

Initial Calibration Report for SequenceID : FG102124AL

AreaCount

Parameter Range	FG014471.D	FG014472.D	FG014473.D	FG014474.D	FG014475.D	
Aliphatic C9-C12	36516747.000	18800719.000	7794944.000	4158290.000	2116796.000	
Aliphatic C12-C16	25034058.000	12947906.000	5357288.000	2878177.000	1466193.000	
Aliphatic C16-C21	38598823.000	19644786.000	8203721.000	4584276.000	2356311.000	
Aliphatic C21-C28	50615746.000	25217511.000	10709184.000	6230052.000	3213254.000	
Aliphatic C28-C40	55737822.000	28276085.000	12112197.000	7049393.000	3685801.000	
Aliphatic EPH	206503196.000	104887007.000	44177334.000	24900188.000	12838355.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	131341.1499996	6.359				
Aliphatic C12-C16	135821.94	6.78				
Aliphatic C16-C21	141250.6533332	9.156				
Aliphatic C21-C28	140581.144	11.719				
Aliphatic C28-C40	105686.9756664	12.966				
Aliphatic EPH	126992.5399992	10.052				

Concentration

Parameter Range	FG014471.D	FG014472.D	FG014473.D	FG014474.D	FG014475.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	FG014471.D	FG014472.D	FG014473.D	FG014474.D	FG014475.D	
Aliphatic C9-C12	121722.490000	125338.126666	129915.733333	138609.666666	141119.733333	
Aliphatic C12-C16	125170.290000	129479.060000	133932.200000	143908.850000	146619.300000	
Aliphatic C16-C21	128662.743333	130965.240000	136728.683333	152809.200000	157087.400000	

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Aliphatic C21-C28	126539.365000	126087.555000	133864.800000	155751.300000	160662.700000	
Aliphatic C28-C40	92896.370000	94253.616666	100934.975000	117489.883333	122860.033333	
Aliphatic EPH	114723.997777	116541.118888	122714.816666	138334.377777	142648.388888	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014471.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 00:58
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 22 06:45:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:44:46 2024
 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)	11.996	14096879	93.621 ug/ml
Spiked Amount 50.000		Recovery =	187.24%
12) S 1-chlorooctadecane (S...	13.431	11193276	94.567 ug/ml
Spiked Amount 50.000		Recovery =	189.13%
Target Compounds			
1) T n-Nonane (C9)	3.351	12005516	93.766 ug/ml
2) T n-Decane (C10)	4.605	12211237	93.700 ug/ml
3) T A~Naphthalene (C11.7)	6.313	13297129	93.734 ug/ml
4) T n-Dodecane (C12)	6.778	12299994	93.616 ug/ml
5) T A~2-methylnaphthalene...	7.413	12932503	93.719 ug/ml
6) T n-Tetradecane (C14)	8.611	12259486	93.490 ug/ml
7) T n-Hexadecane (C16)	10.225	12774572	93.428 ug/ml
8) T n-Octadecane (C18)	11.674	13078731	93.711 ug/ml
10) T n-Eicosane (C20)	12.985	12806004	94.178 ug/ml
11) T n-Heneicosane (C21)	13.599	12714088	94.427 ug/ml
13) T n-Docosane (C22)	14.186	12763388	94.706 ug/ml
14) T n-Tetracosane (C24)	15.291	12859298	94.817 ug/ml
15) T n-Hexacosane (C26)	16.312	12678164	94.500 ug/ml
16) T n-Octacosane (C28)	17.262	12314896	94.073 ug/ml
17) T n-Tricontane (C30)	18.150	12163745	92.632 ug/ml
18) T n-Dotriacontane (C32)	18.982	11357092	91.568 ug/ml
19) T n-Tetratriacontane (C34)	19.765	9726912	91.237 ug/ml
20) T n-Hexatriacontane (C36)	20.503	8179229	91.517 ug/ml
21) T n-Octatriacontane (C38)	21.258	7421499	92.136 ug/ml
22) T n-Tetracontane (C40)	22.208	6889345	93.435 ug/ml

(f)=RT Delta > 1/2 Window

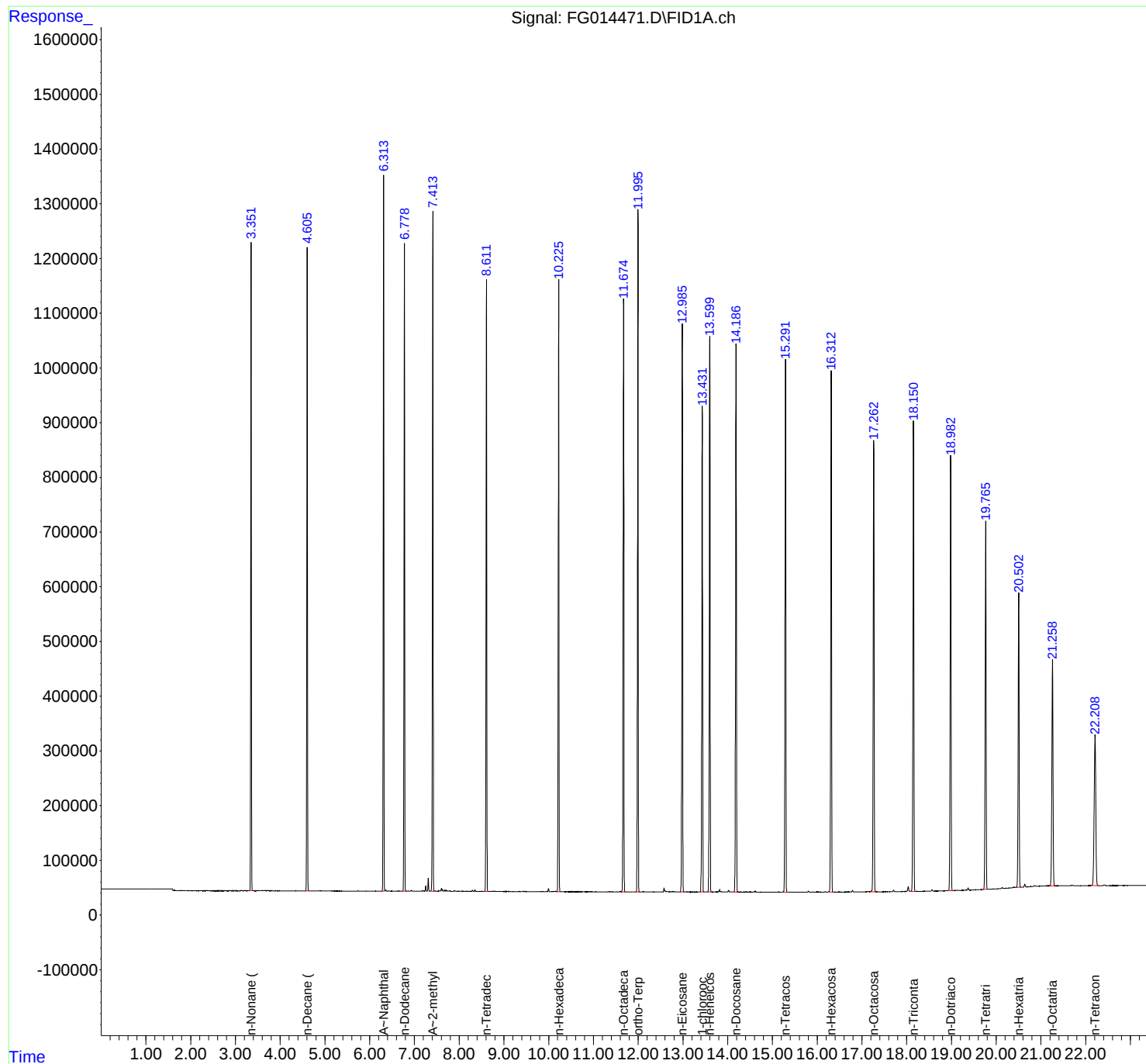
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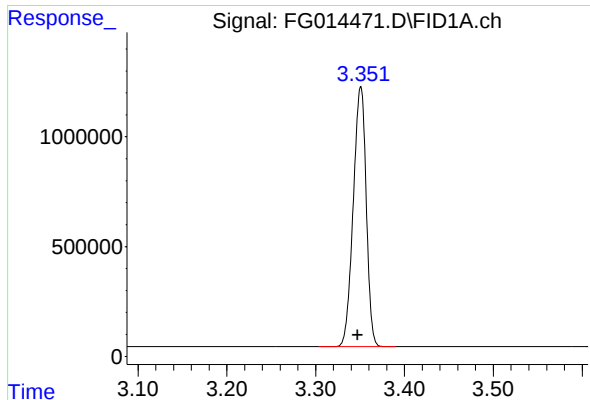
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Data File : FG014471.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 00:58
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 22 06:45:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 06:44:46 2024
Response via : Initial Calibration
Integrator: ChemStation

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

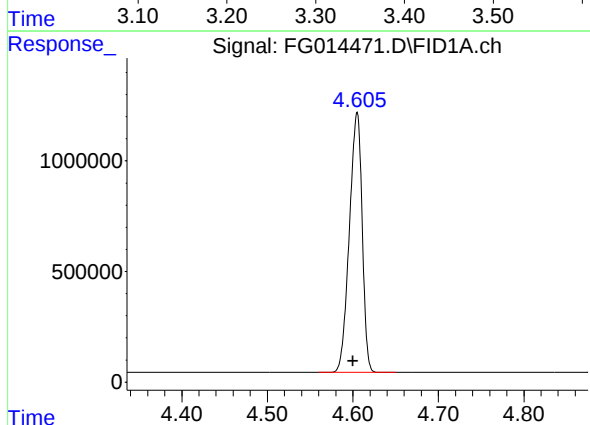




#1 n-Nonane (C9)

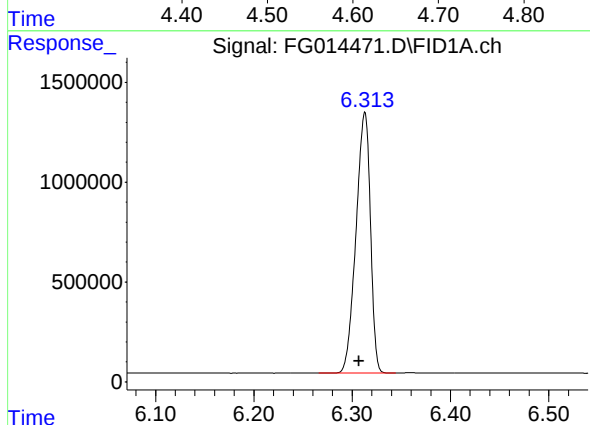
R.T.: 3.351 min
Delta R.T.: 0.004 min
Response: 12005516
Conc: 93.77 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



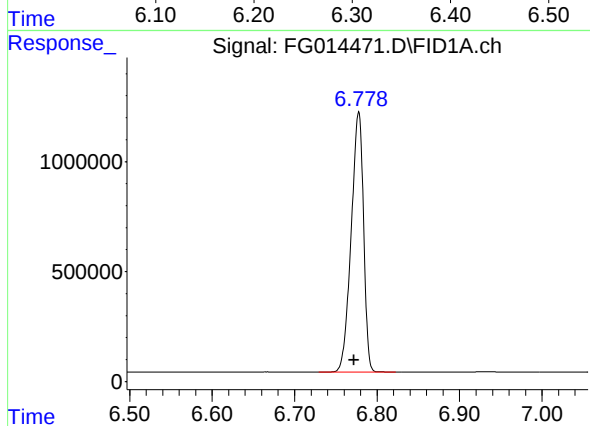
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.005 min
Response: 12211237
Conc: 93.70 ug/ml



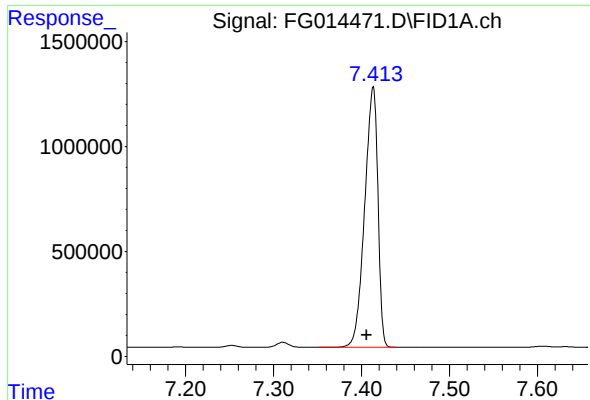
#3 A~Naphthalene (C11.7)

R.T.: 6.313 min
Delta R.T.: 0.006 min
Response: 13297129
Conc: 93.73 ug/ml



#4 n-Dodecane (C12)

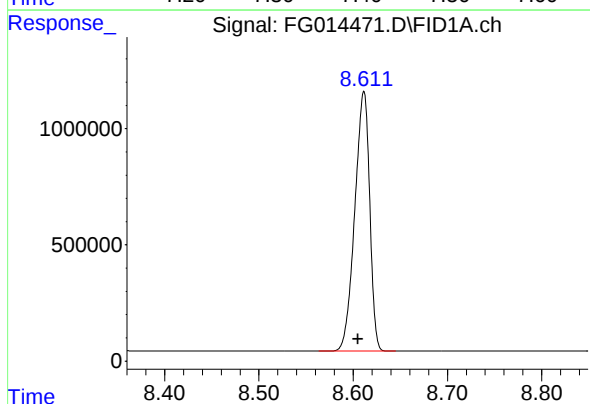
R.T.: 6.778 min
Delta R.T.: 0.006 min
Response: 12299994
Conc: 93.62 ug/ml



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

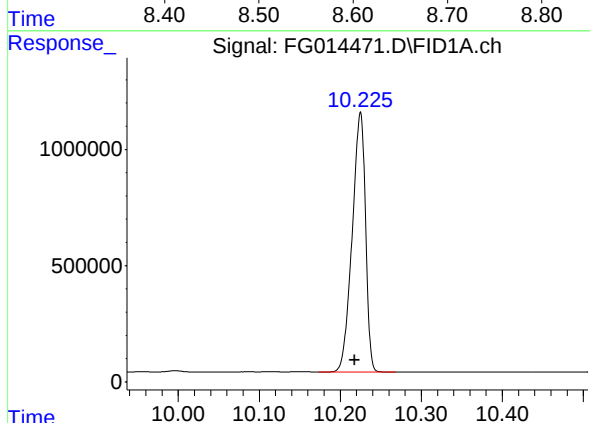
R.T.: 7.413 min
Delta R.T.: 0.007 min
Response: 12932503
Conc: 93.72 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



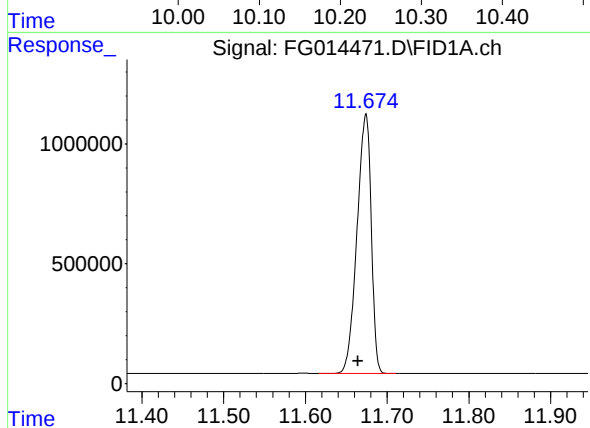
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.006 min
Response: 12259486
Conc: 93.49 ug/ml



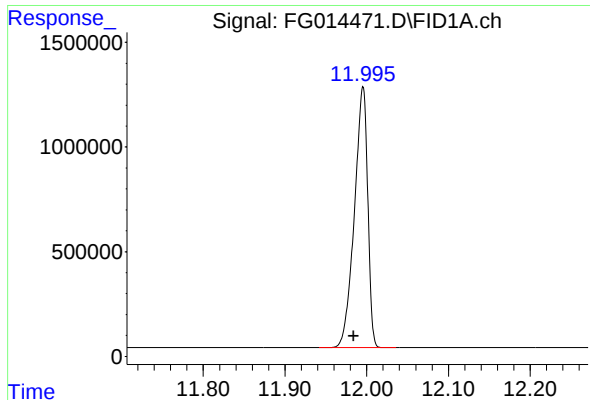
#7 n-Hexadecane (C16)

R.T.: 10.225 min
Delta R.T.: 0.007 min
Response: 12774572
Conc: 93.43 ug/ml



#8 n-Octadecane (C18)

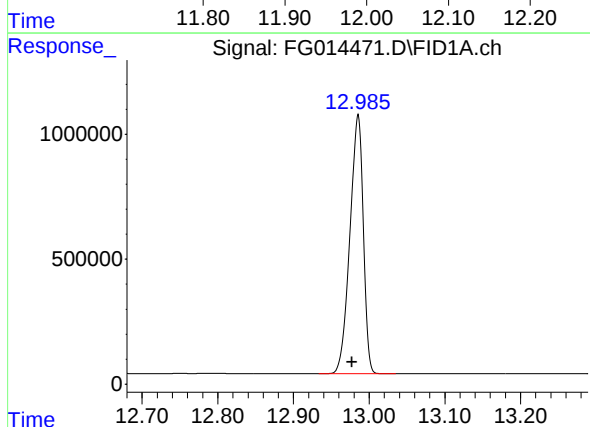
R.T.: 11.674 min
Delta R.T.: 0.010 min
Response: 13078731
Conc: 93.71 ug/ml



#9 ortho-Terphenyl (SURR)

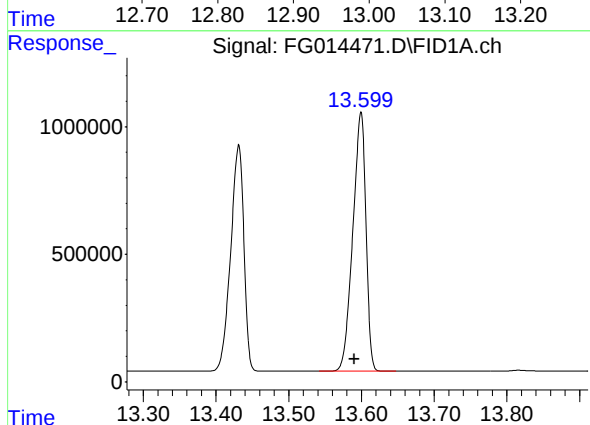
R.T.: 11.996 min
Delta R.T.: 0.011 min
Response: 14096879
Conc: 93.62 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



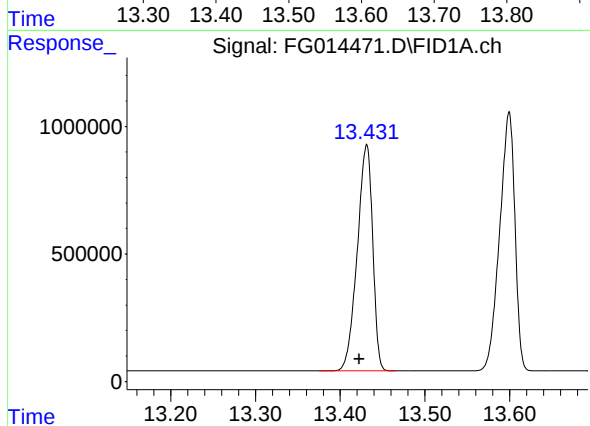
#10 n-Eicosane (C20)

