

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: Q2003	OrderDate: 5/9/2025 12:53:14 PM
Client: Sciacca General Contractors, LLC	Project: 32 Sayer Pl, Hillsdale
Contact: Rosanne Scirica	Location: L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2003-01	WASTE	SOIL	TPH GC	8015D	05/09/25	05/16/25	05/16/25	05/09/25
Q2003-03	1	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25
Q2003-04	2	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25
Q2003-05	3	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25
Q2003-06	4	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25
Q2003-07	5	Solid	EPH_F2	NJEPH	05/09/25	05/15/25	05/16/25	05/09/25



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name: CHEMTECH Contract: SCIA01
Lab Code: CHEM CASE No.: Q2003 SAS No.: Q2003 SDG No.: Q2003
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
1	62	61		0
2	52	52		0
3	63	61		0
4	74	73		0
5	88	86		0
5MS	79	77		0
5MSD	76	73		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:** Q2003 **SAS No :** Q2003 **SDG No:** Q2003
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:** Q2003 **SAS No :** Q2003 **SDG No:** Q2003
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:** Q2003 **SAS No :** Q2003 **SDG No:** Q2003
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:** Q2003 **SAS No :** Q2003 **SDG No:** Q2003
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.: Q2003

SAS No.: Q2003 SDG NO.: Q2003

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
1	Q2003-03
2	Q2003-04
3	Q2003-05
4	Q2003-06
5	Q2003-07
5MS	Q2003-07MS
5MSD	Q2003-07MSD

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	1	SDG No.:	Q2003
Lab Sample ID:	Q2003-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/15/25 13:40	05/16/25 12:58	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.02		1	1.05	4.61	mg/kg	FG015846.D
Total EPH	Total EPH	5.02			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:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	1	SDG No.:	Q2003
Lab Sample ID:	Q2003-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG015846.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	5.02		1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.65		1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.9		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.5		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-03	Acq On:	16 May 2025 12:58
Client Sample ID:	1	Operator:	YP\AJ
Data file:	FG015846.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	356653	3.142	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1271255	10.891	200	ug/ml
Aliphatic C16-C21	10.227	13.601	2529541	20.7	300	ug/ml
Aliphatic C21-C28	13.602	17.272	3670641	30.552	400	ug/ml
Aliphatic C28-C40	17.273	22.179	13843954	125.36	600	ug/ml
Aliphatic EPH	3.136	22.179	21672044	190.645		ug/ml
ortho-Terphenyl (SURR)	11.889	11.889	4539725	30.49		ug/ml
1-chlorooctadecane (SURR)	13.333	13.333	3564425	30.94		ug/ml
Aliphatic C9-C28	3.136	17.272	7828090	65.285	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015846.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 12:58
Operator : YP\AJ
Sample : Q2003-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: May 17 00:41:59 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	4539725	30.491 ug/ml
Spiked Amount	50.000	Recovery	= 60.98%
12) S 1-chlorooctadecane (S...	13.333	3564425	30.941 ug/ml
Spiked Amount	50.000	Recovery	= 61.88%

Target Compounds

(f)=RT Delta > 1/2 Window

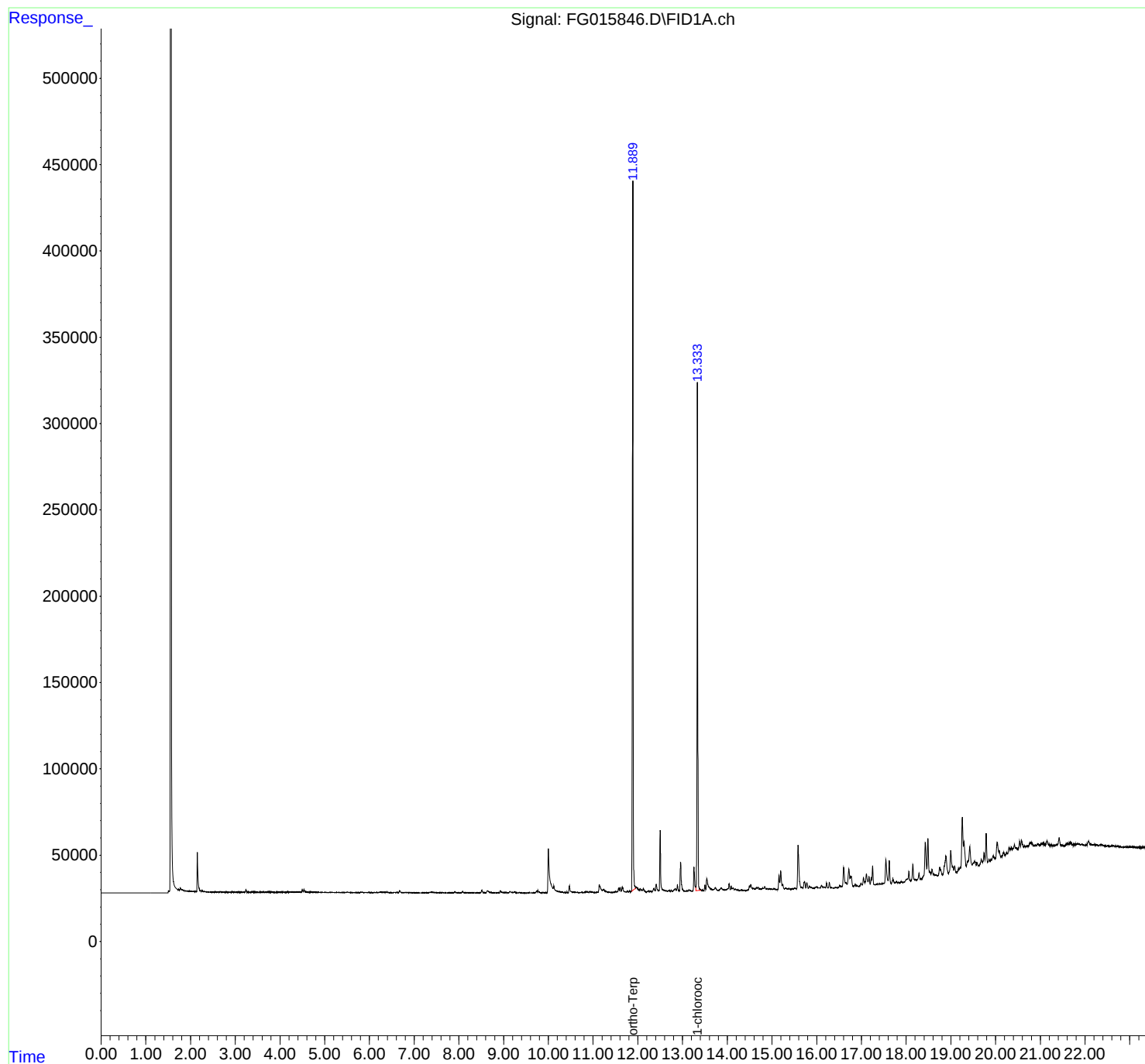
(m)=manual int.

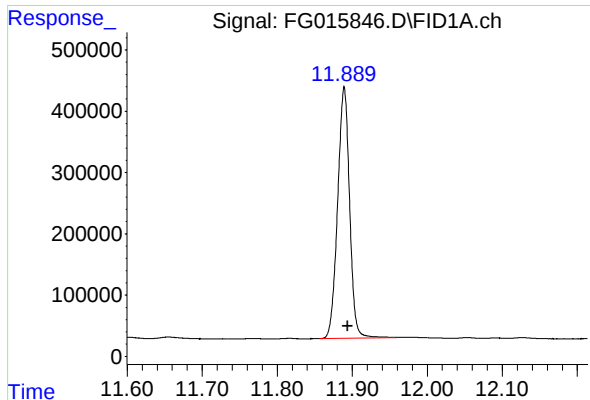
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015846.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 12:58
Operator : YP\AJ
Sample : Q2003-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
1

Integration File: autoint1.e
Quant Time: May 17 00:41:59 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

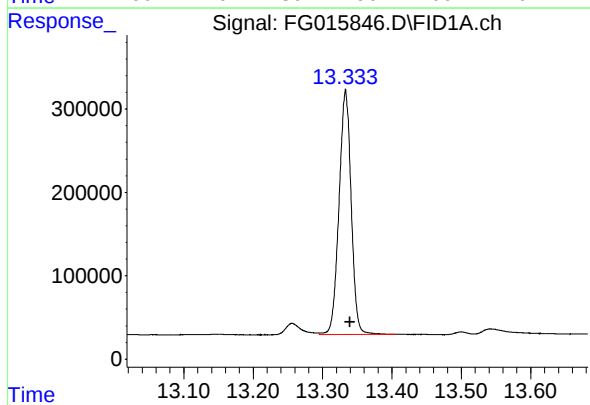




#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: -0.005 min
Response: 4539725
Conc: 30.49 ug/ml

Instrument :
FID_G
ClientSampleId :
1



#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.006 min
Response: 3564425
Conc: 30.94 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015846.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 12:58
Sample : Q2003-03
Misc :
ALS Vial : 24 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	3.338	BV	1472	16154	0.35%	0.054%
2	3.371	3.338	3.384	PV	61	939	0.02%	0.003%
3	3.391	3.384	3.441	VV	67	1332	0.03%	0.004%
4	3.476	3.441	3.515	VV	120	2418	0.05%	0.008%
5	3.524	3.515	3.538	VV	79	668	0.01%	0.002%
6	3.552	3.538	3.564	VV	134	1232	0.03%	0.004%
7	3.576	3.564	3.615	VV	120	2490	0.05%	0.008%
8	3.624	3.615	3.644	VV	77	981	0.02%	0.003%
9	3.689	3.644	3.733	PV	119	3568	0.08%	0.012%
10	3.749	3.733	3.757	VV	62	861	0.02%	0.003%
11	3.768	3.757	3.778	VV	130	974	0.02%	0.003%
12	3.810	3.778	3.825	VV	133	2451	0.05%	0.008%
13	3.832	3.825	3.839	VV	115	694	0.01%	0.002%
14	3.847	3.839	3.907	VV	131	2813	0.06%	0.009%
15	3.924	3.907	3.950	VV	143	2660	0.06%	0.009%
16	3.967	3.950	3.979	VV	147	1725	0.04%	0.006%
17	3.992	3.979	4.005	VV	85	1073	0.02%	0.004%
18	4.011	4.005	4.065	VV	153	3623	0.08%	0.012%
19	4.070	4.065	4.160	VV	147	5856	0.13%	0.019%
20	4.223	4.160	4.266	VV	274	11487	0.25%	0.038%
21	4.281	4.266	4.305	VV	259	4936	0.11%	0.016%
22	4.321	4.305	4.366	VV	281	7763	0.17%	0.026%
23	4.375	4.366	4.382	VV	231	1790	0.04%	0.006%
24	4.390	4.382	4.399	VV	231	2023	0.04%	0.007%
25	4.431	4.399	4.468	VV	214	7574	0.16%	0.025%
26	4.497	4.468	4.517	VV	1671	22228	0.48%	0.074%
27	4.536	4.517	4.607	VV	1820	34182	0.74%	0.114%
28	4.618	4.607	4.641	VV	314	4202	0.09%	0.014%
29	4.691	4.641	4.728	VV	219	8467	0.18%	0.028%
30	4.742	4.728	4.762	VV	160	2615	0.06%	0.009%
31	4.782	4.762	4.825	VV	183	4837	0.10%	0.016%
32	4.832	4.825	4.849	VV	127	1450	0.03%	0.005%
33	4.862	4.849	4.883	VV	127	2010	0.04%	0.007%
34	4.914	4.883	4.938	VV	127	3093	0.07%	0.010%
35	4.944	4.938	4.984	VV	171	2317	0.05%	0.008%
36	5.005	4.984	5.068	VV	130	4260	0.09%	0.014%

					rteres			
37	5.076	5.068	5.098	VV	115	1267	0.03%	0.004%
38	5.158	5.098	5.248	VV	146	8725	0.19%	0.029%
39	5.262	5.248	5.285	VV	137	2413	0.05%	0.008%
40	5.295	5.285	5.325	VV	114	2450	0.05%	0.008%
41	5.337	5.325	5.355	VV	132	1473	0.03%	0.005%
42	5.389	5.355	5.431	VV	130	3354	0.07%	0.011%
43	5.504	5.431	5.546	VV	461	11613	0.25%	0.039%
44	5.558	5.546	5.619	VV	146	3399	0.07%	0.011%
45	5.642	5.619	5.697	VV	121	3302	0.07%	0.011%
46	5.707	5.697	5.744	VV	140	1972	0.04%	0.007%
47	5.759	5.744	5.783	VV	165	1897	0.04%	0.006%
48	5.805	5.783	5.819	VV	191	2999	0.06%	0.010%
49	5.835	5.819	5.864	VV	221	4411	0.10%	0.015%
50	5.876	5.864	5.903	VV	173	3289	0.07%	0.011%
51	5.921	5.903	5.936	VV	201	3146	0.07%	0.010%
52	5.951	5.936	6.029	VV	214	7585	0.16%	0.025%
53	6.043	6.029	6.085	VV	142	2516	0.05%	0.008%
54	6.122	6.085	6.141	VV	95	2120	0.05%	0.007%
55	6.243	6.141	6.346	VV	470	30123	0.65%	0.100%
56	6.388	6.346	6.472	VV	467	19379	0.42%	0.064%
57	6.480	6.472	6.525	VV	212	4001	0.09%	0.013%
58	6.559	6.525	6.647	VV	279	13244	0.29%	0.044%
59	6.678	6.647	6.898	VV	1322	44229	0.95%	0.147%
60	6.907	6.898	6.961	VV	171	5384	0.12%	0.018%
61	6.969	6.961	7.148	VV	167	9262	0.20%	0.031%
62	7.274	7.148	7.288	PV	197	8950	0.19%	0.030%
63	7.304	7.288	7.323	VV	178	3241	0.07%	0.011%
64	7.395	7.323	7.446	VV	428	22850	0.49%	0.076%
65	7.464	7.446	7.548	VV	315	13070	0.28%	0.043%
66	7.571	7.548	7.611	VV	226	5682	0.12%	0.019%
67	7.627	7.611	7.646	VV	194	3598	0.08%	0.012%
68	7.656	7.646	7.681	VV	165	2718	0.06%	0.009%
69	7.694	7.681	7.708	VV	110	1378	0.03%	0.005%
70	7.778	7.708	7.795	VV	162	5304	0.11%	0.018%
71	7.801	7.795	7.811	VV	183	1324	0.03%	0.004%
72	7.822	7.811	7.861	VV	167	3220	0.07%	0.011%
73	7.910	7.861	7.981	VV	942	18871	0.41%	0.063%
74	8.000	7.981	8.027	VV	124	2825	0.06%	0.009%
75	8.082	8.027	8.116	VV	995	17681	0.38%	0.059%
76	8.128	8.116	8.185	VV	152	4253	0.09%	0.014%
77	8.211	8.185	8.229	VV	151	2906	0.06%	0.010%
78	8.248	8.229	8.278	VV	144	3090	0.07%	0.010%
79	8.293	8.278	8.311	VV	136	1753	0.04%	0.006%
80	8.323	8.311	8.350	VV	144	2080	0.04%	0.007%
81	8.361	8.350	8.382	VV	159	1574	0.03%	0.005%
82	8.397	8.382	8.408	VV	158	1950	0.04%	0.006%
83	8.416	8.408	8.434	VV	143	2220	0.05%	0.007%
84	8.450	8.434	8.461	VV	206	2607	0.06%	0.009%
85	8.482	8.461	8.491	VV	329	4642	0.10%	0.015%
86	8.514	8.491	8.596	VV	1741	34938	0.75%	0.116%
87	8.637	8.596	8.828	VV	1326	57396	1.24%	0.191%
88	8.869	8.828	8.896	VV	246	6997	0.15%	0.023%
89	8.929	8.896	8.991	VV	1156	29559	0.64%	0.098%

					rteres			
90	8.999	8.991	9.008	VV	337	2999	0.06%	0.010%
91	9.017	9.008	9.041	VV	340	5573	0.12%	0.019%
92	9.055	9.041	9.113	VV	323	8824	0.19%	0.029%
93	9.138	9.113	9.213	VV	959	27629	0.60%	0.092%
94	9.243	9.213	9.320	VV	914	23138	0.50%	0.077%
95	9.345	9.320	9.367	VV	403	6478	0.14%	0.022%
96	9.385	9.367	9.491	VV	221	5163	0.11%	0.017%
97	9.531	9.491	9.550	PV	156	2709	0.06%	0.009%
98	9.569	9.550	9.657	VV	292	7278	0.16%	0.024%
99	9.675	9.657	9.692	PV	235	2835	0.06%	0.009%
100	9.738	9.692	9.751	VV	953	19372	0.42%	0.064%
101	9.768	9.751	9.845	VV	1383	32586	0.70%	0.108%
102	9.855	9.845	9.864	VV	212	2248	0.05%	0.007%
103	9.879	9.864	9.935	VV	290	7082	0.15%	0.024%
104	9.956	9.935	9.973	VV	370	5125	0.11%	0.017%
105	10.002	9.973	10.106	VV	25536	657410	14.17%	2.186%
106	10.125	10.106	10.435	VV	4054	173483	3.74%	0.577%
107	10.471	10.435	10.534	VV	4064	74096	1.60%	0.246%
108	10.561	10.534	10.628	VV	563	21118	0.46%	0.070%
109	10.643	10.628	10.680	VV	382	7296	0.16%	0.024%
110	10.689	10.680	10.708	VV	203	2560	0.06%	0.009%
111	10.750	10.708	10.773	VV	267	8147	0.18%	0.027%
112	10.793	10.773	10.807	VV	226	3445	0.07%	0.011%
113	10.831	10.807	10.851	VV	698	12552	0.27%	0.042%
114	10.867	10.851	10.901	VV	694	12535	0.27%	0.042%
115	10.935	10.901	11.032	VV	659	27190	0.59%	0.090%
116	11.091	11.032	11.115	VV	640	11825	0.25%	0.039%
117	11.142	11.115	11.204	VV	4573	129394	2.79%	0.430%
118	11.226	11.204	11.417	VV	1824	84014	1.81%	0.279%
119	11.450	11.417	11.468	PV	188	4008	0.09%	0.013%
120	11.506	11.468	11.528	VV	637	13679	0.29%	0.045%
121	11.572	11.528	11.587	VV	2623	39609	0.85%	0.132%
122	11.603	11.587	11.630	VV	2920	44744	0.96%	0.149%
123	11.655	11.630	11.714	VV	3254	72720	1.57%	0.242%
124	11.733	11.714	11.748	VV	391	6911	0.15%	0.023%
125	11.767	11.748	11.795	VV	839	12039	0.26%	0.040%
126	11.817	11.795	11.836	VV	1102	14008	0.30%	0.047%
127	11.889	11.836	11.959	VV	407232	4638310	100.00%	15.427%
128	11.976	11.959	12.035	VV	2858	94396	2.04%	0.314%
129	12.053	12.035	12.074	VV	2124	36693	0.79%	0.122%
130	12.091	12.074	12.108	VV	1512	24890	0.54%	0.083%
131	12.126	12.108	12.198	VV	2161	44942	0.97%	0.149%
132	12.243	12.198	12.263	VV	799	17614	0.38%	0.059%
133	12.290	12.263	12.318	VV	419	10267	0.22%	0.034%
134	12.357	12.318	12.390	VV	2015	50518	1.09%	0.168%
135	12.412	12.390	12.473	VV	4394	91619	1.98%	0.305%
136	12.501	12.473	12.580	VV	35557	464129	10.01%	1.544%
137	12.593	12.580	12.618	VV	1107	19202	0.41%	0.064%
138	12.631	12.618	12.651	VV	700	12011	0.26%	0.040%
139	12.697	12.651	12.720	VV	811	23255	0.50%	0.077%
140	12.752	12.720	12.782	VV	639	18300	0.39%	0.061%
141	12.838	12.782	12.860	VV	1906	50610	1.09%	0.168%

					rteres			
142	12.885	12.860	12.930	VV	3891	67202	1.45%	0.224%
143	12.958	12.930	13.048	VV	16769	286288	6.17%	0.952%
144	13.056	13.048	13.073	VV	444	5429	0.12%	0.018%
145	13.114	13.073	13.124	VV	524	12140	0.26%	0.040%
146	13.148	13.124	13.205	VV	937	25854	0.56%	0.086%
147	13.210	13.205	13.223	VV	348	3580	0.08%	0.012%
148	13.256	13.223	13.295	VV	13911	231549	4.99%	0.770%
149	13.333	13.295	13.428	VV	290009	3616482	77.97%	12.028%
150	13.443	13.428	13.473	VV	756	15497	0.33%	0.052%
151	13.500	13.473	13.518	VV	3647	49521	1.07%	0.165%
152	13.543	13.518	13.695	VV	7240	272145	5.87%	0.905%
153	13.735	13.695	13.795	VV	2131	70135	1.51%	0.233%
154	13.866	13.795	13.903	VV	1782	67839	1.46%	0.226%
155	13.916	13.903	13.947	VV	926	19986	0.43%	0.066%
156	13.974	13.947	13.987	VV	951	18881	0.41%	0.063%
157	14.008	13.987	14.018	VV	1565	23060	0.50%	0.077%
158	14.041	14.018	14.067	VV	4048	65734	1.42%	0.219%
159	14.088	14.067	14.108	VV	2860	44858	0.97%	0.149%
160	14.130	14.108	14.159	VV	1670	39422	0.85%	0.131%
161	14.177	14.159	14.281	VV	1114	41360	0.89%	0.138%
162	14.306	14.281	14.318	VV	419	7699	0.17%	0.026%
163	14.332	14.318	14.413	VV	392	13978	0.30%	0.046%
164	14.453	14.413	14.468	PV	399	7380	0.16%	0.025%
165	14.495	14.468	14.508	VV	2758	42767	0.92%	0.142%
166	14.526	14.508	14.581	VV	3537	89804	1.94%	0.299%
167	14.590	14.581	14.615	VV	1215	20133	0.43%	0.067%
168	14.650	14.615	14.669	VV	1792	41346	0.89%	0.138%
169	14.688	14.669	14.741	VV	1808	48077	1.04%	0.160%
170	14.757	14.741	14.767	VV	782	10371	0.22%	0.034%
171	14.792	14.767	14.813	VV	1346	28650	0.62%	0.095%
172	14.837	14.813	14.870	VV	2106	45150	0.97%	0.150%
173	14.899	14.870	14.928	VV	952	24980	0.54%	0.083%
174	14.948	14.928	14.980	VV	907	18857	0.41%	0.063%
175	14.994	14.980	15.016	VV	510	8998	0.19%	0.030%
176	15.047	15.016	15.100	VV	937	23995	0.52%	0.080%
177	15.155	15.100	15.174	VV	8338	130639	2.82%	0.434%
178	15.194	15.174	15.227	VV	10911	199288	4.30%	0.663%
179	15.240	15.227	15.288	VV	3136	54523	1.18%	0.181%
180	15.309	15.288	15.341	VV	1050	21005	0.45%	0.070%
181	15.370	15.341	15.424	VV	600	17584	0.38%	0.058%
182	15.456	15.424	15.474	VV	407	7698	0.17%	0.026%
183	15.508	15.474	15.545	VV	844	23413	0.50%	0.078%
184	15.583	15.545	15.690	VV	25489	554019	11.94%	1.843%
185	15.730	15.690	15.754	VV	4157	94907	2.05%	0.316%
186	15.778	15.754	15.815	VV	3531	68645	1.48%	0.228%
187	15.837	15.815	15.860	VV	1636	29580	0.64%	0.098%
188	15.875	15.860	15.922	VV	989	24881	0.54%	0.083%
189	15.936	15.922	15.951	VV	403	6106	0.13%	0.020%
190	15.994	15.951	16.069	VV	973	43156	0.93%	0.144%
191	16.107	16.069	16.148	VV	1810	49498	1.07%	0.165%
192	16.159	16.148	16.195	VV	890	19852	0.43%	0.066%
193	16.219	16.195	16.248	VV	3215	45576	0.98%	0.152%
194	16.282	16.248	16.378	VV	3373	59899	1.29%	0.199%

					rteres			
195	16.429	16.378	16.458	PV	409	10251	0.22%	0.034%
196	16.514	16.458	16.548	VV	1177	30413	0.66%	0.101%
197	16.601	16.548	16.681	VV	11474	307294	6.63%	1.022%
198	16.718	16.681	16.742	VV	10490	238382	5.14%	0.793%
199	16.772	16.742	16.821	VV	6120	167068	3.60%	0.556%
200	16.856	16.821	16.885	VV	1406	31128	0.67%	0.104%
201	16.891	16.885	16.938	VV	721	10355	0.22%	0.034%
202	16.991	16.938	17.016	PV	1817	34271	0.74%	0.114%
203	17.045	17.016	17.071	VV	4871	89238	1.92%	0.297%
204	17.110	17.071	17.146	VV	6972	172877	3.73%	0.575%
205	17.169	17.146	17.194	VV	5137	87719	1.89%	0.292%
206	17.218	17.194	17.228	VV	4295	58189	1.25%	0.194%
207	17.249	17.228	17.302	VV	11229	159727	3.44%	0.531%
208	17.352	17.302	17.378	VV	582	15063	0.32%	0.050%
209	17.385	17.378	17.394	VV	354	3302	0.07%	0.011%
210	17.416	17.394	17.445	VV	562	11692	0.25%	0.039%
211	17.468	17.445	17.480	VV	548	7960	0.17%	0.026%
212	17.546	17.480	17.593	VV	14102	312548	6.74%	1.040%
213	17.622	17.593	17.670	VV	13455	210040	4.53%	0.699%
214	17.703	17.670	17.748	VV	2369	54467	1.17%	0.181%
215	17.785	17.748	17.810	VV	1046	22685	0.49%	0.075%
216	17.829	17.810	17.862	VV	431	8199	0.18%	0.027%
217	17.887	17.862	17.934	PV	616	12546	0.27%	0.042%
218	18.060	17.934	18.105	PV	5863	135130	2.91%	0.449%
219	18.149	18.105	18.182	VV	9318	148646	3.20%	0.494%
220	18.195	18.182	18.215	VV	613	8564	0.18%	0.028%
221	18.285	18.215	18.321	VV	3654	56908	1.23%	0.189%
222	18.428	18.321	18.460	PV	20701	466824	10.06%	1.553%
223	18.485	18.460	18.557	VV	22940	473785	10.21%	1.576%
224	18.579	18.557	18.654	VV	4537	120853	2.61%	0.402%
225	18.664	18.654	18.698	VV	848	16598	0.36%	0.055%
226	18.747	18.698	18.814	VV	4797	145134	3.13%	0.483%
227	18.889	18.814	18.946	VV	10800	360565	7.77%	1.199%
228	18.996	18.946	19.064	VV	13518	348188	7.51%	1.158%
229	19.083	19.064	19.123	VV	4041	68963	1.49%	0.229%
230	19.169	19.123	19.182	PV	1983	30804	0.66%	0.102%
231	19.207	19.182	19.217	VV	2579	44390	0.96%	0.148%
232	19.254	19.217	19.279	VV	31499	636089	13.71%	2.116%
233	19.292	19.279	19.344	VV	16903	396565	8.55%	1.319%
234	19.420	19.344	19.475	VV	13672	510448	11.01%	1.698%
235	19.528	19.475	19.568	VV	4452	203684	4.39%	0.677%
236	19.586	19.568	19.630	VV	3638	90169	1.94%	0.300%
237	19.679	19.630	19.708	VV	4997	151779	3.27%	0.505%
238	19.740	19.708	19.760	VV	8570	175600	3.79%	0.584%
239	19.788	19.760	19.825	VV	19394	350911	7.57%	1.167%
240	19.853	19.825	19.874	VV	4028	100959	2.18%	0.336%
241	19.894	19.874	19.910	VV	4135	75331	1.62%	0.251%
242	19.942	19.910	19.995	VV	5783	234673	5.06%	0.780%
243	20.034	19.995	20.071	VV	13235	415234	8.95%	1.381%
244	20.084	20.071	20.119	VV	8192	180654	3.89%	0.601%
245	20.173	20.119	20.218	VV	6445	316787	6.83%	1.054%
246	20.253	20.218	20.270	VV	6070	174359	3.76%	0.580%

					rteres			
247	20.300	20.270	20.328	VV	8881	262920	5.67%	0.874%
248	20.351	20.328	20.368	VV	8433	191503	4.13%	0.637%
249	20.421	20.368	20.499	VV	10070	634443	13.68%	2.110%
250	20.537	20.499	20.557	VV	11353	309019	6.66%	1.028%
251	20.580	20.557	20.635	VV	11328	432164	9.32%	1.437%
252	20.651	20.635	20.669	VV	8020	160925	3.47%	0.535%
253	20.696	20.669	20.717	VV	7826	219614	4.73%	0.730%
254	20.777	20.717	20.796	VV	9612	405837	8.75%	1.350%
255	20.812	20.796	20.851	VV	9215	276418	5.96%	0.919%
256	20.888	20.851	20.915	VV	7467	280073	6.04%	0.931%
257	20.948	20.915	20.981	VV	7796	293981	6.34%	0.978%
258	21.056	20.981	21.120	VV	7814	590717	12.74%	1.965%
259	21.150	21.120	21.228	VV	8625	443024	9.55%	1.473%
260	21.251	21.228	21.278	VV	5545	162773	3.51%	0.541%
261	21.334	21.278	21.343	VV	5368	209243	4.51%	0.696%
262	21.368	21.343	21.376	VV	5341	105679	2.28%	0.351%
263	21.420	21.376	21.476	VV	9122	366761	7.91%	1.220%
264	21.493	21.476	21.528	VV	4515	134010	2.89%	0.446%
265	21.595	21.528	21.608	VV	4626	205048	4.42%	0.682%
266	21.664	21.608	21.741	VV	4984	350242	7.55%	1.165%
267	21.835	21.741	21.895	VV	3582	313005	6.75%	1.041%
268	21.925	21.895	21.998	VV	2914	156668	3.38%	0.521%
269	22.079	21.998	22.171	VV	3932	242791	5.23%	0.808%
270	22.196	22.171	22.204	VV	1454	26996	0.58%	0.090%
271	22.212	22.204	22.315	VV	1373	60790	1.31%	0.202%
272	22.355	22.315	22.401	VBA	818	52420	1.13%	0.174%
					Sum of corrected areas:	30067037		

Aliphatic EPH 051225.M Sat May 17 01:54:02 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	2	SDG No.:	Q2003
Lab Sample ID:	Q2003-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
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 13:28	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	6.36		1	1.04	4.56	mg/kg	FG015847.D
Total EPH	Total EPH	6.36			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:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	2	SDG No.:	Q2003
Lab Sample ID:	Q2003-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
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
FG015847.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	6.36		1.04	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.0		1.35	2.28	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.9		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.8		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-04	Acq On:	16 May 2025 13:28
Client Sample ID:	2	Operator:	YP\AJ
Data file:	FG015847.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	321592	2.833	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1126938	9.655	200	ug/ml
Aliphatic C16-C21	10.227	13.601	5407053	44.248	300	ug/ml
Aliphatic C21-C28	13.602	17.272	3222548	26.822	400	ug/ml
Aliphatic C28-C40	17.273	22.179	16014294	145.013	600	ug/ml
Aliphatic EPH	3.136	22.179	26092425	228.571		ug/ml
ortho-Terphenyl (SURR)	11.889	11.889	3842137	25.81		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	2988652	25.94		ug/ml
Aliphatic C9-C28	3.136	17.272	10078131	83.558	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015847.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 13:28
 Operator : YP\AJ
 Sample : Q2003-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 2

Integration File: autoint1.e
 Quant Time: May 17 00:42:12 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	3842137	25.806 ug/ml
Spiked Amount	50.000	Recovery	= 51.61%
12) S 1-chlorooctadecane (S...	13.334	2988652	25.943 ug/ml
Spiked Amount	50.000	Recovery	= 51.89%

Target Compounds

(f)=RT Delta > 1/2 Window

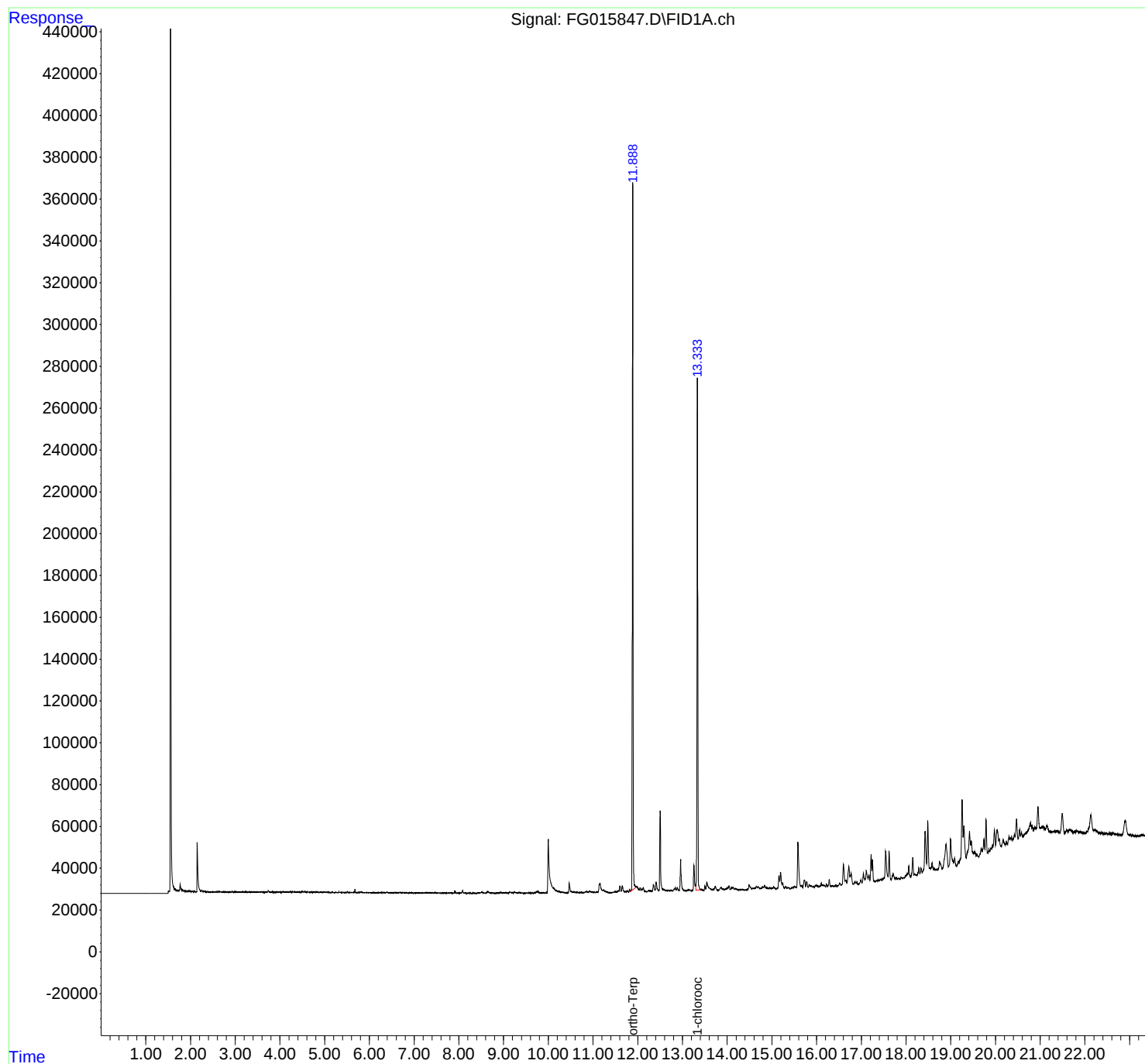
(m)=manual int.

