

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

LAB CHRONICLE

OrderID: Q2021	OrderDate: 5/13/2025 12:38:10 PM
Client: Sciacca General Contractors, LLC	Project: 38 Alexander Ave, Nutley NJ
Contact: Rosanne Scirica	Location: L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2021-01	WASTE	SOIL	TPH GC	8015D	05/12/25	05/16/25	05/16/25	05/13/25
Q2021-03	1	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-04	2	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-05	3	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-06	4	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-07	5	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25
Q2021-08	6	Solid	EPH_F2	NJEPH	05/12/25	05/15/25	05/16/25	05/13/25



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: SCIA01
Lab Code: CHEM CASE No.: Q2021 SAS No.: Q2021 SDG No.: Q2021
Run Number: FG051625AL

Client SAMPLE NO.	1-chlorooctadecane (SURR)	ortho-Terphenyl (SURR)		TOT OUT
PB168029BL	83	83		0
PB168029BS	88	83		0
PB168029BSD	85	80		0
5MS	79	77		0
5MSD	76	73		0
1	82	76		0
2	74	70		0
3	73	70		0
4	77	74		0
5	77	75		0
6	77	76		0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

Column to be used to flag recovery values

* Values outside of contract required QC Limits

D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

ortho-Terphenyl (SURR)

(40-140)

Column to be used to flag recovery values

* Values outside of contract required QC Limits

D Surrogate diluted out

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC
Lab Code: CHEM **Cas No:** Q2021 **SAS No :** Q2021 **SDG No:** Q2021
Sample No : Q2003-07MS **Datafile:** FG015851.D
Client ID : 5MS

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	34.5	13.2	44.0	89		(40-140)
Aliphatic C9-C28	114.8	8.81	87.8	69		(40-140)

SOLID EPH_F2 MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC
Lab Code: CHEM **Cas No:** Q2021 **SAS No :** Q2021 **SDG No:** Q2021
Sample No : Q2003-07MSD **Datafile:** FG015852.D
Client ID : 5MSD

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS QC Limit Of RPD
Aliphatic C28-C40	34.4	13.2	45.8	95		5.76 (40-140) 50
Aliphatic C9-C28	114.7	8.81	94.9	75		8.8 (40-140) 50

SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC
Lab Code: CHEM **Cas No:** Q2021 **SAS No :** Q2021 **SDG No:** Q2021
Sample No : PB168029BS **Datafile:** FG015859.D
Client ID : PB168029BS

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS
Aliphatic C28-C40	30.0	13.7	46		(40-140)
Aliphatic C9-C28	100.1	58.6	59		(40-140)

SOLID EPH_F2 LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** Sciacca General Contractors, LLC
Lab Code: CHEM **Cas No:** Q2021 **SAS No :** Q2021 **SDG No:** Q2021
Sample No : PB168029BSD **Datafile:** FG015860.D
Client ID : PB168029BSD

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS	QC Limit Of RPD
Aliphatic C28-C40	30.0	13.1	44		4.5 (40-140)	25
Aliphatic C9-C28	99.9	56.2	57		4.1 (40-140)	25

4B
METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168029BL

Lab Name: CHEMTECH

Contract: SCIA01

Lab Code: CHEM Case No.: Q2021

SAS No.: Q2021 SDG NO.: Q2021

Instrument ID: FID_G

Lab Sample ID: PB168029BL

Matrix: (soil/water) Solid

Date Extracted: 5/15/2025 1:40:00 P

Level: (low/med) low

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

EPA SAMPLE NO.	LAB SAMPLE ID
PB168029BS	PB168029BS
PB168029BSD	PB168029BSD
5MS	Q2003-07MS
5MSD	Q2003-07MSD
1	Q2021-03
2	Q2021-04
3	Q2021-05
4	Q2021-06
5	Q2021-07
6	Q2021-08

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	1	SDG No.:	Q2021
Lab Sample ID:	Q2021-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
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
05/15/25 13:40	05/16/25 16:24	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1	1.04	4.59	mg/kg	FG015853.D
Total EPH	Total EPH	15.4			1.04	4.59	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	1	SDG No.:	Q2021
Lab Sample ID:	Q2021-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
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
FG015853.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	15.4		1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.0		1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.9		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.1		40 - 140	76%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-03	Acq On:	16 May 2025 16:24
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FG015853.D	Misc:	
Instrument:	FID_G	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	853981	7.523	300	ug/ml
Aliphatic C12-C16	6.776	10.226	4961952	42.51	200	ug/ml
Aliphatic C16-C21	10.227	13.601	6847246	56.033	300	ug/ml
Aliphatic C21-C28	13.602	17.272	11496642	95.69	400	ug/ml
Aliphatic C28-C40	17.273	22.179	31798831	287.946	600	ug/ml
Aliphatic EPH	3.136	22.179	55958652	489.701		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5679734	38.15		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4707869	40.87		ug/ml
Aliphatic C9-C28	3.136	17.272	24159821	201.756	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015853.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 16:24
 Operator : YP\AJ
 Sample : Q2021-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 1

Integration File: autoint1.e
 Quant Time: May 17 00:43:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.891	5679734	38.148 ug/ml
Spiked Amount	50.000	Recovery	= 76.30%
12) S 1-chlorooctadecane (S...	13.335	4707869	40.867 ug/ml
Spiked Amount	50.000	Recovery	= 81.73%

Target Compounds

(f)=RT Delta > 1/2 Window

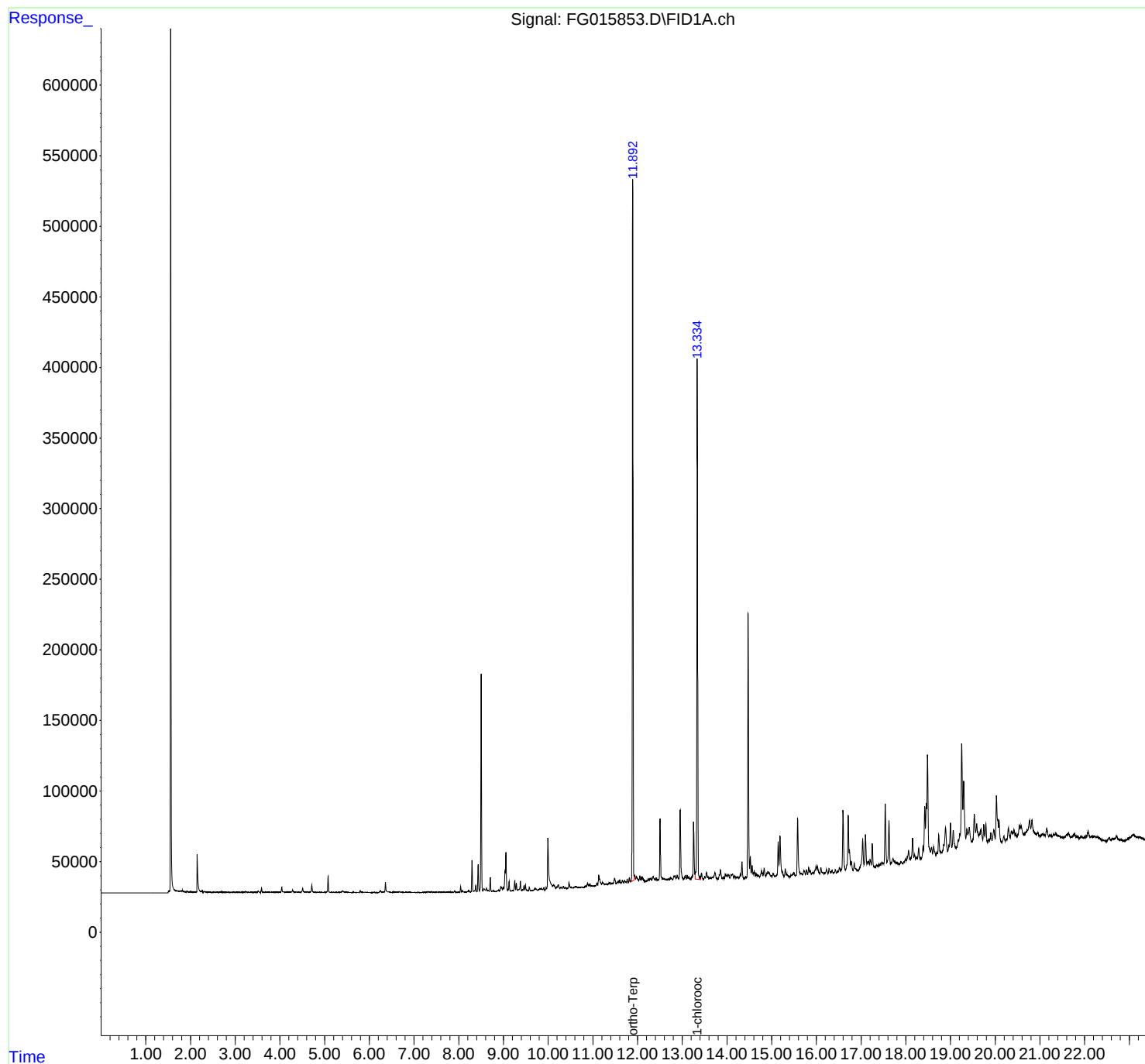
(m)=manual int.

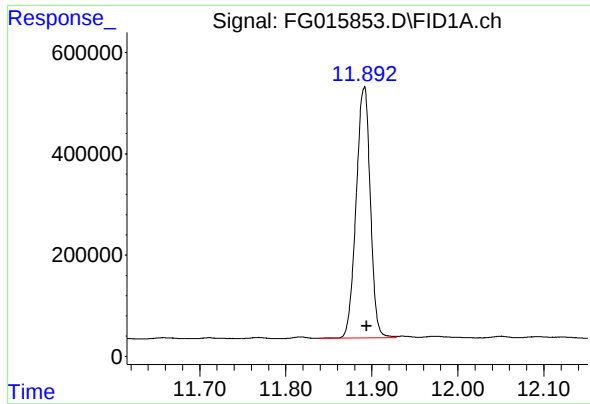
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015853.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 16:24
Operator : YP\AJ
Sample : Q2021-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: May 17 00:43:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

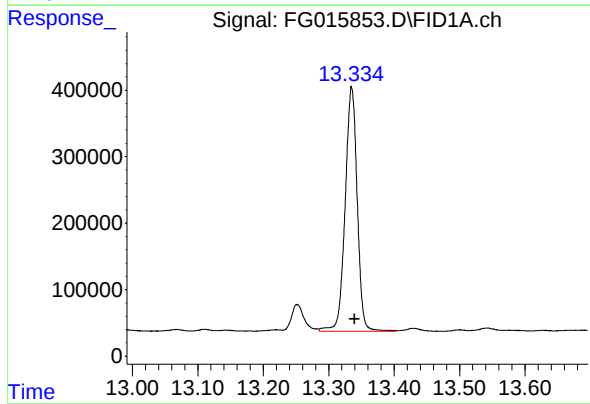




#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 5679734
Conc: 38.15 ug/ml

Instrument :
FID_G
ClientSampleId :
1



#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.004 min
Response: 4707869
Conc: 40.87 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015853.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 16:24
Sample : Q2021-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.236	3.222	3.312	BV	488	4531	0.08%	0.007%
2	3.318	3.312	3.338	PV	56	653	0.01%	0.001%
3	3.375	3.338	3.402	PV	150	3275	0.05%	0.005%
4	3.409	3.402	3.422	VV	165	1458	0.02%	0.002%
5	3.443	3.422	3.495	VV	484	8752	0.15%	0.013%
6	3.516	3.495	3.542	VV	987	13276	0.22%	0.020%
7	3.550	3.542	3.567	VV	204	2729	0.05%	0.004%
8	3.590	3.567	3.618	VV	3196	34368	0.58%	0.051%
9	3.625	3.618	3.667	VV	126	2833	0.05%	0.004%
10	3.687	3.667	3.705	VV	206	3806	0.06%	0.006%
11	3.723	3.705	3.735	VV	395	5237	0.09%	0.008%
12	3.738	3.735	3.781	VV	406	5249	0.09%	0.008%
13	3.818	3.781	3.857	VV	243	7706	0.13%	0.011%
14	3.869	3.857	3.886	VV	190	2160	0.04%	0.003%
15	3.895	3.886	3.908	VV	132	1378	0.02%	0.002%
16	3.923	3.908	3.973	VV	230	5804	0.10%	0.009%
17	4.042	3.973	4.122	VV	3836	57022	0.96%	0.085%
18	4.179	4.122	4.247	VV	351	22945	0.39%	0.034%
19	4.284	4.247	4.369	VV	1847	41328	0.69%	0.062%
20	4.377	4.369	4.396	VV	272	3961	0.07%	0.006%
21	4.404	4.396	4.442	VV	272	6334	0.11%	0.009%
22	4.450	4.442	4.456	VV	233	1815	0.03%	0.003%
23	4.461	4.456	4.470	VV	230	1755	0.03%	0.003%
24	4.510	4.470	4.555	VV	2912	47533	0.80%	0.071%
25	4.573	4.555	4.589	VV	401	6244	0.10%	0.009%
26	4.612	4.589	4.650	VV	487	12034	0.20%	0.018%
27	4.714	4.650	4.765	VV	5317	74216	1.25%	0.111%
28	4.779	4.765	4.853	VV	298	9601	0.16%	0.014%
29	4.928	4.853	4.972	VV	215	9212	0.15%	0.014%
30	4.999	4.972	5.023	VV	200	4595	0.08%	0.007%
31	5.078	5.023	5.138	VV	11470	128064	2.15%	0.191%
32	5.155	5.138	5.198	VV	244	5483	0.09%	0.008%
33	5.205	5.198	5.227	VV	132	1773	0.03%	0.003%
34	5.251	5.227	5.269	VV	207	3614	0.06%	0.005%
35	5.276	5.269	5.308	VV	156	3172	0.05%	0.005%
36	5.322	5.308	5.345	VV	185	3312	0.06%	0.005%

					rteres			
37	5.409	5.345	5.435	VV	1337	26283	0.44%	0.039%
38	5.480	5.435	5.536	VV	444	17508	0.29%	0.026%
39	5.544	5.536	5.617	VV	141	4428	0.07%	0.007%
40	5.642	5.617	5.702	VV	452	9180	0.15%	0.014%
41	5.730	5.702	5.774	PV	189	5093	0.09%	0.008%
42	5.796	5.774	5.819	VV	1495	17882	0.30%	0.027%
43	5.832	5.819	5.879	VV	377	7722	0.13%	0.012%
44	5.899	5.879	5.925	VV	304	5977	0.10%	0.009%
45	5.933	5.925	5.975	VV	196	4299	0.07%	0.006%
46	5.999	5.975	6.068	VV	186	5217	0.09%	0.008%
47	6.076	6.068	6.090	VV	60	479	0.01%	0.001%
48	6.109	6.090	6.155	VV	398	5611	0.09%	0.008%
49	6.249	6.155	6.292	PV	1522	31539	0.53%	0.047%
50	6.319	6.292	6.342	VV	406	10256	0.17%	0.015%
51	6.362	6.342	6.425	VV	7241	98425	1.65%	0.147%
52	6.436	6.425	6.507	VV	484	15402	0.26%	0.023%
53	6.545	6.507	6.608	VV	341	15152	0.25%	0.023%
54	6.631	6.608	6.654	VV	328	6570	0.11%	0.010%
55	6.675	6.654	6.721	VV	772	13615	0.23%	0.020%
56	6.751	6.721	6.783	VV	246	6115	0.10%	0.009%
57	6.818	6.783	6.928	VV	379	17620	0.30%	0.026%
58	6.939	6.928	6.952	VV	164	1856	0.03%	0.003%
59	6.962	6.952	6.976	VV	143	1723	0.03%	0.003%
60	6.994	6.976	7.064	VV	168	4374	0.07%	0.007%
61	7.087	7.064	7.106	VV	192	2341	0.04%	0.003%
62	7.137	7.106	7.168	PV	93	1479	0.02%	0.002%
63	7.180	7.168	7.186	VV	71	548	0.01%	0.001%
64	7.228	7.186	7.279	VV	231	9854	0.17%	0.015%
65	7.308	7.279	7.330	VV	804	11560	0.19%	0.017%
66	7.398	7.330	7.445	VV	480	16788	0.28%	0.025%
67	7.456	7.445	7.472	VV	199	2463	0.04%	0.004%
68	7.509	7.472	7.539	VV	275	7290	0.12%	0.011%
69	7.567	7.539	7.612	VV	335	7497	0.13%	0.011%
70	7.625	7.612	7.658	VV	252	4133	0.07%	0.006%
71	7.672	7.658	7.698	VV	300	4477	0.08%	0.007%
72	7.732	7.698	7.799	VV	335	12703	0.21%	0.019%
73	7.805	7.799	7.838	VV	226	2607	0.04%	0.004%
74	7.848	7.838	7.861	VV	168	1538	0.03%	0.002%
75	7.909	7.861	7.983	VV	1130	18464	0.31%	0.028%
76	8.045	7.983	8.066	PV	4071	46836	0.79%	0.070%
77	8.082	8.066	8.163	VV	1184	18596	0.31%	0.028%
78	8.222	8.163	8.258	VV	1498	26831	0.45%	0.040%
79	8.299	8.258	8.330	VV	22457	239010	4.01%	0.356%
80	8.349	8.330	8.362	VV	953	13319	0.22%	0.020%
81	8.382	8.362	8.407	VV	4581	54423	0.91%	0.081%
82	8.436	8.407	8.464	VV	19467	227347	3.82%	0.339%
83	8.504	8.464	8.539	VV	153111	1607064	26.98%	2.394%
84	8.566	8.539	8.601	VV	2346	56141	0.94%	0.084%
85	8.620	8.601	8.645	VV	2753	44040	0.74%	0.066%
86	8.661	8.645	8.682	VV	1183	19441	0.33%	0.029%
87	8.707	8.682	8.737	VV	10178	111078	1.86%	0.165%
88	8.767	8.737	8.814	VV	839	18696	0.31%	0.028%
89	8.869	8.814	8.880	PV	724	11662	0.20%	0.017%

					rteres			
90	8.898	8.880	8.912	VV	1063	15895	0.27%	0.024%
91	8.943	8.912	8.980	VV	3630	87479	1.47%	0.130%
92	8.998	8.980	9.011	VV	3042	40909	0.69%	0.061%
93	9.057	9.011	9.092	VV	27578	515798	8.66%	0.768%
94	9.128	9.092	9.178	VV	7065	98649	1.66%	0.147%
95	9.206	9.178	9.220	VV	750	11840	0.20%	0.018%
96	9.254	9.220	9.274	VV	7350	100161	1.68%	0.149%
97	9.290	9.274	9.321	VV	5634	70475	1.18%	0.105%
98	9.340	9.321	9.350	VV	1219	16173	0.27%	0.024%
99	9.380	9.350	9.412	VV	6947	94018	1.58%	0.140%
100	9.461	9.412	9.478	VV	3676	57580	0.97%	0.086%
101	9.495	9.478	9.520	VV	4297	50613	0.85%	0.075%
102	9.536	9.520	9.562	VV	622	10096	0.17%	0.015%
103	9.581	9.562	9.652	VV	2505	36804	0.62%	0.055%
104	9.705	9.652	9.770	PV	1523	50209	0.84%	0.075%
105	9.825	9.770	9.858	VV	1228	47211	0.79%	0.070%
106	9.869	9.858	9.885	VV	802	10935	0.18%	0.016%
107	9.904	9.885	9.934	VV	1881	25289	0.42%	0.038%
108	9.957	9.934	9.968	PV	1657	17955	0.30%	0.027%
109	9.997	9.968	10.104	VV	36269	770116	12.93%	1.147%
110	10.123	10.104	10.178	VV	3644	110522	1.86%	0.165%
111	10.226	10.178	10.268	VV	3379	99426	1.67%	0.148%
112	10.288	10.268	10.310	VV	1462	28674	0.48%	0.043%
113	10.340	10.310	10.361	VV	2130	38966	0.65%	0.058%
114	10.381	10.361	10.399	VV	1275	18696	0.31%	0.028%
115	10.410	10.399	10.426	VV	672	8254	0.14%	0.012%
116	10.468	10.426	10.501	VV	4660	77692	1.30%	0.116%
117	10.513	10.501	10.538	VV	1181	19053	0.32%	0.028%
118	10.566	10.538	10.573	VV	921	15791	0.27%	0.024%
119	10.611	10.573	10.633	VV	1440	41993	0.70%	0.063%
120	10.640	10.633	10.668	VV	1001	17807	0.30%	0.027%
121	10.683	10.668	10.703	VV	759	13103	0.22%	0.020%
122	10.720	10.703	10.738	VV	801	13211	0.22%	0.020%
123	10.762	10.738	10.783	VV	769	17554	0.29%	0.026%
124	10.826	10.783	10.845	VV	1529	33873	0.57%	0.050%
125	10.884	10.845	10.915	VV	3567	84631	1.42%	0.126%
126	10.937	10.915	10.968	VV	2823	60122	1.01%	0.090%
127	10.988	10.968	11.011	VV	1392	30851	0.52%	0.046%
128	11.091	11.011	11.110	VV	2971	89250	1.50%	0.133%
129	11.133	11.110	11.198	VV	8780	240345	4.04%	0.358%
130	11.217	11.198	11.264	VV	3481	98827	1.66%	0.147%
131	11.279	11.264	11.302	VV	2190	44401	0.75%	0.066%
132	11.315	11.302	11.335	VV	1908	35634	0.60%	0.053%
133	11.385	11.335	11.408	VV	3119	108432	1.82%	0.162%
134	11.421	11.408	11.438	VV	2426	39992	0.67%	0.060%
135	11.487	11.438	11.525	VV	5607	173917	2.92%	0.259%
136	11.571	11.525	11.585	VV	3935	102377	1.72%	0.153%
137	11.601	11.585	11.635	VV	4605	92982	1.56%	0.139%
138	11.658	11.635	11.690	VV	4139	100421	1.69%	0.150%
139	11.711	11.690	11.746	VV	4165	98947	1.66%	0.147%
140	11.768	11.746	11.792	VV	4484	87647	1.47%	0.131%
141	11.817	11.792	11.837	VV	5455	97894	1.64%	0.146%

					rteres			
142	11.891	11.837	11.956	VV	501697	5956431	100.00%	8.875%
143	11.973	11.956	12.022	VV	6488	193153	3.24%	0.288%
144	12.050	12.022	12.070	VV	6354	131937	2.22%	0.197%
145	12.093	12.070	12.110	VV	5654	114065	1.91%	0.170%
146	12.121	12.110	12.159	VV	4768	105628	1.77%	0.157%
147	12.184	12.159	12.201	VV	2710	63302	1.06%	0.094%
148	12.240	12.201	12.255	VV	3447	98579	1.66%	0.147%
149	12.276	12.255	12.287	VV	4264	71258	1.20%	0.106%
150	12.297	12.287	12.318	VV	4140	67674	1.14%	0.101%
151	12.348	12.318	12.392	VV	5624	188951	3.17%	0.282%
152	12.412	12.392	12.458	VV	4541	135728	2.28%	0.202%
153	12.504	12.458	12.583	VV	45950	761972	12.79%	1.135%
154	12.595	12.583	12.615	VV	3696	65694	1.10%	0.098%
155	12.632	12.615	12.647	VV	3221	58158	0.98%	0.087%
156	12.692	12.647	12.711	VV	3033	111142	1.87%	0.166%
157	12.740	12.711	12.785	VV	3941	145171	2.44%	0.216%
158	12.810	12.785	12.822	VV	4933	88630	1.49%	0.132%
159	12.836	12.822	12.857	VV	5389	93371	1.57%	0.139%
160	12.886	12.857	12.918	VV	5535	152485	2.56%	0.227%
161	12.953	12.918	13.037	VV	51411	886274	14.88%	1.320%
162	13.067	13.037	13.088	VV	4947	111117	1.87%	0.166%
163	13.110	13.088	13.132	VV	5040	96265	1.62%	0.143%
164	13.143	13.132	13.186	VV	3672	95077	1.60%	0.142%
165	13.219	13.186	13.227	VV	4295	82135	1.38%	0.122%
166	13.252	13.227	13.283	VV	42296	602013	10.11%	0.897%
167	13.335	13.283	13.408	VV	369629	4855798	81.52%	7.235%
168	13.430	13.408	13.473	VV	6003	131656	2.21%	0.196%
169	13.500	13.473	13.515	VV	3681	67099	1.13%	0.100%
170	13.542	13.515	13.612	VV	6336	197375	3.31%	0.294%
171	13.628	13.612	13.645	VV	2801	46627	0.78%	0.069%
172	13.732	13.645	13.792	VV	5763	257611	4.32%	0.384%
173	13.854	13.792	13.898	VV	7501	220886	3.71%	0.329%
174	13.914	13.898	13.934	VV	2239	39894	0.67%	0.059%
175	13.961	13.934	13.978	VV	4503	78754	1.32%	0.117%
176	13.998	13.978	14.018	VV	4412	82262	1.38%	0.123%
177	14.037	14.018	14.065	VV	4108	79583	1.34%	0.119%
178	14.093	14.065	14.105	VV	3765	67974	1.14%	0.101%
179	14.125	14.105	14.158	VV	4290	94931	1.59%	0.141%
180	14.172	14.158	14.198	VV	2664	49545	0.83%	0.074%
181	14.210	14.198	14.218	VV	1669	19196	0.32%	0.029%
182	14.238	14.218	14.264	VV	1973	43026	0.72%	0.064%
183	14.297	14.264	14.311	VV	4222	69632	1.17%	0.104%
184	14.333	14.311	14.388	VV	12481	193737	3.25%	0.289%
185	14.413	14.388	14.442	VV	1925	40428	0.68%	0.060%
186	14.472	14.442	14.504	VV	188498	2401481	40.32%	3.578%
187	14.520	14.504	14.543	VV	15913	242316	4.07%	0.361%
188	14.561	14.543	14.583	VV	9409	153997	2.59%	0.229%
189	14.608	14.583	14.633	VV	4956	110439	1.85%	0.165%
190	14.653	14.633	14.674	VV	3605	65289	1.10%	0.097%
191	14.691	14.674	14.730	VV	2402	65613	1.10%	0.098%
192	14.773	14.730	14.804	VV	5247	138687	2.33%	0.207%
193	14.830	14.804	14.869	VV	6888	151374	2.54%	0.226%
194	14.895	14.869	14.905	VV	3528	59422	1.00%	0.089%

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195	14.922	14.905	14.982	VV	4486	136590	2.29%	0.204%
196	14.989	14.982	15.005	VV	1481	18553	0.31%	0.028%
197	15.029	15.005	15.065	VV	2916	70245	1.18%	0.105%
198	15.080	15.065	15.092	VV	1156	16799	0.28%	0.025%
199	15.144	15.092	15.163	VV	25453	379379	6.37%	0.565%
200	15.185	15.163	15.228	VV	29677	573952	9.64%	0.855%
201	15.238	15.228	15.274	VV	4082	65425	1.10%	0.097%
202	15.304	15.274	15.332	VV	5840	98210	1.65%	0.146%
203	15.339	15.332	15.408	VV	2074	41165	0.69%	0.061%
204	15.493	15.408	15.535	PV	2775	97198	1.63%	0.145%
205	15.579	15.535	15.647	VV	41159	706989	11.87%	1.053%
206	15.659	15.647	15.689	VV	1787	39035	0.66%	0.058%
207	15.718	15.689	15.754	VV	3583	91510	1.54%	0.136%
208	15.778	15.754	15.805	VV	4083	68825	1.16%	0.103%
209	15.825	15.805	15.846	VV	5674	86261	1.45%	0.129%
210	15.861	15.846	15.895	VV	3364	63334	1.06%	0.094%
211	15.914	15.895	15.945	VV	1933	43941	0.74%	0.065%
212	15.992	15.945	16.009	VV	6283	147249	2.47%	0.219%
213	16.024	16.009	16.075	VV	5781	120269	2.02%	0.179%
214	16.099	16.075	16.136	VV	4897	89485	1.50%	0.133%
215	16.149	16.136	16.168	VV	1229	17564	0.29%	0.026%
216	16.193	16.168	16.201	VV	928	13441	0.23%	0.020%
217	16.224	16.201	16.258	VV	3183	61151	1.03%	0.091%
218	16.283	16.258	16.322	VV	3864	71244	1.20%	0.106%
219	16.352	16.322	16.375	VV	2452	41241	0.69%	0.061%
220	16.423	16.375	16.448	VV	2741	47694	0.80%	0.071%
221	16.473	16.448	16.485	PV	1371	17055	0.29%	0.025%
222	16.514	16.485	16.545	VV	3403	78354	1.32%	0.117%
223	16.594	16.545	16.655	VV	43125	753020	12.64%	1.122%
224	16.711	16.655	16.765	VV	40112	888630	14.92%	1.324%
225	16.780	16.765	16.820	VV	7162	128560	2.16%	0.192%
226	16.846	16.820	16.922	VV	5552	116032	1.95%	0.173%
227	17.034	16.922	17.063	PV	22187	501114	8.41%	0.747%
228	17.096	17.063	17.131	VV	24670	469575	7.88%	0.700%
229	17.152	17.131	17.183	VV	5649	149602	2.51%	0.223%
230	17.203	17.183	17.226	VV	6576	127199	2.14%	0.190%
231	17.249	17.226	17.308	VV	17563	288048	4.84%	0.429%
232	17.351	17.308	17.388	VV	2159	72348	1.21%	0.108%
233	17.408	17.388	17.420	VV	2436	37769	0.63%	0.056%
234	17.461	17.420	17.506	VV	3665	145144	2.44%	0.216%
235	17.539	17.506	17.582	VV	45033	767100	12.88%	1.143%
236	17.623	17.582	17.668	VV	32373	572532	9.61%	0.853%
237	17.710	17.668	17.808	VV	5341	269356	4.52%	0.401%
238	17.824	17.808	17.848	VV	2033	38724	0.65%	0.058%
239	17.904	17.848	17.931	VV	2102	78920	1.32%	0.118%
240	17.953	17.931	17.963	VV	2148	32230	0.54%	0.048%
241	17.991	17.963	18.006	VV	4133	78881	1.32%	0.118%
242	18.062	18.006	18.087	VV	9548	279596	4.69%	0.417%
243	18.151	18.087	18.178	VV	18221	417584	7.01%	0.622%
244	18.197	18.178	18.218	VV	6241	124603	2.09%	0.186%
245	18.238	18.218	18.252	VV	3867	77846	1.31%	0.116%
246	18.287	18.252	18.322	VV	10415	237971	4.00%	0.355%

					rteres			
247	18.384	18.322	18.397	VV	11494	251122	4.22%	0.374%
248	18.423	18.397	18.440	VV	39437	668498	11.22%	0.996%
249	18.485	18.440	18.548	VV	75524	2043512	34.31%	3.045%
250	18.576	18.548	18.599	VV	9658	243886	4.09%	0.363%
251	18.622	18.599	18.670	VV	10130	301756	5.07%	0.450%
252	18.692	18.670	18.708	VV	5438	111454	1.87%	0.166%
253	18.736	18.708	18.808	VV	18561	526502	8.84%	0.784%
254	18.889	18.808	18.936	VV	22601	897640	15.07%	1.337%
255	18.998	18.936	19.030	VV	25441	707304	11.87%	1.054%
256	19.061	19.030	19.125	VV	20133	665860	11.18%	0.992%
257	19.250	19.125	19.276	VV	79548	2303175	38.67%	3.432%
258	19.295	19.276	19.341	VV	53753	1288499	21.63%	1.920%
259	19.368	19.341	19.387	VV	19136	469563	7.88%	0.700%
260	19.419	19.387	19.479	VV	20774	847810	14.23%	1.263%
261	19.532	19.479	19.563	VV	29470	912782	15.32%	1.360%
262	19.585	19.563	19.629	VV	22651	716740	12.03%	1.068%
263	19.682	19.629	19.720	VV	18741	825467	13.86%	1.230%
264	19.744	19.720	19.767	VV	21537	446612	7.50%	0.665%
265	19.790	19.767	19.837	VV	21856	586384	9.84%	0.874%
266	19.856	19.837	19.878	VV	10842	247343	4.15%	0.369%
267	19.902	19.878	19.932	VV	15017	389519	6.54%	0.580%
268	19.968	19.932	19.998	VV	16571	537482	9.02%	0.801%
269	20.027	19.998	20.072	VV	40449	1097077	18.42%	1.635%
270	20.086	20.072	20.142	VV	23261	573892	9.63%	0.855%
271	20.194	20.142	20.225	VV	11624	455052	7.64%	0.678%
272	20.246	20.225	20.263	VV	9533	201233	3.38%	0.300%
273	20.295	20.263	20.333	VV	17066	537083	9.02%	0.800%
274	20.360	20.333	20.392	VV	14409	451718	7.58%	0.673%
275	20.420	20.392	20.443	VV	15297	406289	6.82%	0.605%
276	20.459	20.443	20.485	VV	12139	282051	4.74%	0.420%
277	20.541	20.485	20.562	VV	18017	632363	10.62%	0.942%
278	20.581	20.562	20.634	VV	17546	622519	10.45%	0.927%
279	20.690	20.634	20.697	VV	12884	438885	7.37%	0.654%
280	20.718	20.697	20.732	VV	13619	277196	4.65%	0.413%
281	20.766	20.732	20.796	VV	20406	647621	10.87%	0.965%
282	20.822	20.796	20.922	VV	20474	1041541	17.49%	1.552%
283	20.951	20.922	21.015	VV	11123	538203	9.04%	0.802%
284	21.064	21.015	21.122	VV	10039	576418	9.68%	0.859%
285	21.152	21.122	21.195	VV	12794	446797	7.50%	0.666%
286	21.215	21.195	21.237	VV	8165	200366	3.36%	0.299%
287	21.252	21.237	21.275	VV	7983	172220	2.89%	0.257%
288	21.308	21.275	21.330	VV	8361	261614	4.39%	0.390%
289	21.353	21.330	21.418	VV	8731	411008	6.90%	0.612%
290	21.425	21.418	21.480	VV	7076	231187	3.88%	0.344%
291	21.489	21.480	21.520	VV	5875	134390	2.26%	0.200%
292	21.605	21.520	21.614	VV	7112	342688	5.75%	0.511%
293	21.640	21.614	21.688	VV	7661	287944	4.83%	0.429%
294	21.759	21.688	21.825	VV	6601	446408	7.49%	0.665%
295	21.844	21.825	21.885	VV	4686	152243	2.56%	0.227%
296	21.930	21.885	21.970	VV	4507	198475	3.33%	0.296%
297	21.989	21.970	21.998	VV	3630	59017	0.99%	0.088%
298	22.080	21.998	22.127	VV	7441	370397	6.22%	0.552%
299	22.155	22.127	22.168	VV	3743	85422	1.43%	0.127%

						rteres		
300	22.185	22.168	22.195	VV	3664	56228	0.94%	0.084%
301	22.205	22.195	22.258	VV	3532	121227	2.04%	0.181%
302	22.269	22.258	22.402	VBA	2778	169808	2.85%	0.253%
						Sum of corrected areas:		67118146

Aliphatic EPH 051225.M Sat May 17 01:59:09 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	2	SDG No.:	Q2021
Lab Sample ID:	Q2021-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 13:40	05/16/25 16:54	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.91		1	1.07	4.69	mg/kg	FG015854.D
Total EPH	Total EPH	8.91			1.07	4.69	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	2	SDG No.:	Q2021
Lab Sample ID:	Q2021-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.1 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
FG015854.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.91		1.07	4.69	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.6		1.39	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.8		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.9		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-04	Acq On:	16 May 2025 16:54
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FG015854.D	Misc:	
Instrument:	FID_G	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	221663	1.953	300	ug/ml
Aliphatic C12-C16	6.776	10.226	2233000	19.13	200	ug/ml
Aliphatic C16-C21	10.227	13.601	5378930	44.018	300	ug/ml
Aliphatic C21-C28	13.602	17.272	6097076	50.748	400	ug/ml
Aliphatic C28-C40	17.273	22.179	16300069	147.601	600	ug/ml
Aliphatic EPH	3.136	22.179	30230738	263.449		ug/ml
ortho-Terphenyl (SURR)	11.890	11.890	5197779	34.91		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	4238522	36.79		ug/ml
Aliphatic C9-C28	3.136	17.272	13930669	115.849	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015854.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 16:54
Operator : YP\AJ
Sample : Q2021-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: May 17 00:44:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 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)	11.890	5197779	34.911 ug/ml
Spiked Amount	50.000	Recovery	= 69.82%
12) S 1-chlorooctadecane (S...	13.334	4238522	36.793 ug/ml
Spiked Amount	50.000	Recovery	= 73.59%

Target Compounds

(f)=RT Delta > 1/2 Window

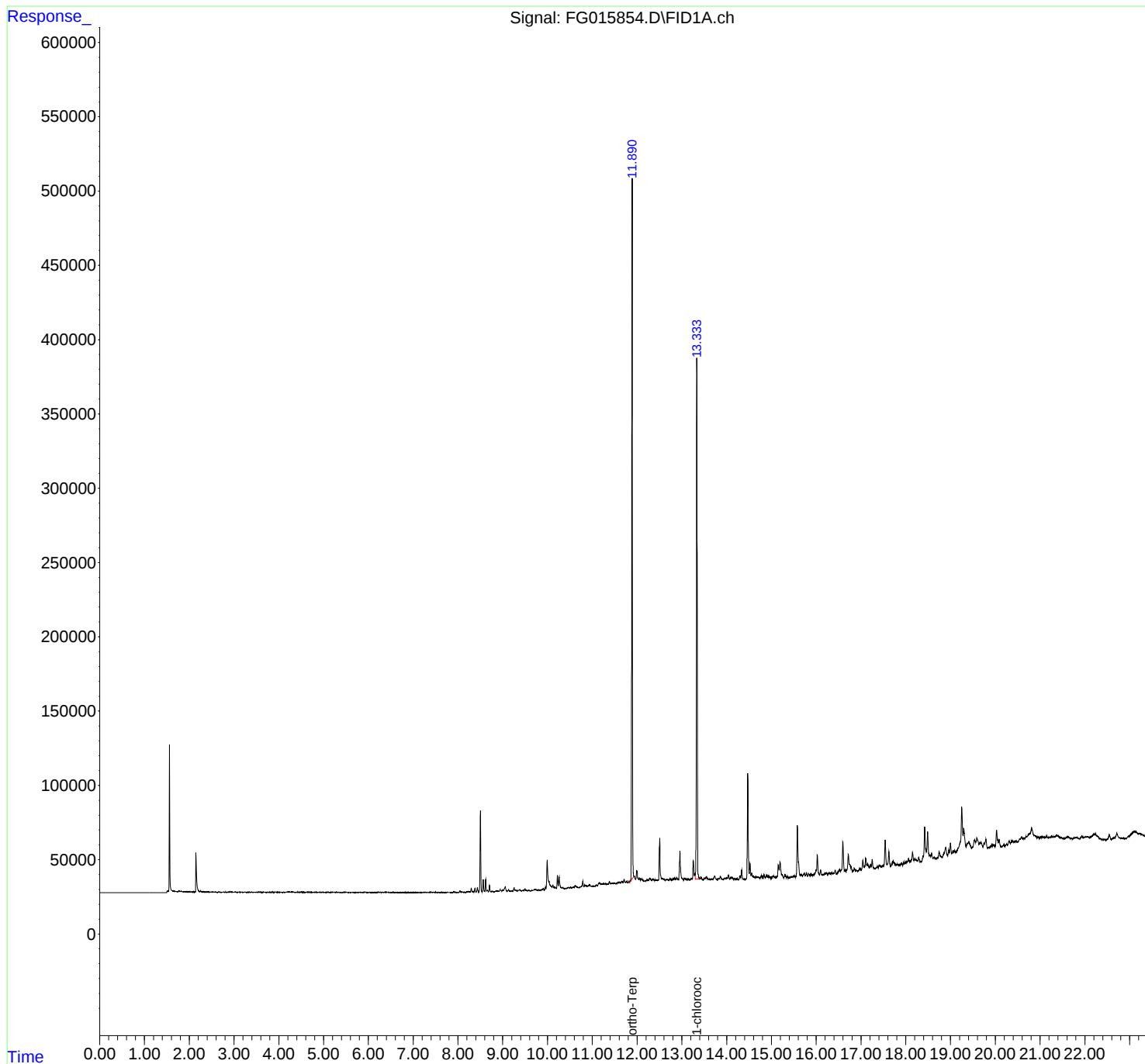
(m)=manual int.

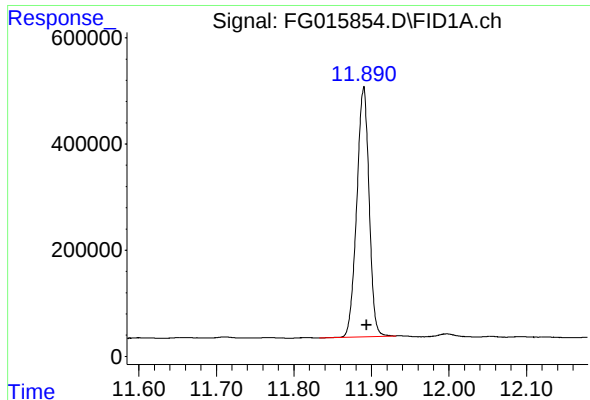
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015854.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 16:54
Operator : YP\AJ
Sample : Q2021-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: May 17 00:44:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

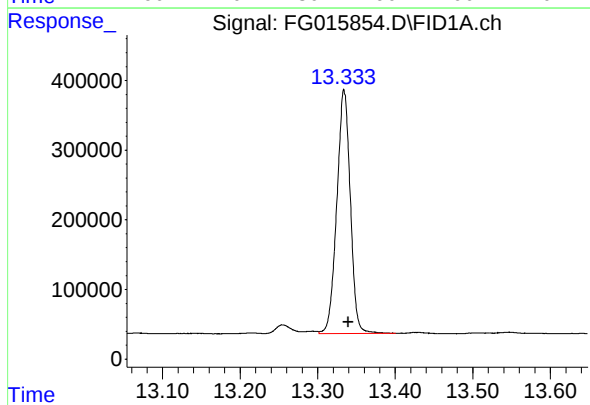




#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.004 min
Response: 5197779
Conc: 34.91 ug/ml

Instrument :
FID_G
ClientSampleId :
2



#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.005 min
Response: 4238522
Conc: 36.79 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015854.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 16:54
 Sample : Q2021-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.238	3.221	3.277	BV	88	1127	0.02%	0.003%
2	3.287	3.277	3.341	PV	64	811	0.01%	0.002%
3	3.352	3.341	3.364	PV	54	467	0.01%	0.001%
4	3.383	3.364	3.396	VV	120	1290	0.02%	0.003%
5	3.404	3.396	3.428	VV	107	1124	0.02%	0.003%
6	3.438	3.428	3.517	VV	107	4026	0.07%	0.010%
7	3.524	3.517	3.567	VV	127	2617	0.05%	0.006%
8	3.591	3.567	3.672	VV	239	5385	0.10%	0.013%
9	3.688	3.672	3.708	VV	94	1881	0.03%	0.005%
10	3.718	3.708	3.798	VV	123	3957	0.07%	0.010%
11	3.824	3.798	3.849	VV	129	2950	0.05%	0.007%
12	3.871	3.849	3.895	VV	145	2304	0.04%	0.006%
13	3.925	3.895	3.952	VV	146	2792	0.05%	0.007%
14	3.960	3.952	3.991	VV	54	1187	0.02%	0.003%
15	4.002	3.991	4.014	VV	90	938	0.02%	0.002%
16	4.026	4.014	4.030	VV	91	625	0.01%	0.002%
17	4.053	4.030	4.071	VV	137	2774	0.05%	0.007%
18	4.078	4.071	4.109	VV	124	2191	0.04%	0.005%
19	4.118	4.109	4.136	VV	115	1679	0.03%	0.004%
20	4.179	4.136	4.195	VV	201	5522	0.10%	0.014%
21	4.228	4.195	4.265	VV	207	7761	0.14%	0.019%
22	4.282	4.265	4.310	VV	219	5543	0.10%	0.014%
23	4.321	4.310	4.393	VV	231	7753	0.14%	0.019%
24	4.420	4.393	4.448	VV	194	4175	0.07%	0.010%
25	4.457	4.448	4.473	VV	141	1787	0.03%	0.004%
26	4.497	4.473	4.538	VV	320	6686	0.12%	0.016%
27	4.544	4.538	4.595	VV	126	3718	0.07%	0.009%
28	4.602	4.595	4.607	VV	129	787	0.01%	0.002%
29	4.618	4.607	4.658	VV	187	3444	0.06%	0.008%
30	4.672	4.658	4.766	VV	220	7215	0.13%	0.018%
31	4.785	4.766	4.825	VV	139	3144	0.06%	0.008%
32	4.832	4.825	4.878	VV	100	2175	0.04%	0.005%
33	4.901	4.878	4.928	VV	114	2492	0.04%	0.006%
34	4.938	4.928	4.948	VV	115	1136	0.02%	0.003%
35	4.997	4.948	5.035	VV	157	4102	0.07%	0.010%
36	5.061	5.035	5.131	VV	149	5401	0.10%	0.013%

					rteres			
37	5.159	5.131	5.169	VV	153	2453	0.04%	0.006%
38	5.182	5.169	5.240	VV	128	3765	0.07%	0.009%
39	5.254	5.240	5.288	VV	120	2728	0.05%	0.007%
40	5.298	5.288	5.321	VV	118	1726	0.03%	0.004%
41	5.330	5.321	5.392	VV	121	3170	0.06%	0.008%
42	5.405	5.392	5.423	VV	129	1753	0.03%	0.004%
43	5.477	5.423	5.571	VV	245	10353	0.18%	0.025%
44	5.575	5.571	5.595	VV	102	929	0.02%	0.002%
45	5.602	5.595	5.609	VV	89	558	0.01%	0.001%
46	5.642	5.609	5.707	VV	143	4336	0.08%	0.011%
47	5.733	5.707	5.773	PV	107	2824	0.05%	0.007%
48	5.830	5.773	5.876	VV	182	7112	0.13%	0.017%
49	5.918	5.876	5.941	VV	199	5245	0.09%	0.013%
50	5.950	5.941	5.981	VV	158	2160	0.04%	0.005%
51	5.997	5.981	6.008	VV	105	1350	0.02%	0.003%
52	6.015	6.008	6.097	VV	115	3442	0.06%	0.008%
53	6.113	6.097	6.135	VV	80	1053	0.02%	0.003%
54	6.181	6.135	6.198	VV	103	2019	0.04%	0.005%
55	6.233	6.198	6.244	VV	195	4507	0.08%	0.011%
56	6.270	6.244	6.287	VV	210	4237	0.08%	0.010%
57	6.308	6.287	6.318	VV	180	3040	0.05%	0.007%
58	6.328	6.318	6.344	VV	156	2507	0.04%	0.006%
59	6.362	6.344	6.371	VV	213	2884	0.05%	0.007%
60	6.388	6.371	6.429	VV	380	7468	0.13%	0.018%
61	6.465	6.429	6.512	VV	178	6831	0.12%	0.017%
62	6.522	6.512	6.530	VV	192	1468	0.03%	0.004%
63	6.548	6.530	6.602	VV	276	7465	0.13%	0.018%
64	6.612	6.602	6.654	VV	169	3255	0.06%	0.008%
65	6.677	6.654	6.741	VV	186	5391	0.10%	0.013%
66	6.758	6.741	6.802	VV	90	2668	0.05%	0.007%
67	6.827	6.802	6.849	PV	206	3238	0.06%	0.008%
68	6.860	6.849	6.875	VV	154	1669	0.03%	0.004%
69	6.919	6.875	7.022	VV	125	6240	0.11%	0.015%
70	7.038	7.022	7.118	VV	88	1865	0.03%	0.005%
71	7.132	7.118	7.155	PV	55	1143	0.02%	0.003%
72	7.244	7.155	7.288	VV	260	10500	0.19%	0.026%
73	7.300	7.288	7.331	VV	194	3452	0.06%	0.008%
74	7.396	7.331	7.441	VV	366	12138	0.22%	0.030%
75	7.471	7.441	7.498	VV	134	4038	0.07%	0.010%
76	7.506	7.498	7.555	VV	205	4216	0.08%	0.010%
77	7.571	7.555	7.603	VV	133	2420	0.04%	0.006%
78	7.628	7.603	7.650	VV	140	2492	0.04%	0.006%
79	7.662	7.650	7.714	VV	81	2370	0.04%	0.006%
80	7.764	7.714	7.871	PV	136	7295	0.13%	0.018%
81	7.910	7.871	7.981	PV	524	9729	0.17%	0.024%
82	8.045	7.981	8.148	PV	1224	24771	0.44%	0.061%
83	8.227	8.148	8.278	VV	484	14957	0.27%	0.037%
84	8.300	8.278	8.358	VV	2821	40632	0.72%	0.100%
85	8.381	8.358	8.408	VV	2666	32978	0.59%	0.081%
86	8.436	8.408	8.463	VV	3040	40180	0.72%	0.099%
87	8.504	8.463	8.537	VV	54407	598578	10.66%	1.470%
88	8.566	8.537	8.593	VV	8296	100551	1.79%	0.247%
89	8.620	8.593	8.682	VV	8502	117019	2.08%	0.287%

					rteres			
90	8.707	8.682	8.738	VV	4559	52672	0.94%	0.129%
91	8.765	8.738	8.806	VV	484	11285	0.20%	0.028%
92	8.869	8.806	8.917	PV	714	26797	0.48%	0.066%
93	8.944	8.917	8.980	VV	1428	31084	0.55%	0.076%
94	8.999	8.980	9.013	VV	1047	16709	0.30%	0.041%
95	9.057	9.013	9.111	VV	3287	82730	1.47%	0.203%
96	9.130	9.111	9.185	VV	1292	21978	0.39%	0.054%
97	9.205	9.185	9.221	VV	530	6660	0.12%	0.016%
98	9.255	9.221	9.324	VV	2434	53120	0.95%	0.130%
99	9.380	9.324	9.448	VV	1083	34410	0.61%	0.084%
100	9.496	9.448	9.561	VV	1423	34348	0.61%	0.084%
101	9.583	9.561	9.610	VV	531	7325	0.13%	0.018%
102	9.728	9.610	9.780	PV	845	34421	0.61%	0.085%
103	9.804	9.780	9.854	VV	413	11939	0.21%	0.029%
104	9.907	9.854	9.930	VV	1392	22865	0.41%	0.056%
105	9.996	9.930	10.101	VV	19878	517987	9.23%	1.272%
106	10.122	10.101	10.195	VV	3160	95704	1.70%	0.235%
107	10.225	10.195	10.243	VV	9537	128495	2.29%	0.315%
108	10.262	10.243	10.379	VV	8231	181567	3.23%	0.446%
109	10.472	10.379	10.490	VV	1089	43110	0.77%	0.106%
110	10.513	10.490	10.541	VV	1139	25257	0.45%	0.062%
111	10.617	10.541	10.703	VV	2131	97918	1.74%	0.240%
112	10.789	10.703	10.814	VV	4552	108545	1.93%	0.267%
113	10.834	10.814	10.885	VV	2252	68968	1.23%	0.169%
114	10.938	10.885	11.018	VV	2373	110816	1.97%	0.272%
115	11.092	11.018	11.118	VV	1616	73251	1.30%	0.180%
116	11.157	11.118	11.218	VV	2974	140523	2.50%	0.345%
117	11.245	11.218	11.268	VV	2384	64573	1.15%	0.159%
118	11.284	11.268	11.328	VV	2365	76107	1.36%	0.187%
119	11.346	11.328	11.360	VV	2142	38166	0.68%	0.094%
120	11.383	11.360	11.408	VV	3526	72286	1.29%	0.177%
121	11.496	11.408	11.519	VV	2427	148049	2.64%	0.364%
122	11.602	11.519	11.635	VV	3104	171129	3.05%	0.420%
123	11.657	11.635	11.687	VV	3406	93133	1.66%	0.229%
124	11.711	11.687	11.748	VV	4594	114935	2.05%	0.282%
125	11.768	11.748	11.798	VV	3261	78706	1.40%	0.193%
126	11.890	11.798	11.964	VV	467764	5614442	100.00%	13.785%
127	11.997	11.964	12.036	VV	9916	266967	4.76%	0.655%
128	12.054	12.036	12.074	VV	5138	97825	1.74%	0.240%
129	12.093	12.074	12.158	VV	4561	181752	3.24%	0.446%
130	12.240	12.158	12.256	VV	3553	181836	3.24%	0.446%
131	12.282	12.256	12.322	VV	4201	146396	2.61%	0.359%
132	12.350	12.322	12.411	VV	4002	179347	3.19%	0.440%
133	12.428	12.411	12.443	VV	2936	56109	1.00%	0.138%
134	12.504	12.443	12.625	VV	31181	705542	12.57%	1.732%
135	12.671	12.625	12.718	VV	3071	159030	2.83%	0.390%
136	12.744	12.718	12.791	VV	3072	126070	2.25%	0.310%
137	12.838	12.791	12.865	VV	3799	144215	2.57%	0.354%
138	12.886	12.865	12.928	VV	3912	118791	2.12%	0.292%
139	12.957	12.928	13.045	VV	21249	475807	8.47%	1.168%
140	13.067	13.045	13.104	VV	3280	95721	1.70%	0.235%
141	13.144	13.104	13.173	VV	2640	101535	1.81%	0.249%

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142	13.256	13.173	13.283	VV	14717	333440	5.94%	0.819%
143	13.334	13.283	13.403	VV	352837	4436141	79.01%	10.892%
144	13.428	13.403	13.478	VV	3528	112803	2.01%	0.277%
145	13.546	13.478	13.608	VV	3741	188705	3.36%	0.463%
146	13.733	13.608	13.798	VV	3726	228708	4.07%	0.562%
147	13.861	13.798	13.927	VV	3286	149580	2.66%	0.367%
148	14.040	13.927	14.070	VV	4051	178630	3.18%	0.439%
149	14.123	14.070	14.156	VV	2236	92108	1.64%	0.226%
150	14.175	14.156	14.200	VV	1459	32367	0.58%	0.079%
151	14.233	14.200	14.275	VV	1247	42620	0.76%	0.105%
152	14.333	14.275	14.391	VV	6986	165973	2.96%	0.408%
153	14.471	14.391	14.503	VV	70114	994696	17.72%	2.442%
154	14.521	14.503	14.634	VV	11157	305847	5.45%	0.751%
155	14.653	14.634	14.745	VV	2357	98811	1.76%	0.243%
156	14.779	14.745	14.811	VV	2178	65424	1.17%	0.161%
157	14.835	14.811	14.868	VV	2929	63383	1.13%	0.156%
158	14.897	14.868	14.922	VV	2631	58892	1.05%	0.145%
159	14.942	14.922	15.010	VV	1896	64250	1.14%	0.158%
160	15.041	15.010	15.098	VV	1880	63031	1.12%	0.155%
161	15.191	15.098	15.275	VV	10698	446888	7.96%	1.097%
162	15.307	15.275	15.412	VV	2354	66720	1.19%	0.164%
163	15.501	15.412	15.538	PV	1078	41857	0.75%	0.103%
164	15.579	15.538	15.655	VV	34611	644703	11.48%	1.583%
165	15.665	15.655	15.695	VV	1291	27017	0.48%	0.066%
166	15.731	15.695	15.761	VV	2237	56472	1.01%	0.139%
167	15.782	15.761	15.808	VV	2035	34354	0.61%	0.084%
168	15.831	15.808	15.904	VV	1647	52019	0.93%	0.128%
169	15.931	15.904	15.948	VV	1272	21335	0.38%	0.052%
170	16.024	15.948	16.070	VV	13827	290455	5.17%	0.713%
171	16.098	16.070	16.145	VV	3749	61861	1.10%	0.152%
172	16.222	16.145	16.261	VV	1240	52215	0.93%	0.128%
173	16.297	16.261	16.325	VV	1000	29859	0.53%	0.073%
174	16.350	16.325	16.373	VV	1302	23168	0.41%	0.057%
175	16.423	16.373	16.451	VV	2741	51880	0.92%	0.127%
176	16.517	16.451	16.548	PV	3062	88062	1.57%	0.216%
177	16.595	16.548	16.638	VV	20989	389728	6.94%	0.957%
178	16.717	16.638	16.820	VV	12236	426614	7.60%	1.047%
179	16.850	16.820	16.888	VV	2545	51207	0.91%	0.126%
180	16.903	16.888	16.931	VV	698	12355	0.22%	0.030%
181	16.977	16.931	17.006	VV	1724	41970	0.75%	0.103%
182	17.041	17.006	17.065	VV	7086	121485	2.16%	0.298%
183	17.106	17.065	17.135	VV	8261	187602	3.34%	0.461%
184	17.151	17.135	17.185	VV	3581	86612	1.54%	0.213%
185	17.250	17.185	17.321	VV	6838	186318	3.32%	0.457%
186	17.369	17.321	17.383	VV	1131	32278	0.57%	0.079%
187	17.413	17.383	17.451	VV	2246	66900	1.19%	0.164%
188	17.540	17.451	17.581	VV	18915	385263	6.86%	0.946%
189	17.622	17.581	17.669	VV	10608	214251	3.82%	0.526%
190	17.718	17.669	17.791	VV	2882	142954	2.55%	0.351%
191	17.819	17.791	17.846	VV	1387	32011	0.57%	0.079%
192	17.906	17.846	17.928	VV	1409	43774	0.78%	0.107%
193	17.952	17.928	17.967	VV	1477	28389	0.51%	0.070%
194	17.993	17.967	18.011	VV	2052	45097	0.80%	0.111%

					rteres			
195	18.061	18.011	18.088	VV	4287	122561	2.18%	0.301%
196	18.151	18.088	18.181	VV	8003	216388	3.85%	0.531%
197	18.199	18.181	18.254	VV	3706	119503	2.13%	0.293%
198	18.287	18.254	18.346	VV	4245	118867	2.12%	0.292%
199	18.422	18.346	18.465	VV	23994	587912	10.47%	1.444%
200	18.488	18.465	18.549	VV	20446	473426	8.43%	1.162%
201	18.574	18.549	18.608	VV	5514	139020	2.48%	0.341%
202	18.631	18.608	18.671	VV	2676	86180	1.53%	0.212%
203	18.745	18.671	18.808	VV	6157	246435	4.39%	0.605%
204	18.891	18.808	18.935	VV	8462	363482	6.47%	0.892%
205	18.997	18.935	19.029	VV	10787	338205	6.02%	0.830%
206	19.089	19.029	19.118	VV	5365	257908	4.59%	0.633%
207	19.251	19.118	19.278	VV	33195	1174020	20.91%	2.883%
208	19.296	19.278	19.344	VV	19385	540601	9.63%	1.327%
209	19.405	19.344	19.475	VV	9773	640084	11.40%	1.572%
210	19.536	19.475	19.558	VV	10930	419830	7.48%	1.031%
211	19.588	19.558	19.635	VV	12067	462640	8.24%	1.136%
212	19.677	19.635	19.725	VV	8868	411423	7.33%	1.010%
213	19.788	19.725	19.831	VV	10399	470328	8.38%	1.155%
214	19.856	19.831	19.875	VV	4720	119513	2.13%	0.293%
215	19.916	19.875	19.931	VV	5763	177474	3.16%	0.436%
216	19.953	19.931	19.998	VV	6020	220052	3.92%	0.540%
217	20.028	19.998	20.068	VV	15455	414913	7.39%	1.019%
218	20.085	20.068	20.141	VV	9181	265116	4.72%	0.651%
219	20.190	20.141	20.218	VV	5146	207072	3.69%	0.508%
220	20.249	20.218	20.270	VV	5409	148381	2.64%	0.364%
221	20.304	20.270	20.337	VV	7271	239535	4.27%	0.588%
222	20.382	20.337	20.441	VV	6908	402159	7.16%	0.987%
223	20.459	20.441	20.498	VV	6441	206453	3.68%	0.507%
224	20.582	20.498	20.618	VV	8879	530470	9.45%	1.302%
225	20.811	20.618	20.928	VV	14111	1740106	30.99%	4.273%
226	20.953	20.928	20.983	VV	7395	229743	4.09%	0.564%
227	21.057	20.983	21.120	VV	6896	550415	9.80%	1.351%
228	21.145	21.120	21.195	VV	7062	286620	5.11%	0.704%
229	21.253	21.195	21.291	VV	6457	358466	6.38%	0.880%
230	21.372	21.291	21.547	VV	6893	833311	14.84%	2.046%
231	21.634	21.547	21.715	VV	4895	417196	7.43%	1.024%
232	21.813	21.715	21.875	VV	3858	323358	5.76%	0.794%
233	21.936	21.875	21.985	VV	3774	209170	3.73%	0.514%
234	22.075	21.985	22.121	VV	3080	240816	4.29%	0.591%
235	22.226	22.121	22.401	VBA	4327	446415	7.95%	1.096%

Sum of corrected areas: 40727732

Aliphatic EPH 051225.M Sat May 17 01:59:38 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	3	SDG No.:	Q2021
Lab Sample ID:	Q2021-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.7
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
05/15/25 13:40	05/16/25 17:23	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	11.3		1	1.02	4.49	mg/kg	FG015855.D
Total EPH	Total EPH	11.3			1.02	4.49	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	3	SDG No.:	Q2021
Lab Sample ID:	Q2021-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.7
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
FG015855.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	11.3		1.02	4.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.7		1.33	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.4		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.9		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-05	Acq On:	16 May 2025 17:23
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FG015855.D	Misc:	
Instrument:	FID_G	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	233049	2.053	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1104772	9.465	200	ug/ml
Aliphatic C16-C21	10.227	13.601	13053082	106.818	300	ug/ml
Aliphatic C21-C28	13.602	17.272	4105745	34.173	400	ug/ml
Aliphatic C28-C40	17.273	22.179	18708810	169.413	600	ug/ml
Aliphatic EPH	3.136	22.179	37205458	321.922		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5200096	34.93		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	4197152	36.43		ug/ml
Aliphatic C9-C28	3.136	17.272	18496648	152.509	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015855.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 17:23
Operator : YP\AJ
Sample : Q2021-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: May 17 00:44:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 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)	11.891	5200096	34.926 ug/ml
Spiked Amount	50.000	Recovery	= 69.85%
12) S 1-chlorooctadecane (S...	13.336	4197152	36.434 ug/ml
Spiked Amount	50.000	Recovery	= 72.87%

Target Compounds

(f)=RT Delta > 1/2 Window

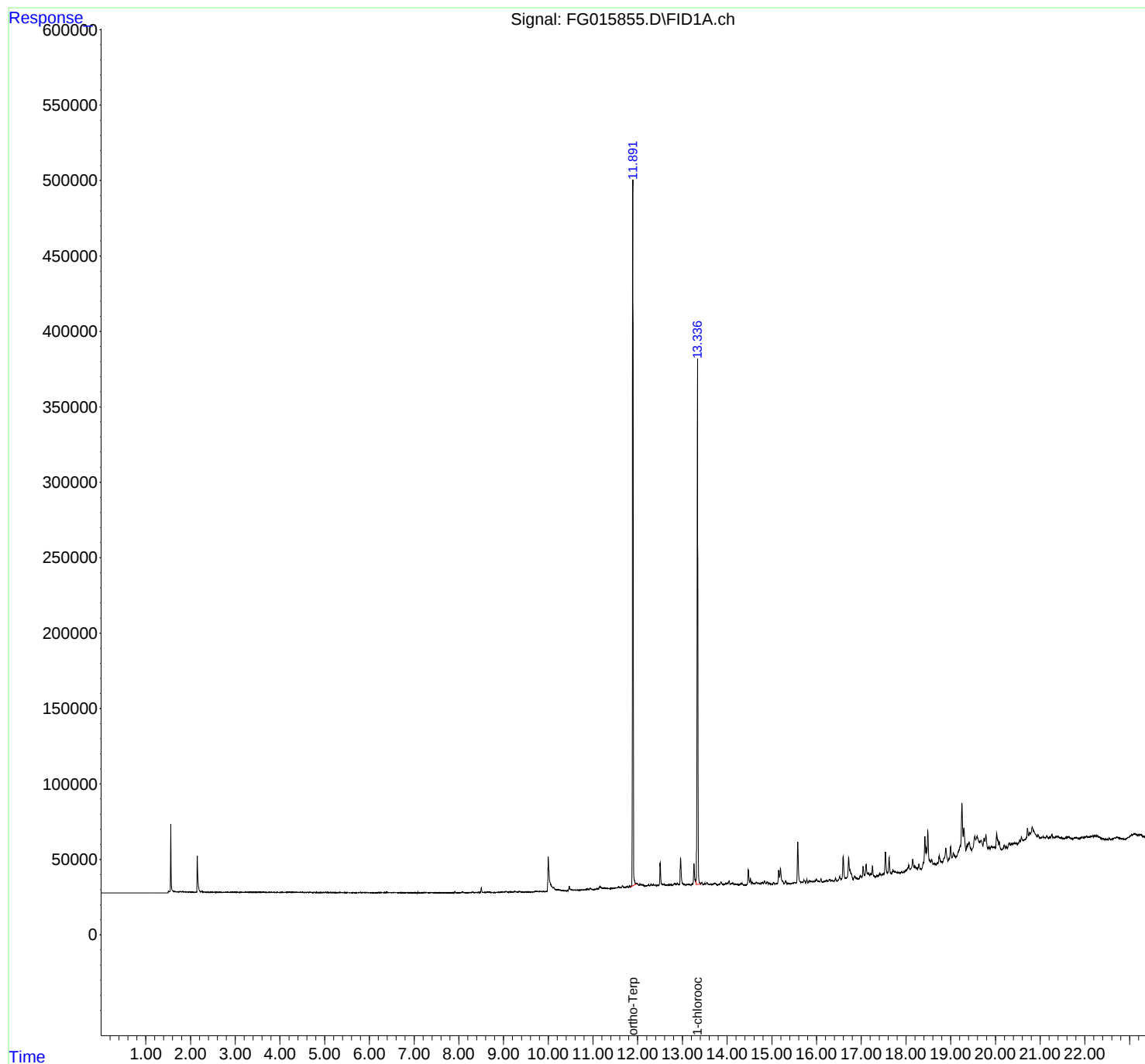
(m)=manual int.