R.T.: 12.985 min
Delta R.T.: 0.008 min
Response: 12806004
Conc: 94.18 ug/ml



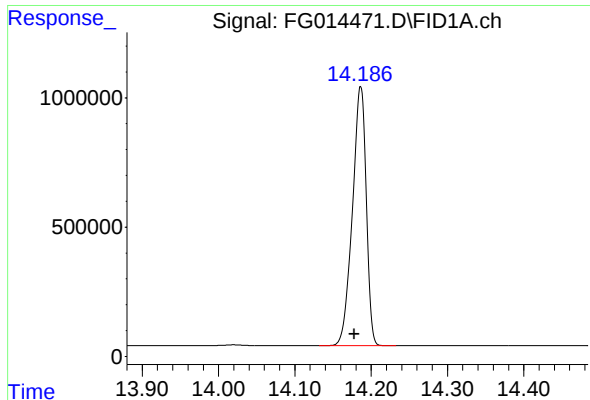
#11 n-Heneicosane (C21)

R.T.: 13.599 min
Delta R.T.: 0.009 min
Response: 12714088
Conc: 94.43 ug/ml



#12 1-chlorooctadecane (SURR)

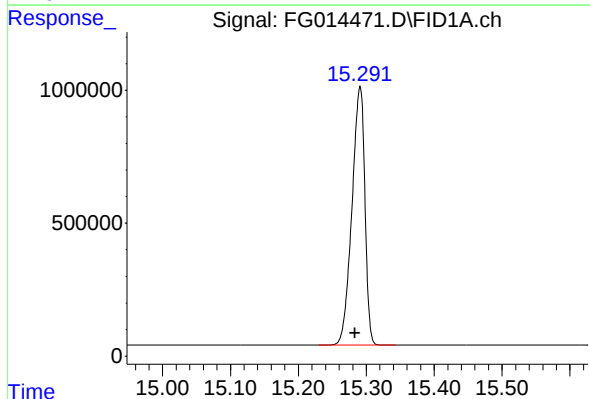
R.T.: 13.431 min
Delta R.T.: 0.009 min
Response: 11193276
Conc: 94.57 ug/ml



#13 n-Docosane (C22)

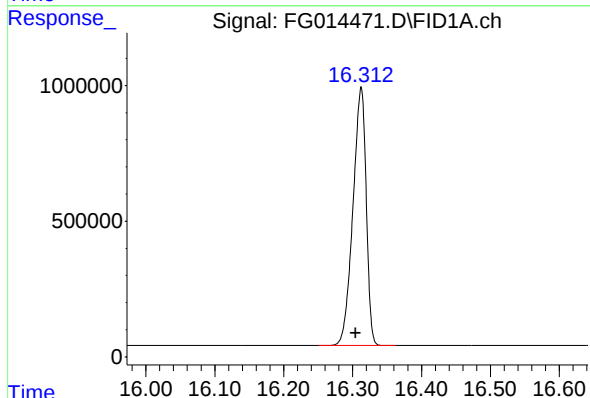
R.T.: 14.186 min
Delta R.T.: 0.008 min
Response: 12763388
Conc: 94.71 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



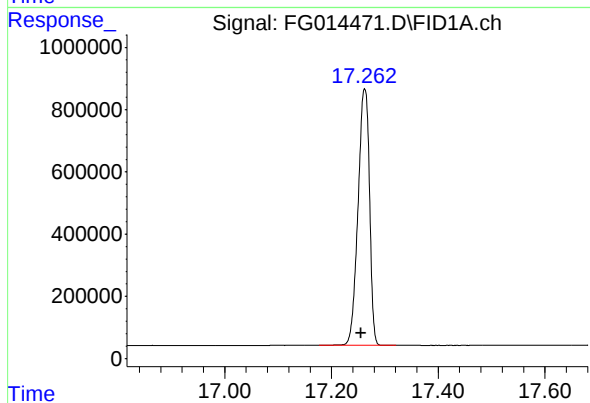
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: 0.008 min
Response: 12859298
Conc: 94.82 ug/ml



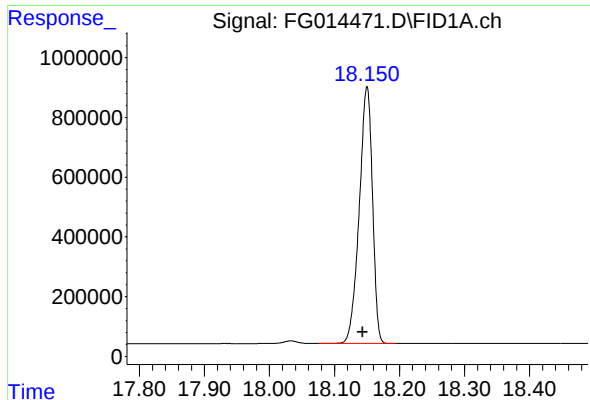
#15 n-Hexacosane (C26)

R.T.: 16.312 min
Delta R.T.: 0.008 min
Response: 12678164
Conc: 94.50 ug/ml



#16 n-Octacosane (C28)

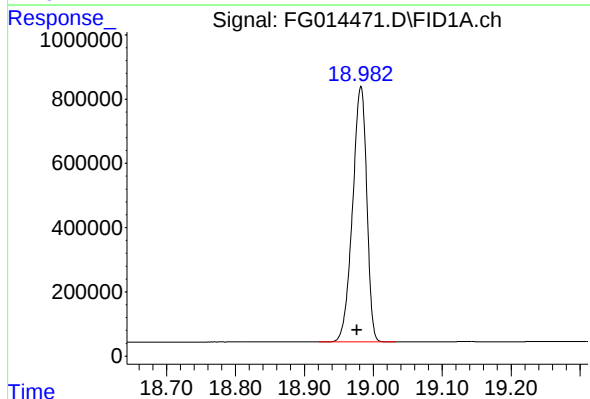
R.T.: 17.262 min
Delta R.T.: 0.007 min
Response: 12314896
Conc: 94.07 ug/ml



#17 n-Tricontane (C30)

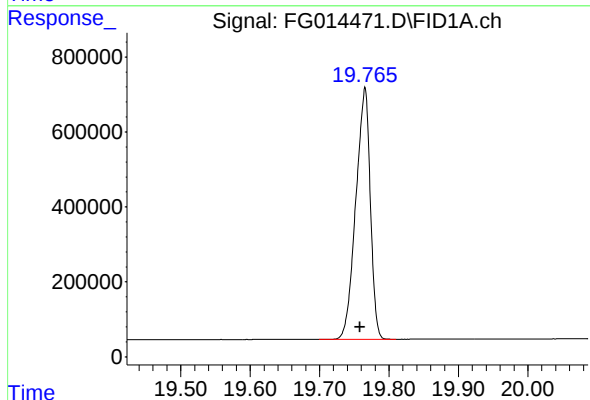
R.T.: 18.150 min
Delta R.T.: 0.007 min
Response: 12163745
Conc: 92.63 ug/ml

Instrument :
FID_G
ClientSampleId :
100 PPM ALIPHATIC HC STD1



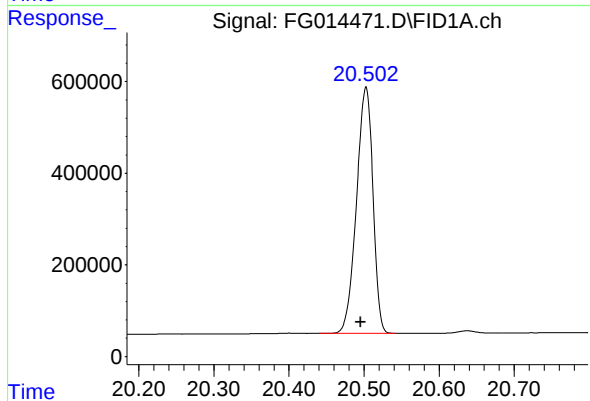
#18 n-Dotriacontane (C32)

R.T.: 18.982 min
Delta R.T.: 0.006 min
Response: 11357092
Conc: 91.57 ug/ml



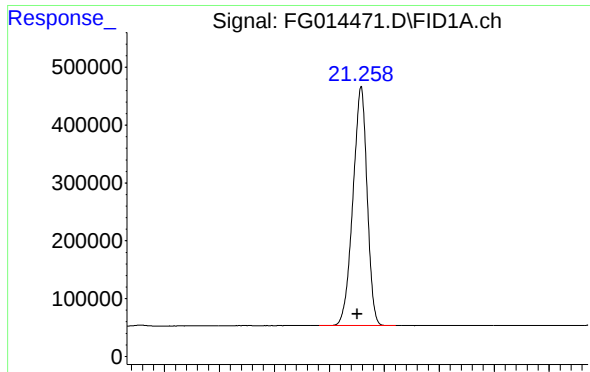
#19 n-Tetatriacontane (C34)

R.T.: 19.765 min
Delta R.T.: 0.007 min
Response: 9726912
Conc: 91.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.503 min
Delta R.T.: 0.007 min
Response: 8179229
Conc: 91.52 ug/ml



#21 n-Octatriacontane (C38)

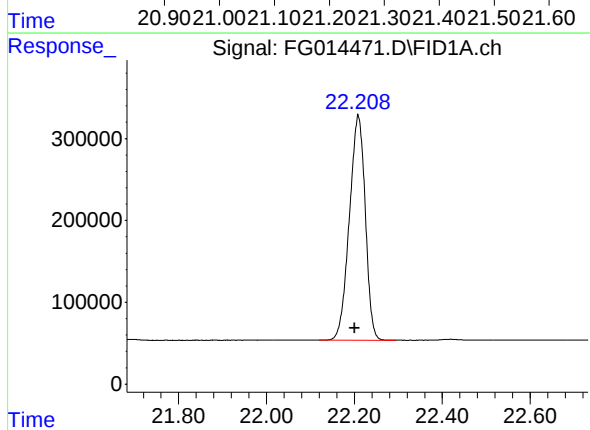
R.T.: 21.258 min
Delta R.T.: 0.007 min
Response: 7421499
Conc: 92.14 ug/ml

Instrument :

FID_G

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.208 min
Delta R.T.: 0.008 min
Response: 6889345
Conc: 93.44 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014471.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 00:58
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.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	3.351	3.303	3.390	BB	1185476	12005516	85.16%	4.653%
2	4.605	4.560	4.650	BB	1176209	12211237	86.62%	4.733%
3	6.313	6.266	6.344	BV	1309217	13297129	94.33%	5.153%
4	6.778	6.729	6.823	BB	1182923	12299994	87.25%	4.767%
5	7.413	7.352	7.439	BB	1241988	12932503	91.74%	5.012%
6	8.611	8.563	8.645	BB	1119288	12259486	86.97%	4.751%
7	10.225	10.173	10.268	BB	1119383	12774572	90.62%	4.951%
8	11.674	11.617	11.711	BB	1084497	13078731	92.78%	5.069%
9	11.996	11.942	12.036	BB	1247833	14096879	100.00%	5.463%
10	12.985	12.933	13.035	BB	1038448	12806004	90.84%	4.963%
11	13.431	13.375	13.466	BB	888548	11193276	79.40%	4.338%
12	13.599	13.542	13.648	BB	1015144	12714088	90.19%	4.928%
13	14.186	14.132	14.233	BB	1001218	12763388	90.54%	4.947%
14	15.291	15.230	15.343	BB	973643	12859298	91.22%	4.984%
15	16.312	16.251	16.363	BB	953993	12678164	89.94%	4.914%
16	17.262	17.177	17.321	BB	824359	12314896	87.36%	4.773%
17	18.150	18.076	18.194	BB	859978	12163745	86.29%	4.714%
18	18.982	18.921	19.033	BB	796512	11357092	80.56%	4.402%
19	19.765	19.699	19.810	BB	672812	9726912	69.00%	3.770%
20	20.503	20.440	20.543	BB	538134	8179229	58.02%	3.170%
21	21.258	21.181	21.321	BB	413466	7421499	52.65%	2.876%
22	22.208	22.119	22.294	BB	275902	6889345	48.87%	2.670%
Sum of corrected areas:						258022983		

Aliphatic EPH 102124.M Tue Oct 22 07:01:07 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014472.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 01:27
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
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Compound	R.T.	Response	Conc Units

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Spiked Amount 50.000		Recovery =	96.44%
12) S 1-chlorooctadecane (S...	13.425	5665784	47.868 ug/ml
Spiked Amount 50.000		Recovery =	95.74%
Target Compounds			
1) T n-Nonane (C9)	3.349	6169208	48.183 ug/ml
2) T n-Decane (C10)	4.602	6286182	48.236 ug/ml
3) T A~Naphthalene (C11.7)	6.309	6845029	48.252 ug/ml
4) T n-Dodecane (C12)	6.775	6345329	48.295 ug/ml
5) T A~2-methylnaphthalene...	7.409	6664452	48.296 ug/ml
6) T n-Tetradecane (C14)	8.608	6341985	48.363 ug/ml
7) T n-Hexadecane (C16)	10.220	6605921	48.313 ug/ml
8) T n-Octadecane (C18)	11.669	6719146	48.144 ug/ml
10) T n-Eicosane (C20)	12.981	6504780	47.837 ug/ml
11) T n-Heneicosane (C21)	13.594	6420860	47.687 ug/ml
13) T n-Docosane (C22)	14.182	6406625	47.538 ug/ml
14) T n-Tetracosane (C24)	15.286	6399137	47.183 ug/ml
15) T n-Hexacosane (C26)	16.308	6288375	46.872 ug/ml
16) T n-Octacosane (C28)	17.258	6123374	46.776 ug/ml
17) T n-Tricontane (C30)	18.145	6091573	46.390 ug/ml
18) T n-Dotriacontane (C32)	18.976	5740523	46.284 ug/ml
19) T n-Tetratriacontane (C34)	19.760	4948743	46.418 ug/ml
20) T n-Hexatriacontane (C36)	20.498	4174095	46.704 ug/ml
21) T n-Octatriacontane (C38)	21.254	3800327	47.180 ug/ml
22) T n-Tetracontane (C40)	22.202	3520824	47.751 ug/ml

(f)=RT Delta > 1/2 Window

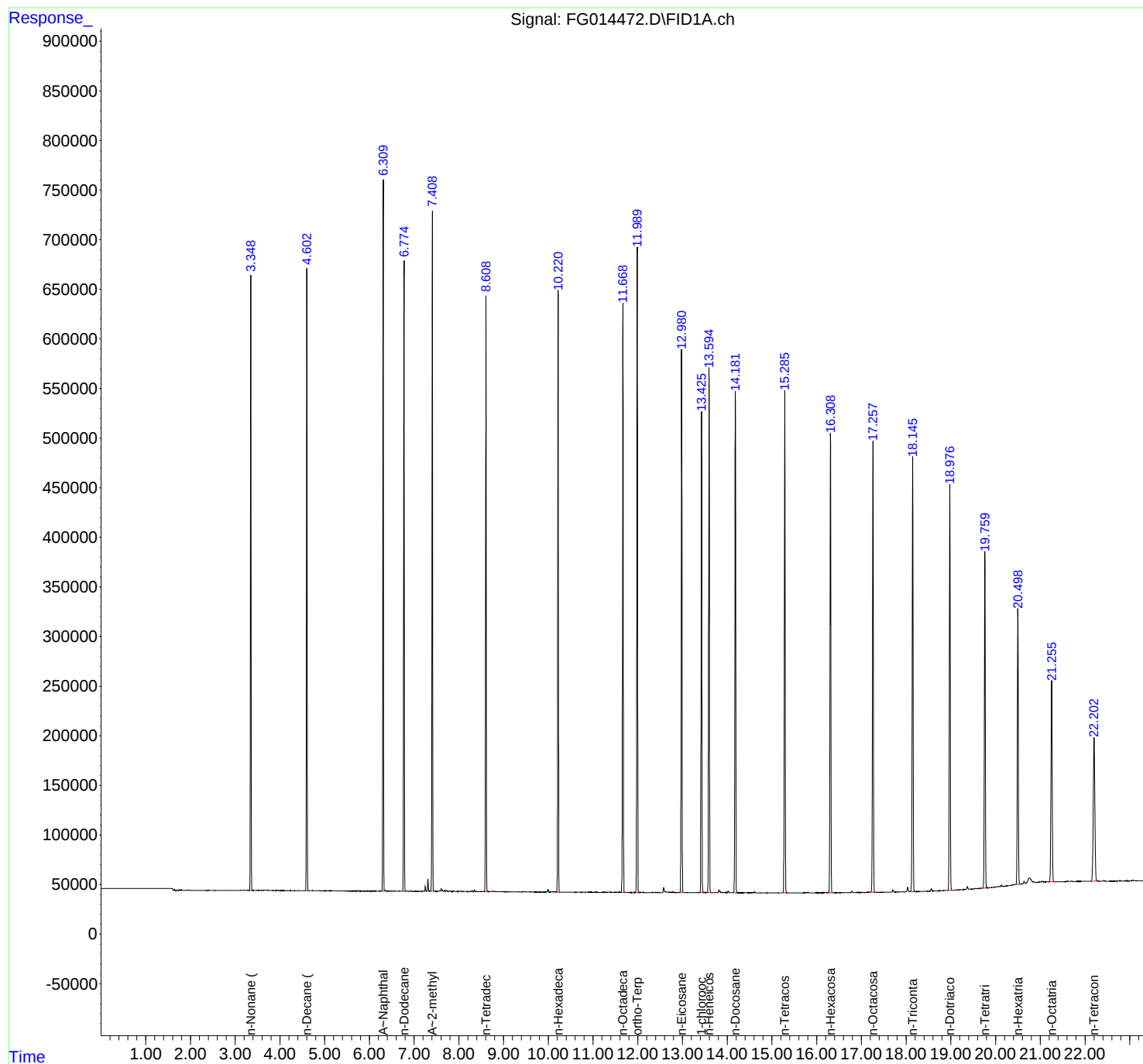
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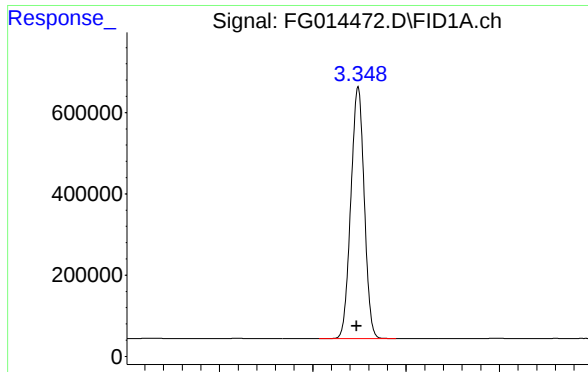
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Data File : FG014472.D
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Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 22 06:46:10 2024
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

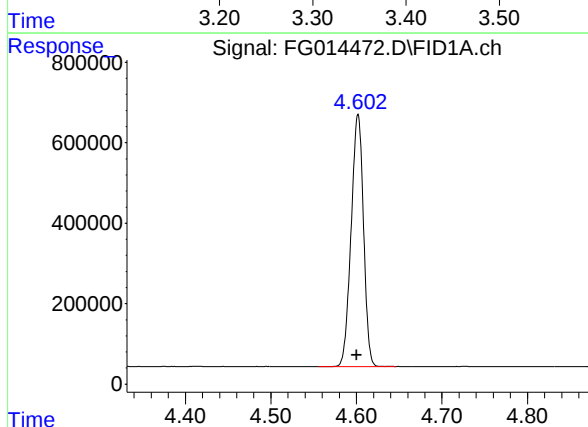




#1 n-Nonane (C9)