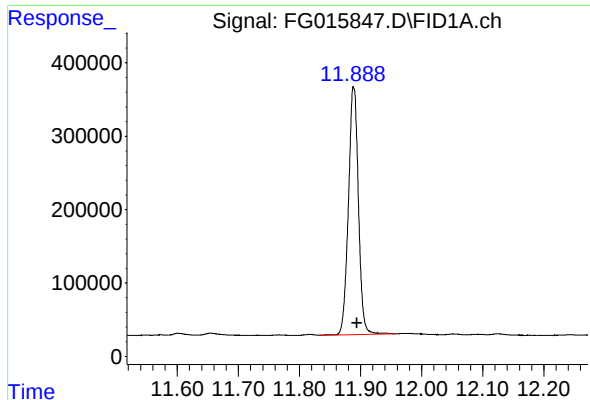
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015847.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 13:28
Operator : YP\AJ
Sample : Q2003-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
2

Integration File: autoint1.e
Quant Time: May 17 00:42:12 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

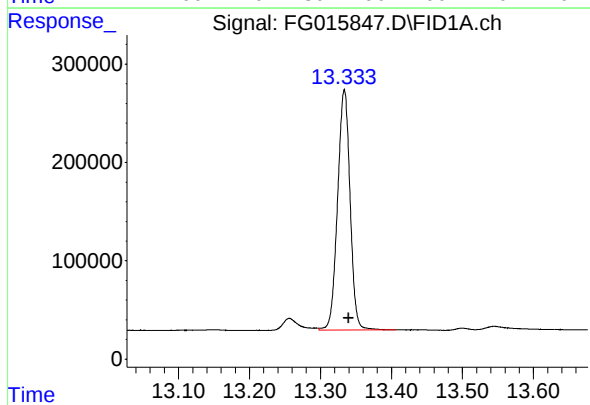




#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: -0.005 min
Response: 3842137
Conc: 25.81 ug/ml

Instrument :
FID_G
ClientSampleId :
2



#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.006 min
Response: 2988652
Conc: 25.94 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015847.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 13:28
Sample : Q2003-04
Misc :
ALS Vial : 25 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	3.222	3.279	BV	257	3152	0.08%	0.010%
2	3.288	3.279	3.333	VV	37	1216	0.03%	0.004%
3	3.361	3.333	3.375	PV	152	2181	0.06%	0.007%
4	3.380	3.375	3.394	VV	125	1114	0.03%	0.004%
5	3.405	3.394	3.415	VV	129	1095	0.03%	0.004%
6	3.439	3.415	3.488	VV	222	5271	0.13%	0.017%
7	3.498	3.488	3.528	VV	127	2054	0.05%	0.007%
8	3.552	3.528	3.574	VV	154	2862	0.07%	0.009%
9	3.590	3.574	3.662	VV	228	5934	0.15%	0.020%
10	3.685	3.662	3.703	VV	116	2090	0.05%	0.007%
11	3.741	3.703	3.818	VV	899	15446	0.39%	0.051%
12	3.831	3.818	3.852	VV	181	2144	0.05%	0.007%
13	3.863	3.852	3.885	VV	159	2190	0.06%	0.007%
14	3.925	3.885	4.002	VV	209	8592	0.22%	0.028%
15	4.065	4.002	4.123	VV	245	12287	0.31%	0.041%
16	4.193	4.123	4.200	VV	242	8336	0.21%	0.028%
17	4.222	4.200	4.231	VV	292	4773	0.12%	0.016%
18	4.240	4.231	4.311	VV	303	12229	0.31%	0.040%
19	4.321	4.311	4.350	VV	326	5586	0.14%	0.018%
20	4.362	4.350	4.402	VV	229	6362	0.16%	0.021%
21	4.418	4.402	4.440	VV	231	4662	0.12%	0.015%
22	4.498	4.440	4.522	VV	531	12736	0.32%	0.042%
23	4.536	4.522	4.568	VV	449	8517	0.22%	0.028%
24	4.577	4.568	4.592	VV	218	2907	0.07%	0.010%
25	4.620	4.592	4.653	VV	418	7959	0.20%	0.026%
26	4.669	4.653	4.702	VV	229	5182	0.13%	0.017%
27	4.717	4.702	4.768	VV	251	8346	0.21%	0.028%
28	4.784	4.768	4.812	VV	243	5539	0.14%	0.018%
29	4.819	4.812	4.875	VV	213	7042	0.18%	0.023%
30	4.892	4.875	4.905	VV	220	3177	0.08%	0.011%
31	4.909	4.905	4.954	VV	165	4912	0.12%	0.016%
32	4.968	4.954	5.036	VV	210	8324	0.21%	0.028%
33	5.058	5.036	5.097	VV	192	5215	0.13%	0.017%
34	5.108	5.097	5.141	VV	166	2948	0.07%	0.010%
35	5.161	5.141	5.216	VV	193	5622	0.14%	0.019%
36	5.320	5.216	5.373	VV	214	10756	0.27%	0.036%

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37	5.392	5.373	5.415	VV	84	2341	0.06%	0.008%
38	5.505	5.415	5.618	VV	383	16006	0.41%	0.053%
39	5.641	5.618	5.672	VV	337	5560	0.14%	0.018%
40	5.675	5.672	5.715	VV	827	3812	0.10%	0.013%
41	5.737	5.715	5.778	VV	167	4119	0.10%	0.014%
42	5.835	5.778	5.896	VV	284	13825	0.35%	0.046%
43	5.912	5.896	6.068	VV	185	11239	0.28%	0.037%
44	6.108	6.068	6.168	VV	190	4032	0.10%	0.013%
45	6.242	6.168	6.268	VV	171	5463	0.14%	0.018%
46	6.301	6.268	6.358	VV	202	7721	0.20%	0.026%
47	6.389	6.358	6.513	VV	423	13133	0.33%	0.043%
48	6.562	6.513	6.638	VV	235	9314	0.24%	0.031%
49	6.678	6.638	6.722	VV	333	7638	0.19%	0.025%
50	6.739	6.722	6.804	VV	225	8631	0.22%	0.029%
51	6.820	6.804	6.868	VV	183	4773	0.12%	0.016%
52	6.885	6.868	6.948	VV	152	4396	0.11%	0.015%
53	6.961	6.948	7.049	VV	110	4185	0.11%	0.014%
54	7.077	7.049	7.098	VV	55	1423	0.04%	0.005%
55	7.128	7.098	7.147	VV	73	1225	0.03%	0.004%
56	7.252	7.147	7.276	PV	235	9339	0.24%	0.031%
57	7.307	7.276	7.327	VV	244	5731	0.15%	0.019%
58	7.397	7.327	7.442	VV	263	12396	0.31%	0.041%
59	7.463	7.442	7.494	VV	255	5156	0.13%	0.017%
60	7.512	7.494	7.615	VV	197	9462	0.24%	0.031%
61	7.630	7.615	7.688	VV	163	4402	0.11%	0.015%
62	7.707	7.688	7.776	VV	101	3624	0.09%	0.012%
63	7.801	7.776	7.882	VV	145	5843	0.15%	0.019%
64	7.910	7.882	8.024	VV	1261	22359	0.57%	0.074%
65	8.083	8.024	8.192	PV	1251	24775	0.63%	0.082%
66	8.204	8.192	8.225	VV	94	1375	0.03%	0.005%
67	8.236	8.225	8.255	VV	80	1178	0.03%	0.004%
68	8.265	8.255	8.318	VV	85	2545	0.06%	0.008%
69	8.331	8.318	8.365	VV	84	1605	0.04%	0.005%
70	8.514	8.365	8.585	VV	724	26382	0.67%	0.087%
71	8.641	8.585	8.818	VV	731	32679	0.83%	0.108%
72	8.872	8.818	8.905	VV	196	6838	0.17%	0.023%
73	8.935	8.905	8.982	VV	479	13916	0.35%	0.046%
74	9.010	8.982	9.038	VV	320	8749	0.22%	0.029%
75	9.053	9.038	9.106	VV	301	7941	0.20%	0.026%
76	9.140	9.106	9.215	VV	647	21182	0.54%	0.070%
77	9.243	9.215	9.317	VV	608	19064	0.48%	0.063%
78	9.345	9.317	9.373	VV	421	8617	0.22%	0.029%
79	9.388	9.373	9.475	VV	252	5916	0.15%	0.020%
80	9.531	9.475	9.547	PV	187	3830	0.10%	0.013%
81	9.569	9.547	9.606	VV	304	5254	0.13%	0.017%
82	9.622	9.606	9.656	VV	77	1684	0.04%	0.006%
83	9.768	9.656	9.830	PV	1165	40597	1.03%	0.134%
84	9.883	9.830	9.932	VV	214	8635	0.22%	0.029%
85	10.003	9.932	10.438	VV	25237	789862	20.01%	2.614%
86	10.470	10.438	10.536	VV	4604	84941	2.15%	0.281%
87	10.566	10.536	10.625	VV	531	20164	0.51%	0.067%
88	10.643	10.625	10.708	VV	349	9865	0.25%	0.033%
89	10.741	10.708	10.772	VV	277	7886	0.20%	0.026%

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90	10.789	10.772	10.805	VV	190	2699	0.07%	0.009%
91	10.831	10.805	10.852	VV	643	11682	0.30%	0.039%
92	10.866	10.852	10.888	VV	687	10435	0.26%	0.035%
93	10.935	10.888	11.003	VV	783	33680	0.85%	0.111%
94	11.018	11.003	11.056	VV	272	7707	0.20%	0.026%
95	11.090	11.056	11.115	VV	655	11555	0.29%	0.038%
96	11.155	11.115	11.209	VV	4521	142383	3.61%	0.471%
97	11.227	11.209	11.356	VV	1358	59583	1.51%	0.197%
98	11.375	11.356	11.418	VV	179	3145	0.08%	0.010%
99	11.504	11.418	11.525	PV	628	18341	0.46%	0.061%
100	11.603	11.525	11.631	VV	3137	70708	1.79%	0.234%
101	11.656	11.631	11.714	VV	3184	66224	1.68%	0.219%
102	11.731	11.714	11.748	VV	443	7418	0.19%	0.025%
103	11.767	11.748	11.791	VV	882	12831	0.33%	0.042%
104	11.817	11.791	11.834	VV	1466	18968	0.48%	0.063%
105	11.889	11.834	11.959	VV	341394	3946790	100.00%	13.062%
106	11.975	11.959	12.035	VV	2907	94126	2.38%	0.312%
107	12.053	12.035	12.074	VV	2072	33963	0.86%	0.112%
108	12.093	12.074	12.108	VV	1589	25807	0.65%	0.085%
109	12.125	12.108	12.202	VV	2155	43373	1.10%	0.144%
110	12.243	12.202	12.258	VV	846	14448	0.37%	0.048%
111	12.278	12.258	12.315	VV	668	16496	0.42%	0.055%
112	12.352	12.315	12.392	VV	3630	78128	1.98%	0.259%
113	12.412	12.392	12.469	VV	4682	95326	2.42%	0.315%
114	12.502	12.469	12.650	VV	38516	550127	13.94%	1.821%
115	12.695	12.650	12.718	VV	649	20994	0.53%	0.069%
116	12.751	12.718	12.782	VV	554	17036	0.43%	0.056%
117	12.839	12.782	12.862	VV	1770	48190	1.22%	0.159%
118	12.885	12.862	12.932	VV	1943	40632	1.03%	0.134%
119	12.959	12.932	13.082	VV	15259	264825	6.71%	0.876%
120	13.149	13.082	13.202	VV	878	30456	0.77%	0.101%
121	13.257	13.202	13.298	VV	12123	210904	5.34%	0.698%
122	13.333	13.298	13.472	VV	247372	3043660	77.12%	10.073%
123	13.501	13.472	13.518	VV	2389	32229	0.82%	0.107%
124	13.546	13.518	13.662	VV	4179	146118	3.70%	0.484%
125	13.676	13.662	13.698	VV	711	13267	0.34%	0.044%
126	13.736	13.698	13.802	VV	2085	53214	1.35%	0.176%
127	13.864	13.802	13.942	VV	1667	64424	1.63%	0.213%
128	13.969	13.942	13.985	VV	809	15244	0.39%	0.050%
129	14.040	13.985	14.067	VV	2178	57205	1.45%	0.189%
130	14.132	14.067	14.162	VV	1432	54200	1.37%	0.179%
131	14.178	14.162	14.268	VV	959	30834	0.78%	0.102%
132	14.339	14.268	14.425	VV	360	17157	0.43%	0.057%
133	14.493	14.425	14.548	PV	2342	69413	1.76%	0.230%
134	14.593	14.548	14.614	VV	789	26232	0.66%	0.087%
135	14.651	14.614	14.670	VV	1607	34490	0.87%	0.114%
136	14.689	14.670	14.738	VV	1521	38923	0.99%	0.129%
137	14.794	14.738	14.813	VV	1327	36292	0.92%	0.120%
138	14.837	14.813	14.872	VV	1908	42853	1.09%	0.142%
139	14.894	14.872	14.928	VV	823	21136	0.54%	0.070%
140	14.951	14.928	14.978	VV	731	16040	0.41%	0.053%
141	14.997	14.978	15.014	VV	434	7624	0.19%	0.025%

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142	15.042	15.014	15.102	VV	915	21597	0.55%	0.071%
143	15.157	15.102	15.174	PV	6224	101182	2.56%	0.335%
144	15.195	15.174	15.280	VV	7832	200173	5.07%	0.662%
145	15.311	15.280	15.345	VV	928	21655	0.55%	0.072%
146	15.364	15.345	15.419	VV	502	12489	0.32%	0.041%
147	15.510	15.419	15.543	PV	695	28712	0.73%	0.095%
148	15.582	15.543	15.692	VV	21657	467778	11.85%	1.548%
149	15.727	15.692	15.754	VV	3550	81155	2.06%	0.269%
150	15.777	15.754	15.810	VV	2875	53466	1.35%	0.177%
151	15.835	15.810	15.858	VV	1517	27272	0.69%	0.090%
152	15.874	15.858	15.912	VV	897	18800	0.48%	0.062%
153	15.933	15.912	15.948	VV	382	5684	0.14%	0.019%
154	15.996	15.948	16.049	VV	1055	36851	0.93%	0.122%
155	16.104	16.049	16.195	VV	1490	63353	1.61%	0.210%
156	16.218	16.195	16.245	VV	1431	20871	0.53%	0.069%
157	16.281	16.245	16.375	VV	3555	60744	1.54%	0.201%
158	16.428	16.375	16.458	PV	495	9491	0.24%	0.031%
159	16.515	16.458	16.548	PV	1279	32576	0.83%	0.108%
160	16.600	16.548	16.678	VV	10154	266824	6.76%	0.883%
161	16.719	16.678	16.748	VV	8966	224677	5.69%	0.744%
162	16.771	16.748	16.824	VV	5631	126792	3.21%	0.420%
163	16.857	16.824	16.882	VV	1378	27840	0.71%	0.092%
164	16.895	16.882	16.942	VV	898	15717	0.40%	0.052%
165	16.991	16.942	17.015	PV	1880	36605	0.93%	0.121%
166	17.046	17.015	17.088	VV	4881	114413	2.90%	0.379%
167	17.112	17.088	17.147	VV	5865	131260	3.33%	0.434%
168	17.168	17.147	17.189	VV	3868	69705	1.77%	0.231%
169	17.217	17.189	17.295	VV	13386	346318	8.77%	1.146%
170	17.352	17.295	17.389	VV	747	31315	0.79%	0.104%
171	17.416	17.389	17.442	VV	808	21669	0.55%	0.072%
172	17.544	17.442	17.595	VV	13685	350762	8.89%	1.161%
173	17.621	17.595	17.667	VV	13653	216085	5.47%	0.715%
174	17.711	17.667	17.752	VV	2976	75916	1.92%	0.251%
175	17.782	17.752	17.815	VV	855	21095	0.53%	0.070%
176	17.830	17.815	17.865	VV	321	6403	0.16%	0.021%
177	17.905	17.865	17.927	PV	376	10319	0.26%	0.034%
178	18.060	17.927	18.094	PV	5287	125794	3.19%	0.416%
179	18.149	18.094	18.245	VV	8977	159208	4.03%	0.527%
180	18.286	18.245	18.308	VV	3309	54753	1.39%	0.181%
181	18.335	18.308	18.361	VV	3017	51761	1.31%	0.171%
182	18.425	18.361	18.458	VV	19899	436706	11.06%	1.445%
183	18.486	18.458	18.555	VV	24701	467862	11.85%	1.548%
184	18.579	18.555	18.707	VV	4173	138137	3.50%	0.457%
185	18.751	18.707	18.818	VV	4076	121901	3.09%	0.403%
186	18.892	18.818	18.948	VV	11736	431929	10.94%	1.429%
187	18.996	18.948	19.065	VV	13659	348433	8.83%	1.153%
188	19.085	19.065	19.125	VV	4205	73804	1.87%	0.244%
189	19.170	19.125	19.184	VV	2209	44563	1.13%	0.147%
190	19.253	19.184	19.278	VV	31002	670157	16.98%	2.218%
191	19.293	19.278	19.342	VV	18352	403580	10.23%	1.336%
192	19.419	19.342	19.495	VV	15132	727903	18.44%	2.409%
193	19.531	19.495	19.567	VV	4958	188913	4.79%	0.625%
194	19.585	19.567	19.626	VV	3759	101238	2.57%	0.335%

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195	19.681	19.626	19.702	VV	6046	178135	4.51%	0.590%
196	19.740	19.702	19.761	VV	9974	239057	6.06%	0.791%
197	19.789	19.761	19.828	VV	19138	373809	9.47%	1.237%
198	19.855	19.828	19.871	VV	4299	96958	2.46%	0.321%
199	19.976	19.871	20.003	VV	13232	538598	13.65%	1.782%
200	20.036	20.003	20.121	VV	13070	626600	15.88%	2.074%
201	20.172	20.121	20.218	VV	7158	344493	8.73%	1.140%
202	20.244	20.218	20.272	VV	6169	181735	4.60%	0.601%
203	20.301	20.272	20.335	VV	8373	281860	7.14%	0.933%
204	20.349	20.335	20.398	VV	8110	274176	6.95%	0.907%
205	20.470	20.398	20.508	VV	16003	639044	16.19%	2.115%
206	20.537	20.508	20.559	VV	10768	265278	6.72%	0.878%
207	20.579	20.559	20.622	VV	9315	298051	7.55%	0.986%
208	20.779	20.622	20.847	VV	12493	1301593	32.98%	4.308%
209	20.889	20.847	20.912	VV	9950	377396	9.56%	1.249%
210	20.949	20.912	21.005	VV	19403	719690	18.23%	2.382%
211	21.061	21.005	21.117	VV	9609	610338	15.46%	2.020%
212	21.150	21.117	21.285	VV	9689	741218	18.78%	2.453%
213	21.309	21.285	21.335	VV	6233	183991	4.66%	0.609%
214	21.377	21.335	21.438	VV	6075	350828	8.89%	1.161%
215	21.492	21.438	21.548	VV	13787	532330	13.49%	1.762%
216	21.592	21.548	21.628	VV	5283	236616	6.00%	0.783%
217	21.660	21.628	21.747	VV	5210	327010	8.29%	1.082%
218	21.825	21.747	21.894	VV	3863	316273	8.01%	1.047%
219	21.914	21.894	21.989	VV	3060	150922	3.82%	0.499%
220	22.131	21.989	22.198	VV	9938	548089	13.89%	1.814%
221	22.222	22.198	22.402	VBA	2575	177148	4.49%	0.586%
Sum of corrected areas:						30216361		

Aliphatic EPH 051225.M Sat May 17 01:54:35 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	3	SDG No.:	Q2003
Lab Sample ID:	Q2003-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.09 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 13:57	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	7.97		1	1.05	4.61	mg/kg	FG015848.D
Total EPH	Total EPH	7.97			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:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	3	SDG No.:	Q2003
Lab Sample ID:	Q2003-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.09 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
FG015848.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	7.97		1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.9		1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.6		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-05	Acq On:	16 May 2025 13:57
Client Sample ID:	3	Operator:	YP\AJ
Data file:	FG015848.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	516725	4.552	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1256368	10.763	200	ug/ml
Aliphatic C16-C21	10.227	13.601	4530747	37.077	300	ug/ml
Aliphatic C21-C28	13.602	17.272	6151670	51.202	400	ug/ml
Aliphatic C28-C40	17.273	22.179	15667866	141.876	600	ug/ml
Aliphatic EPH	3.136	22.179	28123376	245.47		ug/ml
ortho-Terphenyl (SURR)	11.889	11.889	4555535	30.6		ug/ml
1-chlorooctadecane (SURR)	13.335	13.335	3642285	31.62		ug/ml
Aliphatic C9-C28	3.136	17.272	12455510	103.594	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015848.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 13:57
 Operator : YP\AJ
 Sample : Q2003-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 3

Integration File: autoint1.e
 Quant Time: May 17 00:42:27 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)	11.889	4555535	30.597 ug/ml
Spiked Amount	50.000	Recovery	= 61.19%
12) S 1-chlorooctadecane (S...	13.335	3642285	31.617 ug/ml
Spiked Amount	50.000	Recovery	= 63.23%

Target Compounds

(f)=RT Delta > 1/2 Window

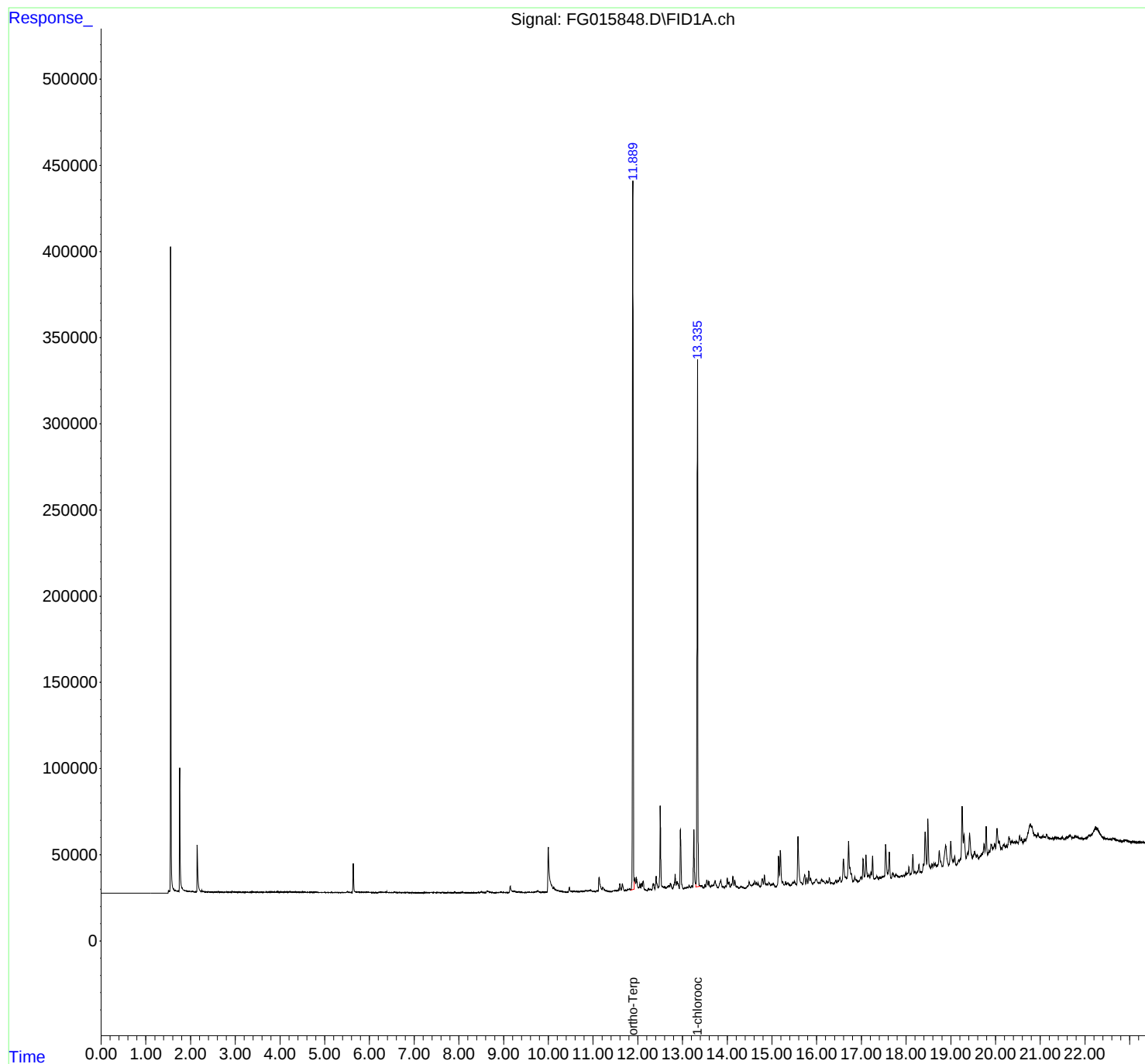
(m)=manual int.

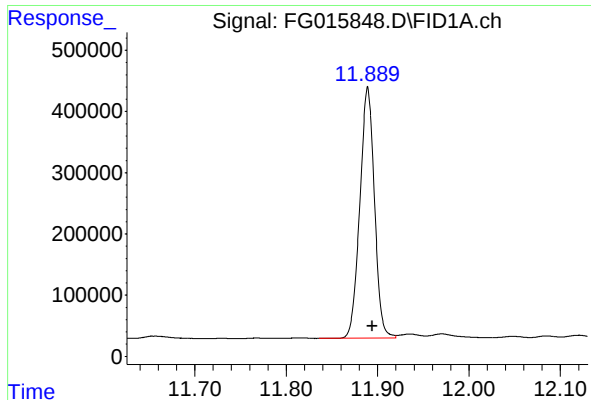
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015848.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 13:57
Operator : YP\AJ
Sample : Q2003-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
3

Integration File: autoint1.e
Quant Time: May 17 00:42:27 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

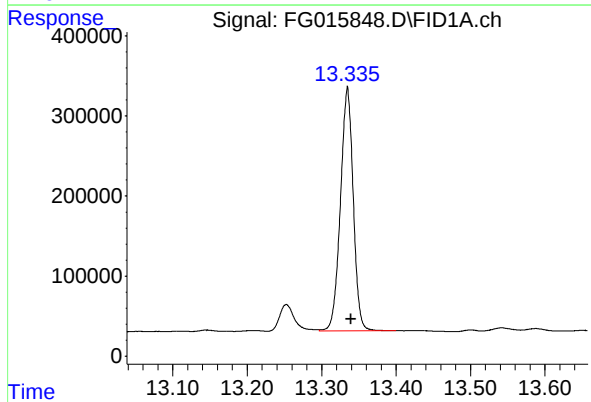




#9 ortho-Terphenyl (SURR)

R.T.: 11.889 min
Delta R.T.: -0.005 min
Response: 4555535
Conc: 30.60 ug/ml

Instrument :
FID_G
ClientSampleId :
3



#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 3642285
Conc: 31.62 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015848.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 13:57
Sample : Q2003-05
Misc :
ALS Vial : 26 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	3.268	BV	161	2180	0.05%	0.006%
2	3.280	3.268	3.342	PV	76	1529	0.03%	0.004%
3	3.362	3.342	3.380	PV	114	1264	0.03%	0.003%
4	3.409	3.380	3.433	VV	117	2149	0.05%	0.006%
5	3.449	3.433	3.530	VV	136	4788	0.10%	0.013%
6	3.550	3.530	3.617	VV	126	3363	0.07%	0.009%
7	3.630	3.617	3.649	VV	90	1210	0.03%	0.003%
8	3.691	3.649	3.705	VV	138	2943	0.06%	0.008%
9	3.766	3.705	3.795	VV	144	4702	0.10%	0.013%
10	3.835	3.795	3.849	VV	178	4091	0.09%	0.011%
11	3.868	3.849	3.898	VV	194	3477	0.08%	0.009%
12	3.928	3.898	4.005	VV	271	9153	0.20%	0.025%
13	4.032	4.005	4.045	VV	202	3536	0.08%	0.010%
14	4.073	4.045	4.088	VV	240	4414	0.10%	0.012%
15	4.225	4.088	4.238	VV	324	17701	0.38%	0.048%
16	4.240	4.238	4.282	VV	315	6438	0.14%	0.017%
17	4.312	4.282	4.385	VV	288	12362	0.27%	0.033%
18	4.392	4.385	4.445	VV	227	6472	0.14%	0.017%
19	4.497	4.445	4.521	VV	444	11194	0.24%	0.030%
20	4.537	4.521	4.605	VV	358	10001	0.22%	0.027%
21	4.620	4.605	4.651	VV	251	4177	0.09%	0.011%
22	4.670	4.651	4.731	VV	206	6070	0.13%	0.016%
23	4.739	4.731	4.748	VV	188	1461	0.03%	0.004%
24	4.752	4.748	4.761	VV	160	1052	0.02%	0.003%
25	4.780	4.761	4.811	VV	194	3898	0.08%	0.010%
26	4.826	4.811	4.845	VV	101	1842	0.04%	0.005%
27	4.849	4.845	4.889	VV	103	1769	0.04%	0.005%
28	4.930	4.889	4.984	VV	112	4210	0.09%	0.011%
29	5.001	4.984	5.040	VV	149	3463	0.08%	0.009%
30	5.050	5.040	5.065	VV	108	1182	0.03%	0.003%
31	5.075	5.065	5.092	VV	115	1126	0.02%	0.003%
32	5.102	5.092	5.108	VV	94	694	0.02%	0.002%
33	5.117	5.108	5.145	VV	129	1901	0.04%	0.005%
34	5.158	5.145	5.198	VV	166	3090	0.07%	0.008%
35	5.203	5.198	5.238	VV	106	1784	0.04%	0.005%
36	5.253	5.238	5.281	VV	114	2459	0.05%	0.007%

					rteres			
37	5.289	5.281	5.309	VV	125	1601	0.03%	0.004%
38	5.319	5.309	5.324	VV	94	785	0.02%	0.002%
39	5.331	5.324	5.377	VV	132	2971	0.06%	0.008%
40	5.387	5.377	5.437	VV	163	3351	0.07%	0.009%
41	5.456	5.437	5.483	VV	156	3253	0.07%	0.009%
42	5.503	5.483	5.546	VV	595	11043	0.24%	0.030%
43	5.554	5.546	5.574	VV	188	2098	0.05%	0.006%
44	5.582	5.574	5.607	VV	118	1865	0.04%	0.005%
45	5.639	5.607	5.741	VV	16802	202694	4.40%	0.546%
46	5.752	5.741	5.780	VV	356	6864	0.15%	0.018%
47	5.799	5.780	5.900	VV	297	17549	0.38%	0.047%
48	5.911	5.900	5.922	VV	217	2698	0.06%	0.007%
49	5.944	5.922	5.975	VV	271	7310	0.16%	0.020%
50	5.977	5.975	6.086	VV	248	9907	0.22%	0.027%
51	6.106	6.086	6.135	VV	166	3219	0.07%	0.009%
52	6.146	6.135	6.152	VV	127	930	0.02%	0.003%
53	6.247	6.152	6.298	VV	344	18784	0.41%	0.051%
54	6.304	6.298	6.367	VV	293	10426	0.23%	0.028%
55	6.390	6.367	6.445	VV	463	12674	0.28%	0.034%
56	6.460	6.445	6.479	VV	216	3995	0.09%	0.011%
57	6.485	6.479	6.521	VV	210	3448	0.07%	0.009%
58	6.558	6.521	6.658	VV	457	17869	0.39%	0.048%
59	6.676	6.658	6.708	VV	302	5650	0.12%	0.015%
60	6.719	6.708	6.727	VV	217	2057	0.04%	0.006%
61	6.747	6.727	6.817	VV	257	10539	0.23%	0.028%
62	6.832	6.817	6.888	VV	231	6573	0.14%	0.018%
63	6.949	6.888	6.978	VV	149	5507	0.12%	0.015%
64	7.014	6.978	7.024	VV	143	2555	0.06%	0.007%
65	7.040	7.024	7.051	VV	99	1074	0.02%	0.003%
66	7.059	7.051	7.075	PV	89	959	0.02%	0.003%
67	7.083	7.075	7.110	VV	95	1443	0.03%	0.004%
68	7.168	7.110	7.198	VV	114	3633	0.08%	0.010%
69	7.260	7.198	7.291	VV	230	9585	0.21%	0.026%
70	7.304	7.291	7.320	VV	234	3240	0.07%	0.009%
71	7.397	7.320	7.442	VV	342	17740	0.39%	0.048%
72	7.465	7.442	7.522	VV	254	9833	0.21%	0.026%
73	7.557	7.522	7.595	VV	232	7072	0.15%	0.019%
74	7.628	7.595	7.727	VV	334	9301	0.20%	0.025%
75	7.752	7.727	7.765	VV	215	2518	0.05%	0.007%
76	7.768	7.765	7.788	VV	160	1740	0.04%	0.005%
77	7.795	7.788	7.842	VV	143	3173	0.07%	0.009%
78	7.854	7.842	7.871	VV	91	1009	0.02%	0.003%
79	7.909	7.871	7.952	VV	656	10295	0.22%	0.028%
80	7.960	7.952	7.979	VV	147	1192	0.03%	0.003%
81	7.993	7.979	8.019	PV	78	1148	0.02%	0.003%
82	8.052	8.019	8.064	VV	228	3369	0.07%	0.009%
83	8.082	8.064	8.143	VV	632	10256	0.22%	0.028%
84	8.155	8.143	8.175	VV	80	1300	0.03%	0.003%
85	8.230	8.175	8.261	VV	135	3899	0.08%	0.010%
86	8.265	8.261	8.272	VV	107	521	0.01%	0.001%
87	8.280	8.272	8.317	VV	88	1517	0.03%	0.004%
88	8.358	8.317	8.384	VV	142	3698	0.08%	0.010%
89	8.448	8.384	8.465	VV	215	6425	0.14%	0.017%

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90	8.484	8.465	8.498	VV	377	5917	0.13%	0.016%
91	8.513	8.498	8.580	VV	680	14359	0.31%	0.039%
92	8.637	8.580	8.744	VV	1028	40164	0.87%	0.108%
93	8.757	8.744	8.825	VV	156	3132	0.07%	0.008%
94	8.871	8.825	8.911	PV	200	5641	0.12%	0.015%
95	8.928	8.911	8.979	VV	442	11260	0.24%	0.030%
96	9.004	8.979	9.039	VV	305	7765	0.17%	0.021%
97	9.055	9.039	9.095	VV	310	5377	0.12%	0.014%
98	9.102	9.095	9.111	VV	105	794	0.02%	0.002%
99	9.150	9.111	9.220	VV	3813	88014	1.91%	0.237%
100	9.242	9.220	9.317	VV	1104	34749	0.75%	0.094%
101	9.342	9.317	9.370	VV	758	13226	0.29%	0.036%
102	9.387	9.370	9.450	VV	429	9152	0.20%	0.025%
103	9.497	9.450	9.514	PV	308	4518	0.10%	0.012%
104	9.532	9.514	9.553	VV	251	4324	0.09%	0.012%
105	9.570	9.553	9.612	VV	401	7358	0.16%	0.020%
106	9.636	9.612	9.655	VV	173	3250	0.07%	0.009%
107	9.676	9.655	9.691	VV	346	5095	0.11%	0.014%
108	9.733	9.691	9.748	VV	590	15226	0.33%	0.041%
109	9.768	9.748	9.834	VV	1263	25528	0.55%	0.069%
110	9.874	9.834	9.929	VV	262	9051	0.20%	0.024%
111	9.957	9.929	9.975	VV	274	3783	0.08%	0.010%
112	10.001	9.975	10.108	VV	26106	652969	14.18%	1.758%
113	10.123	10.108	10.363	VV	2996	155141	3.37%	0.418%
114	10.373	10.363	10.385	VV	174	2012	0.04%	0.005%
115	10.404	10.385	10.426	VV	162	2375	0.05%	0.006%
116	10.470	10.426	10.535	VV	2805	52828	1.15%	0.142%
117	10.567	10.535	10.628	VV	660	23459	0.51%	0.063%
118	10.646	10.628	10.676	VV	497	9541	0.21%	0.026%
119	10.719	10.676	10.768	VV	648	19941	0.43%	0.054%
120	10.789	10.768	10.805	VV	549	8604	0.19%	0.023%
121	10.828	10.805	10.847	VV	912	16450	0.36%	0.044%
122	10.865	10.847	10.886	VV	1104	18727	0.41%	0.050%
123	10.899	10.886	10.914	VV	702	10730	0.23%	0.029%
124	10.937	10.914	11.028	VV	1148	40656	0.88%	0.109%
125	11.089	11.028	11.109	VV	818	18752	0.41%	0.050%
126	11.135	11.109	11.197	VV	8418	196870	4.27%	0.530%
127	11.218	11.197	11.360	VV	2643	97134	2.11%	0.261%
128	11.376	11.360	11.418	VV	159	3436	0.07%	0.009%
129	11.504	11.418	11.521	PV	699	28676	0.62%	0.077%
130	11.544	11.521	11.554	VV	711	12008	0.26%	0.032%
131	11.571	11.554	11.581	VV	1352	15952	0.35%	0.043%
132	11.599	11.581	11.631	VV	4600	68812	1.49%	0.185%
133	11.656	11.631	11.711	VV	4480	98387	2.14%	0.265%
134	11.730	11.711	11.747	VV	825	12287	0.27%	0.033%
135	11.768	11.747	11.782	VV	1276	18221	0.40%	0.049%
136	11.816	11.782	11.833	VV	1627	34829	0.76%	0.094%
137	11.889	11.833	11.922	VV	407293	4606144	100.00%	12.400%
138	11.935	11.922	11.953	VV	7798	119783	2.60%	0.322%
139	11.970	11.953	12.023	VV	8088	181966	3.95%	0.490%
140	12.048	12.023	12.067	VV	4022	72391	1.57%	0.195%
141	12.085	12.067	12.101	VV	4481	68601	1.49%	0.185%

					rteres			
142	12.120	12.101	12.205	VV	5700	115477	2.51%	0.311%
143	12.243	12.205	12.259	VV	1422	24128	0.52%	0.065%
144	12.277	12.259	12.308	VV	991	21779	0.47%	0.059%
145	12.349	12.308	12.386	VV	4128	102333	2.22%	0.275%
146	12.410	12.386	12.457	VV	8326	167683	3.64%	0.451%
147	12.503	12.457	12.578	VV	49015	718905	15.61%	1.935%
148	12.593	12.578	12.643	VV	2142	65019	1.41%	0.175%
149	12.700	12.643	12.713	VV	2783	89713	1.95%	0.242%
150	12.730	12.713	12.780	VV	4089	96922	2.10%	0.261%
151	12.835	12.780	12.856	VV	9144	181820	3.95%	0.489%
152	12.877	12.856	12.927	VV	5005	144870	3.15%	0.390%
153	12.954	12.927	13.020	VV	34881	543038	11.79%	1.462%
154	13.055	13.020	13.068	VV	1312	27346	0.59%	0.074%
155	13.112	13.068	13.125	VV	1486	42271	0.92%	0.114%
156	13.146	13.125	13.182	VV	2822	61039	1.33%	0.164%
157	13.210	13.182	13.226	VV	2280	45582	0.99%	0.123%
158	13.253	13.226	13.297	VV	34721	525509	11.41%	1.415%
159	13.335	13.297	13.411	VV	304608	3759514	81.62%	10.121%
160	13.431	13.411	13.479	VV	2107	60870	1.32%	0.164%
161	13.500	13.479	13.515	VV	2859	39749	0.86%	0.107%
162	13.542	13.515	13.567	VV	5452	111974	2.43%	0.301%
163	13.587	13.567	13.619	VV	4510	91292	1.98%	0.246%
164	13.650	13.619	13.665	VV	2274	46446	1.01%	0.125%
165	13.685	13.665	13.701	VV	2270	44473	0.97%	0.120%
166	13.729	13.701	13.789	VV	4966	145601	3.16%	0.392%
167	13.854	13.789	13.897	VV	4628	162112	3.52%	0.436%
168	13.912	13.897	13.933	VV	1481	23873	0.52%	0.064%
169	13.962	13.933	13.976	VV	1728	31386	0.68%	0.084%
170	14.000	13.976	14.021	VV	6242	100746	2.19%	0.271%
171	14.038	14.021	14.067	VV	3825	69868	1.52%	0.188%
172	14.126	14.067	14.150	VV	7153	162139	3.52%	0.436%
173	14.169	14.150	14.274	VV	4719	113975	2.47%	0.307%
174	14.301	14.274	14.312	VV	962	14297	0.31%	0.038%
175	14.321	14.312	14.394	VV	985	23578	0.51%	0.063%
176	14.406	14.394	14.418	VV	229	1983	0.04%	0.005%
177	14.490	14.418	14.538	PV	3565	111290	2.42%	0.300%
178	14.615	14.538	14.636	VV	3810	127017	2.76%	0.342%
179	14.652	14.636	14.671	VV	3187	49362	1.07%	0.133%
180	14.689	14.671	14.739	VV	2798	60912	1.32%	0.164%
181	14.780	14.739	14.808	VV	4978	115650	2.51%	0.311%
182	14.831	14.808	14.878	VV	7136	144824	3.14%	0.390%
183	14.894	14.878	14.910	VV	1953	31635	0.69%	0.085%
184	14.929	14.910	14.973	VV	2602	70733	1.54%	0.190%
185	14.992	14.973	15.009	VV	1737	28738	0.62%	0.077%
186	15.030	15.009	15.091	VV	2199	47029	1.02%	0.127%
187	15.147	15.091	15.167	PV	17352	270266	5.87%	0.728%
188	15.188	15.167	15.228	VV	20840	375190	8.15%	1.010%
189	15.241	15.228	15.275	VV	2904	52131	1.13%	0.140%
190	15.305	15.275	15.328	VV	2730	52616	1.14%	0.142%
191	15.354	15.328	15.411	VV	2016	57263	1.24%	0.154%
192	15.501	15.411	15.548	VV	2689	114646	2.49%	0.309%
193	15.580	15.548	15.686	VV	28063	589897	12.81%	1.588%
194	15.733	15.686	15.755	VV	6012	133518	2.90%	0.359%