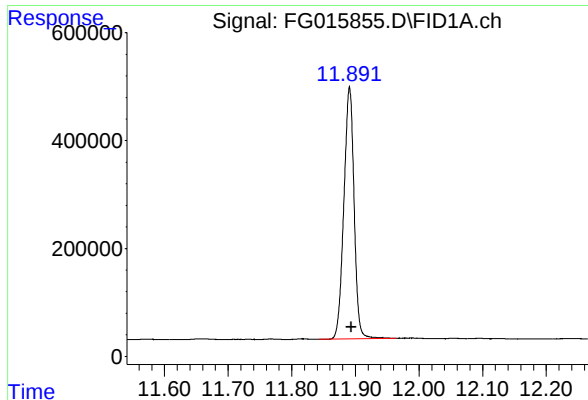
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015855.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 17:23
Operator : YP\AJ
Sample : Q2021-05
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: May 17 00:44:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

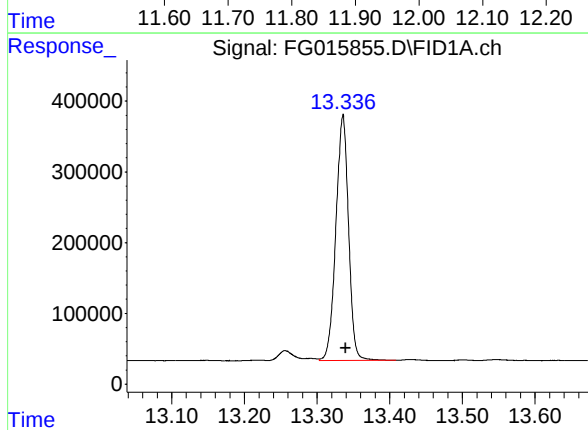




#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 5200096
Conc: 34.93 ug/ml

Instrument :
FID_G
ClientSampleId :
3



#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 4197152
Conc: 36.43 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015855.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 17:23
 Sample : Q2021-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.236	3.222	3.285	BV	68	1298	0.02%	0.003%
2	3.294	3.285	3.348	PV	38	1188	0.02%	0.003%
3	3.374	3.348	3.392	VV	130	1978	0.04%	0.005%
4	3.410	3.392	3.438	VV	96	2043	0.04%	0.005%
5	3.464	3.438	3.501	VV	115	3138	0.06%	0.008%
6	3.525	3.501	3.539	VV	148	2454	0.05%	0.007%
7	3.547	3.539	3.565	VV	139	1619	0.03%	0.004%
8	3.578	3.565	3.638	VV	155	4200	0.08%	0.011%
9	3.658	3.638	3.672	VV	110	1406	0.03%	0.004%
10	3.711	3.672	3.735	VV	148	3654	0.07%	0.010%
11	3.743	3.735	3.800	VV	122	3560	0.07%	0.010%
12	3.814	3.800	3.830	VV	122	1560	0.03%	0.004%
13	3.895	3.830	3.915	VV	110	3937	0.07%	0.011%
14	3.921	3.915	3.987	VV	144	3640	0.07%	0.010%
15	3.998	3.987	4.028	VV	101	1659	0.03%	0.004%
16	4.047	4.028	4.127	VV	168	6807	0.13%	0.018%
17	4.189	4.127	4.202	VV	236	6955	0.13%	0.019%
18	4.222	4.202	4.249	VV	257	6308	0.12%	0.017%
19	4.256	4.249	4.270	VV	218	2774	0.05%	0.007%
20	4.281	4.270	4.345	VV	244	8764	0.16%	0.023%
21	4.355	4.345	4.402	VV	215	5347	0.10%	0.014%
22	4.408	4.402	4.450	VV	195	4237	0.08%	0.011%
23	4.495	4.450	4.558	VV	299	10147	0.19%	0.027%
24	4.571	4.558	4.595	VV	151	2782	0.05%	0.007%
25	4.621	4.595	4.645	VV	208	3917	0.07%	0.010%
26	4.668	4.645	4.735	VV	214	7779	0.14%	0.021%
27	4.741	4.735	4.768	VV	143	2054	0.04%	0.005%
28	4.783	4.768	4.850	VV	174	6002	0.11%	0.016%
29	4.857	4.850	4.868	VV	158	1084	0.02%	0.003%
30	4.879	4.868	4.886	VV	125	1026	0.02%	0.003%
31	4.893	4.886	4.968	VV	105	5455	0.10%	0.015%
32	5.005	4.968	5.045	VV	168	6008	0.11%	0.016%
33	5.053	5.045	5.135	VV	158	5360	0.10%	0.014%
34	5.154	5.135	5.198	VV	131	4005	0.07%	0.011%
35	5.204	5.198	5.315	VV	120	5810	0.11%	0.016%
36	5.331	5.315	5.428	VV	135	4584	0.09%	0.012%

					rteres			
37	5.470	5.428	5.616	VV	224	10676	0.20%	0.029%
38	5.642	5.616	5.705	PV	124	3084	0.06%	0.008%
39	5.833	5.705	5.885	VV	185	11356	0.21%	0.030%
40	5.909	5.885	6.022	VV	197	8694	0.16%	0.023%
41	6.038	6.022	6.095	VV	111	2371	0.04%	0.006%
42	6.111	6.095	6.163	VV	101	2406	0.04%	0.006%
43	6.247	6.163	6.298	VV	225	11034	0.21%	0.029%
44	6.389	6.298	6.507	VV	380	20965	0.39%	0.056%
45	6.555	6.507	6.662	VV	228	12500	0.23%	0.033%
46	6.678	6.662	6.728	VV	194	3127	0.06%	0.008%
47	6.747	6.728	6.807	VV	87	2297	0.04%	0.006%
48	6.834	6.807	6.896	VV	106	4330	0.08%	0.012%
49	6.965	6.896	7.065	VV	108	6803	0.13%	0.018%
50	7.080	7.065	7.175	PV	135	2316	0.04%	0.006%
51	7.230	7.175	7.285	VV	241	9314	0.17%	0.025%
52	7.291	7.285	7.341	VV	185	4196	0.08%	0.011%
53	7.392	7.341	7.438	VV	271	9305	0.17%	0.025%
54	7.450	7.438	7.488	VV	115	2524	0.05%	0.007%
55	7.520	7.488	7.555	VV	116	3888	0.07%	0.010%
56	7.573	7.555	7.608	VV	92	2105	0.04%	0.006%
57	7.626	7.608	7.732	VV	221	4565	0.08%	0.012%
58	7.749	7.732	7.855	PV	76	3946	0.07%	0.011%
59	7.910	7.855	7.987	VV	863	12950	0.24%	0.035%
60	8.004	7.987	8.022	VV	49	809	0.02%	0.002%
61	8.083	8.022	8.136	PV	862	17102	0.32%	0.046%
62	8.237	8.136	8.278	VV	171	7388	0.14%	0.020%
63	8.300	8.278	8.354	VV	433	9455	0.18%	0.025%
64	8.379	8.354	8.408	VV	349	4995	0.09%	0.013%
65	8.436	8.408	8.461	VV	470	7711	0.14%	0.021%
66	8.504	8.461	8.540	VV	3273	45338	0.84%	0.121%
67	8.565	8.540	8.590	VV	407	7261	0.14%	0.019%
68	8.661	8.590	8.692	VV	585	21289	0.40%	0.057%
69	8.706	8.692	8.742	VV	303	5612	0.10%	0.015%
70	8.759	8.742	8.815	VV	148	5159	0.10%	0.014%
71	8.886	8.815	8.913	PV	303	11262	0.21%	0.030%
72	8.963	8.913	8.979	VV	343	11226	0.21%	0.030%
73	9.056	8.979	9.112	VV	882	31491	0.59%	0.084%
74	9.136	9.112	9.192	VV	675	17003	0.32%	0.045%
75	9.250	9.192	9.325	VV	778	27191	0.51%	0.073%
76	9.344	9.325	9.369	VV	512	9551	0.18%	0.025%
77	9.385	9.369	9.444	VV	385	9369	0.17%	0.025%
78	9.463	9.444	9.478	PV	191	2628	0.05%	0.007%
79	9.533	9.478	9.602	VV	306	10226	0.19%	0.027%
80	9.638	9.602	9.658	VV	94	1866	0.03%	0.005%
81	9.729	9.658	9.782	PV	466	17802	0.33%	0.048%
82	9.801	9.782	9.825	VV	246	4922	0.09%	0.013%
83	9.876	9.825	9.928	VV	195	7694	0.14%	0.021%
84	10.002	9.928	10.106	PV	22575	586501	10.91%	1.566%
85	10.122	10.106	10.205	VV	2752	93474	1.74%	0.250%
86	10.225	10.205	10.385	VV	1265	64205	1.19%	0.171%
87	10.404	10.385	10.425	VV	246	4773	0.09%	0.013%
88	10.471	10.425	10.542	VV	3091	70412	1.31%	0.188%
89	10.566	10.542	10.590	VV	483	13074	0.24%	0.035%

					rteres			
90	10.645	10.590	10.675	VV	654	22511	0.42%	0.060%
91	10.867	10.675	10.888	VV	1115	58486	1.09%	0.156%
92	10.938	10.888	11.015	VV	1545	57191	1.06%	0.153%
93	11.091	11.015	11.118	VV	1197	39652	0.74%	0.106%
94	11.154	11.118	11.215	VV	2294	88074	1.64%	0.235%
95	11.239	11.215	11.362	VV	1288	87387	1.63%	0.233%
96	11.385	11.362	11.415	VV	812	23860	0.44%	0.064%
97	11.504	11.415	11.522	VV	1230	62409	1.16%	0.167%
98	11.573	11.522	11.632	VV	2037	85623	1.59%	0.229%
99	11.659	11.632	11.702	VV	2298	67627	1.26%	0.181%
100	11.768	11.702	11.792	VV	1913	74975	1.39%	0.200%
101	11.817	11.792	11.838	VV	2394	47388	0.88%	0.127%
102	11.890	11.838	11.965	VV	473498	5375065	100.00%	14.351%
103	11.985	11.965	12.038	VV	3442	130567	2.43%	0.349%
104	12.055	12.038	12.075	VV	3234	60659	1.13%	0.162%
105	12.095	12.075	12.168	VV	2890	123353	2.29%	0.329%
106	12.243	12.168	12.265	VV	2542	111700	2.08%	0.298%
107	12.299	12.265	12.324	VV	2919	78350	1.46%	0.209%
108	12.350	12.324	12.428	VV	2457	129558	2.41%	0.346%
109	12.502	12.428	12.644	VV	16691	440538	8.20%	1.176%
110	12.695	12.644	12.714	VV	2081	81014	1.51%	0.216%
111	12.738	12.714	12.785	VV	2152	80709	1.50%	0.215%
112	12.835	12.785	12.862	VV	2633	105961	1.97%	0.283%
113	12.886	12.862	12.923	VV	3063	86371	1.61%	0.231%
114	12.958	12.923	13.092	VV	19353	457580	8.51%	1.222%
115	13.146	13.092	13.192	VV	1998	102125	1.90%	0.273%
116	13.257	13.192	13.302	VV	15308	343171	6.38%	0.916%
117	13.335	13.302	13.406	VV	347881	4309110	80.17%	11.505%
118	13.429	13.406	13.478	VV	2961	87864	1.63%	0.235%
119	13.501	13.478	13.521	VV	2422	47509	0.88%	0.127%
120	13.547	13.521	13.612	VV	2694	98436	1.83%	0.263%
121	13.628	13.612	13.648	VV	1483	30924	0.58%	0.083%
122	13.726	13.648	13.792	VV	2202	130535	2.43%	0.349%
123	13.862	13.792	13.942	VV	2728	134016	2.49%	0.358%
124	13.972	13.942	13.989	VV	1754	41670	0.78%	0.111%
125	14.041	13.989	14.068	VV	3429	93882	1.75%	0.251%
126	14.126	14.068	14.158	VV	1860	78352	1.46%	0.209%
127	14.176	14.158	14.215	VV	1338	33264	0.62%	0.089%
128	14.230	14.215	14.278	VV	906	25351	0.47%	0.068%
129	14.333	14.278	14.408	VV	1463	58744	1.09%	0.157%
130	14.473	14.408	14.502	VV	10313	174338	3.24%	0.465%
131	14.520	14.502	14.612	VV	4343	124808	2.32%	0.333%
132	14.650	14.612	14.739	VV	2019	93572	1.74%	0.250%
133	14.786	14.739	14.815	VV	1750	53533	1.00%	0.143%
134	14.836	14.815	14.871	VV	2514	54448	1.01%	0.145%
135	14.897	14.871	14.923	VV	1835	40718	0.76%	0.109%
136	14.937	14.923	15.007	VV	1072	31731	0.59%	0.085%
137	15.039	15.007	15.088	VV	1394	34777	0.65%	0.093%
138	15.152	15.088	15.172	VV	9257	158234	2.94%	0.422%
139	15.191	15.172	15.278	VV	10497	247150	4.60%	0.660%
140	15.307	15.278	15.338	VV	2492	44817	0.83%	0.120%
141	15.355	15.338	15.414	VV	661	18873	0.35%	0.050%

					rteres			
142	15.503	15.414	15.545	PV	1000	37875	0.70%	0.101%
143	15.578	15.545	15.695	VV	27353	474408	8.83%	1.267%
144	15.721	15.695	15.755	VV	1980	45576	0.85%	0.122%
145	15.781	15.755	15.808	VV	2226	34024	0.63%	0.091%
146	15.835	15.808	15.905	PV	1608	53637	1.00%	0.143%
147	15.929	15.905	15.947	VV	876	18399	0.34%	0.049%
148	15.993	15.947	16.069	VV	2068	77654	1.44%	0.207%
149	16.098	16.069	16.142	VV	2382	39335	0.73%	0.105%
150	16.221	16.142	16.258	VV	1165	35805	0.67%	0.096%
151	16.285	16.258	16.332	VV	1538	38792	0.72%	0.104%
152	16.349	16.332	16.374	VV	689	11108	0.21%	0.030%
153	16.422	16.374	16.454	VV	1825	31702	0.59%	0.085%
154	16.516	16.454	16.548	PV	2752	65162	1.21%	0.174%
155	16.595	16.548	16.665	VV	15650	322731	6.00%	0.862%
156	16.716	16.665	16.825	VV	14595	445627	8.29%	1.190%
157	16.851	16.825	16.938	VV	2338	60504	1.13%	0.162%
158	16.987	16.938	17.012	PV	1951	45617	0.85%	0.122%
159	17.041	17.012	17.073	VV	7821	143094	2.66%	0.382%
160	17.106	17.073	17.189	VV	8945	260043	4.84%	0.694%
161	17.249	17.189	17.314	VV	7251	160915	2.99%	0.430%
162	17.417	17.314	17.455	PV	1461	57589	1.07%	0.154%
163	17.539	17.455	17.582	VV	15319	298308	5.55%	0.796%
164	17.622	17.582	17.669	VV	11378	202978	3.78%	0.542%
165	17.713	17.669	17.802	VV	2397	108799	2.02%	0.290%
166	17.823	17.802	17.855	VV	822	17014	0.32%	0.045%
167	17.904	17.855	17.928	VV	932	15630	0.29%	0.042%
168	18.061	17.928	18.089	PV	4416	154306	2.87%	0.412%
169	18.150	18.089	18.255	VV	7762	290199	5.40%	0.775%
170	18.287	18.255	18.342	VV	3996	86012	1.60%	0.230%
171	18.422	18.342	18.464	VV	21053	607869	11.31%	1.623%
172	18.487	18.464	18.550	VV	25057	568059	10.57%	1.517%
173	18.574	18.550	18.612	VV	5749	147281	2.74%	0.393%
174	18.629	18.612	18.678	VV	2671	91632	1.70%	0.245%
175	18.743	18.678	18.805	VV	7218	274557	5.11%	0.733%
176	18.890	18.805	18.938	VV	11543	451284	8.40%	1.205%
177	18.997	18.938	19.028	VV	11970	332210	6.18%	0.887%
178	19.059	19.028	19.111	VV	7656	286918	5.34%	0.766%
179	19.250	19.111	19.277	VV	39364	1349140	25.10%	3.602%
180	19.294	19.277	19.339	VV	22684	591905	11.01%	1.580%
181	19.412	19.339	19.468	VV	12527	783499	14.58%	2.092%
182	19.535	19.468	19.558	VV	16049	622085	11.57%	1.661%
183	19.587	19.558	19.634	VV	15660	640151	11.91%	1.709%
184	19.677	19.634	19.717	VV	12706	578401	10.76%	1.544%
185	19.745	19.717	19.762	VV	13545	311965	5.80%	0.833%
186	19.786	19.762	19.838	VV	15723	496422	9.24%	1.325%
187	19.857	19.838	19.878	VV	7517	165738	3.08%	0.443%
188	19.916	19.878	19.938	VV	7829	253167	4.71%	0.676%
189	19.959	19.938	19.995	VV	6999	230698	4.29%	0.616%
190	20.028	19.995	20.145	VV	15556	772646	14.37%	2.063%
191	20.196	20.145	20.220	VV	7026	239111	4.45%	0.638%
192	20.240	20.220	20.265	VV	5800	140271	2.61%	0.375%
193	20.305	20.265	20.338	VV	7834	283050	5.27%	0.756%
194	20.423	20.338	20.489	VV	7382	618121	11.50%	1.650%

					rteres			
195	20.581	20.489	20.615	VV	10418	598901	11.14%	1.599%
196	20.717	20.615	20.745	VV	15617	770233	14.33%	2.057%
197	20.822	20.745	20.928	VV	15779	1339401	24.92%	3.576%
198	20.953	20.928	20.992	VV	9838	338721	6.30%	0.904%
199	21.064	20.992	21.118	VV	8020	581586	10.82%	1.553%
200	21.148	21.118	21.187	VV	8142	307717	5.72%	0.822%
201	21.259	21.187	21.321	VV	8332	564661	10.51%	1.508%
202	21.370	21.321	21.440	VV	6830	454713	8.46%	1.214%
203	21.458	21.440	21.537	VV	5585	291933	5.43%	0.779%
204	21.594	21.537	21.612	VV	4964	212918	3.96%	0.568%
205	21.646	21.612	21.721	VV	4959	282458	5.25%	0.754%
206	21.785	21.721	21.872	VV	3716	312467	5.81%	0.834%
207	21.936	21.872	21.975	VV	3385	188829	3.51%	0.504%
208	22.035	21.975	22.070	VV	3368	178063	3.31%	0.475%
209	22.148	22.070	22.165	VV	3058	162912	3.03%	0.435%
210	22.179	22.165	22.198	VV	2892	56282	1.05%	0.150%
211	22.280	22.198	22.402	VBA	2666	247701	4.61%	0.661%
Sum of corrected areas:						37453163		

Aliphatic EPH 051225.M Sat May 17 02:00:23 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	4	SDG No.:	Q2021
Lab Sample ID:	Q2021-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
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
05/15/25 13:40	05/16/25 17:53	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.69		1	1.03	4.53	mg/kg	FG015856.D
Total EPH	Total EPH	6.69			1.03	4.53	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	4	SDG No.:	Q2021
Lab Sample ID:	Q2021-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
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
FG015856.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.69		1.03	4.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.0		1.34	2.27	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.5		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.1		40 - 140	74%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-06	Acq On:	16 May 2025 17:53
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FG015856.D	Misc:	
Instrument:	FID_G	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	237011	2.088	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1780235	15.252	200	ug/ml
Aliphatic C16-C21	10.227	13.601	4975584	40.717	300	ug/ml
Aliphatic C21-C28	13.602	17.272	3914267	32.58	400	ug/ml
Aliphatic C28-C40	17.273	22.179	14648854	132.649	600	ug/ml
Aliphatic EPH	3.136	22.179	25555951	223.285		ug/ml
ortho-Terphenyl (SURR)	11.890	11.890	5522492	37.09		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4435568	38.5		ug/ml
Aliphatic C9-C28	3.136	17.272	10907097	90.637	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015856.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 17:53
 Operator : YP\AJ
 Sample : Q2021-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 4

Integration File: autoint1.e
 Quant Time: May 17 00:44:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.890	5522492	37.092 ug/ml
Spiked Amount	50.000	Recovery	= 74.18%
12) S 1-chlorooctadecane (S...	13.335	4435568	38.503 ug/ml
Spiked Amount	50.000	Recovery	= 77.01%

Target Compounds

(f)=RT Delta > 1/2 Window

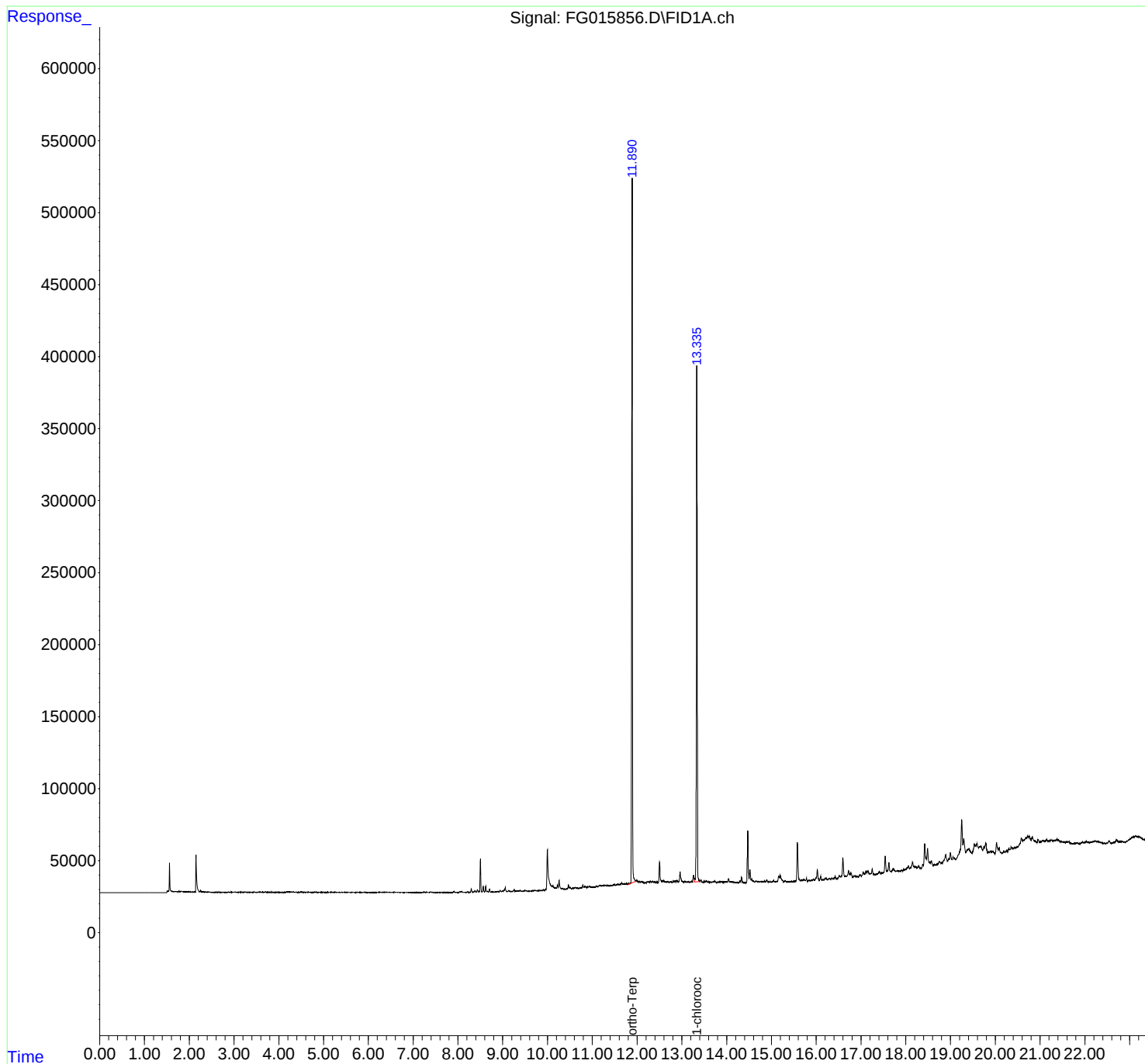
(m)=manual int.

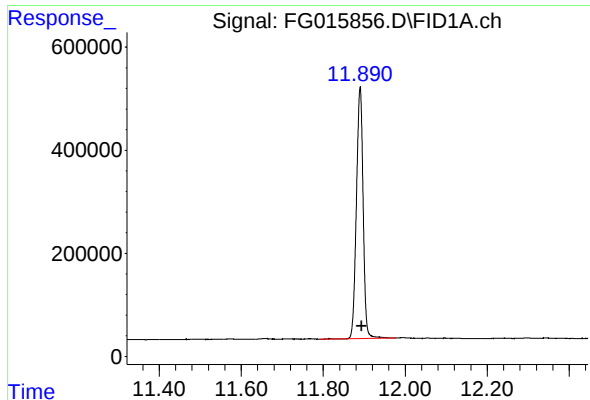
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015856.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 17:53
Operator : YP\AJ
Sample : Q2021-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
4

Integration File: autoint1.e
Quant Time: May 17 00:44:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

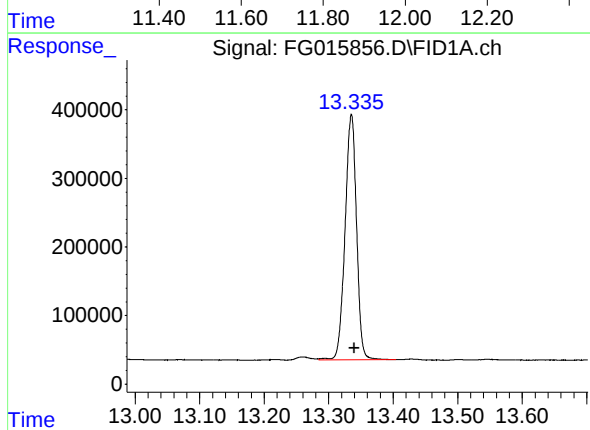




#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.004 min
Response: 5522492
Conc: 37.09 ug/ml

Instrument :
FID_G
ClientSampleId :
4



#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.004 min
Response: 4435568
Conc: 38.50 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015856.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 17:53
Sample : Q2021-06
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.243	3.221	3.310	BV	58	1444	0.02%	0.004%
2	3.324	3.310	3.371	PV	92	1147	0.02%	0.003%
3	3.387	3.371	3.397	VV	41	616	0.01%	0.002%
4	3.406	3.397	3.418	VV	39	587	0.01%	0.002%
5	3.446	3.418	3.466	VV	120	2127	0.04%	0.006%
6	3.473	3.466	3.502	VV	93	1575	0.03%	0.004%
7	3.514	3.502	3.535	VV	107	1406	0.02%	0.004%
8	3.549	3.535	3.561	VV	110	1384	0.02%	0.004%
9	3.583	3.561	3.610	VV	136	3145	0.05%	0.009%
10	3.630	3.610	3.661	VV	115	2271	0.04%	0.006%
11	3.668	3.661	3.675	VV	96	523	0.01%	0.001%
12	3.688	3.675	3.738	VV	168	3122	0.05%	0.009%
13	3.751	3.738	3.798	VV	76	1840	0.03%	0.005%
14	3.826	3.798	3.885	VV	163	3746	0.06%	0.010%
15	3.916	3.885	3.934	VV	121	2134	0.04%	0.006%
16	3.942	3.934	4.001	VV	100	2147	0.04%	0.006%
17	4.007	4.001	4.041	VV	87	1443	0.02%	0.004%
18	4.047	4.041	4.057	VV	75	565	0.01%	0.002%
19	4.066	4.057	4.115	VV	119	2501	0.04%	0.007%
20	4.176	4.115	4.191	VV	203	5425	0.09%	0.015%
21	4.196	4.191	4.207	VV	257	1770	0.03%	0.005%
22	4.234	4.207	4.315	VV	210	12155	0.21%	0.034%
23	4.329	4.315	4.401	VV	221	7435	0.13%	0.020%
24	4.417	4.401	4.435	VV	148	2298	0.04%	0.006%
25	4.447	4.435	4.478	VV	192	2973	0.05%	0.008%
26	4.499	4.478	4.552	VV	250	7314	0.13%	0.020%
27	4.565	4.552	4.608	VV	137	3231	0.06%	0.009%
28	4.619	4.608	4.647	VV	203	2797	0.05%	0.008%
29	4.668	4.647	4.695	VV	212	4368	0.07%	0.012%
30	4.713	4.695	4.761	VV	177	4837	0.08%	0.013%
31	4.778	4.761	4.791	VV	145	1775	0.03%	0.005%
32	4.805	4.791	4.891	VV	164	6977	0.12%	0.019%
33	4.901	4.891	4.931	VV	217	4086	0.07%	0.011%
34	4.934	4.931	4.949	VV	206	1641	0.03%	0.005%
35	4.978	4.949	5.025	VV	208	7367	0.13%	0.020%
36	5.033	5.025	5.115	VV	198	6860	0.12%	0.019%

					rteres			
37	5.124	5.115	5.135	VV	81	832	0.01%	0.002%
38	5.160	5.135	5.194	VV	147	3735	0.06%	0.010%
39	5.203	5.194	5.321	VV	145	7308	0.13%	0.020%
40	5.340	5.321	5.398	VV	164	3751	0.06%	0.010%
41	5.409	5.398	5.449	VV	134	3340	0.06%	0.009%
42	5.474	5.449	5.495	VV	198	3930	0.07%	0.011%
43	5.506	5.495	5.588	VV	167	4890	0.08%	0.013%
44	5.640	5.588	5.715	PV	145	4918	0.08%	0.014%
45	5.728	5.715	5.748	VV	172	1972	0.03%	0.005%
46	5.833	5.748	5.888	VV	209	10646	0.18%	0.029%
47	5.896	5.888	5.912	VV	154	1949	0.03%	0.005%
48	5.930	5.912	5.949	VV	180	3114	0.05%	0.009%
49	5.954	5.949	5.978	VV	125	1314	0.02%	0.004%
50	5.994	5.978	6.011	VV	125	1897	0.03%	0.005%
51	6.022	6.011	6.089	VV	157	3254	0.06%	0.009%
52	6.105	6.089	6.135	VV	97	1268	0.02%	0.003%
53	6.248	6.135	6.305	PV	277	13745	0.24%	0.038%
54	6.311	6.305	6.328	VV	225	2623	0.05%	0.007%
55	6.337	6.328	6.374	VV	195	5093	0.09%	0.014%
56	6.391	6.374	6.422	VV	371	6813	0.12%	0.019%
57	6.473	6.422	6.518	VV	212	7475	0.13%	0.021%
58	6.552	6.518	6.590	VV	330	9247	0.16%	0.025%
59	6.606	6.590	6.635	VV	180	3813	0.07%	0.011%
60	6.639	6.635	6.689	VV	156	4719	0.08%	0.013%
61	6.698	6.689	6.705	VV	167	1232	0.02%	0.003%
62	6.712	6.705	6.731	VV	125	1615	0.03%	0.004%
63	6.747	6.731	6.761	VV	146	2315	0.04%	0.006%
64	6.765	6.761	6.810	VV	171	3171	0.05%	0.009%
65	6.824	6.810	6.850	VV	207	3501	0.06%	0.010%
66	6.862	6.850	6.895	VV	153	2992	0.05%	0.008%
67	6.903	6.895	6.934	VV	142	2793	0.05%	0.008%
68	6.955	6.934	6.970	VV	154	2357	0.04%	0.006%
69	6.990	6.970	7.028	VV	122	3387	0.06%	0.009%
70	7.061	7.028	7.109	PV	111	2956	0.05%	0.008%
71	7.141	7.109	7.161	VV	124	2015	0.03%	0.006%
72	7.170	7.161	7.209	VV	113	2763	0.05%	0.008%
73	7.251	7.209	7.265	VV	233	6130	0.11%	0.017%
74	7.298	7.265	7.350	VV	224	8187	0.14%	0.023%
75	7.393	7.350	7.485	VV	343	14239	0.24%	0.039%
76	7.536	7.485	7.551	VV	117	3264	0.06%	0.009%
77	7.559	7.551	7.607	VV	142	2679	0.05%	0.007%
78	7.630	7.607	7.665	VV	172	2829	0.05%	0.008%
79	7.678	7.665	7.700	VV	69	604	0.01%	0.002%
80	7.712	7.700	7.722	VV	47	356	0.01%	0.001%
81	7.735	7.722	7.784	VV	77	1184	0.02%	0.003%
82	7.807	7.784	7.868	PV	94	1624	0.03%	0.004%
83	7.910	7.868	8.002	PV	863	13536	0.23%	0.037%
84	8.045	8.002	8.065	PV	716	9007	0.15%	0.025%
85	8.083	8.065	8.138	VV	856	12820	0.22%	0.035%
86	8.224	8.138	8.255	VV	276	9227	0.16%	0.025%
87	8.264	8.255	8.274	VV	195	1933	0.03%	0.005%
88	8.300	8.274	8.355	VV	2521	33668	0.58%	0.093%
89	8.380	8.355	8.405	VV	1294	17320	0.30%	0.048%

					rteres			
90	8.435	8.405	8.463	VV	1843	25963	0.45%	0.072%
91	8.503	8.463	8.541	VV	23329	257781	4.42%	0.711%
92	8.566	8.541	8.594	VV	3999	50369	0.86%	0.139%
93	8.620	8.594	8.645	VV	4100	50730	0.87%	0.140%
94	8.662	8.645	8.681	VV	607	9620	0.17%	0.027%
95	8.707	8.681	8.737	VV	2314	27749	0.48%	0.076%
96	8.766	8.737	8.806	VV	270	6371	0.11%	0.018%
97	8.871	8.806	8.887	PV	460	11288	0.19%	0.031%
98	8.899	8.887	8.915	VV	410	5308	0.09%	0.015%
99	8.943	8.915	8.976	VV	1304	21317	0.37%	0.059%
100	8.996	8.976	9.012	VV	735	11802	0.20%	0.033%
101	9.057	9.012	9.109	VV	2636	60342	1.04%	0.166%
102	9.132	9.109	9.185	VV	888	17318	0.30%	0.048%
103	9.204	9.185	9.219	VV	309	4139	0.07%	0.011%
104	9.253	9.219	9.276	VV	1399	25063	0.43%	0.069%
105	9.293	9.276	9.324	VV	653	11970	0.21%	0.033%
106	9.344	9.324	9.365	VV	560	9461	0.16%	0.026%
107	9.381	9.365	9.420	VV	689	13819	0.24%	0.038%
108	9.435	9.420	9.445	VV	227	2989	0.05%	0.008%
109	9.462	9.445	9.477	VV	483	5776	0.10%	0.016%
110	9.496	9.477	9.515	VV	962	11968	0.21%	0.033%
111	9.526	9.515	9.563	VV	420	8702	0.15%	0.024%
112	9.583	9.563	9.631	VV	308	5834	0.10%	0.016%
113	9.705	9.631	9.718	PV	511	13412	0.23%	0.037%
114	9.728	9.718	9.776	VV	529	11425	0.20%	0.031%
115	9.801	9.776	9.821	VV	333	7059	0.12%	0.019%
116	9.840	9.821	9.855	VV	408	6024	0.10%	0.017%
117	9.873	9.855	9.885	VV	356	5408	0.09%	0.015%
118	9.906	9.885	9.928	VV	942	12990	0.22%	0.036%
119	9.956	9.928	9.968	VV	1216	15654	0.27%	0.043%
120	9.999	9.968	10.104	VV	28257	701730	12.04%	1.934%
121	10.122	10.104	10.196	VV	3454	121953	2.09%	0.336%
122	10.225	10.196	10.241	VV	3968	67530	1.16%	0.186%
123	10.261	10.241	10.314	VV	6933	130121	2.23%	0.359%
124	10.326	10.314	10.397	VV	1171	44013	0.76%	0.121%
125	10.408	10.397	10.421	VV	765	10170	0.17%	0.028%
126	10.470	10.421	10.538	VV	3629	104468	1.79%	0.288%
127	10.566	10.538	10.590	VV	1150	33273	0.57%	0.092%
128	10.616	10.590	10.704	VV	1524	77775	1.33%	0.214%
129	10.731	10.704	10.741	VV	1091	22123	0.38%	0.061%
130	10.790	10.741	10.813	VV	3197	74534	1.28%	0.205%
131	10.834	10.813	10.851	VV	2040	40091	0.69%	0.111%
132	10.866	10.851	10.885	VV	1777	31489	0.54%	0.087%
133	10.906	10.885	10.916	VV	1593	28815	0.49%	0.079%
134	10.938	10.916	10.958	VV	2274	46113	0.79%	0.127%
135	10.969	10.958	10.976	VV	1500	16208	0.28%	0.045%
136	10.988	10.976	11.007	VV	1499	25800	0.44%	0.071%
137	11.091	11.007	11.119	VV	1863	99919	1.71%	0.275%
138	11.164	11.119	11.223	VV	2324	127444	2.19%	0.351%
139	11.245	11.223	11.273	VV	2370	65386	1.12%	0.180%
140	11.289	11.273	11.368	VV	2348	119419	2.05%	0.329%
141	11.391	11.368	11.411	VV	2141	51302	0.88%	0.141%

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142	11.499	11.411	11.523	VV	2556	147878	2.54%	0.408%
143	11.572	11.523	11.591	VV	3116	103195	1.77%	0.284%
144	11.602	11.591	11.607	VV	2554	24258	0.42%	0.067%
145	11.615	11.607	11.630	VV	2595	34215	0.59%	0.094%
146	11.656	11.630	11.691	VV	3555	104555	1.79%	0.288%
147	11.710	11.691	11.751	VV	3063	97427	1.67%	0.269%
148	11.767	11.751	11.795	VV	3215	71392	1.23%	0.197%
149	11.818	11.795	11.836	VV	3199	68932	1.18%	0.190%
150	11.890	11.836	11.978	VV	494451	5826445	100.00%	16.061%
151	11.995	11.978	12.040	VV	5044	162763	2.79%	0.449%
152	12.055	12.040	12.076	VV	4316	82921	1.42%	0.229%
153	12.096	12.076	12.113	VV	4097	83526	1.43%	0.230%
154	12.126	12.113	12.158	VV	3701	89630	1.54%	0.247%
155	12.187	12.158	12.205	VV	3270	85739	1.47%	0.236%
156	12.240	12.205	12.263	VV	3840	122706	2.11%	0.338%
157	12.296	12.263	12.322	VV	4385	130272	2.24%	0.359%
158	12.344	12.322	12.367	VV	4033	98765	1.70%	0.272%
159	12.382	12.367	12.420	VV	3422	100449	1.72%	0.277%
160	12.460	12.420	12.471	VV	3155	94203	1.62%	0.260%
161	12.502	12.471	12.585	VV	16877	406264	6.97%	1.120%
162	12.597	12.585	12.621	VV	3723	71984	1.24%	0.198%
163	12.633	12.621	12.645	VV	3280	46048	0.79%	0.127%
164	12.659	12.645	12.676	VV	3453	61763	1.06%	0.170%
165	12.693	12.676	12.730	VV	3330	98894	1.70%	0.273%
166	12.744	12.730	12.788	VV	3110	102676	1.76%	0.283%
167	12.812	12.788	12.838	VV	3472	95959	1.65%	0.265%
168	12.845	12.838	12.867	VV	3434	56538	0.97%	0.156%
169	12.886	12.867	12.935	VV	3910	131292	2.25%	0.362%
170	12.961	12.935	13.028	VV	9783	275730	4.73%	0.760%
171	13.034	13.028	13.051	VV	2891	38486	0.66%	0.106%
172	13.068	13.051	13.105	VV	3191	90072	1.55%	0.248%
173	13.123	13.105	13.133	VV	2630	43320	0.74%	0.119%
174	13.144	13.133	13.175	VV	2687	62712	1.08%	0.173%
175	13.218	13.175	13.235	VV	2940	93401	1.60%	0.257%
176	13.260	13.235	13.285	VV	6859	141537	2.43%	0.390%
177	13.335	13.285	13.405	VV	359404	4621427	79.32%	12.739%
178	13.428	13.405	13.482	VV	3685	121913	2.09%	0.336%
179	13.503	13.482	13.521	VV	2745	56296	0.97%	0.155%
180	13.546	13.521	13.615	VV	3143	129410	2.22%	0.357%
181	13.629	13.615	13.673	VV	2046	67009	1.15%	0.185%
182	13.730	13.673	13.783	VV	2494	130777	2.24%	0.360%
183	13.814	13.783	13.836	VV	1796	53286	0.91%	0.147%
184	13.866	13.836	13.930	VV	2037	98704	1.69%	0.272%
185	13.943	13.930	13.960	VV	1819	29121	0.50%	0.080%
186	13.979	13.960	13.998	VV	1842	37473	0.64%	0.103%
187	14.008	13.998	14.018	VV	1623	19552	0.34%	0.054%
188	14.042	14.018	14.070	VV	3636	74516	1.28%	0.205%
189	14.090	14.070	14.101	VV	1730	29075	0.50%	0.080%
190	14.121	14.101	14.163	VV	1807	55344	0.95%	0.153%
191	14.176	14.163	14.221	VV	1259	36595	0.63%	0.101%
192	14.234	14.221	14.265	VV	1129	24409	0.42%	0.067%
193	14.297	14.265	14.311	VV	1985	36346	0.62%	0.100%
194	14.333	14.311	14.388	VV	4521	86109	1.48%	0.237%

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195	14.409	14.388	14.422	VV	664	12454	0.21%	0.034%
196	14.472	14.422	14.500	VV	36404	505540	8.68%	1.394%
197	14.519	14.500	14.546	VV	9623	158029	2.71%	0.436%
198	14.560	14.546	14.583	VV	3226	53262	0.91%	0.147%
199	14.597	14.583	14.629	VV	1730	36718	0.63%	0.101%
200	14.651	14.629	14.697	VV	1675	50773	0.87%	0.140%
201	14.711	14.697	14.745	VV	1348	29654	0.51%	0.082%
202	14.765	14.745	14.819	VV	1283	42830	0.74%	0.118%
203	14.841	14.819	14.868	VV	1296	28151	0.48%	0.078%
204	14.896	14.868	14.934	VV	2115	46655	0.80%	0.129%
205	14.950	14.934	14.978	VV	674	15400	0.26%	0.042%
206	14.994	14.978	15.014	VV	645	10913	0.19%	0.030%
207	15.045	15.014	15.067	VV	1505	31052	0.53%	0.086%
208	15.077	15.067	15.095	VV	731	9168	0.16%	0.025%
209	15.121	15.095	15.131	VV	783	13787	0.24%	0.038%
210	15.162	15.131	15.180	VV	4436	84082	1.44%	0.232%
211	15.197	15.180	15.274	VV	4717	133184	2.29%	0.367%
212	15.311	15.274	15.344	VV	976	24190	0.42%	0.067%
213	15.354	15.344	15.368	VV	298	3644	0.06%	0.010%
214	15.388	15.368	15.413	VV	372	6077	0.10%	0.017%
215	15.467	15.413	15.478	PV	262	6745	0.12%	0.019%
216	15.508	15.478	15.538	VV	440	11157	0.19%	0.031%
217	15.579	15.538	15.645	VV	27119	453808	7.79%	1.251%
218	15.662	15.645	15.679	VV	837	15062	0.26%	0.042%
219	15.691	15.679	15.700	VV	697	8763	0.15%	0.024%
220	15.720	15.700	15.756	VV	1463	32537	0.56%	0.090%
221	15.782	15.756	15.810	VV	1876	27011	0.46%	0.074%
222	15.839	15.810	15.867	PV	625	9775	0.17%	0.027%
223	15.885	15.867	15.911	VV	348	7109	0.12%	0.020%
224	15.936	15.911	15.951	VV	752	12619	0.22%	0.035%
225	16.024	15.951	16.071	VV	7330	148706	2.55%	0.410%
226	16.098	16.071	16.141	VV	2640	38380	0.66%	0.106%
227	16.217	16.141	16.260	PV	979	32426	0.56%	0.089%
228	16.284	16.260	16.325	VV	700	16373	0.28%	0.045%
229	16.348	16.325	16.372	VV	1082	15524	0.27%	0.043%
230	16.425	16.372	16.449	VV	1696	34269	0.59%	0.094%
231	16.515	16.449	16.535	PV	2367	48195	0.83%	0.133%
232	16.595	16.535	16.634	VV	13941	269812	4.63%	0.744%
233	16.651	16.634	16.680	VV	1387	36236	0.62%	0.100%
234	16.722	16.680	16.758	VV	4991	136254	2.34%	0.376%
235	16.775	16.758	16.823	VV	3431	71240	1.22%	0.196%
236	16.853	16.823	16.881	VV	1057	25306	0.43%	0.070%
237	16.901	16.881	16.935	VV	609	12060	0.21%	0.033%
238	16.974	16.935	17.006	PV	1454	31093	0.53%	0.086%
239	17.045	17.006	17.089	VV	2907	79436	1.36%	0.219%
240	17.113	17.089	17.132	VV	3644	67244	1.15%	0.185%
241	17.152	17.132	17.198	VV	3231	88210	1.51%	0.243%
242	17.218	17.198	17.227	VV	1407	21350	0.37%	0.059%
243	17.249	17.227	17.321	VV	4391	83688	1.44%	0.231%
244	17.412	17.321	17.448	PV	1632	60051	1.03%	0.166%
245	17.478	17.448	17.487	VV	777	14067	0.24%	0.039%
246	17.539	17.487	17.579	VV	12217	226636	3.89%	0.625%

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247	17.623	17.579	17.675	VV	7230	155558	2.67%	0.429%
248	17.716	17.675	17.729	VV	2130	51948	0.89%	0.143%
249	17.737	17.729	17.765	VV	2081	30254	0.52%	0.083%
250	17.775	17.765	17.795	VV	804	12082	0.21%	0.033%
251	17.824	17.795	17.848	VV	849	18571	0.32%	0.051%
252	17.906	17.848	17.926	VV	823	18203	0.31%	0.050%
253	17.951	17.926	17.971	PV	1155	17660	0.30%	0.049%
254	17.995	17.971	18.006	VV	1336	23909	0.41%	0.066%
255	18.059	18.006	18.085	VV	2926	86568	1.49%	0.239%
256	18.150	18.085	18.182	VV	5480	157117	2.70%	0.433%
257	18.197	18.182	18.216	VV	2275	41084	0.71%	0.113%
258	18.228	18.216	18.256	VV	1728	31717	0.54%	0.087%
259	18.286	18.256	18.342	VV	2457	55491	0.95%	0.153%
260	18.380	18.342	18.392	VV	2695	40750	0.70%	0.112%
261	18.422	18.392	18.464	VV	17067	378636	6.50%	1.044%
262	18.486	18.464	18.551	VV	13236	330655	5.68%	0.911%
263	18.571	18.551	18.613	VV	4285	103212	1.77%	0.285%
264	18.634	18.613	18.652	VV	1471	29070	0.50%	0.080%
265	18.699	18.652	18.721	VV	1697	57537	0.99%	0.159%
266	18.749	18.721	18.806	VV	3231	116652	2.00%	0.322%
267	18.891	18.806	18.935	VV	6956	303865	5.22%	0.838%
268	18.959	18.935	18.970	VV	4090	72450	1.24%	0.200%
269	18.996	18.970	19.031	VV	8193	194428	3.34%	0.536%
270	19.057	19.031	19.075	VV	4894	111788	1.92%	0.308%
271	19.088	19.075	19.118	VV	4206	94550	1.62%	0.261%
272	19.249	19.118	19.277	VV	29824	1009416	17.32%	2.782%
273	19.295	19.277	19.341	VV	16395	452924	7.77%	1.248%
274	19.396	19.341	19.476	VV	9022	628420	10.79%	1.732%
275	19.531	19.476	19.552	VV	11873	406150	6.97%	1.120%
276	19.589	19.552	19.623	VV	11819	452301	7.76%	1.247%
277	19.646	19.623	19.659	VV	9673	201333	3.46%	0.555%
278	19.676	19.659	19.718	VV	9982	304313	5.22%	0.839%
279	19.745	19.718	19.758	VV	9334	198688	3.41%	0.548%
280	19.785	19.758	19.835	VV	11502	367657	6.31%	1.013%
281	19.858	19.835	19.867	VV	5061	95119	1.63%	0.262%
282	19.888	19.867	19.925	VV	5308	170329	2.92%	0.470%
283	19.945	19.925	19.995	VV	4828	175911	3.02%	0.485%
284	20.027	19.995	20.070	VV	10787	317494	5.45%	0.875%
285	20.086	20.070	20.136	VV	6560	181854	3.12%	0.501%
286	20.143	20.136	20.153	VV	3119	31902	0.55%	0.088%
287	20.192	20.153	20.219	VV	4103	135961	2.33%	0.375%
288	20.248	20.219	20.269	VV	4235	113425	1.95%	0.313%
289	20.302	20.269	20.328	VV	5183	157618	2.71%	0.434%
290	20.352	20.328	20.368	VV	6083	128541	2.21%	0.354%
291	20.421	20.368	20.438	VV	5515	221046	3.79%	0.609%
292	20.461	20.438	20.479	VV	5574	135744	2.33%	0.374%
293	20.583	20.479	20.608	VV	11448	614106	10.54%	1.693%
294	20.619	20.608	20.628	VV	9834	117178	2.01%	0.323%
295	20.637	20.628	20.651	VV	9783	135612	2.33%	0.374%
296	20.681	20.651	20.695	VV	11230	279046	4.79%	0.769%
297	20.720	20.695	20.738	VV	12096	297305	5.10%	0.820%
298	20.755	20.738	20.794	VV	12009	367174	6.30%	1.012%
299	20.825	20.794	20.926	VV	10917	705512	12.11%	1.945%

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300	20.957	20.926	20.996	VV	8732	320531	5.50%	0.884%
301	21.065	20.996	21.110	VV	7700	487306	8.36%	1.343%
302	21.149	21.110	21.186	VV	7809	326791	5.61%	0.901%
303	21.252	21.186	21.289	VV	7172	420402	7.22%	1.159%
304	21.302	21.289	21.315	VV	6612	101926	1.75%	0.281%
305	21.379	21.315	21.503	VV	7153	677591	11.63%	1.868%
306	21.511	21.503	21.537	VV	4854	94460	1.62%	0.260%
307	21.547	21.537	21.570	VV	4492	86488	1.48%	0.238%
308	21.597	21.570	21.621	VV	4421	133367	2.29%	0.368%
309	21.635	21.621	21.737	VV	4320	228720	3.93%	0.630%
310	21.763	21.737	21.779	VV	2597	62371	1.07%	0.172%
311	21.819	21.779	21.867	VV	2648	126908	2.18%	0.350%
312	21.943	21.867	21.996	VV	2587	176742	3.03%	0.487%
313	22.041	21.996	22.124	VV	2559	168663	2.89%	0.465%
314	22.236	22.124	22.274	VV	2295	174451	2.99%	0.481%
315	22.286	22.274	22.401	VBA	1699	99212	1.70%	0.273%

Sum of corrected areas: 36277490

Aliphatic EPH 051225.M Sat May 17 02:00:55 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	5	SDG No.:	Q2021
Lab Sample ID:	Q2021-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
05/15/25 13:40	05/16/25 18:22	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.01		1	1.05	4.61	mg/kg	FG015857.D
Total EPH	Total EPH	8.01			1.05	4.61	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	5	SDG No.:	Q2021
Lab Sample ID:	Q2021-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
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
FG015857.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.01		1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.4		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.5		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.4		40 - 140	75%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-07	Acq On:	16 May 2025 18:22
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FG015857.D	Misc:	
Instrument:	FID_G	ALS Vial:	35
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	260761	2.297	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1330130	11.395	200	ug/ml
Aliphatic C16-C21	10.227	13.601	4965591	40.635	300	ug/ml
Aliphatic C21-C28	13.602	17.272	6012665	50.045	400	ug/ml
Aliphatic C28-C40	17.273	22.179	20667644	187.15	600	ug/ml
Aliphatic EPH	3.136	22.179	33236791	291.523		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5563170	37.36		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4439184	38.53		ug/ml
Aliphatic C9-C28	3.136	17.272	12569147	104.372	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015857.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 18:22
Operator : YP\AJ
Sample : Q2021-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: May 17 00:44:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 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)	11.891	5563170	37.365 ug/ml
Spiked Amount	50.000	Recovery	= 74.73%
12) S 1-chlorooctadecane (S...	13.335	4439184	38.535 ug/ml
Spiked Amount	50.000	Recovery	= 77.07%

Target Compounds

(f)=RT Delta > 1/2 Window

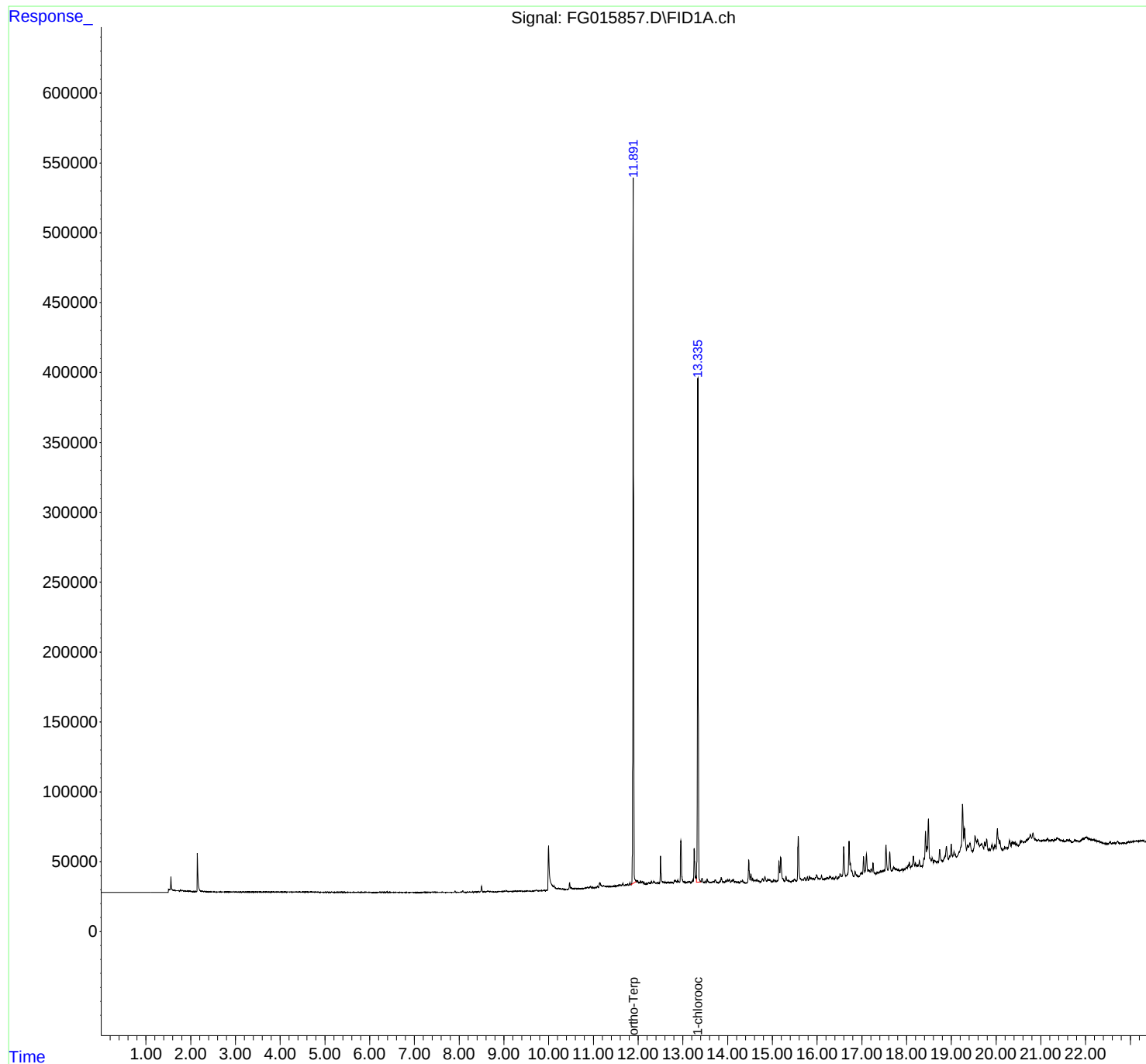
(m)=manual int.