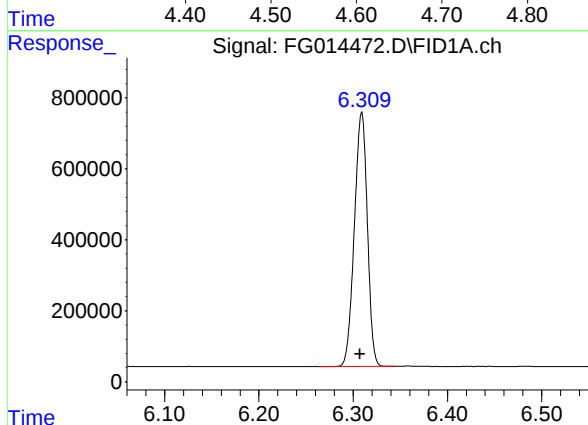
R.T.: 3.349 min
Delta R.T.: 0.002 min
Response: 6169208
Conc: 48.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



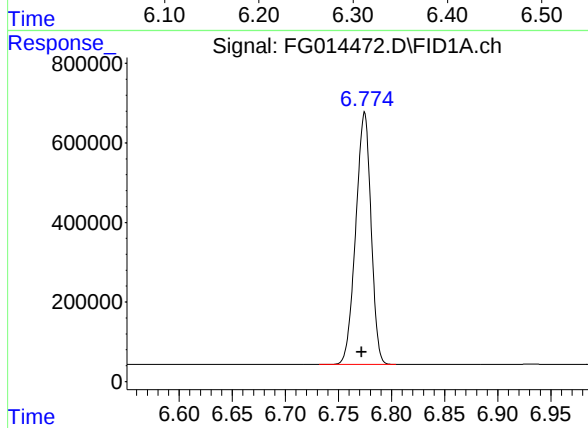
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: 0.002 min
Response: 6286182
Conc: 48.24 ug/ml



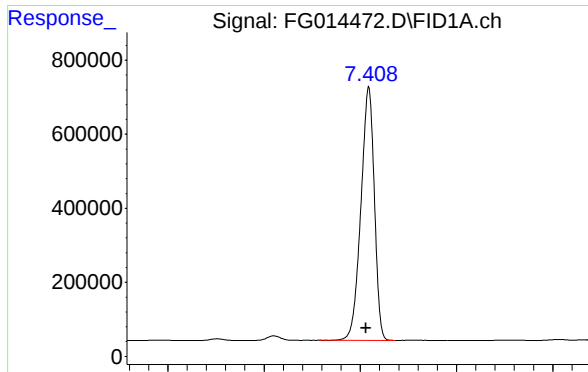
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.002 min
Response: 6845029
Conc: 48.25 ug/ml



#4 n-Dodecane (C12)

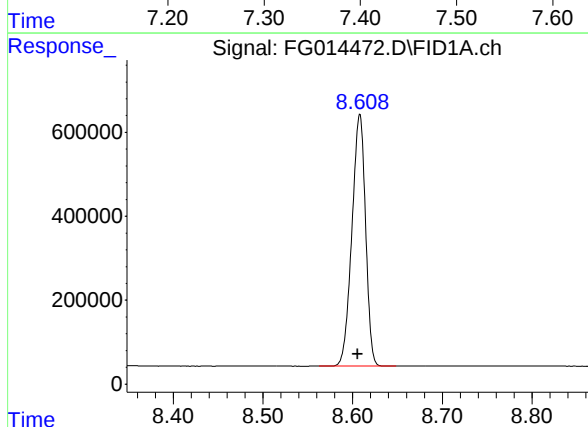
R.T.: 6.775 min
Delta R.T.: 0.003 min
Response: 6345329
Conc: 48.29 ug/ml



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

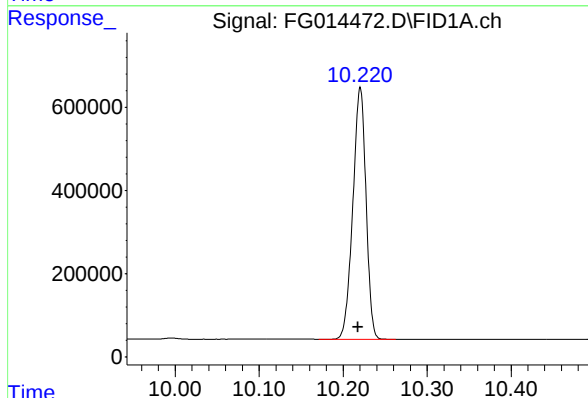
R.T.: 7.409 min
Delta R.T.: 0.003 min
Response: 6664452
Conc: 48.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



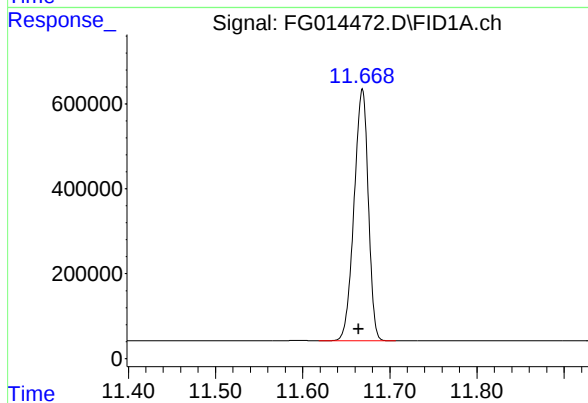
#6 n-Tetradecane (C14)

R.T.: 8.608 min
Delta R.T.: 0.003 min
Response: 6341985
Conc: 48.36 ug/ml



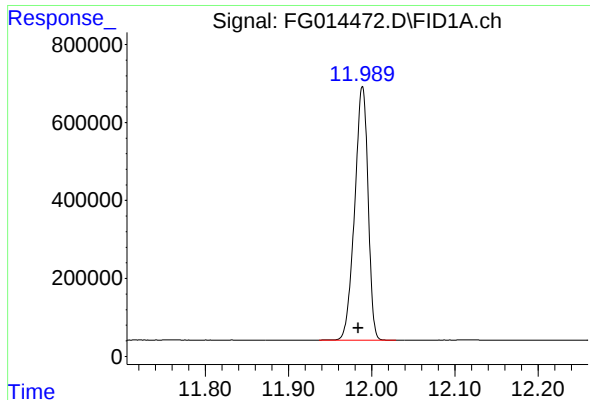
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.003 min
Response: 6605921
Conc: 48.31 ug/ml



#8 n-Octadecane (C18)

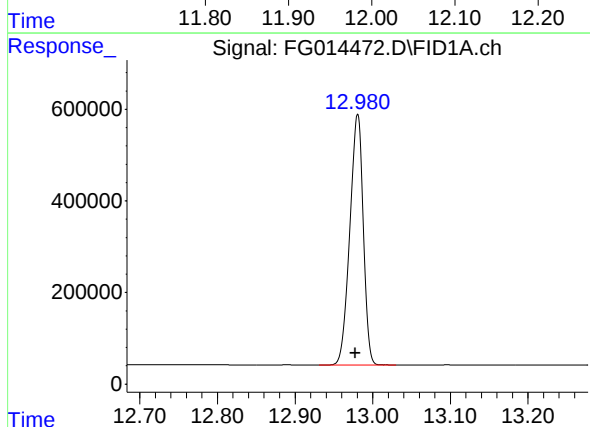
R.T.: 11.669 min
Delta R.T.: 0.004 min
Response: 6719146
Conc: 48.14 ug/ml



#9 ortho-Terphenyl (SURR)

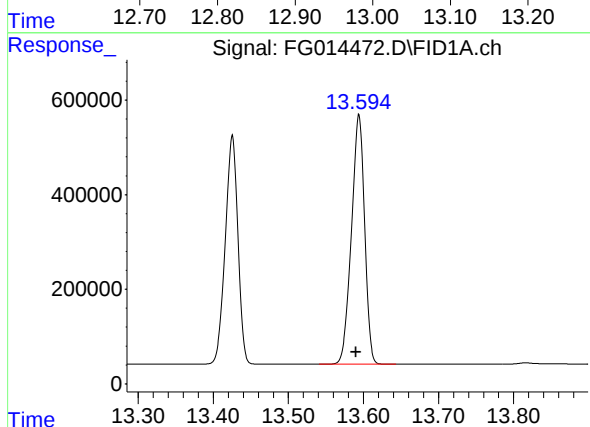
R.T.: 11.989 min
Delta R.T.: 0.005 min
Response: 7260434
Conc: 48.22 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



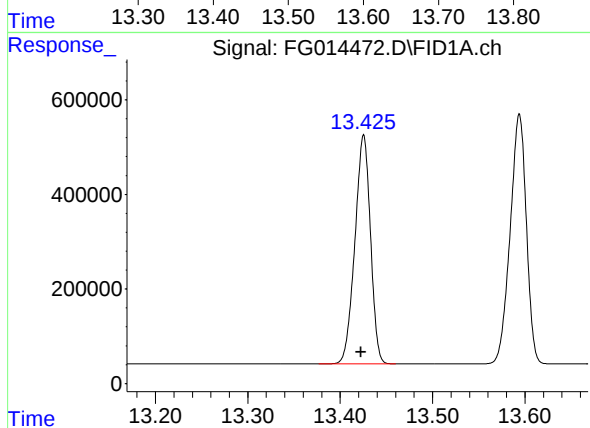
#10 n-Eicosane (C20)

R.T.: 12.981 min
Delta R.T.: 0.003 min
Response: 6504780
Conc: 47.84 ug/ml



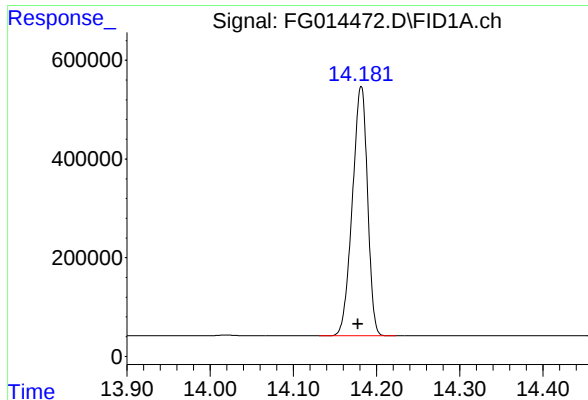
#11 n-Heneicosane (C21)

R.T.: 13.594 min
Delta R.T.: 0.004 min
Response: 6420860
Conc: 47.69 ug/ml



#12 1-chlorooctadecane (SURR)

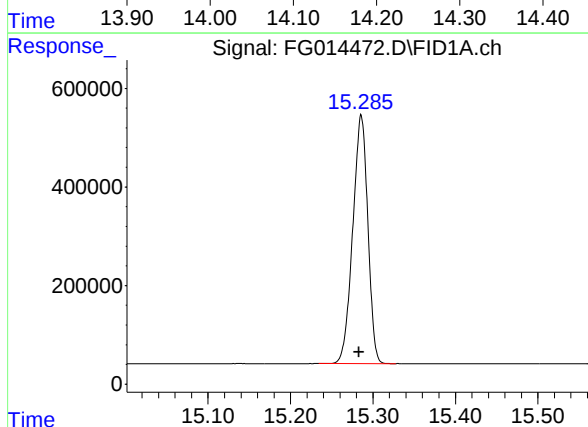
R.T.: 13.425 min
Delta R.T.: 0.003 min
Response: 5665784
Conc: 47.87 ug/ml



#13 n-Docosane (C22)

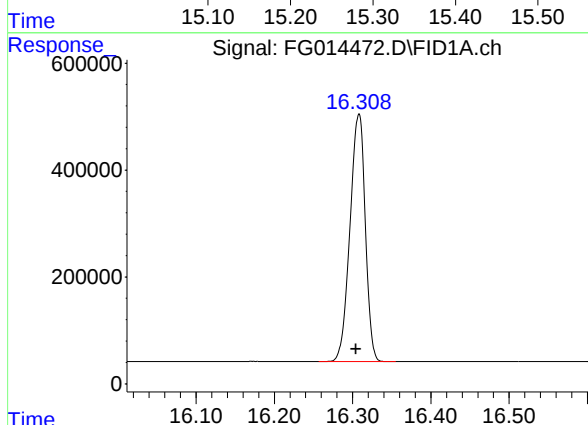
R.T.: 14.182 min
Delta R.T.: 0.004 min
Response: 6406625
Conc: 47.54 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



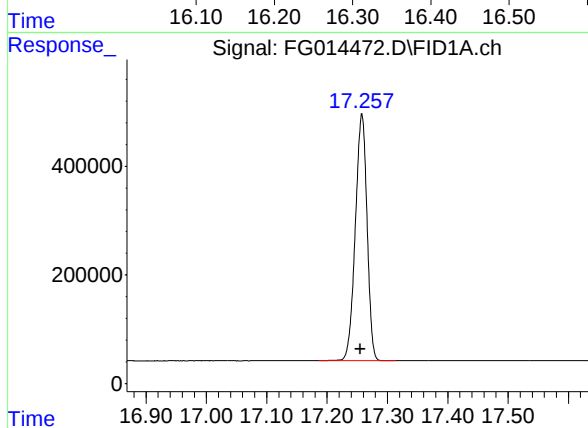
#14 n-Tetracosane (C24)

R.T.: 15.286 min
Delta R.T.: 0.002 min
Response: 6399137
Conc: 47.18 ug/ml



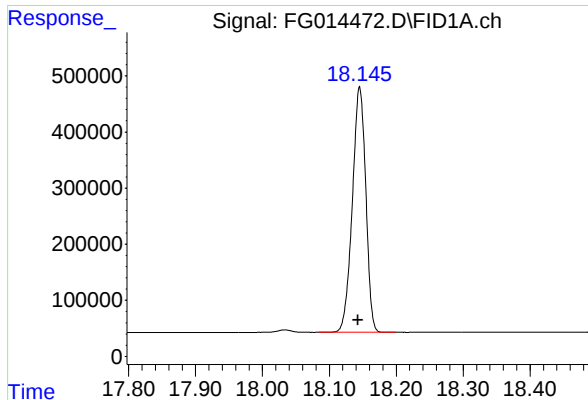
#15 n-Hexacosane (C26)

R.T.: 16.308 min
Delta R.T.: 0.004 min
Response: 6288375
Conc: 46.87 ug/ml



#16 n-Octacosane (C28)

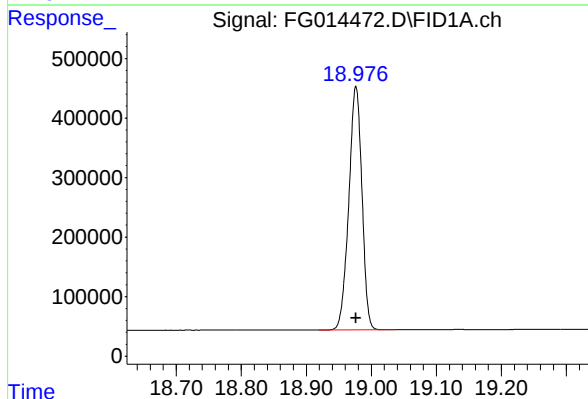
R.T.: 17.258 min
Delta R.T.: 0.003 min
Response: 6123374
Conc: 46.78 ug/ml



#17 n-Tricontane (C30)

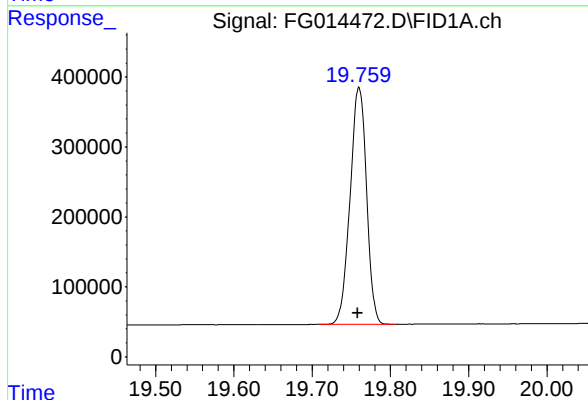
R.T.: 18.145 min
Delta R.T.: 0.002 min
Response: 6091573
Conc: 46.39 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



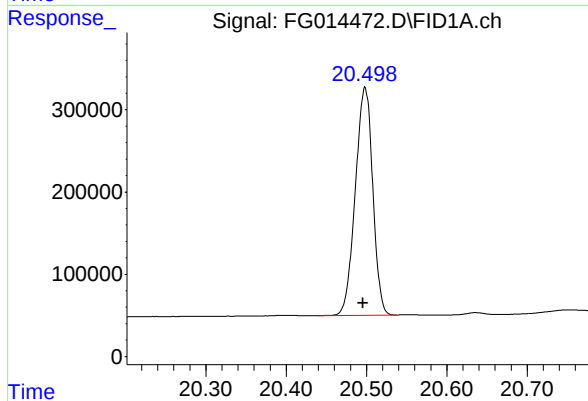
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: 0.000 min
Response: 5740523
Conc: 46.28 ug/ml



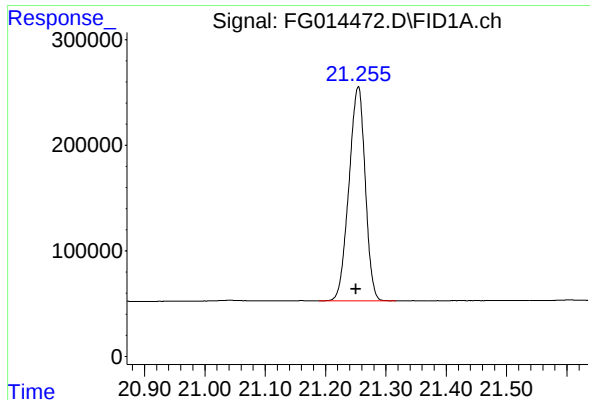
#19 n-Tetatriacontane (C34)

R.T.: 19.760 min
Delta R.T.: 0.001 min
Response: 4948743
Conc: 46.42 ug/ml



#20 n-Hexatriacontane (C36)