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195	15.779	15.755	15.801	VV	4211	70484	1.53%	0.190%
196	15.825	15.801	15.849	VV	8030	130008	2.82%	0.350%
197	15.863	15.849	15.906	VV	3941	77848	1.69%	0.210%
198	15.934	15.906	15.947	VV	1511	25506	0.55%	0.069%
199	15.990	15.947	16.038	VV	3179	112191	2.44%	0.302%
200	16.057	16.038	16.077	VV	1000	19797	0.43%	0.053%
201	16.115	16.077	16.139	VV	2750	72092	1.57%	0.194%
202	16.153	16.139	16.197	VV	1946	42210	0.92%	0.114%
203	16.219	16.197	16.256	VV	2053	40770	0.89%	0.110%
204	16.283	16.256	16.312	VV	3511	57662	1.25%	0.155%
205	16.326	16.312	16.372	VV	576	12193	0.26%	0.033%
206	16.425	16.372	16.448	PV	1900	35155	0.76%	0.095%
207	16.472	16.448	16.488	VV	1567	25806	0.56%	0.069%
208	16.517	16.488	16.551	VV	3106	73369	1.59%	0.198%
209	16.597	16.551	16.667	VV	13743	361126	7.84%	0.972%
210	16.713	16.667	16.764	VV	23820	555069	12.05%	1.494%
211	16.773	16.764	16.821	VV	5093	82688	1.80%	0.223%
212	16.851	16.821	16.931	VV	3013	68915	1.50%	0.186%
213	16.992	16.931	17.011	PV	2653	56509	1.23%	0.152%
214	17.037	17.011	17.068	VV	12884	210664	4.57%	0.567%
215	17.101	17.068	17.148	VV	15007	301645	6.55%	0.812%
216	17.170	17.148	17.187	VV	3439	63166	1.37%	0.170%
217	17.213	17.187	17.227	VV	4871	83668	1.82%	0.225%
218	17.249	17.227	17.284	VV	14015	199935	4.34%	0.538%
219	17.346	17.284	17.387	VV	1956	61975	1.35%	0.167%
220	17.424	17.387	17.443	VV	998	28903	0.63%	0.078%
221	17.466	17.443	17.479	VV	1329	23557	0.51%	0.063%
222	17.541	17.479	17.585	VV	19767	413929	8.99%	1.114%
223	17.623	17.585	17.668	VV	15415	274483	5.96%	0.739%
224	17.702	17.668	17.745	VV	3074	74849	1.62%	0.201%
225	17.769	17.745	17.851	VV	1468	56721	1.23%	0.153%
226	17.887	17.851	17.925	PV	768	15953	0.35%	0.043%
227	17.951	17.925	17.968	VV	566	9987	0.22%	0.027%
228	17.992	17.968	18.015	VV	1484	29560	0.64%	0.080%
229	18.061	18.015	18.095	VV	4880	94541	2.05%	0.255%
230	18.150	18.095	18.178	VV	11618	189214	4.11%	0.509%
231	18.198	18.178	18.221	VV	1599	26635	0.58%	0.072%
232	18.286	18.221	18.318	VV	5161	109484	2.38%	0.295%
233	18.336	18.318	18.354	VV	737	11985	0.26%	0.032%
234	18.388	18.354	18.397	VV	5041	73450	1.59%	0.198%
235	18.425	18.397	18.460	VV	23441	478999	10.40%	1.289%
236	18.486	18.460	18.548	VV	30696	543361	11.80%	1.463%
237	18.578	18.548	18.599	VV	4184	88556	1.92%	0.238%
238	18.621	18.599	18.637	VV	4115	75084	1.63%	0.202%
239	18.651	18.637	18.688	VV	3596	88255	1.92%	0.238%
240	18.740	18.688	18.808	VV	10768	337811	7.33%	0.909%
241	18.884	18.808	18.948	VV	12925	517362	11.23%	1.393%
242	18.998	18.948	19.036	VV	14921	344430	7.48%	0.927%
243	19.046	19.036	19.065	VV	4111	65625	1.42%	0.177%
244	19.086	19.065	19.114	VV	6094	102944	2.23%	0.277%
245	19.173	19.114	19.191	VV	3455	84851	1.84%	0.228%
246	19.252	19.191	19.279	VV	33924	719859	15.63%	1.938%

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247	19.295	19.279	19.342	VV	17304	402134	8.73%	1.083%
248	19.379	19.342	19.388	VV	6510	145712	3.16%	0.392%
249	19.419	19.388	19.481	VV	17218	503678	10.93%	1.356%
250	19.531	19.481	19.570	VV	6201	237738	5.16%	0.640%
251	19.589	19.570	19.631	VV	4352	111434	2.42%	0.300%
252	19.742	19.631	19.763	VV	9780	370571	8.05%	0.998%
253	19.790	19.763	19.819	VV	19607	354638	7.70%	0.955%
254	19.829	19.819	19.834	VV	4015	32542	0.71%	0.088%
255	19.857	19.834	19.873	VV	5182	106150	2.30%	0.286%
256	19.903	19.873	19.941	VV	8581	282603	6.14%	0.761%
257	19.978	19.941	20.002	VV	8652	259133	5.63%	0.698%
258	20.032	20.002	20.070	VV	17129	475437	10.32%	1.280%
259	20.084	20.070	20.147	VV	9672	309512	6.72%	0.833%
260	20.182	20.147	20.224	VV	7130	286227	6.21%	0.771%
261	20.243	20.224	20.268	VV	6264	153644	3.34%	0.414%
262	20.299	20.268	20.337	VV	10915	361099	7.84%	0.972%
263	20.355	20.337	20.364	VV	7855	121764	2.64%	0.328%
264	20.378	20.364	20.398	VV	7893	155451	3.37%	0.418%
265	20.422	20.398	20.444	VV	7695	198844	4.32%	0.535%
266	20.472	20.444	20.504	VV	7562	249984	5.43%	0.673%
267	20.537	20.504	20.560	VV	10432	280850	6.10%	0.756%
268	20.579	20.560	20.613	VV	8334	234162	5.08%	0.630%
269	20.653	20.613	20.660	VV	7261	193934	4.21%	0.522%
270	20.775	20.660	20.918	VV	15772	1712399	37.18%	4.610%
271	20.946	20.918	20.991	VV	9297	361774	7.85%	0.974%
272	21.002	20.991	21.014	VV	7291	97690	2.12%	0.263%
273	21.062	21.014	21.085	VV	7689	311421	6.76%	0.838%
274	21.094	21.085	21.116	VV	6900	126595	2.75%	0.341%
275	21.144	21.116	21.265	VV	8277	544609	11.82%	1.466%
276	21.318	21.265	21.330	VV	5174	194259	4.22%	0.523%
277	21.363	21.330	21.427	VV	5217	280730	6.09%	0.756%
278	21.439	21.427	21.451	VV	4289	60507	1.31%	0.163%
279	21.494	21.451	21.527	VV	4787	191651	4.16%	0.516%
280	21.588	21.527	21.601	VV	4086	163733	3.55%	0.441%
281	21.605	21.601	21.618	VV	4141	39279	0.85%	0.106%
282	21.663	21.618	21.712	VV	4793	234810	5.10%	0.632%
283	21.783	21.712	21.895	VV	3797	334453	7.26%	0.900%
284	21.923	21.895	21.957	VV	2088	68413	1.49%	0.184%
285	21.968	21.957	21.974	VV	1479	14793	0.32%	0.040%
286	22.015	21.974	22.028	VV	1594	48333	1.05%	0.130%
287	22.086	22.028	22.113	VV	3014	112813	2.45%	0.304%
288	22.248	22.113	22.401	VBA	6298	657870	14.28%	1.771%
Sum of corrected areas:							37146905	

Aliphatic EPH 051225.M Sat May 17 01:55:12 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	4	SDG No.:	Q2003
Lab Sample ID:	Q2003-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
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 14:27	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.25		1	1.05	4.60	mg/kg	FG015849.D
Total EPH	Total EPH	5.25			1.05	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:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	4	SDG No.:	Q2003
Lab Sample ID:	Q2003-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
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
FG015849.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	5.25		1.05	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.91		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.1		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.3		40 - 140	73%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-06	Acq On:	16 May 2025 14:27
Client Sample ID:	4	Operator:	YP\AJ
Data file:	FG015849.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	763627	6.727	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1267598	10.86	200	ug/ml
Aliphatic C16-C21	10.227	13.601	2667740	21.831	300	ug/ml
Aliphatic C21-C28	13.602	17.272	3498357	29.118	400	ug/ml
Aliphatic C28-C40	17.273	22.179	14274949	129.263	600	ug/ml
Aliphatic EPH	3.136	22.179	22472271	197.798		ug/ml
ortho-Terphenyl (SURR)	11.890	11.890	5408040	36.32		ug/ml
1-chlorooctadecane (SURR)	13.334	13.334	4278689	37.14		ug/ml
Aliphatic C9-C28	3.136	17.272	8197322	68.536	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015849.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 14:27
 Operator : YP\AJ
 Sample : Q2003-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 4

Integration File: autoint1.e
 Quant Time: May 17 00:42:40 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	5408040	36.323 ug/ml
Spiked Amount	50.000	Recovery	= 72.65%
12) S 1-chlorooctadecane (S...	13.334	4278689	37.141 ug/ml
Spiked Amount	50.000	Recovery	= 74.28%

Target Compounds

(f)=RT Delta > 1/2 Window

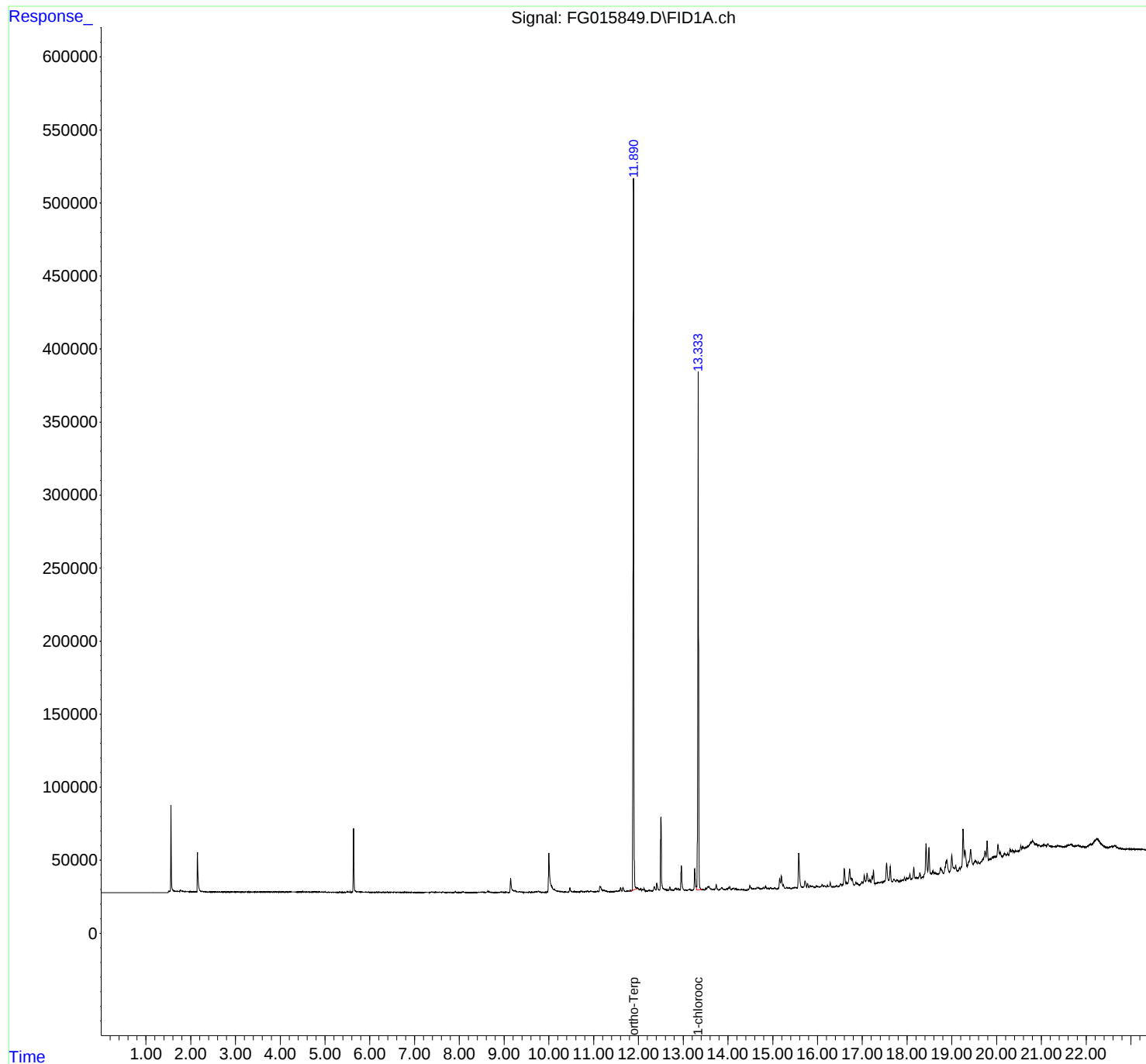
(m)=manual int.

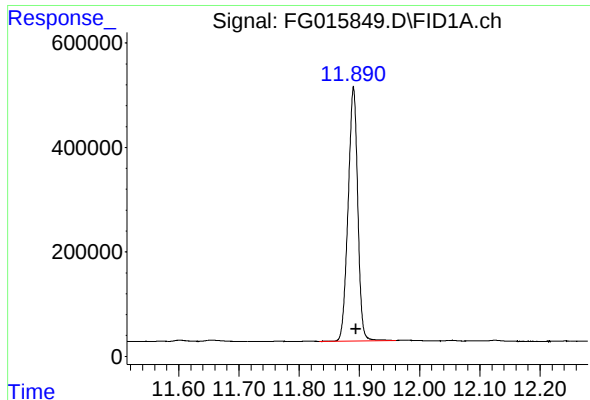
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015849.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 14:27
Operator : YP\AJ
Sample : Q2003-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
4

Integration File: autoint1.e
Quant Time: May 17 00:42:40 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

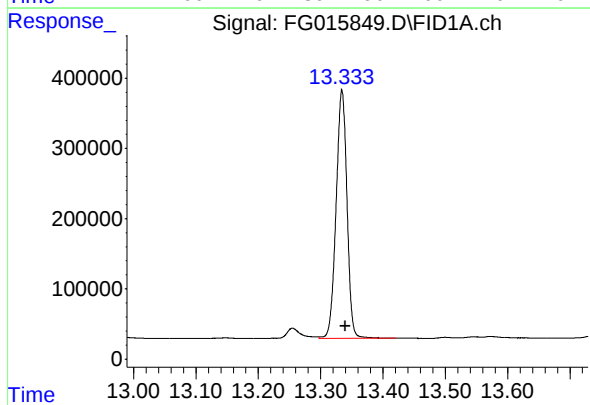




#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.004 min
Response: 5408040
Conc: 36.32 ug/ml

Instrument :
FID_G
ClientSampleId :
4



#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.005 min
Response: 4278689
Conc: 37.14 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015849.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 14:27
 Sample : Q2003-06
 Misc :
 ALS Vial : 27 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	3.279	BV	63	857	0.02%	0.003%
2	3.291	3.279	3.322	PV	122	995	0.02%	0.003%
3	3.332	3.322	3.338	PV	35	265	0.00%	0.001%
4	3.374	3.338	3.408	PV	120	3424	0.06%	0.010%
5	3.412	3.408	3.422	VV	117	621	0.01%	0.002%
6	3.425	3.422	3.433	VV	99	473	0.01%	0.001%
7	3.438	3.433	3.444	VV	64	489	0.01%	0.001%
8	3.459	3.444	3.466	VV	128	1232	0.02%	0.004%
9	3.475	3.466	3.483	VV	123	985	0.02%	0.003%
10	3.548	3.483	3.581	VV	139	4640	0.08%	0.014%
11	3.597	3.581	3.620	VV	83	1715	0.03%	0.005%
12	3.661	3.620	3.670	VV	104	1804	0.03%	0.005%
13	3.687	3.670	3.721	VV	153	2699	0.05%	0.008%
14	3.732	3.721	3.756	VV	105	1488	0.03%	0.005%
15	3.778	3.756	3.818	VV	126	2335	0.04%	0.007%
16	3.829	3.818	3.846	VV	143	1604	0.03%	0.005%
17	3.855	3.846	3.866	VV	104	936	0.02%	0.003%
18	3.874	3.866	3.895	VV	72	1091	0.02%	0.003%
19	3.934	3.895	3.978	VV	196	4859	0.09%	0.015%
20	3.983	3.978	3.988	VV	92	409	0.01%	0.001%
21	3.995	3.988	4.017	VV	96	1055	0.02%	0.003%
22	4.035	4.017	4.050	VV	143	2005	0.04%	0.006%
23	4.064	4.050	4.118	VV	203	5042	0.09%	0.015%
24	4.126	4.118	4.131	VV	129	900	0.02%	0.003%
25	4.147	4.131	4.165	VV	178	2580	0.05%	0.008%
26	4.221	4.165	4.236	VV	338	8585	0.16%	0.026%
27	4.240	4.236	4.352	VV	295	14615	0.27%	0.044%
28	4.360	4.352	4.464	VV	187	10430	0.19%	0.032%
29	4.498	4.464	4.525	VV	592	10254	0.19%	0.031%
30	4.533	4.525	4.556	VV	290	4110	0.07%	0.012%
31	4.564	4.556	4.588	VV	189	3182	0.06%	0.010%
32	4.616	4.588	4.651	VV	242	6327	0.11%	0.019%
33	4.671	4.651	4.723	VV	212	7159	0.13%	0.022%
34	4.748	4.723	4.870	VV	232	12979	0.24%	0.039%
35	4.880	4.870	4.911	VV	150	2732	0.05%	0.008%
36	4.925	4.911	4.945	VV	166	2238	0.04%	0.007%

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37	5.002	4.945	5.072	VV	155	7770	0.14%	0.024%
38	5.077	5.072	5.106	VV	116	1486	0.03%	0.005%
39	5.124	5.106	5.138	VV	141	1695	0.03%	0.005%
40	5.164	5.138	5.189	VV	124	2273	0.04%	0.007%
41	5.210	5.189	5.241	VV	79	1523	0.03%	0.005%
42	5.249	5.241	5.274	VV	98	1078	0.02%	0.003%
43	5.293	5.274	5.307	VV	87	1381	0.03%	0.004%
44	5.368	5.307	5.378	VV	124	3027	0.05%	0.009%
45	5.396	5.378	5.428	VV	92	1935	0.04%	0.006%
46	5.504	5.428	5.593	VV	546	17795	0.32%	0.054%
47	5.639	5.593	5.818	VV	43619	505240	9.16%	1.532%
48	5.828	5.818	5.853	VV	303	4648	0.08%	0.014%
49	5.861	5.853	5.869	VV	194	1819	0.03%	0.006%
50	5.876	5.869	5.895	VV	203	2806	0.05%	0.009%
51	5.918	5.895	5.947	VV	248	6070	0.11%	0.018%
52	5.961	5.947	6.078	VV	209	10302	0.19%	0.031%
53	6.107	6.078	6.138	VV	119	2946	0.05%	0.009%
54	6.161	6.138	6.192	VV	191	3040	0.06%	0.009%
55	6.229	6.192	6.257	VV	196	5189	0.09%	0.016%
56	6.274	6.257	6.311	VV	198	5237	0.09%	0.016%
57	6.321	6.311	6.336	VV	209	2672	0.05%	0.008%
58	6.349	6.336	6.372	VV	201	3739	0.07%	0.011%
59	6.389	6.372	6.425	VV	317	6441	0.12%	0.020%
60	6.436	6.425	6.515	VV	180	6663	0.12%	0.020%
61	6.559	6.515	6.592	VV	412	10124	0.18%	0.031%
62	6.601	6.592	6.619	VV	153	1974	0.04%	0.006%
63	6.630	6.619	6.656	VV	151	2501	0.05%	0.008%
64	6.677	6.656	6.705	VV	210	3792	0.07%	0.011%
65	6.732	6.705	6.760	VV	241	5721	0.10%	0.017%
66	6.767	6.760	6.815	VV	216	5626	0.10%	0.017%
67	6.824	6.815	6.878	VV	193	5104	0.09%	0.015%
68	6.891	6.878	6.918	VV	141	2432	0.04%	0.007%
69	6.933	6.918	6.942	VV	110	1252	0.02%	0.004%
70	6.953	6.942	6.965	VV	105	1309	0.02%	0.004%
71	6.977	6.965	6.989	VV	119	1299	0.02%	0.004%
72	6.996	6.989	7.005	VV	91	756	0.01%	0.002%
73	7.017	7.005	7.035	VV	113	1285	0.02%	0.004%
74	7.054	7.035	7.112	VV	66	2360	0.04%	0.007%
75	7.131	7.112	7.168	PV	100	1603	0.03%	0.005%
76	7.252	7.168	7.285	VV	229	8375	0.15%	0.025%
77	7.295	7.285	7.305	VV	169	1642	0.03%	0.005%
78	7.313	7.305	7.335	VV	141	2047	0.04%	0.006%
79	7.376	7.335	7.433	VV	500	16181	0.29%	0.049%
80	7.456	7.433	7.518	VV	223	8131	0.15%	0.025%
81	7.524	7.518	7.605	VV	194	6656	0.12%	0.020%
82	7.628	7.605	7.685	VV	626	11011	0.20%	0.033%
83	7.698	7.685	7.709	VV	137	1238	0.02%	0.004%
84	7.716	7.709	7.728	VV	65	615	0.01%	0.002%
85	7.769	7.728	7.850	VV	158	7822	0.14%	0.024%
86	7.860	7.850	7.885	VV	108	1753	0.03%	0.005%
87	7.910	7.885	7.995	VV	680	13557	0.25%	0.041%
88	8.003	7.995	8.027	VV	111	1473	0.03%	0.004%
89	8.083	8.027	8.180	VV	782	17746	0.32%	0.054%

					rteres			
90	8.198	8.180	8.227	VV	78	1973	0.04%	0.006%
91	8.255	8.227	8.312	VV	101	3738	0.07%	0.011%
92	8.331	8.312	8.398	VV	119	4348	0.08%	0.013%
93	8.440	8.398	8.462	VV	193	5765	0.10%	0.017%
94	8.513	8.462	8.596	VV	519	20466	0.37%	0.062%
95	8.638	8.596	8.822	VV	879	36911	0.67%	0.112%
96	8.869	8.822	8.908	PV	156	5256	0.10%	0.016%
97	8.931	8.908	8.978	VV	330	9523	0.17%	0.029%
98	8.999	8.978	9.042	VV	294	7743	0.14%	0.023%
99	9.054	9.042	9.089	VV	268	4396	0.08%	0.013%
100	9.148	9.089	9.220	VV	9655	190949	3.46%	0.579%
101	9.243	9.220	9.320	VV	1457	48829	0.89%	0.148%
102	9.342	9.320	9.470	VV	684	23958	0.43%	0.073%
103	9.494	9.470	9.518	VV	136	3107	0.06%	0.009%
104	9.570	9.518	9.651	VV	361	11650	0.21%	0.035%
105	9.733	9.651	9.747	VV	526	18348	0.33%	0.056%
106	9.768	9.747	9.861	VV	1093	24154	0.44%	0.073%
107	9.882	9.861	9.934	VV	205	5131	0.09%	0.016%
108	10.002	9.934	10.265	PV	26459	725706	13.16%	2.200%
109	10.285	10.265	10.432	VV	489	23120	0.42%	0.070%
110	10.471	10.432	10.538	VV	2987	55893	1.01%	0.169%
111	10.567	10.538	10.628	VV	392	14929	0.27%	0.045%
112	10.645	10.628	10.695	VV	389	7805	0.14%	0.024%
113	10.718	10.695	10.782	VV	801	19953	0.36%	0.060%
114	10.788	10.782	10.805	VV	230	2513	0.05%	0.008%
115	10.830	10.805	10.847	VV	676	11510	0.21%	0.035%
116	10.866	10.847	10.892	VV	753	13599	0.25%	0.041%
117	10.937	10.892	11.038	VV	786	33706	0.61%	0.102%
118	11.090	11.038	11.111	VV	775	17045	0.31%	0.052%
119	11.144	11.111	11.205	VV	3736	119504	2.17%	0.362%
120	11.226	11.205	11.412	VV	1212	59377	1.08%	0.180%
121	11.506	11.412	11.532	PV	643	21583	0.39%	0.065%
122	11.603	11.532	11.635	VV	2731	61271	1.11%	0.186%
123	11.656	11.635	11.712	VV	2891	57523	1.04%	0.174%
124	11.732	11.712	11.747	VV	458	7072	0.13%	0.021%
125	11.768	11.747	11.795	VV	768	12628	0.23%	0.038%
126	11.890	11.795	11.959	VV	480335	5513242	100.00%	16.717%
127	11.975	11.959	12.035	VV	2699	85212	1.55%	0.258%
128	12.052	12.035	12.074	VV	2194	36497	0.66%	0.111%
129	12.091	12.074	12.108	VV	1530	26618	0.48%	0.081%
130	12.125	12.108	12.208	VV	2362	48877	0.89%	0.148%
131	12.242	12.208	12.313	VV	980	32018	0.58%	0.097%
132	12.354	12.313	12.388	VV	3107	70143	1.27%	0.213%
133	12.411	12.388	12.465	VV	5362	110911	2.01%	0.336%
134	12.502	12.465	12.652	VV	50368	743626	13.49%	2.255%
135	12.702	12.652	12.780	VV	2935	83771	1.52%	0.254%
136	12.837	12.780	12.862	VV	2194	62392	1.13%	0.189%
137	12.885	12.862	12.928	VV	1823	45594	0.83%	0.138%
138	12.958	12.928	13.079	VV	17209	311266	5.65%	0.944%
139	13.146	13.079	13.195	VV	1270	47069	0.85%	0.143%
140	13.256	13.195	13.298	VV	15011	259607	4.71%	0.787%
141	13.334	13.298	13.472	VV	355580	4351815	78.93%	13.195%

					rteres			
142	13.501	13.472	13.519	VV	1928	32859	0.60%	0.100%
143	13.573	13.519	13.648	VV	2997	132249	2.40%	0.401%
144	13.672	13.648	13.695	VV	794	20516	0.37%	0.062%
145	13.736	13.695	13.795	VV	4052	89526	1.62%	0.271%
146	13.862	13.795	13.938	VV	2004	79401	1.44%	0.241%
147	14.039	13.938	14.068	VV	2669	91384	1.66%	0.277%
148	14.129	14.068	14.156	VV	1660	55286	1.00%	0.168%
149	14.176	14.156	14.275	VV	1116	37683	0.68%	0.114%
150	14.302	14.275	14.415	VV	364	18655	0.34%	0.057%
151	14.488	14.415	14.545	PV	2894	77295	1.40%	0.234%
152	14.592	14.545	14.612	VV	799	27089	0.49%	0.082%
153	14.651	14.612	14.671	VV	1731	39623	0.72%	0.120%
154	14.689	14.671	14.742	VV	1392	36419	0.66%	0.110%
155	14.789	14.742	14.810	VV	1381	35369	0.64%	0.107%
156	14.837	14.810	14.875	VV	2205	50492	0.92%	0.153%
157	14.893	14.875	14.920	VV	946	19024	0.35%	0.058%
158	14.947	14.920	14.978	VV	1019	24727	0.45%	0.075%
159	14.998	14.978	15.018	VV	600	11161	0.20%	0.034%
160	15.041	15.018	15.092	VV	1080	23485	0.43%	0.071%
161	15.154	15.092	15.171	PV	6931	116479	2.11%	0.353%
162	15.192	15.171	15.277	VV	8743	213593	3.87%	0.648%
163	15.309	15.277	15.336	VV	1129	23032	0.42%	0.070%
164	15.360	15.336	15.418	VV	607	17419	0.32%	0.053%
165	15.502	15.418	15.545	VV	867	36083	0.65%	0.109%
166	15.580	15.545	15.685	VV	24145	481540	8.73%	1.460%
167	15.720	15.685	15.754	VV	5031	109292	1.98%	0.331%
168	15.778	15.754	15.808	VV	2972	52364	0.95%	0.159%
169	15.834	15.808	15.858	VV	1920	33173	0.60%	0.101%
170	15.884	15.858	15.947	VV	1095	39423	0.72%	0.120%
171	15.987	15.947	16.035	VV	1177	40337	0.73%	0.122%
172	16.101	16.035	16.142	VV	1946	60880	1.10%	0.185%
173	16.150	16.142	16.198	VV	998	23650	0.43%	0.072%
174	16.219	16.198	16.240	VV	1219	17755	0.32%	0.054%
175	16.282	16.240	16.378	VV	3118	61207	1.11%	0.186%
176	16.423	16.378	16.455	PV	727	17765	0.32%	0.054%
177	16.515	16.455	16.548	VV	1888	47671	0.86%	0.145%
178	16.597	16.548	16.672	VV	11742	294136	5.34%	0.892%
179	16.716	16.672	16.825	VV	11443	396478	7.19%	1.202%
180	16.857	16.825	16.932	VV	1883	57638	1.05%	0.175%
181	16.991	16.932	17.015	PV	2197	49376	0.90%	0.150%
182	17.043	17.015	17.073	VV	6541	123964	2.25%	0.376%
183	17.107	17.073	17.148	VV	7488	180175	3.27%	0.546%
184	17.168	17.148	17.190	VV	3051	54140	0.98%	0.164%
185	17.248	17.190	17.285	VV	9271	213652	3.88%	0.648%
186	17.352	17.285	17.395	VV	578	22143	0.40%	0.067%
187	17.425	17.395	17.448	VV	714	14674	0.27%	0.044%
188	17.541	17.448	17.590	VV	13392	307742	5.58%	0.933%
189	17.623	17.590	17.670	VV	10874	183078	3.32%	0.555%
190	17.704	17.670	17.748	VV	2082	45712	0.83%	0.139%
191	17.776	17.748	17.811	VV	1234	26965	0.49%	0.082%
192	17.837	17.811	17.861	VV	325	6660	0.12%	0.020%
193	17.939	17.861	17.968	PV	2100	46926	0.85%	0.142%
194	17.992	17.968	18.009	VV	1562	24356	0.44%	0.074%

					rteres			
195	18.061	18.009	18.105	VV	3867	80823	1.47%	0.245%
196	18.149	18.105	18.181	VV	8204	128363	2.33%	0.389%
197	18.198	18.181	18.238	VV	793	16586	0.30%	0.050%
198	18.286	18.238	18.322	VV	3469	59932	1.09%	0.182%
199	18.424	18.322	18.459	VV	22745	472389	8.57%	1.432%
200	18.487	18.459	18.545	VV	19923	372028	6.75%	1.128%
201	18.578	18.545	18.602	VV	3491	77090	1.40%	0.234%
202	18.621	18.602	18.702	VV	1916	70584	1.28%	0.214%
203	18.748	18.702	18.815	VV	4709	141829	2.57%	0.430%
204	18.884	18.815	18.945	VV	8818	333255	6.04%	1.010%
205	18.998	18.945	19.063	VV	11906	310458	5.63%	0.941%
206	19.085	19.063	19.122	VV	4449	80284	1.46%	0.243%
207	19.169	19.122	19.185	VV	2370	48330	0.88%	0.147%
208	19.251	19.185	19.278	VV	27822	583737	10.59%	1.770%
209	19.293	19.278	19.345	VV	13588	328087	5.95%	0.995%
210	19.419	19.345	19.475	VV	13526	512170	9.29%	1.553%
211	19.527	19.475	19.568	VV	5201	241103	4.37%	0.731%
212	19.587	19.568	19.620	VV	4555	112203	2.04%	0.340%
213	19.741	19.620	19.762	VV	10792	503413	9.13%	1.526%
214	19.788	19.762	19.825	VV	17742	364578	6.61%	1.105%
215	19.854	19.825	19.872	VV	5036	129395	2.35%	0.392%
216	19.958	19.872	19.992	VV	6079	403851	7.33%	1.225%
217	20.030	19.992	20.125	VV	13394	644842	11.70%	1.955%
218	20.179	20.125	20.217	VV	6749	329776	5.98%	1.000%
219	20.244	20.217	20.272	VV	6486	193939	3.52%	0.588%
220	20.302	20.272	20.329	VV	8876	265555	4.82%	0.805%
221	20.350	20.329	20.398	VV	8278	309511	5.61%	0.938%
222	20.425	20.398	20.448	VV	7386	215811	3.91%	0.654%
223	20.476	20.448	20.495	VV	7073	195469	3.55%	0.593%
224	20.539	20.495	20.558	VV	10069	313006	5.68%	0.949%
225	20.582	20.558	20.625	VV	9696	352814	6.40%	1.070%
226	20.811	20.625	20.923	VV	12259	1777558	32.24%	5.390%
227	20.946	20.923	20.988	VV	8647	321036	5.82%	0.973%
228	21.061	20.988	21.118	VV	8462	611563	11.09%	1.854%
229	21.145	21.118	21.272	VV	8495	632003	11.46%	1.916%
230	21.372	21.272	21.443	VV	6087	585089	10.61%	1.774%
231	21.459	21.443	21.528	VV	4966	244131	4.43%	0.740%
232	21.664	21.528	21.742	VV	5583	607381	11.02%	1.842%
233	21.803	21.742	21.965	VV	3947	414355	7.52%	1.256%
234	22.091	21.965	22.118	VV	3090	212366	3.85%	0.644%
235	22.245	22.118	22.402	VBA	5998	642465	11.65%	1.948%

Sum of corrected areas: 32979787

Aliphatic EPH 051225.M Sat May 17 01:55:39 2025

Report of Analysis

Client:	Sciaccia General Contractors, LLC	Date Collected:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	5	SDG No.:	Q2003
Lab Sample ID:	Q2003-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
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 14:56	PB168029

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	8.81		1	1.04	4.60	mg/kg	FG015850.D
Total EPH	Total EPH	8.81			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:	05/09/25
Project:	32 Sayer Pl, Hillsdale	Date Received:	05/09/25
Client Sample ID:	5	SDG No.:	Q2003
Lab Sample ID:	Q2003-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
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
FG015850.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	8.81		1.04	4.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	13.2		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.0		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.2		40 - 140	86%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2003-07	Acq On:	16 May 2025 14:56
Client Sample ID:	5	Operator:	YP\AJ
Data file:	FG015850.D	Misc:	
Instrument:	FID_G	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.136	6.775	329147	2.899	300	ug/ml
Aliphatic C12-C16	6.776	10.226	1317257	11.285	200	ug/ml
Aliphatic C16-C21	10.227	13.601	8122032	66.465	300	ug/ml
Aliphatic C21-C28	13.602	17.272	4105607	34.172	400	ug/ml
Aliphatic C28-C40	17.273	22.179	19020727	172.237	600	ug/ml
Aliphatic EPH	3.136	22.179	32894770	287.059		ug/ml
ortho-Terphenyl (SURR)	11.891	11.891	6428721	43.18		ug/ml
1-chlorooctadecane (SURR)	13.336	13.336	5070377	44.01		ug/ml
Aliphatic C9-C28	3.136	17.272	13874043	114.821	1200	ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015850.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 14:56
Operator : YP\AJ
Sample : Q2003-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: May 17 00:42:54 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	6428721	43.178 ug/ml
Spiked Amount	50.000	Recovery	= 86.36%
12) S 1-chlorooctadecane (S...	13.336	5070377	44.014 ug/ml
Spiked Amount	50.000	Recovery	= 88.03%

Target Compounds

(f)=RT Delta > 1/2 Window

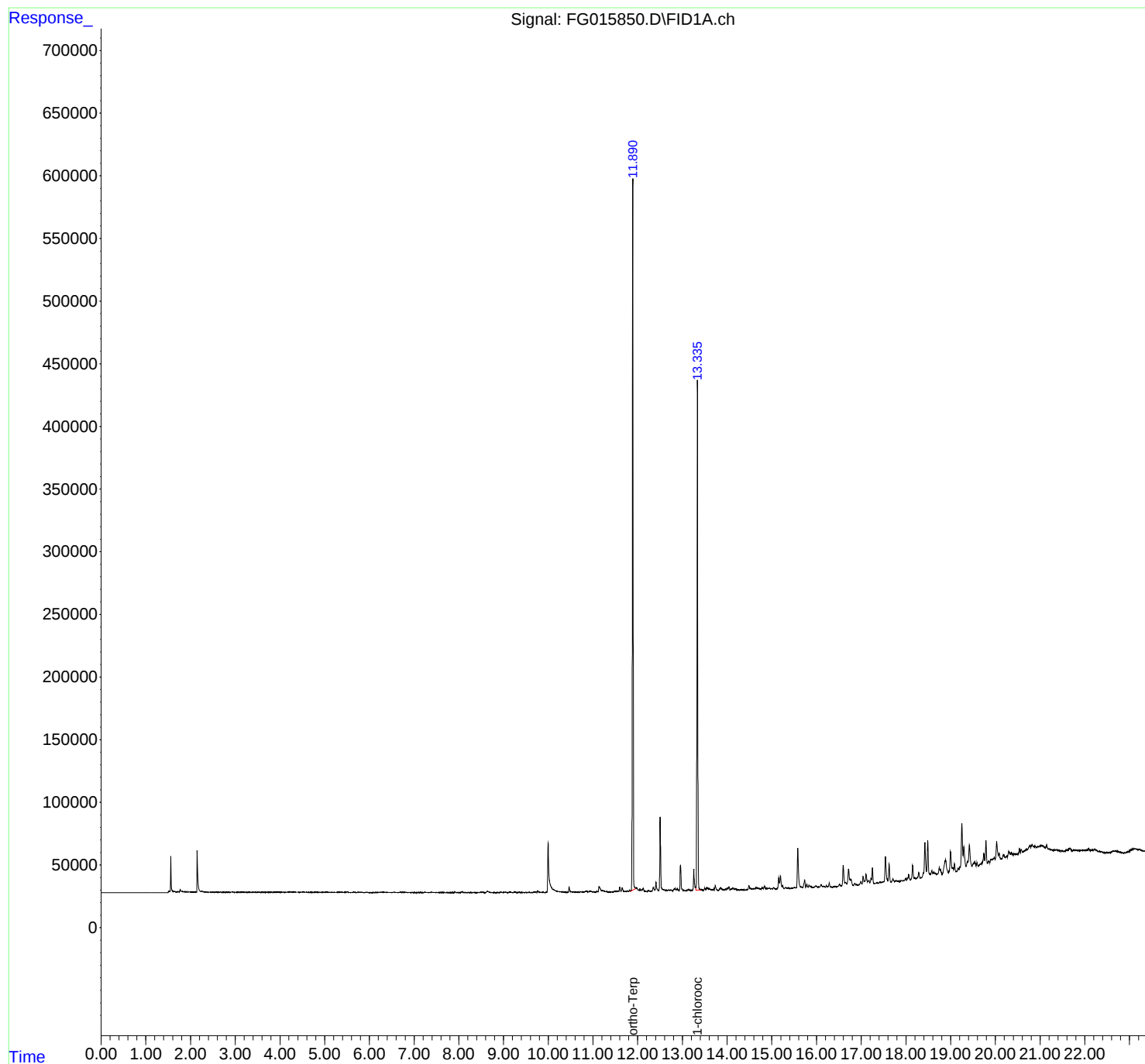
(m)=manual int.