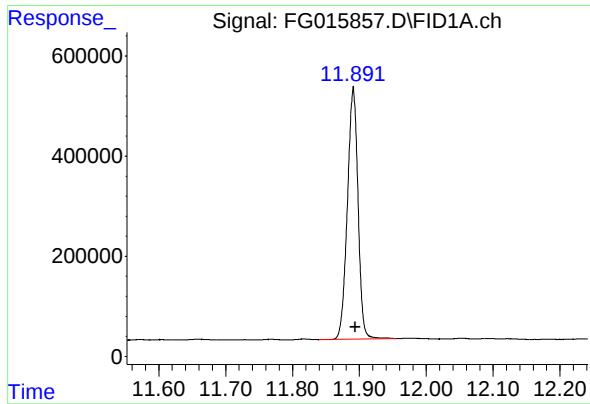
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015857.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 18:22
Operator : YP\AJ
Sample : Q2021-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: May 17 00:44:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

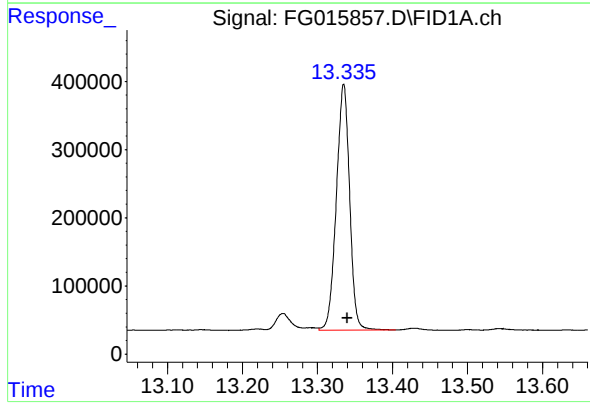




#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 5563170
Conc: 37.36 ug/ml

Instrument :
FID_G
ClientSampleId :
5



#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 4439184
Conc: 38.53 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015857.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 18:22
Sample : Q2021-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.243	3.222	3.282	BV	80	1632	0.03%	0.004%
2	3.291	3.282	3.299	VV	83	492	0.01%	0.001%
3	3.308	3.299	3.346	VV	99	1308	0.02%	0.003%
4	3.386	3.346	3.398	PV	128	2545	0.04%	0.006%
5	3.404	3.398	3.439	VV	102	2346	0.04%	0.005%
6	3.460	3.439	3.500	VV	172	3841	0.07%	0.009%
7	3.518	3.500	3.538	VV	188	2911	0.05%	0.007%
8	3.590	3.538	3.622	VV	222	6808	0.12%	0.016%
9	3.626	3.622	3.659	VV	124	1748	0.03%	0.004%
10	3.687	3.659	3.761	VV	170	6347	0.11%	0.015%
11	3.780	3.761	3.796	VV	123	2135	0.04%	0.005%
12	3.809	3.796	3.865	VV	140	3933	0.07%	0.009%
13	3.869	3.865	3.907	VV	132	1742	0.03%	0.004%
14	3.922	3.907	3.998	VV	122	4462	0.08%	0.010%
15	4.044	3.998	4.098	VV	208	8236	0.14%	0.019%
16	4.108	4.098	4.135	VV	160	2844	0.05%	0.007%
17	4.185	4.135	4.198	VV	277	7719	0.13%	0.018%
18	4.215	4.198	4.299	VV	278	14467	0.25%	0.033%
19	4.305	4.299	4.345	VV	269	6434	0.11%	0.015%
20	4.360	4.345	4.472	VV	202	12148	0.21%	0.028%
21	4.497	4.472	4.517	VV	310	5500	0.09%	0.013%
22	4.532	4.517	4.549	VV	217	3384	0.06%	0.008%
23	4.569	4.549	4.598	VV	213	4845	0.08%	0.011%
24	4.619	4.598	4.654	VV	236	5440	0.09%	0.012%
25	4.671	4.654	4.700	VV	243	5049	0.09%	0.012%
26	4.717	4.700	4.768	VV	199	6136	0.11%	0.014%
27	4.781	4.768	4.886	VV	206	10596	0.18%	0.024%
28	4.895	4.886	4.908	VV	137	1374	0.02%	0.003%
29	4.916	4.908	4.925	VV	138	1161	0.02%	0.003%
30	4.932	4.925	4.948	VV	151	1659	0.03%	0.004%
31	4.962	4.948	4.977	VV	134	1911	0.03%	0.004%
32	4.985	4.977	4.995	VV	165	1330	0.02%	0.003%
33	5.000	4.995	5.031	VV	140	2650	0.05%	0.006%
34	5.057	5.031	5.088	VV	224	4218	0.07%	0.010%
35	5.093	5.088	5.124	VV	103	1572	0.03%	0.004%
36	5.155	5.124	5.189	VV	185	4660	0.08%	0.011%

					rteres			
37	5.195	5.189	5.225	VV	127	1701	0.03%	0.004%
38	5.249	5.225	5.282	VV	156	3499	0.06%	0.008%
39	5.330	5.282	5.369	VV	151	5798	0.10%	0.013%
40	5.387	5.369	5.397	VV	147	1691	0.03%	0.004%
41	5.415	5.397	5.437	VV	164	2502	0.04%	0.006%
42	5.474	5.437	5.561	VV	199	8926	0.15%	0.020%
43	5.572	5.561	5.622	VV	79	2048	0.04%	0.005%
44	5.643	5.622	5.704	VV	189	4269	0.07%	0.010%
45	5.760	5.704	5.782	VV	161	4723	0.08%	0.011%
46	5.799	5.782	5.825	VV	253	4492	0.08%	0.010%
47	5.832	5.825	5.862	VV	143	2615	0.05%	0.006%
48	5.883	5.862	5.968	VV	163	6807	0.12%	0.016%
49	5.976	5.968	6.032	VV	109	3386	0.06%	0.008%
50	6.037	6.032	6.046	VV	72	436	0.01%	0.001%
51	6.081	6.046	6.155	VV	68	1600	0.03%	0.004%
52	6.168	6.155	6.185	VV	75	860	0.01%	0.002%
53	6.232	6.185	6.288	PV	238	8726	0.15%	0.020%
54	6.319	6.288	6.347	VV	197	5789	0.10%	0.013%
55	6.389	6.347	6.432	VV	433	10743	0.19%	0.025%
56	6.445	6.432	6.492	VV	175	4906	0.08%	0.011%
57	6.548	6.492	6.592	VV	299	9591	0.17%	0.022%
58	6.607	6.592	6.662	VV	168	4132	0.07%	0.009%
59	6.678	6.662	6.730	VV	212	3780	0.07%	0.009%
60	6.749	6.730	6.758	VV	111	1210	0.02%	0.003%
61	6.765	6.758	6.789	VV	102	948	0.02%	0.002%
62	6.798	6.789	6.808	VV	67	420	0.01%	0.001%
63	6.829	6.808	6.893	VV	187	4600	0.08%	0.011%
64	6.904	6.893	7.042	VV	124	5835	0.10%	0.013%
65	7.051	7.042	7.076	VV	47	670	0.01%	0.002%
66	7.093	7.076	7.131	VV	63	1064	0.02%	0.002%
67	7.244	7.131	7.287	PV	229	11458	0.20%	0.026%
68	7.298	7.287	7.344	VV	213	5124	0.09%	0.012%
69	7.396	7.344	7.435	VV	438	11963	0.21%	0.027%
70	7.456	7.435	7.479	VV	173	3544	0.06%	0.008%
71	7.499	7.479	7.508	VV	174	2270	0.04%	0.005%
72	7.512	7.508	7.565	VV	187	3902	0.07%	0.009%
73	7.570	7.565	7.598	VV	157	1896	0.03%	0.004%
74	7.626	7.598	7.675	VV	311	5946	0.10%	0.014%
75	7.682	7.675	7.708	VV	83	1005	0.02%	0.002%
76	7.747	7.708	7.766	VV	176	2646	0.05%	0.006%
77	7.801	7.766	7.852	VV	176	4078	0.07%	0.009%
78	7.858	7.852	7.869	VV	95	698	0.01%	0.002%
79	7.909	7.869	7.988	VV	1132	16605	0.29%	0.038%
80	8.000	7.988	8.019	PV	90	1036	0.02%	0.002%
81	8.055	8.019	8.064	VV	333	5300	0.09%	0.012%
82	8.082	8.064	8.134	VV	1198	16969	0.29%	0.039%
83	8.163	8.134	8.184	VV	112	2269	0.04%	0.005%
84	8.200	8.184	8.215	VV	215	2680	0.05%	0.006%
85	8.237	8.215	8.282	VV	237	6758	0.12%	0.015%
86	8.300	8.282	8.316	VV	298	4028	0.07%	0.009%
87	8.330	8.316	8.358	VV	322	4590	0.08%	0.011%
88	8.378	8.358	8.407	VV	432	6872	0.12%	0.016%
89	8.435	8.407	8.458	VV	616	9756	0.17%	0.022%

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90	8.504	8.458	8.540	VV	4310	59099	1.02%	0.135%
91	8.565	8.540	8.597	VV	523	9841	0.17%	0.023%
92	8.628	8.597	8.645	VV	617	12595	0.22%	0.029%
93	8.662	8.645	8.685	VV	768	12896	0.22%	0.030%
94	8.705	8.685	8.728	VV	499	7259	0.13%	0.017%
95	8.759	8.728	8.806	VV	217	6332	0.11%	0.014%
96	8.874	8.806	8.884	PV	340	6505	0.11%	0.015%
97	8.896	8.884	8.915	VV	297	4688	0.08%	0.011%
98	8.937	8.915	8.951	VV	378	6621	0.11%	0.015%
99	8.963	8.951	8.976	VV	388	4916	0.08%	0.011%
100	9.000	8.976	9.017	VV	478	8967	0.15%	0.021%
101	9.053	9.017	9.111	VV	835	21794	0.38%	0.050%
102	9.132	9.111	9.180	VV	395	9153	0.16%	0.021%
103	9.203	9.180	9.219	VV	286	4356	0.08%	0.010%
104	9.256	9.219	9.278	VV	584	13270	0.23%	0.030%
105	9.291	9.278	9.322	VV	273	5562	0.10%	0.013%
106	9.343	9.322	9.371	VV	633	10729	0.19%	0.025%
107	9.387	9.371	9.442	VV	370	8226	0.14%	0.019%
108	9.468	9.442	9.480	PV	105	1619	0.03%	0.004%
109	9.530	9.480	9.562	VV	279	9336	0.16%	0.021%
110	9.574	9.562	9.604	VV	169	2560	0.04%	0.006%
111	9.625	9.604	9.652	PV	135	2396	0.04%	0.005%
112	9.730	9.652	9.780	VV	645	24221	0.42%	0.055%
113	9.802	9.780	9.825	VV	387	6693	0.12%	0.015%
114	9.841	9.825	9.860	VV	228	3774	0.07%	0.009%
115	9.877	9.860	9.892	VV	242	3550	0.06%	0.008%
116	9.902	9.892	9.912	VV	222	1768	0.03%	0.004%
117	9.931	9.912	9.940	VV	166	2221	0.04%	0.005%
118	9.958	9.940	9.970	VV	354	4486	0.08%	0.010%
119	10.000	9.970	10.107	VV	32122	735254	12.70%	1.682%
120	10.123	10.107	10.190	VV	3437	102264	1.77%	0.234%
121	10.226	10.190	10.303	VV	1408	73197	1.26%	0.167%
122	10.320	10.303	10.385	VV	823	28579	0.49%	0.065%
123	10.404	10.385	10.428	VV	431	9530	0.16%	0.022%
124	10.470	10.428	10.536	VV	5067	107169	1.85%	0.245%
125	10.564	10.536	10.576	VV	830	18789	0.32%	0.043%
126	10.610	10.576	10.628	VV	869	23236	0.40%	0.053%
127	10.655	10.628	10.682	VV	737	20782	0.36%	0.048%
128	10.725	10.682	10.736	VV	719	19174	0.33%	0.044%
129	10.749	10.736	10.762	VV	671	9637	0.17%	0.022%
130	10.795	10.762	10.808	VV	843	19817	0.34%	0.045%
131	10.829	10.808	10.845	VV	1130	21076	0.36%	0.048%
132	10.866	10.845	10.884	VV	1513	27586	0.48%	0.063%
133	10.938	10.884	11.002	VV	2094	87008	1.50%	0.199%
134	11.091	11.002	11.111	VV	1750	69897	1.21%	0.160%
135	11.140	11.111	11.205	VV	4079	145829	2.52%	0.334%
136	11.233	11.205	11.311	VV	2002	107204	1.85%	0.245%
137	11.332	11.311	11.363	VV	1457	42345	0.73%	0.097%
138	11.384	11.363	11.408	VV	1414	33929	0.59%	0.078%
139	11.502	11.408	11.520	VV	1679	99271	1.71%	0.227%
140	11.544	11.520	11.554	VV	1847	35507	0.61%	0.081%
141	11.572	11.554	11.588	VV	2540	41504	0.72%	0.095%

					rteres			
142	11.604	11.588	11.635	VV	2360	56330	0.97%	0.129%
143	11.660	11.635	11.690	VV	2949	79137	1.37%	0.181%
144	11.729	11.690	11.748	VV	2125	67527	1.17%	0.154%
145	11.768	11.748	11.795	VV	3005	62702	1.08%	0.143%
146	11.817	11.795	11.837	VV	3591	66050	1.14%	0.151%
147	11.891	11.837	11.958	VV	503132	5790258	100.00%	13.247%
148	11.973	11.958	12.030	VV	4925	173405	2.99%	0.397%
149	12.053	12.030	12.072	VV	4735	96582	1.67%	0.221%
150	12.094	12.072	12.111	VV	4176	87040	1.50%	0.199%
151	12.123	12.111	12.167	VV	3693	94350	1.63%	0.216%
152	12.184	12.167	12.200	VV	2590	46621	0.81%	0.107%
153	12.244	12.200	12.262	VV	3165	100919	1.74%	0.231%
154	12.298	12.262	12.322	VV	3797	109139	1.88%	0.250%
155	12.347	12.322	12.394	VV	3916	135967	2.35%	0.311%
156	12.421	12.394	12.467	VV	2781	115896	2.00%	0.265%
157	12.503	12.467	12.583	VV	22047	430994	7.44%	0.986%
158	12.598	12.583	12.621	VV	3312	64765	1.12%	0.148%
159	12.637	12.621	12.648	VV	2677	42365	0.73%	0.097%
160	12.663	12.648	12.709	VV	2902	97995	1.69%	0.224%
161	12.732	12.709	12.785	VV	2929	117259	2.03%	0.268%
162	12.812	12.785	12.823	VV	3749	71177	1.23%	0.163%
163	12.836	12.823	12.865	VV	4034	88513	1.53%	0.203%
164	12.884	12.865	12.924	VV	3685	109525	1.89%	0.251%
165	12.955	12.924	13.048	VV	32102	627750	10.84%	1.436%
166	13.055	13.048	13.085	VV	2566	52440	0.91%	0.120%
167	13.115	13.085	13.125	VV	2546	59110	1.02%	0.135%
168	13.145	13.125	13.187	VV	2979	88391	1.53%	0.202%
169	13.221	13.187	13.230	VV	3845	76178	1.32%	0.174%
170	13.254	13.230	13.282	VV	26773	404328	6.98%	0.925%
171	13.290	13.282	13.300	VV	5748	61373	1.06%	0.140%
172	13.335	13.300	13.404	VV	364247	4580175	79.10%	10.479%
173	13.429	13.404	13.479	VV	4814	126510	2.18%	0.289%
174	13.500	13.479	13.519	VV	2600	51935	0.90%	0.119%
175	13.543	13.519	13.612	VV	4198	135449	2.34%	0.310%
176	13.632	13.612	13.652	VV	1940	42801	0.74%	0.098%
177	13.668	13.652	13.685	VV	2250	40525	0.70%	0.093%
178	13.725	13.685	13.795	VV	3362	134440	2.32%	0.308%
179	13.857	13.795	13.893	VV	4833	149955	2.59%	0.343%
180	13.912	13.893	13.938	VV	2038	45614	0.79%	0.104%
181	13.964	13.938	13.983	VV	2912	58316	1.01%	0.133%
182	14.002	13.983	14.019	VV	3077	54343	0.94%	0.124%
183	14.037	14.019	14.063	VV	3298	63376	1.09%	0.145%
184	14.125	14.063	14.155	VV	2940	114564	1.98%	0.262%
185	14.172	14.155	14.214	VV	2037	49452	0.85%	0.113%
186	14.230	14.214	14.271	VV	1426	34413	0.59%	0.079%
187	14.301	14.271	14.315	VV	1797	37754	0.65%	0.086%
188	14.332	14.315	14.412	VV	2592	61358	1.06%	0.140%
189	14.471	14.412	14.501	VV	16730	276033	4.77%	0.632%
190	14.520	14.501	14.545	VV	6591	108975	1.88%	0.249%
191	14.560	14.545	14.584	VV	3205	58557	1.01%	0.134%
192	14.594	14.584	14.602	VV	1847	19899	0.34%	0.046%
193	14.617	14.602	14.635	VV	2256	37642	0.65%	0.086%
194	14.653	14.635	14.673	VV	2452	42391	0.73%	0.097%

					rteres			
195	14.689	14.673	14.735	VV	1618	47293	0.82%	0.108%
196	14.778	14.735	14.805	VV	2900	76370	1.32%	0.175%
197	14.832	14.805	14.873	VV	4465	102683	1.77%	0.235%
198	14.896	14.873	14.915	VV	2596	47294	0.82%	0.108%
199	14.928	14.915	14.972	VV	2262	56044	0.97%	0.128%
200	14.987	14.972	15.007	VV	834	16342	0.28%	0.037%
201	15.037	15.007	15.065	VV	2051	45210	0.78%	0.103%
202	15.080	15.065	15.092	VV	1006	12114	0.21%	0.028%
203	15.147	15.092	15.166	VV	14888	247074	4.27%	0.565%
204	15.187	15.166	15.277	VV	17882	393051	6.79%	0.899%
205	15.304	15.277	15.328	VV	4006	65152	1.13%	0.149%
206	15.345	15.328	15.379	VV	1330	30273	0.52%	0.069%
207	15.390	15.379	15.412	VV	535	7367	0.13%	0.017%
208	15.495	15.412	15.541	PV	1860	64569	1.12%	0.148%
209	15.577	15.541	15.652	VV	32218	556672	9.61%	1.274%
210	15.665	15.652	15.687	VV	1371	22587	0.39%	0.052%
211	15.726	15.687	15.754	VV	2268	59802	1.03%	0.137%
212	15.780	15.754	15.804	VV	2885	43239	0.75%	0.099%
213	15.827	15.804	15.852	VV	3274	56247	0.97%	0.129%
214	15.864	15.852	15.898	VV	1791	39186	0.68%	0.090%
215	15.916	15.898	15.945	VV	1297	30024	0.52%	0.069%
216	15.991	15.945	16.042	VV	3672	115834	2.00%	0.265%
217	16.056	16.042	16.070	VV	970	14524	0.25%	0.033%
218	16.097	16.070	16.133	VV	3151	53618	0.93%	0.123%
219	16.152	16.133	16.168	VV	628	9373	0.16%	0.021%
220	16.188	16.168	16.201	VV	785	10532	0.18%	0.024%
221	16.221	16.201	16.261	VV	1420	36611	0.63%	0.084%
222	16.284	16.261	16.330	VV	2178	54796	0.95%	0.125%
223	16.350	16.330	16.378	VV	1060	16502	0.28%	0.038%
224	16.421	16.378	16.450	VV	1921	35790	0.62%	0.082%
225	16.514	16.450	16.548	PV	3408	85784	1.48%	0.196%
226	16.594	16.548	16.655	VV	22511	423120	7.31%	0.968%
227	16.713	16.655	16.820	VV	25994	679702	11.74%	1.555%
228	16.849	16.820	16.937	VV	4110	96224	1.66%	0.220%
229	16.993	16.937	17.010	PV	2570	69479	1.20%	0.159%
230	17.037	17.010	17.066	VV	13841	222670	3.85%	0.509%
231	17.100	17.066	17.138	VV	15553	317086	5.48%	0.725%
232	17.156	17.138	17.185	VV	3687	91069	1.57%	0.208%
233	17.207	17.185	17.228	VV	4378	86863	1.50%	0.199%
234	17.249	17.228	17.307	VV	8417	144087	2.49%	0.330%
235	17.361	17.307	17.388	VV	1333	43119	0.74%	0.099%
236	17.411	17.388	17.425	VV	1842	31671	0.55%	0.072%
237	17.434	17.425	17.445	VV	1678	18674	0.32%	0.043%
238	17.538	17.445	17.578	VV	19681	417331	7.21%	0.955%
239	17.622	17.578	17.672	VV	14917	288307	4.98%	0.660%
240	17.718	17.672	17.756	VV	3080	111393	1.92%	0.255%
241	17.766	17.756	17.804	VV	1751	38444	0.66%	0.088%
242	17.822	17.804	17.849	VV	1142	21354	0.37%	0.049%
243	17.906	17.849	17.925	VV	1173	27565	0.48%	0.063%
244	17.991	17.925	18.009	VV	1822	52803	0.91%	0.121%
245	18.061	18.009	18.092	VV	5446	144575	2.50%	0.331%
246	18.150	18.092	18.178	VV	9374	219579	3.79%	0.502%

					rteres			
247	18.199	18.178	18.218	VV	4052	75197	1.30%	0.172%
248	18.246	18.218	18.260	VV	2213	53284	0.92%	0.122%
249	18.285	18.260	18.322	VV	5597	109019	1.88%	0.249%
250	18.386	18.322	18.394	VV	6701	124163	2.14%	0.284%
251	18.422	18.394	18.443	VV	26119	458025	7.91%	1.048%
252	18.486	18.443	18.550	VV	34357	911446	15.74%	2.085%
253	18.572	18.550	18.600	VV	6259	145104	2.51%	0.332%
254	18.620	18.600	18.640	VV	4203	90416	1.56%	0.207%
255	18.650	18.640	18.674	VV	3723	64503	1.11%	0.148%
256	18.698	18.674	18.712	VV	3124	65115	1.12%	0.149%
257	18.738	18.712	18.805	VV	11479	311082	5.37%	0.712%
258	18.888	18.805	18.938	VV	13024	516510	8.92%	1.182%
259	18.997	18.938	19.028	VV	14284	398823	6.89%	0.912%
260	19.060	19.028	19.115	VV	8552	323128	5.58%	0.739%
261	19.249	19.115	19.276	VV	41543	1352333	23.36%	3.094%
262	19.295	19.276	19.339	VV	23989	623977	10.78%	1.428%
263	19.363	19.339	19.384	VV	12133	293651	5.07%	0.672%
264	19.417	19.384	19.472	VV	12889	527721	9.11%	1.207%
265	19.531	19.472	19.566	VV	17581	686277	11.85%	1.570%
266	19.586	19.566	19.632	VV	14795	497641	8.59%	1.139%
267	19.681	19.632	19.718	VV	11578	534799	9.24%	1.224%
268	19.745	19.718	19.762	VV	12229	267203	4.61%	0.611%
269	19.790	19.762	19.835	VV	14428	435982	7.53%	0.997%
270	19.856	19.835	19.872	VV	7073	148463	2.56%	0.340%
271	19.910	19.872	19.937	VV	9646	312903	5.40%	0.716%
272	19.976	19.937	19.998	VV	9366	287318	4.96%	0.657%
273	20.028	19.998	20.071	VV	20813	600835	10.38%	1.375%
274	20.085	20.071	20.148	VV	12442	362795	6.27%	0.830%
275	20.195	20.148	20.220	VV	6883	252601	4.36%	0.578%
276	20.245	20.220	20.268	VV	6507	172528	2.98%	0.395%
277	20.301	20.268	20.334	VV	10819	343353	5.93%	0.786%
278	20.372	20.334	20.408	VV	9229	388857	6.72%	0.890%
279	20.420	20.408	20.448	VV	9008	199330	3.44%	0.456%
280	20.456	20.448	20.504	VV	8057	244012	4.21%	0.558%
281	20.540	20.504	20.558	VV	9373	262905	4.54%	0.601%
282	20.579	20.558	20.613	VV	9630	298535	5.16%	0.683%
283	20.643	20.613	20.650	VV	8688	191772	3.31%	0.439%
284	20.765	20.650	20.795	VV	13038	919952	15.89%	2.105%
285	20.823	20.795	20.923	VV	14063	802777	13.86%	1.837%
286	20.951	20.923	20.985	VV	9155	310499	5.36%	0.710%
287	20.997	20.985	21.006	VV	7869	99726	1.72%	0.228%
288	21.061	21.006	21.114	VV	8161	500699	8.65%	1.146%
289	21.147	21.114	21.189	VV	8576	350304	6.05%	0.801%
290	21.223	21.189	21.235	VV	7281	196529	3.39%	0.450%
291	21.257	21.235	21.282	VV	7308	199074	3.44%	0.455%
292	21.370	21.282	21.488	VV	7929	855006	14.77%	1.956%
293	21.499	21.488	21.525	VV	5625	118988	2.05%	0.272%
294	21.588	21.525	21.613	VV	5861	286221	4.94%	0.655%
295	21.633	21.613	21.714	VV	5616	282130	4.87%	0.645%
296	21.777	21.714	21.844	VV	4871	342220	5.91%	0.783%
297	21.855	21.844	21.875	VV	4092	70953	1.23%	0.162%
298	22.015	21.875	22.025	VV	5845	447111	7.72%	1.023%
299	22.035	22.025	22.075	VV	5598	150554	2.60%	0.344%

						rteres		
300	22.083	22.075	22.145	VV	4715	169905	2.93%	0.389%
301	22.153	22.145	22.163	VV	3361	35704	0.62%	0.082%
302	22.175	22.163	22.278	VV	3368	182871	3.16%	0.418%
303	22.286	22.278	22.402	VBA	1875	101296	1.75%	0.232%
						Sum of corrected areas:		43708520

Aliphatic EPH 051225.M Sat May 17 02:01:22 2025

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	6	SDG No.:	Q2021
Lab Sample ID:	Q2021-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.6
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
05/15/25 13:40	05/16/25 18:52	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1	1.04	4.56	mg/kg	FG015858.D
Total EPH	Total EPH	13.4			1.04	4.56	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	05/12/25
Project:	38 Alexander Ave, Nutley NJ	Date Received:	05/13/25
Client Sample ID:	6	SDG No.:	Q2021
Lab Sample ID:	Q2021-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.6
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
FG015858.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.35		1.34	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.7		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.9		40 - 140	76%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2021-08	Acq On:	16 May 2025 18:52
Client Sample ID:	6	Operator:	YP\AJ
Data file:	FG015858.D	Misc:	
Instrument:	FID_G	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	264176	2.327	300	ug/ml
Aliphatic C12-C16	6.776	10.226	2833405	24.274	200	ug/ml
Aliphatic C16-C21	10.227	13.601	13373426	109.439	300	ug/ml
Aliphatic C21-C28	13.602	17.272	4802835	39.975	400	ug/ml
Aliphatic C28-C40	17.273	22.179	10686008	96.764	600	ug/ml
Aliphatic EPH	3.136	22.179	31959850	272.78		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5643536	37.9		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4456676	38.69		ug/ml
Aliphatic C9-C28	3.136	17.272	21273842	176.015	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015858.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 18:52
Operator : YP\AJ
Sample : Q2021-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
6

Integration File: autoint1.e
Quant Time: May 17 00:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 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)	11.891	5643536	37.905 ug/ml
Spiked Amount	50.000	Recovery	= 75.81%
12) S 1-chlorooctadecane (S...	13.335	4456676	38.686 ug/ml
Spiked Amount	50.000	Recovery	= 77.37%

Target Compounds

(f)=RT Delta > 1/2 Window

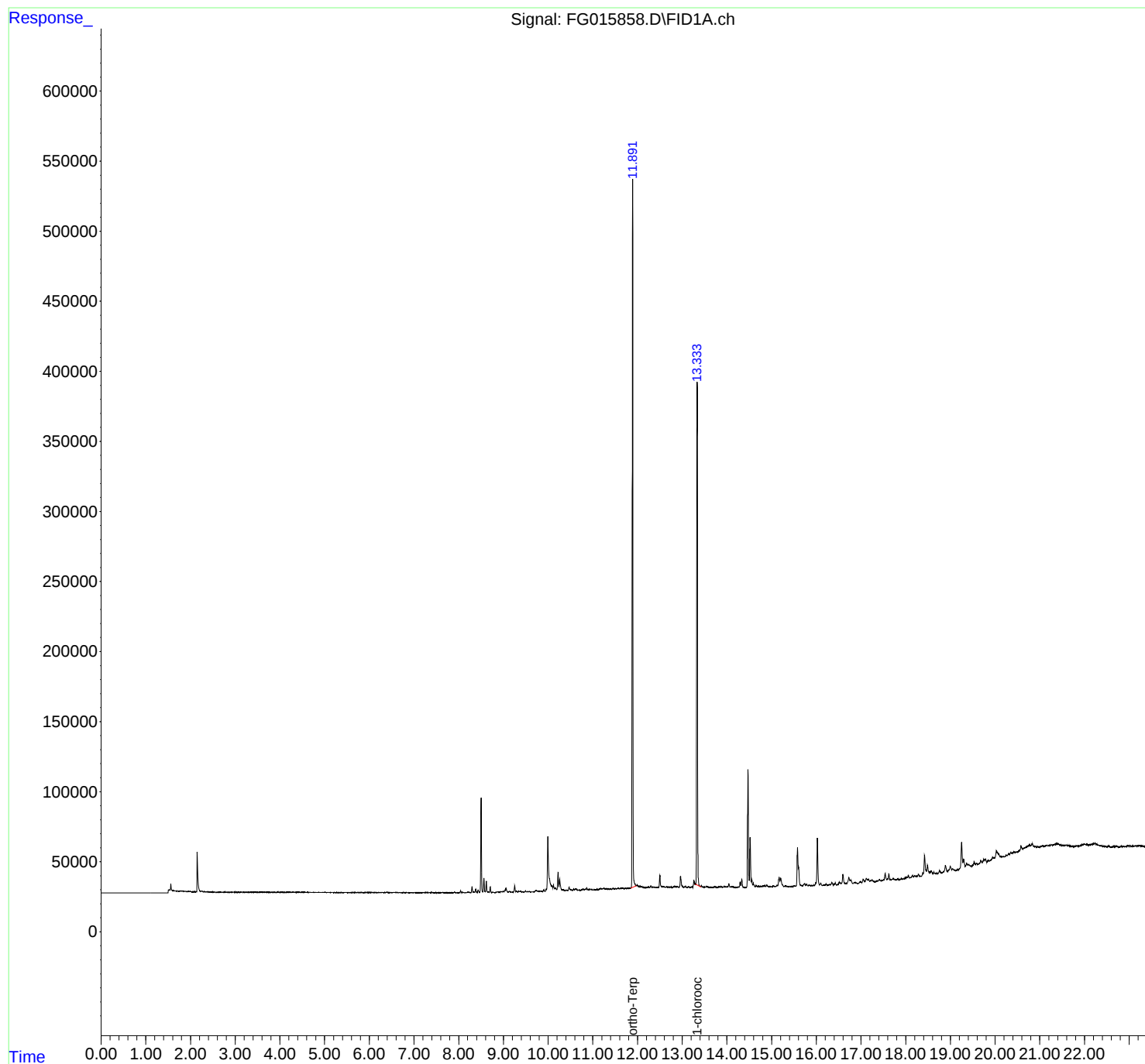
(m)=manual int.

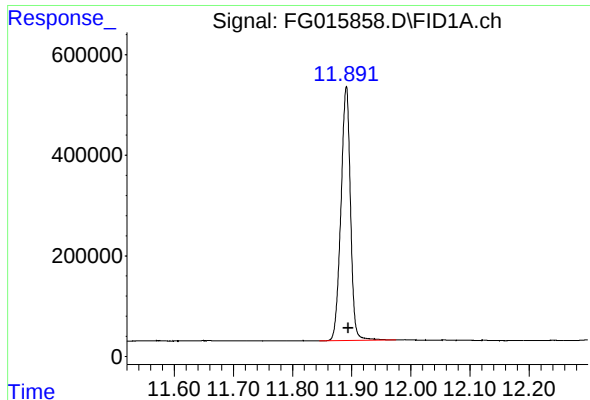
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015858.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 18:52
Operator : YP\AJ
Sample : Q2021-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
6

Integration File: autoint1.e
Quant Time: May 17 00:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

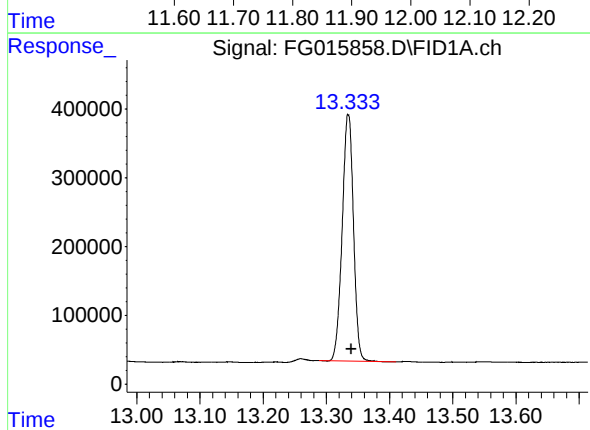




#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 5643536
Conc: 37.90 ug/ml

Instrument :
FID_G
ClientSampleId :
6



#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 4456676
Conc: 38.69 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015858.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 18:52
Sample : Q2021-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.241	3.221	3.265	BV	82	1387	0.02%	0.004%
2	3.301	3.265	3.327	PV	73	1185	0.02%	0.004%
3	3.343	3.327	3.351	PV	75	698	0.01%	0.002%
4	3.372	3.351	3.385	VV	118	1861	0.03%	0.006%
5	3.402	3.385	3.415	VV	137	2005	0.03%	0.006%
6	3.453	3.415	3.462	VV	159	3417	0.06%	0.011%
7	3.492	3.462	3.515	VV	175	4123	0.07%	0.013%
8	3.520	3.515	3.536	VV	172	1684	0.03%	0.005%
9	3.590	3.536	3.625	VV	367	9756	0.17%	0.030%
10	3.627	3.625	3.668	VV	171	2720	0.05%	0.008%
11	3.685	3.668	3.705	VV	184	3045	0.05%	0.009%
12	3.714	3.705	3.741	VV	157	2706	0.05%	0.008%
13	3.753	3.741	3.831	VV	154	6619	0.11%	0.020%
14	3.841	3.831	3.861	VV	152	2355	0.04%	0.007%
15	3.870	3.861	3.907	VV	168	2932	0.05%	0.009%
16	3.926	3.907	4.011	VV	201	7405	0.13%	0.023%
17	4.035	4.011	4.046	VV	135	2697	0.05%	0.008%
18	4.071	4.046	4.128	VV	181	6105	0.10%	0.019%
19	4.135	4.128	4.168	VV	183	3576	0.06%	0.011%
20	4.227	4.168	4.292	VV	257	15328	0.26%	0.047%
21	4.308	4.292	4.373	VV	283	9358	0.16%	0.029%
22	4.385	4.373	4.418	VV	183	4052	0.07%	0.013%
23	4.437	4.418	4.448	VV	173	2681	0.05%	0.008%
24	4.456	4.448	4.468	VV	183	1617	0.03%	0.005%
25	4.495	4.468	4.568	VV	287	10331	0.18%	0.032%
26	4.574	4.568	4.595	VV	151	2034	0.03%	0.006%
27	4.622	4.595	4.643	VV	201	4324	0.07%	0.013%
28	4.671	4.643	4.696	VV	294	5186	0.09%	0.016%
29	4.708	4.696	4.724	VV	156	2202	0.04%	0.007%
30	4.741	4.724	4.761	VV	129	2475	0.04%	0.008%
31	4.781	4.761	4.795	VV	193	2625	0.05%	0.008%
32	4.805	4.795	4.823	VV	135	1813	0.03%	0.006%
33	4.841	4.823	4.852	VV	146	2161	0.04%	0.007%
34	4.863	4.852	4.961	VV	177	8454	0.15%	0.026%
35	4.965	4.961	4.987	VV	168	1957	0.03%	0.006%
36	5.005	4.987	5.049	VV	208	5346	0.09%	0.017%

					rteres			
37	5.066	5.049	5.138	VV	159	6014	0.10%	0.019%
38	5.157	5.138	5.211	VV	189	5413	0.09%	0.017%
39	5.218	5.211	5.238	VV	113	1399	0.02%	0.004%
40	5.247	5.238	5.295	VV	124	2856	0.05%	0.009%
41	5.319	5.295	5.341	VV	97	2065	0.04%	0.006%
42	5.349	5.341	5.357	VV	115	793	0.01%	0.002%
43	5.371	5.357	5.392	VV	115	1831	0.03%	0.006%
44	5.408	5.392	5.421	VV	139	1444	0.02%	0.004%
45	5.437	5.421	5.447	PV	164	1610	0.03%	0.005%
46	5.485	5.447	5.555	VV	201	7542	0.13%	0.023%
47	5.578	5.555	5.620	VV	137	2591	0.04%	0.008%
48	5.639	5.620	5.689	VV	217	3978	0.07%	0.012%
49	5.697	5.689	5.717	VV	95	760	0.01%	0.002%
50	5.746	5.717	5.774	VV	147	2946	0.05%	0.009%
51	5.830	5.774	5.880	VV	266	8721	0.15%	0.027%
52	5.891	5.880	5.924	VV	154	3393	0.06%	0.010%
53	5.942	5.924	5.985	VV	207	4290	0.07%	0.013%
54	6.003	5.985	6.012	VV	122	1469	0.03%	0.005%
55	6.031	6.012	6.071	VV	103	2528	0.04%	0.008%
56	6.116	6.071	6.145	VV	120	2631	0.05%	0.008%
57	6.169	6.145	6.195	VV	106	1996	0.03%	0.006%
58	6.229	6.195	6.298	VV	225	10367	0.18%	0.032%
59	6.312	6.298	6.325	VV	226	2974	0.05%	0.009%
60	6.328	6.325	6.339	VV	189	1291	0.02%	0.004%
61	6.388	6.339	6.427	VV	461	10894	0.19%	0.034%
62	6.458	6.427	6.499	VV	224	6078	0.10%	0.019%
63	6.519	6.499	6.531	VV	139	1778	0.03%	0.006%
64	6.554	6.531	6.608	VV	228	7679	0.13%	0.024%
65	6.613	6.608	6.648	VV	172	2396	0.04%	0.007%
66	6.676	6.648	6.705	VV	233	3601	0.06%	0.011%
67	6.715	6.705	6.739	VV	78	1008	0.02%	0.003%
68	6.762	6.739	6.775	VV	113	1620	0.03%	0.005%
69	6.790	6.775	6.810	VV	120	1549	0.03%	0.005%
70	6.828	6.810	6.849	VV	210	2639	0.05%	0.008%
71	6.858	6.849	6.911	VV	109	2404	0.04%	0.007%
72	6.919	6.911	6.928	VV	115	747	0.01%	0.002%
73	6.947	6.928	7.031	VV	135	4239	0.07%	0.013%
74	7.041	7.031	7.118	PV	79	1487	0.03%	0.005%
75	7.136	7.118	7.174	VV	48	1088	0.02%	0.003%
76	7.251	7.174	7.322	VV	215	10668	0.18%	0.033%
77	7.396	7.322	7.474	VV	422	15162	0.26%	0.047%
78	7.491	7.474	7.608	VV	120	5724	0.10%	0.018%
79	7.627	7.608	7.695	VV	302	5751	0.10%	0.018%
80	7.727	7.695	7.758	VV	116	2232	0.04%	0.007%
81	7.808	7.758	7.828	VV	127	3084	0.05%	0.010%
82	7.909	7.828	8.010	PV	561	13291	0.23%	0.041%
83	8.044	8.010	8.068	VV	1391	18161	0.31%	0.056%
84	8.083	8.068	8.168	VV	529	10060	0.17%	0.031%
85	8.222	8.168	8.275	VV	609	15500	0.27%	0.048%
86	8.300	8.275	8.354	VV	4278	58840	1.01%	0.182%
87	8.381	8.354	8.408	VV	2641	33145	0.57%	0.103%
88	8.436	8.408	8.464	VV	1957	29957	0.52%	0.093%
89	8.503	8.464	8.537	VV	66969	724075	12.45%	2.240%

					rteres			
90	8.566	8.537	8.594	VV	10457	127724	2.20%	0.395%
91	8.619	8.594	8.685	VV	8249	106734	1.84%	0.330%
92	8.707	8.685	8.739	VV	4265	47184	0.81%	0.146%
93	8.764	8.739	8.810	VV	398	6670	0.11%	0.021%
94	8.866	8.810	8.918	PV	580	16202	0.28%	0.050%
95	8.943	8.918	8.958	VV	754	11257	0.19%	0.035%
96	8.997	8.958	9.014	VV	989	21526	0.37%	0.067%
97	9.057	9.014	9.107	VV	3122	73953	1.27%	0.229%
98	9.131	9.107	9.181	VV	792	15704	0.27%	0.049%
99	9.254	9.181	9.323	VV	4607	78961	1.36%	0.244%
100	9.380	9.323	9.411	VV	667	21172	0.36%	0.066%
101	9.433	9.411	9.451	VV	209	3588	0.06%	0.011%
102	9.462	9.451	9.473	VV	205	2295	0.04%	0.007%
103	9.495	9.473	9.520	VV	1003	12243	0.21%	0.038%
104	9.539	9.520	9.565	VV	450	6615	0.11%	0.020%
105	9.581	9.565	9.611	VV	595	6828	0.12%	0.021%
106	9.730	9.611	9.825	PV	1120	46613	0.80%	0.144%
107	9.905	9.825	9.930	VV	1656	33347	0.57%	0.103%
108	9.997	9.930	10.104	VV	38355	911820	15.68%	2.821%
109	10.122	10.104	10.148	VV	4232	82792	1.42%	0.256%
110	10.163	10.148	10.192	VV	2558	54894	0.94%	0.170%
111	10.224	10.192	10.244	VV	13418	185480	3.19%	0.574%
112	10.262	10.244	10.380	VV	8667	204611	3.52%	0.633%
113	10.409	10.380	10.427	VV	918	19669	0.34%	0.061%
114	10.471	10.427	10.538	VV	2996	85819	1.48%	0.266%
115	10.637	10.538	10.715	VV	1573	105871	1.82%	0.328%
116	10.789	10.715	10.811	VV	1533	54764	0.94%	0.169%
117	10.863	10.811	10.890	VV	2172	59015	1.01%	0.183%
118	10.937	10.890	11.013	VV	1383	68088	1.17%	0.211%
119	11.092	11.013	11.121	VV	981	47839	0.82%	0.148%
120	11.181	11.121	11.223	VV	1551	75618	1.30%	0.234%
121	11.245	11.223	11.275	VV	1654	41379	0.71%	0.128%
122	11.294	11.275	11.322	VV	1208	32791	0.56%	0.101%
123	11.348	11.322	11.371	VV	1223	32256	0.55%	0.100%
124	11.391	11.371	11.411	VV	1088	23757	0.41%	0.074%
125	11.448	11.411	11.482	VV	1377	48689	0.84%	0.151%
126	11.502	11.482	11.525	VV	1357	30121	0.52%	0.093%
127	11.572	11.525	11.597	VV	1701	54612	0.94%	0.169%
128	11.655	11.597	11.704	VV	1710	86546	1.49%	0.268%
129	11.730	11.704	11.748	VV	1320	31991	0.55%	0.099%
130	11.769	11.748	11.797	VV	1469	36863	0.63%	0.114%
131	11.818	11.797	11.836	VV	1471	30421	0.52%	0.094%
132	11.890	11.836	11.975	VV	513577	5815092	100.00%	17.992%
133	11.990	11.975	12.040	VV	3310	110967	1.91%	0.343%
134	12.056	12.040	12.077	VV	2804	53614	0.92%	0.166%
135	12.093	12.077	12.161	VV	2410	94884	1.63%	0.294%
136	12.183	12.161	12.201	VV	1624	35691	0.61%	0.110%
137	12.241	12.201	12.268	VV	1964	67784	1.17%	0.210%
138	12.298	12.268	12.328	VV	2649	69206	1.19%	0.214%
139	12.344	12.328	12.425	VV	1964	92736	1.59%	0.287%
140	12.454	12.425	12.475	VV	1631	45133	0.78%	0.140%
141	12.502	12.475	12.643	VV	10073	279089	4.80%	0.863%

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142	12.661	12.643	12.718	VV	1732	69315	1.19%	0.214%
143	12.736	12.718	12.785	VV	1721	57763	0.99%	0.179%
144	12.842	12.785	12.865	VV	2074	82250	1.41%	0.254%
145	12.885	12.865	12.931	VV	2049	64445	1.11%	0.199%
146	12.963	12.931	13.048	VV	8967	223544	3.84%	0.692%
147	13.069	13.048	13.095	VV	2050	42983	0.74%	0.133%
148	13.146	13.095	13.181	VV	1614	62471	1.07%	0.193%
149	13.218	13.181	13.233	VV	1510	36724	0.63%	0.114%
150	13.261	13.233	13.301	VV	6059	145460	2.50%	0.450%
151	13.334	13.301	13.411	VV	363255	4607125	79.23%	14.254%
152	13.427	13.411	13.481	VV	2077	57760	0.99%	0.179%
153	13.501	13.481	13.520	VV	1246	23862	0.41%	0.074%
154	13.548	13.520	13.621	VV	1467	64808	1.11%	0.201%
155	13.661	13.621	13.691	VV	810	31879	0.55%	0.099%
156	13.725	13.691	13.793	VV	1209	50424	0.87%	0.156%
157	13.825	13.793	13.845	VV	1340	27748	0.48%	0.086%
158	13.870	13.845	13.905	VV	1279	35366	0.61%	0.109%
159	13.943	13.905	13.995	VV	1530	48299	0.83%	0.149%
160	14.042	13.995	14.078	VV	3067	66465	1.14%	0.206%
161	14.092	14.078	14.108	VV	952	14643	0.25%	0.045%
162	14.130	14.108	14.215	VV	925	35701	0.61%	0.110%
163	14.296	14.215	14.311	VV	4194	68469	1.18%	0.212%
164	14.331	14.311	14.418	VV	6010	94545	1.63%	0.293%
165	14.470	14.418	14.497	PV	84862	1063721	18.29%	3.291%
166	14.518	14.497	14.627	VV	35515	621622	10.69%	1.923%
167	14.651	14.627	14.698	VV	1314	38752	0.67%	0.120%
168	14.711	14.698	14.741	VV	981	20399	0.35%	0.063%
169	14.794	14.741	14.821	VV	945	35577	0.61%	0.110%
170	14.843	14.821	14.868	VV	1229	25881	0.45%	0.080%
171	14.893	14.868	14.935	VV	1800	37355	0.64%	0.116%
172	14.955	14.935	15.011	VV	449	15752	0.27%	0.049%
173	15.042	15.011	15.068	VV	1007	18673	0.32%	0.058%
174	15.167	15.068	15.185	VV	6913	159415	2.74%	0.493%
175	15.202	15.185	15.281	VV	6323	154930	2.66%	0.479%
176	15.310	15.281	15.425	VV	843	28336	0.49%	0.088%
177	15.503	15.425	15.541	PV	420	16995	0.29%	0.053%
178	15.578	15.541	15.695	VV	27442	603475	10.38%	1.867%
179	15.738	15.695	15.764	VV	1919	49434	0.85%	0.153%
180	15.782	15.764	15.815	VV	1527	25523	0.44%	0.079%
181	15.840	15.815	15.865	VV	759	12801	0.22%	0.040%
182	15.890	15.865	15.912	VV	369	7771	0.13%	0.024%
183	16.022	15.912	16.078	VV	33796	533526	9.17%	1.651%
184	16.097	16.078	16.141	VV	1818	30619	0.53%	0.095%
185	16.219	16.141	16.258	VV	912	24221	0.42%	0.075%
186	16.287	16.258	16.311	VV	515	10856	0.19%	0.034%
187	16.348	16.311	16.385	VV	2021	42283	0.73%	0.131%
188	16.422	16.385	16.455	VV	1441	26112	0.45%	0.081%
189	16.514	16.455	16.561	PV	1861	57893	1.00%	0.179%
190	16.595	16.561	16.676	VV	7189	155379	2.67%	0.481%
191	16.727	16.676	16.821	VV	4725	186977	3.22%	0.579%
192	16.858	16.821	16.932	VV	1045	32213	0.55%	0.100%
193	16.980	16.932	17.013	PV	1296	32257	0.55%	0.100%
194	17.048	17.013	17.091	VV	2836	69745	1.20%	0.216%

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195	17.118	17.091	17.196	VV	3218	127964	2.20%	0.396%
196	17.248	17.196	17.321	VV	1757	62839	1.08%	0.194%
197	17.412	17.321	17.450	VV	1381	49587	0.85%	0.153%
198	17.539	17.450	17.588	VV	5380	133353	2.29%	0.413%
199	17.622	17.588	17.675	VV	4743	94676	1.63%	0.293%
200	17.717	17.675	17.761	VV	1268	40084	0.69%	0.124%
201	17.781	17.761	17.797	VV	412	7005	0.12%	0.022%
202	17.823	17.797	17.850	VV	379	8518	0.15%	0.026%
203	17.907	17.850	17.928	PV	384	7514	0.13%	0.023%
204	17.953	17.928	17.967	PV	420	5610	0.10%	0.017%
205	18.059	17.967	18.088	VV	2245	58199	1.00%	0.180%
206	18.150	18.088	18.174	VV	1873	41000	0.71%	0.127%
207	18.199	18.174	18.215	VV	1270	22276	0.38%	0.069%
208	18.230	18.215	18.251	VV	941	17035	0.29%	0.053%
209	18.286	18.251	18.348	VV	1912	42104	0.72%	0.130%
210	18.421	18.348	18.465	PV	14506	331232	5.70%	1.025%
211	18.487	18.465	18.528	VV	7486	158548	2.73%	0.491%
212	18.570	18.528	18.611	VV	2878	92870	1.60%	0.287%
213	18.631	18.611	18.675	VV	1440	32789	0.56%	0.101%
214	18.700	18.675	18.720	VV	499	11243	0.19%	0.035%
215	18.756	18.720	18.808	VV	1822	43629	0.75%	0.135%
216	18.889	18.808	18.936	VV	4963	126697	2.18%	0.392%
217	18.997	18.936	19.031	VV	3843	110303	1.90%	0.341%
218	19.053	19.031	19.111	VV	1731	47040	0.81%	0.146%
219	19.249	19.111	19.278	VV	19638	395898	6.81%	1.225%
220	19.296	19.278	19.338	VV	7258	165822	2.85%	0.513%
221	19.365	19.338	19.468	VV	3624	191976	3.30%	0.594%
222	19.530	19.468	19.561	VV	3654	128964	2.22%	0.399%
223	19.589	19.561	19.625	VV	2849	88775	1.53%	0.275%
224	19.681	19.625	19.708	VV	4105	145744	2.51%	0.451%
225	19.747	19.708	19.768	VV	4877	139504	2.40%	0.432%
226	19.784	19.768	19.818	VV	4503	109860	1.89%	0.340%
227	19.854	19.818	19.873	VV	3319	97722	1.68%	0.302%
228	19.954	19.873	19.981	VV	5080	260986	4.49%	0.807%
229	20.030	19.981	20.165	VV	9265	665621	11.45%	2.059%
230	20.188	20.165	20.211	VV	4384	119327	2.05%	0.369%
231	20.353	20.211	20.371	VV	6284	499349	8.59%	1.545%
232	20.421	20.371	20.445	VV	6577	269455	4.63%	0.834%
233	20.581	20.445	20.611	VV	9227	692206	11.90%	2.142%
234	20.766	20.611	20.794	VV	9475	929340	15.98%	2.875%
235	20.829	20.794	20.935	VV	9899	700947	12.05%	2.169%
236	20.955	20.935	20.985	VV	7191	215530	3.71%	0.667%
237	21.066	20.985	21.116	VV	7326	554377	9.53%	1.715%
238	21.156	21.116	21.185	VV	7223	283653	4.88%	0.878%
239	21.263	21.185	21.295	VV	7014	447655	7.70%	1.385%
240	21.385	21.295	21.538	VV	7157	922142	15.86%	2.853%
241	21.588	21.538	21.751	VV	5059	539651	9.28%	1.670%
242	21.835	21.751	21.865	VV	3241	210722	3.62%	0.652%
243	21.987	21.865	22.098	VV	3601	429470	7.39%	1.329%
244	22.232	22.098	22.401	VBA	2868	361023	6.21%	1.117%
Sum of corrected areas:						32320867		

Aliphatic EPH 051225.M Sat May 17 02:03:19 2025 rteres



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FG051225AL

AreaCount

Parameter Range	FG015808.D	FG015809.D	FG015810.D	FG015811.D	FG015812.D	
Aliphatic C9-C12	33295942.000	16499792.000	7024777.000	3642600.000	1621906.000	
Aliphatic C12-C16	22865120.000	11327347.000	4825816.000	2488063.000	1109781.000	
Aliphatic C16-C21	34869189.000	17472981.000	7561496.000	3954937.000	1806351.000	
Aliphatic C21-C28	44892339.000	22630004.000	9865090.000	5240936.000	2420128.000	
Aliphatic C28-C40	60510740.000	30618492.000	13413681.000	7248091.000	3500150.000	
Aliphatic EPH	196433330.000	98548616.000	42690860.000	22574627.000	10458316.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	113522.3539996	4.884				
Aliphatic C12-C16	116725.144	4.79				
Aliphatic C16-C21	122199.3473332	5.472				
Aliphatic C21-C28	120144.8585	6.456				
Aliphatic C28-C40	110433.346333	7.973				
Aliphatic EPH	115766.3835552	5.868				

Concentration

Parameter Range	FG015808.D	FG015809.D	FG015810.D	FG015811.D	FG015812.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	FG015808.D	FG015809.D	FG015810.D	FG015811.D	FG015812.D	
Aliphatic C9-C12	110986.473333	109998.613333	117079.616666	121420.000000	108127.066666	
Aliphatic C12-C16	114325.600000	113273.470000	120645.400000	124403.150000	110978.100000	
Aliphatic C16-C21	116230.630000	116486.540000	126024.933333	131831.233333	120423.400000	

Initial Calibration Report for SequenceID : FG051225AL

Aliphatic C21-C28	112230.847500	113150.020000	123313.625000	131023.400000	121006.400000	
Aliphatic C28-C40	100851.233333	102061.640000	111780.675000	120801.516666	116671.666666	
Aliphatic EPH	109129.627777	109498.462222	118585.722222	125414.594444	116203.511111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015808.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 10:30
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 12 11:43:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 11:41:19 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	14285857	96.452 ug/ml
Spiked Amount 50.000		Recovery =	192.90%
12) S 1-chlorooctadecane (S...	13.349	10985534	96.021 ug/ml
Spiked Amount 50.000		Recovery =	192.04%
Target Compounds			
1) T n-Nonane (C9)	3.248	10920112	97.134 ug/ml
2) T n-Decane (C10)	4.507	11082680	97.449 ug/ml
3) T A~Naphthalene (C11.7)	6.219	12073119	99.339 ug/ml
4) T n-Dodecane (C12)	6.687	11293150	97.399 ug/ml
5) T A~2-methylnaphthalene...	7.323	12080339	100.009 ug/ml
6) T n-Tetradecane (C14)	8.524	11313251	97.569 ug/ml
7) T n-Hexadecane (C16)	10.139	11551869	97.059 ug/ml
8) T n-Octadecane (C18)	11.589	11693673	96.386 ug/ml
10) T n-Eicosane (C20)	12.902	11615349	95.823 ug/ml
11) T n-Heneicosane (C21)	13.517	11560167	95.661 ug/ml
13) T n-Docosane (C22)	14.105	11485556	95.644 ug/ml
14) T n-Tetracosane (C24)	15.213	11362245	95.418 ug/ml
15) T n-Hexacosane (C26)	16.238	11159200	95.187 ug/ml
16) T n-Octacosane (C28)	17.190	10885338	94.912 ug/ml
17) T n-Tricontane (C30)	18.080	10827008	94.534 ug/ml
18) T n-Dotriacontane (C32)	18.914	10646758	94.242 ug/ml
19) T n-Tetratriacontane (C34)	19.700	10180353	94.394 ug/ml
20) T n-Hexatriacontane (C36)	20.440	10006499	94.875 ug/ml
21) T n-Octatriacontane (C38)	21.181	9515311	95.091 ug/ml
22) T n-Tetracontane (C40)	22.105	9334811	96.228 ug/ml

(f)=RT Delta > 1/2 Window

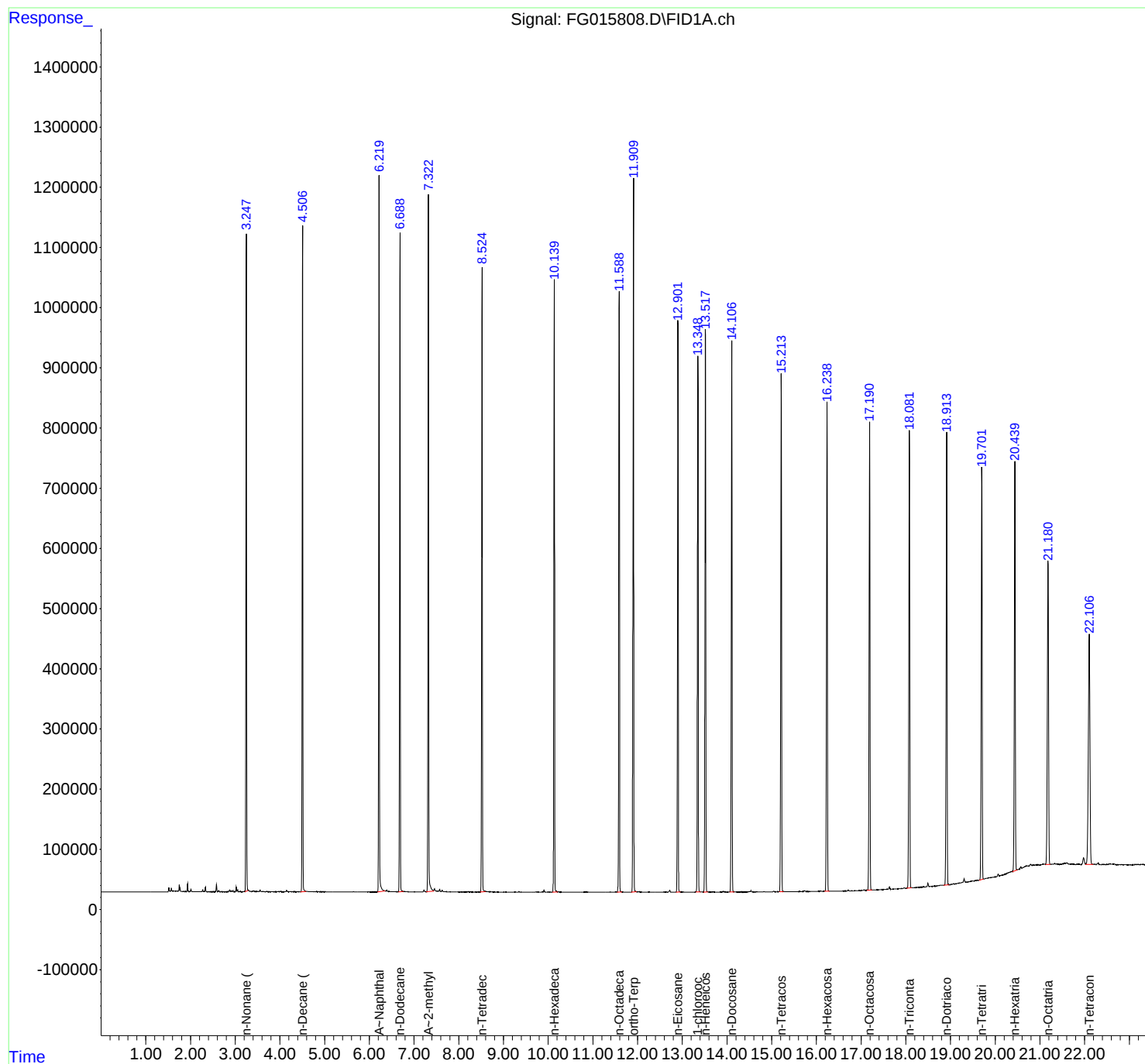
(m)=manual int.