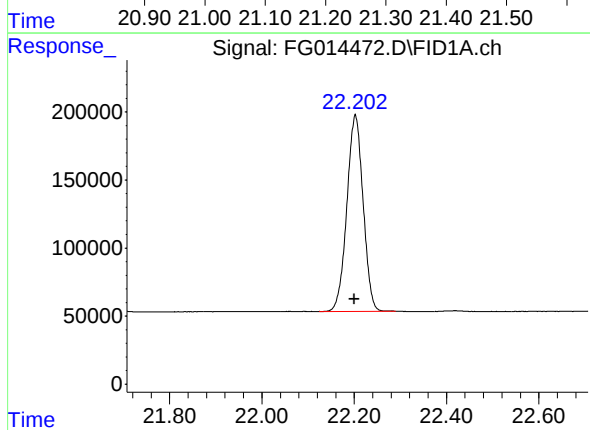
R.T.: 20.498 min
Delta R.T.: 0.003 min
Response: 4174095
Conc: 46.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.254 min
Delta R.T.: 0.004 min
Response: 3800327
Conc: 47.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: 0.002 min
Response: 3520824
Conc: 47.75 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014472.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 01:27
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.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	3.349	3.307	3.389	BB	619498	6169208	84.97%	4.698%
2	4.602	4.556	4.646	BB	626486	6286182	86.58%	4.787%
3	6.309	6.263	6.345	BV	717071	6845029	94.28%	5.212%
4	6.775	6.732	6.804	BB	634433	6345329	87.40%	4.832%
5	7.409	7.357	7.437	BB	685233	6664452	91.79%	5.075%
6	8.608	8.563	8.648	BB	600970	6341985	87.35%	4.829%
7	10.220	10.171	10.263	BB	606000	6605921	90.99%	5.030%
8	11.669	11.618	11.707	BB	593631	6719146	92.54%	5.117%
9	11.989	11.937	12.029	BB	651020	7260434	100.00%	5.529%
10	12.981	12.931	13.030	BB	547617	6504780	89.59%	4.953%
11	13.425	13.377	13.460	BB	485033	5665784	78.04%	4.314%
12	13.594	13.541	13.643	BB	528756	6420860	88.44%	4.889%
13	14.182	14.131	14.223	BB	505578	6406625	88.24%	4.879%
14	15.286	15.234	15.328	BB	505435	6399137	88.14%	4.873%
15	16.308	16.257	16.355	BB	463530	6288375	86.61%	4.788%
16	17.258	17.187	17.314	BB	454861	6123374	84.34%	4.663%
17	18.145	18.084	18.199	BB	438139	6091573	83.90%	4.639%
18	18.976	18.919	19.038	BB	408834	5740523	79.07%	4.371%
19	19.760	19.708	19.807	BB	338890	4948743	68.16%	3.768%
20	20.498	20.441	20.537	BB	277470	4174095	57.49%	3.179%
21	21.254	21.189	21.317	BB	202908	3800327	52.34%	2.894%
22	22.202	22.123	22.290	BB	144741	3520824	48.49%	2.681%

Sum of corrected areas: 131322706

Aliphatic EPH 102124.M Tue Oct 22 07:01:31 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014473.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 01:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 22 06:46:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:44:46 2024
 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)	11.984	3011490	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.423	2367257	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.347	2560741	20.000 ug/ml
2) T n-Decane (C10)	4.600	2606448	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2837209	20.000 ug/ml
4) T n-Dodecane (C12)	6.772	2627755	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.406	2759851	20.000 ug/ml
6) T n-Tetradecane (C14)	8.605	2622642	20.000 ug/ml
7) T n-Hexadecane (C16)	10.218	2734646	20.000 ug/ml
8) T n-Octadecane (C18)	11.665	2791285	20.000 ug/ml
10) T n-Eicosane (C20)	12.977	2719538	20.000 ug/ml
11) T n-Heneicosane (C21)	13.590	2692898	20.000 ug/ml
13) T n-Docosane (C22)	14.178	2695364	20.000 ug/ml
14) T n-Tetracosane (C24)	15.283	2712448	20.000 ug/ml
15) T n-Hexacosane (C26)	16.304	2683219	20.000 ug/ml
16) T n-Octacosane (C28)	17.255	2618153	20.000 ug/ml
17) T n-Tricontane (C30)	18.143	2626243	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.976	2480578	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.759	2132240	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.495	1787469	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.250	1610992	20.000 ug/ml
22) T n-Tetracontane (C40)	22.200	1474675	20.000 ug/ml

(f)=RT Delta > 1/2 Window

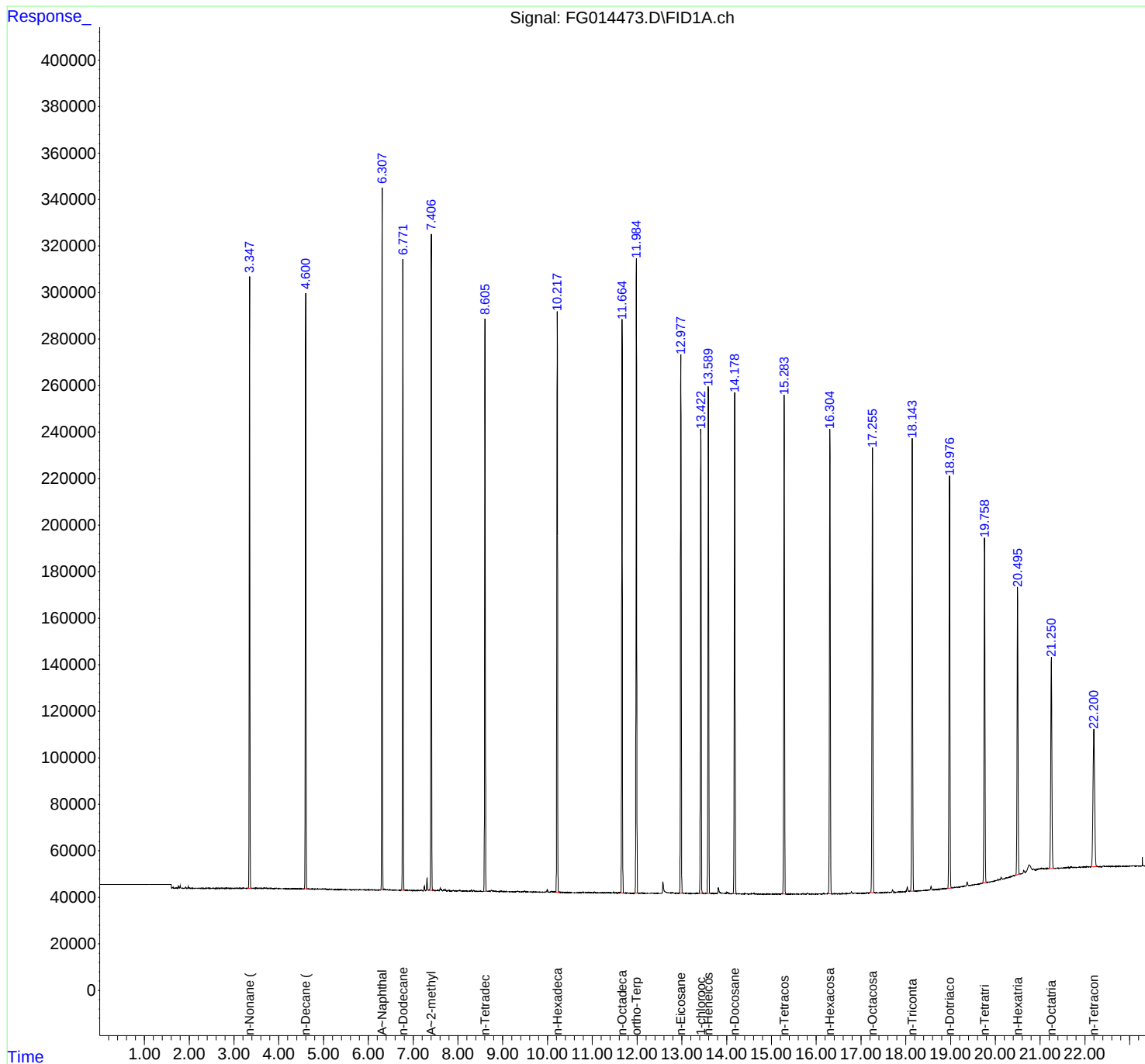
(m)=manual int.

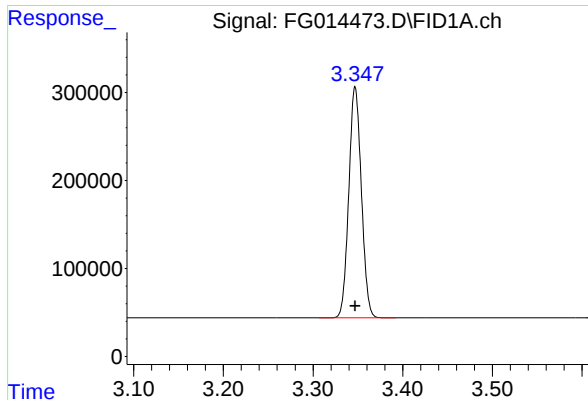
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014473.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 01:56
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 22 06:46:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 06:44:46 2024
Response via : Initial Calibration
Integrator: ChemStation

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

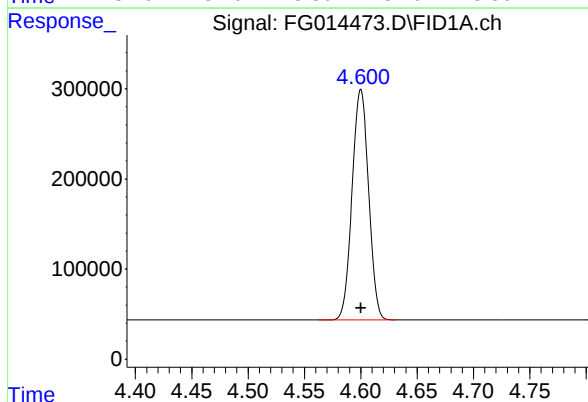




#1 n-Nonane (C9)

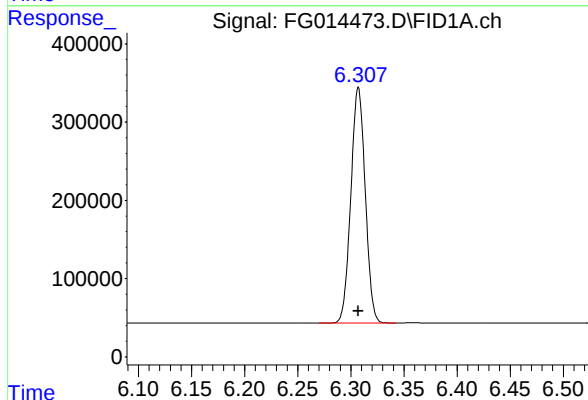
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 2560741
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



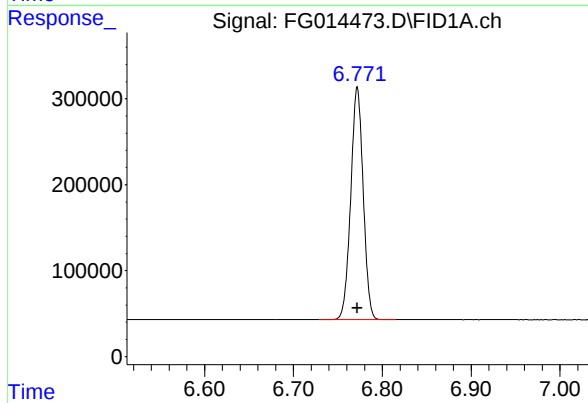
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 2606448
Conc: 20.00 ug/ml



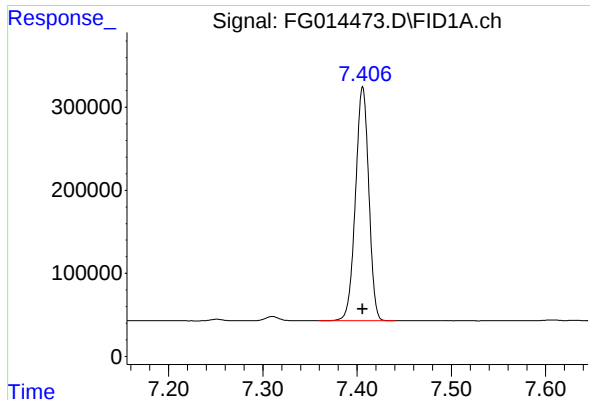
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 2837209
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

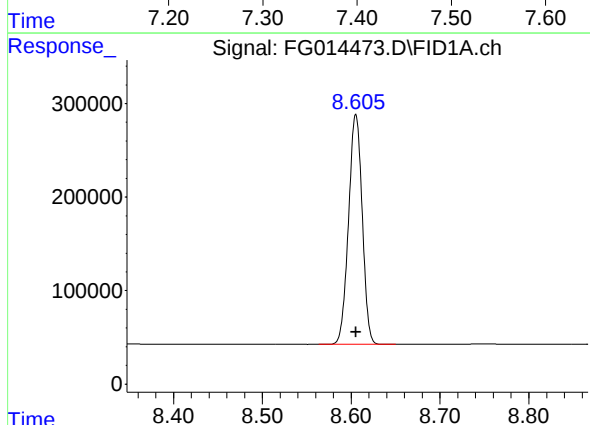
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2627755
Conc: 20.00 ug/ml



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

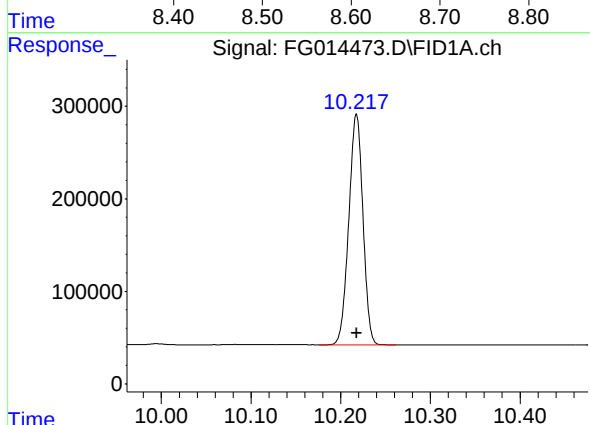
R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 2759851
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



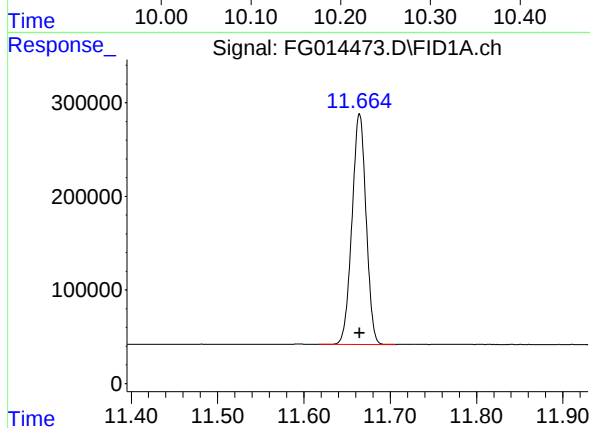
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 2622642
Conc: 20.00 ug/ml



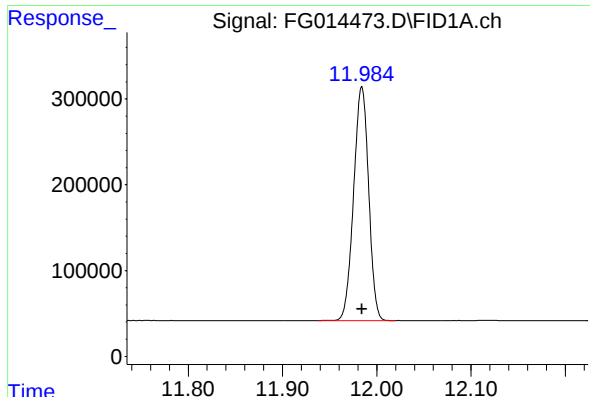
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.000 min
Response: 2734646
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

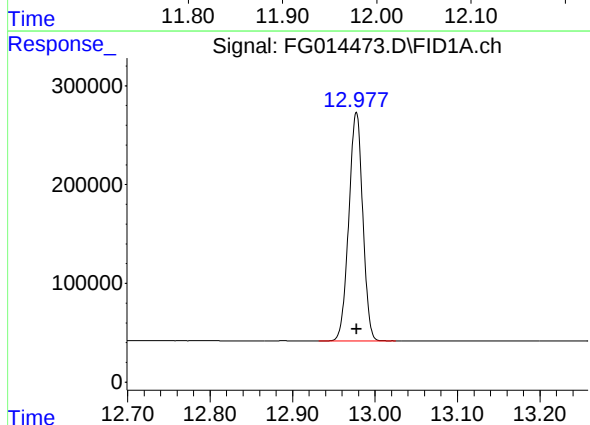
R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 2791285
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

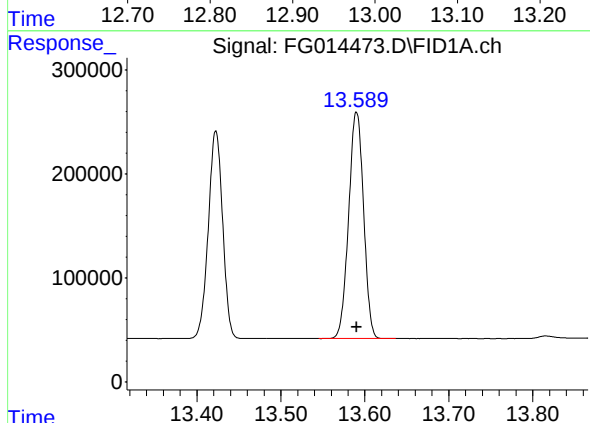
R.T.: 11.984 min
Delta R.T.: 0.000 min
Response: 3011490
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



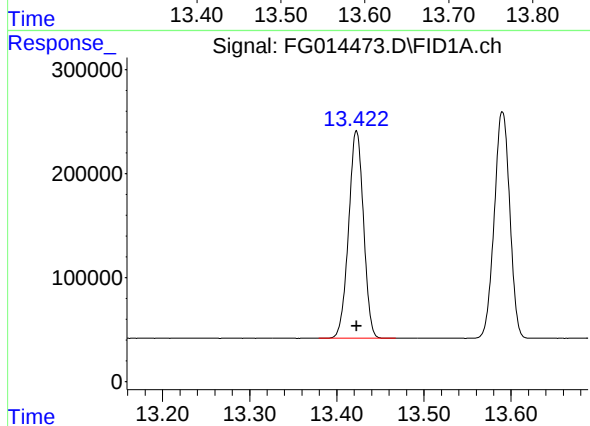
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.000 min
Response: 2719538
Conc: 20.00 ug/ml



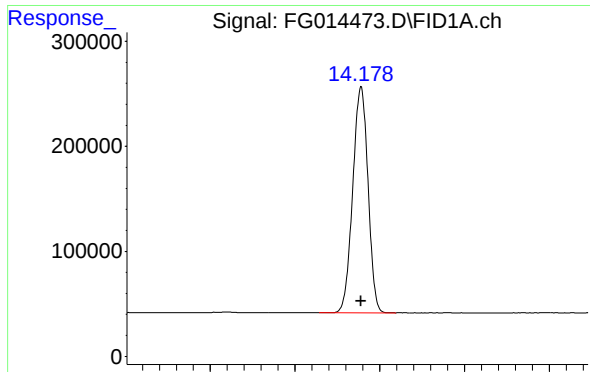
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: 0.000 min
Response: 2692898
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

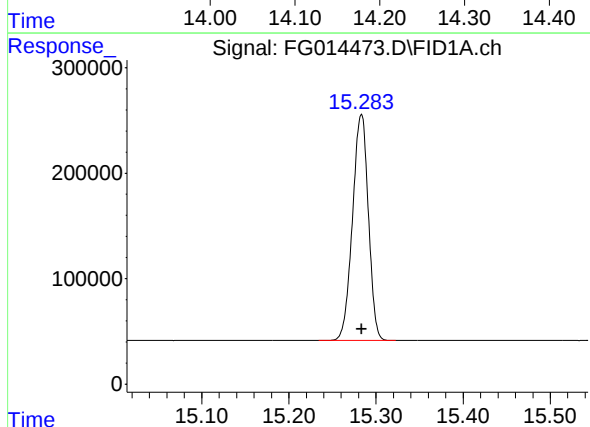
R.T.: 13.423 min
Delta R.T.: 0.000 min
Response: 2367257
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