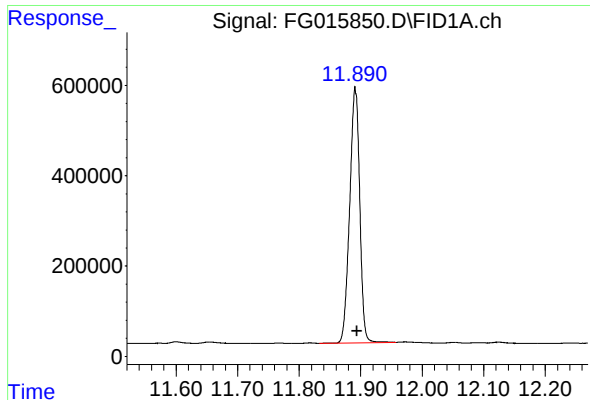
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015850.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 14:56
Operator : YP\AJ
Sample : Q2003-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5

Integration File: autoint1.e
Quant Time: May 17 00:42:54 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

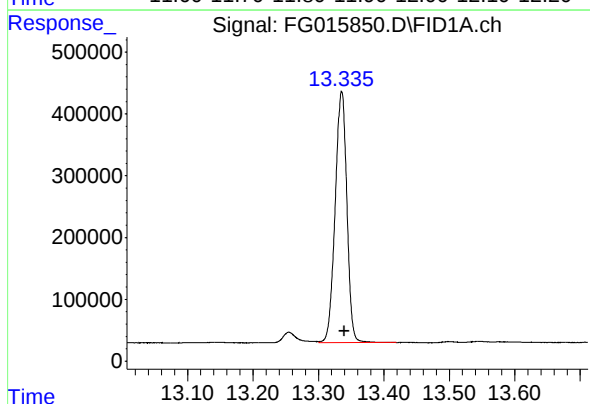




#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 6428721
Conc: 43.18 ug/ml

Instrument :
FID_G
ClientSampleId :
5



#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 5070377
Conc: 44.01 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015850.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 14:56
Sample : Q2003-07
Misc :
ALS Vial : 28 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	3.239	3.221	3.313	BV	134	2681	0.04%	0.007%
2	3.325	3.313	3.338	PV	66	623	0.01%	0.002%
3	3.355	3.338	3.368	VV	179	1868	0.03%	0.005%
4	3.379	3.368	3.388	VV	123	1431	0.02%	0.004%
5	3.407	3.388	3.440	VV	157	3183	0.05%	0.008%
6	3.451	3.440	3.472	VV	117	1962	0.03%	0.005%
7	3.479	3.472	3.507	VV	148	1805	0.03%	0.005%
8	3.534	3.507	3.543	VV	128	1842	0.03%	0.005%
9	3.570	3.543	3.608	VV	135	3456	0.05%	0.009%
10	3.629	3.608	3.639	VV	130	1437	0.02%	0.004%
11	3.694	3.639	3.774	VV	141	7218	0.11%	0.018%
12	3.823	3.774	3.848	VV	186	4737	0.07%	0.012%
13	3.863	3.848	3.904	VV	127	2790	0.04%	0.007%
14	3.926	3.904	3.991	VV	330	6757	0.10%	0.017%
15	4.012	3.991	4.017	VV	125	1231	0.02%	0.003%
16	4.035	4.017	4.054	VV	244	3461	0.05%	0.009%
17	4.069	4.054	4.121	VV	264	6424	0.10%	0.016%
18	4.222	4.121	4.341	VV	545	37247	0.57%	0.094%
19	4.350	4.341	4.371	VV	245	4007	0.06%	0.010%
20	4.383	4.371	4.425	VV	253	6571	0.10%	0.017%
21	4.496	4.425	4.512	VV	389	11480	0.18%	0.029%
22	4.537	4.512	4.557	VV	361	6956	0.11%	0.017%
23	4.572	4.557	4.596	VV	216	4380	0.07%	0.011%
24	4.619	4.596	4.655	VV	301	6632	0.10%	0.017%
25	4.670	4.655	4.765	VV	265	12570	0.19%	0.032%
26	4.775	4.765	4.808	VV	236	4640	0.07%	0.012%
27	4.812	4.808	4.868	VV	212	5312	0.08%	0.013%
28	4.881	4.868	4.900	VV	145	2240	0.03%	0.006%
29	4.918	4.900	4.938	VV	194	3164	0.05%	0.008%
30	4.944	4.938	4.969	VV	166	2215	0.03%	0.006%
31	5.004	4.969	5.070	VV	234	8705	0.13%	0.022%
32	5.081	5.070	5.099	VV	170	2145	0.03%	0.005%
33	5.107	5.099	5.130	VV	130	1932	0.03%	0.005%
34	5.158	5.130	5.171	VV	178	2802	0.04%	0.007%
35	5.174	5.171	5.187	VV	145	995	0.02%	0.003%
36	5.211	5.187	5.235	VV	199	3403	0.05%	0.009%

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37	5.301	5.235	5.310	VV	200	6076	0.09%	0.015%
38	5.323	5.310	5.367	VV	184	4925	0.08%	0.012%
39	5.378	5.367	5.407	VV	176	3232	0.05%	0.008%
40	5.421	5.407	5.440	VV	146	2417	0.04%	0.006%
41	5.468	5.440	5.479	VV	243	4445	0.07%	0.011%
42	5.502	5.479	5.555	VV	700	13858	0.21%	0.035%
43	5.592	5.555	5.616	VV	137	3956	0.06%	0.010%
44	5.641	5.616	5.664	VV	398	7208	0.11%	0.018%
45	5.674	5.664	5.716	VV	232	3480	0.05%	0.009%
46	5.735	5.716	5.775	VV	167	4946	0.08%	0.012%
47	5.802	5.775	5.815	VV	208	3344	0.05%	0.008%
48	5.832	5.815	5.871	VV	191	4377	0.07%	0.011%
49	5.914	5.871	5.933	VV	183	4410	0.07%	0.011%
50	5.948	5.933	6.011	VV	211	5329	0.08%	0.013%
51	6.034	6.011	6.063	VV	141	2193	0.03%	0.006%
52	6.084	6.063	6.100	PV	72	1100	0.02%	0.003%
53	6.114	6.100	6.147	VV	103	1828	0.03%	0.005%
54	6.160	6.147	6.175	VV	97	905	0.01%	0.002%
55	6.241	6.175	6.348	VV	218	17356	0.27%	0.044%
56	6.387	6.348	6.428	VV	390	10156	0.16%	0.026%
57	6.437	6.428	6.448	VV	156	1556	0.02%	0.004%
58	6.452	6.448	6.488	VV	141	2896	0.04%	0.007%
59	6.508	6.488	6.528	VV	122	2570	0.04%	0.006%
60	6.558	6.528	6.655	VV	359	14466	0.22%	0.036%
61	6.701	6.655	6.712	VV	287	7328	0.11%	0.018%
62	6.726	6.712	6.811	VV	311	14488	0.22%	0.036%
63	6.828	6.811	6.885	VV	222	7234	0.11%	0.018%
64	6.900	6.885	6.941	VV	180	4427	0.07%	0.011%
65	6.954	6.941	6.979	VV	162	2632	0.04%	0.007%
66	6.985	6.979	7.070	VV	109	3222	0.05%	0.008%
67	7.086	7.070	7.101	VV	53	561	0.01%	0.001%
68	7.118	7.101	7.155	PV	88	1265	0.02%	0.003%
69	7.165	7.155	7.175	VV	64	395	0.01%	0.001%
70	7.245	7.175	7.282	VV	259	9904	0.15%	0.025%
71	7.288	7.282	7.314	VV	207	3410	0.05%	0.009%
72	7.328	7.314	7.338	VV	194	2181	0.03%	0.005%
73	7.396	7.338	7.418	VV	324	10612	0.16%	0.027%
74	7.427	7.418	7.439	VV	185	1816	0.03%	0.005%
75	7.464	7.439	7.495	VV	233	5209	0.08%	0.013%
76	7.515	7.495	7.558	VV	213	5871	0.09%	0.015%
77	7.565	7.558	7.601	VV	147	2525	0.04%	0.006%
78	7.627	7.601	7.688	VV	167	4385	0.07%	0.011%
79	7.709	7.688	7.735	PV	72	1427	0.02%	0.004%
80	7.747	7.735	7.761	VV	150	2085	0.03%	0.005%
81	7.775	7.761	7.785	VV	186	2072	0.03%	0.005%
82	7.794	7.785	7.885	VV	167	5386	0.08%	0.014%
83	7.910	7.885	8.000	VV	1005	16467	0.25%	0.041%
84	8.011	8.000	8.035	VV	72	1307	0.02%	0.003%
85	8.083	8.035	8.185	VV	1042	20694	0.32%	0.052%
86	8.206	8.185	8.315	PV	134	6377	0.10%	0.016%
87	8.326	8.315	8.349	VV	127	1925	0.03%	0.005%
88	8.446	8.349	8.458	VV	254	9431	0.14%	0.024%
89	8.480	8.458	8.501	VV	372	8198	0.13%	0.021%

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90	8.512	8.501	8.583	VV	570	13122	0.20%	0.033%
91	8.634	8.583	8.737	VV	1093	40838	0.62%	0.103%
92	8.748	8.737	8.817	VV	177	5439	0.08%	0.014%
93	8.845	8.817	8.853	VV	163	2372	0.04%	0.006%
94	8.873	8.853	8.905	VV	266	4701	0.07%	0.012%
95	8.929	8.905	8.980	VV	344	11504	0.18%	0.029%
96	9.003	8.980	9.037	VV	383	8758	0.13%	0.022%
97	9.050	9.037	9.106	VV	304	7554	0.12%	0.019%
98	9.140	9.106	9.191	VV	494	14356	0.22%	0.036%
99	9.202	9.191	9.215	VV	189	2525	0.04%	0.006%
100	9.246	9.215	9.321	VV	550	16946	0.26%	0.043%
101	9.344	9.321	9.375	VV	497	8871	0.14%	0.022%
102	9.392	9.375	9.451	VV	272	4581	0.07%	0.012%
103	9.492	9.451	9.517	PV	166	2544	0.04%	0.006%
104	9.532	9.517	9.555	VV	175	3115	0.05%	0.008%
105	9.570	9.555	9.617	VV	441	9229	0.14%	0.023%
106	9.631	9.617	9.651	VV	233	2826	0.04%	0.007%
107	9.678	9.651	9.687	PV	468	5883	0.09%	0.015%
108	9.732	9.687	9.747	VV	545	17405	0.27%	0.044%
109	9.767	9.747	9.831	VV	1484	27079	0.41%	0.068%
110	9.838	9.831	9.845	VV	125	883	0.01%	0.002%
111	9.878	9.845	9.935	VV	264	7626	0.12%	0.019%
112	9.956	9.935	9.970	VV	469	5599	0.09%	0.014%
113	9.998	9.970	10.108	VV	39168	827656	12.65%	2.082%
114	10.122	10.108	10.215	VV	2665	101719	1.55%	0.256%
115	10.226	10.215	10.265	VV	926	23108	0.35%	0.058%
116	10.271	10.265	10.395	VV	635	28070	0.43%	0.071%
117	10.411	10.395	10.435	VV	189	3029	0.05%	0.008%
118	10.469	10.435	10.534	VV	4371	77052	1.18%	0.194%
119	10.564	10.534	10.630	VV	616	22318	0.34%	0.056%
120	10.644	10.630	10.703	VV	356	9829	0.15%	0.025%
121	10.718	10.703	10.728	VV	395	4328	0.07%	0.011%
122	10.745	10.728	10.779	VV	364	9060	0.14%	0.023%
123	10.786	10.779	10.805	VV	304	4089	0.06%	0.010%
124	10.828	10.805	10.855	VV	850	17049	0.26%	0.043%
125	10.867	10.855	10.887	VV	1029	13662	0.21%	0.034%
126	10.908	10.887	10.918	VV	585	9329	0.14%	0.023%
127	10.937	10.918	11.025	VV	1052	32821	0.50%	0.083%
128	11.091	11.025	11.111	VV	932	21325	0.33%	0.054%
129	11.138	11.111	11.200	VV	4576	127464	1.95%	0.321%
130	11.222	11.200	11.291	VV	1403	51508	0.79%	0.130%
131	11.299	11.291	11.364	VV	536	13127	0.20%	0.033%
132	11.378	11.364	11.413	VV	166	2835	0.04%	0.007%
133	11.441	11.413	11.461	PV	356	6392	0.10%	0.016%
134	11.504	11.461	11.527	VV	615	17545	0.27%	0.044%
135	11.572	11.527	11.581	VV	942	20244	0.31%	0.051%
136	11.600	11.581	11.631	VV	4008	58911	0.90%	0.148%
137	11.654	11.631	11.715	VV	3468	67644	1.03%	0.170%
138	11.732	11.715	11.747	VV	588	7838	0.12%	0.020%
139	11.768	11.747	11.789	VV	1045	14537	0.22%	0.037%
140	11.817	11.789	11.833	VV	1486	20102	0.31%	0.051%
141	11.891	11.833	11.957	VV	565595	6541899	100.00%	16.454%

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142	11.973	11.957	12.031	VV	3524	100296	1.53%	0.252%
143	12.052	12.031	12.072	VV	2374	40488	0.62%	0.102%
144	12.091	12.072	12.106	VV	1888	30491	0.47%	0.077%
145	12.124	12.106	12.208	VV	3006	55743	0.85%	0.140%
146	12.243	12.208	12.265	VV	1034	19151	0.29%	0.048%
147	12.272	12.265	12.314	VV	580	13996	0.21%	0.035%
148	12.353	12.314	12.386	VV	3257	72332	1.11%	0.182%
149	12.409	12.386	12.471	VV	7629	144611	2.21%	0.364%
150	12.504	12.471	12.580	VV	59393	791530	12.10%	1.991%
151	12.593	12.580	12.615	VV	1412	24784	0.38%	0.062%
152	12.624	12.615	12.650	VV	944	16759	0.26%	0.042%
153	12.664	12.650	12.678	VV	766	12289	0.19%	0.031%
154	12.698	12.678	12.720	VV	1252	23721	0.36%	0.060%
155	12.751	12.720	12.779	VV	1013	27043	0.41%	0.068%
156	12.838	12.779	12.861	VV	2505	69834	1.07%	0.176%
157	12.885	12.861	12.928	VV	2243	50678	0.77%	0.127%
158	12.957	12.928	13.025	VV	20149	324215	4.96%	0.815%
159	13.035	13.025	13.075	VV	655	14938	0.23%	0.038%
160	13.105	13.075	13.118	VV	780	14999	0.23%	0.038%
161	13.145	13.118	13.189	VV	1337	34692	0.53%	0.087%
162	13.218	13.189	13.227	VV	652	12240	0.19%	0.031%
163	13.255	13.227	13.299	VV	17595	279442	4.27%	0.703%
164	13.335	13.299	13.420	VV	406053	5128797	78.40%	12.899%
165	13.432	13.420	13.468	VV	978	21131	0.32%	0.053%
166	13.500	13.468	13.520	VV	2307	38850	0.59%	0.098%
167	13.546	13.520	13.566	VV	2476	51123	0.78%	0.129%
168	13.575	13.566	13.617	VV	1885	47751	0.73%	0.120%
169	13.627	13.617	13.665	VV	1159	24891	0.38%	0.063%
170	13.672	13.665	13.691	VV	756	11669	0.18%	0.029%
171	13.735	13.691	13.797	VV	4001	90635	1.39%	0.228%
172	13.861	13.797	13.898	VV	2179	70570	1.08%	0.177%
173	13.912	13.898	13.938	VV	869	17133	0.26%	0.043%
174	13.966	13.938	13.982	VV	1208	22160	0.34%	0.056%
175	14.005	13.982	14.019	VV	1937	30730	0.47%	0.077%
176	14.040	14.019	14.071	VV	2929	51175	0.78%	0.129%
177	14.089	14.071	14.100	VV	1313	18297	0.28%	0.046%
178	14.130	14.100	14.156	VV	2103	47186	0.72%	0.119%
179	14.175	14.156	14.268	VV	1394	44800	0.68%	0.113%
180	14.300	14.268	14.313	VV	533	9226	0.14%	0.023%
181	14.321	14.313	14.421	VV	421	15253	0.23%	0.038%
182	14.487	14.421	14.512	PV	3753	76164	1.16%	0.192%
183	14.525	14.512	14.546	VV	1645	24945	0.38%	0.063%
184	14.565	14.546	14.577	VV	1103	17971	0.27%	0.045%
185	14.590	14.577	14.605	VV	1117	15922	0.24%	0.040%
186	14.651	14.605	14.671	VV	2011	53439	0.82%	0.134%
187	14.689	14.671	14.741	VV	1537	41650	0.64%	0.105%
188	14.786	14.741	14.809	VV	1750	44825	0.69%	0.113%
189	14.834	14.809	14.871	VV	2710	58790	0.90%	0.148%
190	14.890	14.871	14.920	VV	1107	25030	0.38%	0.063%
191	14.942	14.920	14.977	VV	1162	27752	0.42%	0.070%
192	14.997	14.977	15.014	VV	760	11774	0.18%	0.030%
193	15.039	15.014	15.091	VV	1454	30873	0.47%	0.078%
194	15.151	15.091	15.170	VV	8928	140028	2.14%	0.352%

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195	15.192	15.170	15.225	VV	10659	203519	3.11%	0.512%
196	15.239	15.225	15.278	VV	2972	48663	0.74%	0.122%
197	15.308	15.278	15.334	VV	1414	27843	0.43%	0.070%
198	15.360	15.334	15.415	VV	875	23387	0.36%	0.059%
199	15.501	15.415	15.543	PV	1155	46017	0.70%	0.116%
200	15.578	15.543	15.688	VV	32174	615030	9.40%	1.547%
201	15.733	15.688	15.756	VV	6812	131990	2.02%	0.332%
202	15.780	15.756	15.808	VV	3226	57963	0.89%	0.146%
203	15.831	15.808	15.853	VV	2455	42255	0.65%	0.106%
204	15.868	15.853	15.911	VV	1415	31800	0.49%	0.080%
205	15.936	15.911	15.951	VV	559	10988	0.17%	0.028%
206	15.989	15.951	16.041	VV	1496	53155	0.81%	0.134%
207	16.100	16.041	16.141	VV	2381	64175	0.98%	0.161%
208	16.154	16.141	16.197	VV	944	22880	0.35%	0.058%
209	16.219	16.197	16.238	VV	1409	20338	0.31%	0.051%
210	16.282	16.238	16.321	VV	3436	62954	0.96%	0.158%
211	16.330	16.321	16.378	VV	349	5960	0.09%	0.015%
212	16.427	16.378	16.451	PV	584	14207	0.22%	0.036%
213	16.515	16.451	16.555	VV	2141	54002	0.83%	0.136%
214	16.595	16.555	16.633	VV	16875	312411	4.78%	0.786%
215	16.649	16.633	16.672	VV	3183	62302	0.95%	0.157%
216	16.715	16.672	16.762	VV	13497	351563	5.37%	0.884%
217	16.774	16.762	16.821	VV	5109	85324	1.30%	0.215%
218	16.853	16.821	16.934	VV	1842	45348	0.69%	0.114%
219	16.991	16.934	17.014	PV	2737	56207	0.86%	0.141%
220	17.041	17.014	17.068	VV	6587	120979	1.85%	0.304%
221	17.106	17.068	17.145	VV	8338	198102	3.03%	0.498%
222	17.169	17.145	17.191	VV	3151	63399	0.97%	0.159%
223	17.217	17.191	17.227	VV	4554	65217	1.00%	0.164%
224	17.248	17.227	17.280	VV	12955	184741	2.82%	0.465%
225	17.290	17.280	17.308	VV	292	4039	0.06%	0.010%
226	17.352	17.308	17.381	VV	751	20315	0.31%	0.051%
227	17.428	17.381	17.451	VV	997	26327	0.40%	0.066%
228	17.540	17.451	17.593	VV	21180	439943	6.72%	1.107%
229	17.623	17.593	17.671	VV	14764	238267	3.64%	0.599%
230	17.708	17.671	17.748	VV	2624	59771	0.91%	0.150%
231	17.785	17.748	17.809	VV	1025	24899	0.38%	0.063%
232	17.831	17.809	17.865	VV	413	8459	0.13%	0.021%
233	17.897	17.865	17.926	PV	744	17692	0.27%	0.044%
234	17.990	17.926	18.011	VV	1781	40196	0.61%	0.101%
235	18.061	18.011	18.092	VV	4767	103913	1.59%	0.261%
236	18.149	18.092	18.179	VV	11511	194228	2.97%	0.489%
237	18.197	18.179	18.221	VV	1370	25877	0.40%	0.065%
238	18.286	18.221	18.321	VV	5213	108338	1.66%	0.272%
239	18.333	18.321	18.355	VV	725	13440	0.21%	0.034%
240	18.422	18.355	18.458	VV	28058	596802	9.12%	1.501%
241	18.486	18.458	18.541	VV	29326	532530	8.14%	1.339%
242	18.577	18.541	18.600	VV	5201	122170	1.87%	0.307%
243	18.620	18.600	18.640	VV	3462	71885	1.10%	0.181%
244	18.653	18.640	18.690	VV	2571	64940	0.99%	0.163%
245	18.702	18.690	18.707	VV	1813	17069	0.26%	0.043%
246	18.744	18.707	18.808	VV	6638	220721	3.37%	0.555%

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247	18.883	18.808	18.945	VV	11694	493011	7.54%	1.240%
248	18.997	18.945	19.033	VV	17842	407011	6.22%	1.024%
249	19.046	19.033	19.068	VV	5062	95072	1.45%	0.239%
250	19.084	19.068	19.131	VV	7900	147264	2.25%	0.370%
251	19.168	19.131	19.184	VV	4024	90512	1.38%	0.228%
252	19.249	19.184	19.276	VV	38732	840166	12.84%	2.113%
253	19.293	19.276	19.341	VV	20392	488816	7.47%	1.229%
254	19.373	19.341	19.383	VV	7952	165369	2.53%	0.416%
255	19.417	19.383	19.477	VV	21072	614706	9.40%	1.546%
256	19.528	19.477	19.567	VV	6771	300212	4.59%	0.755%
257	19.587	19.567	19.625	VV	6184	158049	2.42%	0.398%
258	19.649	19.625	19.659	VV	4480	83342	1.27%	0.210%
259	19.742	19.659	19.761	VV	12835	431802	6.60%	1.086%
260	19.789	19.761	19.818	VV	22905	420500	6.43%	1.058%
261	19.852	19.818	19.872	VV	6228	177621	2.72%	0.447%
262	19.974	19.872	19.998	VV	8069	529664	8.10%	1.332%
263	20.028	19.998	20.068	VV	20828	563553	8.61%	1.417%
264	20.084	20.068	20.125	VV	11272	298024	4.56%	0.750%
265	20.132	20.125	20.139	VV	6699	58298	0.89%	0.147%
266	20.183	20.139	20.223	VV	9084	398032	6.08%	1.001%
267	20.247	20.223	20.271	VV	8134	220331	3.37%	0.554%
268	20.300	20.271	20.333	VV	11696	371983	5.69%	0.936%
269	20.352	20.333	20.368	VV	10064	195469	2.99%	0.492%
270	20.383	20.368	20.399	VV	9474	171955	2.63%	0.432%
271	20.422	20.399	20.455	VV	8971	290061	4.43%	0.730%
272	20.461	20.455	20.498	VV	8517	215808	3.30%	0.543%
273	20.539	20.498	20.558	VV	12792	356160	5.44%	0.896%
274	20.580	20.558	20.621	VV	11634	395518	6.05%	0.995%
275	20.650	20.621	20.665	VV	10314	261674	4.00%	0.658%
276	20.770	20.665	20.791	VV	13601	895009	13.68%	2.251%
277	20.818	20.791	20.868	VV	14474	607253	9.28%	1.527%
278	20.887	20.868	20.924	VV	12756	405902	6.20%	1.021%
279	20.948	20.924	20.967	VV	12112	305772	4.67%	0.769%
280	21.001	20.967	21.019	VV	12542	380584	5.82%	0.957%
281	21.042	21.019	21.117	VV	12347	682532	10.43%	1.717%
282	21.144	21.117	21.229	VV	11679	641142	9.80%	1.613%
283	21.239	21.229	21.289	VV	8010	279935	4.28%	0.704%
284	21.309	21.289	21.331	VV	7574	190100	2.91%	0.478%
285	21.362	21.331	21.443	VV	7350	460720	7.04%	1.159%
286	21.462	21.443	21.525	VV	6095	283526	4.33%	0.713%
287	21.593	21.525	21.616	VV	6141	306130	4.68%	0.770%
288	21.664	21.616	21.729	VV	6728	397643	6.08%	1.000%
289	21.789	21.729	21.835	VV	5082	302827	4.63%	0.762%
290	21.848	21.835	21.905	VV	4454	172809	2.64%	0.435%
291	21.929	21.905	21.969	VV	4122	149955	2.29%	0.377%
292	22.002	21.969	22.038	VV	3804	149794	2.29%	0.377%
293	22.084	22.038	22.141	VV	4221	217290	3.32%	0.547%
294	22.223	22.141	22.401	VBA	2991	323051	4.94%	0.813%
Sum of corrected areas:							39759718	

Aliphatic EPH 051225.M Sat May 17 01:56:40 2025



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

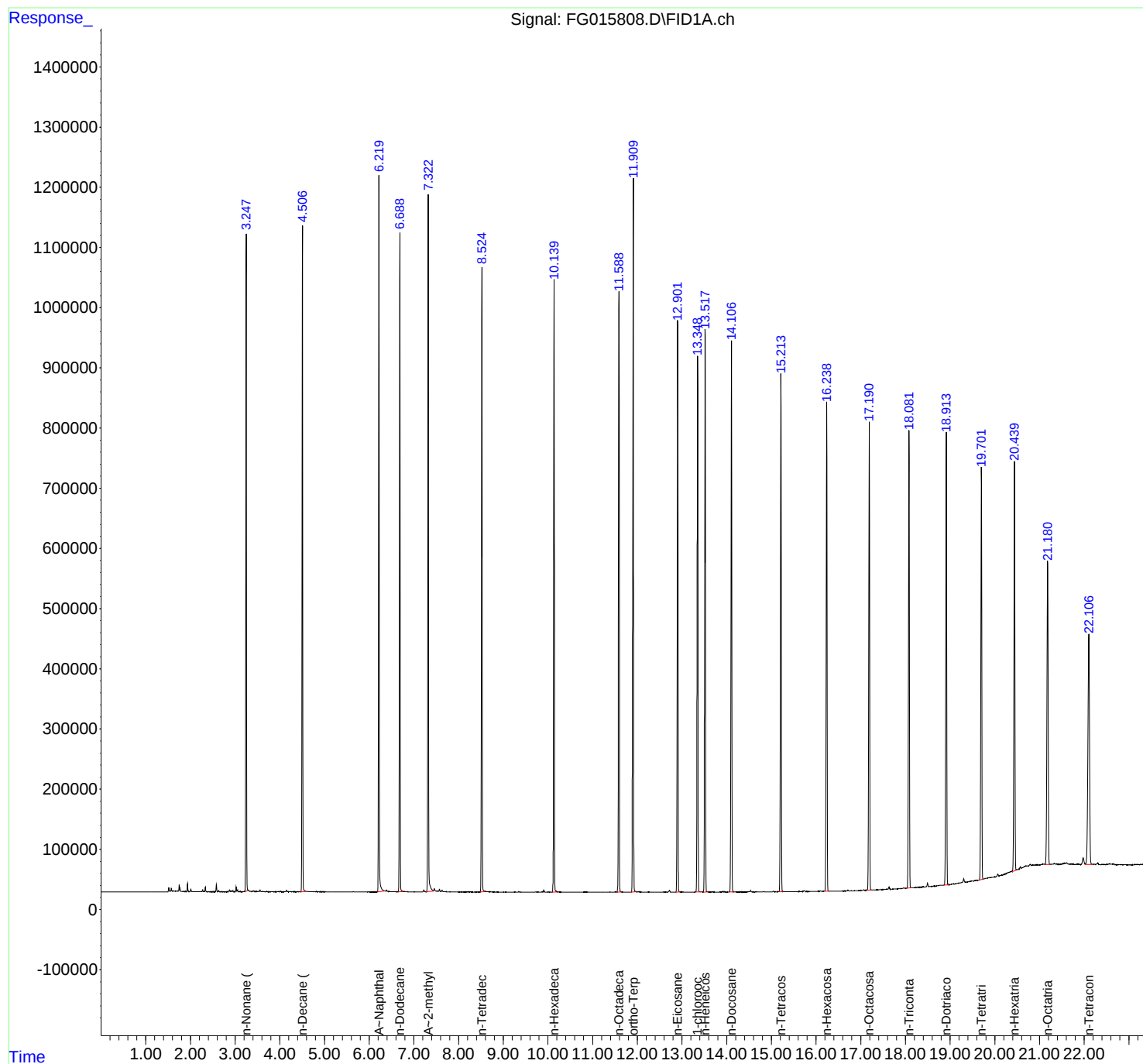
(m)=manual int.

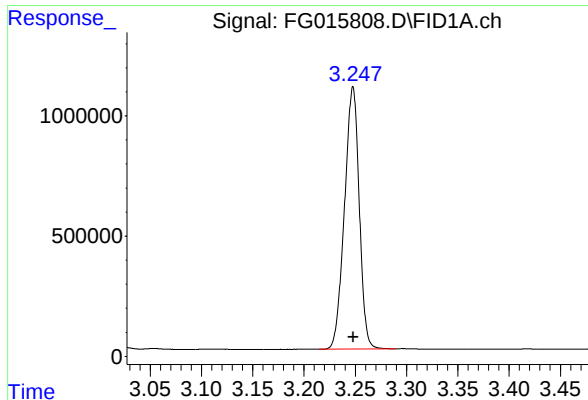
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015808.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 10:30
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

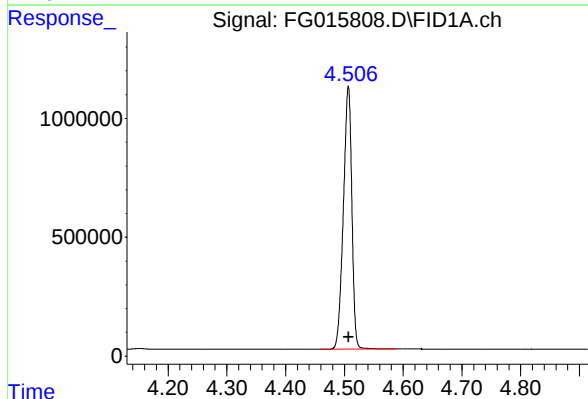




#1 n-Nonane (C9)

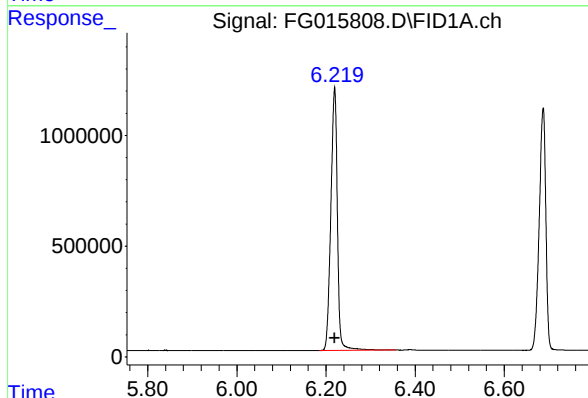
R.T.: 3.248 min
Delta R.T.: 0.000 min
Response: 10920112
Conc: 97.13 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



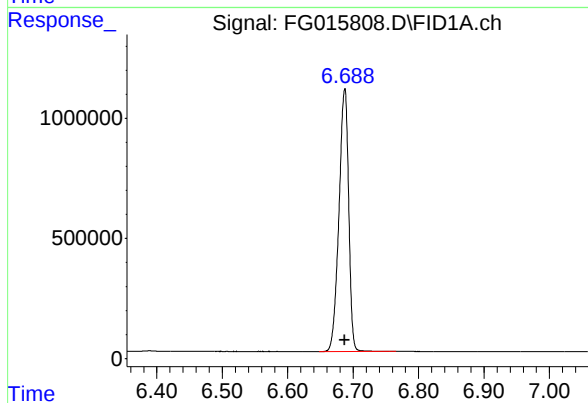
#2 n-Decane (C10)

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



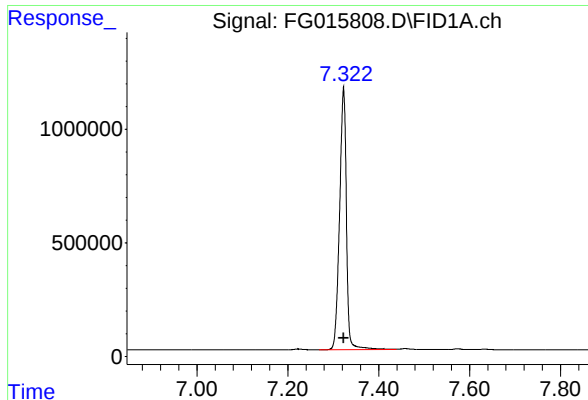
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

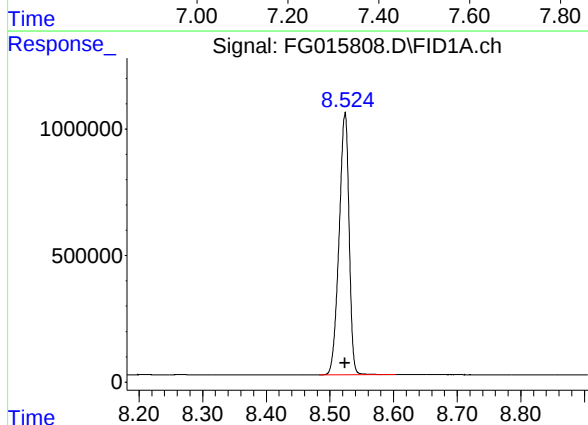
R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 11293150
Conc: 97.40 ug/ml



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

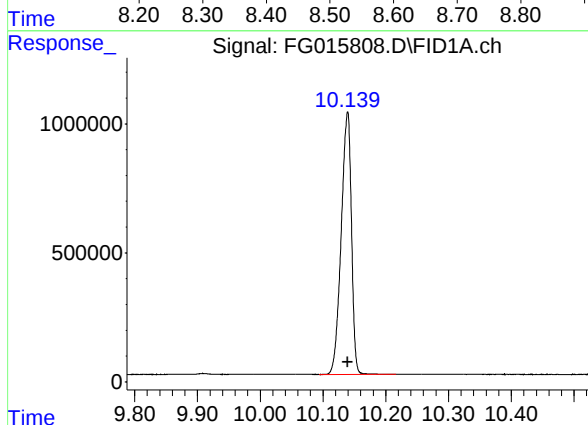
R.T.: 7.323 min
Delta R.T.: 0.000 min
Response: 12080339
Conc: 100.01 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



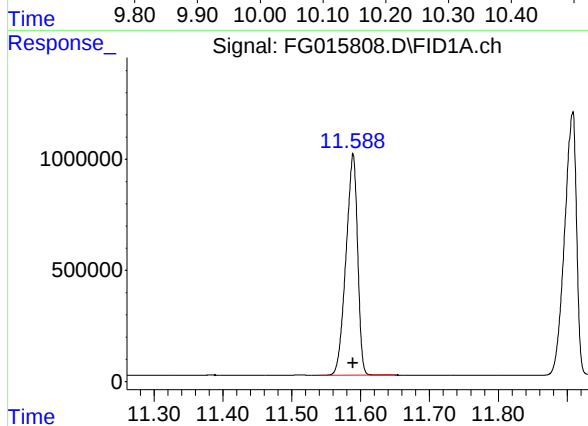
#6 n-Tetradecane (C14)

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



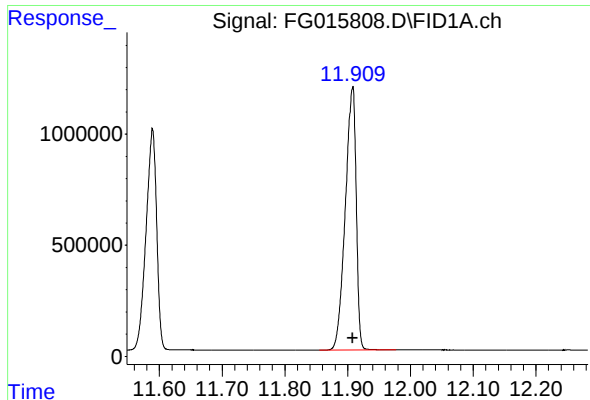
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

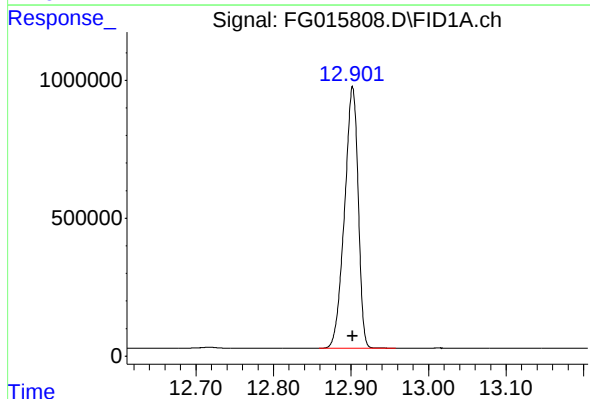
R.T.: 11.589 min
Delta R.T.: 0.000 min
Response: 11693673
Conc: 96.39 ug/ml



#9 ortho-Terphenyl (SURR)

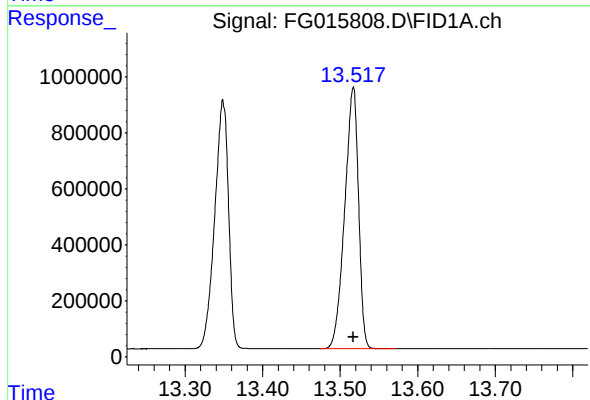
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 14285857
Conc: 96.45 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



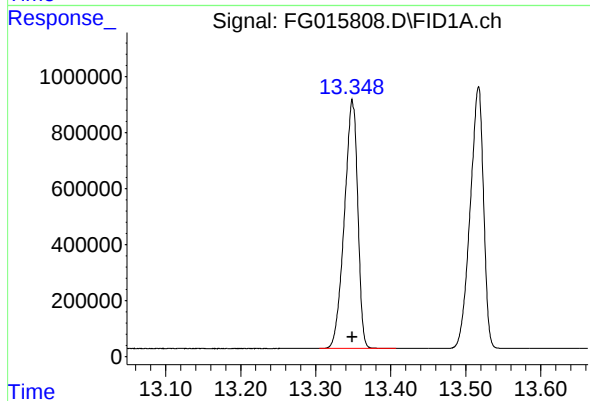
#10 n-Eicosane (C20)

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



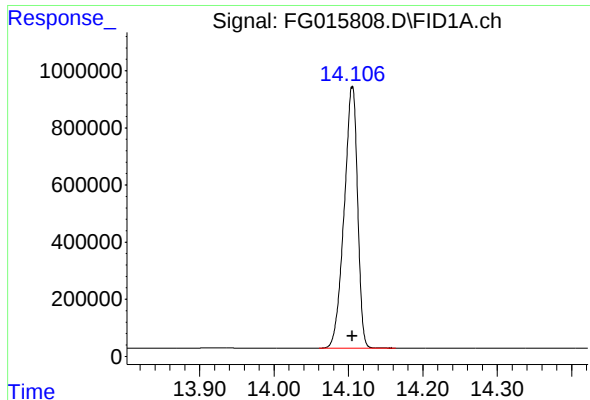
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

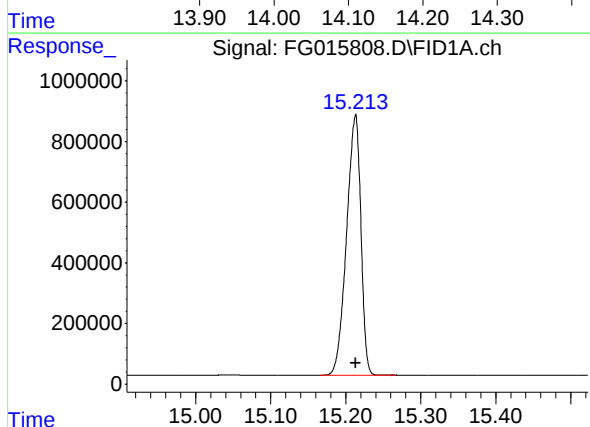
R.T.: 13.349 min
Delta R.T.: 0.000 min
Response: 10985534
Conc: 96.02 ug/ml