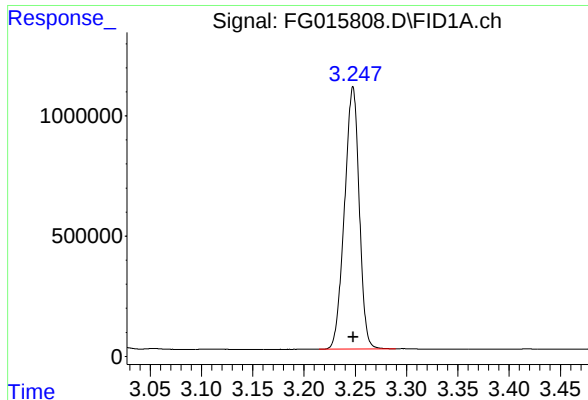
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015808.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 10:30
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: May 12 11:43:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 11:41:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

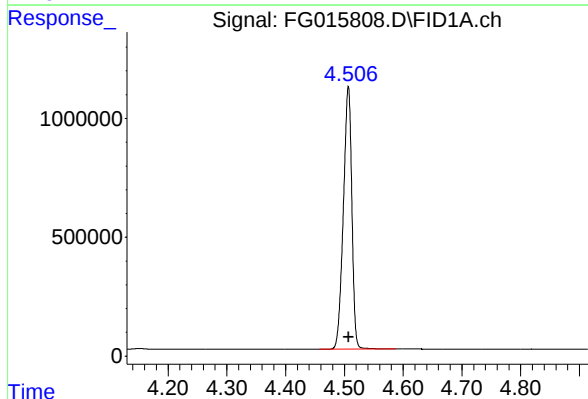




#1 n-Nonane (C9)

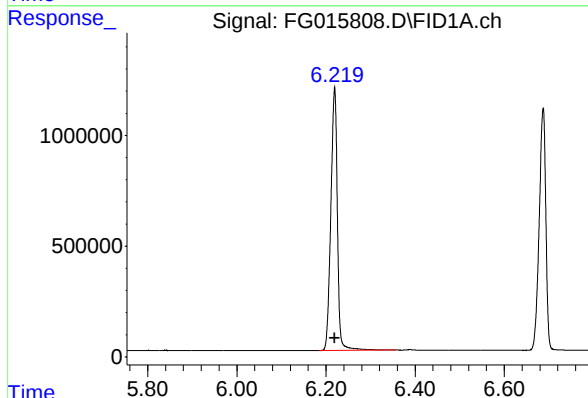
R.T.: 3.248 min
Delta R.T.: 0.000 min
Response: 10920112
Conc: 97.13 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



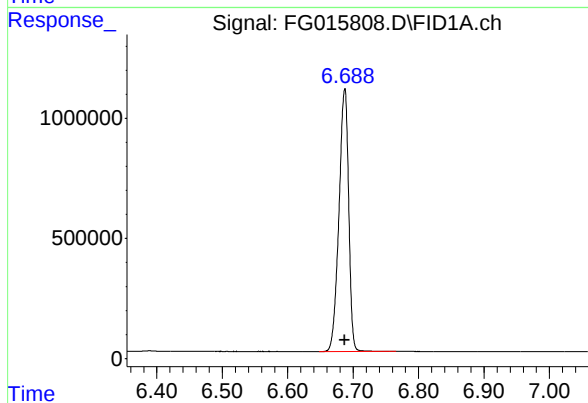
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 11082680
Conc: 97.45 ug/ml



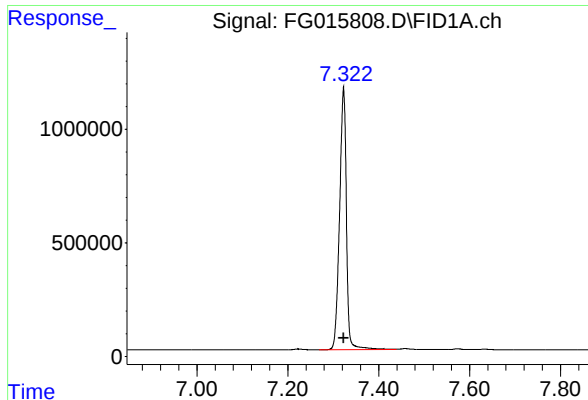
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 12073119
Conc: 99.34 ug/ml



#4 n-Dodecane (C12)

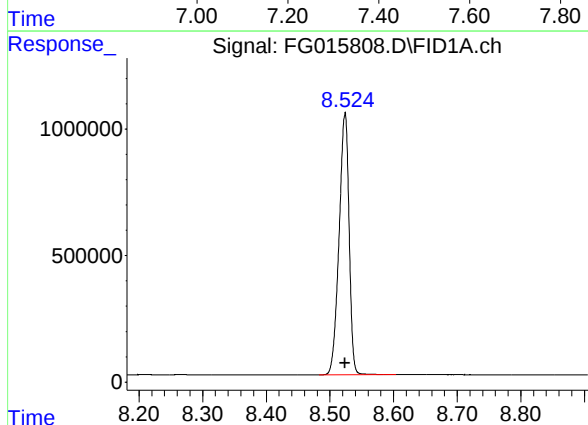
R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 11293150
Conc: 97.40 ug/ml



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

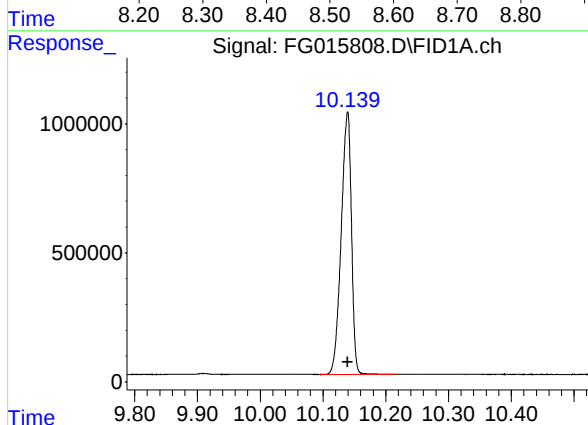
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 12080339
Conc: 100.01 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



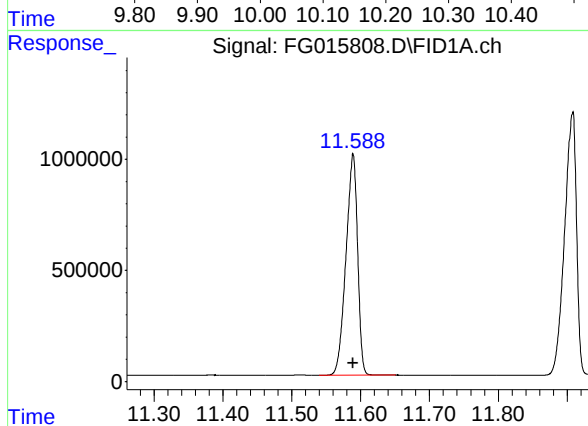
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 11313251
Conc: 97.57 ug/ml



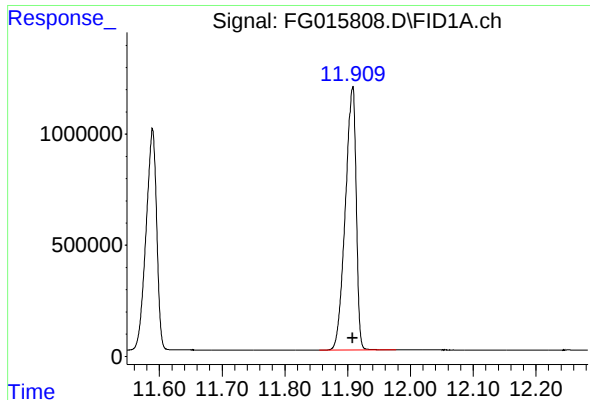
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.000 min
Response: 11551869
Conc: 97.06 ug/ml



#8 n-Octadecane (C18)

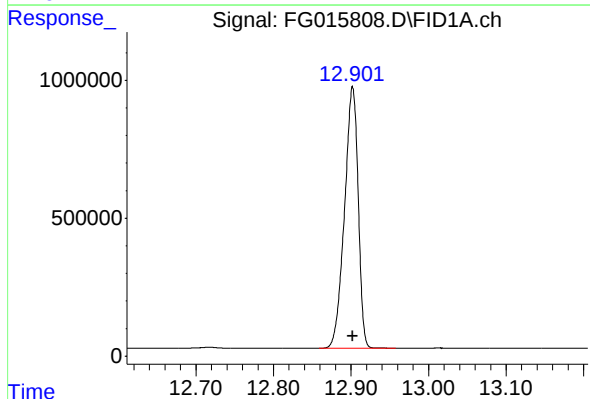
R.T.: 11.589 min
Delta R.T.: 0.000 min
Response: 11693673
Conc: 96.39 ug/ml



#9 ortho-Terphenyl (SURR)

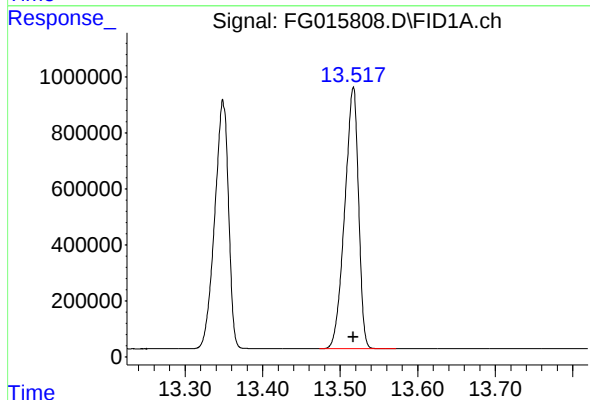
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 14285857
Conc: 96.45 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



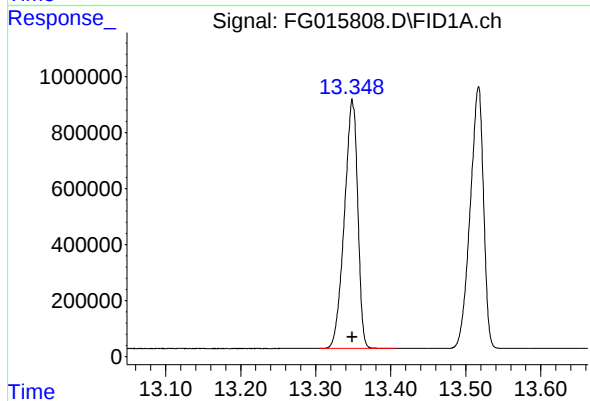
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 11615349
Conc: 95.82 ug/ml



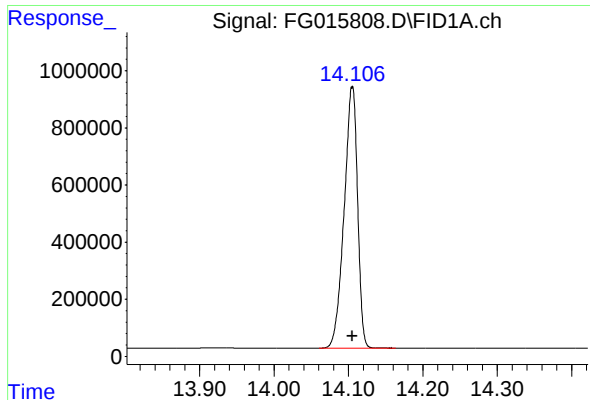
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: 0.000 min
Response: 11560167
Conc: 95.66 ug/ml



#12 1-chlorooctadecane (SURR)

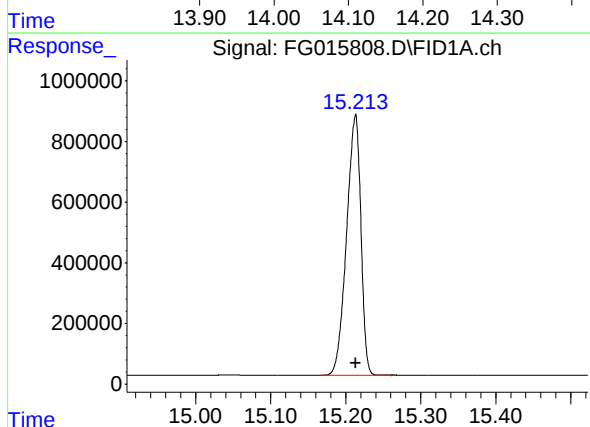
R.T.: 13.349 min
Delta R.T.: 0.000 min
Response: 10985534
Conc: 96.02 ug/ml



#13 n-Docosane (C22)

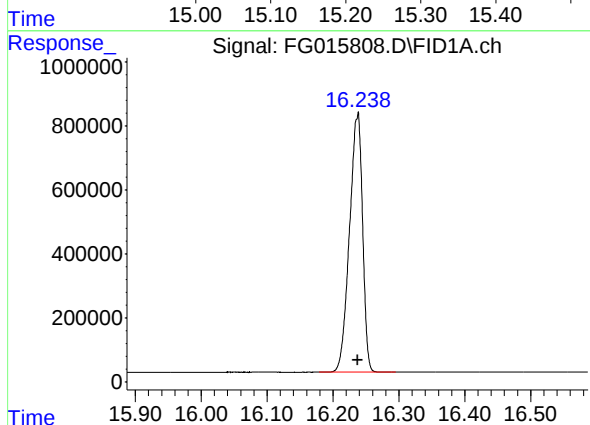
R.T.: 14.105 min
Delta R.T.: 0.000 min
Response: 11485556
Conc: 95.64 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



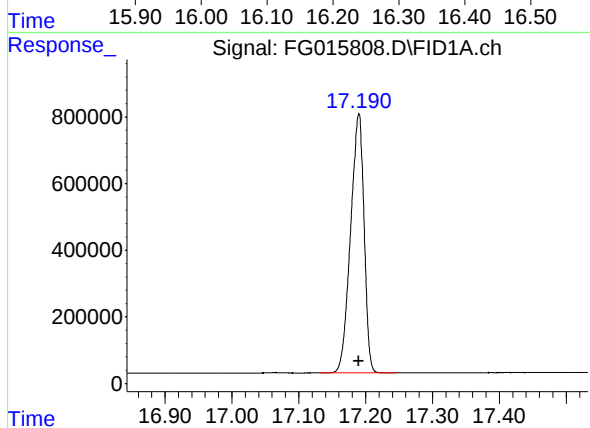
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: 0.000 min
Response: 11362245
Conc: 95.42 ug/ml



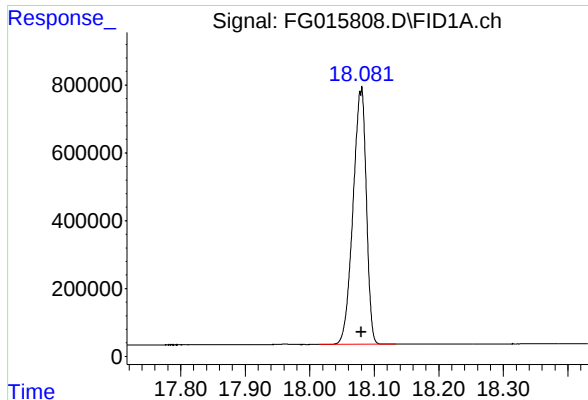
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.000 min
Response: 11159200
Conc: 95.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: 0.000 min
Response: 10885338
Conc: 94.91 ug/ml



#17 n-Tricontane (C30)

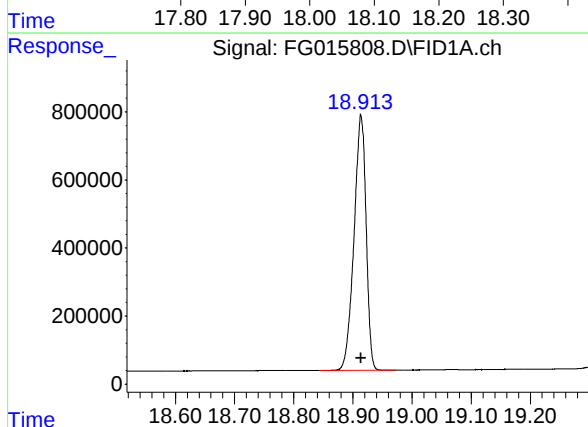
R.T.: 18.080 min
Delta R.T.: 0.000 min
Response: 10827008
Conc: 94.53 ug/ml

Instrument :

FID_G

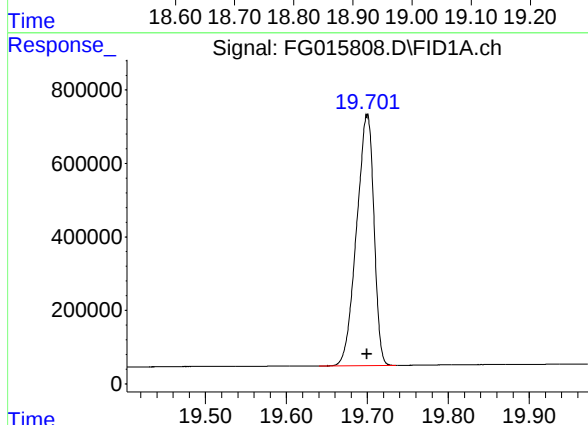
ClientSampleId :

100 PPM ALIPHATIC HC STD1



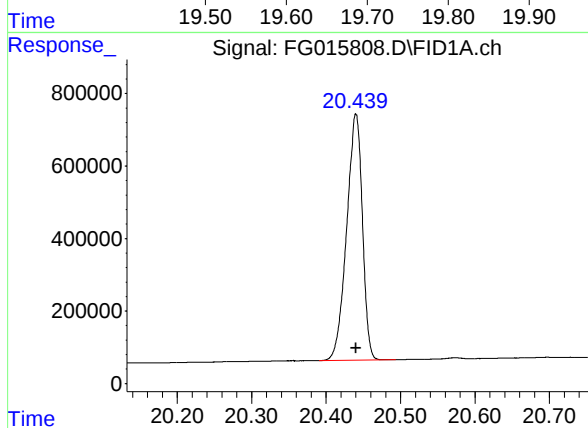
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: 0.000 min
Response: 10646758
Conc: 94.24 ug/ml



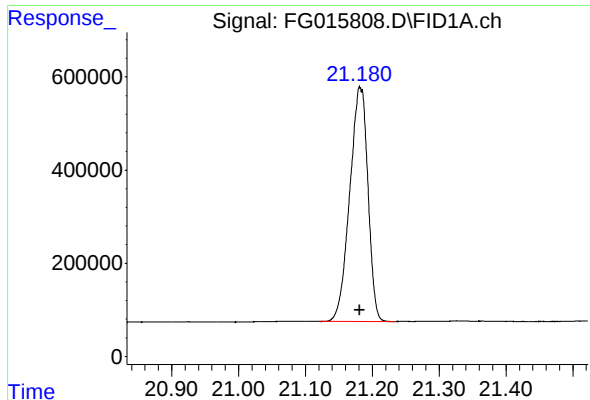
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 10180353
Conc: 94.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: 0.000 min
Response: 10006499
Conc: 94.88 ug/ml



#21 n-Octatriacontane (C38)

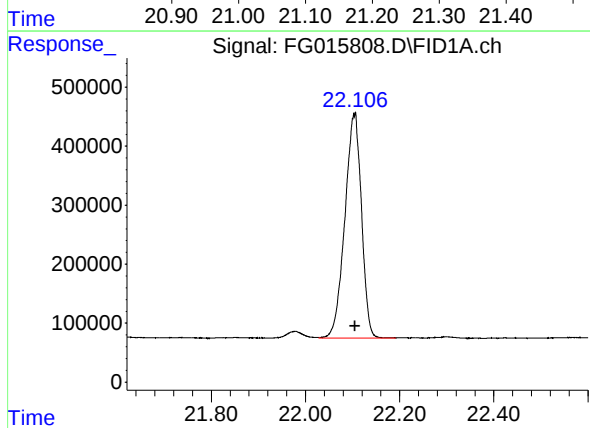
R.T.: 21.181 min
Delta R.T.: 0.000 min
Response: 9515311
Conc: 95.09 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: 0.000 min
Response: 9334811
Conc: 96.23 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015808.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 10:30
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.248	3.215	3.290	PV	1092382	10920112	76.44%	4.442%
2	4.507	4.457	4.588	BB	1106009	11082680	77.58%	4.508%
3	6.219	6.184	6.357	BB	1189908	12073119	84.51%	4.911%
4	6.687	6.648	6.765	BB	1092992	11293150	79.05%	4.593%
5	7.323	7.269	7.438	BV	1156511	12080339	84.56%	4.914%
6	8.524	8.483	8.604	BB	1031623	11313251	79.19%	4.602%
7	10.139	10.094	10.216	BB	1018232	11551869	80.86%	4.699%
8	11.589	11.540	11.651	BB	993262	11693673	81.85%	4.756%
9	11.908	11.855	11.977	BB	1179180	14285857	100.00%	5.811%
10	12.902	12.859	12.958	BB	947545	11615349	81.31%	4.724%
11	13.349	13.305	13.407	BB	887278	10985534	76.90%	4.468%
12	13.517	13.473	13.572	BB	934388	11560167	80.92%	4.702%
13	14.105	14.060	14.164	BB	911149	11485556	80.40%	4.672%
14	15.213	15.165	15.267	BB	856134	11362245	79.53%	4.621%
15	16.238	16.179	16.295	BB	806102	11159200	78.11%	4.539%
16	17.190	17.130	17.245	BB	777963	10885338	76.20%	4.427%
17	18.080	18.015	18.134	BB	752450	10827008	75.79%	4.404%
18	18.914	18.843	18.973	BB	749372	10646758	74.53%	4.330%
19	19.700	19.640	19.735	BB	678244	10180353	71.26%	4.141%
20	20.440	20.390	20.494	BV	678225	10006499	70.04%	4.070%
21	21.181	21.120	21.235	BV	502691	9515311	66.61%	3.870%
22	22.105	22.029	22.192	VV	378744	9334811	65.34%	3.797%
Sum of corrected areas:						245858178		

Aliphatic EPH 051225.M Mon May 12 13:53:06 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015809.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 10:59
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 12 11:44:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 11:41:19 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	7125825	48.724 ug/ml
Spiked Amount 50.000		Recovery =	97.45%
12) S 1-chlorooctadecane (S...	13.343	5502847	48.716 ug/ml
Spiked Amount 50.000		Recovery =	97.43%
Target Compounds			
1) T n-Nonane (C9)	3.244	5439413	48.910 ug/ml
2) T n-Decane (C10)	4.503	5482947	48.793 ug/ml
3) T A~Naphthalene (C11.7)	6.215	5899885	49.020 ug/ml
4) T n-Dodecane (C12)	6.683	5577432	48.719 ug/ml
5) T A~2-methylnaphthalene...	7.318	5854552	48.968 ug/ml
6) T n-Tetradecane (C14)	8.520	5593973	48.815 ug/ml
7) T n-Hexadecane (C16)	10.134	5733374	48.766 ug/ml
8) T n-Octadecane (C18)	11.584	5838904	48.736 ug/ml
10) T n-Eicosane (C20)	12.897	5826997	48.697 ug/ml
11) T n-Heneicosane (C21)	13.512	5807080	48.685 ug/ml
13) T n-Docosane (C22)	14.100	5775786	48.715 ug/ml
14) T n-Tetracosane (C24)	15.207	5723420	48.693 ug/ml
15) T n-Hexacosane (C26)	16.232	5628641	48.657 ug/ml
16) T n-Octacosane (C28)	17.185	5502157	48.631 ug/ml
17) T n-Tricontane (C30)	18.075	5488201	48.593 ug/ml
18) T n-Dotriacontane (C32)	18.910	5406675	48.552 ug/ml
19) T n-Tetratriacontane (C34)	19.695	5165487	48.577 ug/ml
20) T n-Hexatriacontane (C36)	20.436	5059937	48.632 ug/ml
21) T n-Octatriacontane (C38)	21.177	4810203	48.697 ug/ml
22) T n-Tetracontane (C40)	22.098	4687989	48.872 ug/ml

(f)=RT Delta > 1/2 Window

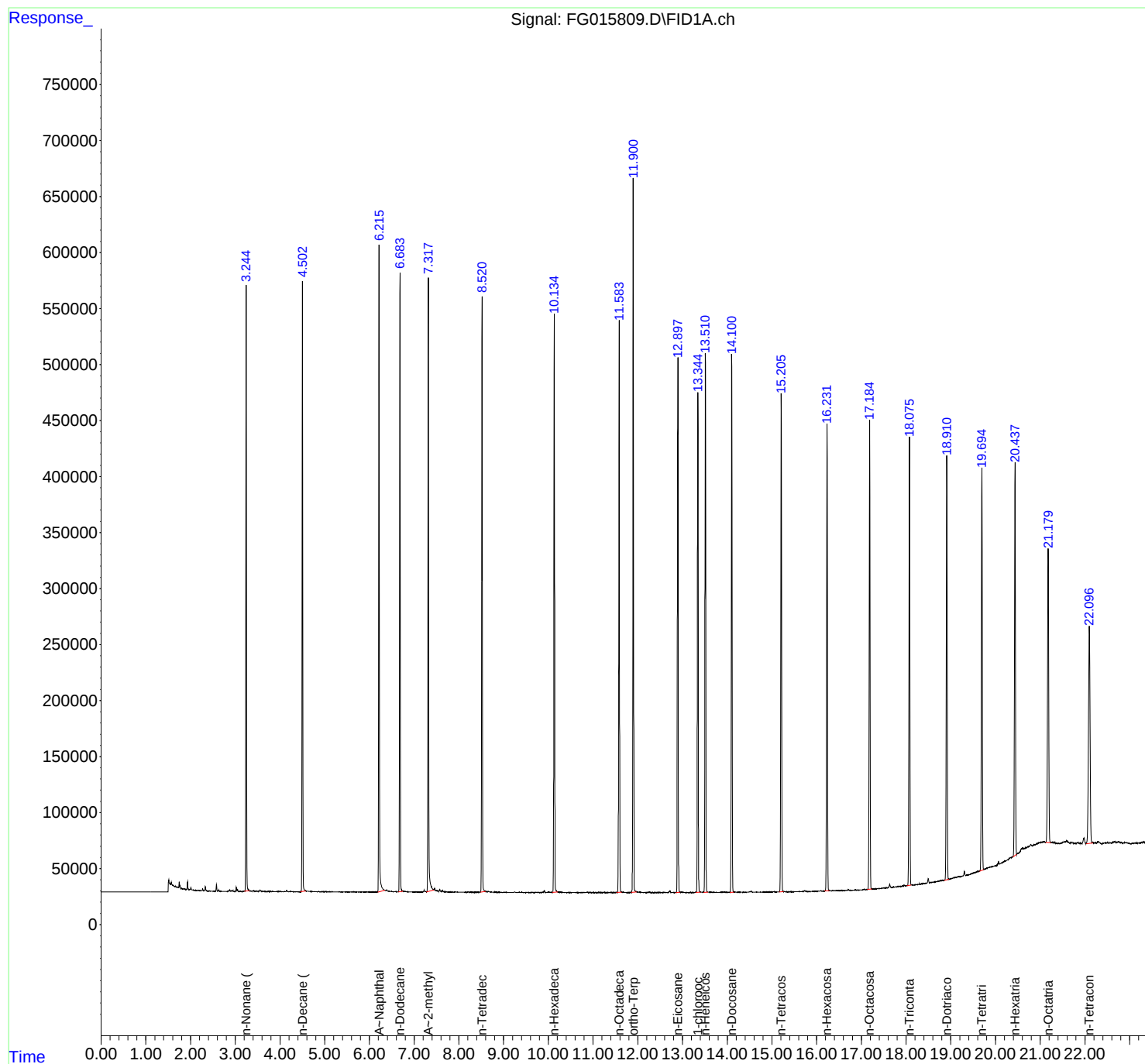
(m)=manual int.

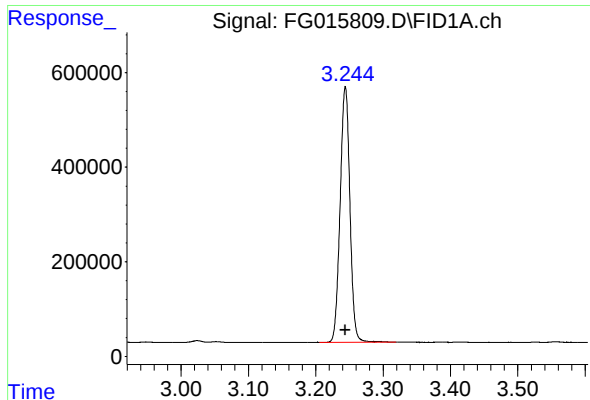
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015809.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 10:59
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: May 12 11:44:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 11:41:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

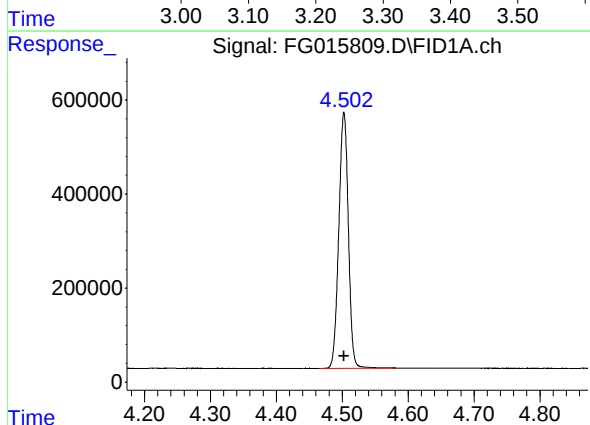




#1 n-Nonane (C9)

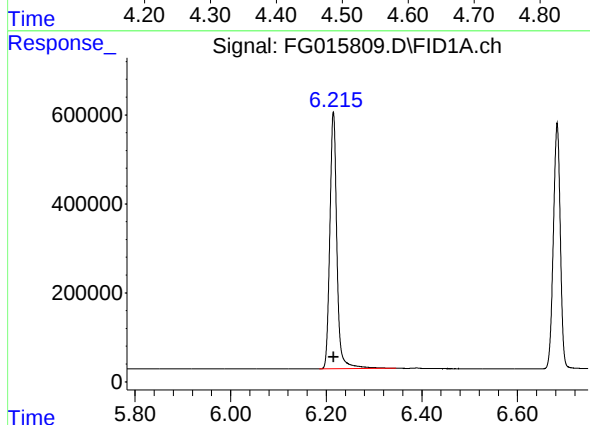
R.T.: 3.244 min
Delta R.T.: 0.000 min
Response: 5439413
Conc: 48.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



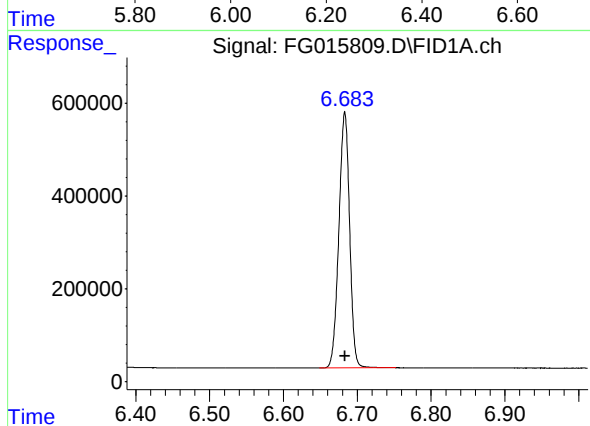
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 5482947
Conc: 48.79 ug/ml



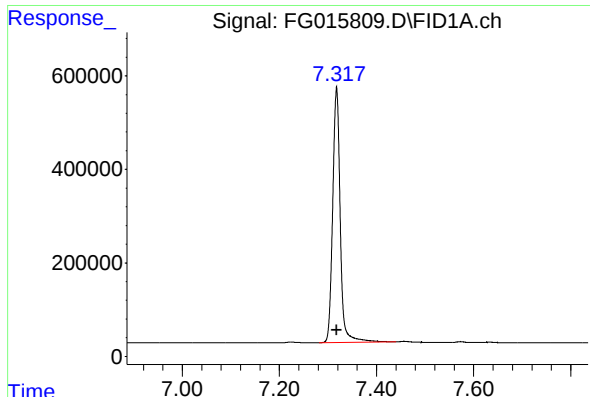
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 5899885
Conc: 49.02 ug/ml



#4 n-Dodecane (C12)

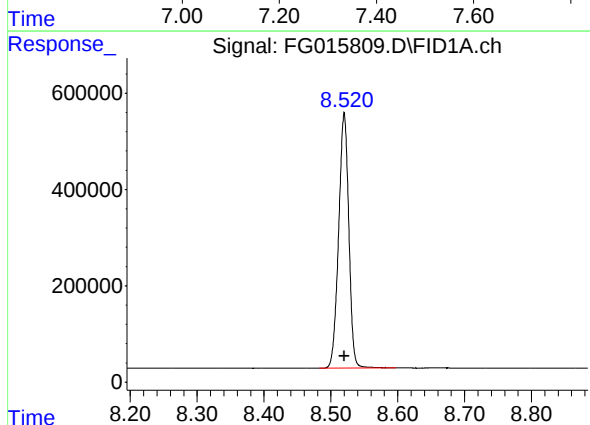
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 5577432
Conc: 48.72 ug/ml



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

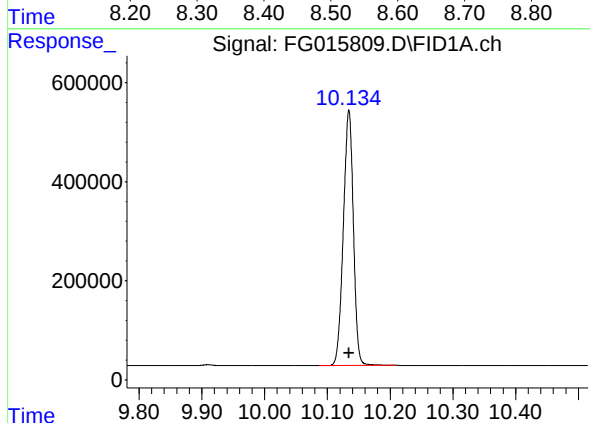
R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 5854552
Conc: 48.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



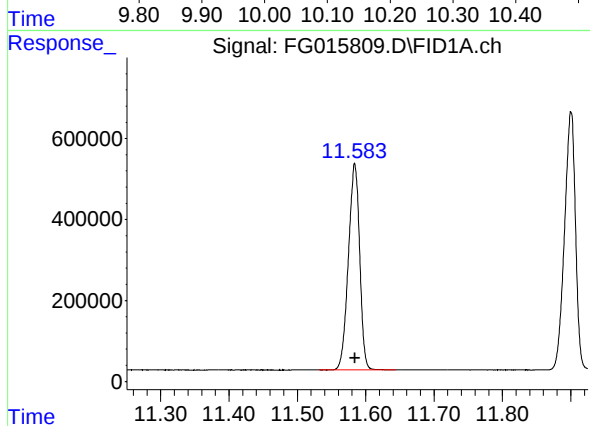
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 5593973
Conc: 48.82 ug/ml



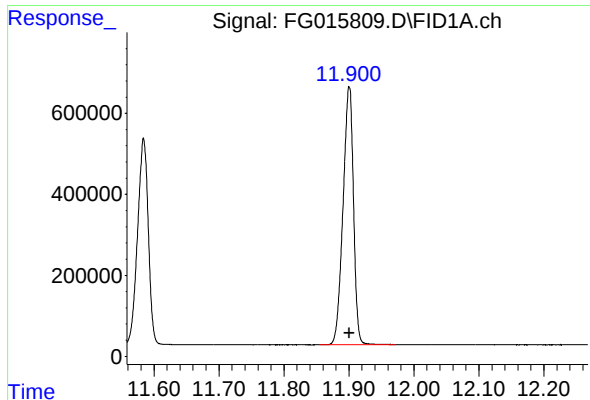
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.000 min
Response: 5733374
Conc: 48.77 ug/ml



#8 n-Octadecane (C18)

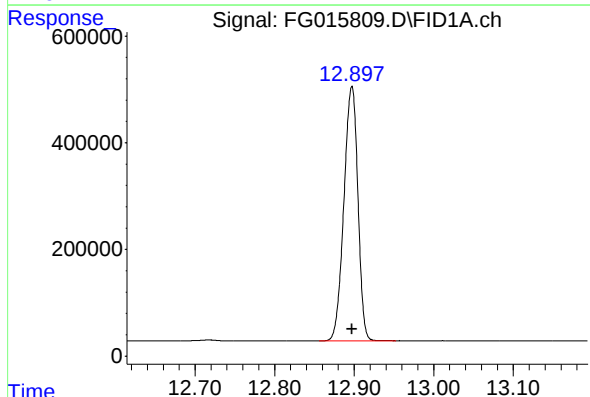
R.T.: 11.584 min
Delta R.T.: 0.000 min
Response: 5838904
Conc: 48.74 ug/ml



#9 ortho-Terphenyl (SURR)

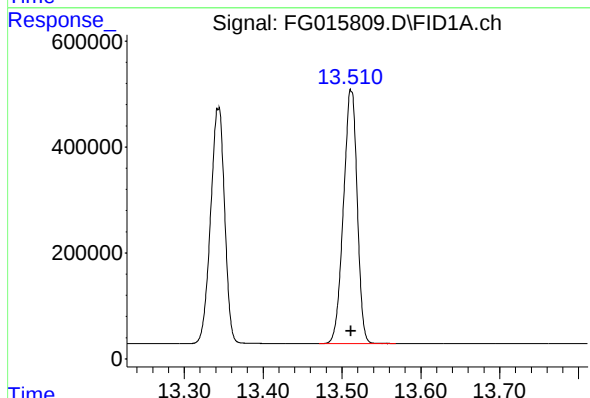
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 7125825
Conc: 48.72 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



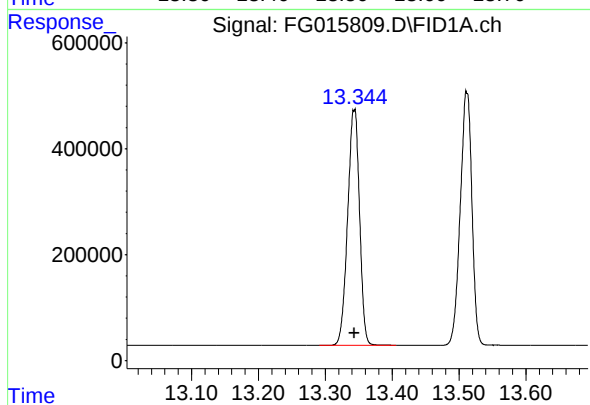
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: 0.000 min
Response: 5826997
Conc: 48.70 ug/ml



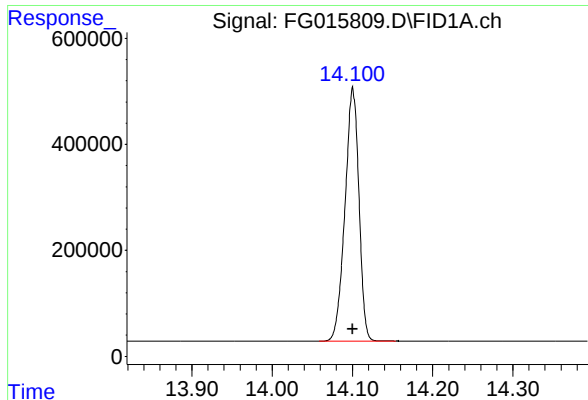
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 5807080
Conc: 48.69 ug/ml



#12 1-chlorooctadecane (SURR)

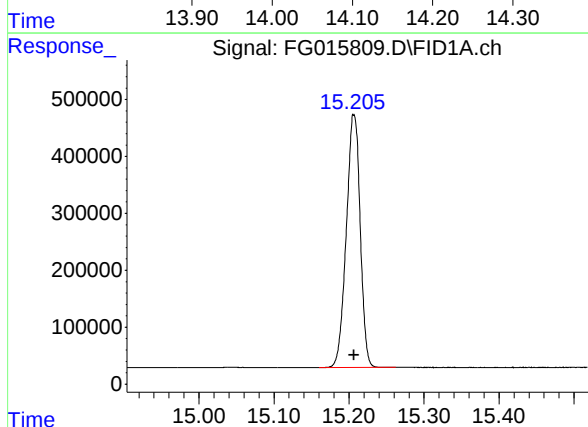
R.T.: 13.343 min
Delta R.T.: 0.000 min
Response: 5502847
Conc: 48.72 ug/ml



#13 n-Docosane (C22)

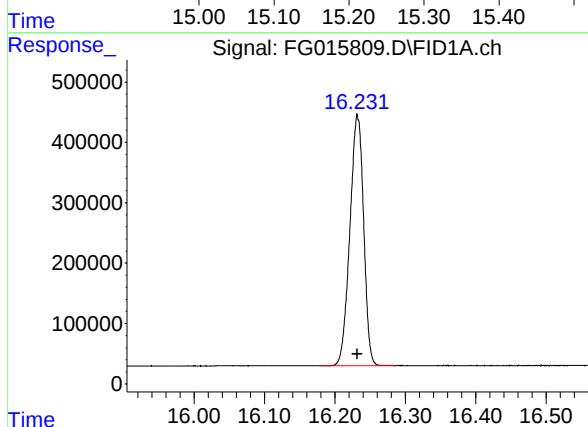
R.T.: 14.100 min
Delta R.T.: 0.000 min
Response: 5775786
Conc: 48.71 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



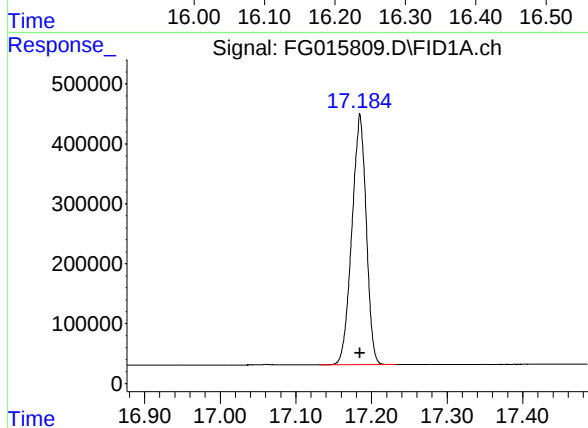
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: 0.000 min
Response: 5723420
Conc: 48.69 ug/ml



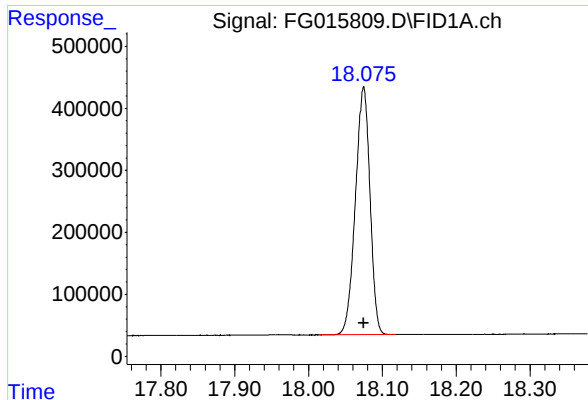
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 5628641
Conc: 48.66 ug/ml



#16 n-Octacosane (C28)

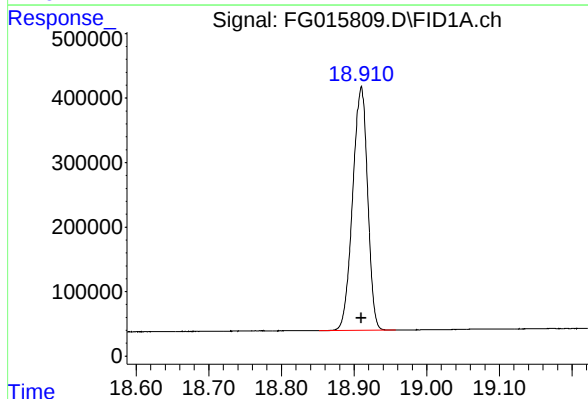
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 5502157
Conc: 48.63 ug/ml



#17 n-Tricontane (C30)

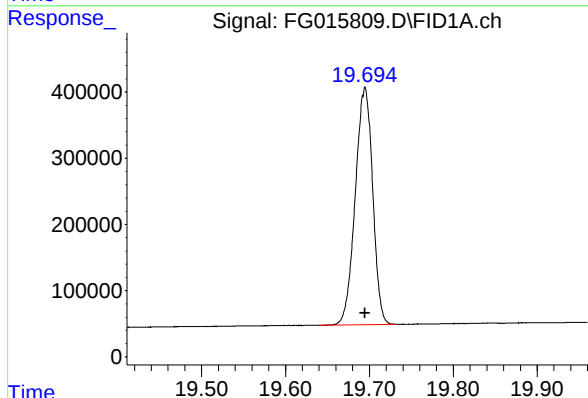
R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 5488201
Conc: 48.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



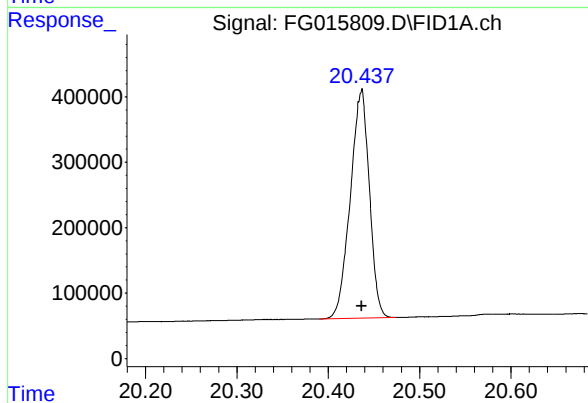
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 5406675
Conc: 48.55 ug/ml



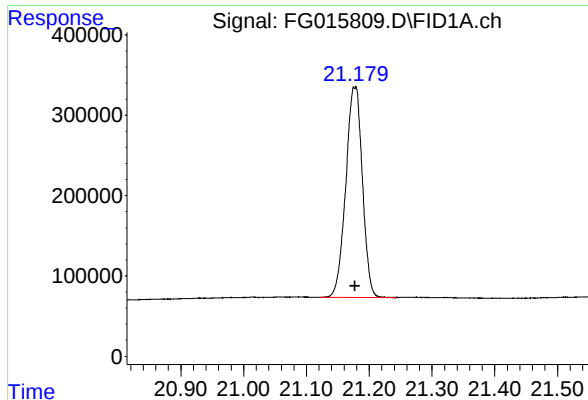
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 5165487
Conc: 48.58 ug/ml



#20 n-Hexatriacontane (C36)

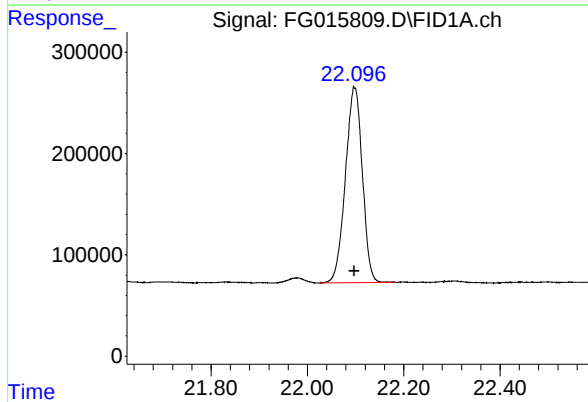
R.T.: 20.436 min
Delta R.T.: 0.000 min
Response: 5059937
Conc: 48.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: 0.000 min
Response: 4810203
Conc: 48.70 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: 0.000 min
Response: 4687989
Conc: 48.87 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015809.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 10:59
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.244	3.205	3.319	BB	540484	5439413	76.33%	4.425%
2	4.503	4.465	4.582	BB	545025	5482947	76.94%	4.460%
3	6.215	6.185	6.346	BB	577088	5899885	82.80%	4.799%
4	6.683	6.648	6.753	BB	551923	5577432	78.27%	4.537%
5	7.318	7.282	7.440	BV	546558	5854552	82.16%	4.762%
6	8.520	8.482	8.598	BB	531616	5593973	78.50%	4.550%
7	10.134	10.087	10.209	BB	516308	5733374	80.46%	4.664%
8	11.584	11.532	11.644	BB	509264	5838904	81.94%	4.750%
9	11.901	11.854	11.973	BB	635421	7125825	100.00%	5.797%
10	12.897	12.856	12.953	BB	477641	5826997	81.77%	4.740%
11	13.343	13.291	13.406	BB	441974	5502847	77.22%	4.476%
12	13.512	13.471	13.568	BB	475865	5807080	81.49%	4.724%
13	14.100	14.058	14.154	BB	478710	5775786	81.05%	4.698%
14	15.207	15.160	15.263	BB	443365	5723420	80.32%	4.656%
15	16.232	16.178	16.287	BB	414894	5628641	78.99%	4.579%
16	17.185	17.131	17.233	BB	417949	5502157	77.21%	4.476%
17	18.075	18.014	18.118	BB	400670	5488201	77.02%	4.464%
18	18.910	18.852	18.958	BB	378226	5406675	75.87%	4.398%
19	19.695	19.640	19.732	BB	359469	5165487	72.49%	4.202%
20	20.436	20.390	20.474	BV	348873	5059937	71.01%	4.116%
21	21.177	21.120	21.243	BB	259614	4810203	67.50%	3.913%
22	22.098	22.024	22.184	PV	192836	4687989	65.79%	3.813%
Sum of corrected areas:						122931726		

Aliphatic EPH 051225.M Mon May 12 13:53:37 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015810.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 11:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 12 11:41:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 11:41:19 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	3067401	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.341	2379192	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.242	2312924	20.000 ug/ml
2) T n-Decane (C10)	4.501	2332582	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2446759	20.000 ug/ml
4) T n-Dodecane (C12)	6.681	2379271	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.316	2415642	20.000 ug/ml
6) T n-Tetradecane (C14)	8.518	2375415	20.000 ug/ml
7) T n-Hexadecane (C16)	10.131	2450401	20.000 ug/ml
8) T n-Octadecane (C18)	11.580	2514102	20.000 ug/ml
10) T n-Eicosane (C20)	12.895	2525610	20.000 ug/ml
11) T n-Heneicosane (C21)	13.508	2521784	20.000 ug/ml
13) T n-Docosane (C22)	14.097	2506351	20.000 ug/ml
14) T n-Tetracosane (C24)	15.204	2490681	20.000 ug/ml
15) T n-Hexacosane (C26)	16.229	2457561	20.000 ug/ml
16) T n-Octacosane (C28)	17.181	2410497	20.000 ug/ml
17) T n-Tricontane (C30)	18.071	2415823	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.906	2389551	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2277934	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2217509	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.172	2099538	20.000 ug/ml
22) T n-Tetracontane (C40)	22.092	2013326	20.000 ug/ml

(f)=RT Delta > 1/2 Window

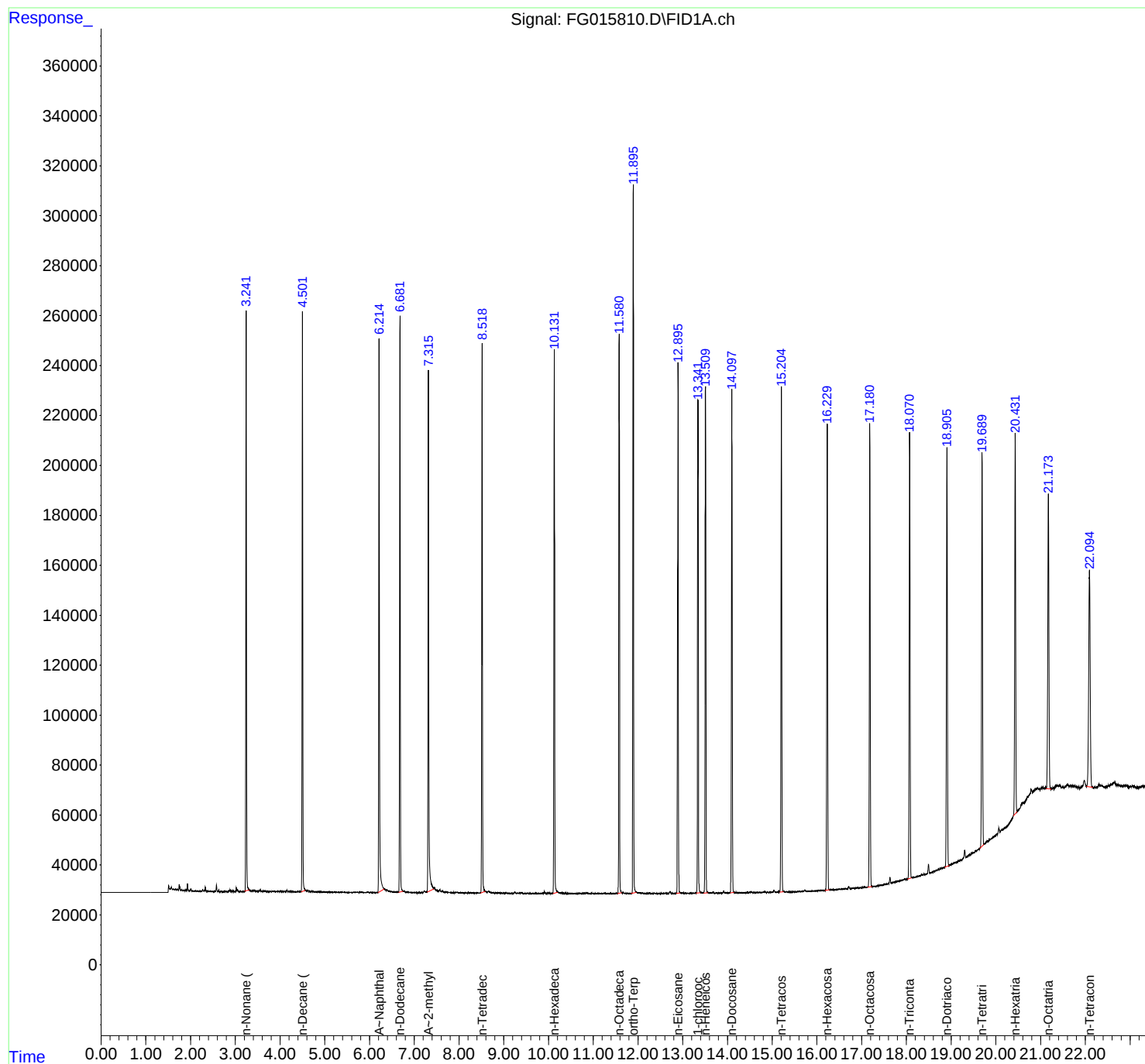
(m)=manual int.