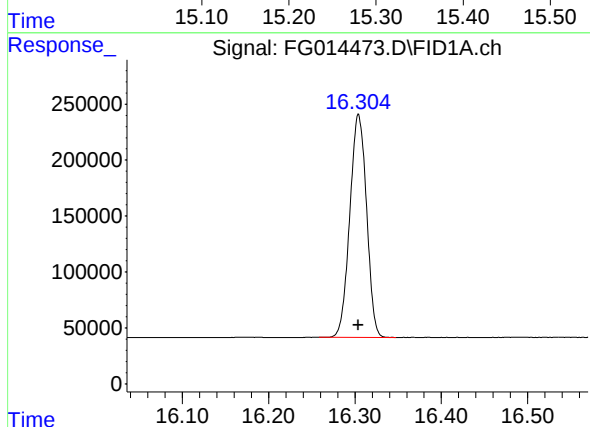
R.T.: 14.178 min
Delta R.T.: 0.000 min
Response: 2695364
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



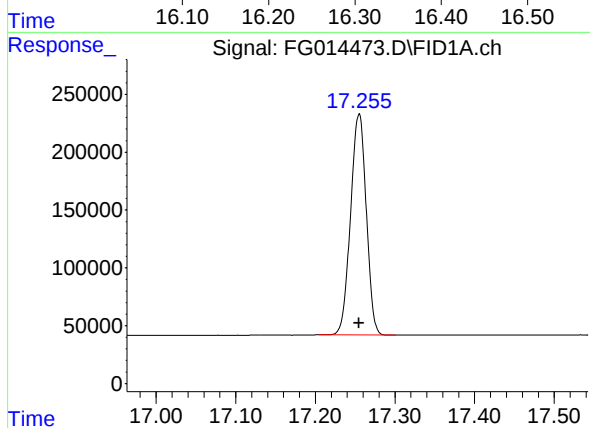
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 2712448
Conc: 20.00 ug/ml



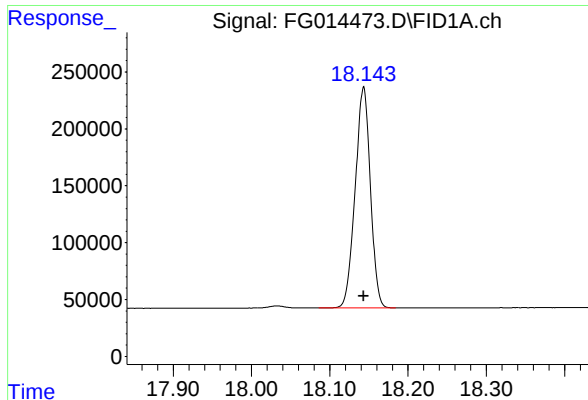
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.000 min
Response: 2683219
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

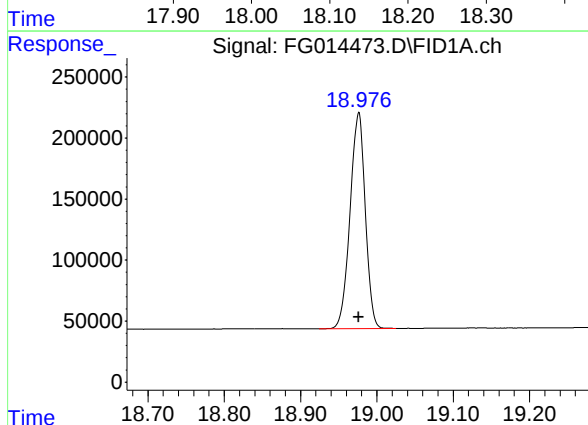
R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 2618153
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

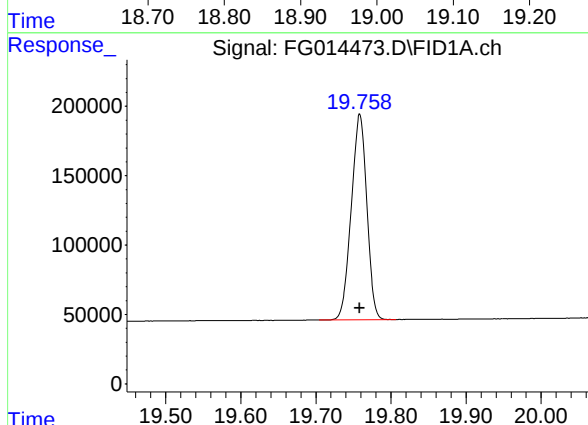
R.T.: 18.143 min
Delta R.T.: 0.000 min
Response: 2626243
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



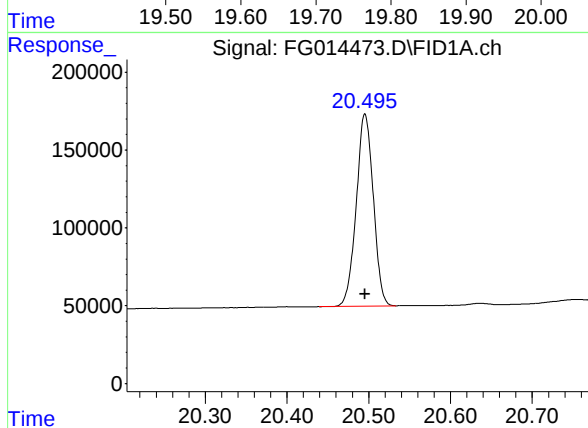
#18 n-Dotriacontane (C32)

R.T.: 18.976 min
Delta R.T.: 0.000 min
Response: 2480578
Conc: 20.00 ug/ml



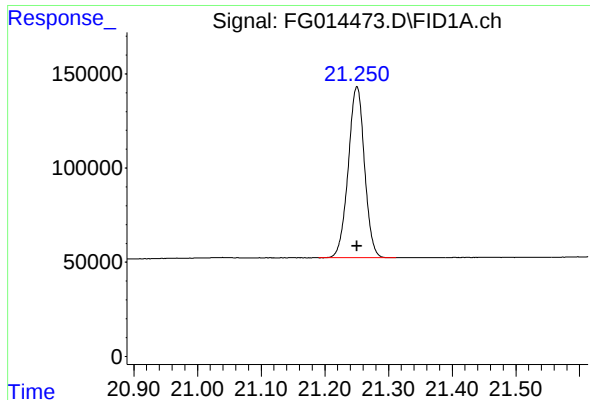
#19 n-Tetatriacontane (C34)

R.T.: 19.759 min
Delta R.T.: 0.000 min
Response: 2132240
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

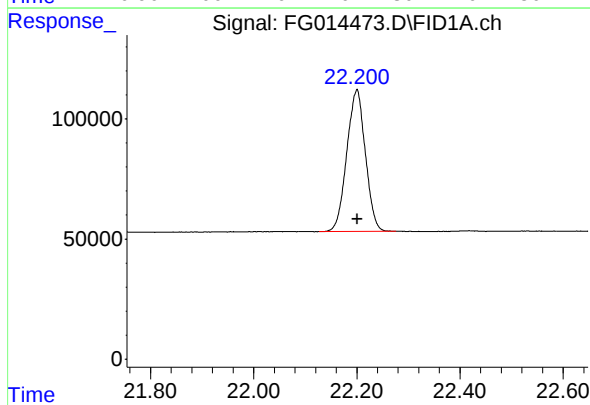
R.T.: 20.495 min
Delta R.T.: 0.000 min
Response: 1787469
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.000 min
Response: 1610992
Conc: 20.00 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.200 min
Delta R.T.: 0.000 min
Response: 1474675
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014473.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 01:56
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.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	3.347	3.307	3.393	BB	262753	2560741	85.03%	4.643%
2	4.600	4.563	4.631	BB	256028	2606448	86.55%	4.726%
3	6.307	6.270	6.343	BB	301568	2837209	94.21%	5.144%
4	6.772	6.728	6.815	BB	271051	2627755	87.26%	4.764%
5	7.406	7.359	7.441	BB	281848	2759851	91.64%	5.004%
6	8.605	8.563	8.650	BB	245959	2622642	87.09%	4.755%
7	10.218	10.176	10.262	BB	249711	2734646	90.81%	4.958%
8	11.665	11.618	11.707	BB	246604	2791285	92.69%	5.061%
9	11.984	11.938	12.020	BB	272892	3011490	100.00%	5.460%
10	12.977	12.932	13.025	BB	231619	2719538	90.31%	4.931%
11	13.423	13.379	13.468	BB	199632	2367257	78.61%	4.292%
12	13.590	13.545	13.637	BB	217751	2692898	89.42%	4.883%
13	14.178	14.128	14.219	BB	215723	2695364	89.50%	4.887%
14	15.283	15.234	15.323	BB	214514	2712448	90.07%	4.918%
15	16.304	16.258	16.348	BB	199833	2683219	89.10%	4.865%
16	17.255	17.204	17.301	BB	191262	2618153	86.94%	4.747%
17	18.143	18.086	18.184	BB	194754	2626243	87.21%	4.762%
18	18.976	18.924	19.025	BB	177336	2480578	82.37%	4.498%
19	19.759	19.704	19.807	BB	148344	2132240	70.80%	3.866%
20	20.495	20.439	20.533	BB	123641	1787469	59.35%	3.241%
21	21.250	21.191	21.312	BB	90908	1610992	53.49%	2.921%
22	22.200	22.127	22.276	BB	59263	1474675	48.97%	2.674%
Sum of corrected areas:							55153140	

Aliphatic EPH 102124.M Tue Oct 22 07:01:48 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014474.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 02:25
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 22 06:46:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:44:46 2024
 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)	11.984	1633149	10.846 ug/ml
Spiked Amount 50.000		Recovery =	21.69%
12) S 1-chlorooctadecane (S...	13.423	1331752	11.251 ug/ml
Spiked Amount 50.000		Recovery =	22.50%
Target Compounds			
1) T n-Nonane (C9)	3.347	1367036	10.677 ug/ml
2) T n-Decane (C10)	4.600	1389913	10.665 ug/ml
3) T A~Naphthalene (C11.7)	6.307	1513940	10.672 ug/ml
4) T n-Dodecane (C12)	6.771	1401341	10.666 ug/ml
5) T A~2-methylnaphthalene...	7.405	1472351	10.670 ug/ml
6) T n-Tetradecane (C14)	8.604	1401781	10.690 ug/ml
7) T n-Hexadecane (C16)	10.217	1476396	10.798 ug/ml
8) T n-Octadecane (C18)	11.664	1535645	11.003 ug/ml
10) T n-Eicosane (C20)	12.977	1523610	11.205 ug/ml
11) T n-Heneicosane (C21)	13.589	1525021	11.326 ug/ml
13) T n-Docosane (C22)	14.176	1539964	11.427 ug/ml
14) T n-Tetracosane (C24)	15.283	1573071	11.599 ug/ml
15) T n-Hexacosane (C26)	16.303	1571293	11.712 ug/ml
16) T n-Octacosane (C28)	17.254	1545724	11.808 ug/ml
17) T n-Tricontane (C30)	18.141	1556404	11.853 ug/ml
18) T n-Dotriacontane (C32)	18.975	1468804	11.842 ug/ml
19) T n-Tetratriacontane (C34)	19.757	1251076	11.735 ug/ml
20) T n-Hexatriacontane (C36)	20.496	1031050	11.536 ug/ml
21) T n-Octatriacontane (C38)	21.251	913333	11.339 ug/ml
22) T n-Tetracontane (C40)	22.201	828726	11.239 ug/ml

(f)=RT Delta > 1/2 Window

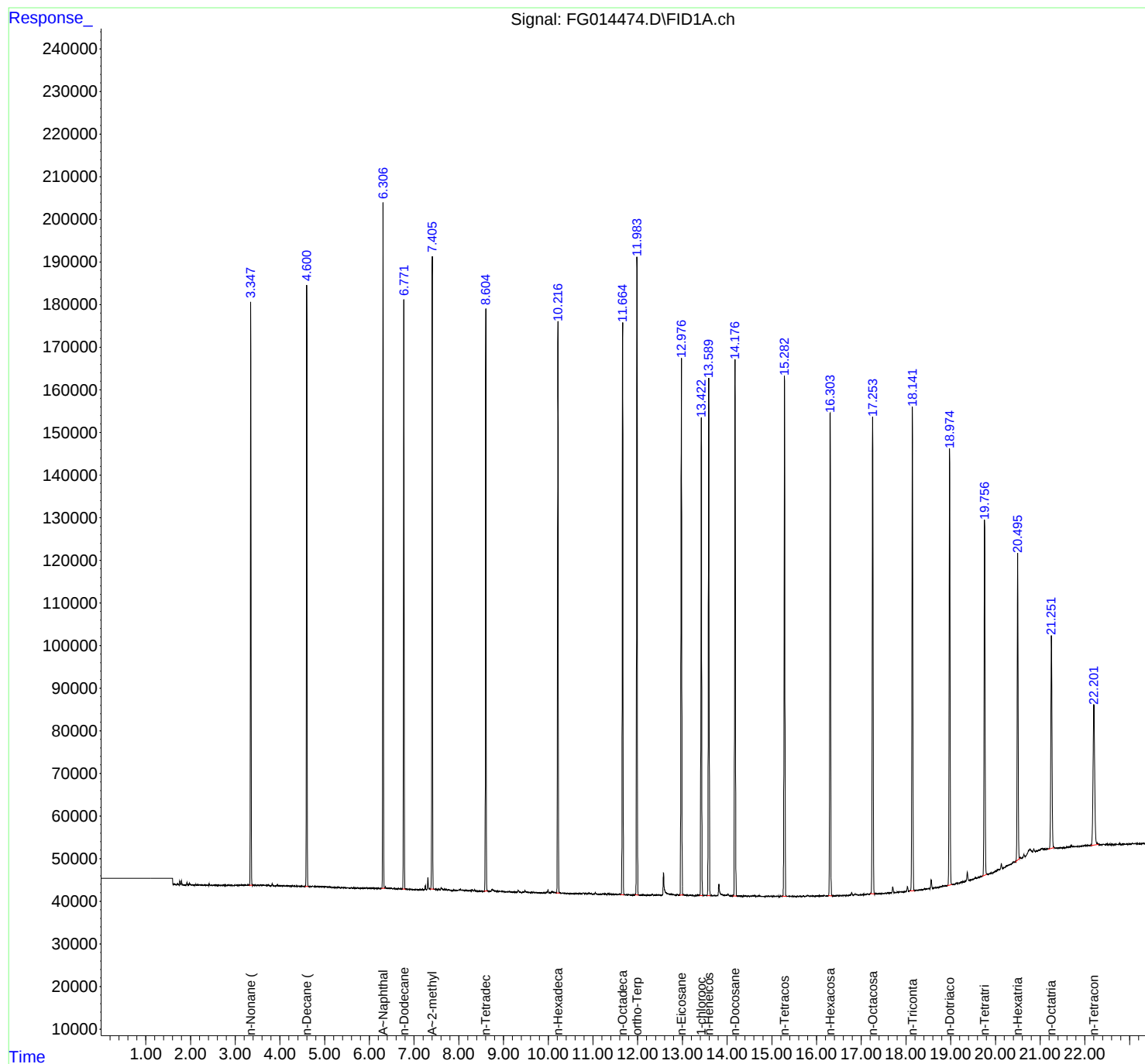
(m)=manual int.

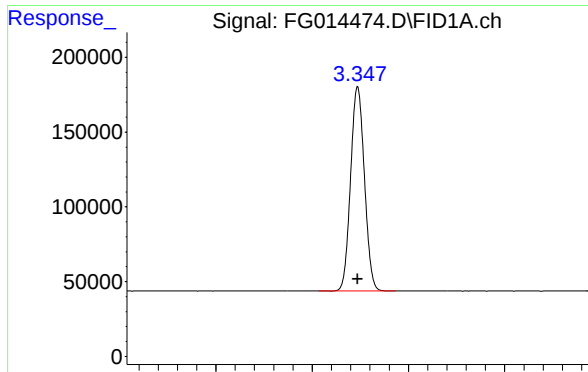
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014474.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 02:25
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 22 06:46:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 06:44:46 2024
Response via : Initial Calibration
Integrator: ChemStation

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

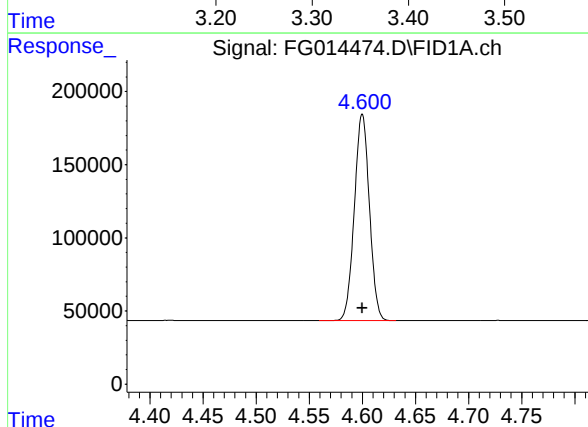




#1 n-Nonane (C9)

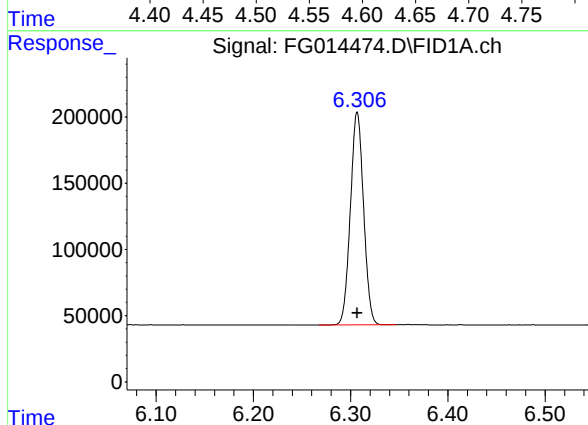
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 1367036
Conc: 10.68 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



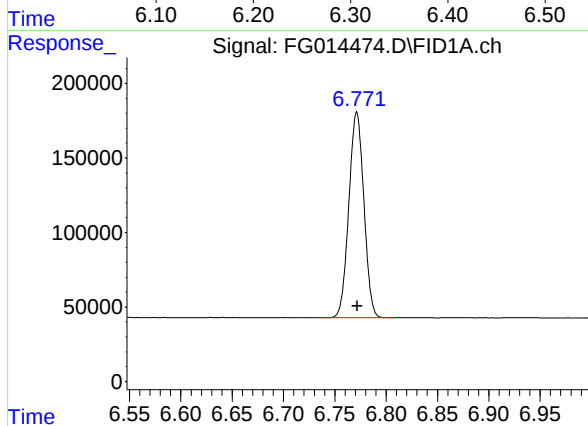
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 1389913
Conc: 10.67 ug/ml