#13 n-Docosane (C22)

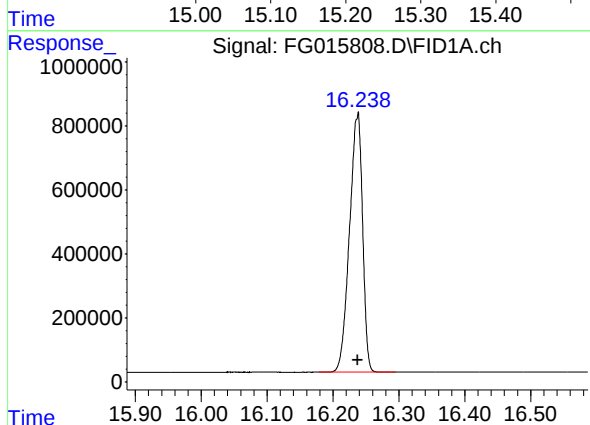
R.T.: 14.105 min
Delta R.T.: 0.000 min
Response: 11485556
Conc: 95.64 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



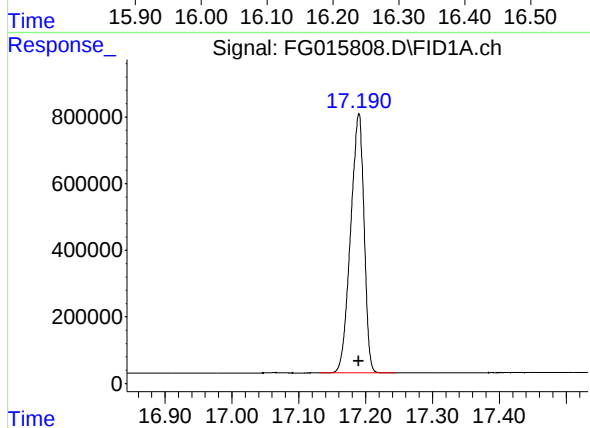
#14 n-Tetracosane (C24)

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



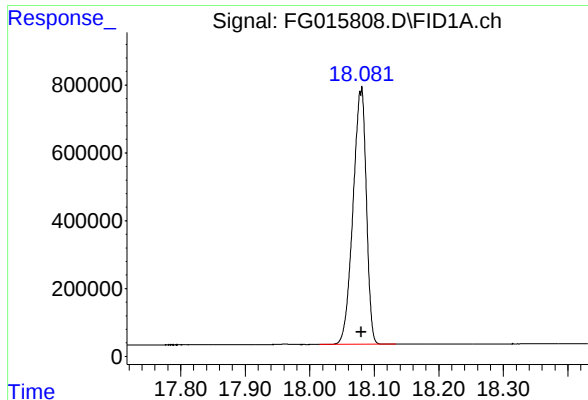
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

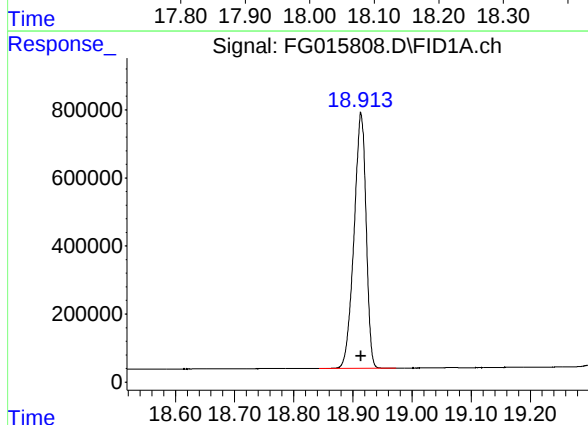
R.T.: 17.190 min
Delta R.T.: 0.000 min
Response: 10885338
Conc: 94.91 ug/ml



#17 n-Tricontane (C30)

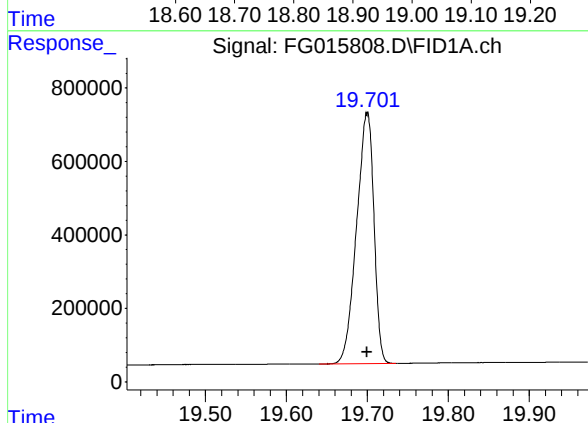
R.T.: 18.080 min
Delta R.T.: 0.000 min
Response: 10827008
Conc: 94.53 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



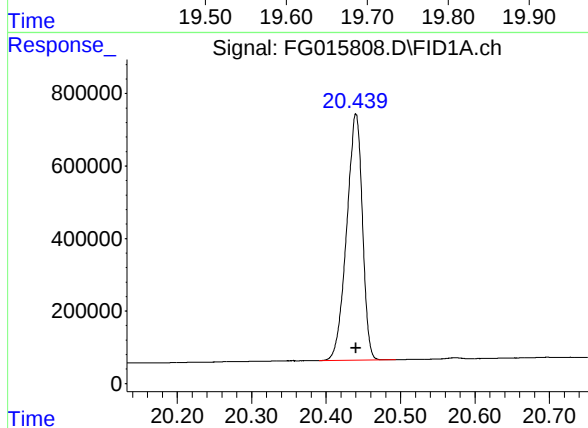
#18 n-Dotriacontane (C32)

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



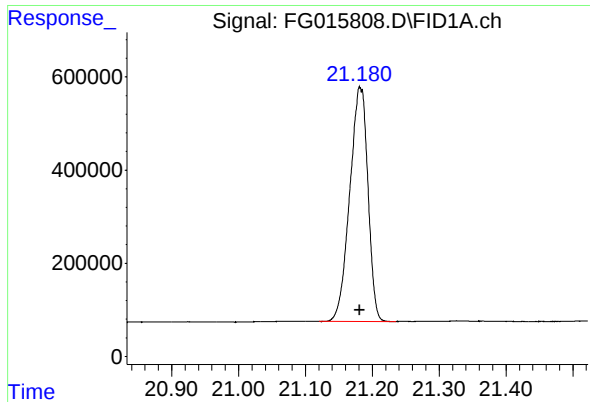
#19 n-Tetatriacontane (C34)

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)

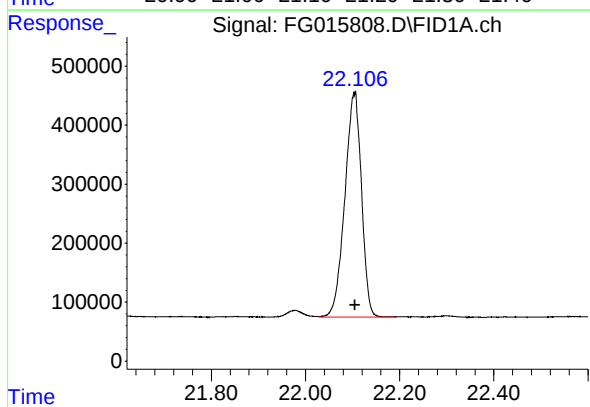
R.T.: 21.181 min
Delta R.T.: 0.000 min
Response: 9515311
Conc: 95.09 ug/ml

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

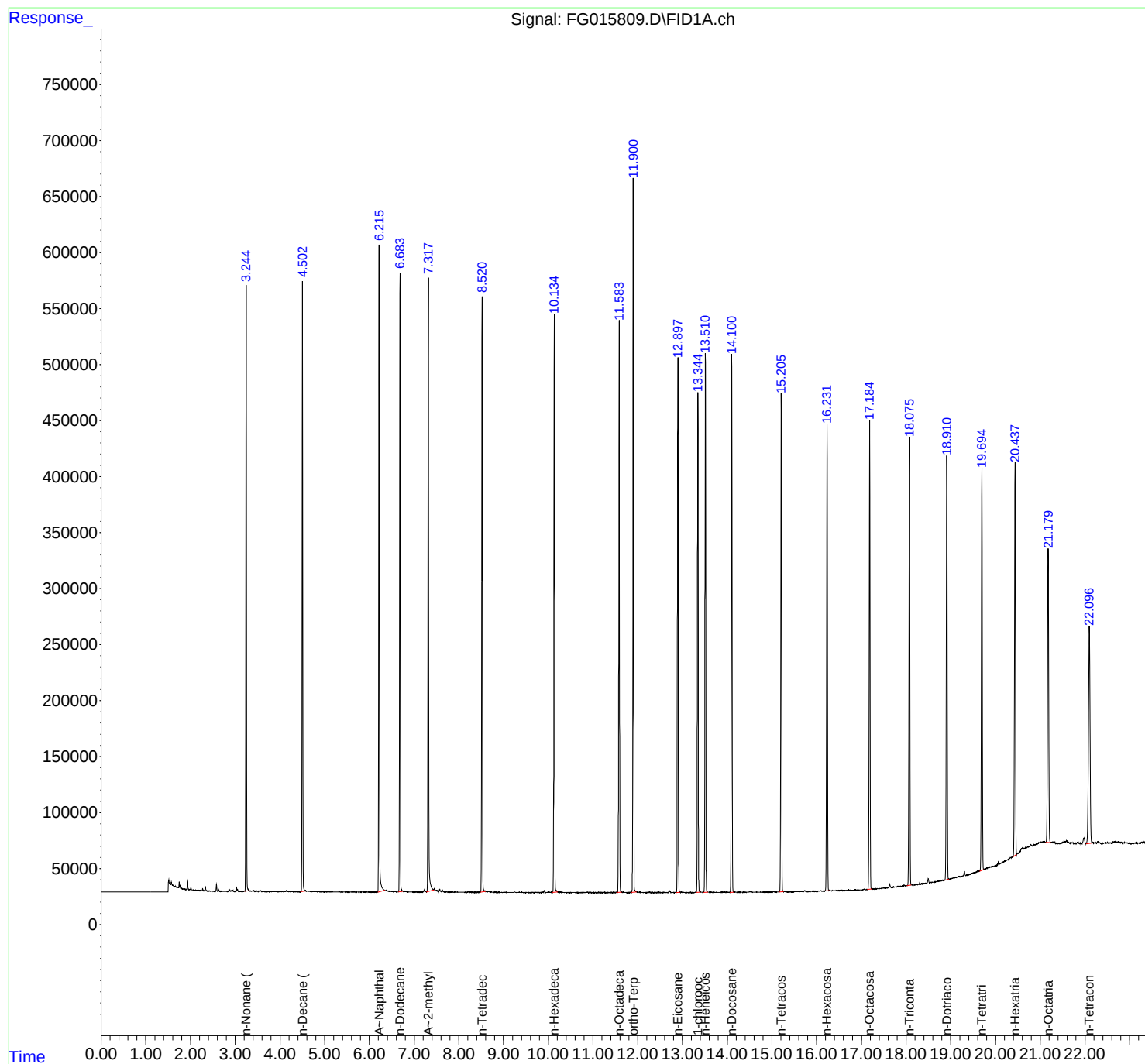
(m)=manual int.

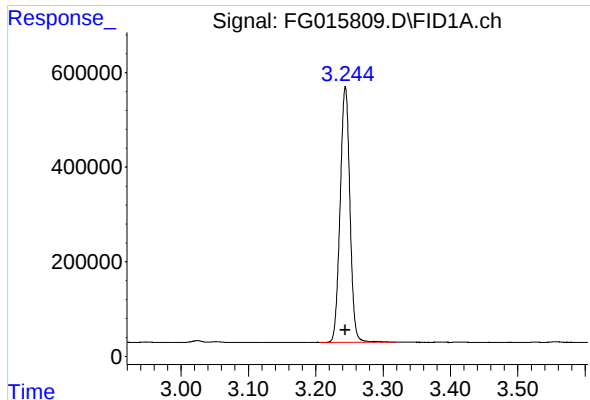
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015809.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 10:59
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

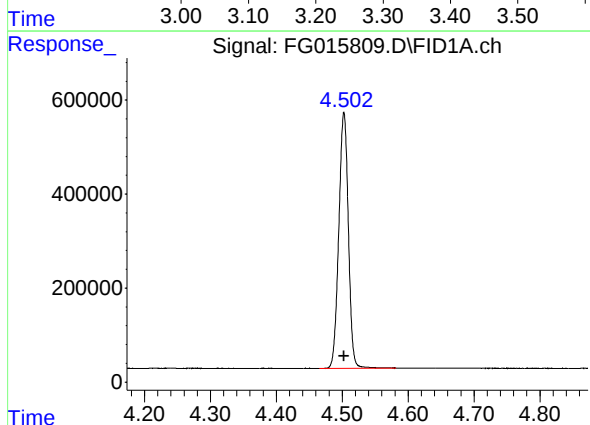




#1 n-Nonane (C9)

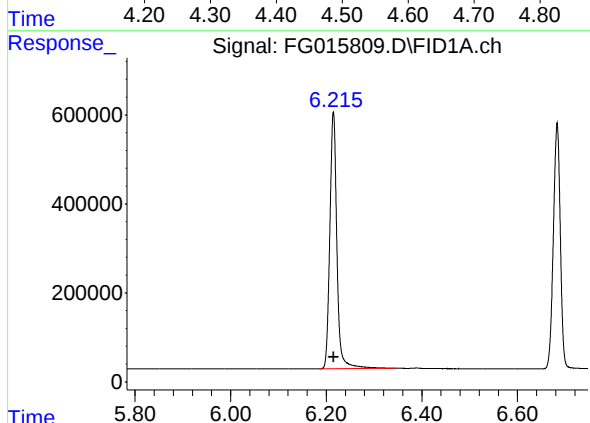
R.T.: 3.244 min
Delta R.T.: 0.000 min
Response: 5439413
Conc: 48.91 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



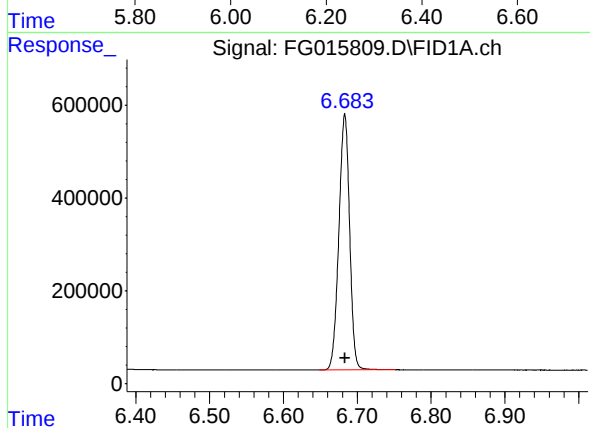
#2 n-Decane (C10)

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



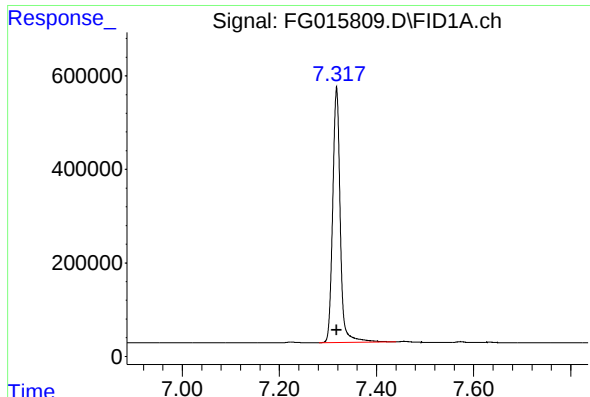
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

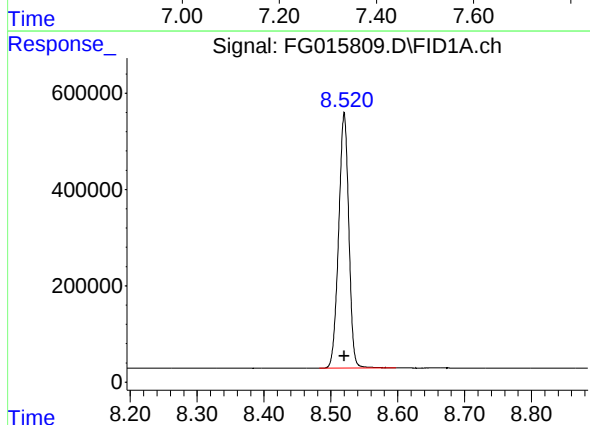
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 5577432
Conc: 48.72 ug/ml



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

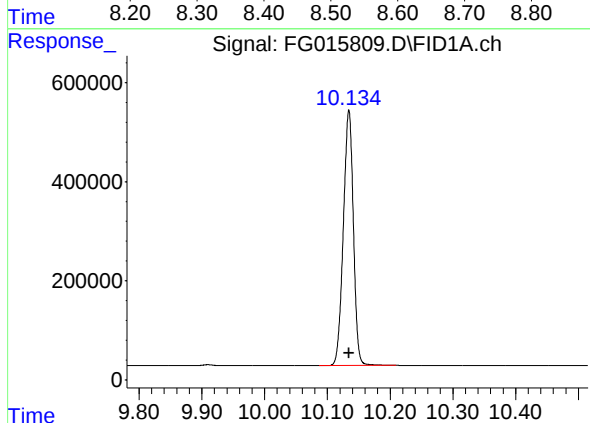
R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 5854552
Conc: 48.97 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



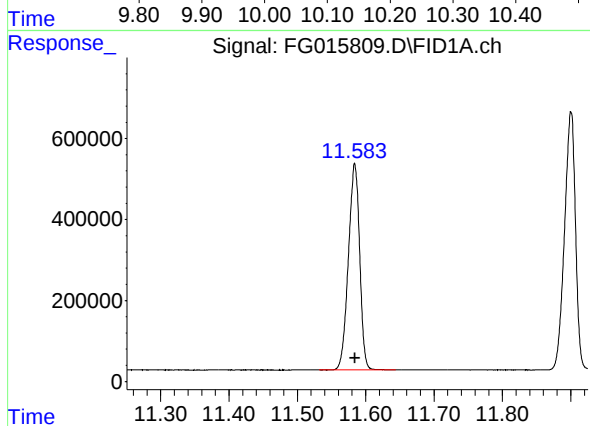
#6 n-Tetradecane (C14)

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



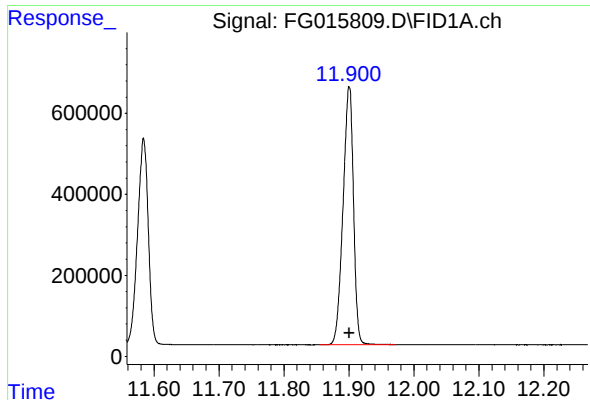
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

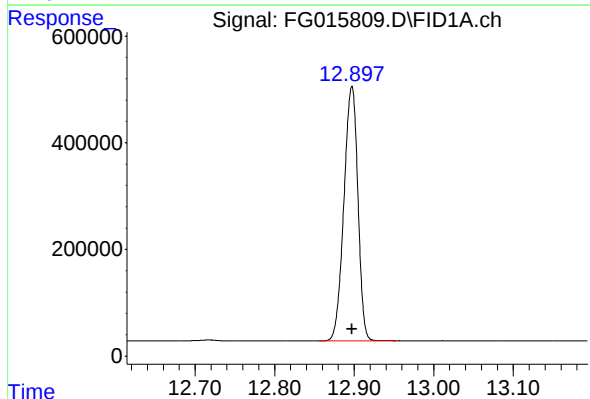
R.T.: 11.584 min
Delta R.T.: 0.000 min
Response: 5838904
Conc: 48.74 ug/ml



#9 ortho-Terphenyl (SURR)

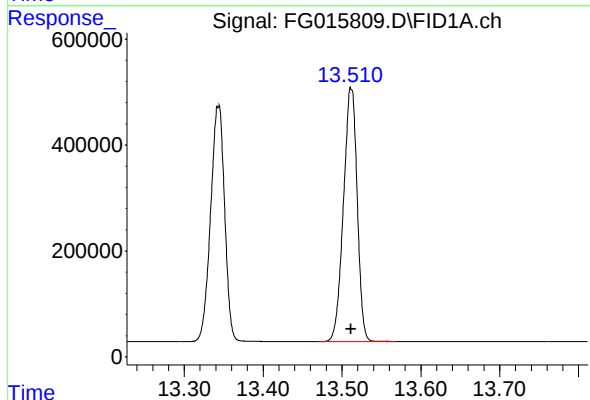
R.T.: 11.901 min
Delta R.T.: 0.000 min
Response: 7125825
Conc: 48.72 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



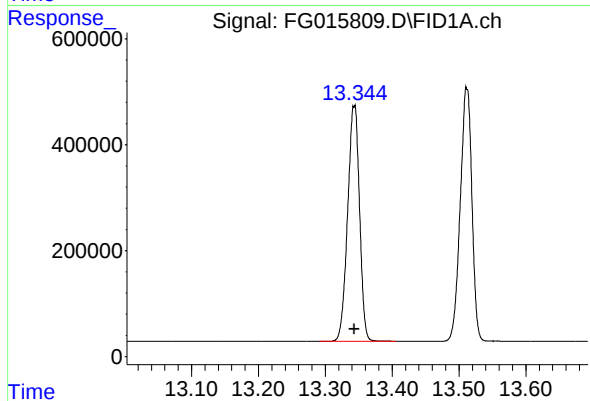
#10 n-Eicosane (C20)

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



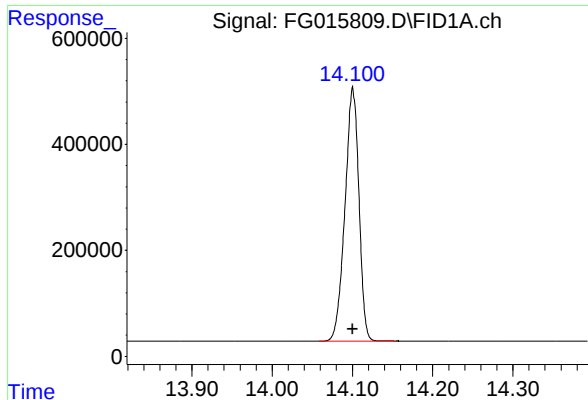
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

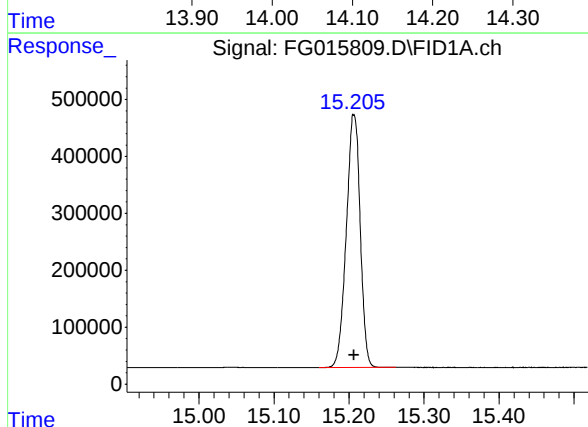
R.T.: 13.343 min
Delta R.T.: 0.000 min
Response: 5502847
Conc: 48.72 ug/ml



#13 n-Docosane (C22)

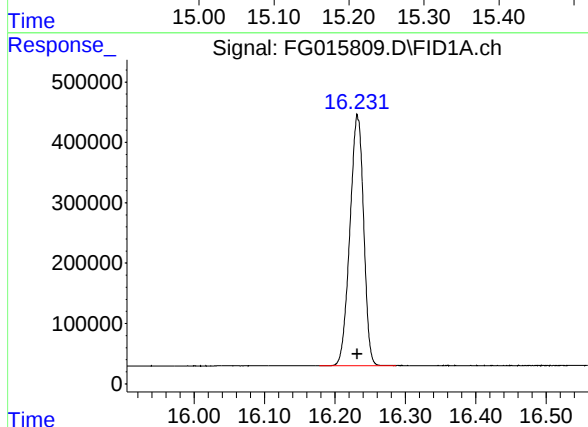
R.T.: 14.100 min
Delta R.T.: 0.000 min
Response: 5775786
Conc: 48.71 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



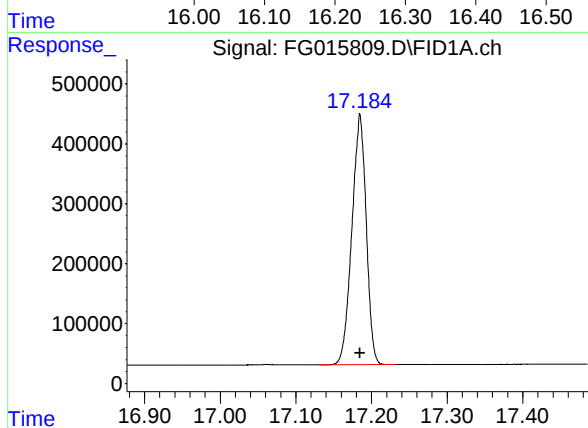
#14 n-Tetracosane (C24)

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



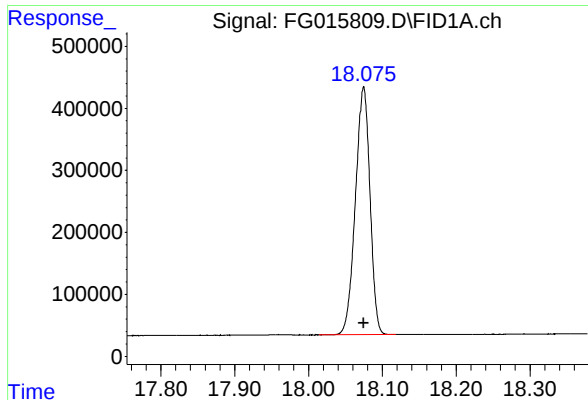
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

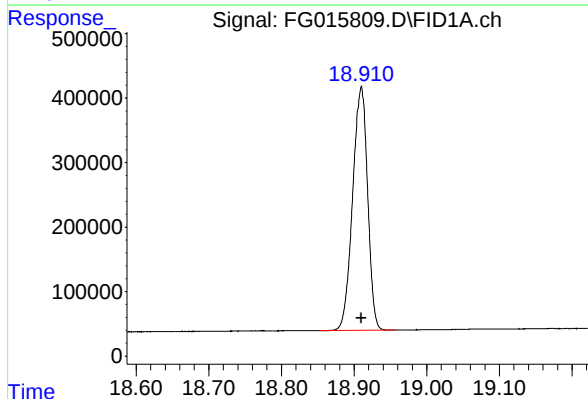
R.T.: 17.185 min
Delta R.T.: 0.000 min
Response: 5502157
Conc: 48.63 ug/ml



#17 n-Tricontane (C30)

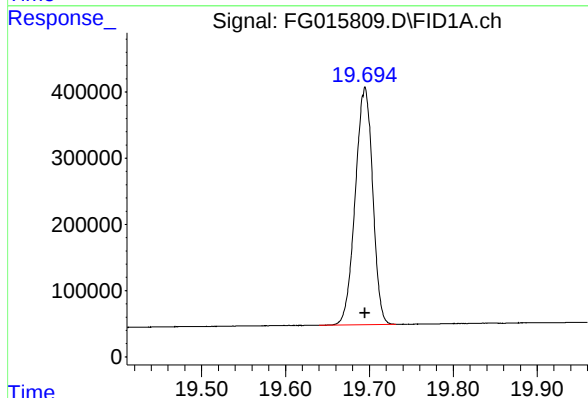
R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 5488201
Conc: 48.59 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



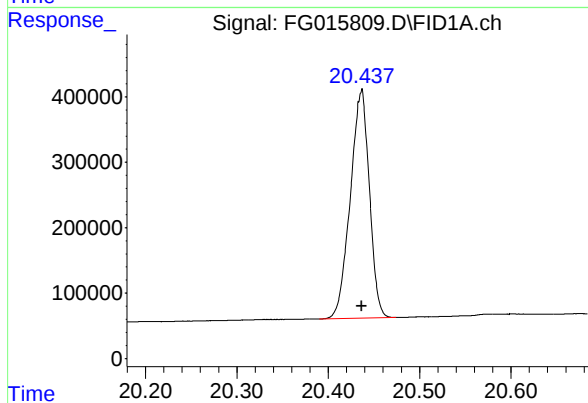
#18 n-Dotriacontane (C32)

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



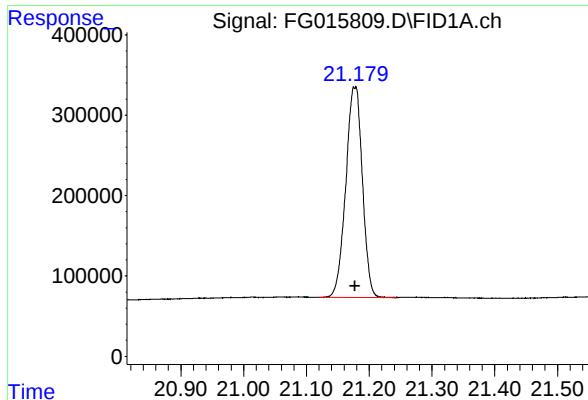
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

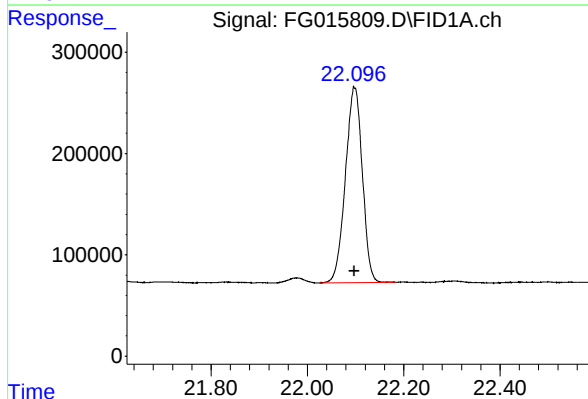
R.T.: 20.436 min
Delta R.T.: 0.000 min
Response: 5059937
Conc: 48.63 ug/ml



#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

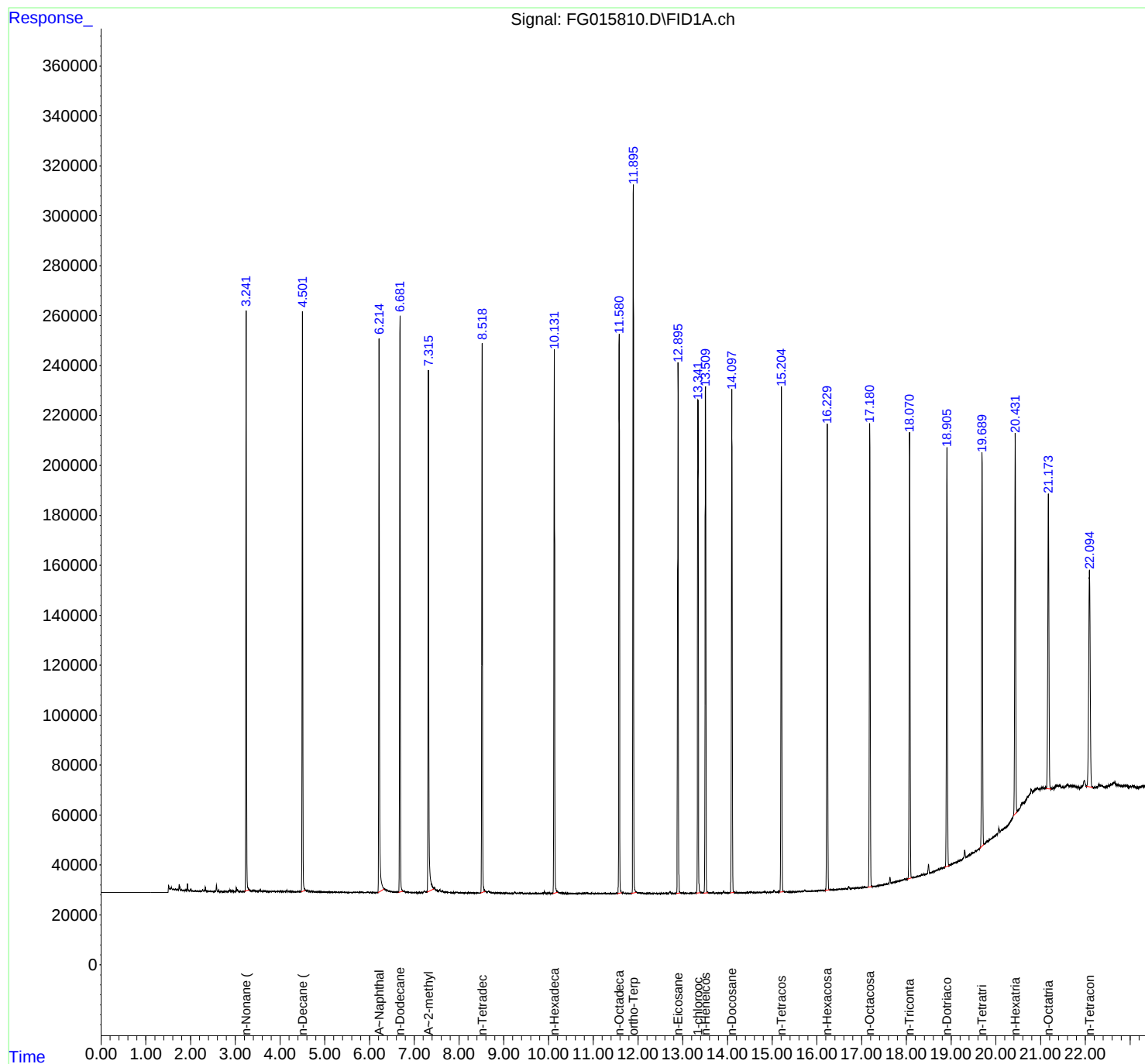
(m)=manual int.