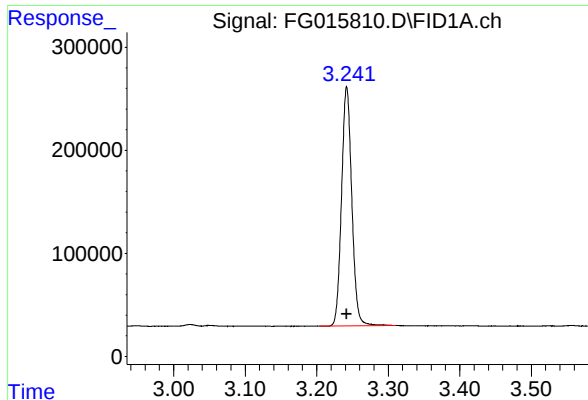
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015810.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 11:28
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: May 12 11:41:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 11:41:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

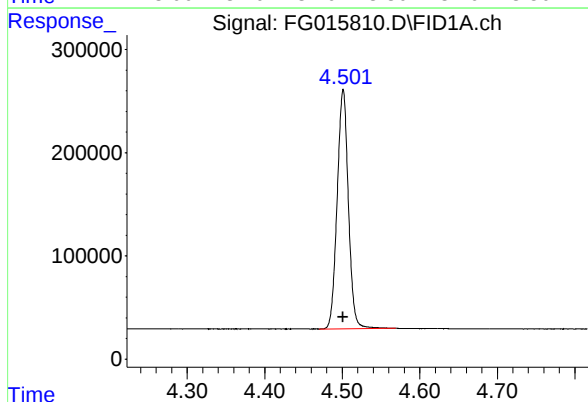




#1 n-Nonane (C9)

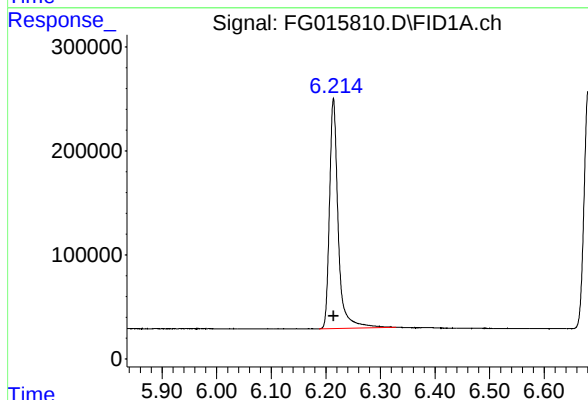
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 2312924
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



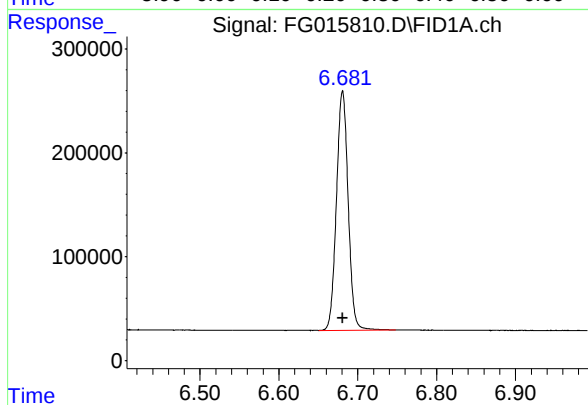
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 2332582
Conc: 20.00 ug/ml



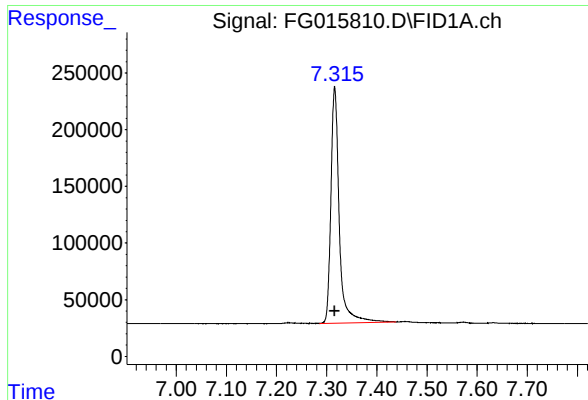
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 2446759
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

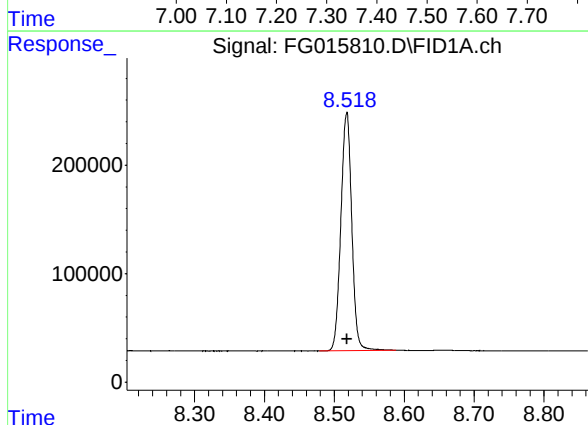
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 2379271
Conc: 20.00 ug/ml



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

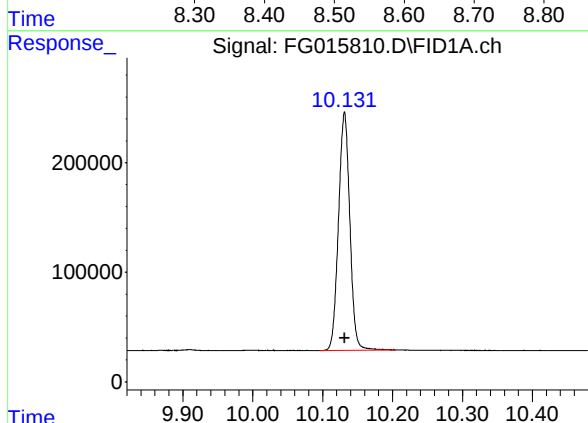
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 2415642
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



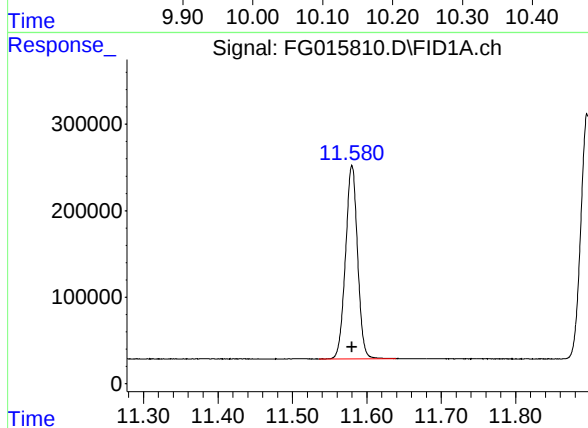
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 2375415
Conc: 20.00 ug/ml



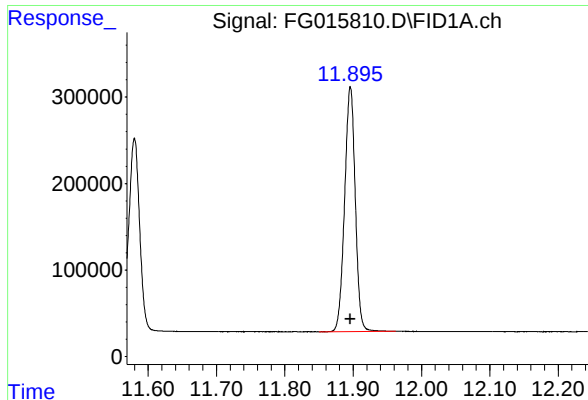
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.000 min
Response: 2450401
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

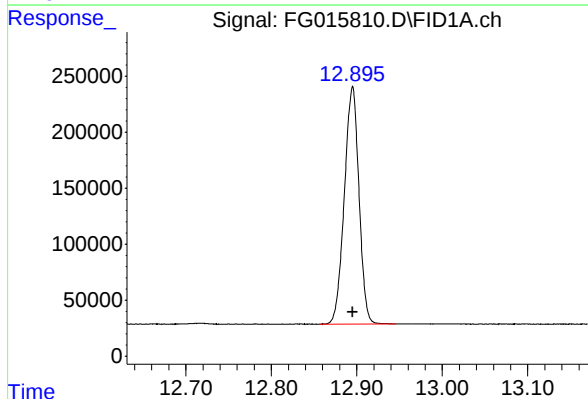
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 2514102
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

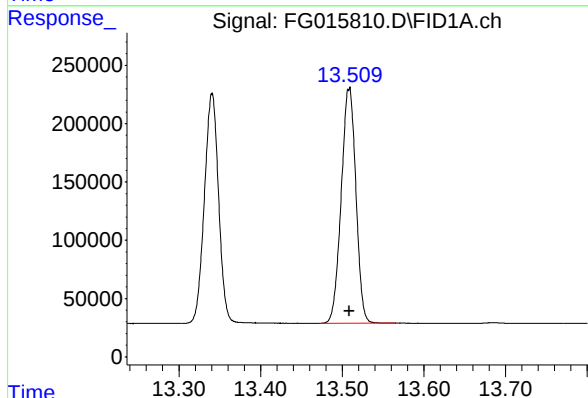
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 3067401
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



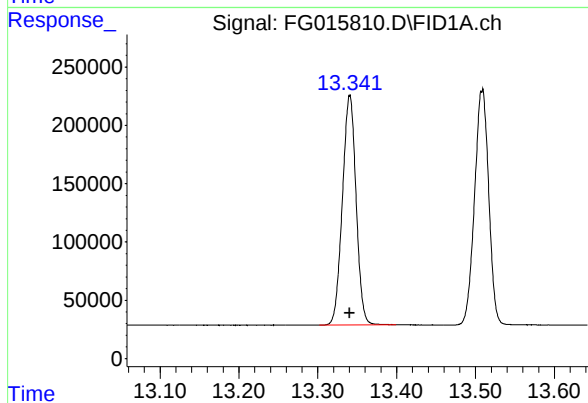
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 2525610
Conc: 20.00 ug/ml



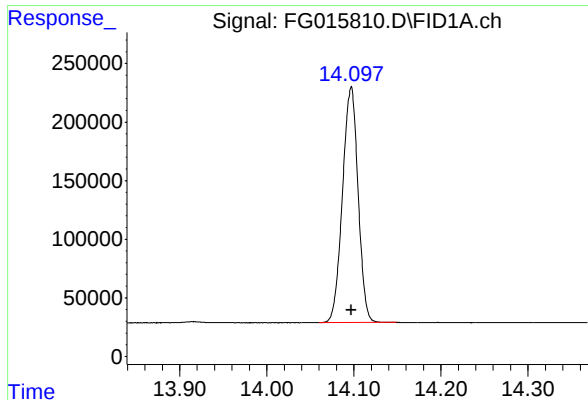
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2521784
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

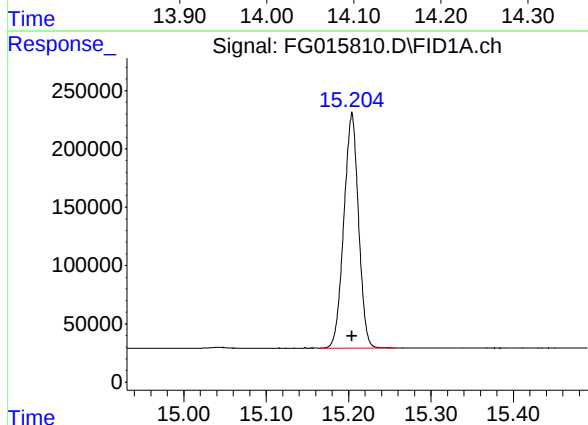
R.T.: 13.341 min
Delta R.T.: 0.000 min
Response: 2379192
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

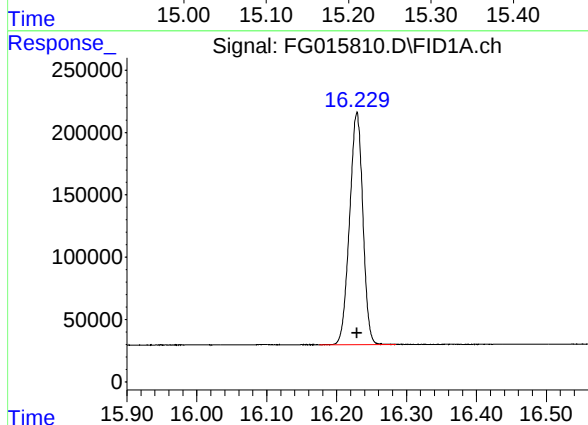
R.T.: 14.097 min
Delta R.T.: 0.000 min
Response: 2506351
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



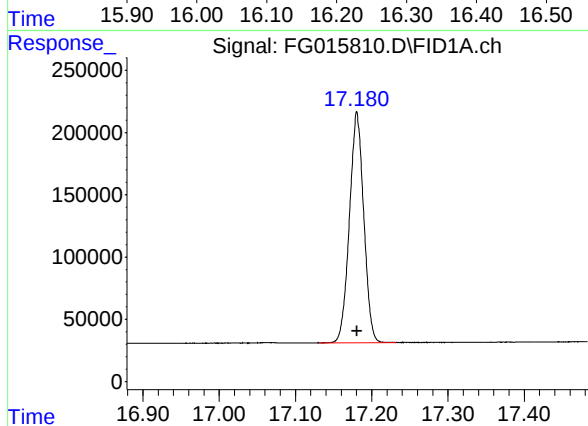
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: 0.000 min
Response: 2490681
Conc: 20.00 ug/ml



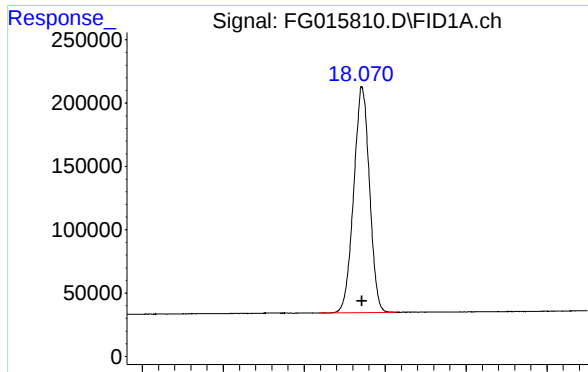
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: 0.000 min
Response: 2457561
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

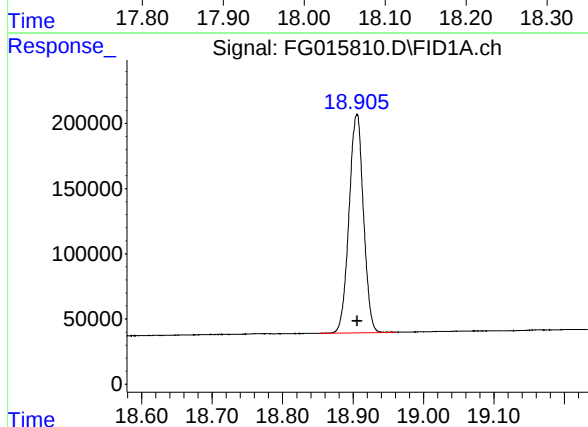
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 2410497
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

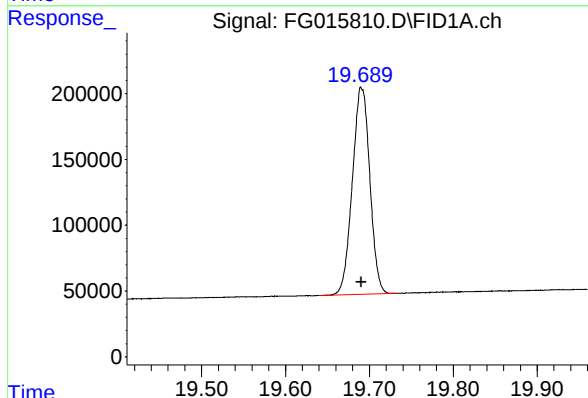
R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 2415823
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



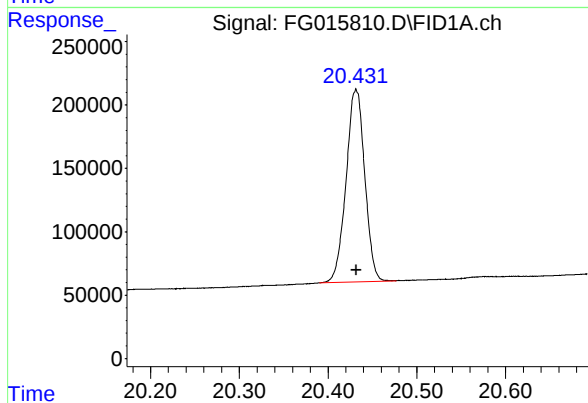
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: 0.000 min
Response: 2389551
Conc: 20.00 ug/ml



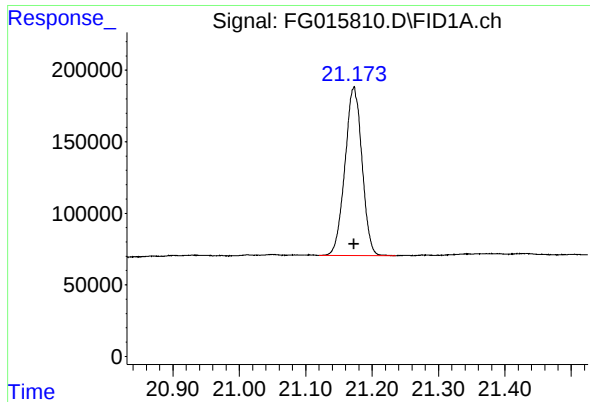
#19 n-Tetatriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.000 min
Response: 2277934
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

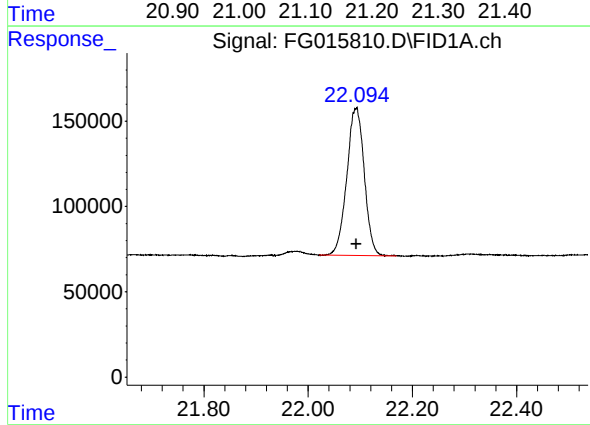
R.T.: 20.432 min
Delta R.T.: 0.000 min
Response: 2217509
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.000 min
Response: 2099538
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: 0.000 min
Response: 2013326
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015810.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 11:28
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.242	3.203	3.311	BB	232299	2312924	75.40%	4.364%
2	4.501	4.470	4.569	BB	232264	2332582	76.04%	4.401%
3	6.214	6.188	6.328	BB	221561	2446759	79.77%	4.617%
4	6.681	6.651	6.748	BB	230570	2379271	77.57%	4.489%
5	7.316	7.285	7.438	BB	208577	2415642	78.75%	4.558%
6	8.518	8.478	8.588	BB	218836	2375415	77.44%	4.482%
7	10.131	10.095	10.205	BB	218084	2450401	79.89%	4.623%
8	11.580	11.536	11.639	BB	223782	2514102	81.96%	4.744%
9	11.896	11.850	11.963	BB	283220	3067401	100.00%	5.788%
10	12.895	12.856	12.946	BB	212184	2525610	82.34%	4.765%
11	13.341	13.302	13.399	BB	197033	2379192	77.56%	4.489%
12	13.508	13.472	13.566	BB	199816	2521784	82.21%	4.758%
13	14.097	14.060	14.148	BB	200836	2506351	81.71%	4.729%
14	15.204	15.164	15.258	BB	201953	2490681	81.20%	4.699%
15	16.229	16.175	16.285	BB	186199	2457561	80.12%	4.637%
16	17.181	17.131	17.232	BB	185632	2410497	78.58%	4.548%
17	18.071	18.018	18.113	BB	177962	2415823	78.76%	4.558%
18	18.906	18.852	18.961	BB	167567	2389551	77.90%	4.509%
19	19.691	19.640	19.732	BB	156432	2277934	74.26%	4.298%
20	20.432	20.390	20.477	BB	152380	2217509	72.29%	4.184%
21	21.172	21.120	21.236	BB	117574	2099538	68.45%	3.961%
22	22.092	22.021	22.168	BB	85898	2013326	65.64%	3.799%
Sum of corrected areas:							52999853	

Aliphatic EPH 051225.M Mon May 12 13:53:59 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015811.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 11:58
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: May 12 12:05:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:05:12 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	1602836	10.703 ug/ml
Spiked Amount 50.000		Recovery =	21.41%
12) S 1-chlorooctadecane (S...	13.341	1243902	10.740 ug/ml
Spiked Amount 50.000		Recovery =	21.48%
Target Compounds			
1) T n-Nonane (C9)	3.242	1201212	10.589 ug/ml
2) T n-Decane (C10)	4.501	1210017	10.565 ug/ml
3) T A~Naphthalene (C11.7)	6.214	1233022	10.182 ug/ml
4) T n-Dodecane (C12)	6.680	1231371	10.557 ug/ml
5) T A~2-methylnaphthalene...	7.317	1189879	9.964 ug/ml
6) T n-Tetradecane (C14)	8.517	1226578	10.519 ug/ml
7) T n-Hexadecane (C16)	10.131	1261485	10.538 ug/ml
8) T n-Octadecane (C18)	11.580	1305400	10.657 ug/ml
10) T n-Eicosane (C20)	12.894	1323436	10.775 ug/ml
11) T n-Heneicosane (C21)	13.508	1326101	10.816 ug/ml
13) T n-Docosane (C22)	14.096	1322212	10.840 ug/ml
14) T n-Tetracosane (C24)	15.203	1317600	10.881 ug/ml
15) T n-Hexacosane (C26)	16.226	1308211	10.950 ug/ml
16) T n-Octacosane (C28)	17.180	1292913	11.034 ug/ml
17) T n-Tricontane (C30)	18.071	1309744	11.152 ug/ml
18) T n-Dotriacontane (C32)	18.904	1302970	11.223 ug/ml
19) T n-Tetratriacontane (C34)	19.689	1230523	11.134 ug/ml
20) T n-Hexatriacontane (C36)	20.431	1187406	11.023 ug/ml
21) T n-Octatriacontane (C38)	21.172	1143762	11.139 ug/ml
22) T n-Tetracontane (C40)	22.091	1073686	10.869 ug/ml

(f)=RT Delta > 1/2 Window

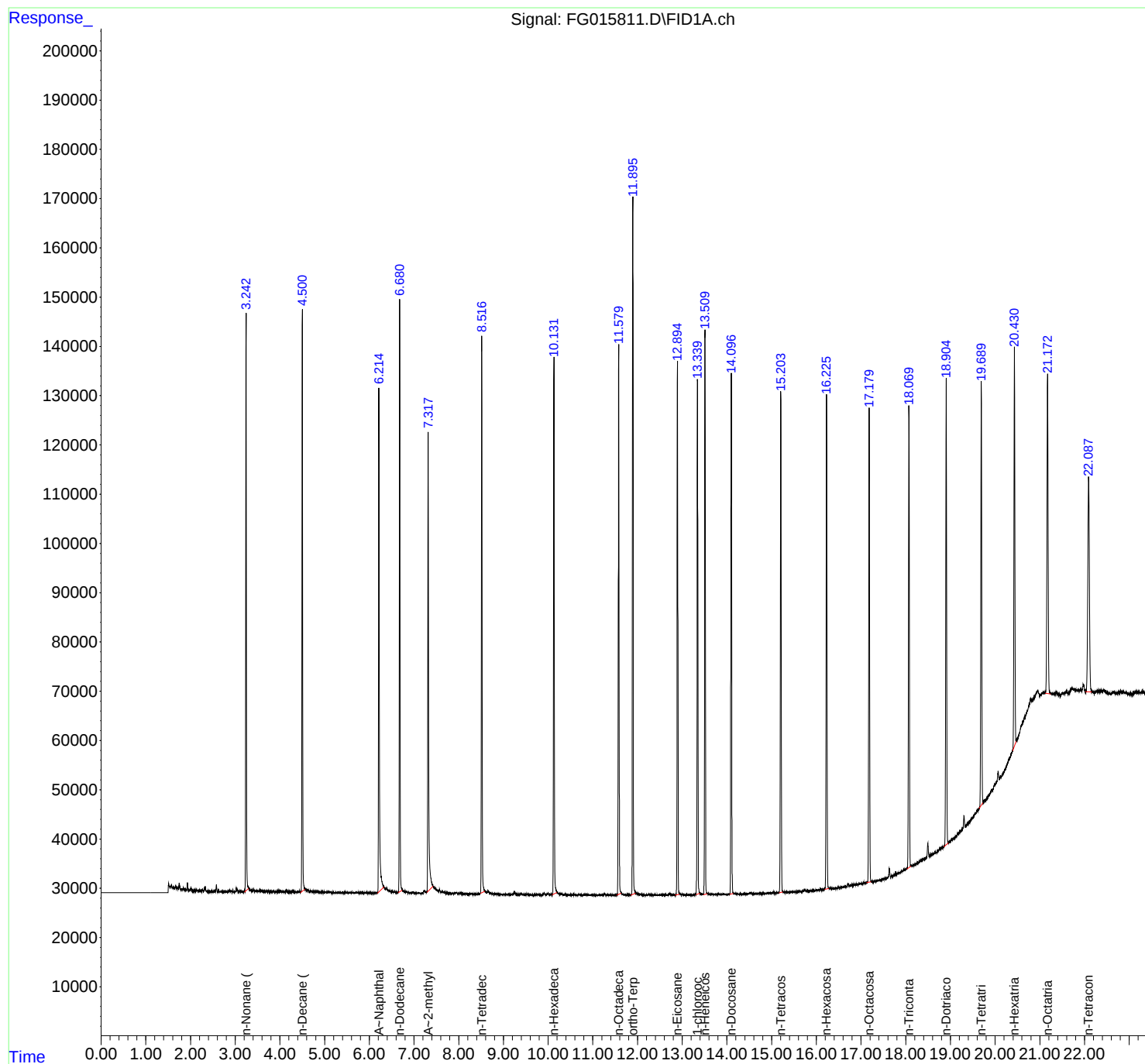
(m)=manual int.

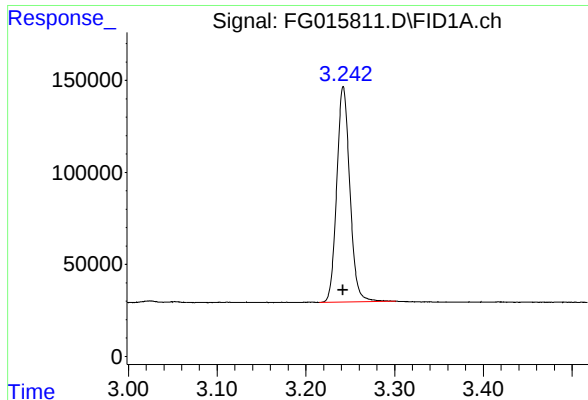
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015811.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 11:58
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: May 12 12:05:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:05:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

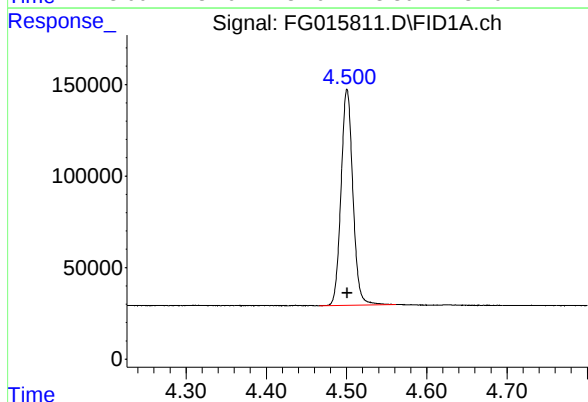




#1 n-Nonane (C9)

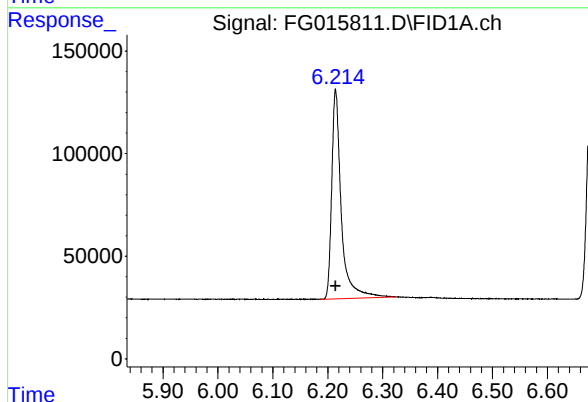
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 1201212
Conc: 10.59 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



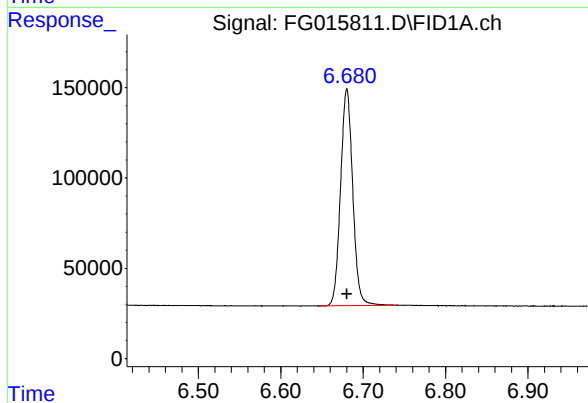
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 1210017
Conc: 10.57 ug/ml



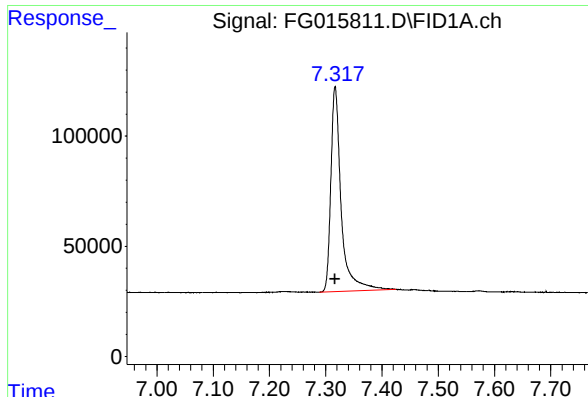
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 1233022
Conc: 10.18 ug/ml



#4 n-Dodecane (C12)

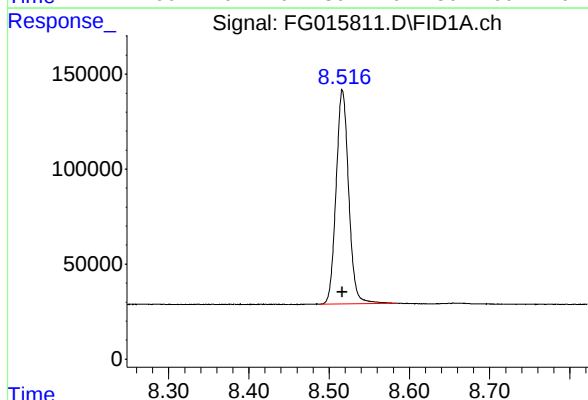
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 1231371
Conc: 10.56 ug/ml



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

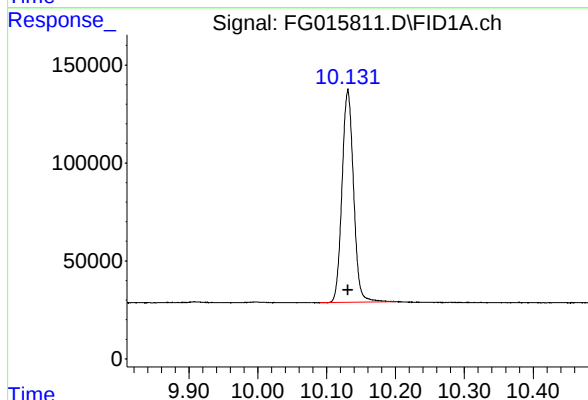
R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 1189879
Conc: 9.96 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



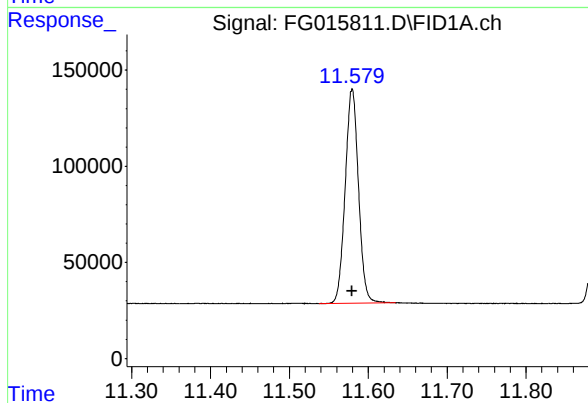
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 1226578
Conc: 10.52 ug/ml



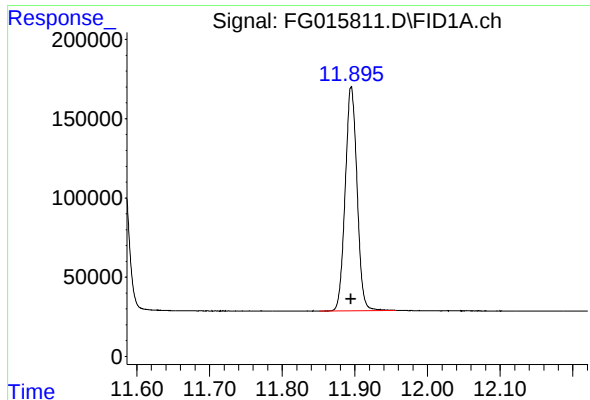
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.000 min
Response: 1261485
Conc: 10.54 ug/ml



#8 n-Octadecane (C18)

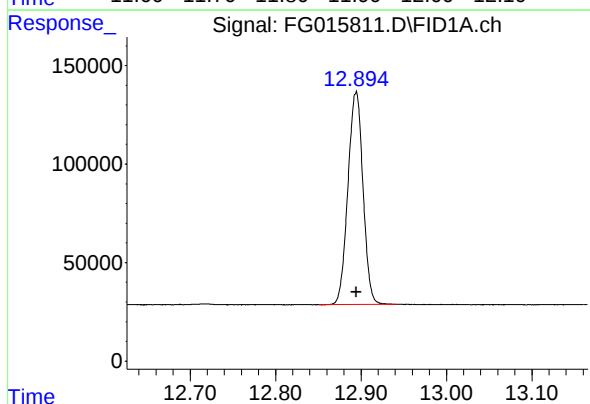
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 1305400
Conc: 10.66 ug/ml



#9 ortho-Terphenyl (SURR)

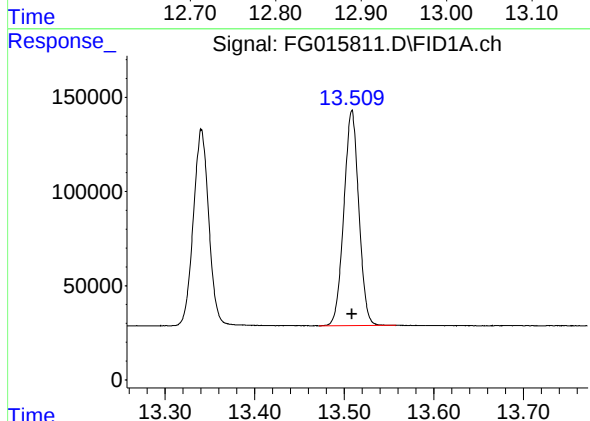
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 1602836
Conc: 10.70 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



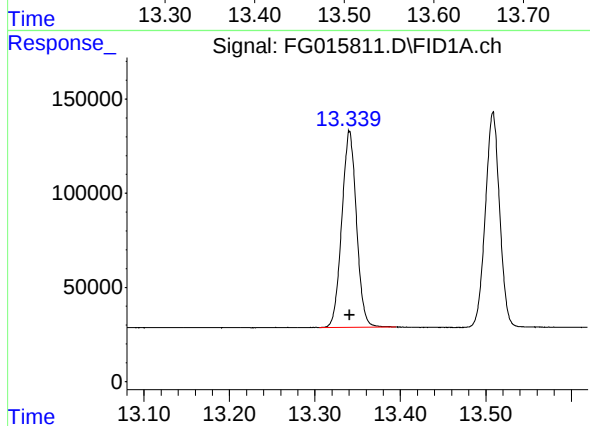
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 1323436
Conc: 10.77 ug/ml



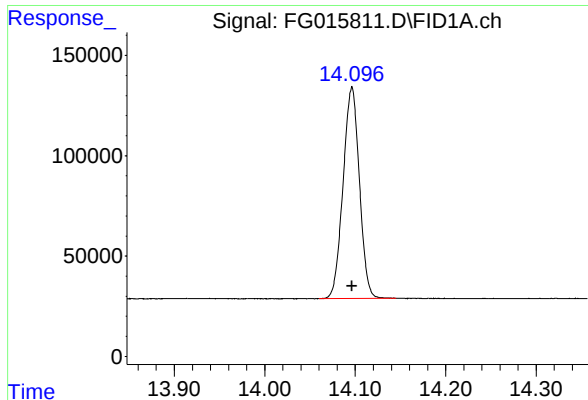
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 1326101
Conc: 10.82 ug/ml



#12 1-chlorooctadecane (SURR)

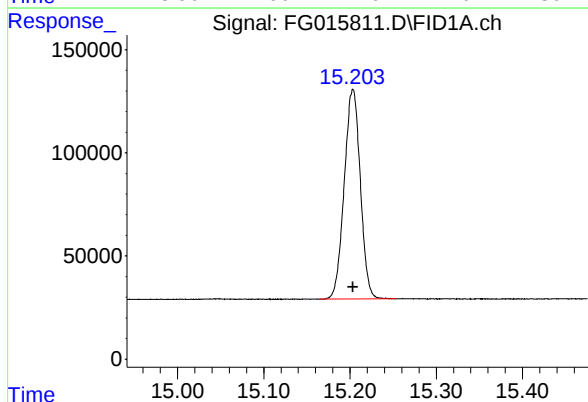
R.T.: 13.341 min
Delta R.T.: 0.000 min
Response: 1243902
Conc: 10.74 ug/ml



#13 n-Docosane (C22)

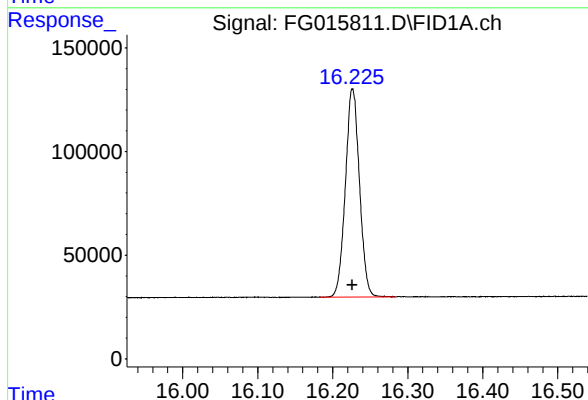
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 1322212
Conc: 10.84 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



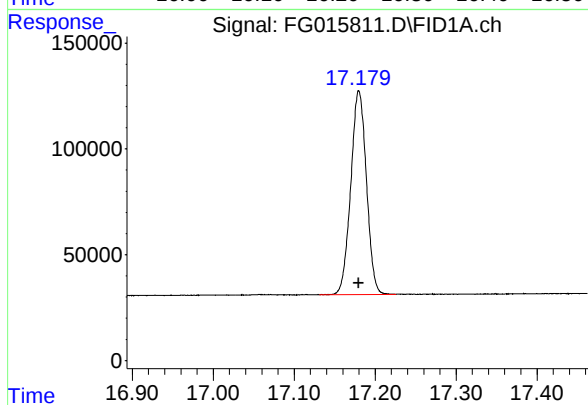
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: 0.000 min
Response: 1317600
Conc: 10.88 ug/ml



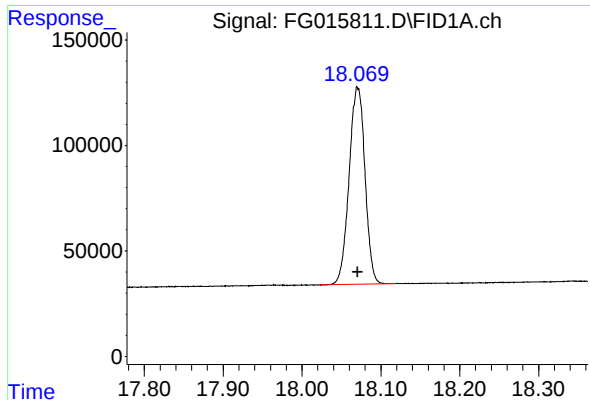
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: 0.000 min
Response: 1308211
Conc: 10.95 ug/ml



#16 n-Octacosane (C28)

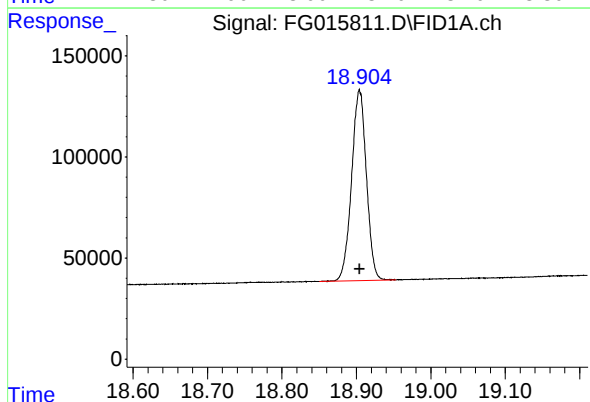
R.T.: 17.180 min
Delta R.T.: 0.000 min
Response: 1292913
Conc: 11.03 ug/ml



#17 n-Tricontane (C30)

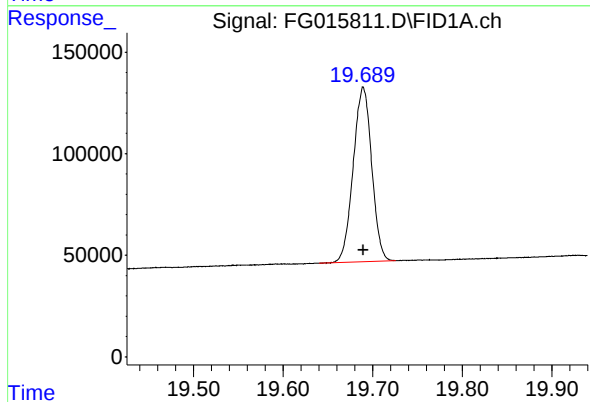
R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 1309744
Conc: 11.15 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



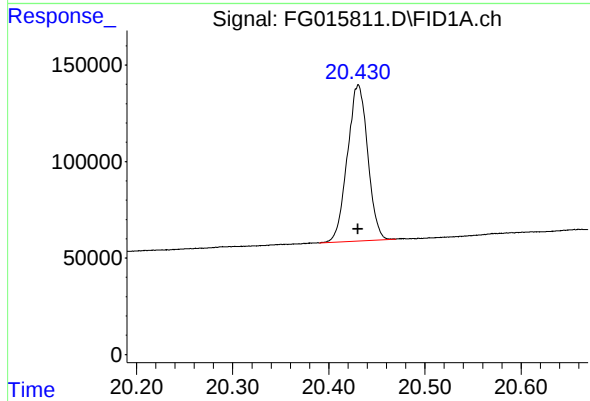
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 1302970
Conc: 11.22 ug/ml



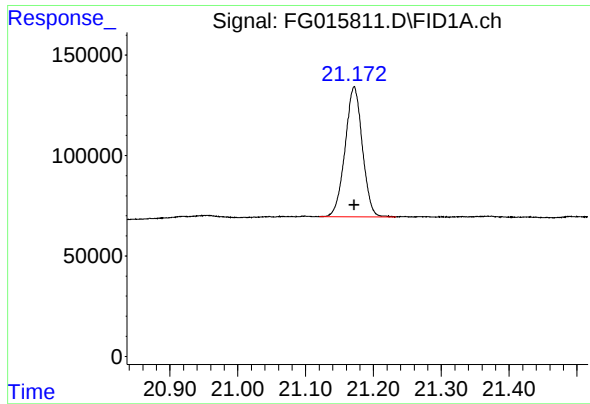
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.000 min
Response: 1230523
Conc: 11.13 ug/ml



#20 n-Hexatriacontane (C36)

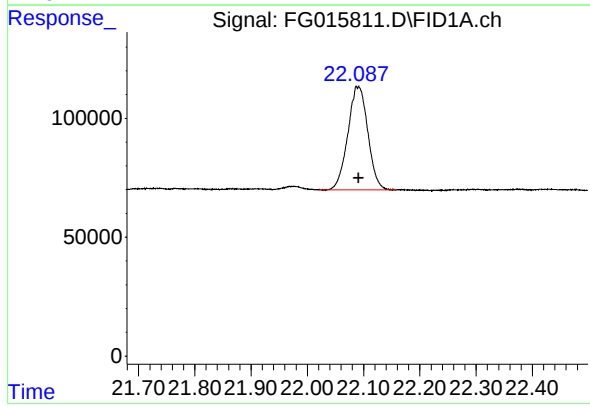
R.T.: 20.431 min
Delta R.T.: 0.000 min
Response: 1187406
Conc: 11.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.000 min
Response: 1143762
Conc: 11.14 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: 0.000 min
Response: 1073686
Conc: 10.87 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015811.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 11:58
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.242	3.215	3.302	BB	117080	1201212	74.94%	4.314%
2	4.501	4.466	4.562	BB	118043	1210017	75.49%	4.346%
3	6.214	6.184	6.324	BB	102004	1233022	76.93%	4.428%
4	6.680	6.647	6.740	BB	120140	1231371	76.82%	4.422%
5	7.317	7.288	7.425	BB	93066	1189879	74.24%	4.273%
6	8.517	8.488	8.583	BB	112300	1226578	76.53%	4.405%
7	10.131	10.089	10.201	BB	108618	1261485	78.70%	4.531%
8	11.580	11.538	11.635	BB	111639	1305400	81.44%	4.688%
9	11.895	11.851	11.957	BB	141252	1602836	100.00%	5.756%
10	12.894	12.851	12.941	BB	107781	1323436	82.57%	4.753%
11	13.341	13.305	13.395	BB	104032	1243902	77.61%	4.467%
12	13.508	13.472	13.558	BB	114194	1326101	82.73%	4.763%
13	14.096	14.060	14.145	BB	105755	1322212	82.49%	4.749%
14	15.203	15.164	15.253	BB	101710	1317600	82.20%	4.732%
15	16.226	16.182	16.284	BB	100262	1308211	81.62%	4.698%
16	17.180	17.131	17.226	BB	96163	1292913	80.66%	4.643%
17	18.071	18.022	18.119	BB	92660	1309744	81.71%	4.704%
18	18.904	18.850	18.953	BB	94303	1302970	81.29%	4.679%
19	19.689	19.640	19.726	BB	86073	1230523	76.77%	4.419%
20	20.431	20.390	20.470	BB	81056	1187406	74.08%	4.264%
21	21.172	21.120	21.233	BB	64849	1143762	71.36%	4.108%
22	22.091	22.021	22.158	BB	43530	1073686	66.99%	3.856%
Sum of corrected areas:							27844266	

Aliphatic EPH 051225.M Mon May 12 13:54:18 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015812.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 12:27
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 12 12:44:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:43:51 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	727053	4.883 ug/ml
Spiked Amount 50.000		Recovery =	9.77%
12) S 1-chlorooctadecane (S...	13.340	563684	4.893 ug/ml
Spiked Amount 50.000		Recovery =	9.79%
Target Compounds			
1) T n-Nonane (C9)	3.243	536107	4.778 ug/ml
2) T n-Decane (C10)	4.500	537959	4.755 ug/ml
3) T A~Naphthalene (C11.7)	6.217	500900	4.284 ug/ml
4) T n-Dodecane (C12)	6.680	547840	4.754 ug/ml
5) T A~2-methylnaphthalene...	7.319	467175	4.090 ug/ml
6) T n-Tetradecane (C14)	8.516	547379	4.752 ug/ml
7) T n-Hexadecane (C16)	10.130	562402	4.755 ug/ml
8) T n-Octadecane (C18)	11.578	589123	4.846 ug/ml
10) T n-Eicosane (C20)	12.894	607268	4.955 ug/ml
11) T n-Heneicosane (C21)	13.507	609960	4.980 ug/ml
13) T n-Docosane (C22)	14.096	606356	4.977 ug/ml
14) T n-Tetracosane (C24)	15.202	606195	5.005 ug/ml
15) T n-Hexacosane (C26)	16.227	603362	5.040 ug/ml
16) T n-Octacosane (C28)	17.179	604215	5.124 ug/ml
17) T n-Tricontane (C30)	18.069	621666	5.232 ug/ml
18) T n-Dotriacontane (C32)	18.904	631069	5.343 ug/ml
19) T n-Tetratriacontane (C34)	19.688	581348	5.206 ug/ml
20) T n-Hexatriacontane (C36)	20.431	548987	5.077 ug/ml
21) T n-Octatriacontane (C38)	21.168	543362	5.231 ug/ml
22) T n-Tetracontane (C40)	22.090	573718	5.626 ug/ml

(f)=RT Delta > 1/2 Window

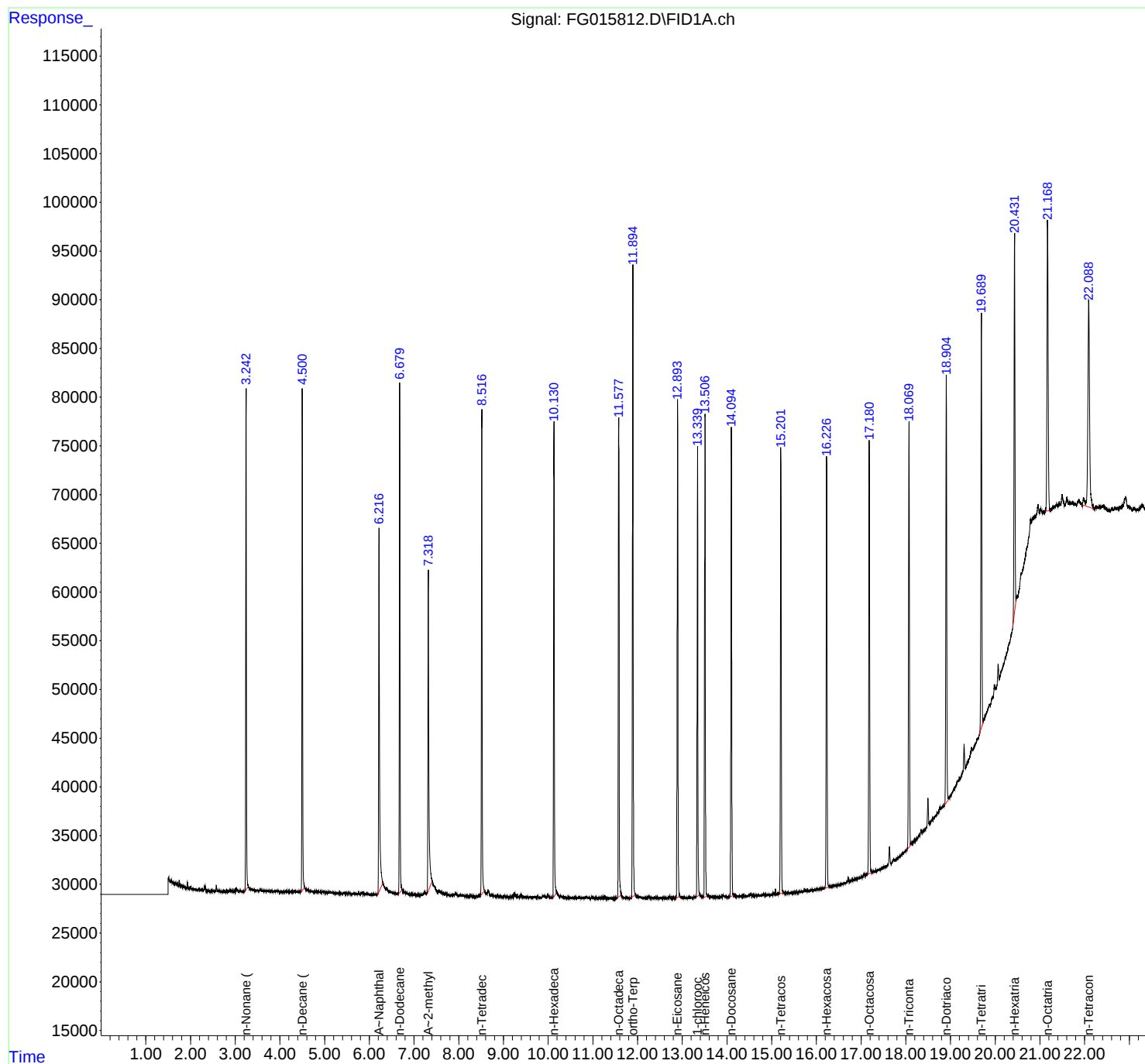
(m)=manual int.