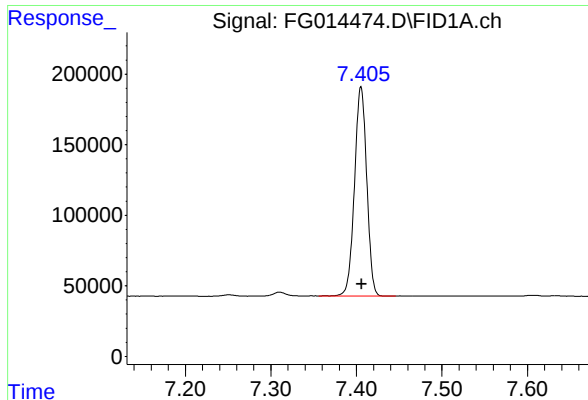
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 1513940
Conc: 10.67 ug/ml



#4 n-Dodecane (C12)

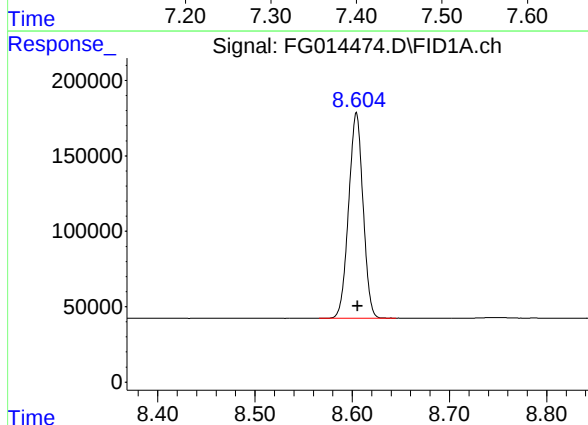
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 1401341
Conc: 10.67 ug/ml



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

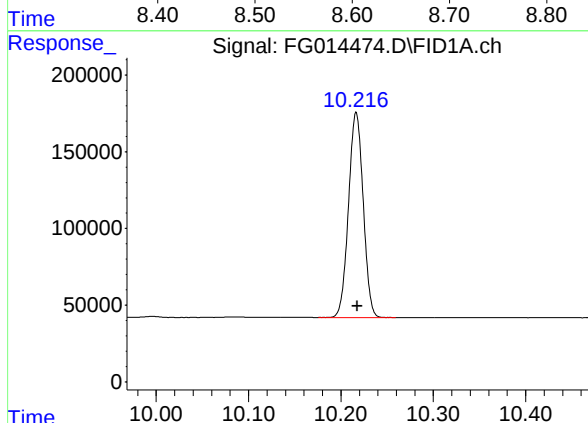
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 1472351
Conc: 10.67 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



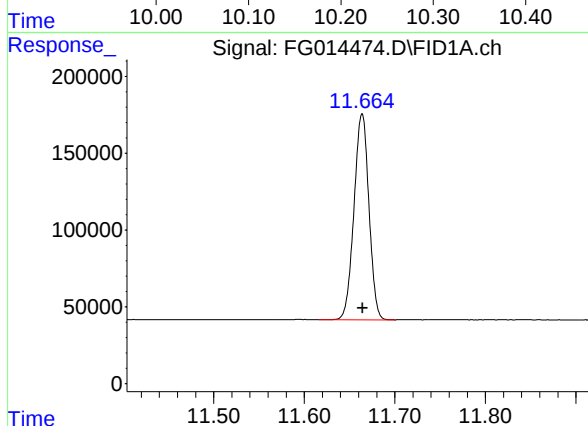
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.000 min
Response: 1401781
Conc: 10.69 ug/ml



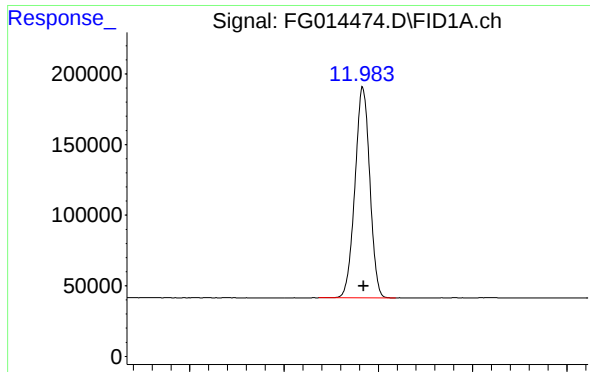
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.001 min
Response: 1476396
Conc: 10.80 ug/ml



#8 n-Octadecane (C18)

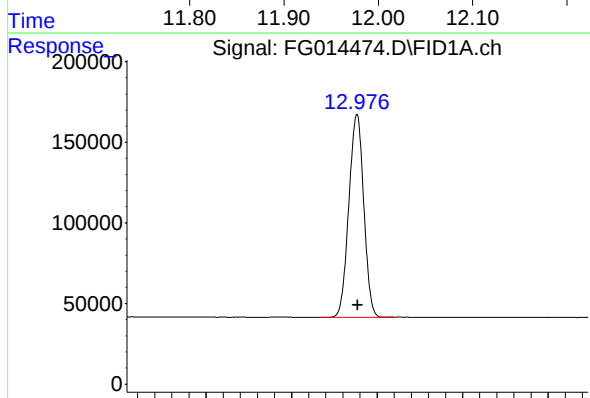
R.T.: 11.664 min
Delta R.T.: 0.000 min
Response: 1535645
Conc: 11.00 ug/ml



#9 ortho-Terphenyl (SURR)

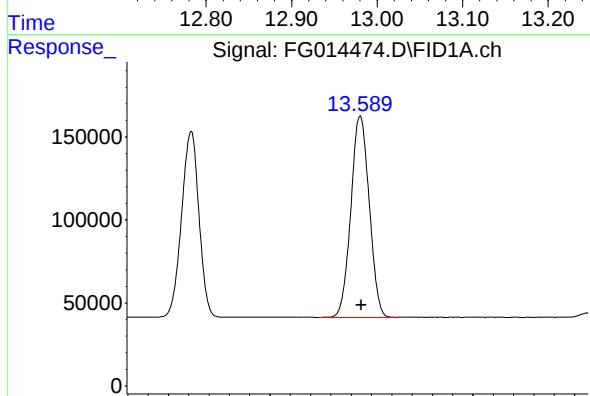
R.T.: 11.984 min
Delta R.T.: 0.000 min
Response: 1633149
Conc: 10.85 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



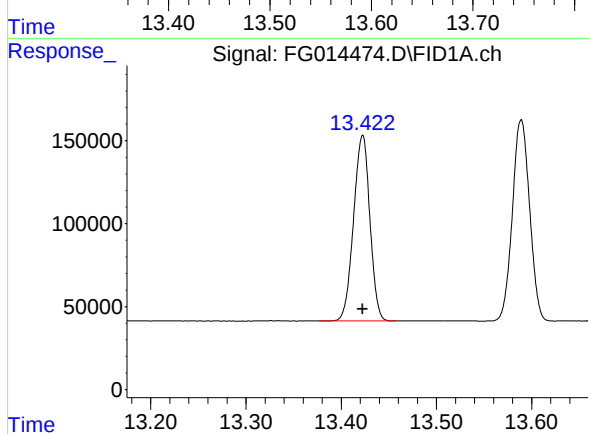
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.000 min
Response: 1523610
Conc: 11.20 ug/ml



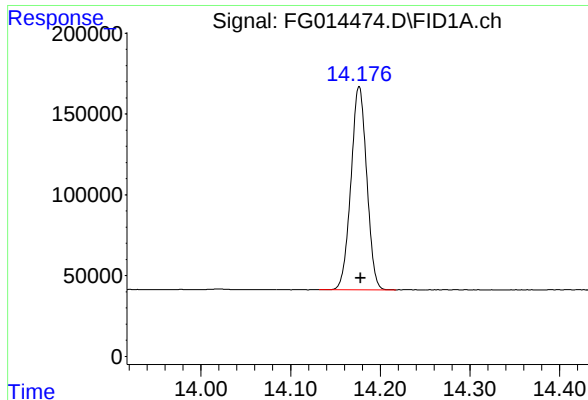
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: -0.001 min
Response: 1525021
Conc: 11.33 ug/ml



#12 1-chlorooctadecane (SURR)

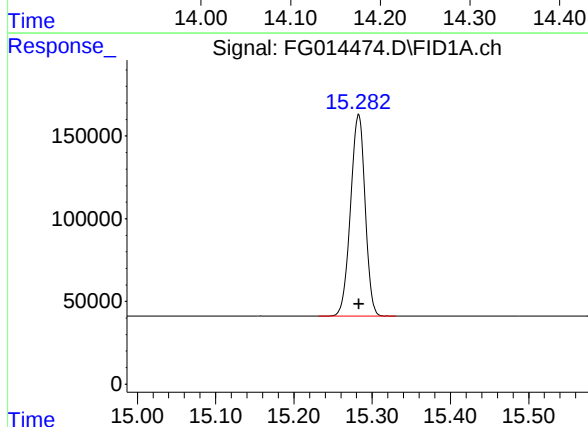
R.T.: 13.423 min
Delta R.T.: 0.000 min
Response: 1331752
Conc: 11.25 ug/ml



#13 n-Docosane (C22)

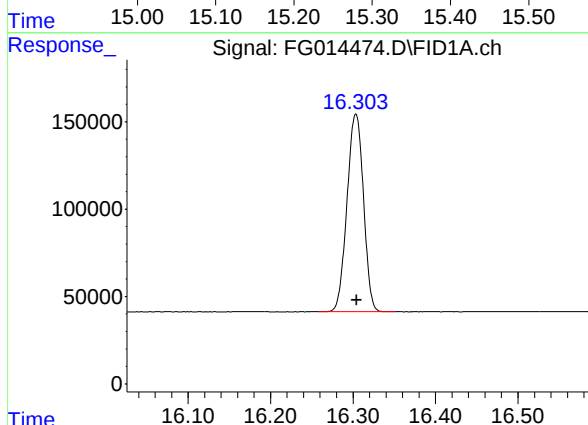
R.T.: 14.176 min
Delta R.T.: -0.002 min
Response: 1539964
Conc: 11.43 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



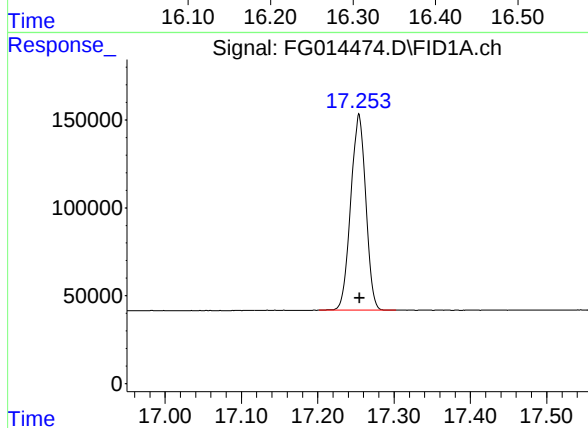
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 1573071
Conc: 11.60 ug/ml



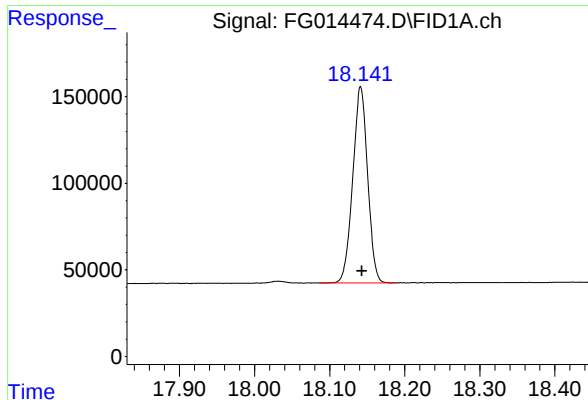
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 1571293
Conc: 11.71 ug/ml



#16 n-Octacosane (C28)

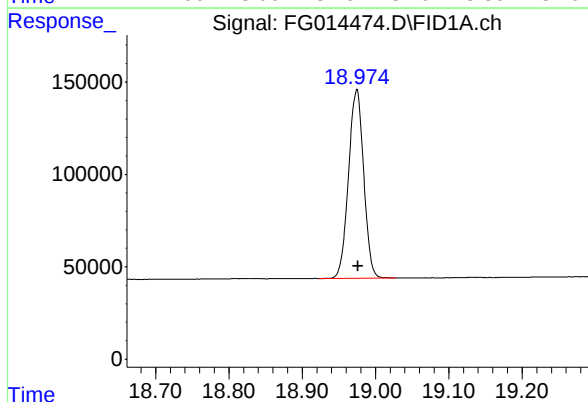
R.T.: 17.254 min
Delta R.T.: 0.000 min
Response: 1545724
Conc: 11.81 ug/ml



#17 n-Tricontane (C30)

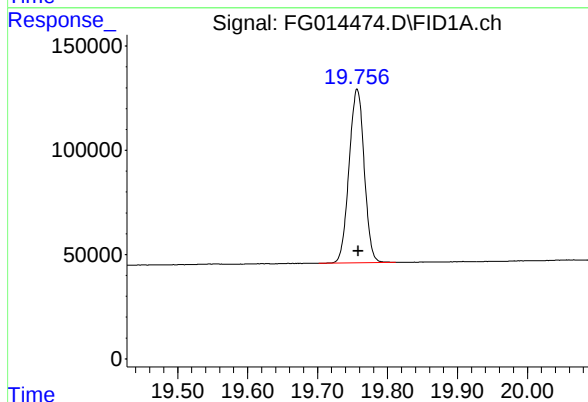
R.T.: 18.141 min
Delta R.T.: -0.002 min
Response: 1556404
Conc: 11.85 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



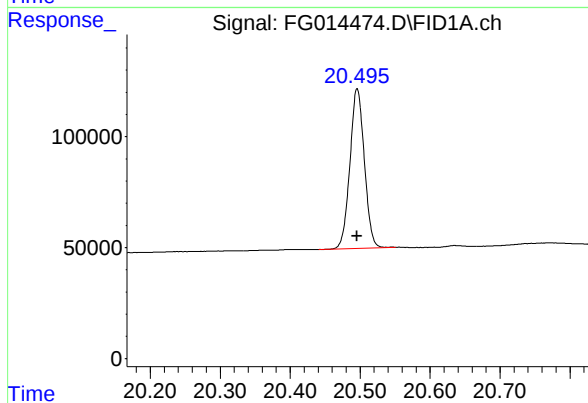
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: -0.002 min
Response: 1468804
Conc: 11.84 ug/ml



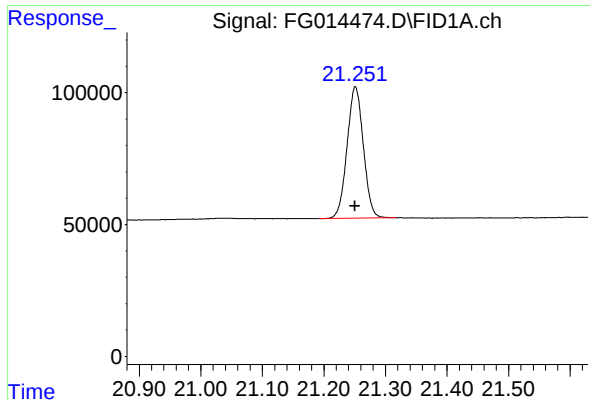
#19 n-Tetatriacontane (C34)

R.T.: 19.757 min
Delta R.T.: -0.002 min
Response: 1251076
Conc: 11.73 ug/ml



#20 n-Hexatriacontane (C36)

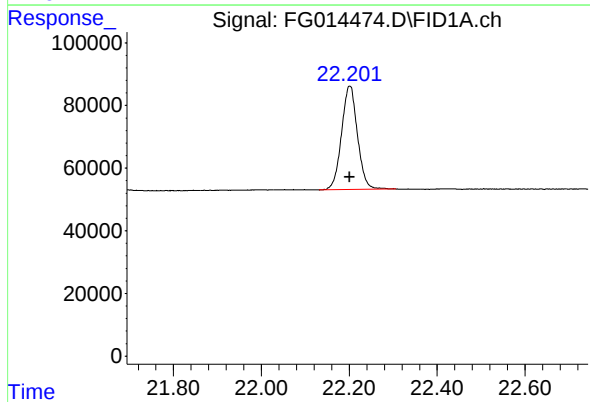
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 1031050
Conc: 11.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: 0.000 min
Response: 913333
Conc: 11.34 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: 0.000 min
Response: 828726
Conc: 11.24 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014474.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 02:25
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.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	3.347	3.307	3.387	BB	136700	1367036	83.71%	4.431%
2	4.600	4.559	4.632	BB	141149	1389913	85.11%	4.505%
3	6.307	6.268	6.347	BB	160809	1513940	92.70%	4.907%
4	6.771	6.734	6.809	BB	138235	1401341	85.81%	4.542%
5	7.405	7.356	7.446	BB	148297	1472351	90.15%	4.772%
6	8.604	8.566	8.645	BB	136519	1401781	85.83%	4.544%
7	10.217	10.176	10.259	BB	133991	1476396	90.40%	4.786%
8	11.664	11.616	11.701	BB	134316	1535645	94.03%	4.978%
9	11.984	11.937	12.018	BB	149418	1633149	100.00%	5.294%
10	12.977	12.932	13.022	BB	125998	1523610	93.29%	4.939%
11	13.423	13.377	13.458	BB	112038	1331752	81.55%	4.317%
12	13.589	13.548	13.624	BB	121521	1525021	93.38%	4.943%
13	14.176	14.132	14.218	BB	125981	1539964	94.29%	4.992%
14	15.283	15.232	15.330	BB	122087	1573071	96.32%	5.099%
15	16.303	16.258	16.352	BB	113264	1571293	96.21%	5.093%
16	17.254	17.202	17.303	BB	111563	1545724	94.65%	5.010%
17	18.141	18.086	18.188	BB	113379	1556404	95.30%	5.045%
18	18.975	18.922	19.028	BB	102455	1468804	89.94%	4.761%
19	19.757	19.702	19.812	BB	83309	1251076	76.61%	4.055%
20	20.496	20.441	20.551	BB	72022	1031050	63.13%	3.342%
21	21.251	21.192	21.317	BB	49951	913333	55.92%	2.960%
22	22.201	22.131	22.306	BB	33000	828726	50.74%	2.686%
Sum of corrected areas:							30851379	

Aliphatic EPH 102124.M Tue Oct 22 07:02:12 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014475.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 02:54
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 22 06:46:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:44:46 2024
 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)	11.982	831378	5.521 ug/ml
Spiked Amount 50.000		Recovery =	11.04%
12) S 1-chlorooctadecane (S...	13.422	685843	5.794 ug/ml
Spiked Amount 50.000		Recovery =	11.59%
Target Compounds			
1) T n-Nonane (C9)	3.347	694427	5.424 ug/ml
2) T n-Decane (C10)	4.600	708440	5.436 ug/ml
3) T A~Naphthalene (C11.7)	6.307	770627	5.432 ug/ml
4) T n-Dodecane (C12)	6.771	713929	5.434 ug/ml
5) T A~2-methylnaphthalene...	7.405	748484	5.424 ug/ml
6) T n-Tetradecane (C14)	8.604	713297	5.440 ug/ml
7) T n-Hexadecane (C16)	10.217	752896	5.506 ug/ml
8) T n-Octadecane (C18)	11.664	787466	5.642 ug/ml
10) T n-Eicosane (C20)	12.977	783230	5.760 ug/ml
11) T n-Heneicosane (C21)	13.589	785615	5.835 ug/ml
13) T n-Docosane (C22)	14.177	794152	5.893 ug/ml
14) T n-Tetracosane (C24)	15.281	809858	5.971 ug/ml
15) T n-Hexacosane (C26)	16.303	809568	6.034 ug/ml
16) T n-Octacosane (C28)	17.253	799676	6.109 ug/ml
17) T n-Tricontane (C30)	18.141	812937	6.191 ug/ml
18) T n-Dotriacontane (C32)	18.973	776653	6.262 ug/ml
19) T n-Tetratriacontane (C34)	19.756	658399	6.176 ug/ml
20) T n-Hexatriacontane (C36)	20.494	538139	6.021 ug/ml
21) T n-Octatriacontane (C38)	21.250	478182	5.936 ug/ml
22) T n-Tetracontane (C40)	22.199	421491	5.716 ug/ml