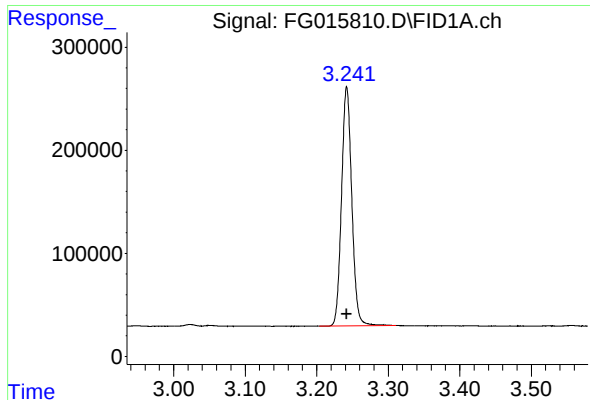
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015810.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 11:28
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

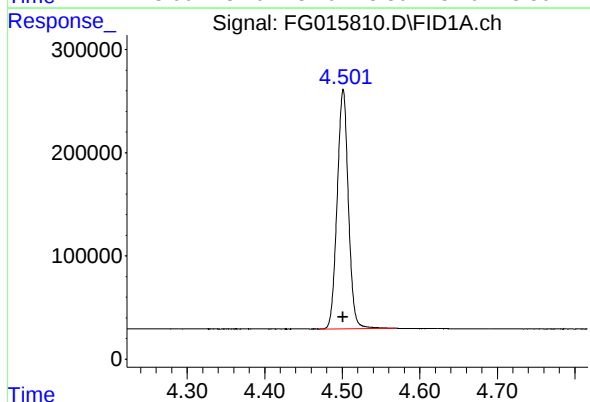




#1 n-Nonane (C9)

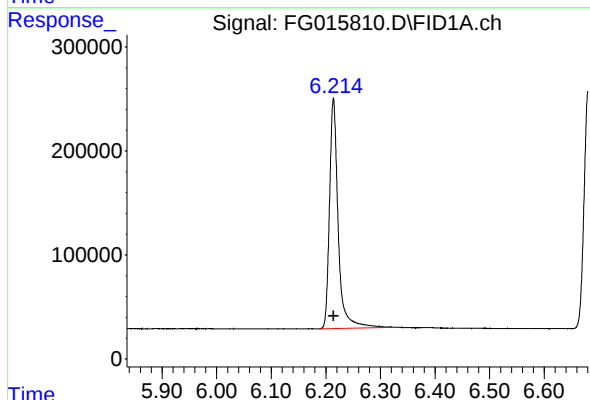
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 2312924
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



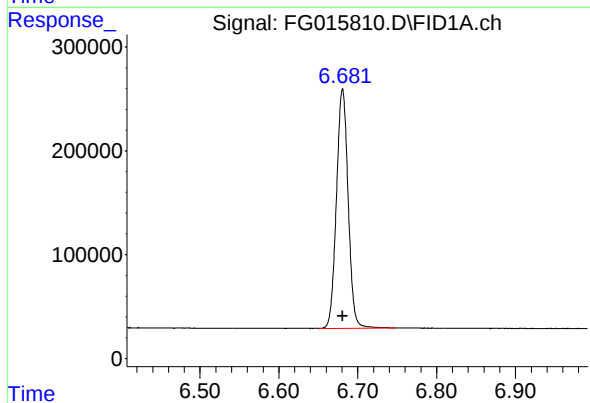
#2 n-Decane (C10)

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



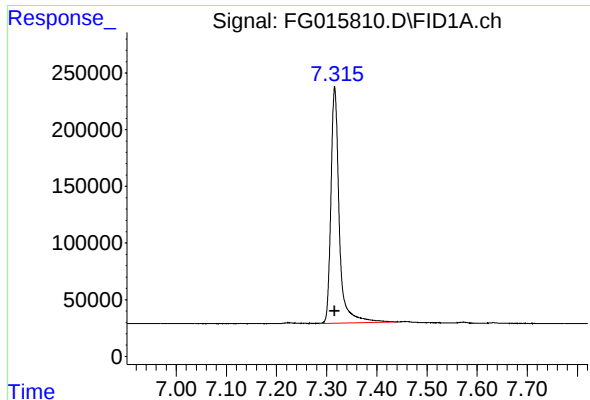
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

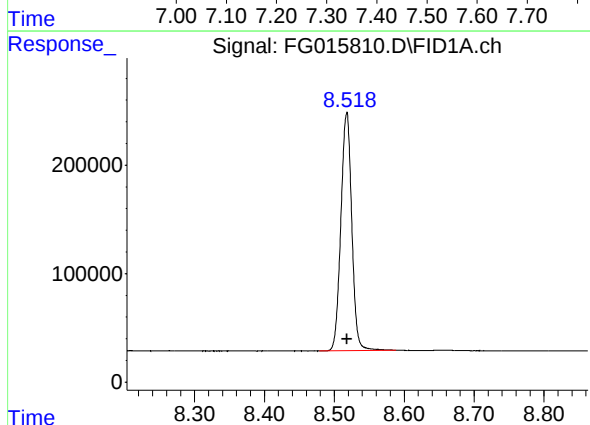
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 2379271
Conc: 20.00 ug/ml



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

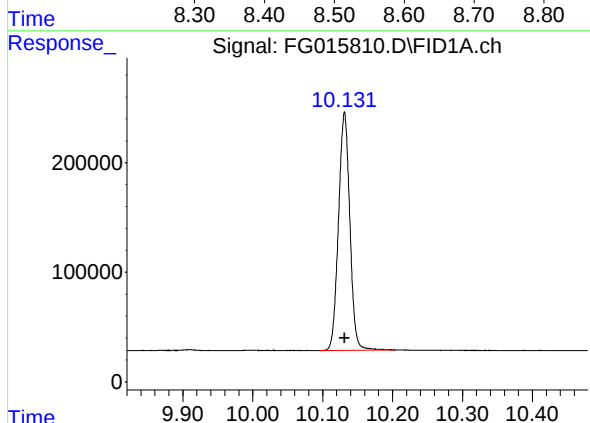
R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 2415642
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



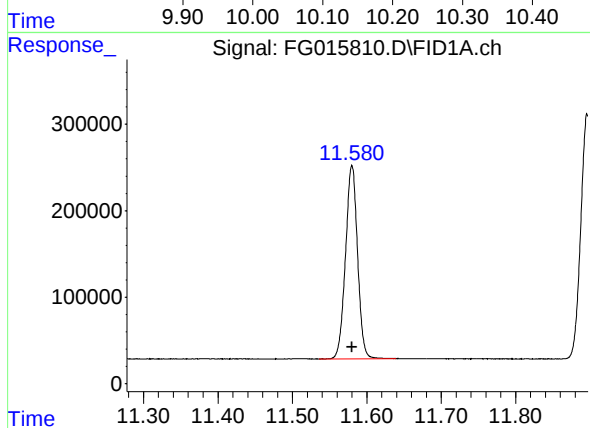
#6 n-Tetradecane (C14)

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



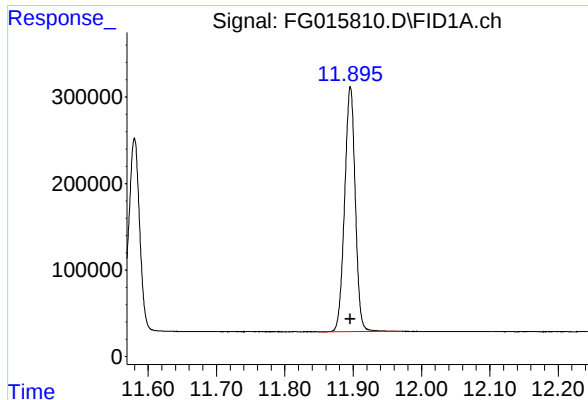
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

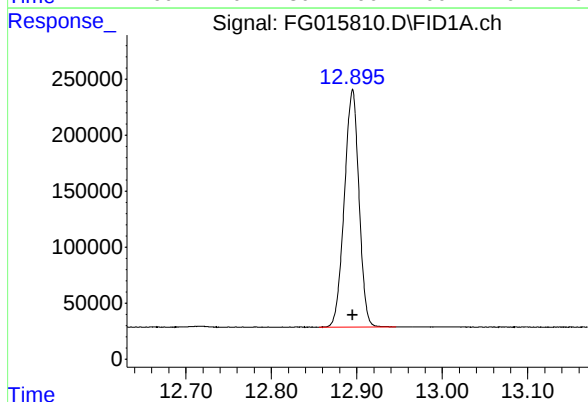
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 2514102
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

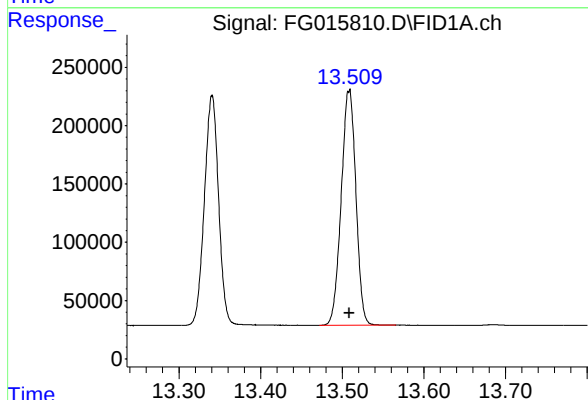
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 3067401
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



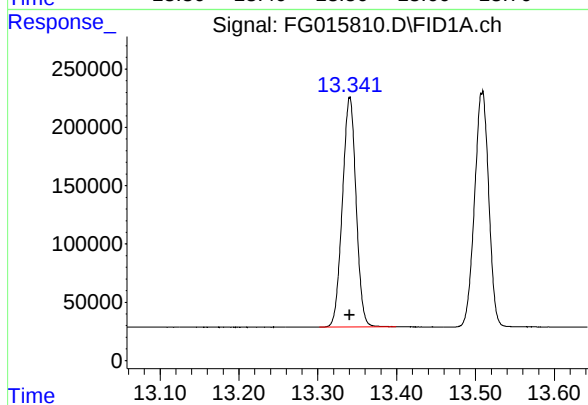
#10 n-Eicosane (C20)

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



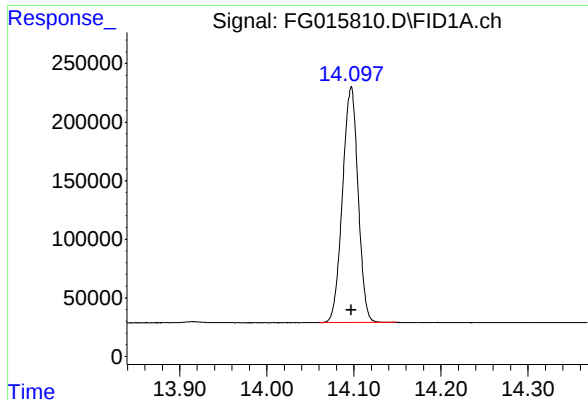
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

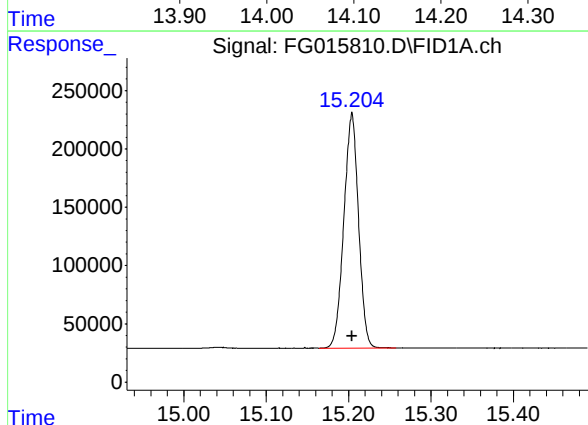
R.T.: 13.341 min
Delta R.T.: 0.000 min
Response: 2379192
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

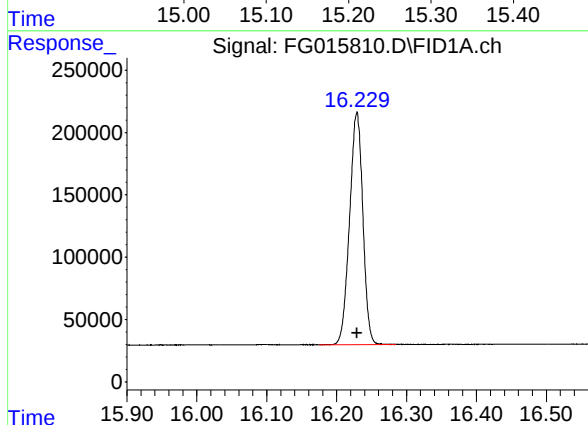
R.T.: 14.097 min
Delta R.T.: 0.000 min
Response: 2506351
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



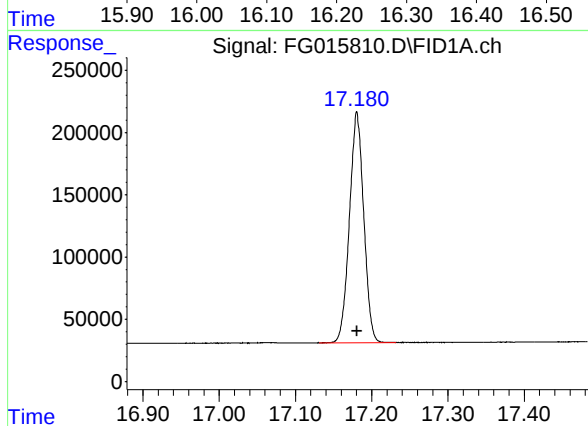
#14 n-Tetracosane (C24)

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



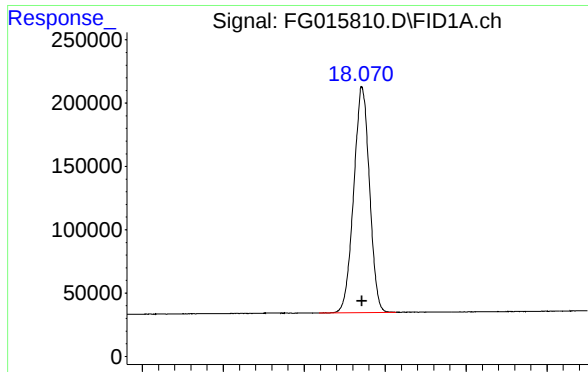
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

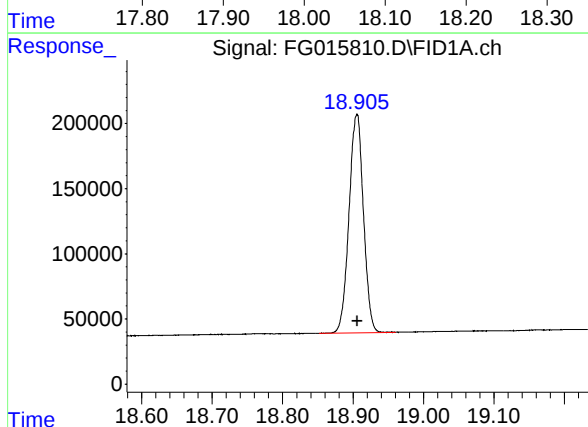
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 2410497
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

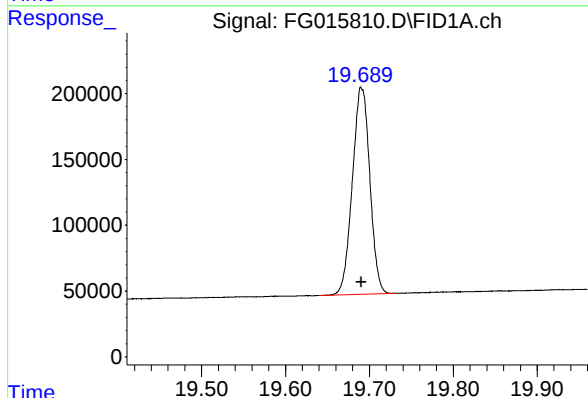
R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 2415823
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



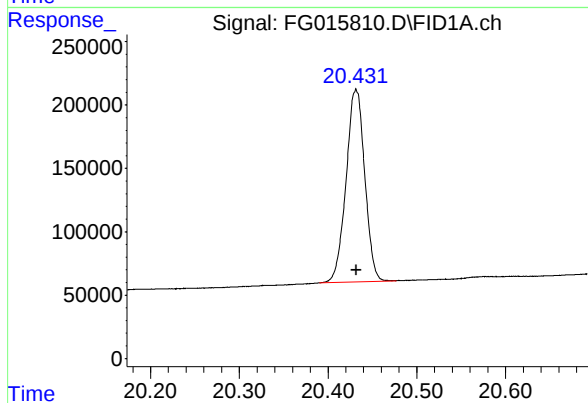
#18 n-Dotriacontane (C32)

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



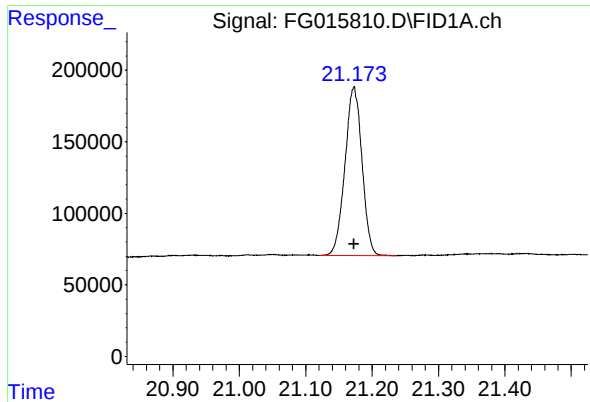
#19 n-Tetatriacontane (C34)

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



#20 n-Hexatriacontane (C36)

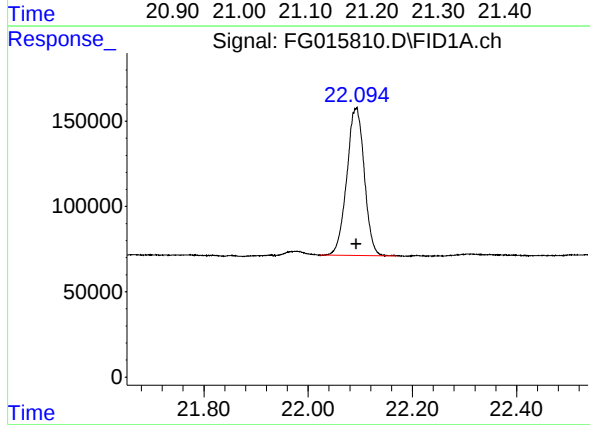
R.T.: 20.432 min
Delta R.T.: 0.000 min
Response: 2217509
Conc: 20.00 ug/ml



#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

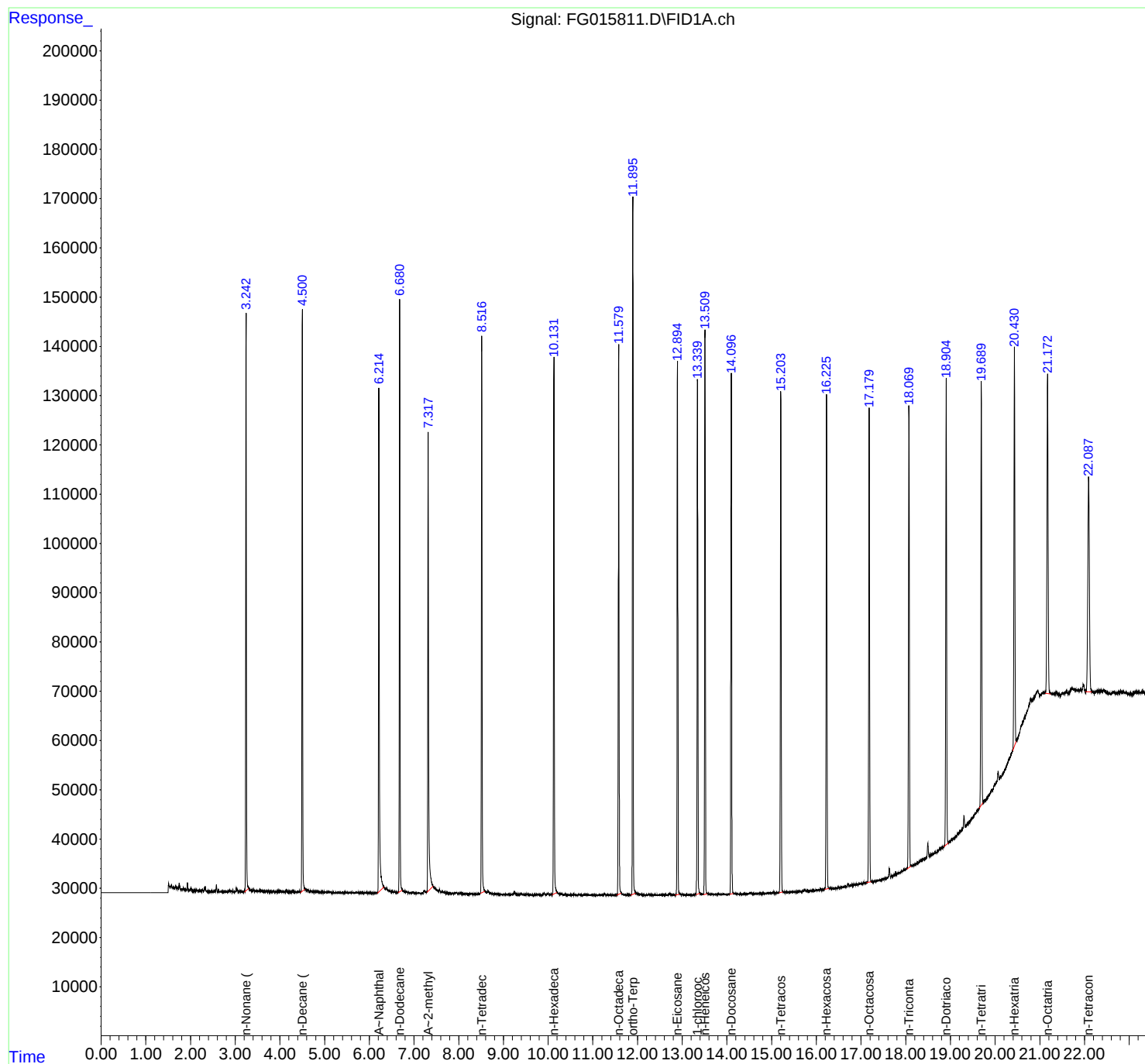
(m)=manual int.

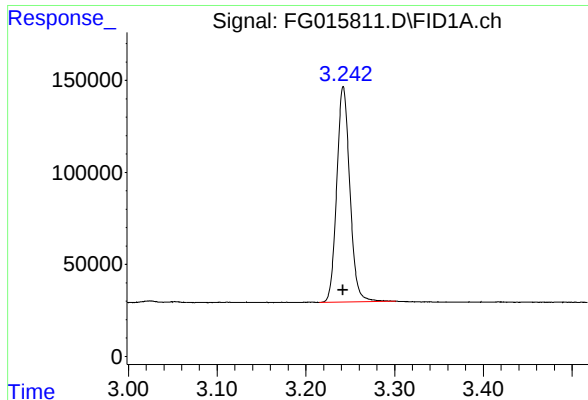
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015811.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 11:58
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

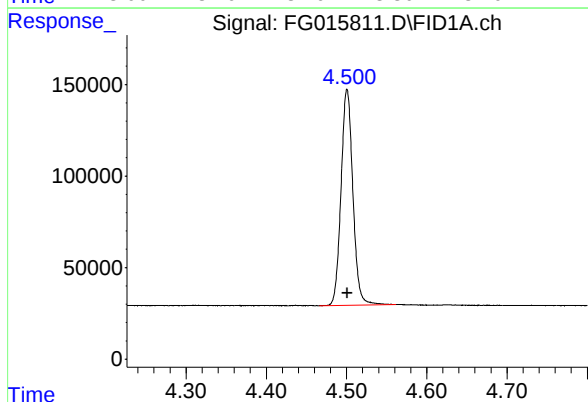




#1 n-Nonane (C9)

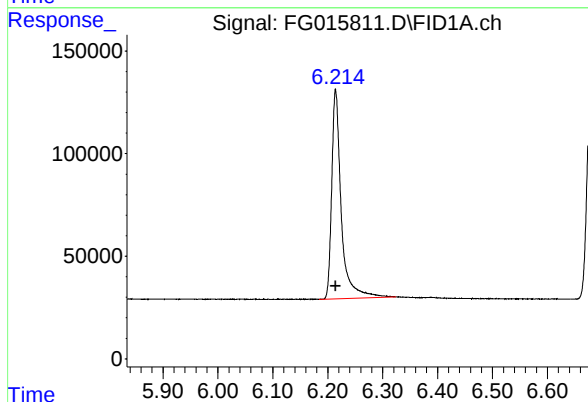
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 1201212
Conc: 10.59 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



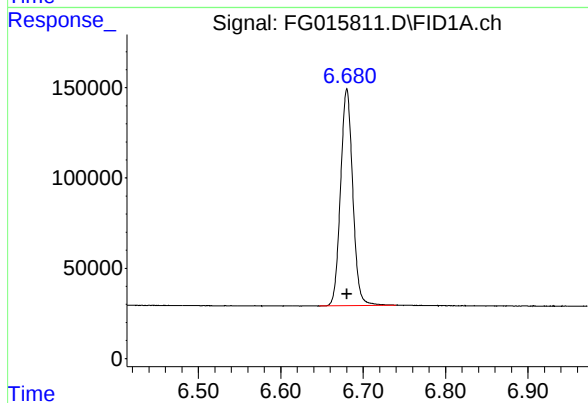
#2 n-Decane (C10)

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



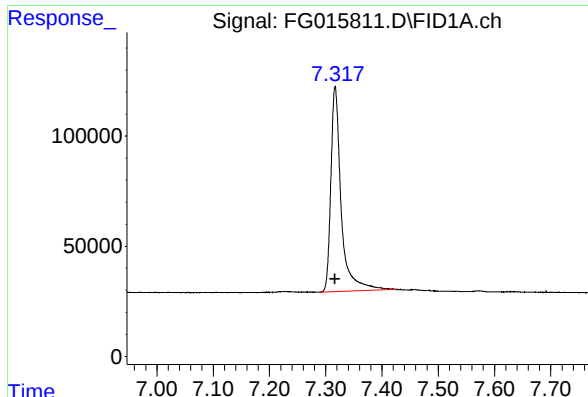
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

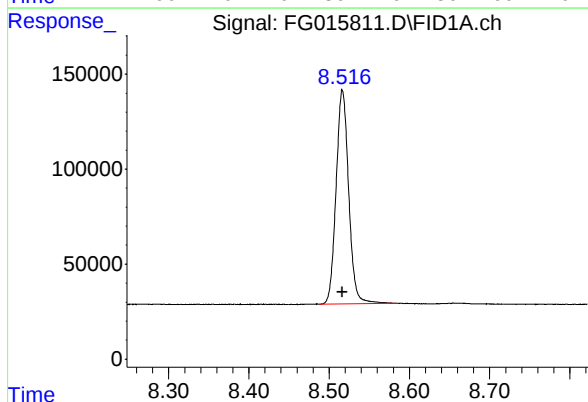
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 1231371
Conc: 10.56 ug/ml



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

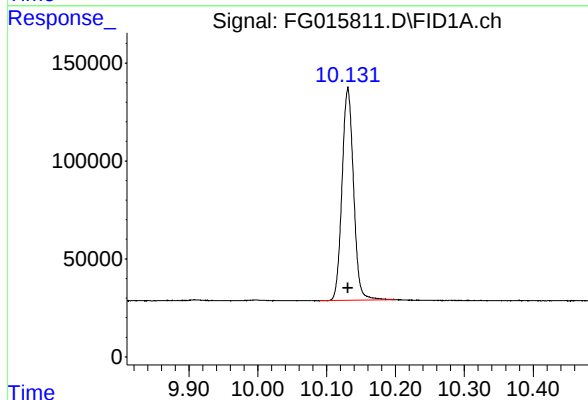
R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 1189879
Conc: 9.96 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



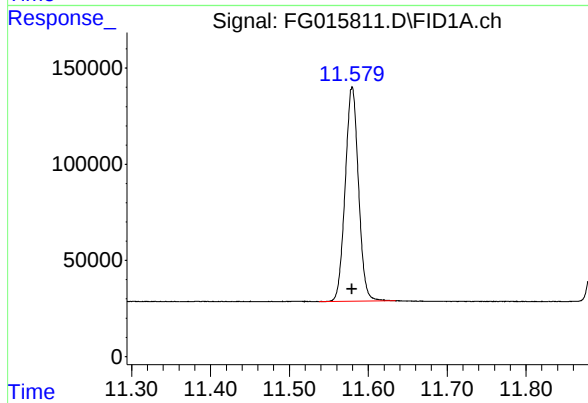
#6 n-Tetradecane (C14)

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



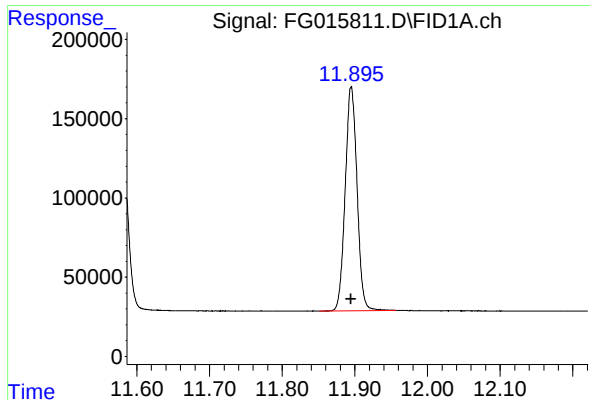
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

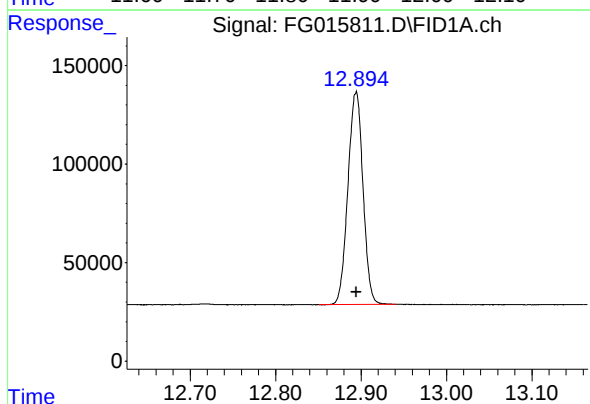
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 1305400
Conc: 10.66 ug/ml



#9 ortho-Terphenyl (SURR)

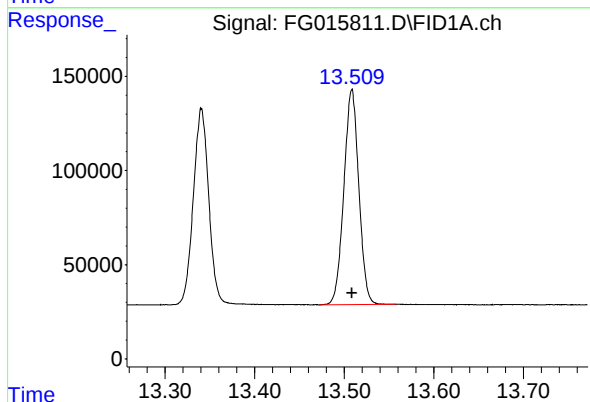
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 1602836
Conc: 10.70 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



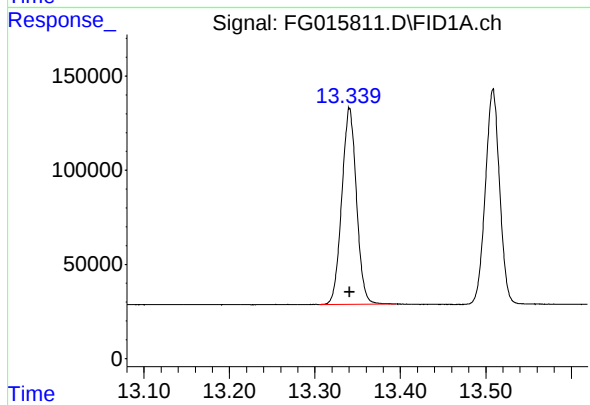
#10 n-Eicosane (C20)

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



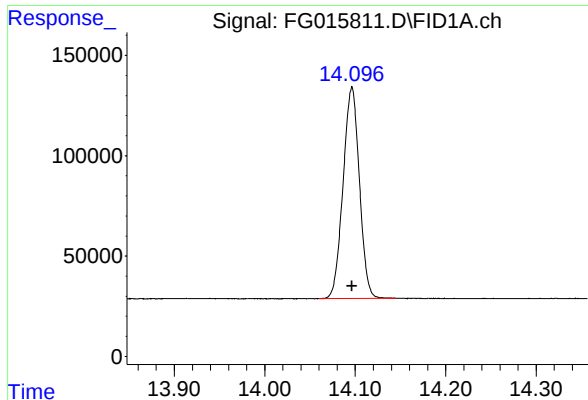
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

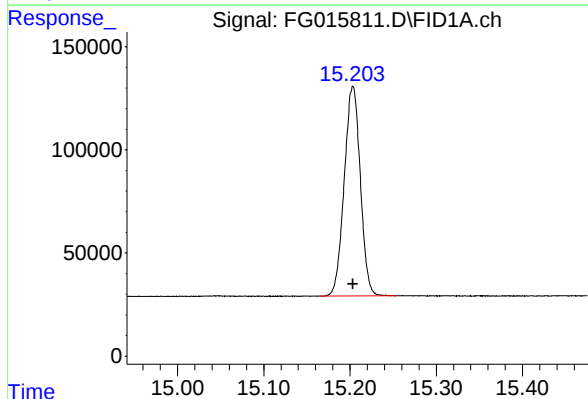
R.T.: 13.341 min
Delta R.T.: 0.000 min
Response: 1243902
Conc: 10.74 ug/ml



#13 n-Docosane (C22)

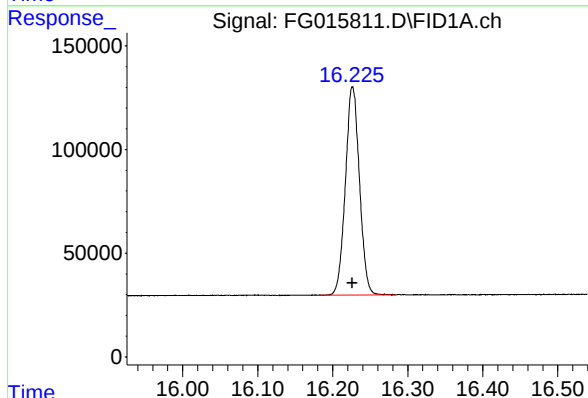
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 1322212
Conc: 10.84 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



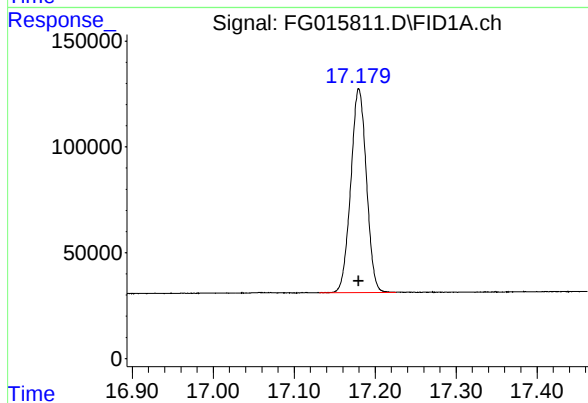
#14 n-Tetracosane (C24)

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



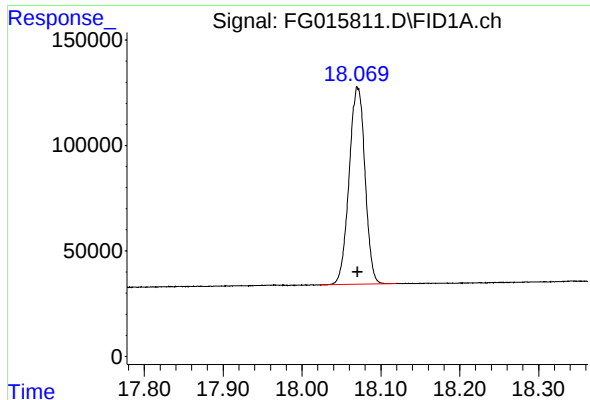
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

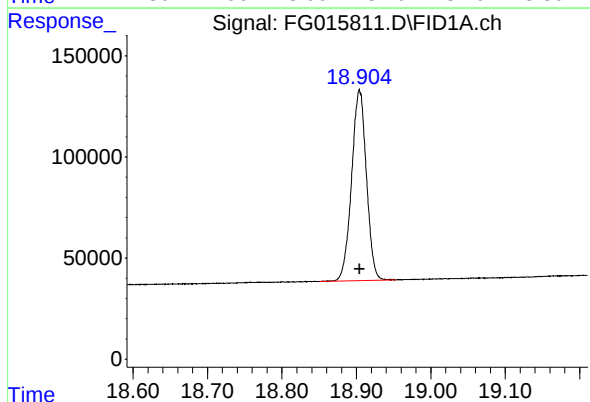
R.T.: 17.180 min
Delta R.T.: 0.000 min
Response: 1292913
Conc: 11.03 ug/ml



#17 n-Tricontane (C30)

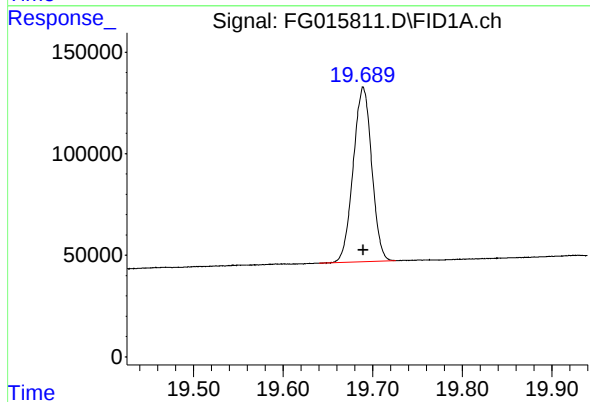
R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 1309744
Conc: 11.15 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



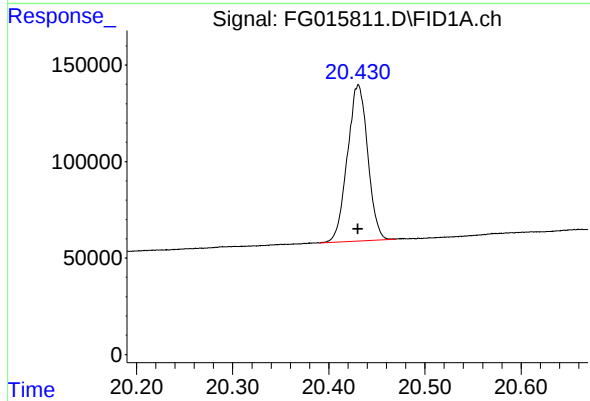
#18 n-Dotriacontane (C32)

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



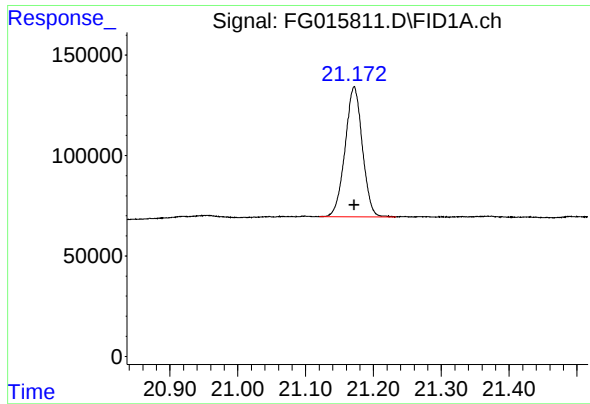
#19 n-Tetatriacontane (C34)

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



#20 n-Hexatriacontane (C36)

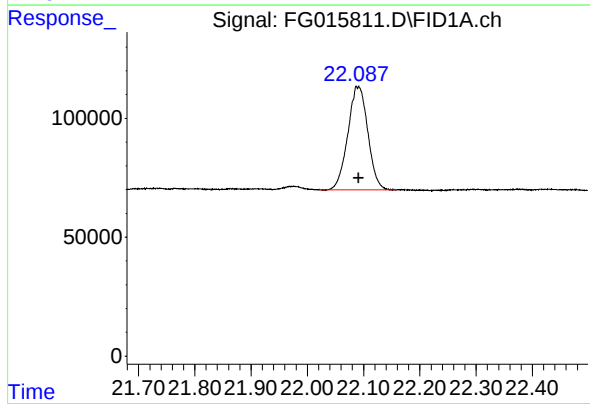
R.T.: 20.431 min
Delta R.T.: 0.000 min
Response: 1187406
Conc: 11.02 ug/ml



#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

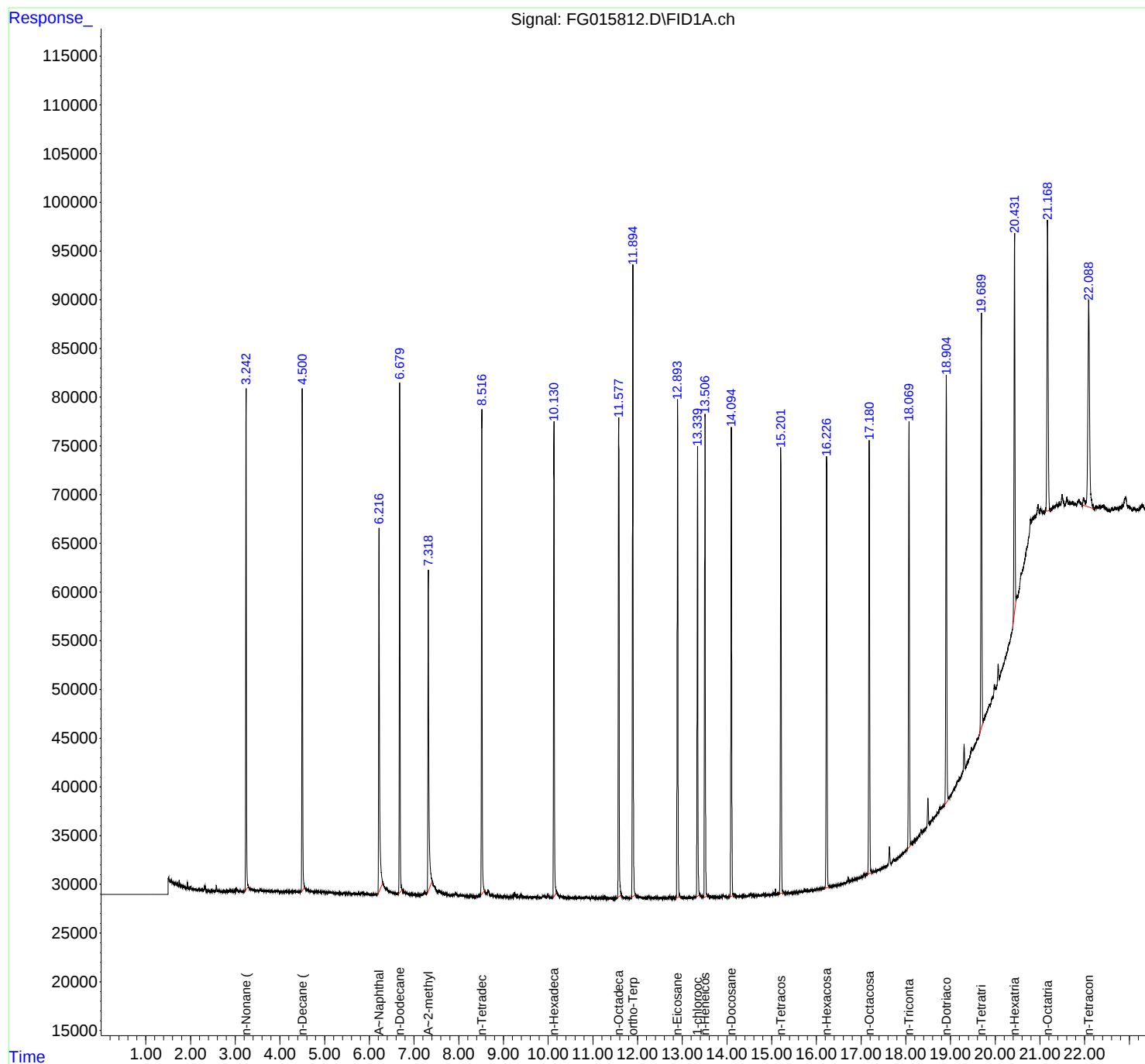
(m)=manual int.