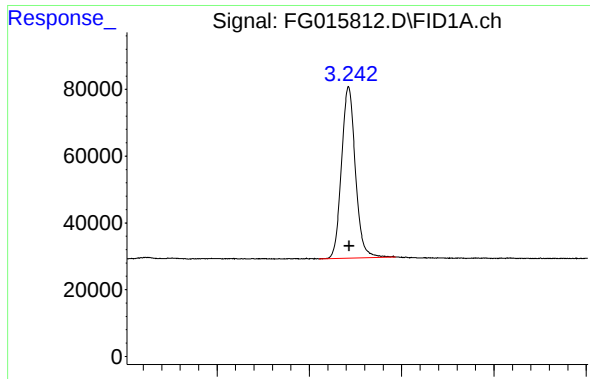
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015812.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 12:27
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: May 12 12:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:43:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

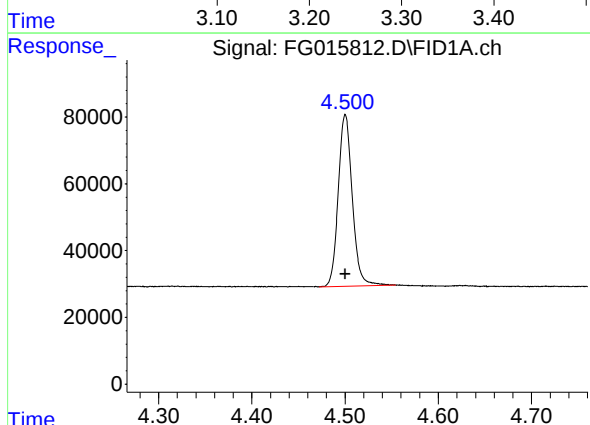




#1 n-Nonane (C9)

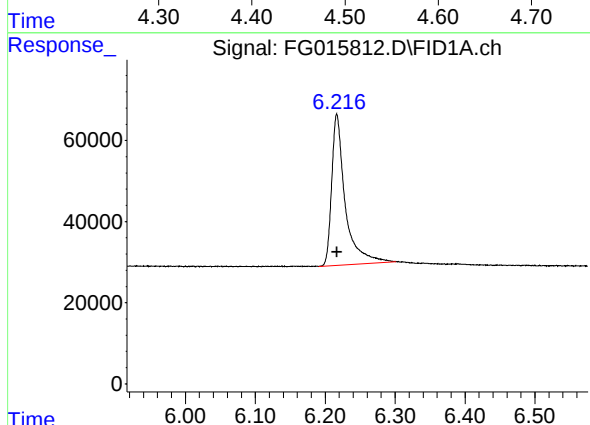
R.T.: 3.243 min
Delta R.T.: 0.000 min
Response: 536107
Conc: 4.78 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



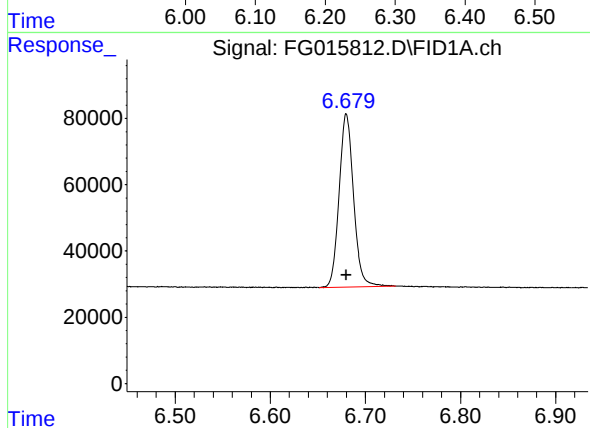
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 537959
Conc: 4.75 ug/ml



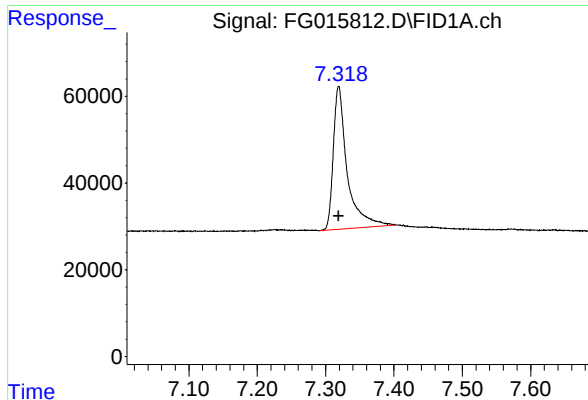
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 500900
Conc: 4.28 ug/ml



#4 n-Dodecane (C12)

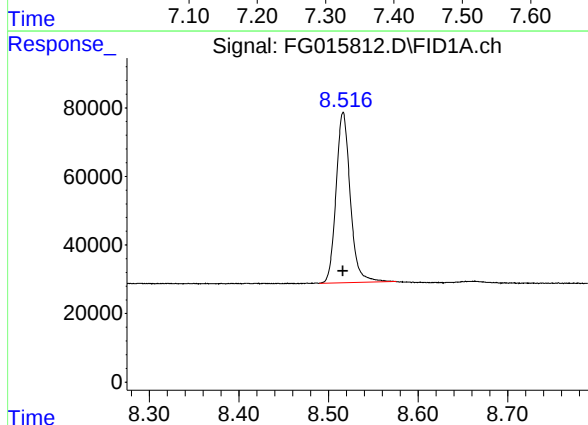
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 547840
Conc: 4.75 ug/ml



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

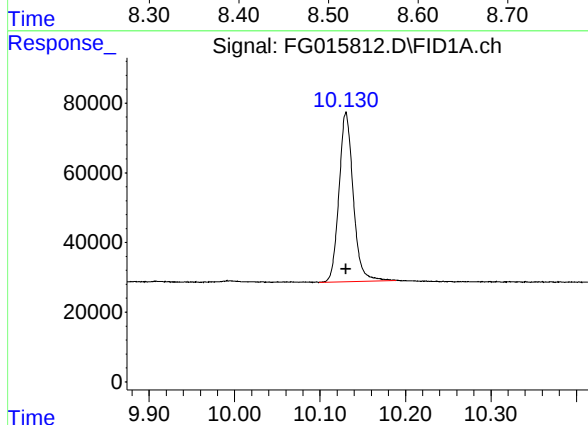
R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 467175
Conc: 4.09 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



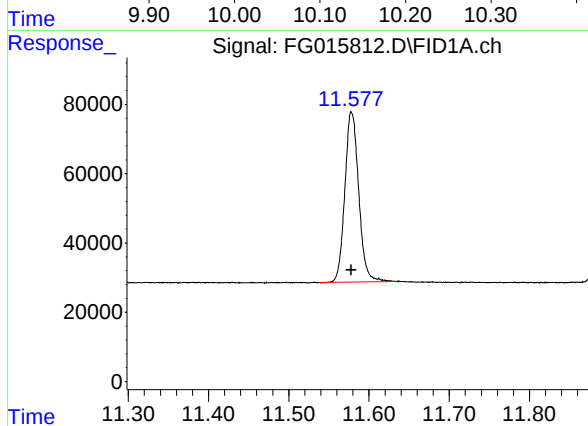
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 547379
Conc: 4.75 ug/ml



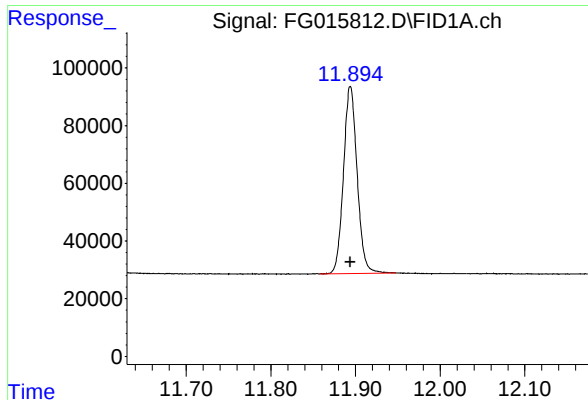
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: 0.000 min
Response: 562402
Conc: 4.76 ug/ml



#8 n-Octadecane (C18)

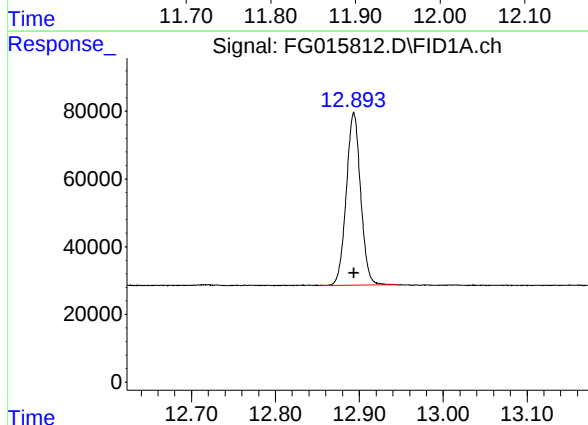
R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 589123
Conc: 4.85 ug/ml



#9 ortho-Terphenyl (SURRE)

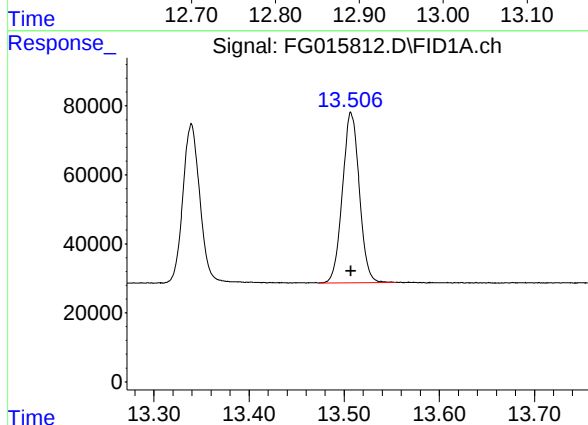
R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 727053
Conc: 4.88 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



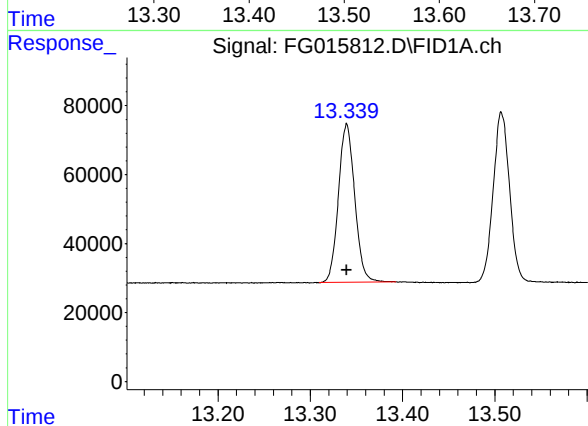
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 607268
Conc: 4.96 ug/ml



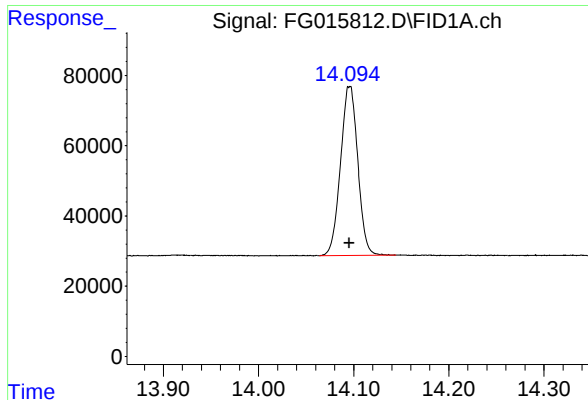
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: 0.000 min
Response: 609960
Conc: 4.98 ug/ml



#12 1-chlorooctadecane (SURRE)

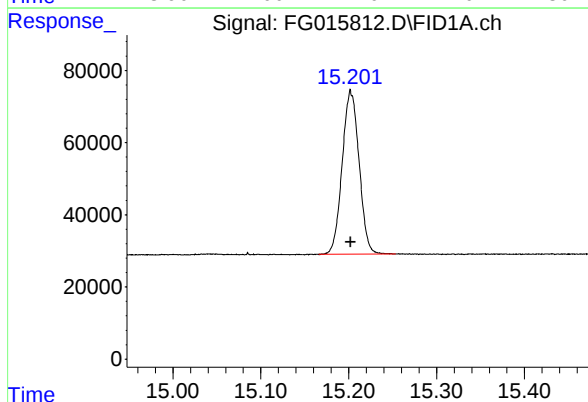
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 563684
Conc: 4.89 ug/ml



#13 n-Docosane (C22)

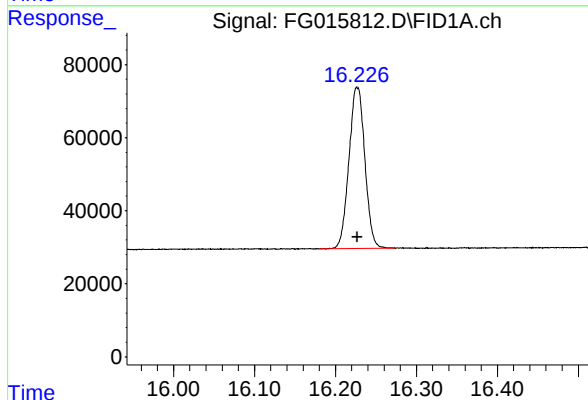
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 606356
Conc: 4.98 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



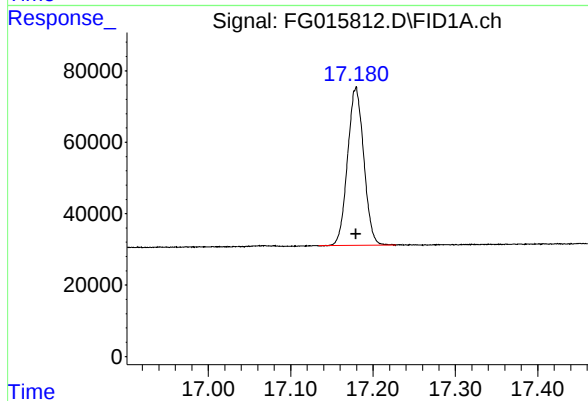
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 606195
Conc: 5.00 ug/ml



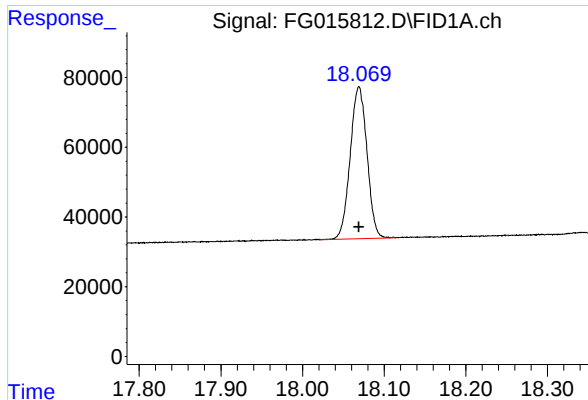
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: 0.000 min
Response: 603362
Conc: 5.04 ug/ml



#16 n-Octacosane (C28)

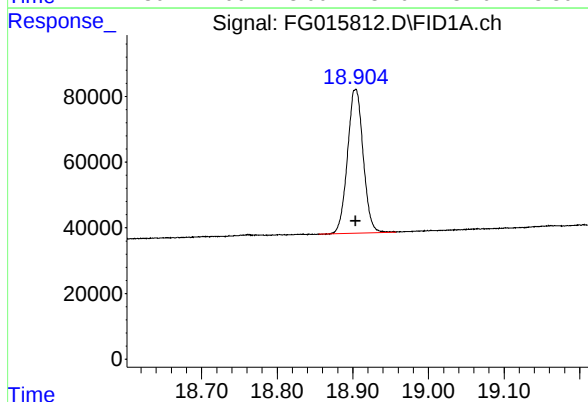
R.T.: 17.179 min
Delta R.T.: 0.000 min
Response: 604215
Conc: 5.12 ug/ml



#17 n-Tricontane (C30)

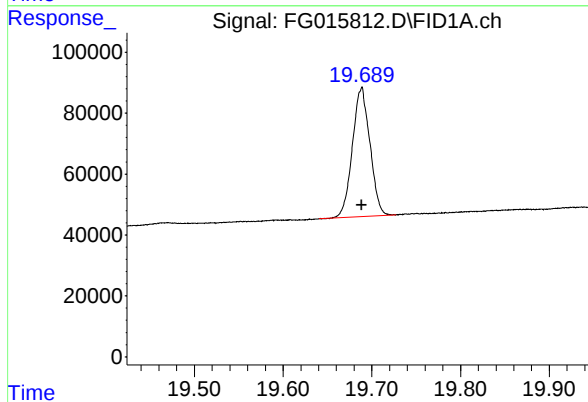
R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 621666
Conc: 5.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



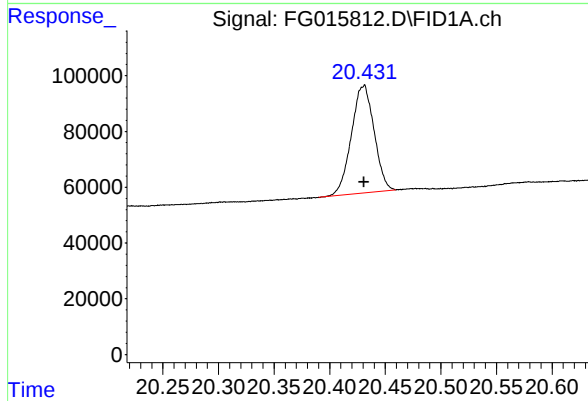
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 631069
Conc: 5.34 ug/ml



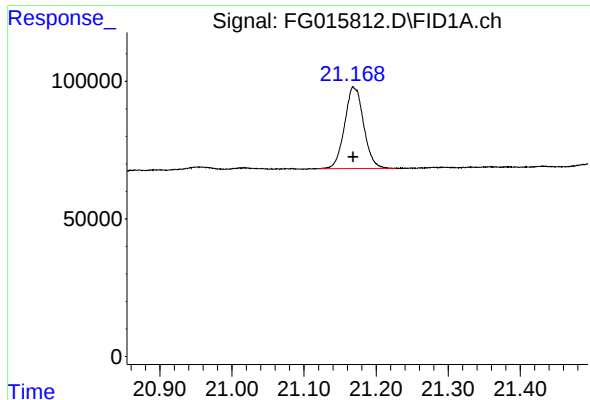
#19 n-Tetatriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 581348
Conc: 5.21 ug/ml



#20 n-Hexatriacontane (C36)

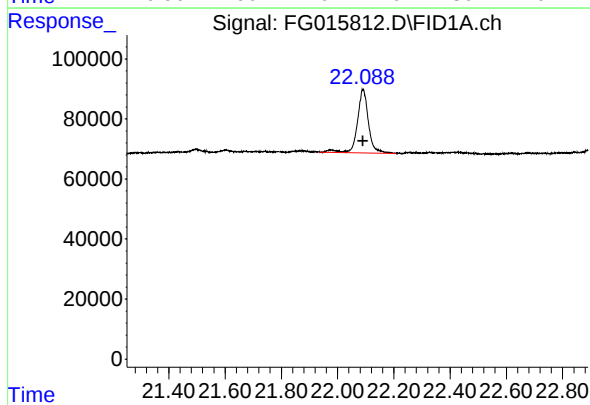
R.T.: 20.431 min
Delta R.T.: 0.000 min
Response: 548987
Conc: 5.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.000 min
Response: 543362
Conc: 5.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.090 min
Delta R.T.: 0.000 min
Response: 573718
Conc: 5.63 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015812.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 12:27
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.243	3.210	3.294	BB	51421	536107	73.74%	4.216%
2	4.500	4.472	4.555	BB	51433	537959	73.99%	4.230%
3	6.217	6.191	6.301	BB	37223	500900	68.89%	3.939%
4	6.680	6.651	6.732	BB	52241	547840	75.35%	4.308%
5	7.319	7.290	7.403	BB	32938	467175	64.26%	3.674%
6	8.516	8.489	8.575	BB	49691	547379	75.29%	4.304%
7	10.130	10.099	10.189	BB	48660	562402	77.35%	4.422%
8	11.578	11.538	11.634	BB	48791	589123	81.03%	4.633%
9	11.894	11.857	11.948	BB	64833	727053	100.00%	5.717%
10	12.894	12.852	12.944	BB	51025	607268	83.52%	4.775%
11	13.340	13.310	13.393	BB	46086	563684	77.53%	4.432%
12	13.507	13.474	13.555	BB	49429	609960	83.89%	4.796%
13	14.096	14.064	14.145	BB	47971	606356	83.40%	4.768%
14	15.202	15.166	15.254	BB	45386	606195	83.38%	4.767%
15	16.227	16.180	16.275	BB	43959	603362	82.99%	4.744%
16	17.179	17.134	17.228	BB	44349	604215	83.10%	4.751%
17	18.069	18.020	18.115	BB	43610	621666	85.50%	4.888%
18	18.904	18.855	18.957	BB	43758	631069	86.80%	4.962%
19	19.688	19.640	19.727	BB	42448	581348	79.96%	4.571%
20	20.431	20.390	20.460	BV	38210	548987	75.51%	4.317%
21	21.168	21.121	21.227	BB	29454	543362	74.73%	4.273%
22	22.090	21.934	22.207	BB	20923	573718	78.91%	4.511%
Sum of corrected areas:							12717128	

Aliphatic EPH 051225.M Mon May 12 13:54:35 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015813.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 12:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 12 13:33:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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	3059416	20.548 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
12) S 1-chlorooctadecane (S...	13.340	2369854	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.242	2310984	20.598 ug/ml
2) T n-Decane (C10)	4.501	2326906	20.566 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2447205	20.932 ug/ml
4) T n-Dodecane (C12)	6.681	2372395	20.588 ug/ml
5) T A~2-methylnaphthalene...	7.316	2407866	21.081 ug/ml
6) T n-Tetradecane (C14)	8.517	2371992	20.593 ug/ml
7) T n-Hexadecane (C16)	10.131	2441866	20.647 ug/ml
8) T n-Octadecane (C18)	11.580	2505960	20.616 ug/ml
10) T n-Eicosane (C20)	12.894	2514844	20.520 ug/ml
11) T n-Heneicosane (C21)	13.508	2506872	20.466 ug/ml
13) T n-Docosane (C22)	14.097	2495966	20.486 ug/ml
14) T n-Tetracosane (C24)	15.203	2475703	20.439 ug/ml
15) T n-Hexacosane (C26)	16.228	2437848	20.365 ug/ml
16) T n-Octacosane (C28)	17.181	2386626	20.241 ug/ml
17) T n-Tricontane (C30)	18.070	2386236	20.082 ug/ml
18) T n-Dotriacontane (C32)	18.905	2372181	20.083 ug/ml
19) T n-Tetratriacontane (C34)	19.690	2251845	20.166 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2198487	20.331 ug/ml
21) T n-Octatriacontane (C38)	21.173	2107171	20.285 ug/ml
22) T n-Tetracontane (C40)	22.089	2027880	19.886 ug/ml

(f)=RT Delta > 1/2 Window

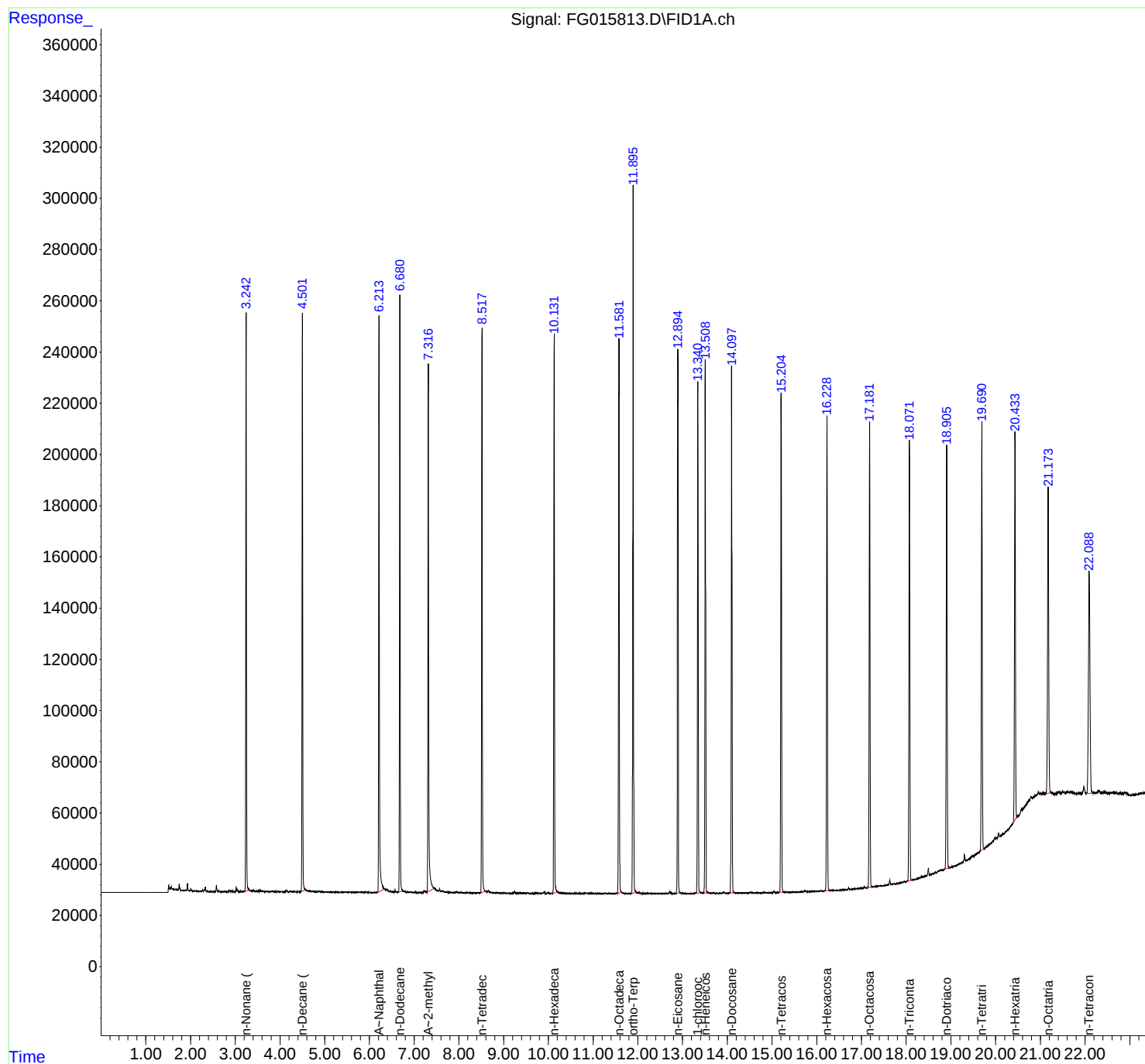
(m)=manual int.

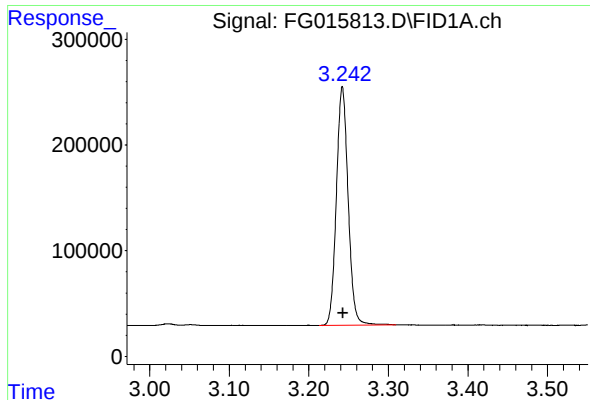
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015813.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 12:56
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: May 12 13:33:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 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)

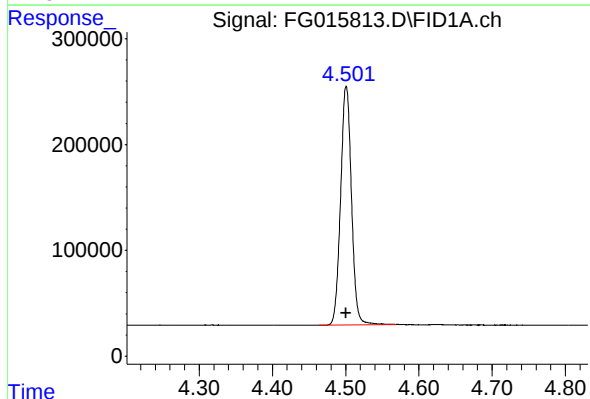
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 2310984
Conc: 20.60 ug/ml

Instrument :

FID_G

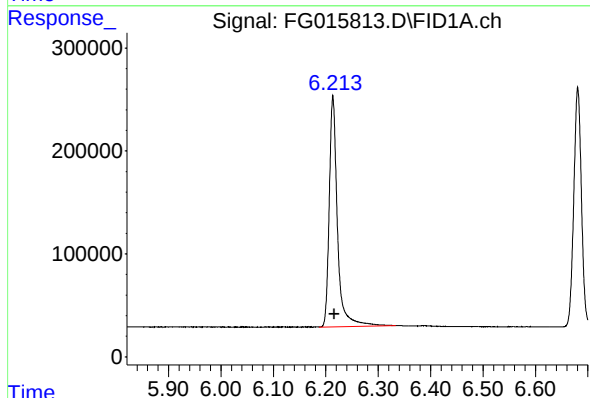
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



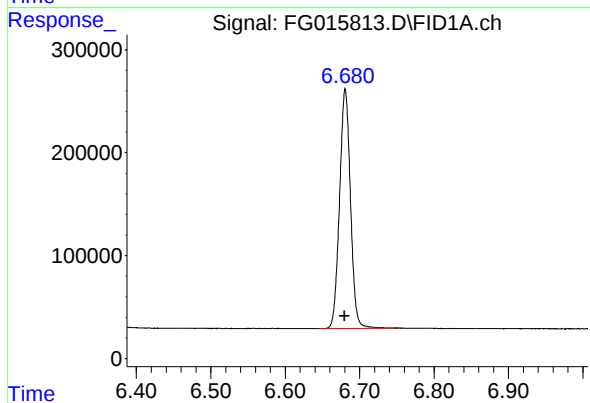
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 2326906
Conc: 20.57 ug/ml



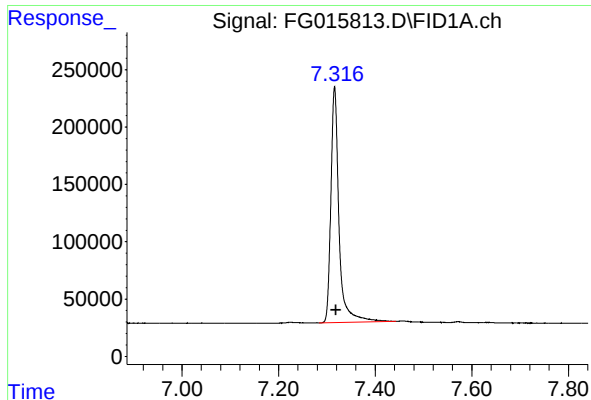
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 2447205
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

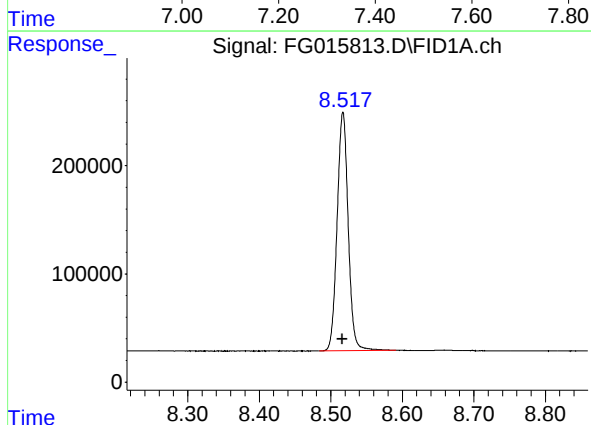
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 2372395
Conc: 20.59 ug/ml



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

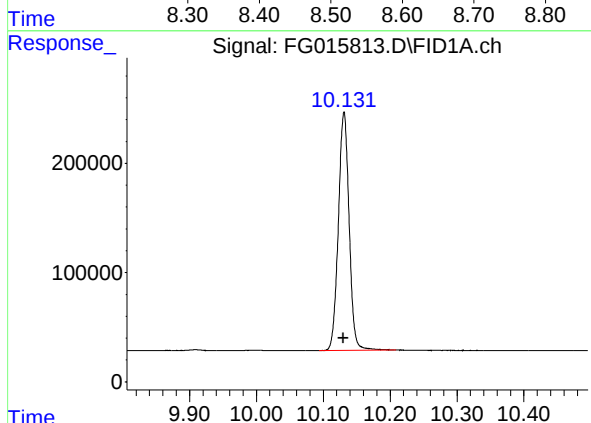
R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 2407866
Conc: 21.08 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



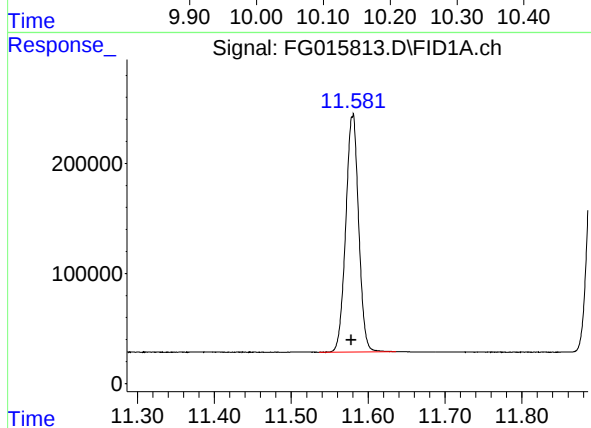
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.000 min
Response: 2371992
Conc: 20.59 ug/ml



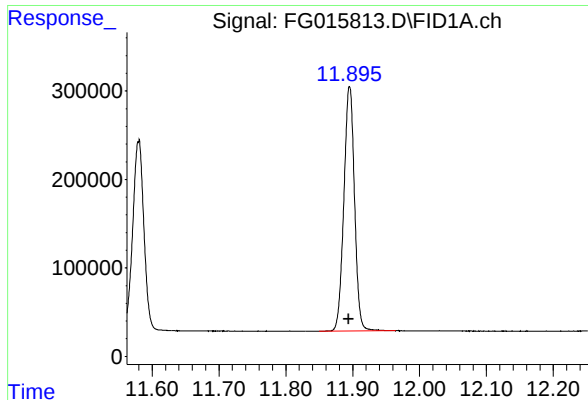
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: 0.000 min
Response: 2441866
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: 0.002 min
Response: 2505960
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

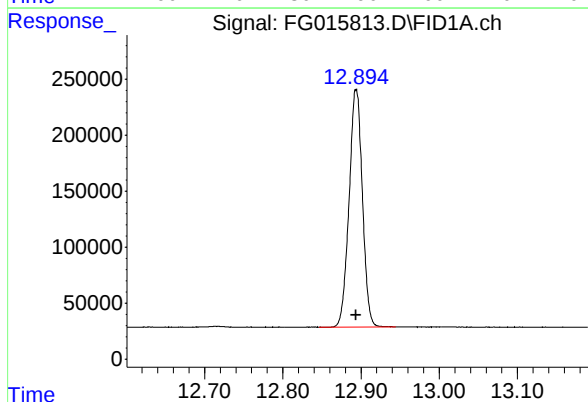
R.T.: 11.895 min
Delta R.T.: 0.001 min
Response: 3059416
Conc: 20.55 ug/ml

Instrument :

FID_G

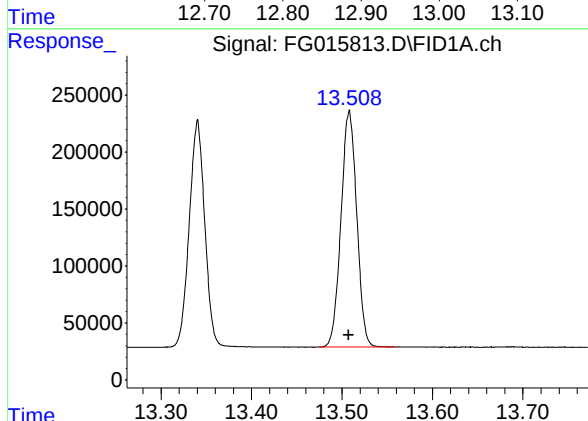
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



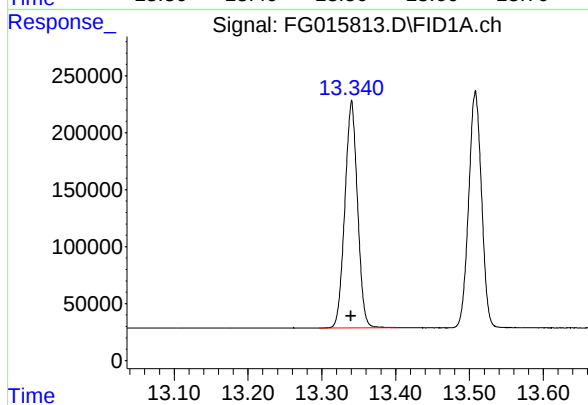
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.000 min
Response: 2514844
Conc: 20.52 ug/ml



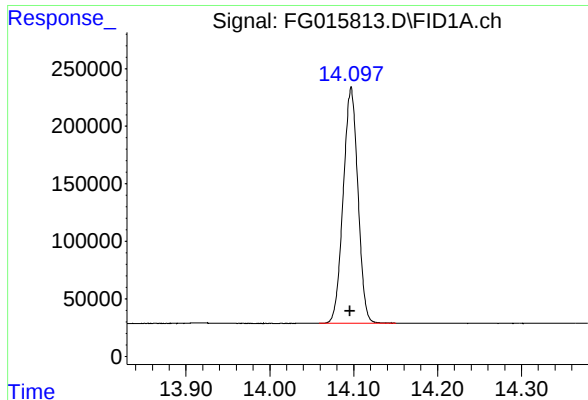
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 2506872
Conc: 20.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 2369854
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

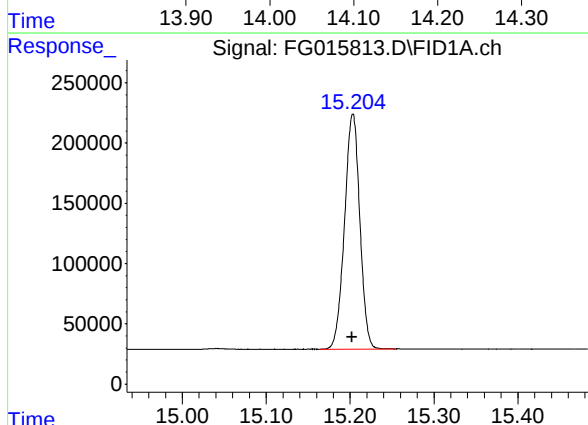
R.T.: 14.097 min
Delta R.T.: 0.001 min
Response: 2495966
Conc: 20.49 ug/ml

Instrument :

FID_G

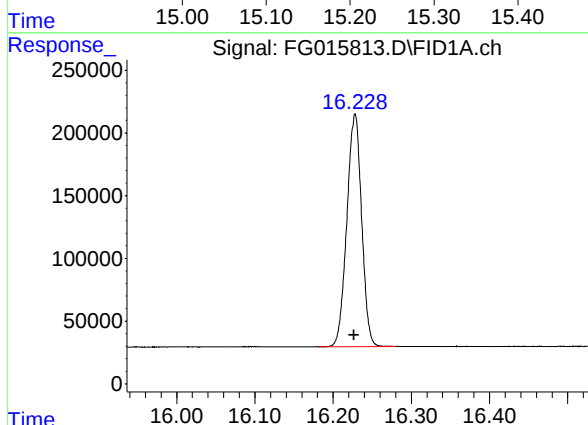
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



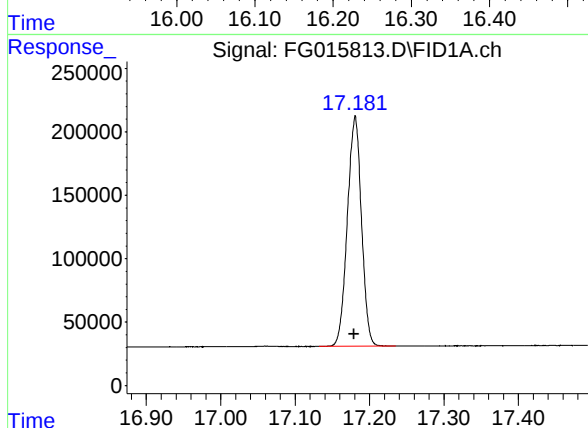
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: 0.001 min
Response: 2475703
Conc: 20.44 ug/ml



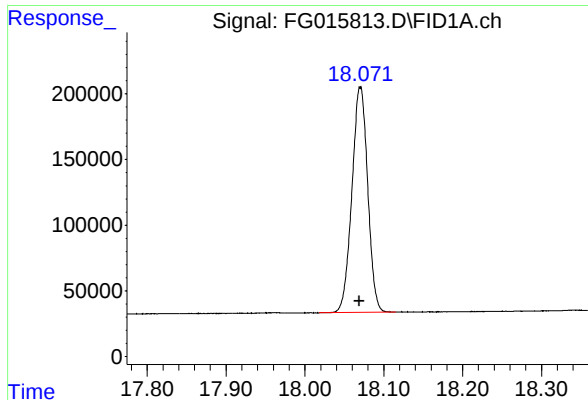
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: 0.001 min
Response: 2437848
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: 0.002 min
Response: 2386626
Conc: 20.24 ug/ml



#17 n-Tricontane (C30)

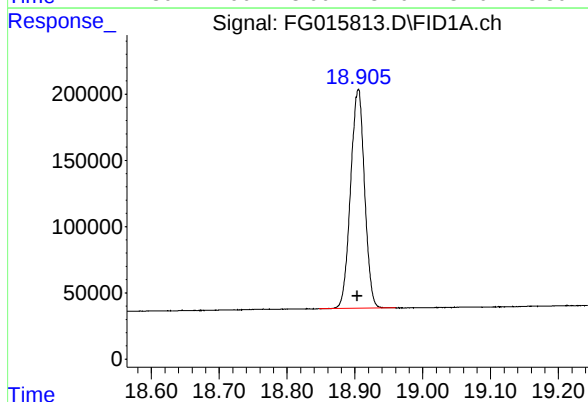
R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 2386236
Conc: 20.08 ug/ml

Instrument :

FID_G

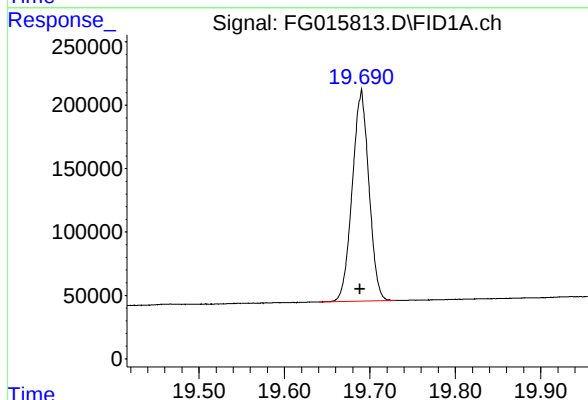
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



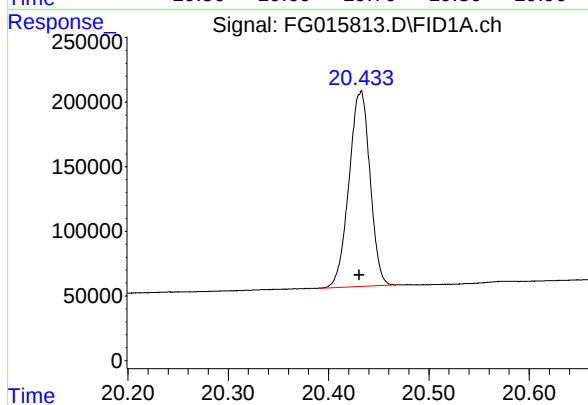
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: 0.002 min
Response: 2372181
Conc: 20.08 ug/ml



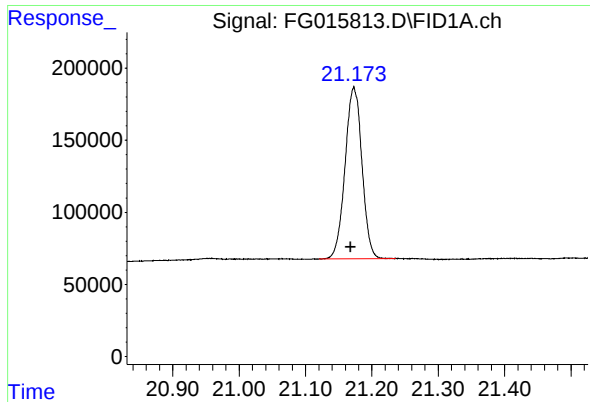
#19 n-Tetatriacontane (C34)

R.T.: 19.690 min
Delta R.T.: 0.002 min
Response: 2251845
Conc: 20.17 ug/ml



#20 n-Hexatriacontane (C36)

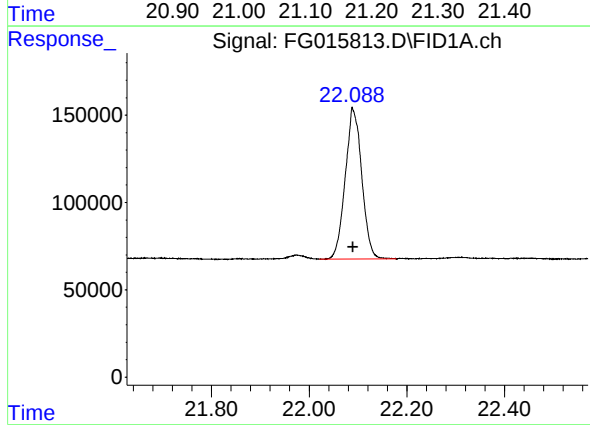
R.T.: 20.432 min
Delta R.T.: 0.001 min
Response: 2198487
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: 0.004 min
Response: 2107171
Conc: 20.29 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: 0.000 min
Response: 2027880
Conc: 19.89 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
 Data File : FG015813.D
 Signal(s) : FID1A.ch
 Acq On : 12 May 2025 12:56
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.242	3.213	3.310	BB	225854	2310984	75.54%	4.379%
2	4.501	4.464	4.569	BB	225785	2326906	76.06%	4.409%
3	6.214	6.187	6.334	BB	224860	2447205	79.99%	4.637%
4	6.681	6.645	6.749	BB	232121	2372395	77.54%	4.495%
5	7.316	7.284	7.443	BB	206140	2407866	78.70%	4.562%
6	8.517	8.484	8.591	BB	220467	2371992	77.53%	4.494%
7	10.131	10.094	10.209	BB	218349	2441866	79.81%	4.627%
8	11.580	11.536	11.636	BB	214505	2505960	81.91%	4.748%
9	11.895	11.850	11.965	BB	276218	3059416	100.00%	5.797%
10	12.894	12.846	12.945	BB	211352	2514844	82.20%	4.765%
11	13.340	13.296	13.400	BB	199833	2369854	77.46%	4.490%
12	13.508	13.475	13.560	BB	207575	2506872	81.94%	4.750%
13	14.097	14.059	14.150	BB	205813	2495966	81.58%	4.729%
14	15.203	15.163	15.255	BB	194987	2475703	80.92%	4.691%
15	16.228	16.182	16.280	BB	185634	2437848	79.68%	4.619%
16	17.181	17.132	17.235	BB	181989	2386626	78.01%	4.522%
17	18.070	18.018	18.115	BB	170663	2386236	78.00%	4.521%
18	18.905	18.847	18.960	BB	165325	2372181	77.54%	4.495%
19	19.690	19.640	19.730	BB	167650	2251845	73.60%	4.267%
20	20.432	20.390	20.467	BB	150105	2198487	71.86%	4.166%
21	21.173	21.120	21.236	BB	119331	2107171	68.87%	3.993%
22	22.089	22.020	22.178	BB	86450	2027880	66.28%	3.842%
Sum of corrected areas:							52776101	

Aliphatic EPH 051225.M Mon May 12 13:52:16 2025

Continuing Calibration Report for SequenceID : FG051625AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FG015844.D

Aliphatic C9-C12	6971564.000	60.000	3.136	6.775	116192.733	113522.354	-2.352
Aliphatic C12-C16	4730896.000	40.000	6.776	10.226	118272.400	116725.144	-1.326
Aliphatic C16-C21	7118204.000	60.000	10.227	13.601	118636.733	122199.347	2.915
Aliphatic C21-C28	8930822.000	80.000	13.602	17.272	111635.275	120144.859	7.083
Aliphatic C28-C40	12431849.000	120.000	17.273	22.179	103598.742	110433.346	6.189
Aliphatic EPH	40183335.000	360.000	3.136	22.179	111620.375	115766.384	3.581

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	16 May 2025 10:58
Client Sample ID:		Operator:	YP\AJ
Data file:	FG015844.D	Misc:	
Instrument:	FID_G	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.136	6.775	6971564.000	60.000	ug/ml
Aliphatic C12-C16	6.776	10.226	4730896.000	40.000	ug/ml
Aliphatic C16-C21	10.227	13.601	7118204.000	60.000	ug/ml
Aliphatic C21-C28	13.602	17.272	8930822.000	80.000	ug/ml
Aliphatic C28-C40	17.273	22.179	12431849.000	120.000	ug/ml
Aliphatic EPH	3.136	22.179	40183335.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015844.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 10:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/19/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File: autoint1.e
 Quant Time: May 17 00:41:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.889	2900878	19.484 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	13.333	2181401	18.936 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.236	2292389	20.432 ug/ml
2) T n-Decane (C10)	4.495	2314197	20.454 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2402025	20.546 ug/ml
4) T n-Dodecane (C12)	6.675	2364978	20.524 ug/ml
5) T A~2-methylnaphthalene...	7.311	2313341	20.253 ug/ml
6) T n-Tetradecane (C14)	8.512	2348246	20.387 ug/ml
7) T n-Hexadecane (C16)	10.126	2382650	20.146 ug/ml
8) T n-Octadecane (C18)	11.573	2405099	19.786 ug/mlm
10) T n-Eicosane (C20)	12.887	2366974	19.314 ug/ml
11) T n-Heneicosane (C21)	13.501	2346131	19.154 ug/ml
13) T n-Docosane (C22)	14.090	2311049	18.968 ug/ml
14) T n-Tetracosane (C24)	15.196	2264478	18.695 ug/ml
15) T n-Hexacosane (C26)	16.220	2207035	18.437 ug/ml
16) T n-Octacosane (C28)	17.172	2148260	18.219 ug/ml
17) T n-Tricontane (C30)	18.062	2148296	18.079 ug/ml
18) T n-Dotriacontane (C32)	18.896	2194040	18.575 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2053967	18.394 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2060401	19.054 ug/mlm
21) T n-Octatriacontane (C38)	21.161	1958256	18.852 ug/ml
22) T n-Tetracontane (C40)	22.079	2016889	19.778 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015844.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 10:58
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

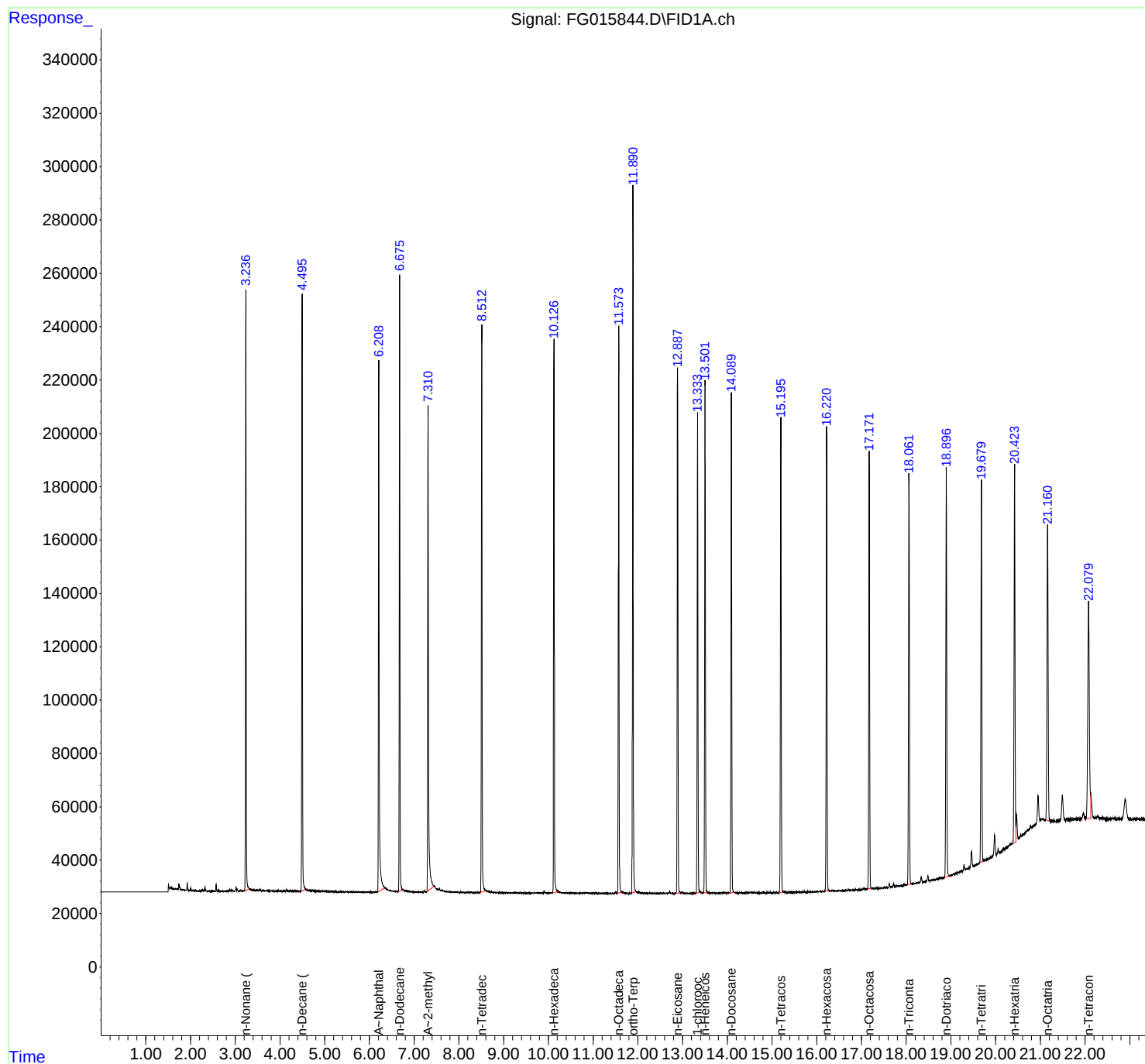
Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/19/2025
Supervised By :mohammad ahmed 05/20/2025

Integration File: autoint1.e
Quant Time: May 17 00:41:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 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

Instrument :
FID_G
LabSampleId :
20 PPM ALIPHATIC HC STD
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/19/2025
Supervised By :mohammad ahmed 05/20/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG05162
Data File : FG015844.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 10:58
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.236	3.200	3.317	BB	225047	2292389	79.02%	4.575%
2	4.495	4.465	4.578	BB	223953	2314197	79.78%	4.619%
3	6.208	6.184	6.342	BB	198995	2402025	82.80%	4.794%
4	6.675	6.640	6.747	BB	230794	2364978	81.53%	4.720%
5	7.311	7.275	7.440	BB	181792	2313341	79.75%	4.617%
6	8.512	8.472	8.596	BB	212627	2348246	80.95%	4.687%
7	10.126	10.084	10.207	BB	207039	2382650	82.14%	4.756%
8	11.574	11.480	11.641	BB	211808	2406677	82.96%	4.804%
9	11.889	11.845	11.957	BB	263391	2900878	100.00%	5.790%
10	12.887	12.841	12.950	BB	196657	2366974	81.60%	4.724%
11	13.333	13.298	13.394	BB	179220	2181401	75.20%	4.354%
12	13.501	13.466	13.559	BB	191894	2346131	80.88%	4.683%
13	14.090	14.047	14.150	BB	187437	2311049	79.67%	4.613%
14	15.196	15.158	15.250	BB	177649	2264478	78.06%	4.520%
15	16.220	16.179	16.275	BB	173704	2207035	76.08%	4.405%
16	17.172	17.125	17.226	BB	163056	2148260	74.06%	4.288%
17	18.062	18.009	18.116	BB	153460	2148296	74.06%	4.288%
18	18.896	18.845	18.960	BB	153766	2194040	75.63%	4.379%
19	19.681	19.640	19.735	BB	141950	2053967	70.81%	4.100%
20	20.423	20.390	20.451	BV	140972	2023738	69.76%	4.039%
21	21.161	21.120	21.223	BB	110834	1958256	67.51%	3.909%
22	22.079	22.006	22.199	PV	81572	2172568	74.89%	4.336%
Sum of corrected areas:						50101575		

Aliphatic EPH 051225.M Sat May 17 01:50:40 2025

Continuing Calibration Report for SequenceID : FG051625AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FG015862.D

Aliphatic C9-C12	6919996.000	60.000	3.136	6.775	115333.267	113522.354	-1.595
Aliphatic C12-C16	4638382.000	40.000	6.776	10.226	115959.550	116725.144	0.656
Aliphatic C16-C21	7015333.000	60.000	10.227	13.601	116922.217	122199.347	4.318
Aliphatic C21-C28	8940416.000	80.000	13.602	17.272	111755.200	120144.859	6.983
Aliphatic C28-C40	12361219.000	120.000	17.273	22.179	103010.158	110433.346	6.722
Aliphatic EPH	39875346.000	360.000	3.136	22.179	110764.850	115766.384	4.320

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	16 May 2025 21:19
Client Sample ID:		Operator:	YPAJ
Data file:	FG015862.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.136	6.775	6919996.000	60.000	ug/ml
Aliphatic C12-C16	6.776	10.226	4638382.000	40.000	ug/ml
Aliphatic C16-C21	10.227	13.601	7015333.000	60.000	ug/ml
Aliphatic C21-C28	13.602	17.272	8940416.000	80.000	ug/ml
Aliphatic C28-C40	17.273	22.179	12361219.000	120.000	ug/ml
Aliphatic EPH	3.136	22.179	39875346.000	360.000	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015862.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 21:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 17 00:46:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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