(f)=RT Delta > 1/2 Window

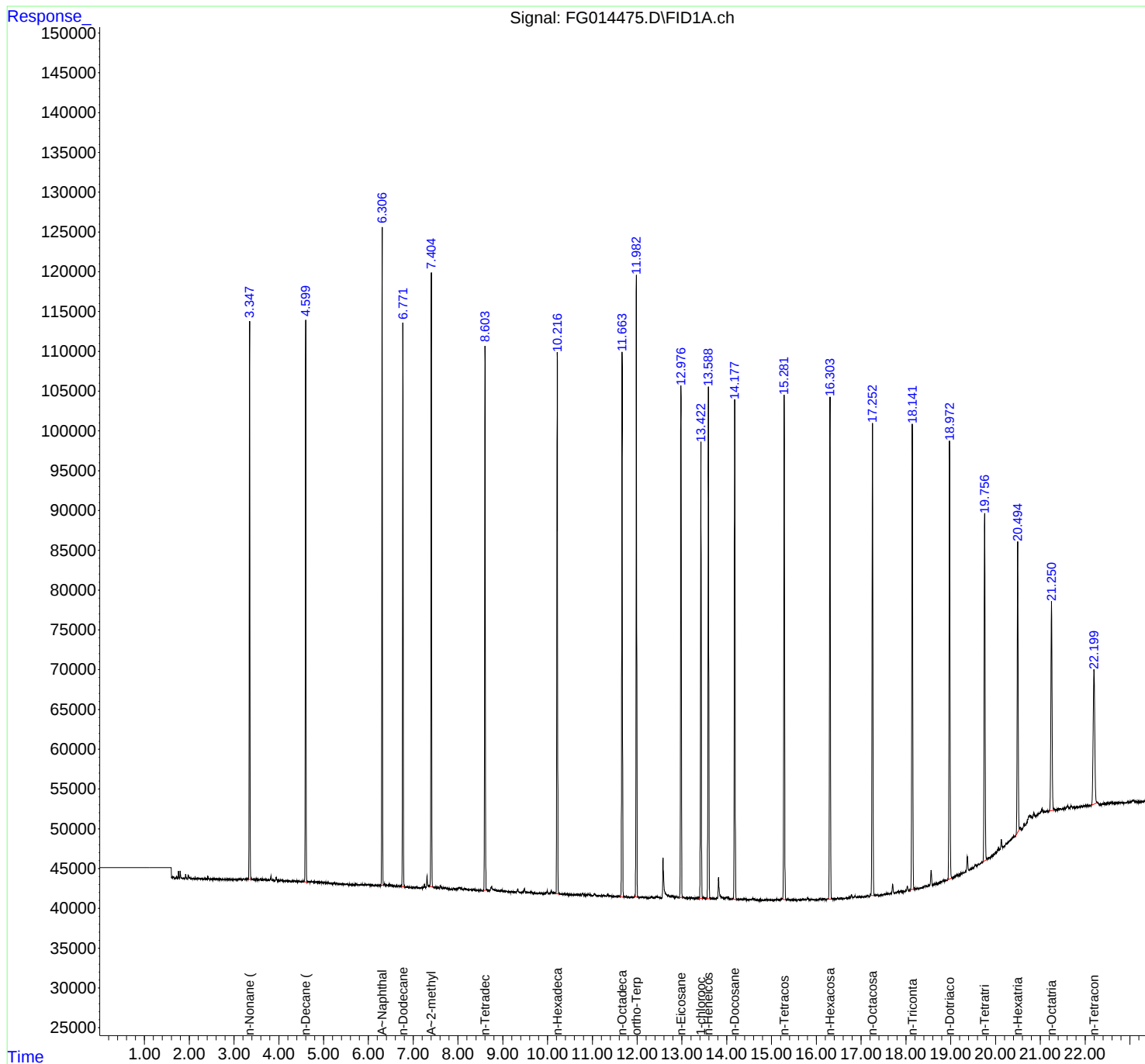
(m)=manual int.

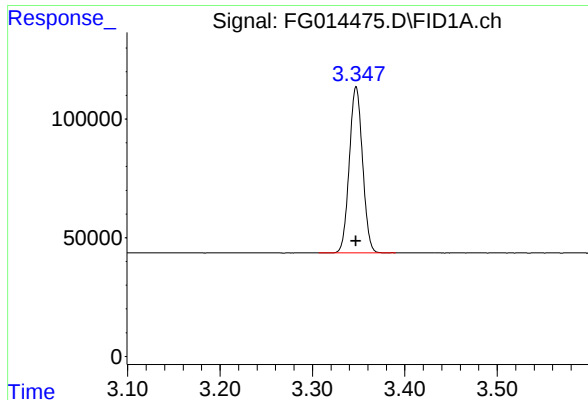
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014475.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 02:54
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Oct 22 06:46:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 06:44:46 2024
Response via : Initial Calibration
Integrator: ChemStation

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

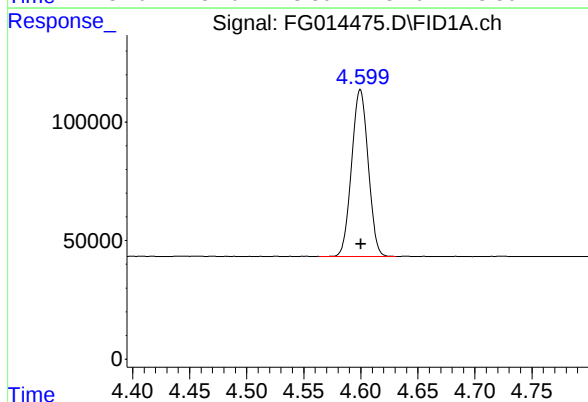




#1 n-Nonane (C9)

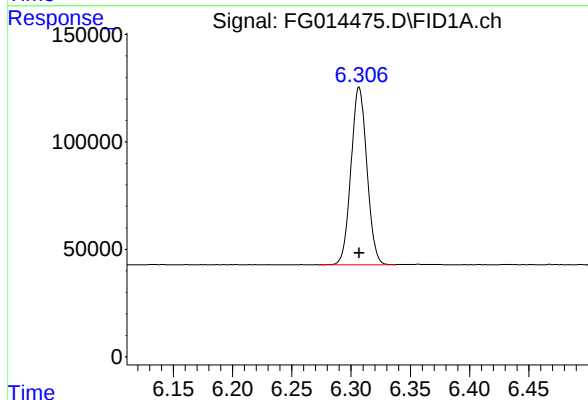
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 694427
Conc: 5.42 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



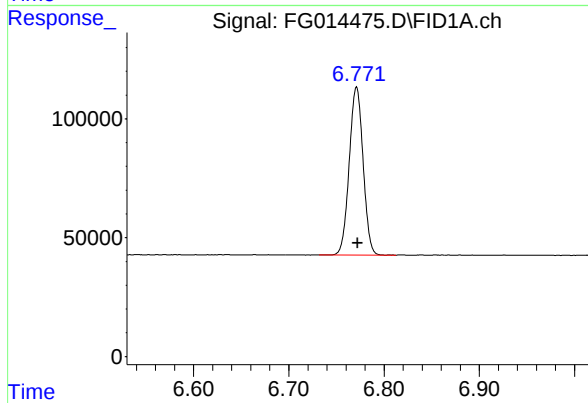
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 708440
Conc: 5.44 ug/ml



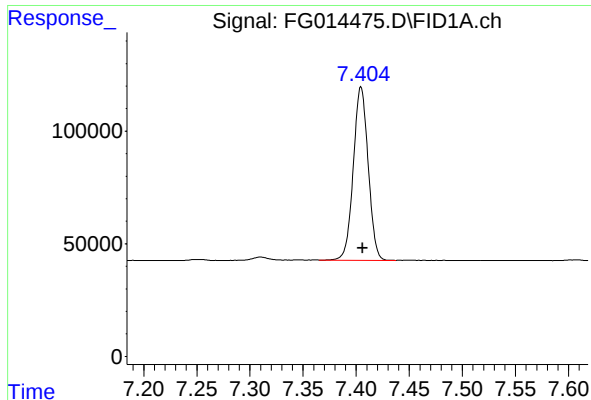
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 770627
Conc: 5.43 ug/ml



#4 n-Dodecane (C12)

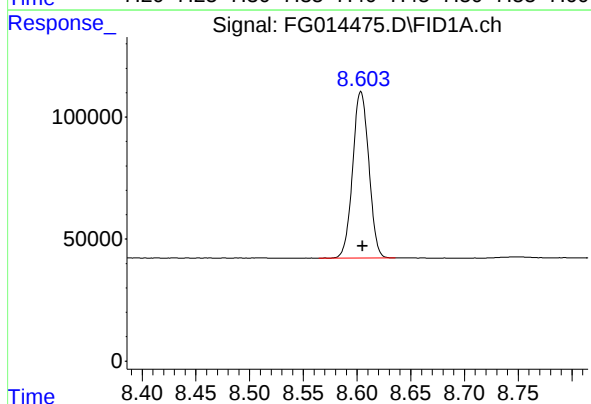
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 713929
Conc: 5.43 ug/ml



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

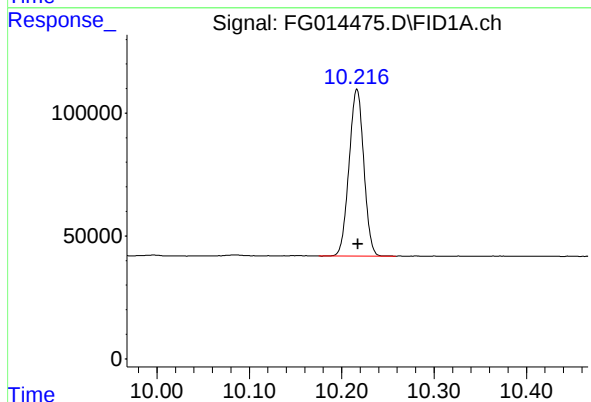
R.T.: 7.405 min
Delta R.T.: -0.001 min
Response: 748484
Conc: 5.42 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



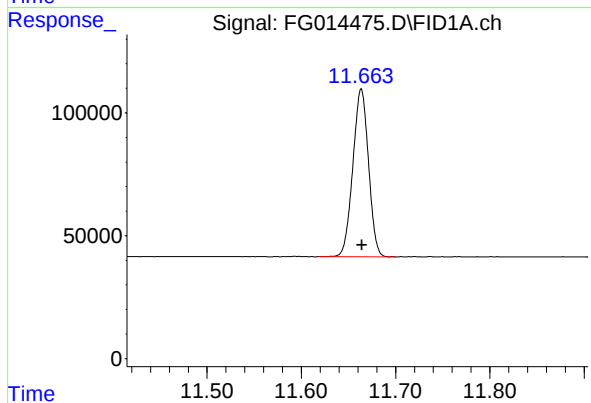
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: -0.002 min
Response: 713297
Conc: 5.44 ug/ml



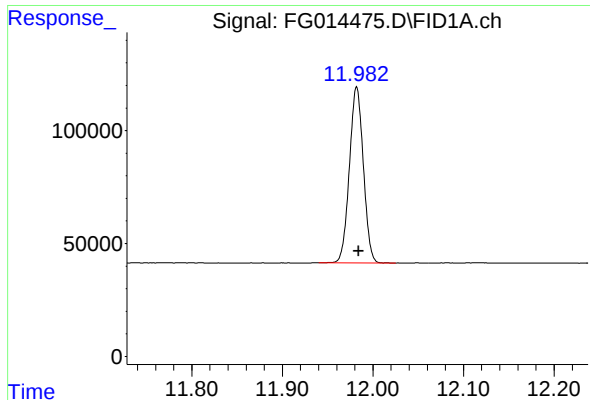
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.001 min
Response: 752896
Conc: 5.51 ug/ml



#8 n-Octadecane (C18)

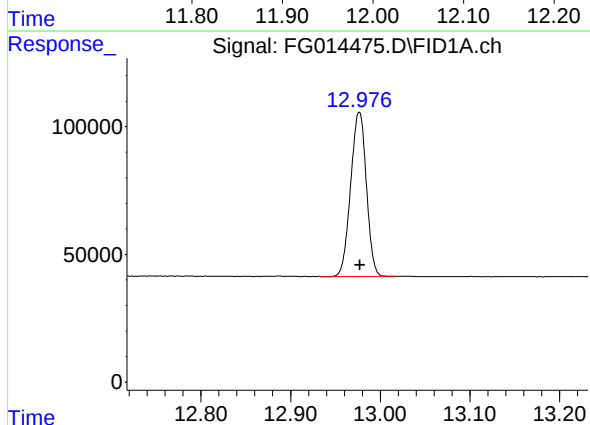
R.T.: 11.664 min
Delta R.T.: 0.000 min
Response: 787466
Conc: 5.64 ug/ml



#9 ortho-Terphenyl (SURR)

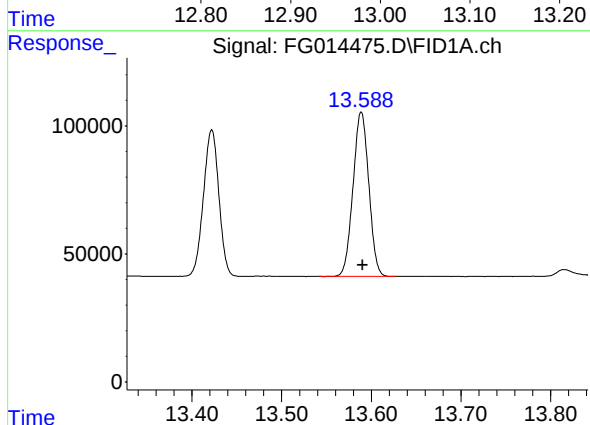
R.T.: 11.982 min
Delta R.T.: -0.002 min
Response: 831378
Conc: 5.52 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



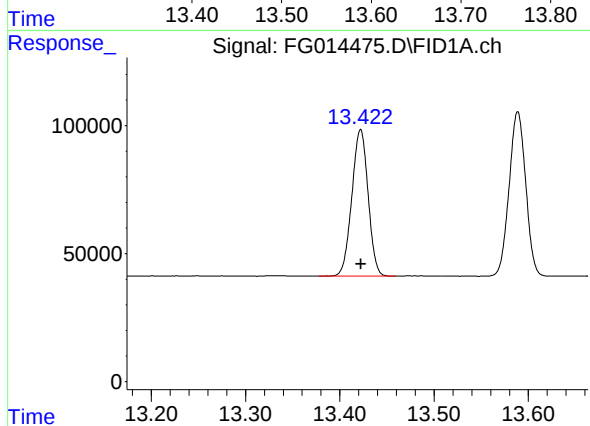
#10 n-Eicosane (C20)

R.T.: 12.977 min
Delta R.T.: 0.000 min
Response: 783230
Conc: 5.76 ug/ml



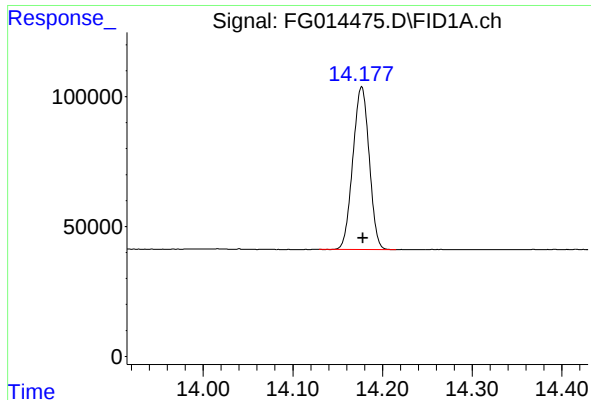
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: -0.001 min
Response: 785615
Conc: 5.83 ug/ml



#12 1-chlorooctadecane (SURR)

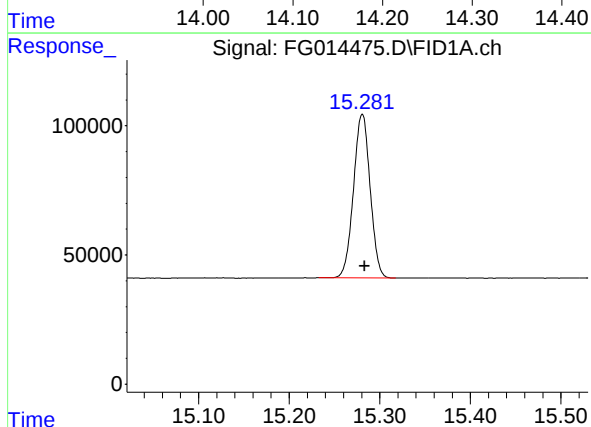
R.T.: 13.422 min
Delta R.T.: 0.000 min
Response: 685843
Conc: 5.79 ug/ml



#13 n-Docosane (C22)

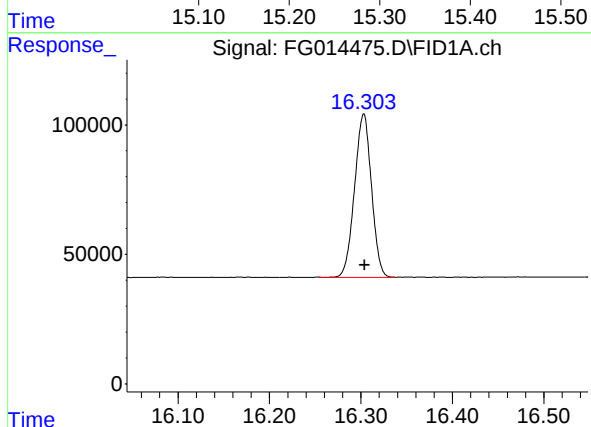
R.T.: 14.177 min
Delta R.T.: -0.001 min
Response: 794152
Conc: 5.89 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



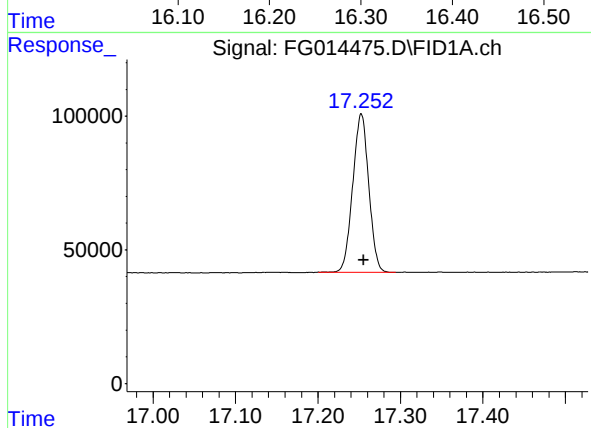
#14 n-Tetracosane (C24)