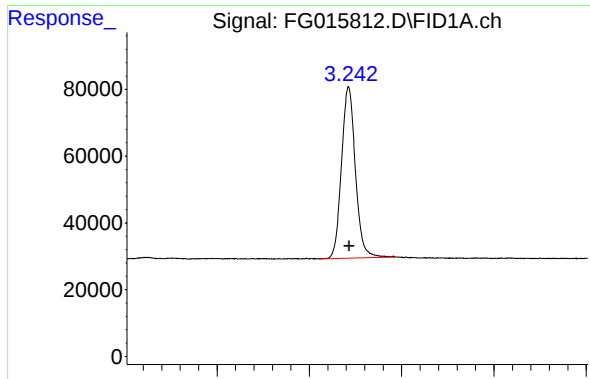
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015812.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 12:27
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

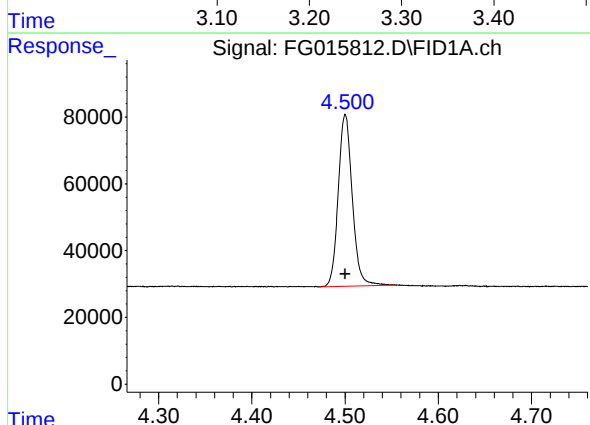




#1 n-Nonane (C9)

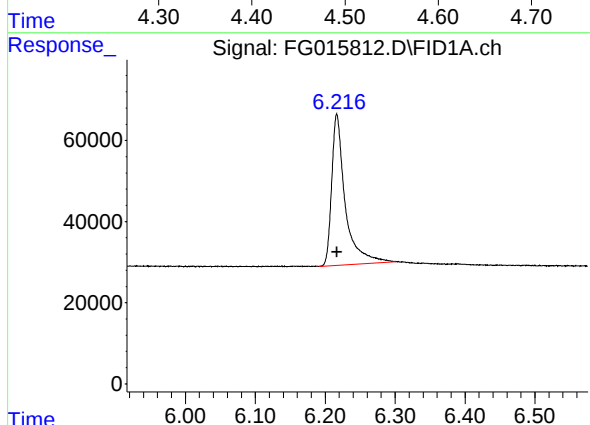
R.T.: 3.243 min
Delta R.T.: 0.000 min
Response: 536107
Conc: 4.78 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



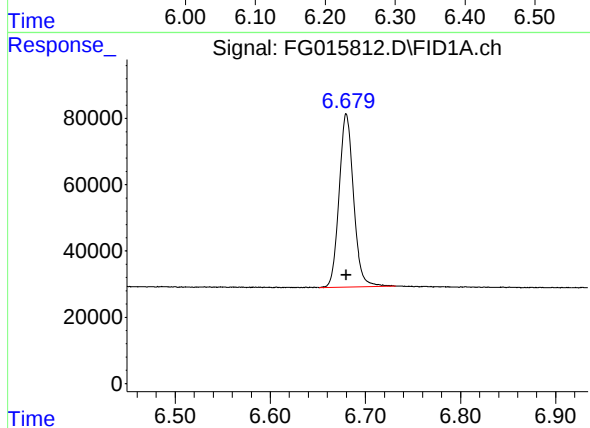
#2 n-Decane (C10)

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



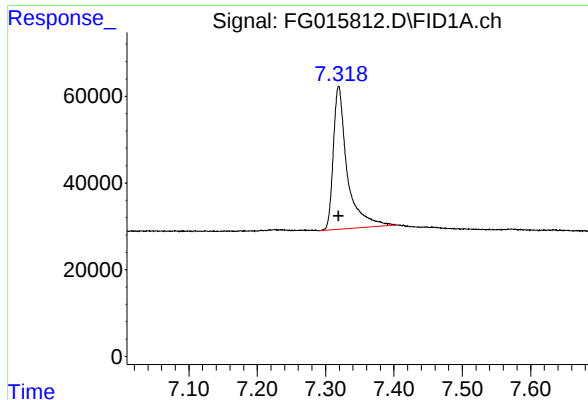
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

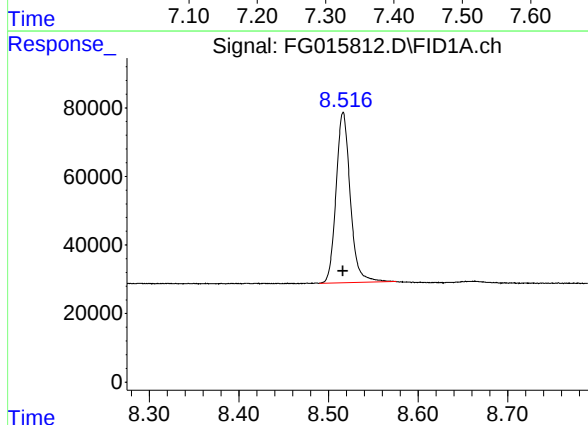
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 547840
Conc: 4.75 ug/ml



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

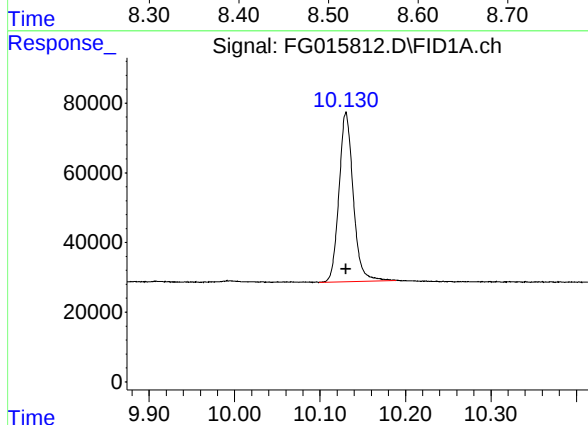
R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 467175
Conc: 4.09 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



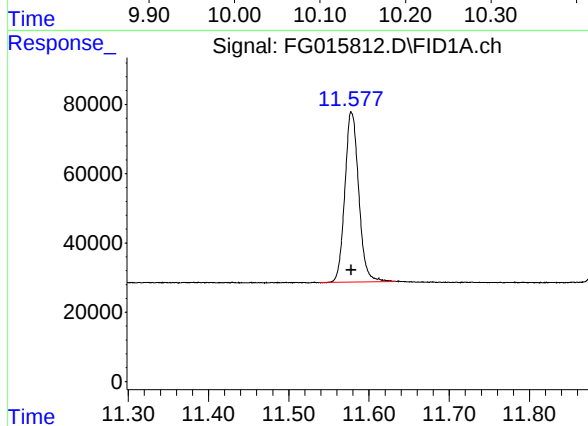
#6 n-Tetradecane (C14)

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



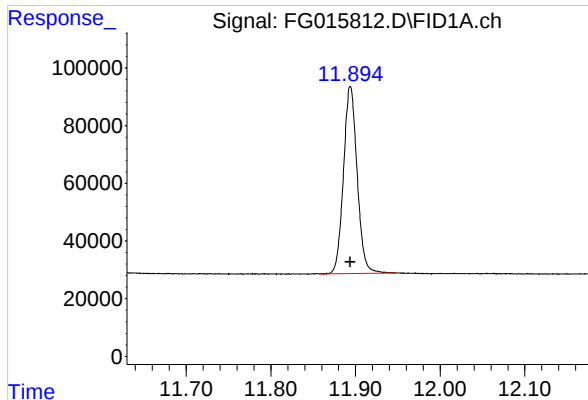
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

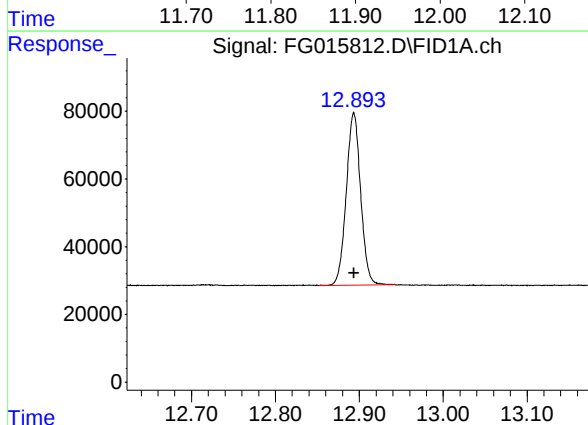
R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 589123
Conc: 4.85 ug/ml



#9 ortho-Terphenyl (SURR)

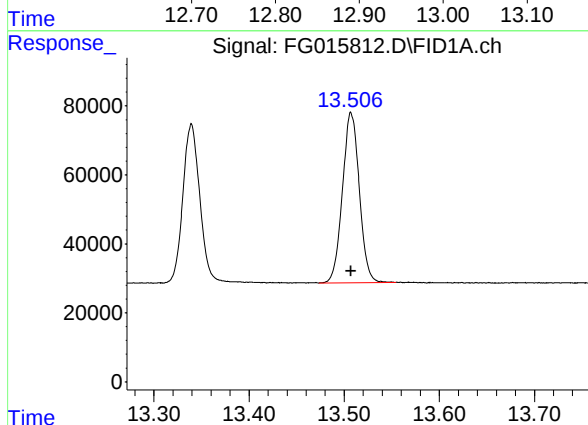
R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 727053
Conc: 4.88 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



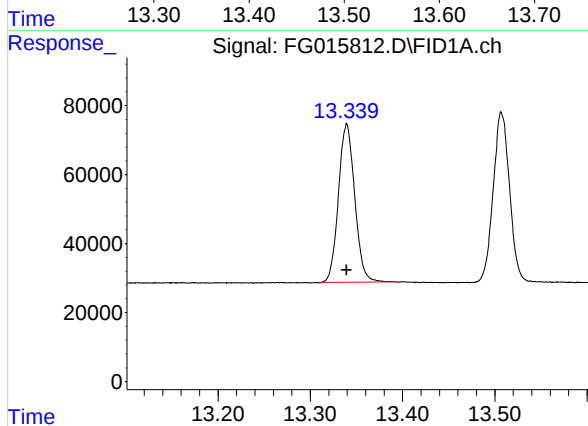
#10 n-Eicosane (C20)

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



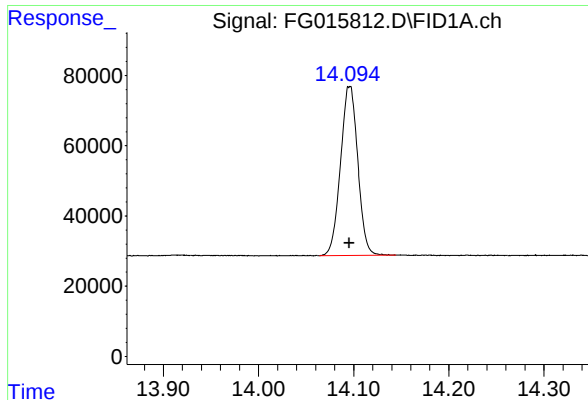
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

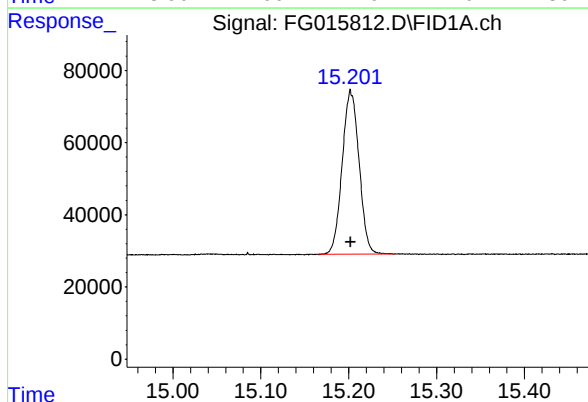
R.T.: 13.340 min
Delta R.T.: 0.000 min
Response: 563684
Conc: 4.89 ug/ml



#13 n-Docosane (C22)

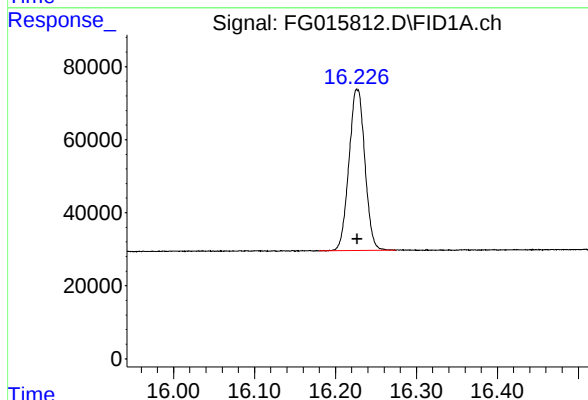
R.T.: 14.096 min
Delta R.T.: 0.000 min
Response: 606356
Conc: 4.98 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



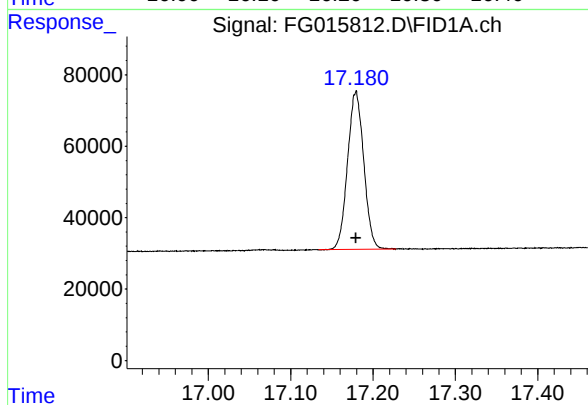
#14 n-Tetracosane (C24)

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



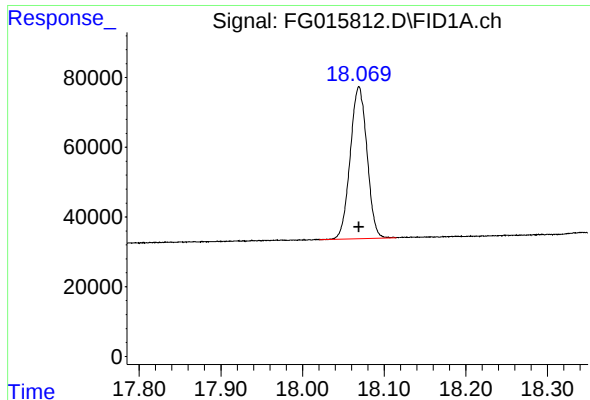
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

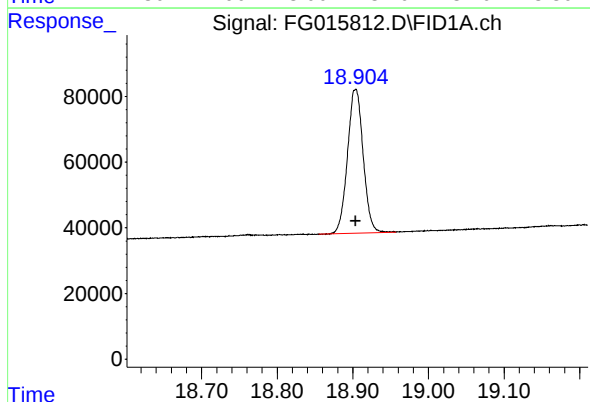
R.T.: 17.179 min
Delta R.T.: 0.000 min
Response: 604215
Conc: 5.12 ug/ml



#17 n-Tricontane (C30)

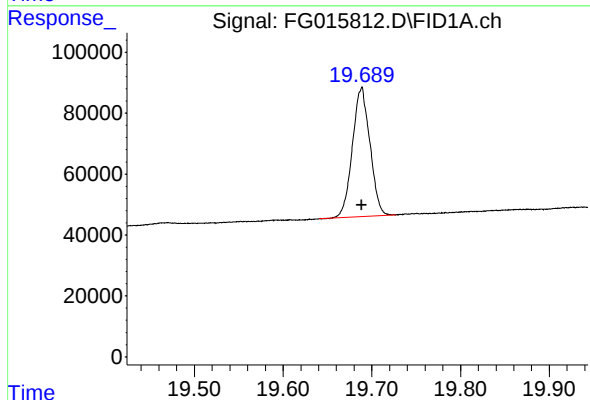
R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 621666
Conc: 5.23 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



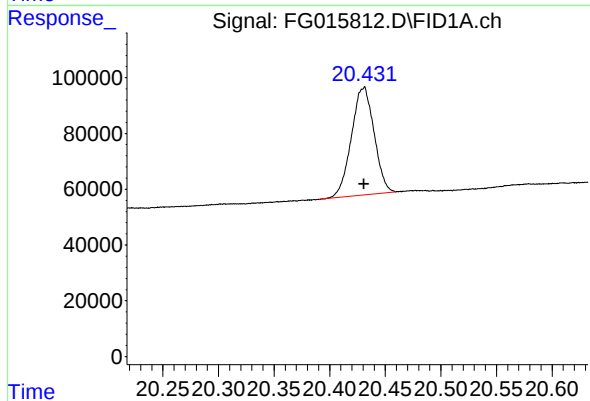
#18 n-Dotriacontane (C32)

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



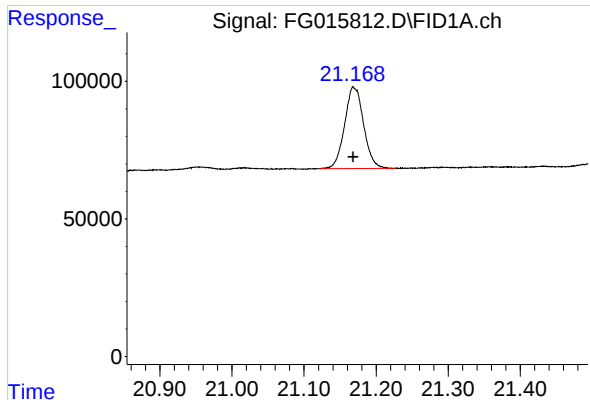
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

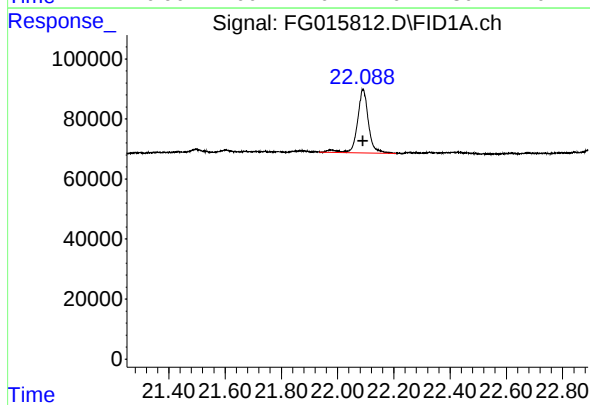
R.T.: 20.431 min
Delta R.T.: 0.000 min
Response: 548987
Conc: 5.08 ug/ml



#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

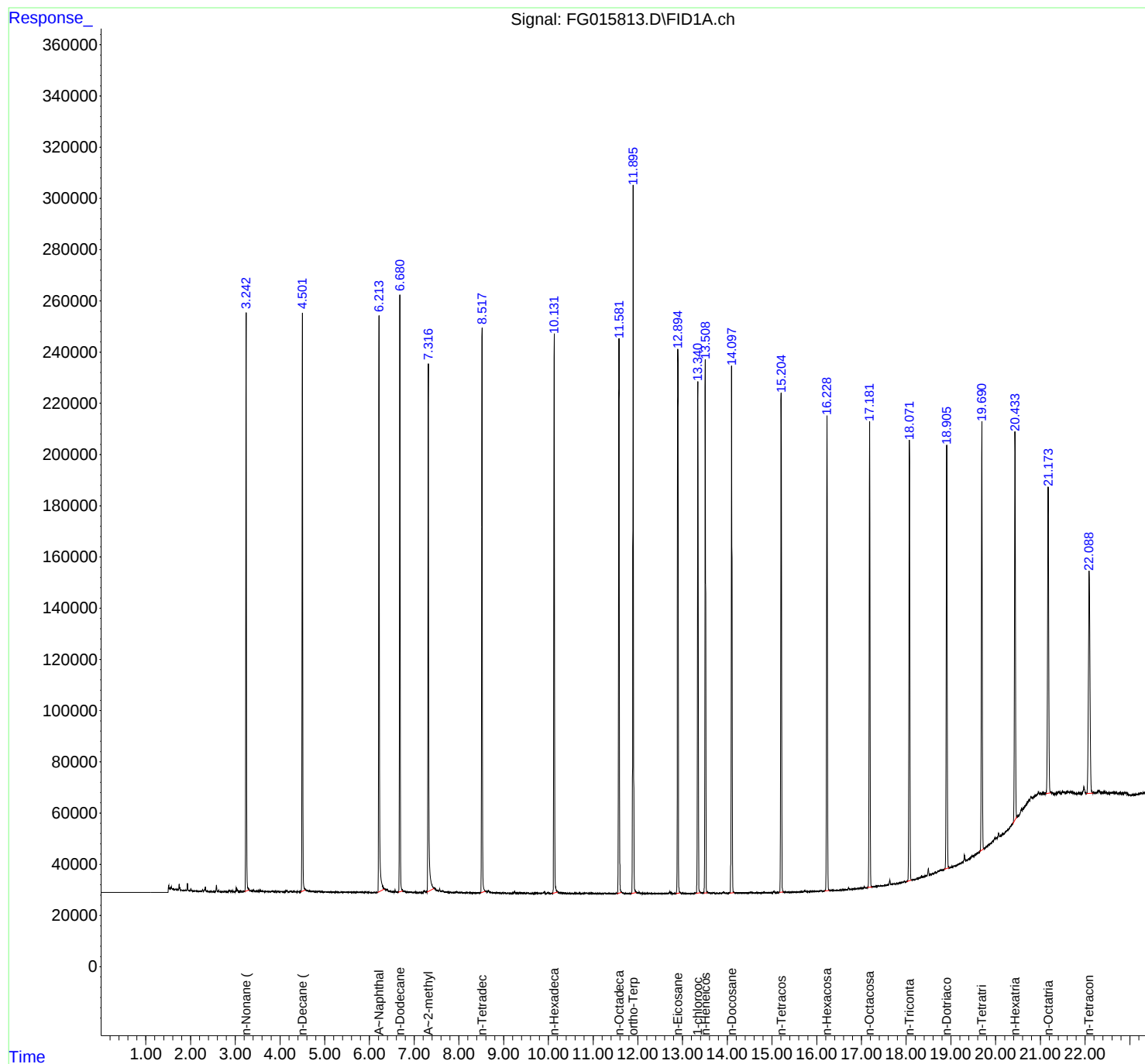
(m)=manual int.

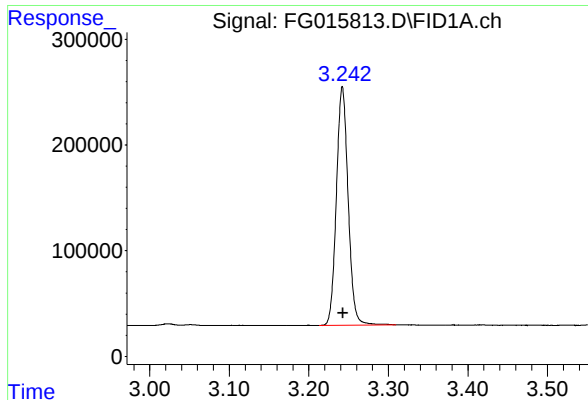
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051225AL\
Data File : FG015813.D
Signal(s) : FID1A.ch
Acq On : 12 May 2025 12:56
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

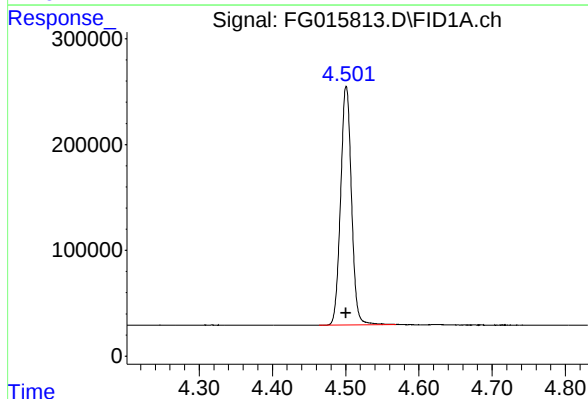




#1 n-Nonane (C9)

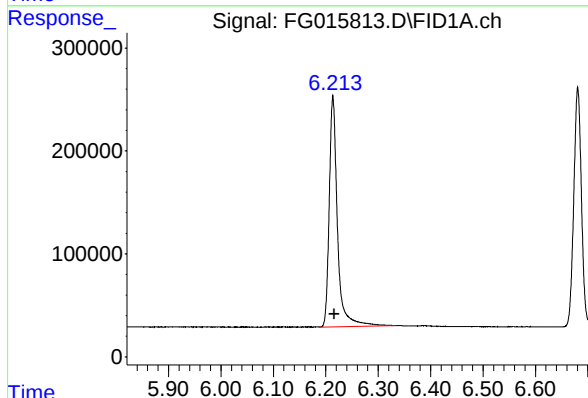
R.T.: 3.242 min
Delta R.T.: 0.000 min
Response: 2310984
Conc: 20.60 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



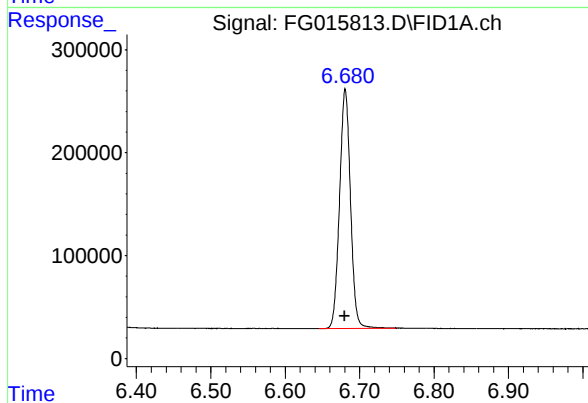
#2 n-Decane (C10)

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



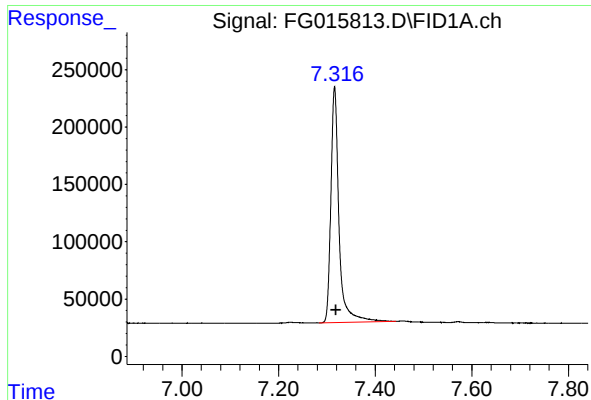
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

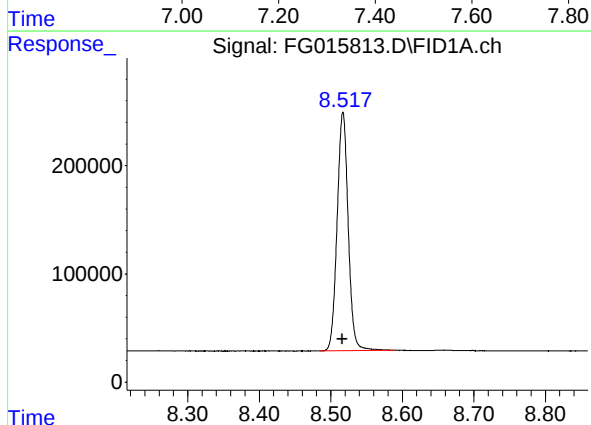
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 2372395
Conc: 20.59 ug/ml



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

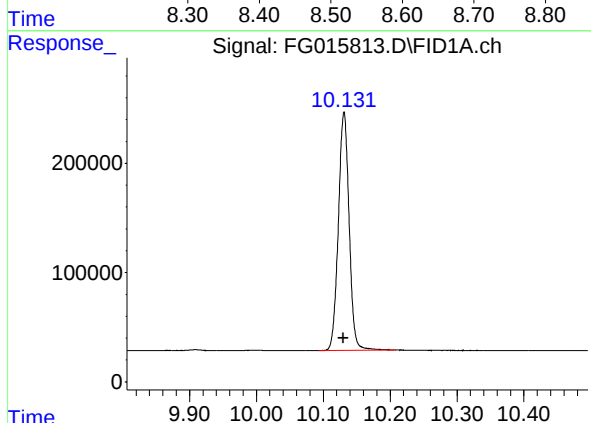
R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 2407866
Conc: 21.08 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



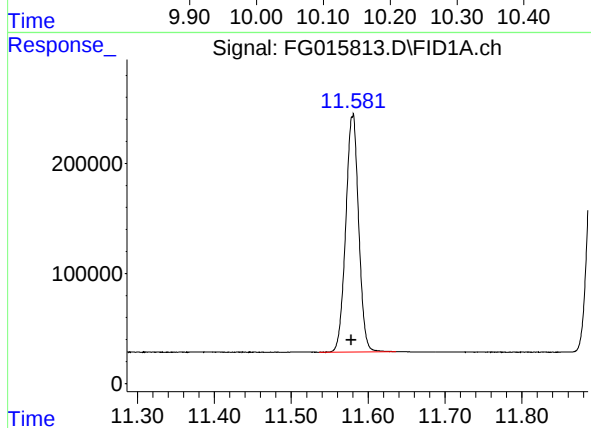
#6 n-Tetradecane (C14)

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



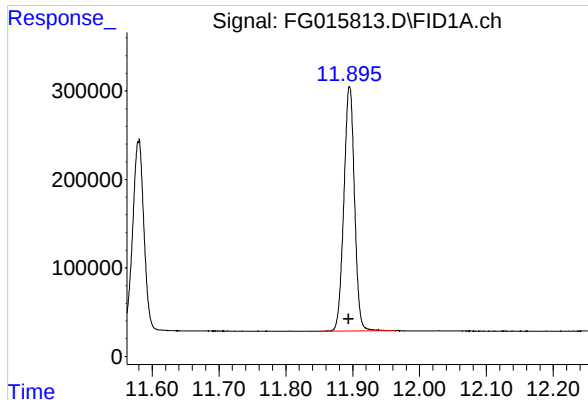
#7 n-Hexadecane (C16)

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)

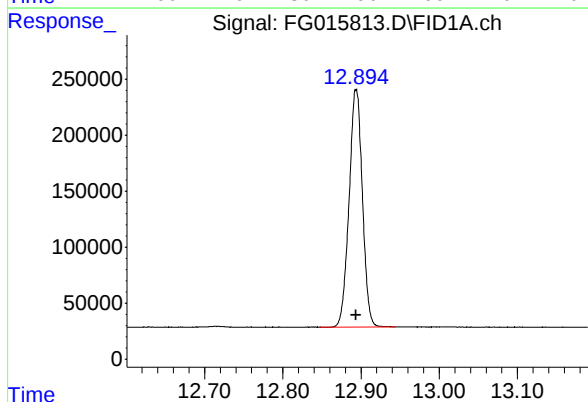
R.T.: 11.895 min
Delta R.T.: 0.001 min
Response: 3059416
Conc: 20.55 ug/ml

Instrument :

FID_G

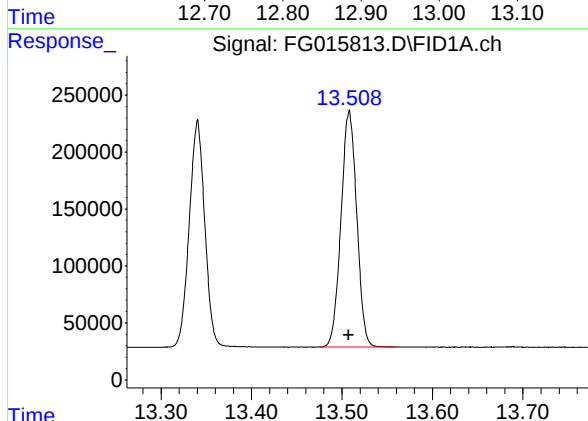
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



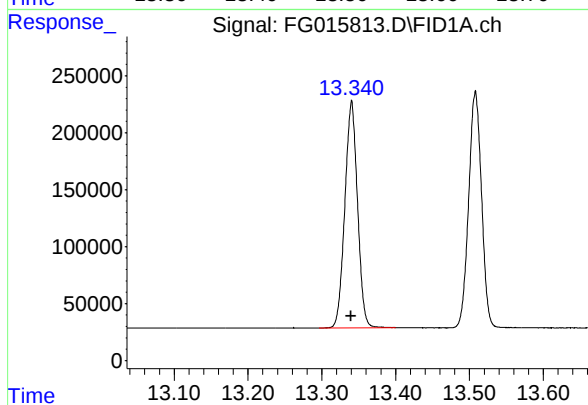
#10 n-Eicosane (C20)

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



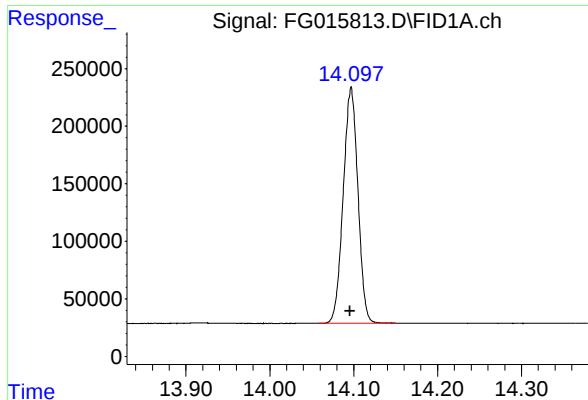
#11 n-Heneicosane (C21)

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)

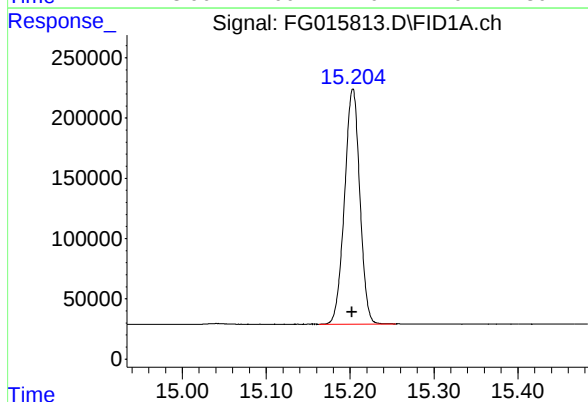
R.T.: 14.097 min
Delta R.T.: 0.001 min
Response: 2495966
Conc: 20.49 ug/ml

Instrument :

FID_G

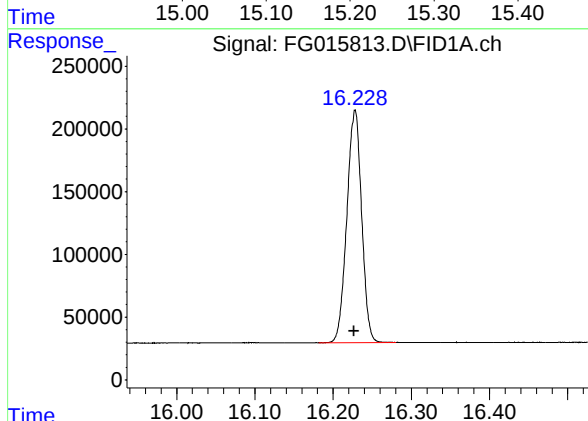
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



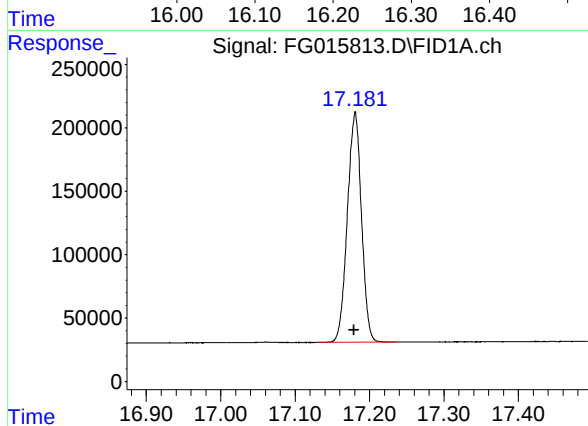
#14 n-Tetracosane (C24)

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



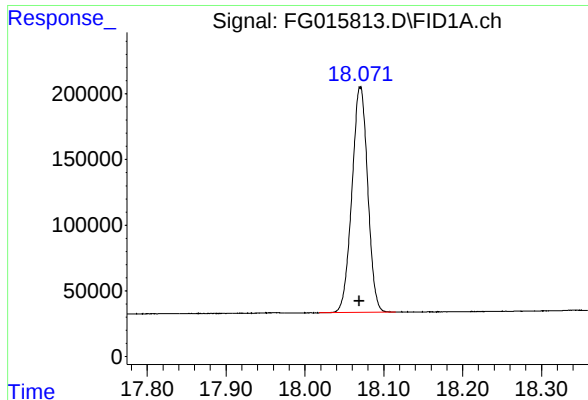
#15 n-Hexacosane (C26)

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)

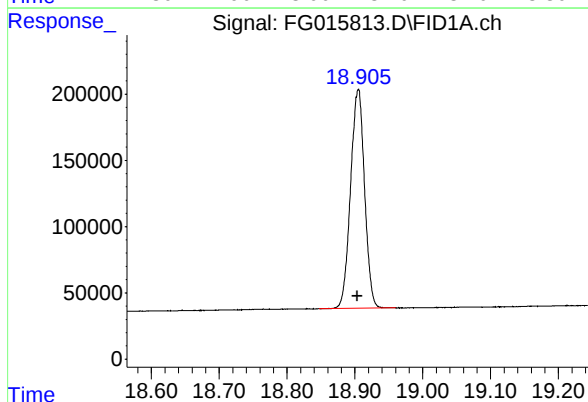
R.T.: 18.070 min
Delta R.T.: 0.001 min
Response: 2386236
Conc: 20.08 ug/ml

Instrument :

FID_G

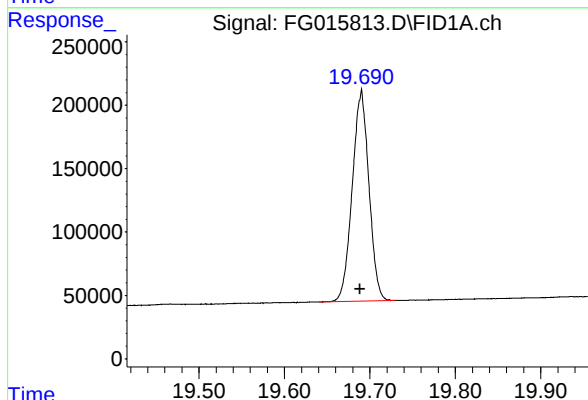
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



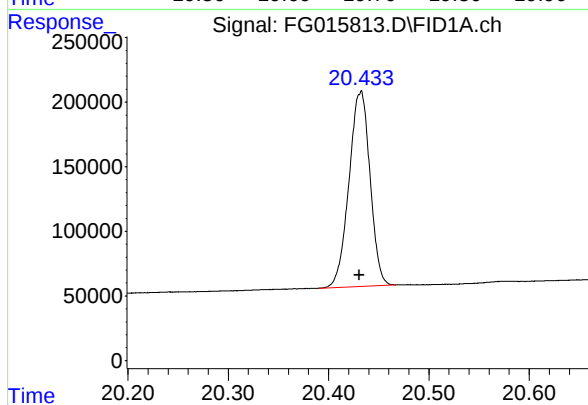
#18 n-Dotriacontane (C32)