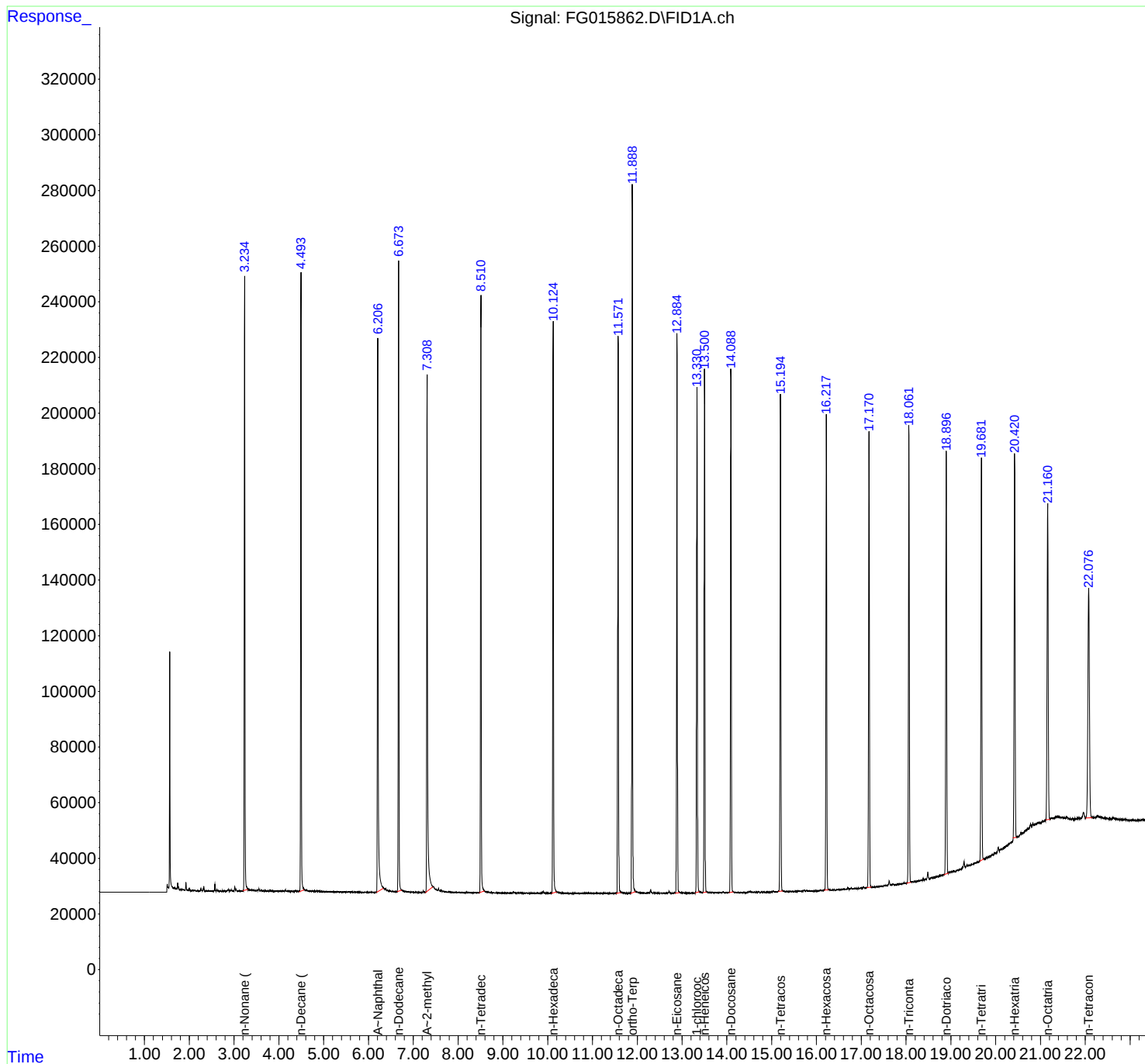
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.888	2857622	19.193 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
12) S 1-chlorooctadecane (S...	13.332	2184523	18.963 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.235	2287781	20.391 ug/ml
2) T n-Decane (C10)	4.493	2302215	20.348 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2383353	20.386 ug/ml
4) T n-Dodecane (C12)	6.674	2330000	20.220 ug/ml
5) T A~2-methylnaphthalene...	7.309	2307962	20.206 ug/ml
6) T n-Tetradecane (C14)	8.510	2303250	19.996 ug/ml
7) T n-Hexadecane (C16)	10.124	2335132	19.745 ug/ml
8) T n-Octadecane (C18)	11.572	2359962	19.414 ug/ml
10) T n-Eicosane (C20)	12.885	2337388	19.072 ug/ml
11) T n-Heneicosane (C21)	13.500	2317983	18.924 ug/ml
13) T n-Docosane (C22)	14.088	2293719	18.826 ug/ml
14) T n-Tetracosane (C24)	15.194	2267633	18.721 ug/ml
15) T n-Hexacosane (C26)	16.219	2213373	18.490 ug/ml
16) T n-Octacosane (C28)	17.171	2165691	18.367 ug/ml
17) T n-Tricontane (C30)	18.062	2167358	18.240 ug/ml
18) T n-Dotriacontane (C32)	18.896	2149553	18.198 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2063730	18.481 ug/ml
20) T n-Hexatriacontane (C36)	20.421	2016373	18.647 ug/ml
21) T n-Octatriacontane (C38)	21.160	1977145	19.034 ug/ml
22) T n-Tetracontane (C40)	22.075	1987060	19.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

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_G\Data\FG051625AL\
Data File : FG015862.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 21:19
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.235	3.192	3.311	BB	220230	2287781	80.06%	4.612%
2	4.493	4.464	4.564	BB	222541	2302215	80.56%	4.641%
3	6.207	6.179	6.335	BB	198529	2383353	83.40%	4.804%
4	6.674	6.640	6.735	BB	226165	2330000	81.54%	4.697%
5	7.309	7.277	7.433	BB	185262	2307962	80.77%	4.652%
6	8.510	8.470	8.587	BB	214354	2303250	80.60%	4.643%
7	10.124	10.082	10.202	BB	204824	2335132	81.72%	4.707%
8	11.572	11.533	11.635	BB	199477	2359962	82.58%	4.757%
9	11.888	11.846	11.965	BB	254215	2857622	100.00%	5.760%
10	12.885	12.850	12.945	BB	198997	2337388	81.79%	4.712%
11	13.332	13.293	13.387	BB	180860	2184523	76.45%	4.403%
12	13.500	13.463	13.551	BB	187789	2317983	81.12%	4.673%
13	14.088	14.049	14.141	BB	188422	2293719	80.27%	4.624%
14	15.194	15.151	15.251	BB	178452	2267633	79.35%	4.571%
15	16.219	16.171	16.270	BB	169281	2213373	77.46%	4.462%
16	17.171	17.120	17.225	BB	159070	2165691	75.79%	4.366%
17	18.062	18.010	18.110	BB	162621	2167358	75.84%	4.369%
18	18.896	18.842	18.946	BB	151572	2149553	75.22%	4.333%
19	19.681	19.640	19.735	BB	144073	2063730	72.22%	4.160%
20	20.421	20.390	20.465	BB	135537	2016373	70.56%	4.065%
21	21.160	21.120	21.220	BB	113476	1977145	69.19%	3.985%
22	22.075	22.007	22.161	BB	82376	1987060	69.54%	4.005%
Sum of corrected areas:							49608808	

Aliphatic EPH 051225.M Sat May 17 01:52:52 2025



QC SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	PB168029BL	SDG No.:	Q2021
Lab Sample ID:	PB168029BL	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
05/15/25 13:40	05/16/25 11:30	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	0.91	U	1	0.91	3.99	mg/kg	FG015845.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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	PB168029BL	SDG No.:	Q2021
Lab Sample ID:	PB168029BL	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
FG015845.D	1	05/15/25	05/16/25	PB168029

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)	41.4		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.3		40 - 140	83%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168029BL	Acq On:	16 May 2025 11:30
Client Sample ID:	PB168029BL	Operator:	YP\AJ
Data file:	FG015845.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	0	0	300	ug/ml
Aliphatic C12-C16	6.776	10.226	0	0	200	ug/ml
Aliphatic C16-C21	10.227	13.601	0	0	300	ug/ml
Aliphatic C21-C28	13.602	17.272	0	0	400	ug/ml
Aliphatic C28-C40	17.273	22.179	0	0	600	ug/ml
Aliphatic EPH	3.136	22.179	0	0		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	6153737	41.33		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	4766982	41.38		ug/ml
Aliphatic C9-C28	3.136	17.272	0	0	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015845.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 11:30
 Operator : YP\AJ
 Sample : PB168029BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168029BL

Integration File: autoint1.e
 Quant Time: May 17 00:41:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.891	6153737	41.331 ug/ml
Spiked Amount	50.000	Recovery	= 82.66%
12) S 1-chlorooctadecane (S...	13.336	4766982	41.380 ug/ml
Spiked Amount	50.000	Recovery	= 82.76%

Target Compounds

(f)=RT Delta > 1/2 Window

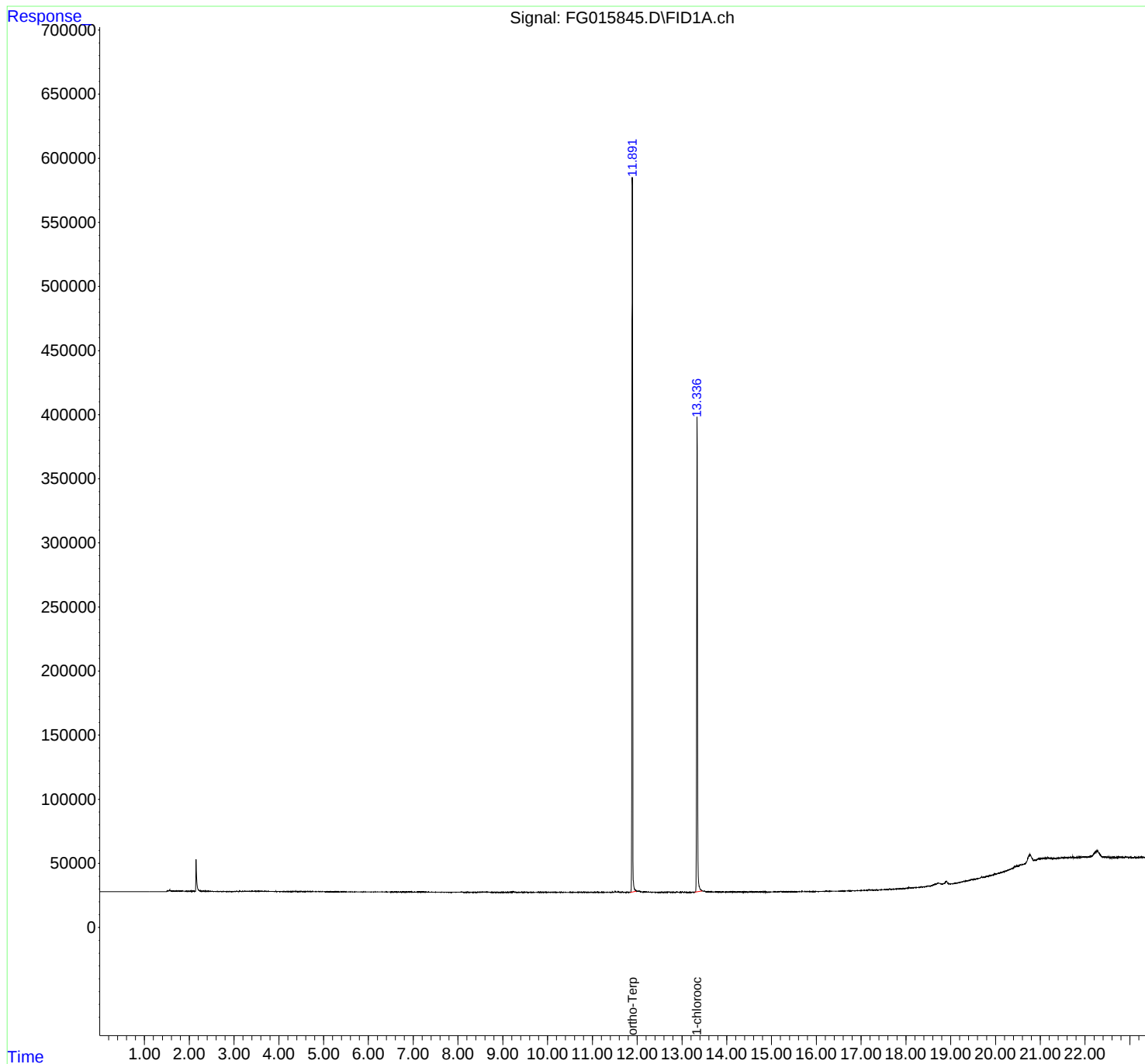
(m)=manual int.

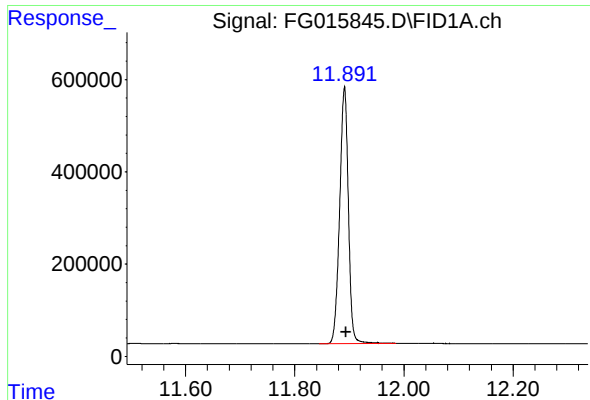
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015845.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 11:30
Operator : YP\AJ
Sample : PB168029BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168029BL

Integration File: autoint1.e
Quant Time: May 17 00:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

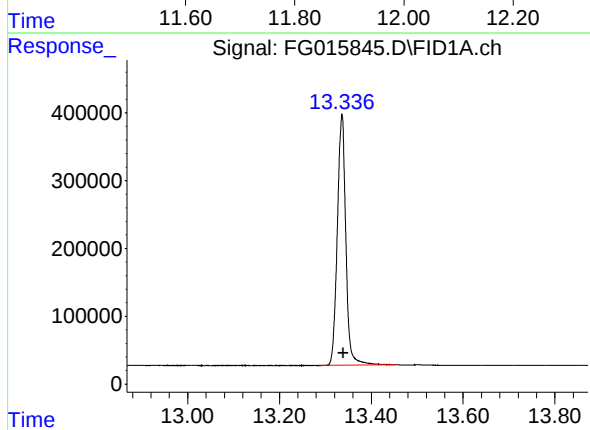




#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 6153737
Conc: 41.33 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168029BL



#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.003 min
Response: 4766982
Conc: 41.38 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015845.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 11:30
Sample : PB168029BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	11.891	11.845	11.985	BB	555931	6153737	100.00%	56.349%
2	13.336	13.286	13.454	BB	369936	4766982	77.46%	43.651%
Sum of corrected areas:							10920720	

Aliphatic EPH 051225.M Sat May 17 01:51:00 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	PB168029BS	SDG No.:	Q2021
Lab Sample ID:	PB168029BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
05/15/25 13:40	05/16/25 19:21	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	58.6		1	0.91	4.00	mg/kg	FG015859.D
Total EPH	Total EPH	58.6			0.91	4.00	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	PB168029BS	SDG No.:	Q2021
Lab Sample ID:	PB168029BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FG015859.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	58.6		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	13.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.0		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.6		40 - 140	83%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168029BS	Acq On:	16 May 2025 19:21
Client Sample ID:	PB168029BS	Operator:	YP\AJ
Data file:	FG015859.D	Misc:	
Instrument:	FID_G	ALS Vial:	37
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	18957006	166.989	300	ug/ml
Aliphatic C12-C16	6.776	10.226	23544782	201.711	200	ug/ml
Aliphatic C16-C21	10.227	13.601	27675837	226.481	300	ug/ml
Aliphatic C21-C28	13.602	17.272	34217941	284.806	400	ug/ml
Aliphatic C28-C40	17.273	22.179	22753469	206.038	600	ug/ml
Aliphatic EPH	3.136	22.179	127149035	1090		ug/ml
ortho-Terphenyl (SURR)	11.892	11.892	6187500	41.56		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	5065498	43.97		ug/ml
Aliphatic C9-C28	3.136	17.272	104395566	879.987	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015859.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 19:21
 Operator : YP\AJ
 Sample : PB168029BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168029BS

Integration File: autoint1.e
 Quant Time: May 17 00:45:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.892	6187500	41.558 ug/ml
Spiked Amount 50.000		Recovery =	83.12%
12) S 1-chlorooctadecane (S...	13.335	5065498	43.971 ug/ml
Spiked Amount 50.000		Recovery =	87.94%
Target Compounds			
1) T n-Nonane (C9)	3.248	3413359	30.423 ug/ml
2) T n-Decane (C10)	4.501	3657261	32.325 ug/ml
3) T A~Naphthalene (C11.7)	6.210	4021851	34.401 ug/ml
4) T n-Dodecane (C12)	6.676	3822417	33.172 ug/ml
5) T A~2-methylnaphthalene...	7.311	3651659	31.970 ug/ml
6) T n-Tetradecane (C14)	8.512	3823472	33.195 ug/ml
7) T n-Hexadecane (C16)	10.125	3905369	33.022 ug/ml
8) T n-Octadecane (C18)	11.574	3921120	32.257 ug/ml
10) T n-Eicosane (C20)	12.889	4085300	33.335 ug/ml
11) T n-Heneicosane (C21)	13.503	3918285	31.989 ug/ml
13) T n-Docosane (C22)	14.090	3883184	31.872 ug/ml
14) T n-Tetracosane (C24)	15.189	7937069	65.528 ug/ml
15) T n-Hexacosane (C26)	16.222	3824186	31.946 ug/ml
16) T n-Octacosane (C28)	17.174	3884532	32.945 ug/ml
17) T n-Tricontane (C30)	18.065	3748757	31.548 ug/ml
18) T n-Dotriacontane (C32)	18.897	3430682	29.045 ug/ml
19) T n-Tetratriacontane (C34)	19.682	2398196	21.476 ug/ml
20) T n-Hexatriacontane (C36)	20.423	1269749	11.742 ug/ml
21) T n-Octatriacontane (C38)	21.161	680786	6.554 ug/ml
22) T n-Tetracontane (C40)	22.078	424336	4.161 ug/ml

(f)=RT Delta > 1/2 Window

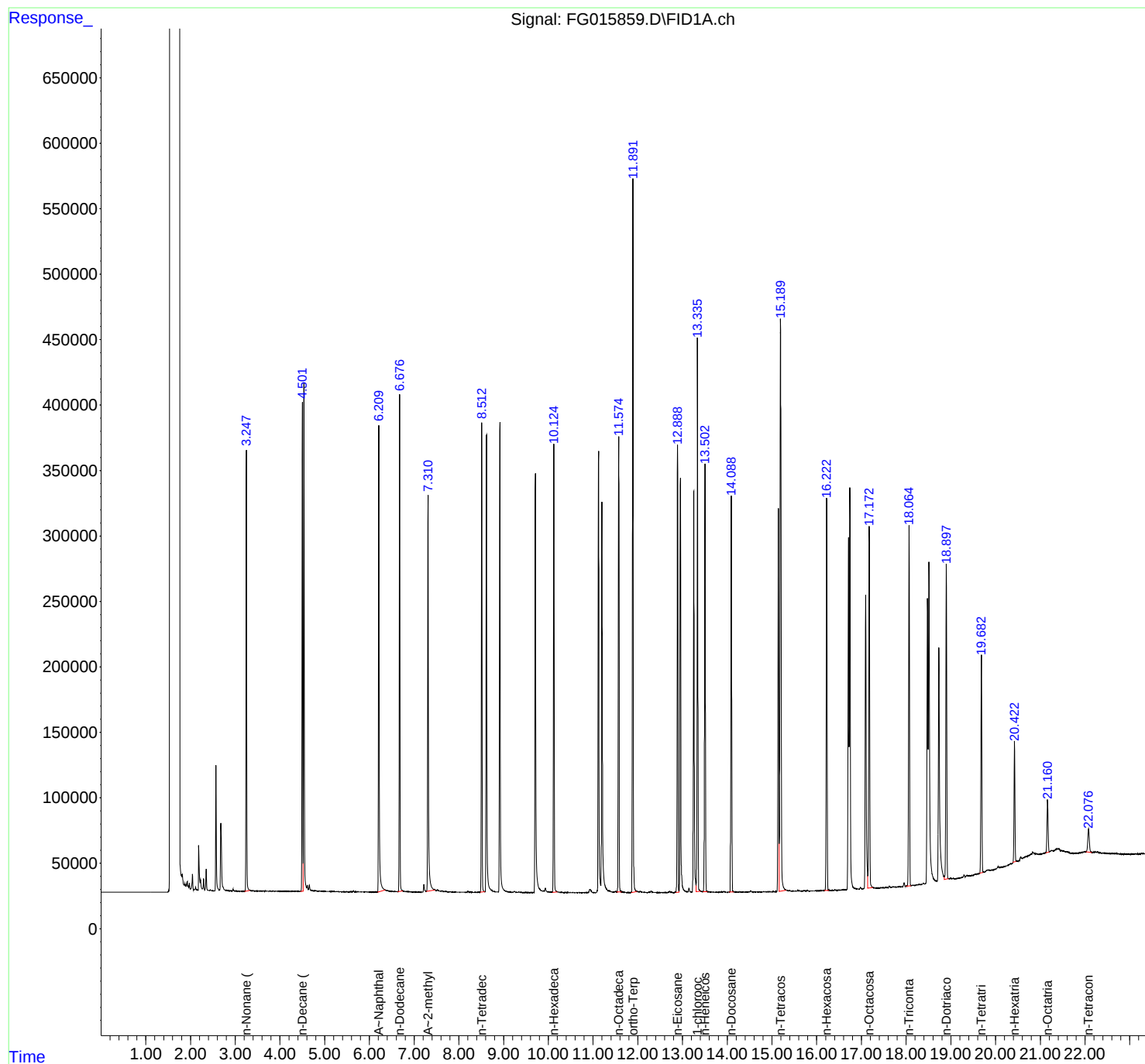
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015859.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 19:21
Operator : YP\AJ
Sample : PB168029BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168029BS

Integration File: autoint1.e
Quant Time: May 17 00:45:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015859.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 19:21
 Sample : PB168029BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.248	3.207	3.327	BB	336714	3413359	43.01%	2.466%
2	4.501	4.457	4.518	BV	374057	3657261	46.08%	2.642%
3	4.536	4.518	4.595	VV	387526	4042118	50.93%	2.921%
4	6.210	6.179	6.351	BB	356012	4021851	50.67%	2.906%
5	6.676	6.631	6.749	BB	379629	3822417	48.16%	2.762%
6	7.311	7.266	7.466	BB	302200	3651659	46.01%	2.638%
7	8.512	8.477	8.581	BB	358616	3823472	48.17%	2.763%
8	8.617	8.584	8.752	BB	349382	4030935	50.79%	2.912%
9	8.917	8.886	9.040	BB	355997	4068625	51.26%	2.940%
10	9.711	9.678	9.855	BB	318591	4064722	51.21%	2.937%
11	10.125	10.090	10.199	BB	342061	3905369	49.20%	2.822%
12	11.123	11.068	11.174	BV	337584	3917440	49.36%	2.830%
13	11.199	11.174	11.351	VB	297633	4054592	51.08%	2.930%
14	11.574	11.526	11.641	BB	346913	3921120	49.40%	2.833%
15	11.892	11.851	11.983	BB	544284	6187500	77.96%	4.471%
16	12.889	12.852	12.922	BV	341591	4085300	51.47%	2.952%
17	12.952	12.922	13.064	VB	311534	3920917	49.40%	2.833%
18	13.252	13.213	13.301	BV	306510	3858183	48.61%	2.788%
19	13.335	13.301	13.405	VB	422513	5065498	63.82%	3.660%
20	13.503	13.454	13.556	BB	322668	3918285	49.37%	2.831%
21	14.090	14.040	14.148	BB	298860	3883184	48.92%	2.806%
22	15.142	15.105	15.162	BV	292072	3610107	45.48%	2.608%
23	15.189	15.162	15.318	VB	436294	7937069	100.00%	5.735%
24	16.222	16.170	16.275	BB	299934	3824186	48.18%	2.763%
25	16.710	16.660	16.725	BV	268618	3568841	44.96%	2.579%
26	16.742	16.725	16.847	VB	305532	3983741	50.19%	2.878%
27	17.093	17.040	17.142	BV	224414	3526281	44.43%	2.548%
28	17.174	17.142	17.259	VB	273721	3884532	48.94%	2.807%
29	18.065	18.000	18.107	BB	273174	3748757	47.23%	2.709%
30	18.476	18.422	18.491	BV	216711	3127634	39.41%	2.260%
31	18.510	18.491	18.666	VB	244380	4278027	53.90%	3.091%
32	18.731	18.675	18.854	BV	177666	3395302	42.78%	2.453%
33	18.897	18.854	18.947	VB	238897	3430682	43.22%	2.479%
34	19.682	19.640	19.720	BB	166167	2398196	30.22%	1.733%
35	20.423	20.390	20.462	BB	92353	1269749	16.00%	0.917%
36	21.161	21.120	21.200	BV	40350	680786	8.58%	0.492%

37 22.078 22.015 22.157 BB rteres 17772 424336 5.35% 0.307%
Sum of corrected areas: 138402030

Aliphatic EPH 051225.M Sat May 17 01:51:47 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	PB168029BSD	SDG No.:	Q2021
Lab Sample ID:	PB168029BSD	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
05/15/25 13:40	05/16/25 19:50	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	56.2		1	0.91	3.99	mg/kg	FG015860.D
Total EPH	Total EPH	56.2			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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	PB168029BSD	SDG No.:	Q2021
Lab Sample ID:	PB168029BSD	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
FG015860.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	56.2		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	13.1		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.1		40 - 140	80%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168029BSD	Acq On:	16 May 2025 19:50
Client Sample ID:	PB168029BSD	Operator:	YP\AJ
Data file:	FG015860.D	Misc:	
Instrument:	FID_G	ALS Vial:	38
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	18219810	160.495	300	ug/ml
Aliphatic C12-C16	6.776	10.226	22472785	192.527	200	ug/ml
Aliphatic C16-C21	10.227	13.601	26532918	217.128	300	ug/ml
Aliphatic C21-C28	13.602	17.272	32843483	273.366	400	ug/ml
Aliphatic C28-C40	17.273	22.179	21650632	196.052	600	ug/ml
Aliphatic EPH	3.136	22.179	121719628	1040		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	5977611	40.15		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4894076	42.48		ug/ml
Aliphatic C9-C28	3.136	17.272	100068996	843.516	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015860.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 19:50
 Operator : YP\AJ
 Sample : PB168029BSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168029BSD

Integration File: autoint1.e
 Quant Time: May 17 00:45:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.891	5977611	40.148 ug/ml
Spiked Amount 50.000		Recovery =	80.30%
12) S 1-chlorooctadecane (S...	13.335	4894076	42.483 ug/ml
Spiked Amount 50.000		Recovery =	84.97%
Target Compounds			
1) T n-Nonane (C9)	3.248	3325586	29.641 ug/ml
2) T n-Decane (C10)	4.501	3520964	31.120 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3829061	32.752 ug/ml
4) T n-Dodecane (C12)	6.676	3669202	31.842 ug/ml
5) T A~2-methylnaphthalene...	7.311	3462123	30.311 ug/ml
6) T n-Tetradecane (C14)	8.512	3668357	31.848 ug/ml
7) T n-Hexadecane (C16)	10.125	3743125	31.650 ug/ml
8) T n-Octadecane (C18)	11.574	3766069	30.982 ug/ml
10) T n-Eicosane (C20)	12.888	3931797	32.082 ug/ml
11) T n-Heneicosane (C21)	13.502	3768013	30.763 ug/ml
13) T n-Docosane (C22)	14.090	3739381	30.692 ug/ml
14) T n-Tetracosane (C24)	15.188	7640681	63.081 ug/ml
15) T n-Hexacosane (C26)	16.222	3686957	30.800 ug/ml
16) T n-Octacosane (C28)	17.174	3751913	31.820 ug/ml
17) T n-Tricontane (C30)	18.065	3614738	30.420 ug/ml
18) T n-Dotriacontane (C32)	18.898	3296111	27.905 ug/ml
19) T n-Tetratriacontane (C34)	19.682	2260730	20.245 ug/ml
20) T n-Hexatriacontane (C36)	20.422	1156631	10.696 ug/ml
21) T n-Octatriacontane (C38)	21.160	603865	5.813 ug/ml
22) T n-Tetracontane (C40)	22.082	384408	3.770 ug/ml

(f)=RT Delta > 1/2 Window

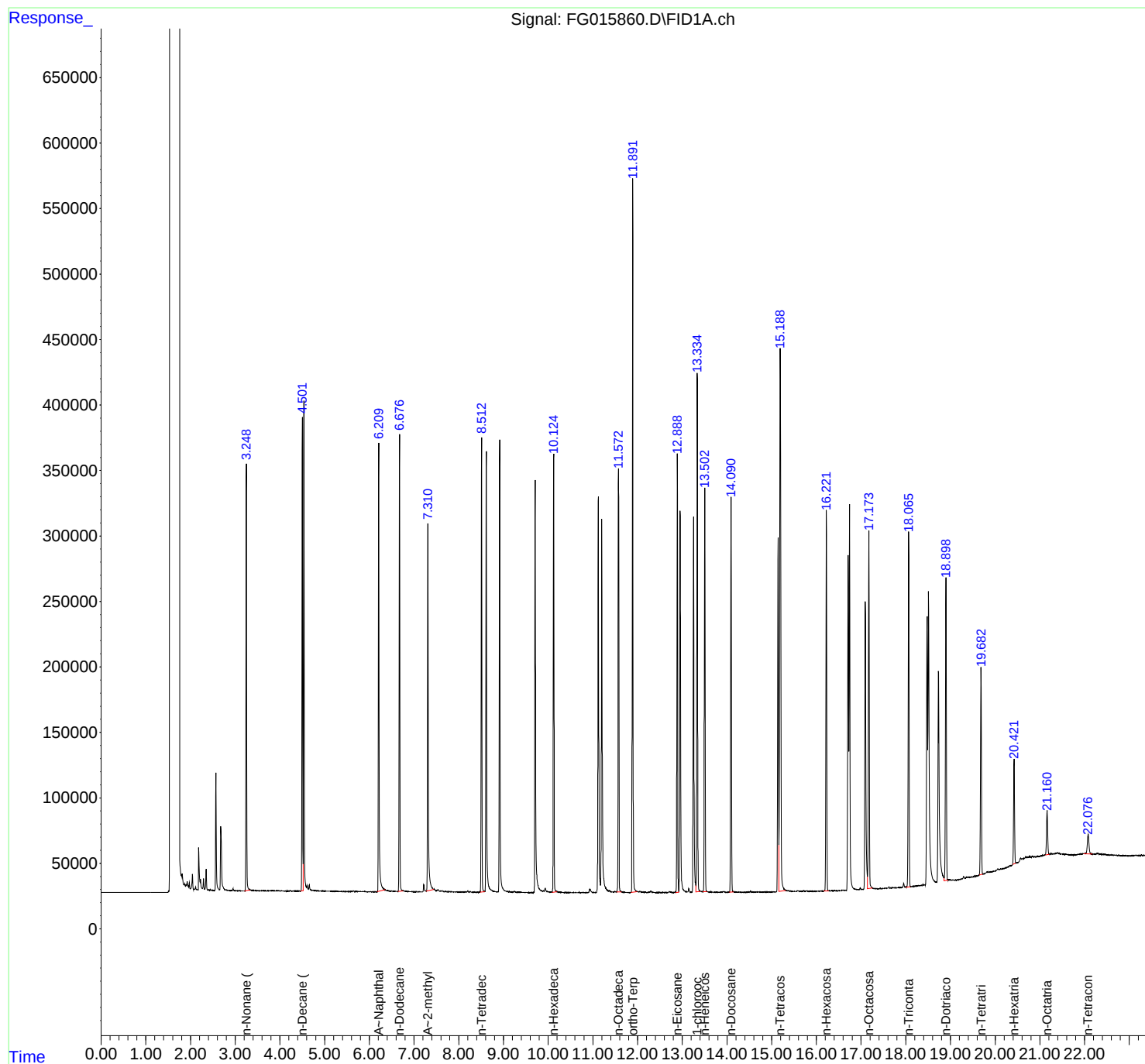
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015860.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 19:50
Operator : YP\AJ
Sample : PB168029BSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
PB168029BSD

Integration File: autoint1.e
Quant Time: May 17 00:45:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015860.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 19:50
 Sample : PB168029BSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.248	3.207	3.333	BB	325569	3325586	43.52%	2.508%
2	4.501	4.460	4.519	BV	361391	3520964	46.08%	2.656%
3	4.536	4.519	4.598	VV	373998	3874997	50.72%	2.923%
4	6.210	6.173	6.349	BB	341818	3829061	50.11%	2.888%
5	6.676	6.637	6.753	BB	348740	3669202	48.02%	2.767%
6	7.311	7.268	7.445	BB	280174	3462123	45.31%	2.611%
7	8.512	8.476	8.584	BB	347283	3668357	48.01%	2.767%
8	8.617	8.587	8.742	BB	335493	3835286	50.20%	2.893%
9	8.917	8.875	9.038	BB	343731	3883846	50.83%	2.929%
10	9.711	9.679	9.853	BB	314277	3880048	50.78%	2.926%
11	10.125	10.089	10.198	BB	331892	3743125	48.99%	2.823%
12	11.123	11.074	11.173	BV	302498	3731640	48.84%	2.814%
13	11.199	11.173	11.357	VB	284404	3888140	50.89%	2.932%
14	11.574	11.528	11.639	BB	320974	3766069	49.29%	2.840%
15	11.891	11.853	11.988	BB	543622	5977611	78.23%	4.508%
16	12.888	12.850	12.922	BV	335060	3931797	51.46%	2.965%
17	12.952	12.922	13.064	VB	289742	3755262	49.15%	2.832%
18	13.251	13.216	13.302	BV	284426	3691997	48.32%	2.784%
19	13.335	13.302	13.404	VB	392442	4894076	64.05%	3.691%
20	13.502	13.453	13.553	BB	308139	3768013	49.32%	2.842%
21	14.090	14.050	14.148	BB	301432	3739381	48.94%	2.820%
22	15.142	15.107	15.162	BV	269492	3434655	44.95%	2.590%
23	15.188	15.162	15.318	VB	414152	7640681	100.00%	5.763%
24	16.222	16.166	16.274	BB	290058	3686957	48.25%	2.781%
25	16.709	16.653	16.725	BV	254414	3445227	45.09%	2.598%
26	16.741	16.725	16.848	VB	293809	3786977	49.56%	2.856%
27	17.094	17.043	17.142	BV	217910	3357692	43.94%	2.532%
28	17.174	17.142	17.258	VB	272180	3751913	49.10%	2.830%
29	18.065	18.001	18.105	BB	270768	3614738	47.31%	2.726%
30	18.475	18.425	18.490	BV	204309	2935876	38.42%	2.214%
31	18.508	18.490	18.672	VB	220609	4151458	54.33%	3.131%
32	18.731	18.673	18.857	BV	160401	3246815	42.49%	2.449%
33	18.898	18.857	18.948	VB	230598	3296111	43.14%	2.486%
34	19.682	19.640	19.718	BB	157978	2260730	29.59%	1.705%
35	20.422	20.390	20.459	BB	80050	1156631	15.14%	0.872%
36	21.160	21.120	21.213	BB	33799	603865	7.90%	0.455%

37 22.082 21.975 22.177 BB 14295 384408 5.03% 0.290%
Sum of corrected areas: 132591315

Aliphatic EPH 051225.M Sat May 17 01:52:14 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	5MS	SDG No.:	Q2021
Lab Sample ID:	Q2003-07MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 13:40	05/16/25 15:25	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	87.8		1	1.04	4.60	mg/kg	FG015851.D
Total EPH	Total EPH	87.8			1.04	4.60	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	5MS	SDG No.:	Q2021
Lab Sample ID:	Q2003-07MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015851.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	87.8		1.04	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	44.0		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.6		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.3		40 - 140	77%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-07MS	Acq On:	16 May 2025 15:25
Client Sample ID:	5MS	Operator:	YP\AJ
Data file:	FG015851.D	Misc:	
Instrument:	FID_G	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	25089174	221.006	300	ug/ml
Aliphatic C12-C16	6.776	10.226	27799529	238.162	200	ug/ml
Aliphatic C16-C21	10.227	13.601	39503870	323.274	300	ug/ml
Aliphatic C21-C28	13.602	17.272	43816697	364.699	400	ug/ml
Aliphatic C28-C40	17.273	22.179	63493095	574.945	600	ug/ml
Aliphatic EPH	3.136	22.179	199702365	1720		ug/ml
ortho-Terphenyl (SURR)	11.892	11.892	5704687	38.32		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	4566965	39.64		ug/ml
Aliphatic C9-C28	3.136	17.272	136209270	1150	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015851.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 15:25
 Operator : YP\AJ
 Sample : Q2003-07MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 SMS

Integration File: autoint1.e
 Quant Time: May 17 00:43:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.892	5704687	38.315 ug/ml
Spiked Amount 50.000		Recovery =	76.63%
12) S 1-chlorooctadecane (S...	13.336	4566965	39.644 ug/ml
Spiked Amount 50.000		Recovery =	79.29%
Target Compounds			
1) T n-Nonane (C9)	3.248	5575950	49.698 ug/ml
2) T n-Decane (C10)	4.502	5740003	50.733 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3424684	29.293 ug/ml
4) T n-Dodecane (C12)	6.679	5954078	51.671 ug/ml
5) T A~2-methylnaphthalene...	7.312	3112753	27.252 ug/ml
6) T n-Tetradecane (C14)	8.514	5962063	51.762 ug/ml
7) T n-Hexadecane (C16)	10.127	6104265	51.614 ug/ml
8) T n-Octadecane (C18)	11.577	6129544	50.425 ug/ml
10) T n-Eicosane (C20)	12.891	6306760	51.461 ug/ml
11) T n-Heneicosane (C21)	13.505	6031478	49.242 ug/ml
13) T n-Docosane (C22)	14.093	6016241	49.380 ug/ml
14) T n-Tetracosane (C24)	15.198	9632023	79.521 ug/ml
15) T n-Hexacosane (C26)	16.225	5878751	49.109 ug/ml
16) T n-Octacosane (C28)	17.177	5895905	50.003 ug/ml
17) T n-Tricontane (C30)	18.068	5852237	49.250 ug/ml
18) T n-Dotriacontane (C32)	18.902	6083969	51.508 ug/ml
19) T n-Tetratriacontane (C34)	19.686	5591462	50.073 ug/ml
20) T n-Hexatriacontane (C36)	20.427	5305315	49.062 ug/ml
21) T n-Octatriacontane (C38)	21.166	5228855	50.337 ug/ml
22) T n-Tetracontane (C40)	22.083	4991546	48.948 ug/ml

(f)=RT Delta > 1/2 Window

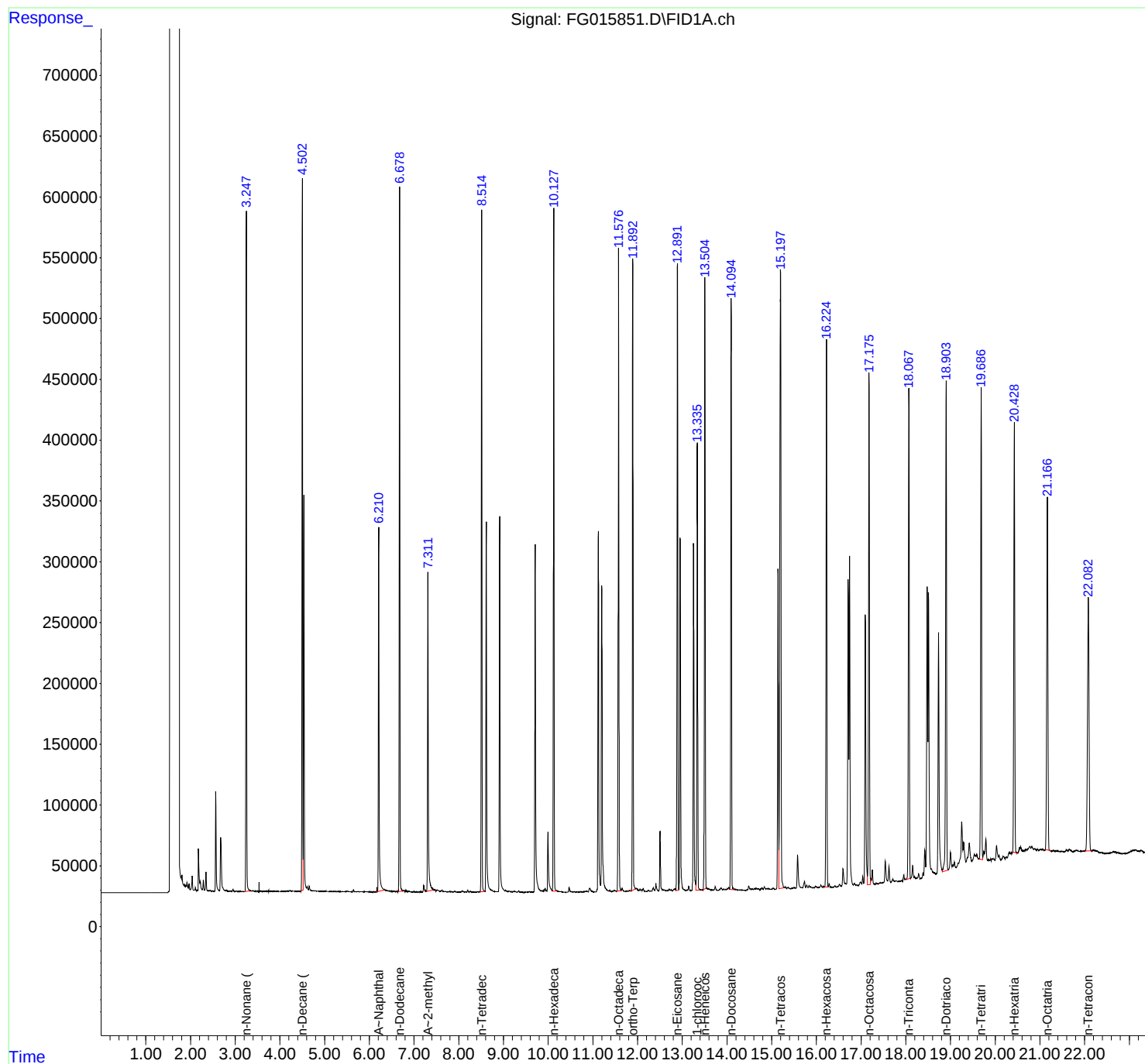
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015851.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 15:25
Operator : YP\AJ
Sample : Q2003-07MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5MS

Integration File: autoint1.e
Quant Time: May 17 00:43:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 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_G\Data\FG051625AL\
 Data File : FG015851.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 15:25
 Sample : Q2003-07MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.248	3.222	3.376	BV	560950	5595169	57.74%	2.719%
2	3.389	3.376	3.410	VV	520	7997	0.08%	0.004%
3	3.417	3.410	3.441	VV	305	3671	0.04%	0.002%
4	3.457	3.441	3.474	VV	235	3858	0.04%	0.002%
5	3.488	3.474	3.515	VV	275	3902	0.04%	0.002%
6	3.532	3.515	3.569	PV	2935	9234	0.10%	0.004%
7	3.579	3.569	3.602	VV	333	3861	0.04%	0.002%
8	3.617	3.602	3.633	VV	354	3901	0.04%	0.002%
9	3.644	3.633	3.669	VV	192	3164	0.03%	0.002%
10	3.693	3.669	3.739	VV	293	8265	0.09%	0.004%
11	3.751	3.739	3.807	VV	203	6162	0.06%	0.003%
12	3.838	3.807	3.852	VV	283	5156	0.05%	0.003%
13	3.857	3.852	3.865	VV	214	1723	0.02%	0.001%
14	3.873	3.865	3.897	VV	244	3472	0.04%	0.002%
15	3.934	3.897	3.984	VV	458	10879	0.11%	0.005%
16	3.995	3.984	4.003	VV	164	1549	0.02%	0.001%
17	4.039	4.003	4.061	VV	323	7551	0.08%	0.004%
18	4.069	4.061	4.123	VV	369	10054	0.10%	0.005%
19	4.153	4.123	4.179	VV	502	12823	0.13%	0.006%
20	4.187	4.179	4.198	VV	448	4840	0.05%	0.002%
21	4.229	4.198	4.347	VV	823	40505	0.42%	0.020%
22	4.357	4.347	4.428	VV	322	13410	0.14%	0.007%
23	4.438	4.428	4.463	VV	322	5874	0.06%	0.003%
24	4.502	4.463	4.520	VV	584490	5770439	59.55%	2.804%
25	4.536	4.520	4.596	VV	325607	3481911	35.93%	1.692%
26	4.610	4.596	4.637	VV	4218	70691	0.73%	0.034%
27	4.656	4.637	4.725	VV	4699	98024	1.01%	0.048%
28	4.736	4.725	4.768	VV	878	19226	0.20%	0.009%
29	4.784	4.768	4.798	VV	807	12704	0.13%	0.006%
30	4.807	4.798	4.829	VV	704	10582	0.11%	0.005%
31	4.860	4.829	4.885	VV	521	15171	0.16%	0.007%
32	4.918	4.885	4.992	VV	418	23903	0.25%	0.012%
33	5.007	4.992	5.077	VV	568	17662	0.18%	0.009%
34	5.087	5.077	5.142	VV	277	8161	0.08%	0.004%
35	5.165	5.142	5.189	VV	291	6660	0.07%	0.003%
36	5.212	5.189	5.249	VV	302	8355	0.09%	0.004%

					rteres			
37	5.257	5.249	5.271	VV	262	2804	0.03%	0.001%
38	5.298	5.271	5.315	VV	271	6148	0.06%	0.003%
39	5.321	5.315	5.335	VV	226	2552	0.03%	0.001%
40	5.347	5.335	5.388	VV	241	6093	0.06%	0.003%
41	5.393	5.388	5.411	VV	214	2301	0.02%	0.001%
42	5.427	5.411	5.437	VV	159	2344	0.02%	0.001%
43	5.464	5.437	5.484	VV	325	6575	0.07%	0.003%
44	5.503	5.484	5.622	VV	749	18863	0.19%	0.009%
45	5.643	5.622	5.699	VV	1656	22882	0.24%	0.011%
46	5.731	5.699	5.785	VV	306	8871	0.09%	0.004%
47	5.799	5.785	5.830	VV	249	5335	0.06%	0.003%
48	5.838	5.830	5.855	VV	226	2371	0.02%	0.001%
49	5.864	5.855	5.873	VV	131	1335	0.01%	0.001%
50	5.894	5.873	6.013	VV	302	13369	0.14%	0.006%
51	6.024	6.013	6.035	VV	91	896	0.01%	0.000%
52	6.046	6.035	6.065	VV	95	1220	0.01%	0.001%
53	6.070	6.065	6.126	VV	75	1577	0.02%	0.001%
54	6.138	6.126	6.147	PV	57	415	0.00%	0.000%
55	6.211	6.147	6.369	VV	297859	3538811	36.52%	1.720%
56	6.387	6.369	6.527	VV	1380	75712	0.78%	0.037%
57	6.549	6.527	6.623	VV	756	29106	0.30%	0.014%
58	6.632	6.623	6.640	VV	329	3397	0.04%	0.002%
59	6.678	6.640	6.812	VV	578906	6025688	62.18%	2.928%
60	6.828	6.812	6.972	VV	901	38339	0.40%	0.019%
61	6.985	6.972	7.029	VV	266	6476	0.07%	0.003%
62	7.037	7.029	7.099	VV	180	5134	0.05%	0.002%
63	7.109	7.099	7.152	VV	228	3233	0.03%	0.002%
64	7.161	7.152	7.184	VV	185	1156	0.01%	0.001%
65	7.219	7.184	7.278	PV	5657	94569	0.98%	0.046%
66	7.312	7.278	7.442	VV	262368	3231485	33.35%	1.570%
67	7.455	7.442	7.494	VV	2105	50938	0.53%	0.025%
68	7.520	7.494	7.577	VV	1669	59987	0.62%	0.029%
69	7.594	7.577	7.608	VV	868	14994	0.15%	0.007%
70	7.627	7.608	7.671	VV	1779	31992	0.33%	0.016%
71	7.681	7.671	7.695	VV	455	6218	0.06%	0.003%
72	7.703	7.695	7.778	VV	469	17350	0.18%	0.008%
73	7.802	7.778	7.823	VV	491	9481	0.10%	0.005%
74	7.837	7.823	7.887	VV	289	7945	0.08%	0.004%
75	7.910	7.887	8.017	VV	984	20360	0.21%	0.010%
76	8.082	8.017	8.137	VV	1164	23475	0.24%	0.011%
77	8.154	8.137	8.178	VV	220	3753	0.04%	0.002%
78	8.202	8.178	8.233	VV	1826	22404	0.23%	0.011%
79	8.259	8.233	8.315	VV	1058	15288	0.16%	0.007%
80	8.332	8.315	8.347	PV	150	1425	0.01%	0.001%
81	8.364	8.347	8.385	VV	207	2526	0.03%	0.001%
82	8.415	8.385	8.432	VV	418	6690	0.07%	0.003%
83	8.437	8.432	8.452	VV	339	3136	0.03%	0.002%
84	8.514	8.452	8.588	VV	561575	6003786	61.96%	2.918%
85	8.617	8.588	8.832	VV	304607	3610037	37.25%	1.754%
86	8.841	8.832	8.856	VV	548	7003	0.07%	0.003%
87	8.917	8.856	9.037	VV	309721	3586232	37.01%	1.743%
88	9.049	9.037	9.116	VV	1384	41146	0.42%	0.020%
89	9.134	9.116	9.194	VV	922	27182	0.28%	0.013%

					rteres			
90	9.244	9.194	9.320	VV	835	33419	0.34%	0.016%
91	9.342	9.320	9.370	VV	1351	17195	0.18%	0.008%
92	9.385	9.370	9.449	VV	237	4523	0.05%	0.002%
93	9.495	9.449	9.512	PV	172	2557	0.03%	0.001%
94	9.532	9.512	9.552	VV	222	3067	0.03%	0.001%
95	9.574	9.552	9.611	VV	476	9898	0.10%	0.005%
96	9.641	9.611	9.656	VV	225	3757	0.04%	0.002%
97	9.711	9.656	9.845	PV	286383	3621770	37.38%	1.760%
98	9.862	9.845	9.888	VV	1317	27660	0.29%	0.013%
99	9.902	9.888	9.915	VV	2086	24470	0.25%	0.012%
100	9.933	9.915	9.971	VV	3320	63589	0.66%	0.031%
101	9.997	9.971	10.095	VV	49406	830715	8.57%	0.404%
102	10.127	10.095	10.398	VV	561620	6203169	64.02%	3.015%
103	10.414	10.398	10.439	PV	34	743	0.01%	0.000%
104	10.470	10.439	10.532	VV	3987	63084	0.65%	0.031%
105	10.570	10.532	10.630	VV	403	13460	0.14%	0.007%
106	10.646	10.630	10.700	VV	219	4715	0.05%	0.002%
107	10.744	10.700	10.766	PV	303	6531	0.07%	0.003%
108	10.827	10.766	10.846	VV	734	15848	0.16%	0.008%
109	10.867	10.846	10.898	VV	895	15465	0.16%	0.008%
110	10.933	10.898	11.046	VV	3222	87086	0.90%	0.042%
111	11.059	11.046	11.067	VV	115	992	0.01%	0.000%
112	11.123	11.067	11.172	VV	297835	3517940	36.30%	1.710%
113	11.199	11.172	11.357	VV	249061	3600811	37.16%	1.750%
114	11.375	11.357	11.418	VV	1651	28300	0.29%	0.014%
115	11.470	11.418	11.491	VV	1013	28335	0.29%	0.014%
116	11.502	11.491	11.530	VV	803	15279	0.16%	0.007%
117	11.576	11.530	11.634	VV	526285	6174227	63.72%	3.000%
118	11.655	11.634	11.718	VV	3160	65490	0.68%	0.032%
119	11.732	11.718	11.747	VV	427	5596	0.06%	0.003%
120	11.769	11.747	11.795	VV	833	13180	0.14%	0.006%
121	11.817	11.795	11.833	VV	1200	15821	0.16%	0.008%
122	11.892	11.833	11.960	VV	517408	5800223	59.86%	2.819%
123	11.976	11.960	12.034	VV	2825	79210	0.82%	0.038%
124	12.054	12.034	12.074	VV	2280	35010	0.36%	0.017%
125	12.092	12.074	12.107	VV	1598	25648	0.26%	0.012%
126	12.125	12.107	12.175	VV	2525	42088	0.43%	0.020%
127	12.184	12.175	12.204	VV	130	1428	0.01%	0.001%
128	12.243	12.204	12.263	PV	1137	18731	0.19%	0.009%
129	12.277	12.263	12.288	VV	489	6591	0.07%	0.003%
130	12.298	12.288	12.314	VV	459	5426	0.06%	0.003%
131	12.352	12.314	12.387	VV	2939	64166	0.66%	0.031%
132	12.410	12.387	12.468	VV	6646	116471	1.20%	0.057%
133	12.504	12.468	12.577	VV	49835	661150	6.82%	0.321%
134	12.591	12.577	12.650	VV	1230	35101	0.36%	0.017%
135	12.709	12.650	12.725	VV	1966	42942	0.44%	0.021%
136	12.736	12.725	12.778	VV	1131	25147	0.26%	0.012%
137	12.809	12.778	12.819	VV	1547	23358	0.24%	0.011%
138	12.835	12.819	12.853	VV	2291	33164	0.34%	0.016%
139	12.891	12.853	12.922	VV	517074	6331129	65.34%	3.077%
140	12.952	12.922	13.079	VV	289440	3731048	38.50%	1.813%
141	13.099	13.079	13.118	VV	958	17283	0.18%	0.008%

					rteres			
142	13.143	13.118	13.192	VV	3844	66311	0.68%	0.032%
143	13.251	13.192	13.300	VV	284957	3625191	37.41%	1.762%
144	13.335	13.300	13.422	VV	365855	4621863	47.70%	2.246%
145	13.441	13.422	13.465	VV	989	21561	0.22%	0.010%
146	13.504	13.465	13.537	VV	503170	6096965	62.92%	2.963%
147	13.546	13.537	13.661	VV	2647	103985	1.07%	0.051%
148	13.679	13.661	13.693	VV	642	11528	0.12%	0.006%
149	13.735	13.693	13.790	VV	3412	74316	0.77%	0.036%
150	13.866	13.790	13.902	VV	2091	71102	0.73%	0.035%
151	13.928	13.902	13.952	VV	1332	28015	0.29%	0.014%
152	13.969	13.952	13.986	VV	1010	17722	0.18%	0.009%
153	14.008	13.986	14.020	VV	1634	26221	0.27%	0.013%
154	14.040	14.020	14.056	VV	2689	41790	0.43%	0.020%
155	14.093	14.056	14.160	VV	482590	6069796	62.64%	2.950%
156	14.177	14.160	14.254	VV	1246	40479	0.42%	0.020%
157	14.274	14.254	14.315	VV	604	15709	0.16%	0.008%
158	14.331	14.315	14.372	VV	396	10260	0.11%	0.005%
159	14.379	14.372	14.405	VV	179	2651	0.03%	0.001%
160	14.415	14.405	14.424	VV	96	794	0.01%	0.000%
161	14.486	14.424	14.512	PV	3451	67322	0.69%	0.033%
162	14.526	14.512	14.545	VV	1378	21135	0.22%	0.010%
163	14.565	14.545	14.580	VV	1004	17449	0.18%	0.008%
164	14.592	14.580	14.605	VV	877	12140	0.13%	0.006%
165	14.621	14.605	14.632	VV	1263	17309	0.18%	0.008%
166	14.652	14.632	14.672	VV	1680	29602	0.31%	0.014%
167	14.689	14.672	14.739	VV	1202	31996	0.33%	0.016%
168	14.782	14.739	14.809	VV	1662	39445	0.41%	0.019%
169	14.835	14.809	14.872	VV	2382	48906	0.50%	0.024%
170	14.891	14.872	14.909	VV	1029	18248	0.19%	0.009%
171	14.928	14.909	14.975	VV	1142	25187	0.26%	0.012%
172	14.996	14.975	15.009	VV	520	7001	0.07%	0.003%
173	15.037	15.009	15.082	VV	1031	26517	0.27%	0.013%
174	15.141	15.082	15.161	PV	264435	3321825	34.28%	1.614%
175	15.197	15.161	15.285	VV	510850	9690125	100.00%	4.709%
176	15.305	15.285	15.338	VV	1763	40029	0.41%	0.019%
177	15.364	15.338	15.418	VV	988	35317	0.36%	0.017%
178	15.457	15.418	15.473	VV	650	14296	0.15%	0.007%
179	15.505	15.473	15.544	VV	960	29262	0.30%	0.014%
180	15.578	15.544	15.688	VV	27548	525455	5.42%	0.255%
181	15.732	15.688	15.757	VV	5833	117324	1.21%	0.057%
182	15.781	15.757	15.811	VV	2638	49503	0.51%	0.024%
183	15.835	15.811	15.858	VV	2114	37912	0.39%	0.018%
184	15.870	15.858	15.917	VV	1106	23680	0.24%	0.012%
185	15.938	15.917	15.947	VV	347	5352	0.06%	0.003%
186	15.990	15.947	16.045	VV	1305	42999	0.44%	0.021%
187	16.100	16.045	16.138	VV	2139	53339	0.55%	0.026%
188	16.159	16.138	16.178	VV	878	17025	0.18%	0.008%
189	16.225	16.178	16.263	VV	447590	5910117	60.99%	2.872%
190	16.284	16.263	16.372	VV	3232	52579	0.54%	0.026%
191	16.412	16.372	16.448	PV	1083	22706	0.23%	0.011%
192	16.475	16.448	16.487	VV	624	8795	0.09%	0.004%
193	16.516	16.487	16.546	VV	2167	44542	0.46%	0.022%
194	16.595	16.546	16.635	VV	14859	285760	2.95%	0.139%

					rteres			
195	16.650	16.635	16.672	VV	2645	50394	0.52%	0.024%
196	16.710	16.672	16.725	VV	252504	3413596	35.23%	1.659%
197	16.741	16.725	16.825	VV	267306	3599166	37.14%	1.749%
198	16.850	16.825	16.942	VV	2038	56362	0.58%	0.027%
199	16.992	16.942	17.012	PV	2669	64680	0.67%	0.031%
200	17.036	17.012	17.058	VV	7218	100732	1.04%	0.049%
201	17.094	17.058	17.140	VV	220926	3300903	34.06%	1.604%
202	17.177	17.140	17.230	VV	417789	5958409	61.49%	2.896%
203	17.250	17.230	17.312	VV	12124	171873	1.77%	0.084%
204	17.319	17.312	17.324	VV	181	964	0.01%	0.000%
205	17.352	17.324	17.387	PV	455	9152	0.09%	0.004%
206	17.427	17.387	17.449	PV	863	15656	0.16%	0.008%
207	17.540	17.449	17.594	VV	17862	363154	3.75%	0.176%
208	17.622	17.594	17.675	VV	13336	217455	2.24%	0.106%
209	17.707	17.675	17.752	VV	2457	64069	0.66%	0.031%
210	17.782	17.752	17.815	VV	1056	26365	0.27%	0.013%
211	17.836	17.815	17.862	VV	448	7270	0.08%	0.004%
212	17.908	17.862	17.922	PV	555	12698	0.13%	0.006%
213	17.953	17.922	17.977	VV	4947	73787	0.76%	0.036%
214	17.991	17.977	18.006	VV	1533	21368	0.22%	0.010%
215	18.068	18.006	18.105	VV	403923	5921806	61.11%	2.878%
216	18.153	18.105	18.182	VV	11695	220570	2.28%	0.107%
217	18.195	18.182	18.220	VV	2052	33528	0.35%	0.016%
218	18.287	18.220	18.320	VV	4170	86659	0.89%	0.042%
219	18.339	18.320	18.347	VV	283	2906	0.03%	0.001%
220	18.384	18.347	18.396	VV	4482	60427	0.62%	0.029%
221	18.425	18.396	18.445	VV	23120	394289	4.07%	0.192%
222	18.477	18.445	18.492	VV	240155	3504497	36.17%	1.703%
223	18.508	18.492	18.603	VV	233593	3697801	38.16%	1.797%
224	18.614	18.603	18.678	VV	3856	134562	1.39%	0.065%
225	18.732	18.678	18.815	VV	198641	3394825	35.03%	1.650%
226	18.902	18.815	18.955	VV	403292	6379948	65.84%	3.100%
227	18.999	18.955	19.033	VV	18137	454343	4.69%	0.221%
228	19.049	19.033	19.066	VV	7440	136754	1.41%	0.066%
229	19.088	19.066	19.118	VV	9652	226588	2.34%	0.110%
230	19.173	19.118	19.182	VV	8486	248132	2.56%	0.121%
231	19.251	19.182	19.278	VV	41562	1162755	12.00%	0.565%
232	19.295	19.278	19.345	VV	24386	665482	6.87%	0.323%
233	19.419	19.345	19.478	VV	23592	1083193	11.18%	0.526%
234	19.531	19.478	19.567	VV	13428	604292	6.24%	0.294%
235	19.585	19.567	19.625	VV	13440	404970	4.18%	0.197%
236	19.686	19.625	19.722	VV	393260	6112672	63.08%	2.971%
237	19.744	19.722	19.760	VV	15209	303900	3.14%	0.148%
238	19.791	19.760	19.836	VV	24776	656667	6.78%	0.319%
239	19.855	19.836	19.878	VV	7858	186443	1.92%	0.091%
240	19.896	19.878	19.909	VV	7952	137354	1.42%	0.067%
241	19.925	19.909	19.948	VV	7949	179573	1.85%	0.087%
242	19.960	19.948	19.993	VV	7865	197199	2.04%	0.096%
243	20.030	19.993	20.070	VV	18505	539647	5.57%	0.262%
244	20.086	20.070	20.125	VV	10268	267567	2.76%	0.130%
245	20.186	20.125	20.225	VV	8581	440777	4.55%	0.214%
246	20.248	20.225	20.271	VV	7929	205987	2.13%	0.100%

rteres								
247	20.318	20.271	20.338	VV	11319	399322	4.12%	0.194%
248	20.354	20.338	20.370	VV	10459	196082	2.02%	0.095%
249	20.427	20.370	20.500	VV	364511	6126268	63.22%	2.977%
250	20.541	20.500	20.551	VV	13911	350688	3.62%	0.170%
251	20.567	20.551	20.614	VV	14299	478396	4.94%	0.232%
252	20.625	20.614	20.632	VV	11069	118030	1.22%	0.057%
253	20.653	20.632	20.660	VV	11129	185381	1.91%	0.090%
254	20.687	20.660	20.703	VV	11861	293080	3.02%	0.142%
255	20.776	20.703	20.795	VV	13771	690973	7.13%	0.336%
256	20.820	20.795	20.868	VV	13370	540595	5.58%	0.263%
257	20.879	20.868	20.932	VV	11287	406607	4.20%	0.198%
258	20.951	20.932	20.982	VV	10509	300881	3.11%	0.146%
259	21.032	20.982	21.041	VV	9997	346771	3.58%	0.169%
260	21.063	21.041	21.115	VV	10077	427039	4.41%	0.208%
261	21.166	21.115	21.278	VV	296313	6053466	62.47%	2.942%
262	21.312	21.278	21.332	VV	7511	236829	2.44%	0.115%
263	21.375	21.332	21.445	VV	7180	460298	4.75%	0.224%
264	21.477	21.445	21.525	VV	6229	287662	2.97%	0.140%
265	21.590	21.525	21.626	VV	6575	354480	3.66%	0.172%
266	21.665	21.626	21.735	VV	6537	371254	3.83%	0.180%
267	21.815	21.735	21.885	VV	5050	418826	4.32%	0.204%
268	21.938	21.885	21.969	VV	4107	196731	2.03%	0.096%
269	22.083	21.969	22.171	VV	211876	5395385	55.68%	2.622%
270	22.208	22.171	22.222	VV	3239	95049	0.98%	0.046%
271	22.226	22.222	22.332	VV	3099	131419	1.36%	0.064%
272	22.339	22.332	22.352	VV	636	6619	0.07%	0.003%
273	22.358	22.352	22.375	VV	411	4846	0.05%	0.002%
274	22.383	22.375	22.402	VBA	277	34051	0.35%	0.017%
Sum of corrected areas:						205774581		