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



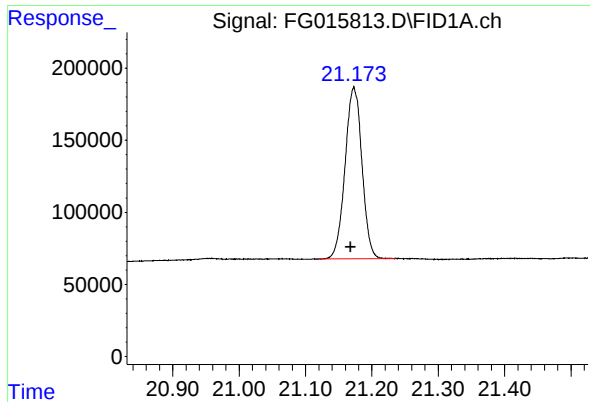
#19 n-Tetatriacontane (C34)

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



#20 n-Hexatriacontane (C36)

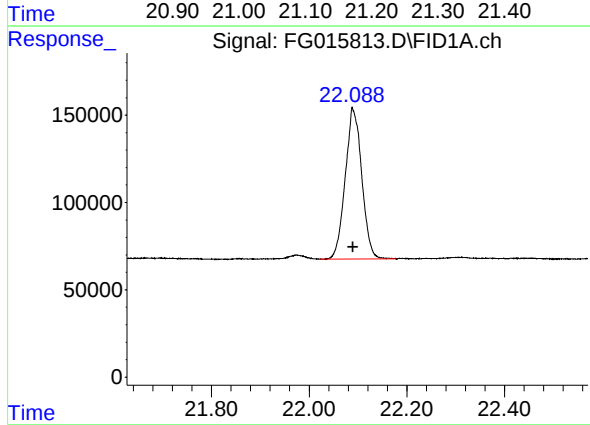
R.T.: 20.432 min
Delta R.T.: 0.001 min
Response: 2198487
Conc: 20.33 ug/ml



#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

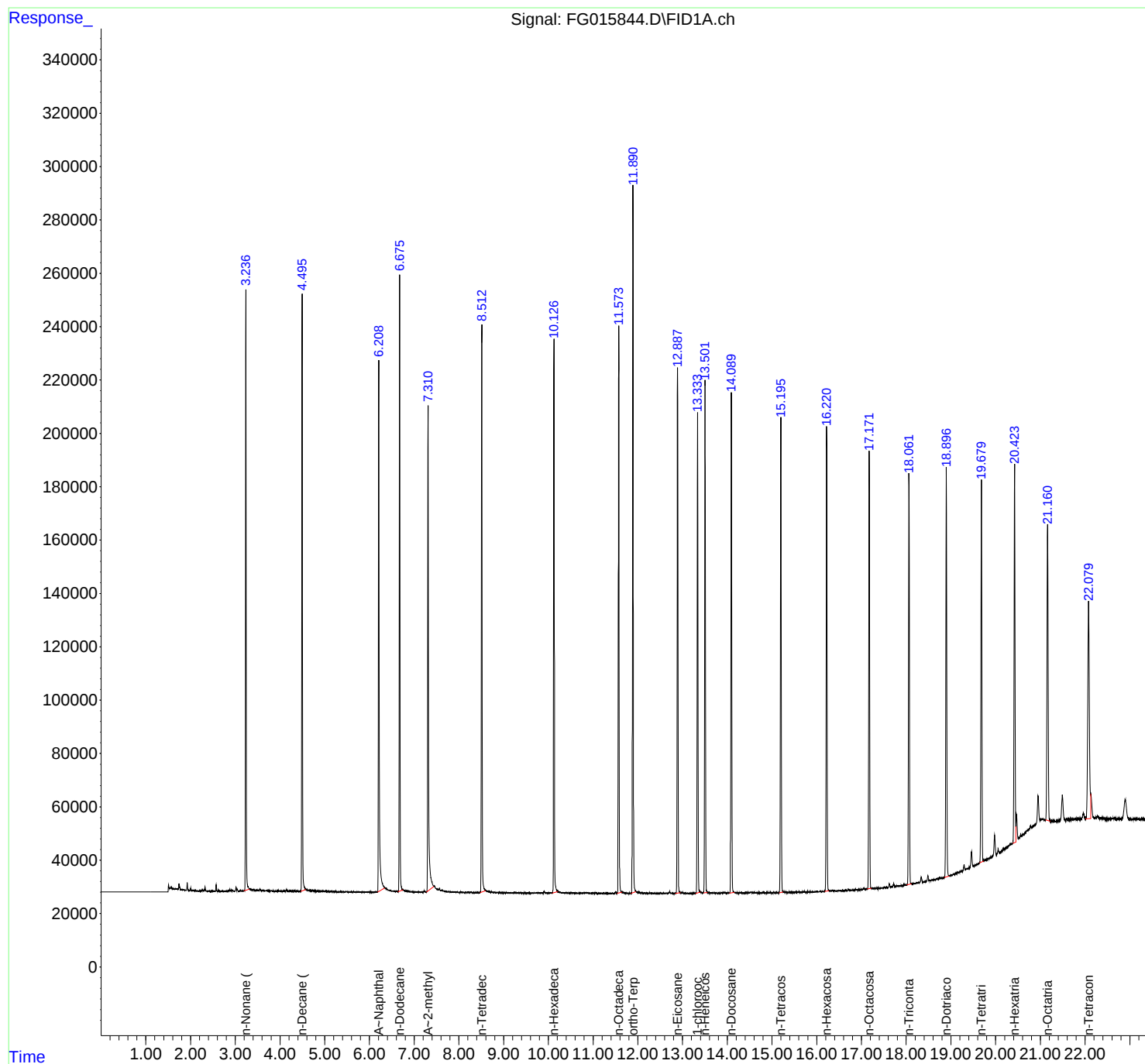
Instrument :
FID_G
Client Sample Id :
20 PPM ALIPHATIC HC STD

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

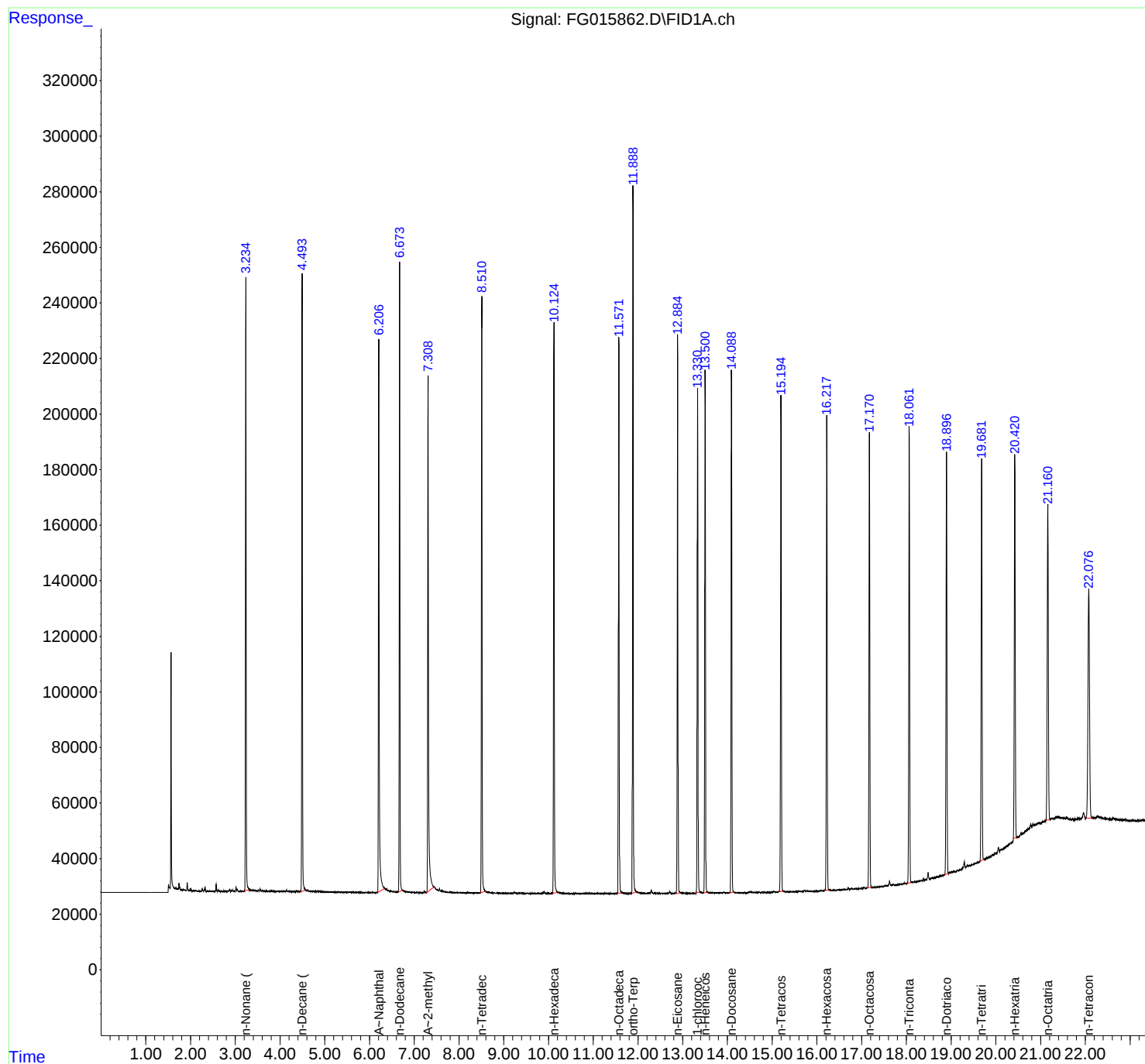
(m)=manual int.

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



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:	32 Sayer Pl, Hillsdale		Date Received:		
Client Sample ID:	PB168029BL		SDG No.:	Q2003	
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:	32 Sayer Pl, Hillsdale	Date Received:	
Client Sample ID:	PB168029BL	SDG No.:	Q2003
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

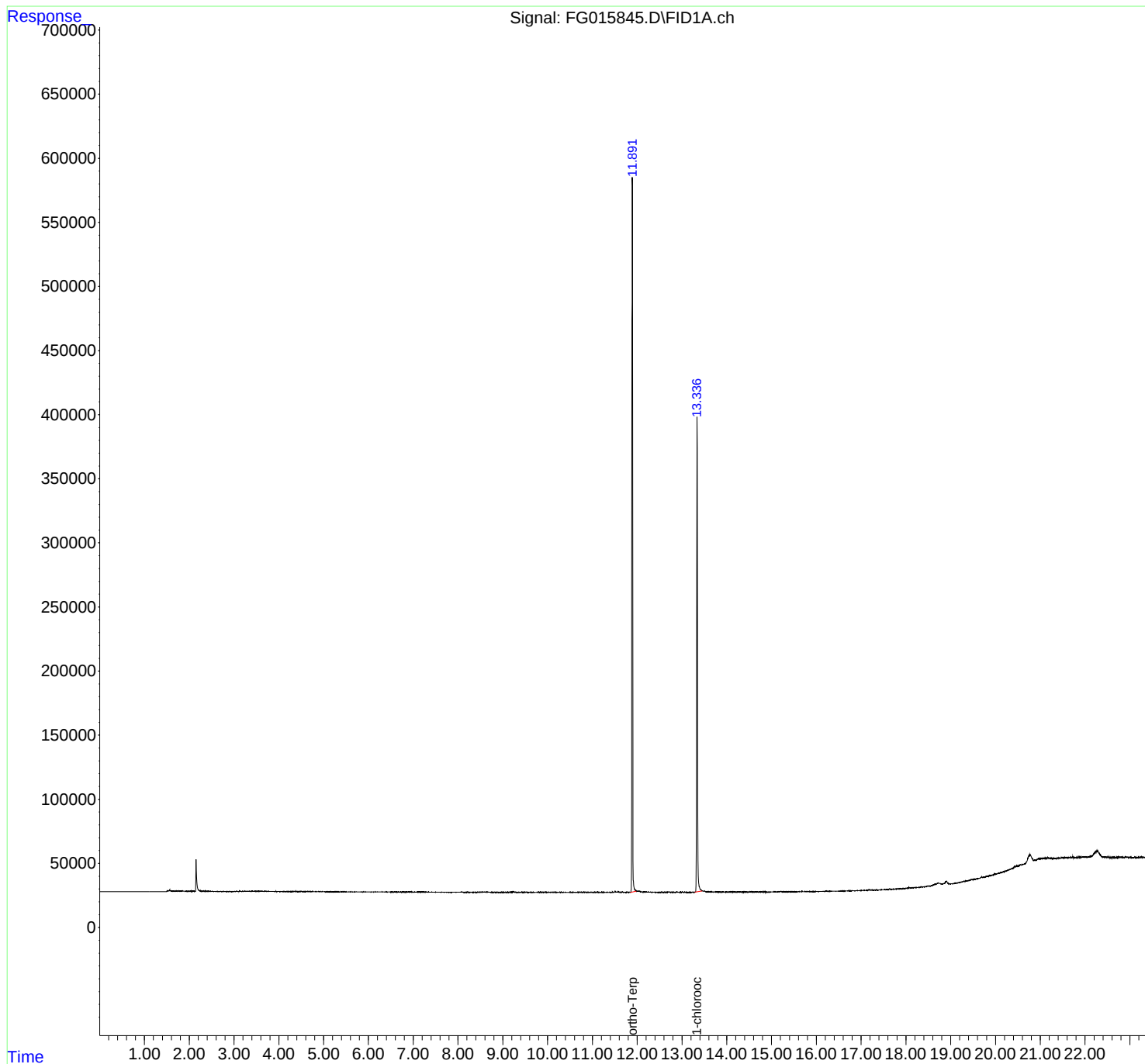
(m)=manual int.

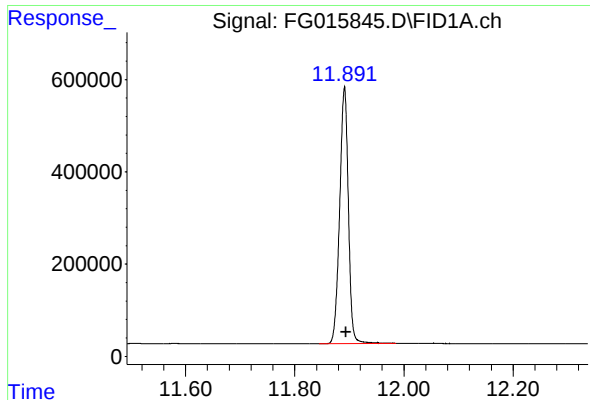
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
Data File : FG015845.D
Signal(s) : FID1A.ch
Acq On : 16 May 2025 11:30
Operator : YP\AJ
Sample : PB168029BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

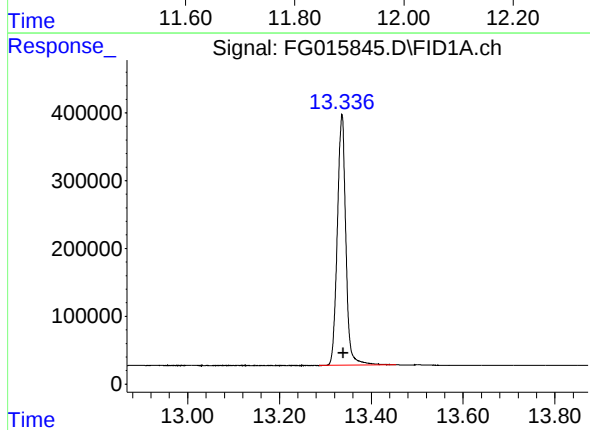




#9 ortho-Terphenyl (SURR)

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:	32 Sayer Pl, Hillsdale	Date Received:	
Client Sample ID:	PB168029BS	SDG No.:	Q2003
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:	32 Sayer Pl, Hillsdale	Date Received:	
Client Sample ID:	PB168029BS	SDG No.:	Q2003
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

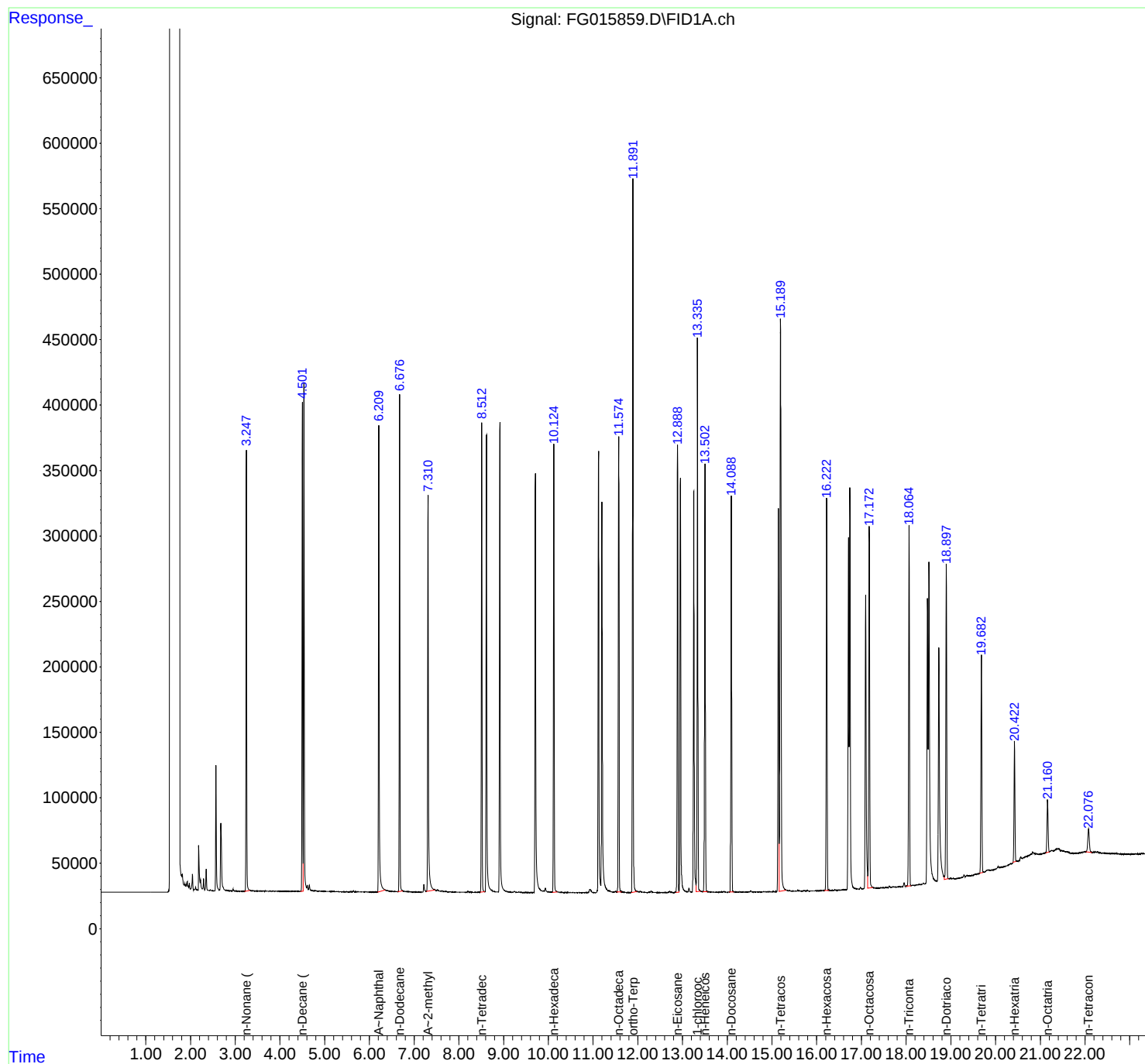
(m)=manual int.

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:	32 Sayer Pl, Hillsdale		Date Received:		
Client Sample ID:	PB168029BSD		SDG No.:	Q2003	
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:	32 Sayer Pl, Hillsdale	Date Received:	
Client Sample ID:	PB168029BSD	SDG No.:	Q2003
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

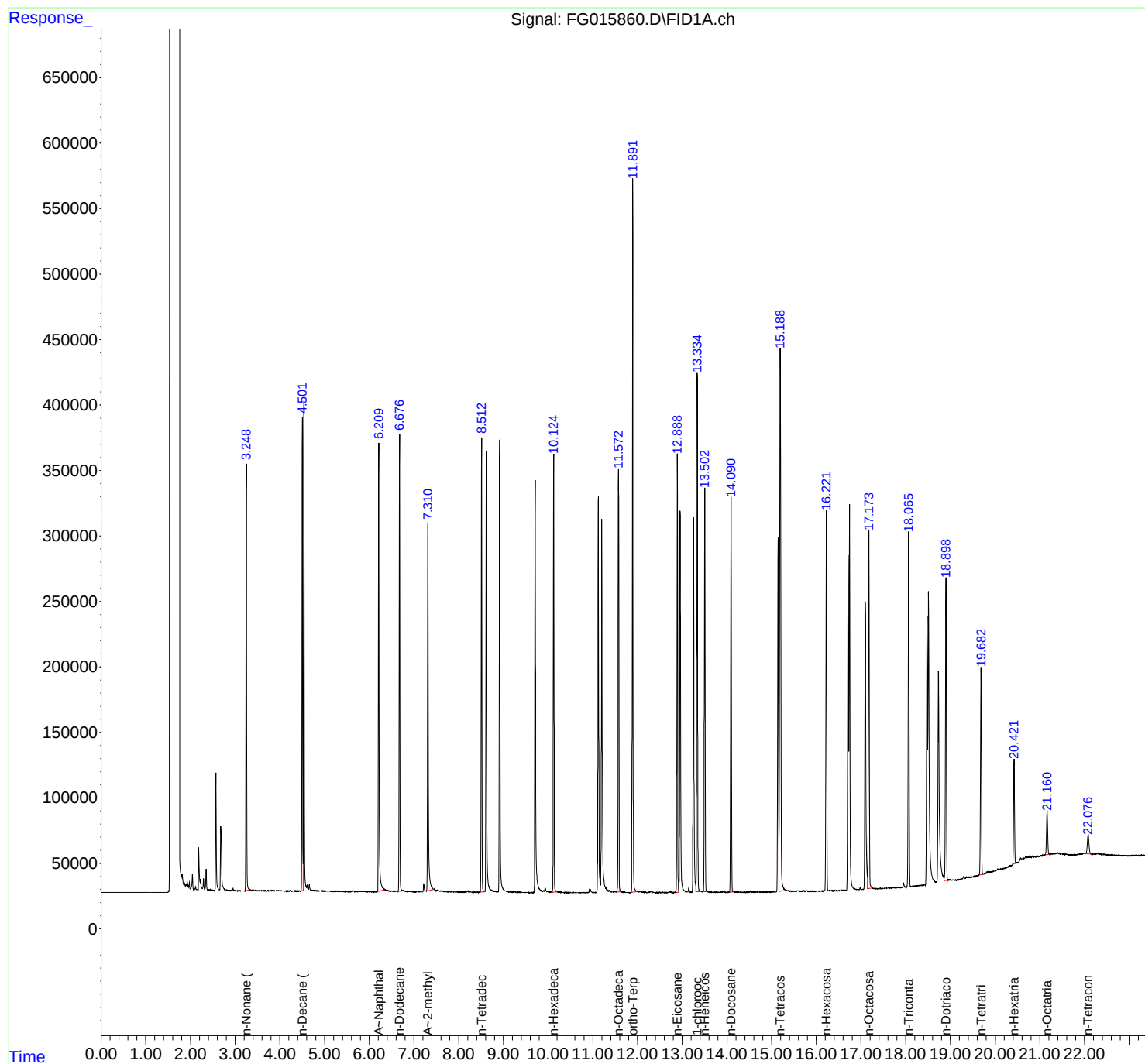
(m)=manual int.

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:	32 Sayer Pl, Hillsdale	Date Received:	
Client Sample ID:	5MS	SDG No.:	Q2003
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:	32 Sayer Pl, Hillsdale	Date Received:	
Client Sample ID:	5MS	SDG No.:	Q2003
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

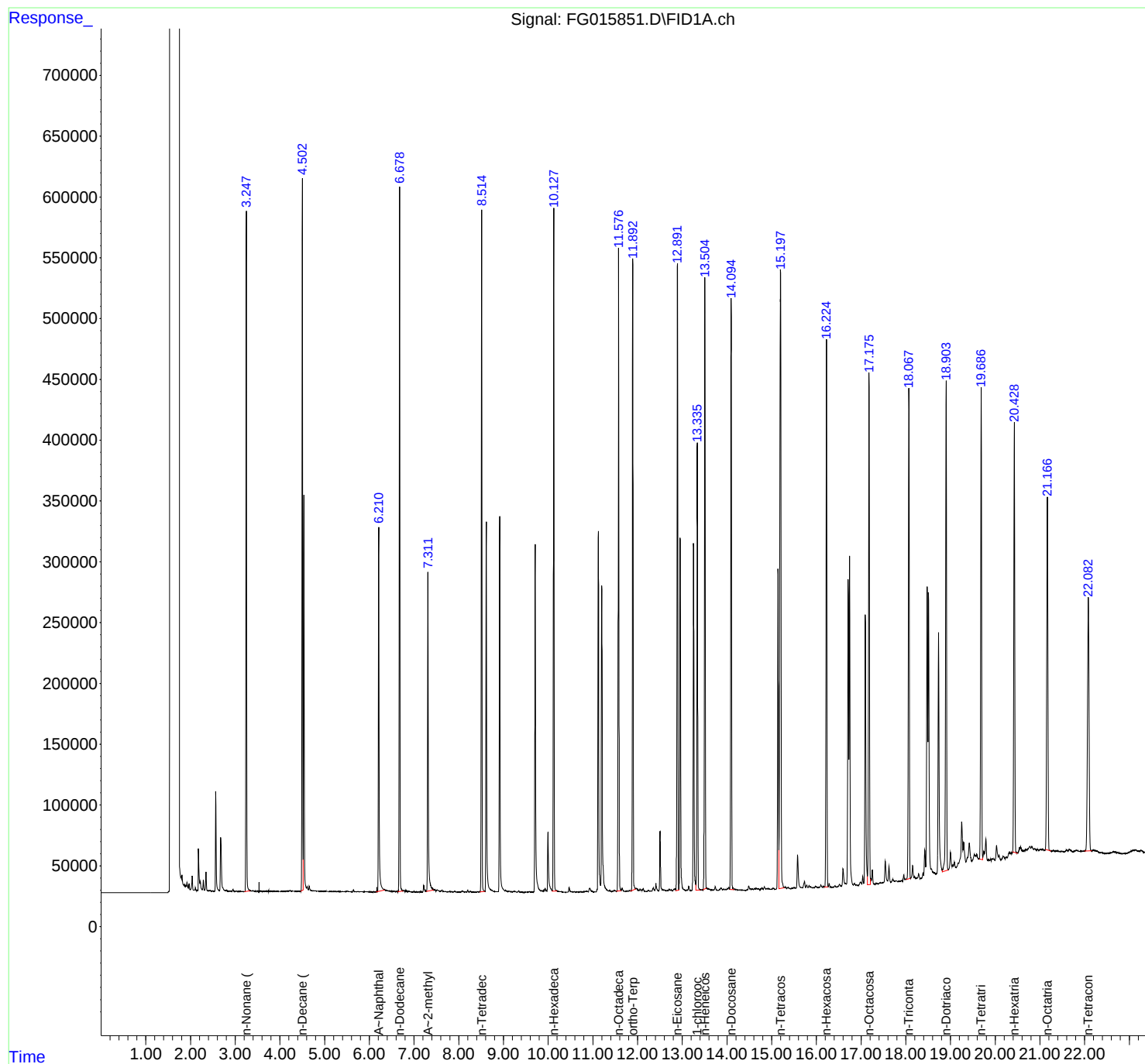
(m)=manual int.

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%

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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%

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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%

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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%

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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%

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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:	32 Sayer Pl, Hillsdale	Date Received:	
Client Sample ID:	5MSD	SDG No.:	Q2003
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:	32 Sayer Pl, Hillsdale	Date Received:	
Client Sample ID:	5MSD	SDG No.:	Q2003
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

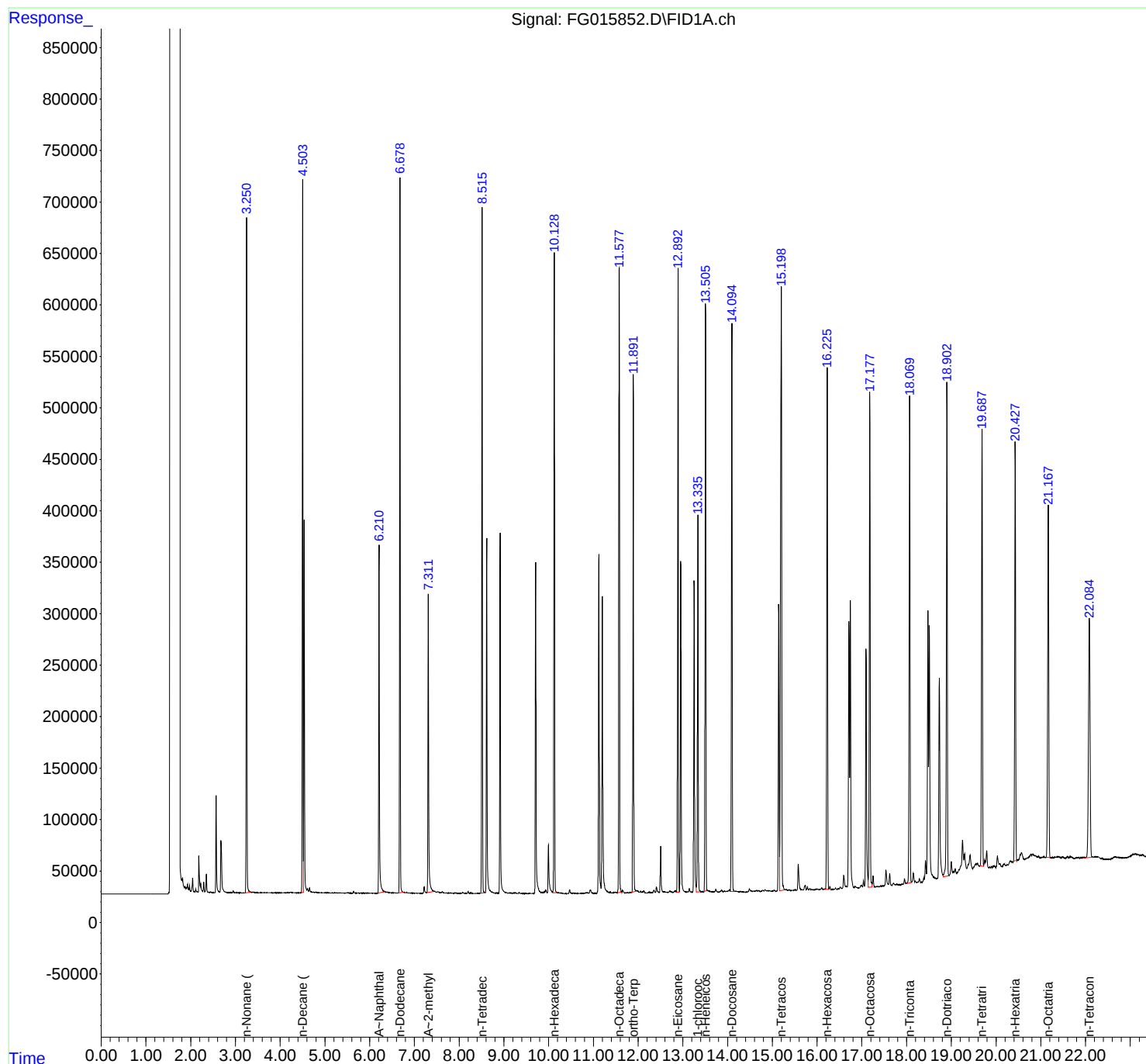
(m)=manual int.

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



rteres

Area Percent Report

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%

					rteres			
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%

rteres								
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		YPIAJ	Ok
2	I.BLK	I.BLK	FG015843.D	16 May 2025 10:28		YPIAJ	Ok
3	20 PPM ALIPHATIC HC	20 PPM ALIPHATIC HC	FG015844.D	16 May 2025 10:58		YPIAJ	Ok,NS
4	PB168029BL	PB168029BL	FG015845.D	16 May 2025 11:30		YPIAJ	Ok
5	Q2003-03	1	FG015846.D	16 May 2025 12:58		YPIAJ	Ok
6	Q2003-04	2	FG015847.D	16 May 2025 13:28		YPIAJ	Ok
7	Q2003-05	3	FG015848.D	16 May 2025 13:57		YPIAJ	Ok
8	Q2003-06	4	FG015849.D	16 May 2025 14:27		YPIAJ	Ok
9	Q2003-07	5	FG015850.D	16 May 2025 14:56		YPIAJ	Ok
10	Q2003-07MS	5MS	FG015851.D	16 May 2025 15:25	FG015850.D	YPIAJ	Ok
11	Q2003-07MSD	5MSD	FG015852.D	16 May 2025 15:55	FG015850.D!FG015851.D	YPIAJ	Ok
12	Q2021-03	1	FG015853.D	16 May 2025 16:24		YPIAJ	Ok
13	Q2021-04	2	FG015854.D	16 May 2025 16:54		YPIAJ	Ok
14	Q2021-05	3	FG015855.D	16 May 2025 17:23		YPIAJ	Ok
15	Q2021-06	4	FG015856.D	16 May 2025 17:53		YPIAJ	Ok
16	Q2021-07	5	FG015857.D	16 May 2025 18:22		YPIAJ	Ok
17	Q2021-08	6	FG015858.D	16 May 2025 18:52		YPIAJ	Ok
18	PB168029BS	PB168029BS	FG015859.D	16 May 2025 19:21		YPIAJ	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: 5/12/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 05/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:18
Out Date: 05/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135715

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
Q1994-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q1994-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q1994-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q1994-08	PCB-GPC-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q1994-09	PCB-GPC-BLANK-SPIKE	5	1.00	1.00	2.00	2.00	100.0	
Q1994-10	SVOC-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q1994-11	PEST-GPC2-BLANK	7	1.00	1.00	2.00	2.00	100.0	
Q1994-12	PEST-GPC2-BLANK-SPIKE	8	1.00	1.00	2.00	2.00	100.0	
Q1994-13	PCB-GPC2-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q1994-14	PCB-GPC2-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q1995-01	ERT-273	11	1.15	9.91	11.06	10.55	94.9	
Q1995-02	ERT-274	12	1.15	10.40	11.55	8.68	72.4	
Q1995-03	ERT-275	13	1.15	10.01	11.16	10.95	97.9	
Q1995-04	ERT-276	14	1.15	9.94	11.09	9.35	82.5	
Q1995-05	ERT-277	15	1.18	10.23	11.41	10.18	88.0	
Q1995-06	ERT-278	16	1.14	10.63	11.77	9.42	77.9	
Q1995-07	ERT-279	17	1.15	9.98	11.13	9.7	85.7	
Q2002-01	EO-02-05092025	18	1.14	9.88	11.02	10.35	93.2	
Q2002-02	EO-02-05092025-E2	19	1.19	10.34	11.53	10.29	88.0	
Q2003-01	WASTE	20	1.16	10.55	11.71	10.26	86.3	
Q2003-02	VOC	21	1.18	10.20	11.38	10.17	88.1	
Q2003-03	1	22	1.12	10.35	11.47	10.07	86.5	
Q2003-04	2	23	1.17	10.30	11.47	10.17	87.4	
Q2003-05	3	24	1.18	10.36	11.54	10.13	86.4	
Q2003-06	4	25	1.16	9.99	11.15	9.83	86.8	
Q2003-07	5	26	1.15	10.18	11.33	10.00	86.9	
Q2004-01	VNJ-220	27	1.14	9.69	10.83	10.44	96.0	
Q2004-03	2811	28	1.16	10.70	11.86	11.3	94.8	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/12/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 05/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:18
Out Date: 05/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135715

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
Q2004-05	R0202	29	1.15	10.32	11.47	10.87	94.2	
Q2004-07	205510	30	1.14	10.34	11.48	10.97	95.1	
Q2004-09	SOIL-STOCK	31	1.13	10.07	11.2	11.03	98.3	
Q2004-11	STONE-STOCK	32	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids

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

WORKLIST(Hardcopy Internal Chain)

135715

WorkList Name : %1-050925

WorkList ID : 189399

Department : Wet-Chemistry

Date : 05-09-2025 08:13:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1994-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1994-14	PCB-GCP2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	L31	05/02/2025	Chemtech -SO
Q1995-01	ERT-273	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/06/2025	Chemtech -SO
Q1995-02	ERT-274	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-03	ERT-275	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-04	ERT-276	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-05	ERT-277	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-06	ERT-278	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q1995-07	ERT-279	Solid	Percent Solids	Cool 4 deg C	TECH05	L51	05/07/2025	Chemtech -SO
Q2002-01	EO-02-05092025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	05/09/2025	Chemtech -SO
Q2002-02	EO-02-05092025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L41	05/09/2025	Chemtech -SO
Q2003-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO

Date/Time 05/09/25 15:30

Raw Sample Received by: 30 wpc

Raw Sample Relinquished by: [Signature]

Date/Time 05/09/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

NA 135715

WorkList Name : %1-050925 WorkList ID : 189399 Department : Wet-Chemistry Date : 05-09-2025 08:13:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2003-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2003-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2004-01	VNJ-220	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/09/2025	Chemtech -SO
Q2004-03	2811	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2004-05	R0202	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2004-07	205510	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2004-09	SOIL-STOCK	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO
Q2004-11	STONE-STOCK	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/09/2025	Chemtech -SO

Date/Time 05/09/25 15:30
Raw Sample Received by: SB JPC
Raw Sample Relinquished by: SA SM

Date/Time 05/09/25 17:30
Raw Sample Received by: SB JPC
Raw Sample Relinquished by: SB CWC

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

168029
04-13
13:40

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

32 Sager Pl. Hillsdale

CHEMTECH

CHAIN OF CUSTODY RECORD

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

Chemtech Project Number **Q2003**
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) ☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ EDD FORMAT _____ ☐ Other _____																
HARDCOPY (DATA PACKAGE): _____ DAYS*																			
EDD: _____ DAYS*																			
TO BE APPROVED BY CHEMTECH																			
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS																			
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	WASTE				5-9-2025	10:00	1												
2.	VOC				5-9-2025	10:00	1												
3.	1				5-9-2025	10:00	1												
4.	2				5-9-2025	10:00	1												
5.	3				5-9-2025	10:00	1												
6.	4				5-9-2025	10:00	1												
7.	5				5-9-2025	10:00	1												
8.																			
9.																			
10.																			
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																			
RELINQUISHED BY SAMPLER		DATE/TIME 12:45		RECEIVED BY 1. [Signature]		Conditions of bottles or collars at receipt: ☐ COMPLIANT ☐ NON-COMPLIANT ☒ COOLER TEMP 3.9°C													
RELINQUISHED BY		DATE/TIME		RECEIVED BY		Comments: IR Gun #1 (Adjusted Factor + 1)													
RELINQUISHED BY		DATE/TIME 13:30		RECEIVED FOR LAB BY															
3. [Signature]		5-9-2025		3. [Signature]		Page ____ of ____				CLIENT: ☐ Hand Delivered ☐ Other: _____				CHEMTECH: ☐ Picked Up					
										Shipment Complete ☐ YES ☐ NO									

10/2018

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 : Q2003 SCIA01

Order Date : 5/9/2025 12:53:14 PM

Project Mgr :

Client Name : Sciacca General Contractor

Project Name : 32 Sager Pl, Hillsdale

Report Type : Results Only

Client Contact : Rosanne Scirica

Receive DateTime : 5/9/2025 12:00:00 AM

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
Q2003-02	VOC	Solid	05/09/2025	09:00	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time : 5.9.2025 1400

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room