Aliphatic EPH 051225.M Sat May 17 01:57:53 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	5MSD	SDG No.:	Q2021
Lab Sample ID:	Q2003-07MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
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
05/15/25 13:40	05/16/25 15:55	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	94.9	E	1	1.04	4.59	mg/kg	FG015852.D
Total EPH	Total EPH	94.9			1.04	4.59	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

Report of Analysis

Client:	Sciacca General Contractors, LLC	Date Collected:	
Project:	38 Alexander Ave, Nutley NJ	Date Received:	
Client Sample ID:	5MSD	SDG No.:	Q2021
Lab Sample ID:	Q2003-07MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
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
FG015852.D	1	05/15/25	05/16/25	PB168029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	94.9	E	1.04	4.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	45.8		1.35	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.0		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.7		40 - 140	73%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-07MSD	Acq On:	16 May 2025 15:55
Client Sample ID:	5MSD	Operator:	YP\AJ
Data file:	FG015852.D	Misc:	
Instrument:	FID_G	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	29162590	256.889	300	ug/ml
Aliphatic C12-C16	6.776	10.226	31302197	268.17	200	ug/ml
Aliphatic C16-C21	10.227	13.601	38765179	317.229	300	ug/ml
Aliphatic C21-C28	13.602	17.272	47790208	397.772	400	ug/ml
Aliphatic C28-C40	17.273	22.179	66127306	598.798	600	ug/ml
Aliphatic EPH	3.136	22.179	213147480	1840		ug/ml
ortho-Terphenyl (SURR)	11.892	11.892	5470535	36.74		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	4378349	38.01		ug/ml
Aliphatic C9-C28	3.136	17.272	147020174	1240	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015852.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 15:55
 Operator : YP\AJ
 Sample : Q2003-07MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5MSD

Integration File: autoint1.e
 Quant Time: May 17 00:43:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.892	5470535	36.743 ug/ml
Spiked Amount 50.000		Recovery =	73.49%
12) S 1-chlorooctadecane (S...	13.335	4378349	38.007 ug/ml
Spiked Amount 50.000		Recovery =	76.01%
Target Compounds			
1) T n-Nonane (C9)	3.250	6680720	59.545 ug/ml
2) T n-Decane (C10)	4.503	6884736	60.851 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3804982	32.546 ug/ml
4) T n-Dodecane (C12)	6.679	7048771	61.171 ug/ml
5) T A~2-methylnaphthalene...	7.312	3451008	30.214 ug/ml
6) T n-Tetradecane (C14)	8.515	7017668	60.926 ug/ml
7) T n-Hexadecane (C16)	10.129	7145448	60.418 ug/ml
8) T n-Octadecane (C18)	11.577	7132753	58.678 ug/ml
10) T n-Eicosane (C20)	12.892	7317611	59.709 ug/ml
11) T n-Heneicosane (C21)	13.506	6995257	57.110 ug/ml
13) T n-Docosane (C22)	14.093	6965993	57.175 ug/ml
14) T n-Tetracosane (C24)	15.199	10712444	88.441 ug/ml
15) T n-Hexacosane (C26)	16.226	6728711	56.210 ug/ml
16) T n-Octacosane (C28)	17.177	6727922	57.059 ug/ml
17) T n-Tricontane (C30)	18.069	6611199	55.637 ug/ml
18) T n-Dotriacontane (C32)	18.902	6736058	57.028 ug/ml
19) T n-Tetratriacontane (C34)	19.687	6221769	55.717 ug/ml
20) T n-Hexatriacontane (C36)	20.428	5889591	54.465 ug/ml
21) T n-Octatriacontane (C38)	21.166	5849625	56.313 ug/ml
22) T n-Tetracontane (C40)	22.084	5647590	55.381 ug/ml

(f)=RT Delta > 1/2 Window

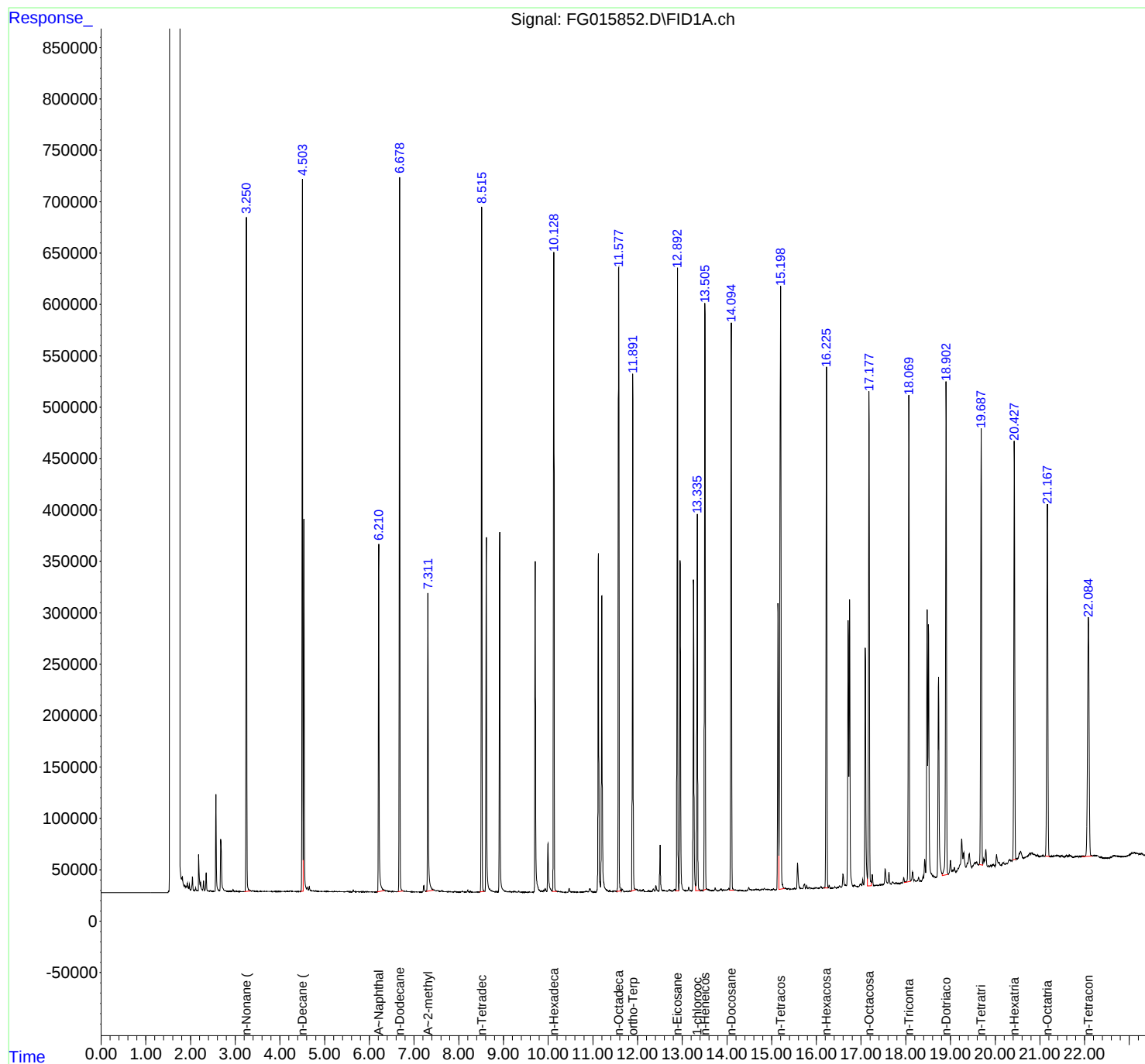
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015852.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 15:55
Operator : YP\AJ
Sample : Q2003-07MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5MSD

Integration File: autoint1.e
Quant Time: May 17 00:43:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
Quant Title : GC Extractables
QLast Update : Mon May 12 12:44:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015852.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 15:55
 Sample : Q2003-07MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Title : GC Extractables

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.250	3.221	3.376	BV	657100	6707620	62.25%	3.002%
2	3.391	3.376	3.441	VV	665	15197	0.14%	0.007%
3	3.458	3.441	3.478	VV	358	5491	0.05%	0.002%
4	3.489	3.478	3.515	VV	294	3582	0.03%	0.002%
5	3.530	3.515	3.545	VV	149	1639	0.02%	0.001%
6	3.560	3.545	3.601	VV	362	7202	0.07%	0.003%
7	3.618	3.601	3.635	VV	414	4209	0.04%	0.002%
8	3.648	3.635	3.681	VV	165	3698	0.03%	0.002%
9	3.697	3.681	3.808	VV	265	10106	0.09%	0.005%
10	3.839	3.808	3.853	VV	217	3359	0.03%	0.002%
11	3.878	3.853	3.917	VV	165	3670	0.03%	0.002%
12	3.936	3.917	3.998	VV	350	5811	0.05%	0.003%
13	4.015	3.998	4.028	PV	86	704	0.01%	0.000%
14	4.043	4.028	4.055	VV	265	3032	0.03%	0.001%
15	4.068	4.055	4.121	VV	252	6999	0.06%	0.003%
16	4.150	4.121	4.175	VV	353	8635	0.08%	0.004%
17	4.179	4.175	4.193	VV	334	3332	0.03%	0.001%
18	4.228	4.193	4.264	VV	736	19073	0.18%	0.009%
19	4.277	4.264	4.304	VV	362	7740	0.07%	0.003%
20	4.314	4.304	4.375	VV	327	9561	0.09%	0.004%
21	4.392	4.375	4.422	VV	221	5794	0.05%	0.003%
22	4.442	4.422	4.467	VV	234	5355	0.05%	0.002%
23	4.503	4.467	4.521	VV	696830	6899537	64.04%	3.088%
24	4.537	4.521	4.596	VV	361268	3871754	35.93%	1.733%
25	4.611	4.596	4.637	VV	4393	74642	0.69%	0.033%
26	4.657	4.637	4.768	VV	5129	124712	1.16%	0.056%
27	4.785	4.768	4.826	VV	863	23740	0.22%	0.011%
28	4.837	4.826	4.850	VV	484	6848	0.06%	0.003%
29	4.865	4.850	4.903	VV	546	14258	0.13%	0.006%
30	4.921	4.903	4.988	VV	423	19511	0.18%	0.009%
31	5.008	4.988	5.123	VV	561	24707	0.23%	0.011%
32	5.136	5.123	5.151	VV	199	2998	0.03%	0.001%
33	5.164	5.151	5.196	VV	276	6470	0.06%	0.003%
34	5.211	5.196	5.239	VV	260	5938	0.06%	0.003%
35	5.297	5.239	5.311	VV	339	10012	0.09%	0.004%
36	5.327	5.311	5.338	VV	288	3602	0.03%	0.002%

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37	5.348	5.338	5.411	VV	256	7899	0.07%	0.004%
38	5.415	5.411	5.443	VV	180	2665	0.02%	0.001%
39	5.467	5.443	5.483	VV	270	5344	0.05%	0.002%
40	5.505	5.483	5.615	VV	712	17282	0.16%	0.008%
41	5.642	5.615	5.706	VV	1854	26081	0.24%	0.012%
42	5.732	5.706	5.778	VV	262	7211	0.07%	0.003%
43	5.801	5.778	5.875	VV	233	8818	0.08%	0.004%
44	5.893	5.875	5.975	VV	273	8727	0.08%	0.004%
45	5.982	5.975	6.005	VV	107	1426	0.01%	0.001%
46	6.018	6.005	6.051	VV	72	1145	0.01%	0.001%
47	6.061	6.051	6.082	VV	90	565	0.01%	0.000%
48	6.114	6.082	6.164	PV	125	968	0.01%	0.000%
49	6.211	6.164	6.371	PV	336653	3913056	36.32%	1.751%
50	6.385	6.371	6.528	VV	1341	72819	0.68%	0.033%
51	6.549	6.528	6.645	VV	666	32591	0.30%	0.015%
52	6.679	6.645	6.813	VV	690660	7125455	66.13%	3.189%
53	6.828	6.813	6.886	VV	973	26059	0.24%	0.012%
54	6.895	6.886	6.948	VV	403	12700	0.12%	0.006%
55	6.958	6.948	6.977	VV	308	4905	0.05%	0.002%
56	7.002	6.977	7.024	VV	330	7065	0.07%	0.003%
57	7.035	7.024	7.064	VV	217	4394	0.04%	0.002%
58	7.086	7.064	7.105	VV	236	4460	0.04%	0.002%
59	7.111	7.105	7.152	VV	181	3899	0.04%	0.002%
60	7.165	7.152	7.177	VV	136	1503	0.01%	0.001%
61	7.219	7.177	7.275	VV	6593	105325	0.98%	0.047%
62	7.312	7.275	7.439	VV	290168	3582189	33.25%	1.603%
63	7.455	7.439	7.494	VV	2228	56741	0.53%	0.025%
64	7.521	7.494	7.581	VV	1746	67510	0.63%	0.030%
65	7.595	7.581	7.607	VV	1011	14192	0.13%	0.006%
66	7.627	7.607	7.669	VV	2057	37258	0.35%	0.017%
67	7.688	7.669	7.780	VV	519	27602	0.26%	0.012%
68	7.801	7.780	7.887	VV	649	20827	0.19%	0.009%
69	7.910	7.887	8.026	VV	1007	25232	0.23%	0.011%
70	8.056	8.026	8.064	VV	331	5400	0.05%	0.002%
71	8.083	8.064	8.141	VV	1085	20195	0.19%	0.009%
72	8.157	8.141	8.178	VV	321	4608	0.04%	0.002%
73	8.202	8.178	8.228	VV	2178	25918	0.24%	0.012%
74	8.260	8.228	8.316	VV	1243	20185	0.19%	0.009%
75	8.329	8.316	8.351	VV	124	2050	0.02%	0.001%
76	8.363	8.351	8.382	VV	256	2734	0.03%	0.001%
77	8.416	8.382	8.430	VV	463	7183	0.07%	0.003%
78	8.439	8.430	8.451	VV	313	3426	0.03%	0.002%
79	8.515	8.451	8.583	VV	660274	7059376	65.52%	3.160%
80	8.617	8.583	8.831	VV	345451	3966132	36.81%	1.775%
81	8.838	8.831	8.854	VV	465	6175	0.06%	0.003%
82	8.871	8.854	8.884	VV	515	8464	0.08%	0.004%
83	8.918	8.884	9.036	VV	349660	3933052	36.50%	1.760%
84	9.048	9.036	9.095	VV	1332	32458	0.30%	0.015%
85	9.100	9.095	9.118	VV	601	7764	0.07%	0.003%
86	9.134	9.118	9.193	VV	821	24315	0.23%	0.011%
87	9.242	9.193	9.314	VV	918	34636	0.32%	0.016%
88	9.342	9.314	9.368	VV	1457	19363	0.18%	0.009%
89	9.386	9.368	9.421	VV	288	5813	0.05%	0.003%

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90	9.489	9.421	9.510	VV	142	3353	0.03%	0.002%
91	9.534	9.510	9.552	PV	224	3007	0.03%	0.001%
92	9.575	9.552	9.614	PV	503	10026	0.09%	0.004%
93	9.640	9.614	9.657	VV	245	4491	0.04%	0.002%
94	9.711	9.657	9.845	VV	321108	3962070	36.77%	1.773%
95	9.861	9.845	9.882	VV	1365	24853	0.23%	0.011%
96	9.903	9.882	9.916	VV	2347	31360	0.29%	0.014%
97	9.934	9.916	9.971	VV	3632	69139	0.64%	0.031%
98	9.997	9.971	10.091	VV	46961	774187	7.19%	0.347%
99	10.128	10.091	10.267	VV	623171	7228603	67.09%	3.235%
100	10.286	10.267	10.400	VV	447	14237	0.13%	0.006%
101	10.422	10.400	10.439	VV	83	1309	0.01%	0.001%
102	10.471	10.439	10.530	VV	3636	58782	0.55%	0.026%
103	10.568	10.530	10.598	VV	391	11229	0.10%	0.005%
104	10.608	10.598	10.631	VV	224	2518	0.02%	0.001%
105	10.649	10.631	10.678	PV	216	3630	0.03%	0.002%
106	10.685	10.678	10.701	VV	131	1053	0.01%	0.000%
107	10.721	10.701	10.774	VV	233	6469	0.06%	0.003%
108	10.828	10.774	10.850	VV	711	16070	0.15%	0.007%
109	10.867	10.850	10.898	VV	856	14062	0.13%	0.006%
110	10.934	10.898	11.042	VV	3314	86527	0.80%	0.039%
111	11.124	11.042	11.171	VV	330620	3812576	35.39%	1.706%
112	11.200	11.171	11.358	VV	287881	3888520	36.09%	1.740%
113	11.375	11.358	11.418	VV	1795	29744	0.28%	0.013%
114	11.472	11.418	11.492	VV	1057	29845	0.28%	0.013%
115	11.502	11.492	11.528	VV	842	14776	0.14%	0.007%
116	11.577	11.528	11.633	VV	606988	7174358	66.59%	3.211%
117	11.654	11.633	11.718	VV	2856	61942	0.57%	0.028%
118	11.734	11.718	11.746	VV	411	5127	0.05%	0.002%
119	11.768	11.746	11.795	VV	836	12160	0.11%	0.005%
120	11.817	11.795	11.833	VV	1106	14419	0.13%	0.006%
121	11.892	11.833	11.959	VV	496715	5557456	51.58%	2.487%
122	11.975	11.959	12.035	VV	2586	75100	0.70%	0.034%
123	12.053	12.035	12.074	VV	1994	30825	0.29%	0.014%
124	12.093	12.074	12.107	VV	1543	23710	0.22%	0.011%
125	12.125	12.107	12.204	VV	2269	39141	0.36%	0.018%
126	12.243	12.204	12.288	PV	1101	23326	0.22%	0.010%
127	12.295	12.288	12.315	VV	465	5642	0.05%	0.003%
128	12.353	12.315	12.386	VV	2565	56415	0.52%	0.025%
129	12.410	12.386	12.467	VV	5756	102955	0.96%	0.046%
130	12.503	12.467	12.578	VV	45212	591716	5.49%	0.265%
131	12.590	12.578	12.651	VV	1110	32504	0.30%	0.015%
132	12.710	12.651	12.780	VV	2095	69502	0.65%	0.031%
133	12.809	12.780	12.819	VV	1485	21719	0.20%	0.010%
134	12.835	12.819	12.852	VV	2169	30323	0.28%	0.014%
135	12.891	12.852	12.922	VV	606669	7343133	68.15%	3.287%
136	12.952	12.922	13.081	VV	318729	3962839	36.78%	1.774%
137	13.100	13.081	13.117	VV	948	16242	0.15%	0.007%
138	13.143	13.117	13.200	VV	3964	70274	0.65%	0.031%
139	13.251	13.200	13.300	VV	301590	3844177	35.68%	1.721%
140	13.335	13.300	13.420	VV	363958	4431053	41.13%	1.983%
141	13.445	13.420	13.464	VV	931	21180	0.20%	0.009%

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142	13.505	13.464	13.538	VV	568126	7060023	65.53%	3.160%
143	13.547	13.538	13.646	VV	2412	85080	0.79%	0.038%
144	13.674	13.646	13.694	VV	585	14980	0.14%	0.007%
145	13.735	13.694	13.796	VV	2897	62446	0.58%	0.028%
146	13.867	13.796	13.901	VV	1917	63232	0.59%	0.028%
147	13.929	13.901	13.950	VV	1329	26598	0.25%	0.012%
148	13.968	13.950	13.987	VV	860	16016	0.15%	0.007%
149	14.009	13.987	14.021	VV	1498	23547	0.22%	0.011%
150	14.040	14.021	14.055	VV	2551	37418	0.35%	0.017%
151	14.093	14.055	14.160	VV	556628	7006859	65.03%	3.136%
152	14.179	14.160	14.255	VV	1145	36433	0.34%	0.016%
153	14.273	14.255	14.313	VV	567	14268	0.13%	0.006%
154	14.340	14.313	14.375	VV	304	8171	0.08%	0.004%
155	14.386	14.375	14.425	VV	104	1436	0.01%	0.001%
156	14.486	14.425	14.512	PV	3122	59877	0.56%	0.027%
157	14.526	14.512	14.545	VV	1211	18357	0.17%	0.008%
158	14.565	14.545	14.578	VV	886	14212	0.13%	0.006%
159	14.592	14.578	14.602	VV	805	10070	0.09%	0.005%
160	14.622	14.602	14.633	VV	1062	16848	0.16%	0.008%
161	14.652	14.633	14.672	VV	1558	26621	0.25%	0.012%
162	14.689	14.672	14.739	VV	1042	29047	0.27%	0.013%
163	14.784	14.739	14.810	VV	1455	35474	0.33%	0.016%
164	14.835	14.810	14.873	VV	2071	43354	0.40%	0.019%
165	14.893	14.873	14.912	VV	970	17151	0.16%	0.008%
166	14.930	14.912	14.974	VV	956	21305	0.20%	0.010%
167	14.998	14.974	15.007	VV	413	5811	0.05%	0.003%
168	15.041	15.007	15.082	VV	980	24953	0.23%	0.011%
169	15.141	15.082	15.162	PV	278288	3503527	32.52%	1.568%
170	15.199	15.162	15.288	VV	583582	10774477	100.00%	4.822%
171	15.305	15.288	15.341	VV	1696	37560	0.35%	0.017%
172	15.375	15.341	15.424	VV	1022	33124	0.31%	0.015%
173	15.458	15.424	15.481	VV	557	14252	0.13%	0.006%
174	15.504	15.481	15.545	VV	875	24694	0.23%	0.011%
175	15.578	15.545	15.691	VV	25652	476403	4.42%	0.213%
176	15.733	15.691	15.757	VV	5167	106951	0.99%	0.048%
177	15.783	15.757	15.811	VV	2700	47308	0.44%	0.021%
178	15.836	15.811	15.858	VV	1844	32769	0.30%	0.015%
179	15.874	15.858	15.908	VV	1043	20693	0.19%	0.009%
180	15.936	15.908	15.951	VV	329	6626	0.06%	0.003%
181	15.986	15.951	16.048	VV	1103	38259	0.36%	0.017%
182	16.100	16.048	16.138	VV	1898	48584	0.45%	0.022%
183	16.161	16.138	16.185	VV	729	17542	0.16%	0.008%
184	16.226	16.185	16.264	VV	503424	6757591	62.72%	3.024%
185	16.285	16.264	16.318	VV	3138	43189	0.40%	0.019%
186	16.331	16.318	16.376	VV	345	6099	0.06%	0.003%
187	16.413	16.376	16.451	PV	1224	22598	0.21%	0.010%
188	16.475	16.451	16.486	VV	470	6340	0.06%	0.003%
189	16.516	16.486	16.548	VV	2151	41771	0.39%	0.019%
190	16.596	16.548	16.637	VV	13258	256295	2.38%	0.115%
191	16.650	16.637	16.669	VV	2514	40979	0.38%	0.018%
192	16.711	16.669	16.726	VV	258095	3567074	33.11%	1.597%
193	16.742	16.726	16.826	VV	276868	3726724	34.59%	1.668%
194	16.852	16.826	16.935	VV	1745	48989	0.45%	0.022%

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195	16.993	16.935	17.013	PV	2369	57366	0.53%	0.026%
196	17.036	17.013	17.058	VV	6615	88136	0.82%	0.039%
197	17.094	17.058	17.140	VV	231126	3422029	31.76%	1.532%
198	17.177	17.140	17.231	VV	478714	6736843	62.53%	3.015%
199	17.251	17.231	17.295	VV	10835	150932	1.40%	0.068%
200	17.301	17.295	17.312	VV	75	829	0.01%	0.000%
201	17.353	17.312	17.387	PV	393	7333	0.07%	0.003%
202	17.428	17.387	17.451	PV	727	13282	0.12%	0.006%
203	17.539	17.451	17.594	VV	15347	317796	2.95%	0.142%
204	17.622	17.594	17.672	VV	11826	189267	1.76%	0.085%
205	17.706	17.672	17.752	VV	2304	57322	0.53%	0.026%
206	17.784	17.752	17.837	VV	1021	30945	0.29%	0.014%
207	17.847	17.837	17.865	VV	331	3511	0.03%	0.002%
208	17.889	17.865	17.923	PV	557	11744	0.11%	0.005%
209	17.954	17.923	17.977	VV	5515	80956	0.75%	0.036%
210	17.992	17.977	18.009	VV	1400	22796	0.21%	0.010%
211	18.068	18.009	18.107	VV	471128	6649529	61.72%	2.976%
212	18.152	18.107	18.185	VV	9880	196869	1.83%	0.088%
213	18.196	18.185	18.225	VV	1752	28530	0.26%	0.013%
214	18.233	18.225	18.244	VV	671	6953	0.06%	0.003%
215	18.286	18.244	18.319	VV	3886	67324	0.62%	0.030%
216	18.342	18.319	18.353	PV	353	4044	0.04%	0.002%
217	18.384	18.353	18.397	VV	3996	56366	0.52%	0.025%
218	18.423	18.397	18.444	VV	20347	343511	3.19%	0.154%
219	18.477	18.444	18.492	VV	262756	3647838	33.86%	1.633%
220	18.509	18.492	18.603	VV	247298	3778790	35.07%	1.691%
221	18.614	18.603	18.631	VV	3600	54000	0.50%	0.024%
222	18.645	18.631	18.665	VV	2649	47999	0.45%	0.021%
223	18.732	18.665	18.815	VV	194685	3515752	32.63%	1.574%
224	18.901	18.815	18.948	VV	479317	6971301	64.70%	3.120%
225	18.999	18.948	19.035	VV	16353	412336	3.83%	0.185%
226	19.051	19.035	19.065	VV	6648	114932	1.07%	0.051%
227	19.087	19.065	19.131	VV	8990	252009	2.34%	0.113%
228	19.250	19.131	19.278	VV	35644	1220154	11.32%	0.546%
229	19.296	19.278	19.344	VV	22090	595916	5.53%	0.267%
230	19.419	19.344	19.479	VV	20455	972088	9.02%	0.435%
231	19.556	19.479	19.570	VV	11554	523812	4.86%	0.234%
232	19.586	19.570	19.630	VV	11841	360815	3.35%	0.161%
233	19.687	19.630	19.721	VV	433858	6678615	61.99%	2.989%
234	19.745	19.721	19.761	VV	13827	275402	2.56%	0.123%
235	19.791	19.761	19.835	VV	22577	573287	5.32%	0.257%
236	19.857	19.835	19.876	VV	6783	151934	1.41%	0.068%
237	19.898	19.876	19.911	VV	6574	129044	1.20%	0.058%
238	19.948	19.911	19.991	VV	6900	307194	2.85%	0.137%
239	20.030	19.991	20.071	VV	16247	480807	4.46%	0.215%
240	20.086	20.071	20.120	VV	8658	209682	1.95%	0.094%
241	20.133	20.120	20.141	VV	5486	67854	0.63%	0.030%
242	20.179	20.141	20.221	VV	7480	311536	2.89%	0.139%
243	20.250	20.221	20.270	VV	6606	180072	1.67%	0.081%
244	20.324	20.270	20.371	VV	9541	507098	4.71%	0.227%
245	20.428	20.371	20.468	VV	413386	6418330	59.57%	2.873%
246	20.479	20.468	20.485	VV	9678	99058	0.92%	0.044%

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247	20.568	20.485	20.634	VV	16415	1108016	10.28%	0.496%
248	20.776	20.634	20.801	VV	13298	1102944	10.24%	0.494%
249	20.823	20.801	20.869	VV	13870	514311	4.77%	0.230%
250	20.877	20.869	20.921	VV	11806	347983	3.23%	0.156%
251	20.946	20.921	20.982	VV	10566	363712	3.38%	0.163%
252	21.062	20.982	21.112	VV	9666	710691	6.60%	0.318%
253	21.167	21.112	21.238	VV	347781	6470858	60.06%	2.896%
254	21.260	21.238	21.282	VV	7797	203660	1.89%	0.091%
255	21.314	21.282	21.331	VV	7733	223594	2.08%	0.100%
256	21.373	21.331	21.388	VV	7910	260580	2.42%	0.117%
257	21.398	21.388	21.448	VV	7793	262453	2.44%	0.117%
258	21.455	21.448	21.467	VV	6686	76507	0.71%	0.034%
259	21.488	21.467	21.541	VV	6914	281641	2.61%	0.126%
260	21.595	21.541	21.618	VV	6651	277292	2.57%	0.124%
261	21.664	21.618	21.736	VV	6322	390494	3.62%	0.175%
262	21.826	21.736	21.881	VV	4566	367330	3.41%	0.164%
263	21.892	21.881	21.899	VV	3888	39767	0.37%	0.018%
264	21.931	21.899	21.955	VV	4071	129861	1.21%	0.058%
265	21.962	21.955	21.969	VV	3855	32429	0.30%	0.015%
266	21.982	21.969	21.991	VV	3785	49455	0.46%	0.022%
267	22.084	21.991	22.174	VV	233857	5967166	55.38%	2.671%
268	22.225	22.174	22.254	VV	3274	143196	1.33%	0.064%
269	22.282	22.254	22.401	VBA	2731	150418	1.40%	0.067%
Sum of corrected areas:						223429598		

Aliphatic EPH 051225.M Sat May 17 01:58:32 2025



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

Manual Integration Report

Sequence:

FG051225AL

Instrument

FID_g

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

FG051625AL

Instrument

FID_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
20 PPM ALIPHATIC HC	FG015844.D	n-Hexatriacontane (C36)	yogesh	5/19/2025 8:30:29 AM	 	 	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG015844.D	n-Octadecane (C18)	yogesh	5/19/2025 8:30:29 AM	 	 	Peak Integrated by Software
20 PPM ALIPHATIC HC	FG015844.D	n-Tetracontane (C40)	yogesh	5/19/2025 8:30:29 AM	 	 	Peak Integrated by Software

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG051225AL

Review By	yogesh	Review On	5/12/2025 1:39:05 PM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:27 AM
SubDirectory	FG051225AL	HP Acquire Method	HP Processing Method FG051225AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM	PP24176		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG015806.D	12 May 2025 09:32	YP\AJ	Ok
2	I.BLK	FG015807.D	12 May 2025 10:01	YP\AJ	Ok
3	100 PPM ALIPHATIC HC STD1	FG015808.D	12 May 2025 10:30	YP\AJ	Ok
4	50 PPM ALIPHATIC HC STD2	FG015809.D	12 May 2025 10:59	YP\AJ	Ok
5	20 PPM ALIPHATIC HC STD3	FG015810.D	12 May 2025 11:28	YP\AJ	Ok
6	10 PPM ALIPHATIC HC STD4	FG015811.D	12 May 2025 11:58	YP\AJ	Ok
7	5 PPM ALIPHATIC HC STD5	FG015812.D	12 May 2025 12:27	YP\AJ	Ok
8	20 PPM ALIPHATIC HC STD ICV	FG015813.D	12 May 2025 12:56	YP\AJ	Ok
9	I.BLK	FG015814.D	12 May 2025 13:25	YP\AJ	Ok
10	20 PPM ALIPHATIC HC STD	FG015815.D	12 May 2025 13:55	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG051625AL

Review By	yogesh	Review On	5/16/2025 12:29:25 PM
Supervise By		Supervise On	
SubDirectory	FG051625AL	HP Acquire Method	HP Processing Method FG051225AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24176 PP24174,PP24179		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	MECL2	FG015842.D	16 May 2025 09:59	YP\AJ	Ok
2	I.BLK	FG015843.D	16 May 2025 10:28	YP\AJ	Ok
3	20 PPM ALIPHATIC HC STD	FG015844.D	16 May 2025 10:58	YP\AJ	Ok,NS
4	PB168029BL	FG015845.D	16 May 2025 11:30	YP\AJ	Ok
5	Q2003-03	FG015846.D	16 May 2025 12:58	YP\AJ	Ok
6	Q2003-04	FG015847.D	16 May 2025 13:28	YP\AJ	Ok
7	Q2003-05	FG015848.D	16 May 2025 13:57	YP\AJ	Ok
8	Q2003-06	FG015849.D	16 May 2025 14:27	YP\AJ	Ok
9	Q2003-07	FG015850.D	16 May 2025 14:56	YP\AJ	Ok
10	Q2003-07MS	FG015851.D	16 May 2025 15:25	YP\AJ	Ok
11	Q2003-07MSD	FG015852.D	16 May 2025 15:55	YP\AJ	Ok
12	Q2021-03	FG015853.D	16 May 2025 16:24	YP\AJ	Ok
13	Q2021-04	FG015854.D	16 May 2025 16:54	YP\AJ	Ok
14	Q2021-05	FG015855.D	16 May 2025 17:23	YP\AJ	Ok
15	Q2021-06	FG015856.D	16 May 2025 17:53	YP\AJ	Ok
16	Q2021-07	FG015857.D	16 May 2025 18:22	YP\AJ	Ok
17	Q2021-08	FG015858.D	16 May 2025 18:52	YP\AJ	Ok
18	PB168029BS	FG015859.D	16 May 2025 19:21	YP\AJ	Ok
19	PB168029BSD	FG015860.D	16 May 2025 19:50	YP\AJ	Ok
20	I.BLK	FG015861.D	16 May 2025 20:49	YP\AJ	Ok
21	20 PPM ALIPHATIC HC STD	FG015862.D	16 May 2025 21:19	YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG051225AL

Review By	yogesh	Review On	5/12/2025 1:39:05 PM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:27 AM
SubDirectory	FG051225AL	HP Acquire Method	HP Processing Method FG051225AL
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24170,PP24175,PP24176,PP24177,PP24178		
CCC	PP24176		
Internal Standard/PEM	PP24174,PP24179		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	MECL2	MECL2	FG015806.D	12 May 2025 09:32		YP\AJ	Ok
2	I.BLK	I.BLK	FG015807.D	12 May 2025 10:01		YP\AJ	Ok
3	100 PPM ALIPHATIC HC	100 PPM ALIPHATIC HC	FG015808.D	12 May 2025 10:30		YP\AJ	Ok
4	50 PPM ALIPHATIC HC	50 PPM ALIPHATIC HC	FG015809.D	12 May 2025 10:59		YP\AJ	Ok
5	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG015810.D	12 May 2025 11:28		YP\AJ	Ok
6	10 PPM ALIPHATIC HC	10 PPM ALIPHATIC HC	FG015811.D	12 May 2025 11:58		YP\AJ	Ok
7	5 PPM ALIPHATIC HC	5 PPM ALIPHATIC HC	FG015812.D	12 May 2025 12:27		YP\AJ	Ok
8	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG015813.D	12 May 2025 12:56		YP\AJ	Ok
9	I.BLK	I.BLK	FG015814.D	12 May 2025 13:25		YP\AJ	Ok
10	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG015815.D	12 May 2025 13:55		YP\AJ	Ok

M : Manual Integration

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG051625AL

Review By	yogesh	Review On	5/16/2025 12:29:25 PM
Supervise By		Supervise On	
SubDirectory	FG051625AL	HP Acquire Method	HP Processing Method FG051225AL
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	FG015842.D	16 May 2025 09:59		YP\AJ	Ok
2	I.BLK	I.BLK	FG015843.D	16 May 2025 10:28		YP\AJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG015844.D	16 May 2025 10:58		YP\AJ	Ok,NS
4	PB168029BL	PB168029BL	FG015845.D	16 May 2025 11:30		YP\AJ	Ok
5	Q2003-03	1	FG015846.D	16 May 2025 12:58		YP\AJ	Ok
6	Q2003-04	2	FG015847.D	16 May 2025 13:28		YP\AJ	Ok
7	Q2003-05	3	FG015848.D	16 May 2025 13:57		YP\AJ	Ok
8	Q2003-06	4	FG015849.D	16 May 2025 14:27		YP\AJ	Ok
9	Q2003-07	5	FG015850.D	16 May 2025 14:56		YP\AJ	Ok
10	Q2003-07MS	5MS	FG015851.D	16 May 2025 15:25	FG015850.D	YP\AJ	Ok
11	Q2003-07MSD	5MSD	FG015852.D	16 May 2025 15:55	FG015850.D!FG015851.D	YP\AJ	Ok
12	Q2021-03	1	FG015853.D	16 May 2025 16:24		YP\AJ	Ok
13	Q2021-04	2	FG015854.D	16 May 2025 16:54		YP\AJ	Ok
14	Q2021-05	3	FG015855.D	16 May 2025 17:23		YP\AJ	Ok
15	Q2021-06	4	FG015856.D	16 May 2025 17:53		YP\AJ	Ok
16	Q2021-07	5	FG015857.D	16 May 2025 18:22		YP\AJ	Ok
17	Q2021-08	6	FG015858.D	16 May 2025 18:52		YP\AJ	Ok
18	PB168029BS	PB168029BS	FG015859.D	16 May 2025 19:21		YP\AJ	Ok

Instrument ID: FID_G

Daily Analysis Runlog For Sequence/QC Batch ID # FG051625AL

Review By	yogesh	Review On	5/16/2025 12:29:25 PM
Supervise By		Supervise On	
SubDirectory	FG051625AL	HP Acquire Method	HP Processing Method FG051225AL

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

19	PB168029BSD	PB168029BSD	FG015860.D	16 May 2025 19:50		YP\AJ	Ok
20	I.BLK	I.BLK	FG015861.D	16 May 2025 20:49		YP\AJ	Ok
21	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG015862.D	16 May 2025 21:19		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 05/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135767

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2021-01	WASTE	1	1.14	10.48	11.62	10.41	88.5	
Q2021-02	VOC	2	1.19	10.25	11.44	9.99	85.9	
Q2021-03	1	3	1.15	10.01	11.16	9.88	87.2	
Q2021-04	2	4	1.18	10.25	11.43	9.88	84.9	
Q2021-05	3	5	1.17	10.09	11.26	10.12	88.7	
Q2021-06	4	6	1.16	10.60	11.76	10.5	88.1	
Q2021-07	5	7	1.18	10.60	11.78	10.36	86.6	
Q2021-08	6	8	1.18	10.21	11.39	10.12	87.6	
Q2032-01	TP-11	9	1.14	10.08	11.22	8.83	76.3	
Q2032-02	TP-29	10	1.18	10.39	11.57	10.13	86.1	
Q2032-03	TP-29-99	11	1.19	10.40	11.59	10.22	86.8	
Q2032-04	TP-24	12	1.15	10.70	11.85	9.09	74.2	
Q2032-05	Q2032-04MS	13	1.15	10.70	11.85	9.09	74.2	
Q2032-06	Q2032-04MSD	14	1.15	10.70	11.85	9.09	74.2	
Q2032-07	TP-37	15	1.19	10.00	11.19	9.44	82.5	
Q2032-08	TP-32	16	1.17	10.08	11.25	9.92	86.8	
Q2034-01	L3-WC-1	17	1.14	10.24	11.38	10.11	87.6	
Q2034-02	L3-WC-1-EPH	18	1.18	10.23	11.41	10.22	88.4	
Q2034-03	L3-WC-1-VOC	19	1.15	10.10	11.25	10.19	89.5	
Q2034-04	L3-WC-1	20	1.14	10.24	11.38	10.11	87.6	
Q2034-05	L3-WC-2	21	1.17	10.18	11.35	9.88	85.6	
Q2034-06	L3-WC-2-EPH	22	1.18	10.71	11.89	10.47	86.7	
Q2034-07	L3-WC-2-VOC	23	1.19	10.52	11.71	10.46	88.1	
Q2034-09	L3-WC-3	24	1.14	10.26	11.4	9.65	82.9	
Q2034-10	L3-WC-3-EPH	25	1.14	10.26	11.4	10.11	87.4	
Q2034-11	L3-WC-3-VOC	26	1.19	10.53	11.72	10.39	87.4	
Q2034-13	L3-WC-4	27	1.18	10.51	11.69	10.26	86.4	
Q2034-14	L3-WC-4-EPH	28	1.15	10.42	11.57	10.23	87.1	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 05/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135767

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2034-15	L3-WC-4-VOC	29	1.15	10.37	11.52	10.7	92.1	
Q2034-17	L3-WC-5	30	1.13	10.76	11.89	10.49	87.0	
Q2034-18	L3-WC-5-EPH	31	1.15	10.66	11.81	10.02	83.2	
Q2034-19	L3-WC-5-VOC	32	1.19	10.72	11.91	10.6	87.8	
Q2034-21	L3-WC-6	33	1.18	10.14	11.32	9.92	86.2	
Q2034-22	L3-WC-6-EPH	34	1.14	10.08	11.22	10.6	93.8	
Q2034-23	L3-WC-6-VOC	35	1.11	10.00	11.11	9.3	81.9	
Q2038-01	72-11991	36	1.15	10.56	11.71	10.81	91.5	
Q2039-01	TR-05-05142025	37	1.18	9.92	11.1	9.54	84.3	
Q2039-02	TR-05-05142025-E2	38	1.15	10.23	11.38	10.17	88.2	
Q2040-01	1	39	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-02	2	40	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-03	3	41	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-04	4	42	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-05	5	43	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-06	6	44	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-07	7	45	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2041-01	HIH359A-1-1	46	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-02	HIH359A-1-2	47	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-03	HIA9895-1-1	48	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-04	HIA9895-1-2	49	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-05	250-1-1	50	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-06	250-1-2	51	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-07	250-2-1	52	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-08	250-2-2	53	1.00	1.00	2.00	2.00	100.0	oilc
Q2042-01	HEI570L-1-1	54	1.00	1.00	2.00	2.00	100.0	oilc
Q2042-02	HEI570L-1-2	55	1.00	1.00	2.00	2.00	100.0	oilc
Q2042-04	HEI570L-2-1	56	1.00	1.00	2.00	2.00	100.0	oilc



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 05/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135767

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2042-05	HEI570L-2-2	57	1.00	1.00	2.00	2.00	100.0	oilc
Q2043-01	281	58	1.18	10.26	11.44	9.29	79.0	
Q2043-02	281-E2	59	1.16	10.44	11.6	10.6	90.4	
Q2043-03	72-12000	60	1.19	10.35	11.54	8.15	67.2	
Q2043-04	72-12000-E2	61	1.11	10.38	11.49	6.56	52.5	
Q2044-01	3858	62	1.00	1.00	2.00	2.00	100.0	oil sample
Q2046-01	BC136902-1-1	63	1.00	1.00	2.00	2.00	100.0	oilc
Q2046-02	BC136902-1-2	64	1.00	1.00	2.00	2.00	100.0	oilc
Q2047-01	SU-04-051425	65	1.18	10.07	11.25	10.72	94.7	
Q2047-02	SU-04-051425-E2	66	1.18	10.37	11.55	10.9	93.7	
Q2048-01	L2-WC-1	67	1.19	10.47	11.66	10.29	86.9	
Q2048-02	L2-WC-1-EPH	68	1.19	10.30	11.49	9.87	84.3	
Q2048-03	L2-WC-1-VOC	69	1.18	10.31	11.49	10.17	87.2	
Q2048-05	L2-WC-2	70	1.16	10.26	11.42	9.82	84.4	
Q2048-06	L2-WC-2-EPH	71	1.17	10.13	11.3	9.06	77.9	
Q2048-07	L2-WC-2-VOC	72	1.18	10.42	11.6	9.88	83.5	
Q2048-09	L2-WC-3	73	1.17	10.15	11.32	9.02	77.3	
Q2048-10	L2-WC-3-EPH	74	1.18	10.07	11.25	9.17	79.3	
Q2048-11	L2-WC-3-VOC	75	1.17	10.49	11.66	9.94	83.6	
Q2048-13	L2-WC-4	76	1.11	10.64	11.75	10.24	85.8	
Q2048-14	L2-WC-4-EPH	77	1.19	10.13	11.32	10.04	87.4	
Q2048-15	L2-WC-4-VOC	78	1.13	10.07	11.2	9.81	86.2	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 135767

WorkList Name : %1-051425

WorkList ID : 189504

Department : Wet-Chemistry

Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2021-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-08	6	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2032-01	TP-11	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-02	TP-29	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-03	TP-29-99	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-04	TP-24	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-05	Q2032-04MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-06	Q2032-04MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-07	TP-37	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-08	TP-32	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2034-01	L3-WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-02	L3-WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-03	L3-WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-04	L3-WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-05	L3-WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO

Date/Time 05-14-25 15:10

Raw Sample Received by: JB WOC

Raw Sample Relinquished by: [Signature]

Date/Time 05-14-25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

B 135767

WorkList Name : %1-051425 WorkList ID : 189504 Department : Wet-Chemistry Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2034-06	L3-WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-07	L3-WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-09	L3-WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-10	L3-WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-11	L3-WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-13	L3-WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-14	L3-WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-15	L3-WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-17	L3-WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-18	L3-WC-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-19	L3-WC-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-21	L3-WC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-22	L3-WC-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-23	L3-WC-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2038-01	72-11991	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO
Q2039-01	TR-05-05142025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L21	05/14/2025	Chemtech -SO
Q2039-02	TR-05-05142025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L21	05/14/2025	Chemtech -SO
Q2040-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-04	4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO

Date/Time 05-14-25 15:10 Date/Time 05-14-25 Date/Time 17:30
 Raw Sample Received by: SP WOC Raw Sample Received by: CP SR Raw Sample Received by: CP SR
 Raw Sample Relinquished by: CP SR Raw Sample Relinquished by: SP WOC

WORKLIST(Hardcopy Internal Chain)

23567

WorkList Name : %1-051425 WorkList ID : 189504 Department : Wet-Chemistry Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2040-05	5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-06	6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-07	7	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2041-01	HIH359A-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-02	HIH359A-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-03	HIA9895-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-04	HIA9895-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-05	250-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-06	250-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-07	250-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-08	250-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2042-01	HEI570L-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2042-02	HEI570L-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2042-04	HEI570L-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2042-05	HEI570L-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2043-01	281	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2043-02	281-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2043-03	72-12000	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2043-04	72-12000-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2044-01	3858	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO
Q2046-01	BC136902-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO

Date/Time 05-14-25 1340
 Raw Sample Received by: cl sm
 Raw Sample Relinquished by: cl sm

WORKLIST(Hardcopy Internal Chain)

87135767

WorkList Name : %1-051425 WorkList ID : 189504 Department : Wet-Chemistry Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2046-02	BC136902-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO
Q2047-01	SU-04-051425	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/14/2025	Chemtech -SO
Q2047-02	SU-04-051425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/14/2025	Chemtech -SO
Q2048-01	L2-WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-02	L2-WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-03	L2-WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-05	L2-WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-06	L2-WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-07	L2-WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-09	L2-WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-10	L2-WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-11	L2-WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-13	L2-WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-14	L2-WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-15	L2-WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO

Date/Time 05-14-25 15:10
 Raw Sample Received by: gl woc
 Raw Sample Relinquished by: gl sm
 Date/Time 05-14-25 17:30
 Raw Sample Received by: gl sm
 Raw Sample Relinquished by: gl woc

SOP ID: MNJDEP-EPH-7

Clean Up SOP #: N/A Extraction Start Date : 05/15/2025

Matrix : Solid Extraction Start Time : 13:40

Weigh By: EH Extraction By: RJ Extraction End Date : 05/15/2025

Balance check: RJ Filter By: RJ Extraction End Time : 17:00

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

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

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	100 PPM	PP24573
Surrogate	1.0ML	100 PPM	PP24491
Fractionation Surrogate	1.0ML	100 PPM	PP24499
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2612
Baked Na2SO4	N/A	EP2611
Sand	N/A	E2865
Hexane	N/A	E3934
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A

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

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
<u>5/15/25</u>	<u>RS (Ext Lab)</u>	<u>Y.P. + STIPUB</u>
<u>17:05</u>	Preparation Group	Analysis Group

Analytical Method: MNJDEP-EPH-7

Concentration Date: 05/15/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168029BL	PB168029BL	EPH_F2	30.02	N/A	ritesh	Evelyn	2			U1-1
PB168029BS	PB168029BS	EPH_F2	30.01	N/A	ritesh	Evelyn	2			2
PB168029BSD	PB168029BSD	EPH_F2	30.02	N/A	ritesh	Evelyn	2			3
Q2003-03	1	EPH_F2	30.05	N/A	ritesh	Evelyn	2			4
Q2003-04	2	EPH_F2	30.07	N/A	ritesh	Evelyn	2			5
Q2003-05	3	EPH_F2	30.09	N/A	ritesh	Evelyn	2			6
Q2003-06	4	EPH_F2	30.04	N/A	ritesh	Evelyn	2			U2-1
Q2003-07	5	EPH_F2	30.02	N/A	ritesh	Evelyn	2			2
Q2003-07MS	5MS	EPH_F2	30.06	N/A	ritesh	Evelyn	2			3
Q2003-07MS D	5MSD	EPH_F2	30.08	N/A	ritesh	Evelyn	2			4
Q2021-03	1	EPH_F2	30.03	N/A	ritesh	Evelyn	2			5
Q2021-04	2	EPH_F2	30.10	N/A	ritesh	Evelyn	2			6
Q2021-05	3	EPH_F2	30.07	N/A	ritesh	Evelyn	2			U3-1
Q2021-06	4	EPH_F2	30.04	N/A	ritesh	Evelyn	2			2
Q2021-07	5	EPH_F2	30.08	N/A	ritesh	Evelyn	2			3
Q2021-08	6	EPH_F2	30.05	N/A	ritesh	Evelyn	2			4

* Extracts relinquished on the same date as received.



WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2021 WorkList ID : 189549 Department : Extraction Date : 05-15-2025 01:33:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2003-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/09/2025	NJEPH
Q2003-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/09/2025	NJEPH
Q2003-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/09/2025	NJEPH
Q2003-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/09/2025	NJEPH
Q2003-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/09/2025	NJEPH
Q2021-03	1	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/12/2025	NJEPH
Q2021-04	2	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/12/2025	NJEPH
Q2021-05	3	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/12/2025	NJEPH
Q2021-06	4	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/12/2025	NJEPH
Q2021-07	5	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/12/2025	NJEPH
Q2021-08	6	Solid	EPH_F2	Cool 4 deg C	SCIA01	L41	05/12/2025	NJEPH

Date/Time 5/15/25 13:35
Raw Sample Received by: RJ (EX-96)
Raw Sample Relinquished by: CP 8

Date/Time 5/15/25 14:00
Raw Sample Received by: CP 8
Raw Sample Relinquished by: RJ (EX-96)



SHIPPING DOCUMENTS

(10WS, UST) Q2021
38 Alexander Ave

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number
COC Number

CLIENT INFORMATION		PROJECT INFORMATION		BILLING INFORMATION	
Report to be sent to:		PROJECT NAME:		BILL TO:	
COMPANY:		PROJECT #:		PO#	
ADDRESS:		LOCATION:		ADDRESS:	
CITY:	STATE: ZIP:	PROJECT MANAGER:		CITY:	STATE: ZIP:
ATTENTION:		E-MAIL:		ATTENTION:	
PHONE: FAX:		PHONE: FAX:		PHONE:	

DATA TURNAROUND INFORMATION		DATA DELIVERABLE INFORMATION		ANALYSIS	
FAX (RUSH):	DAYS*	☐ Level 1 (Results Only)	☐ Level 4 (QC + Full Raw Data)		
HARD COPY (DATA PACKAGE):	DAYS*	☐ Level 2 (Results + QC)	☐ NJ Reduced ☐ US EPA CLP		
EDD:	DAYS*	☐ Level 3 (Results + QC + Raw Data)	☐ NYS ASP A ☐ NYS ASP B		
*TO BE APPROVED BY CHEMTECH		☐ EDD FORMAT	☐ Other		
STANDARD HARD COPY TURNAROUND TIME IS 10 BUSINESS DAYS					

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES										COMMENTS		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	Specify Preservatives			
																	A-HCl	D-NaOH		
																	B-HNO3	E-ICE	C-H2SO4	F-OTHER
1.	WASTE				5/12/3		1	X												
2.	VOC				4:15		1		X											
3.	1				4:45		1			X										
4.	2				2:30		1			X										
5.	3				3:45		1			X										
6.	4				5:15		1			X										
7.	5				4:15		1			X										
8.	6				5:15		1			X										
9.																				
10.																				

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	DATE/TIME	RECEIVED BY	Conditions of bottles or collars at receipt:	COMPLIANT	NON COMPLIANT	COOLER TEMP	Comments:
1.	5-13-25 1100	1.	5-13-25 1100			☐	☐	2.8°	
2.		2.				☐	☐		
3.	5-13-25 1620	3.				☐	☐		

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other: _____
CHEMTECH: ☐ Picked Up

Shipment Complete
☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT

YELLOW - CHEMTECH COPY

PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2021	SCIA01	Order Date : 5/13/2025 12:38:10 PM	Project Mgr :
Client Name : Sciacca General Contractor		Project Name : 38 Alexander Ave, Nutley N	Report Type : Results Only
Client Contact : Rosanne Scirica		Receive DateTime : 5/13/2025 4:20:00 PM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Sciacca General Contractor		Purchase Order :	Hard Copy Date :
Invoice Contact : Rosanne Scirica			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2021-02	VOC	Solid	05/12/2025	14:15 16:15	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time :


5/14/25 0940

Received By :

Date / Time :


05/14/25 9:40 AM
B22

Storage Area : VOA Refridgerator Room