R.T.: 15.281 min
Delta R.T.: -0.003 min
Response: 809858
Conc: 5.97 ug/ml



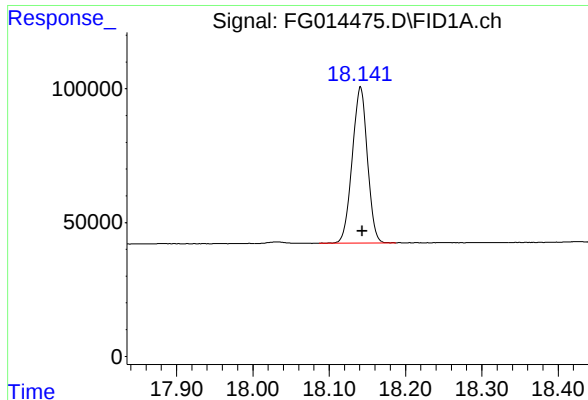
#15 n-Hexacosane (C26)

R.T.: 16.303 min
Delta R.T.: 0.000 min
Response: 809568
Conc: 6.03 ug/ml



#16 n-Octacosane (C28)

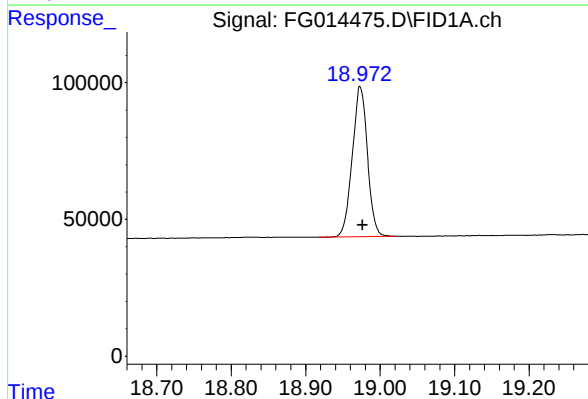
R.T.: 17.253 min
Delta R.T.: -0.002 min
Response: 799676
Conc: 6.11 ug/ml



#17 n-Tricontane (C30)

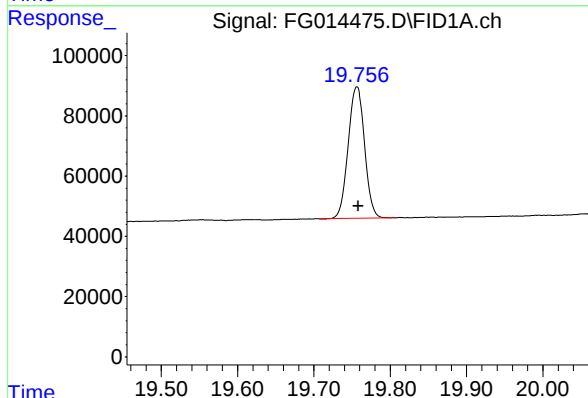
R.T.: 18.141 min
Delta R.T.: -0.002 min
Response: 812937
Conc: 6.19 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



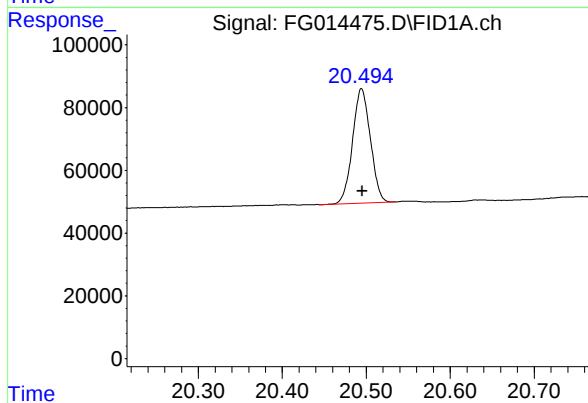
#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: -0.003 min
Response: 776653
Conc: 6.26 ug/ml



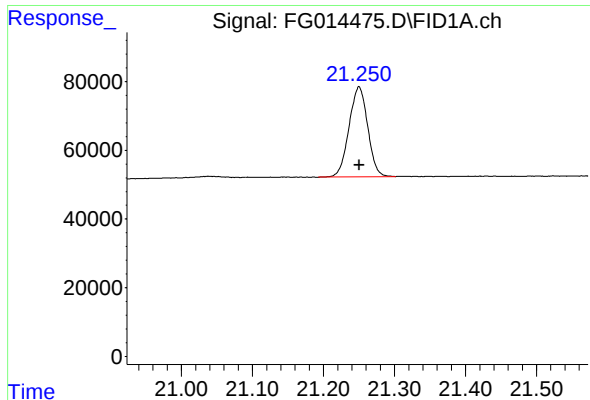
#19 n-Tetatriacontane (C34)

R.T.: 19.756 min
Delta R.T.: -0.002 min
Response: 658399
Conc: 6.18 ug/ml



#20 n-Hexatriacontane (C36)

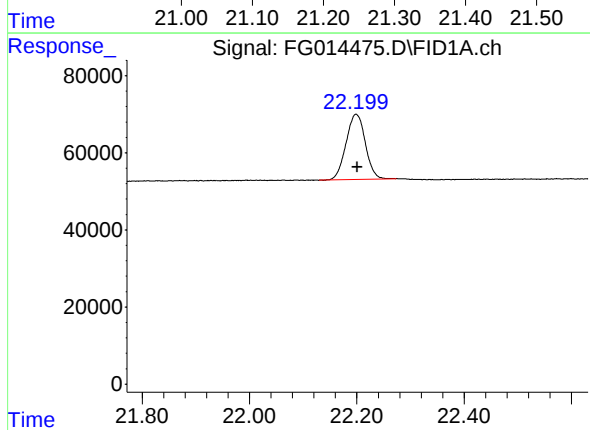
R.T.: 20.494 min
Delta R.T.: -0.001 min
Response: 538139
Conc: 6.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.250 min
Delta R.T.: 0.000 min
Response: 478182
Conc: 5.94 ug/ml

Instrument :
FID_G
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.199 min
Delta R.T.: -0.002 min
Response: 421491
Conc: 5.72 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014475.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 02:54
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.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	3.347	3.307	3.390	BB	70114	694427	83.53%	4.374%
2	4.600	4.563	4.631	BB	70505	708440	85.21%	4.463%
3	6.307	6.273	6.338	BB	82679	770627	92.69%	4.854%
4	6.771	6.732	6.813	BB	70800	713929	85.87%	4.497%
5	7.405	7.365	7.438	BB	77065	748484	90.03%	4.715%
6	8.604	8.564	8.636	BB	68307	713297	85.80%	4.493%
7	10.217	10.175	10.258	BB	68016	752896	90.56%	4.743%
8	11.664	11.618	11.700	BB	68428	787466	94.72%	4.961%
9	11.982	11.940	12.025	BB	78086	831378	100.00%	5.237%
10	12.977	12.932	13.018	BB	64339	783230	94.21%	4.934%
11	13.422	13.378	13.459	BB	57371	685843	82.49%	4.320%
12	13.589	13.542	13.628	BB	64313	785615	94.50%	4.949%
13	14.177	14.129	14.215	BB	62779	794152	95.52%	5.003%
14	15.281	15.233	15.318	BB	63427	809858	97.41%	5.102%
15	16.303	16.254	16.338	BB	63182	809568	97.38%	5.100%
16	17.253	17.201	17.294	BB	59385	799676	96.19%	5.037%
17	18.141	18.087	18.188	BB	58487	812937	97.78%	5.121%
18	18.973	18.918	19.021	BB	54915	776653	93.42%	4.892%
19	19.756	19.707	19.808	BB	43659	658399	79.19%	4.147%
20	20.494	20.443	20.535	BB	36530	538139	64.73%	3.390%
21	21.250	21.193	21.302	BB	26322	478182	57.52%	3.012%
22	22.199	22.130	22.273	BB	16932	421491	50.70%	2.655%
Sum of corrected areas:							15874687	

Aliphatic EPH 102124.M Tue Oct 22 07:03:53 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
 Data File : FG014476.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 03:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 22 06:50:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 06:49:54 2024
 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)	11.985	3155986	20.591 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
12) S 1-chlorooctadecane (S...	13.423	2586371	21.063 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.347	2616584	20.219 ug/ml
2) T n-Decane (C10)	4.600	2665562	20.229 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2901812	20.229 ug/ml
4) T n-Dodecane (C12)	6.772	2693122	20.273 ug/ml
5) T A~2-methylnaphthalene...	7.406	2825092	20.250 ug/ml
6) T n-Tetradecane (C14)	8.605	2704957	20.387 ug/ml
7) T n-Hexadecane (C16)	10.218	2857789	20.565 ug/ml
8) T n-Octadecane (C18)	11.665	2981784	20.829 ug/ml
10) T n-Eicosane (C20)	12.978	2961317	21.058 ug/ml
11) T n-Heneicosane (C21)	13.591	2958121	21.135 ug/ml
13) T n-Docosane (C22)	14.178	2978947	21.177 ug/ml
14) T n-Tetracosane (C24)	15.283	3019455	21.220 ug/ml
15) T n-Hexacosane (C26)	16.304	2993405	21.207 ug/ml
16) T n-Octacosane (C28)	17.255	2914681	21.089 ug/ml
17) T n-Tricontane (C30)	18.143	2909995	20.995 ug/ml
18) T n-Dotriacontane (C32)	18.974	2735700	20.895 ug/ml
19) T n-Tetratriacontane (C34)	19.757	2337254	20.882 ug/ml
20) T n-Hexatriacontane (C36)	20.496	1940381	20.847 ug/ml
21) T n-Octatriacontane (C38)	21.249	1745357	20.890 ug/ml
22) T n-Tetracontane (C40)	22.201	1581924	20.803 ug/ml

(f)=RT Delta > 1/2 Window

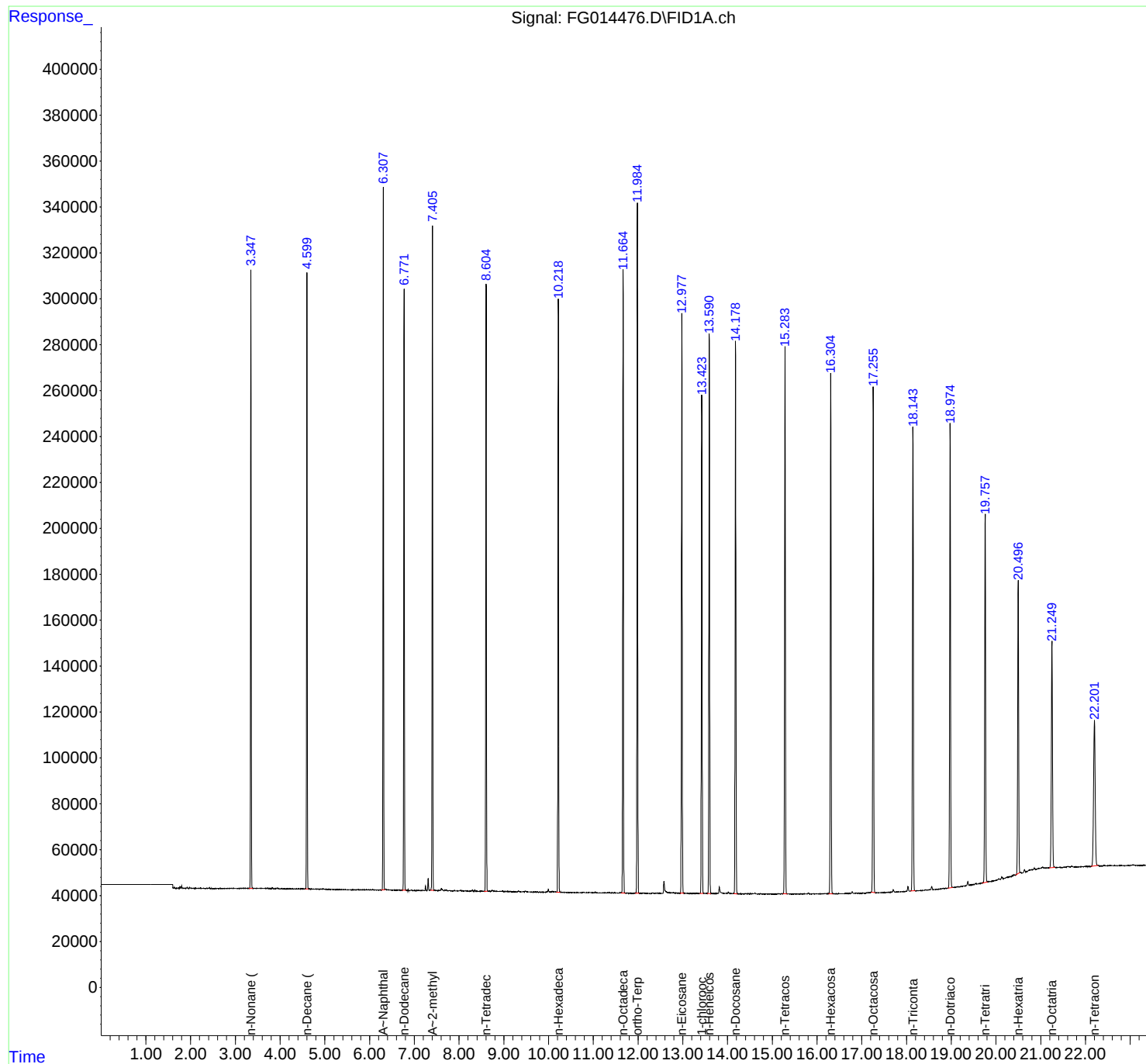
(m)=manual int.

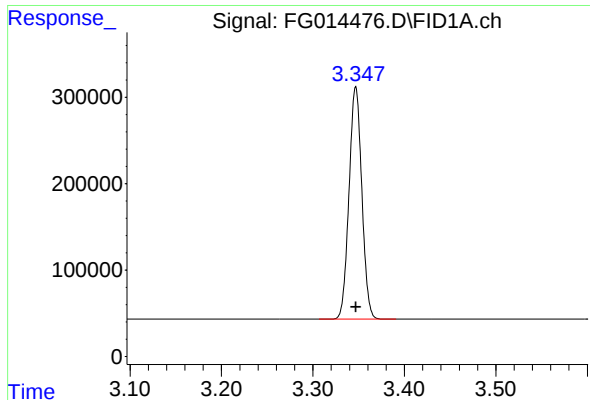
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014476.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 03:23
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 22 06:50:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.M
Quant Title : GC Extractables
QLast Update : Tue Oct 22 06:49:54 2024
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)

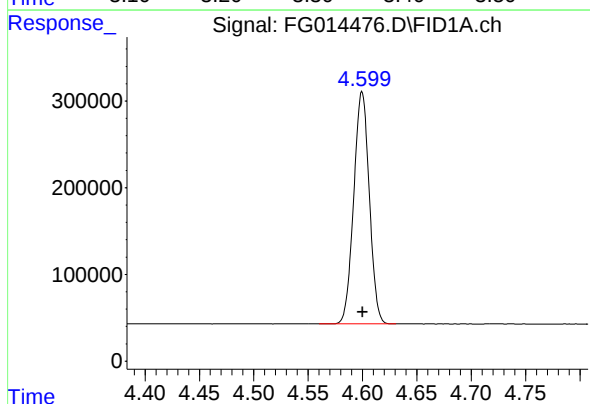
R.T.: 3.347 min
Delta R.T.: 0.000 min
Response: 2616584
Conc: 20.22 ug/ml

Instrument :

FID_G

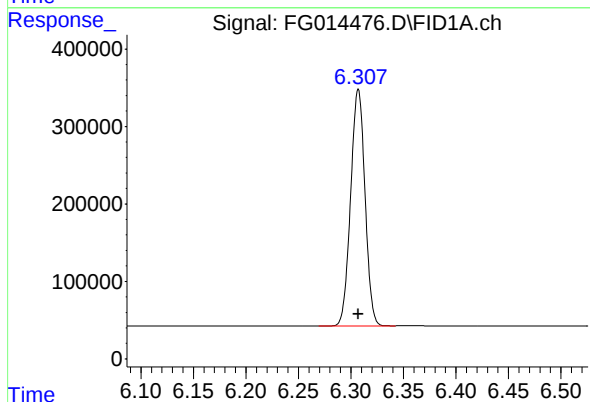
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



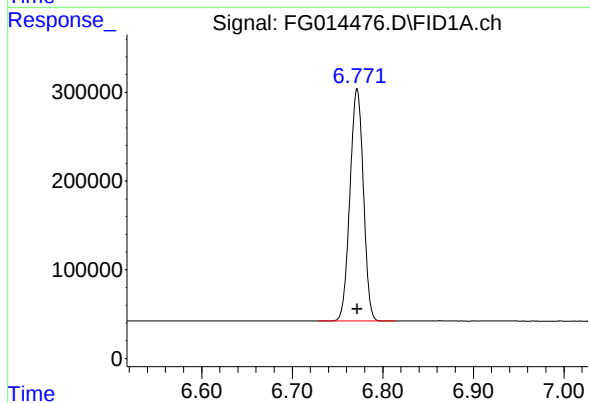
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 2665562
Conc: 20.23 ug/ml



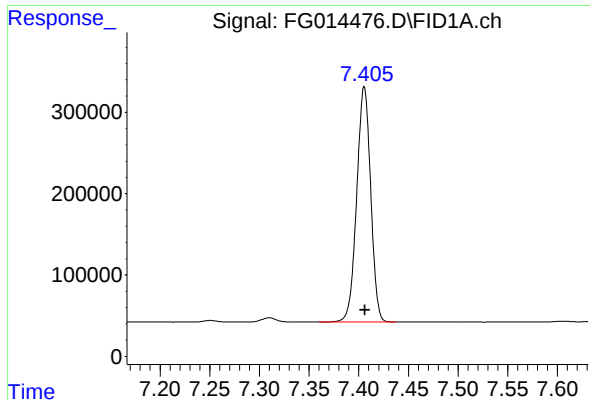
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 2901812
Conc: 20.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2693122
Conc: 20.27 ug/ml



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

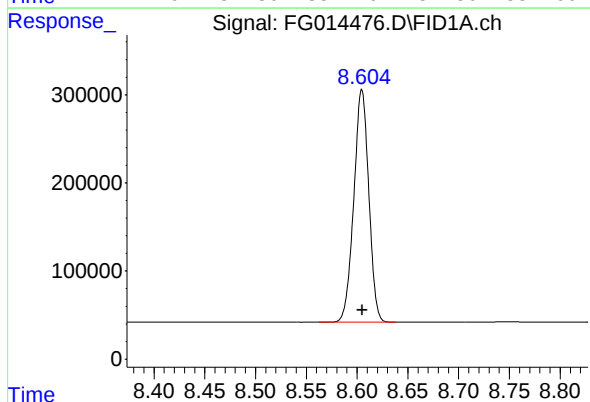
R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 2825092
Conc: 20.25 ug/ml

Instrument :

FID_G

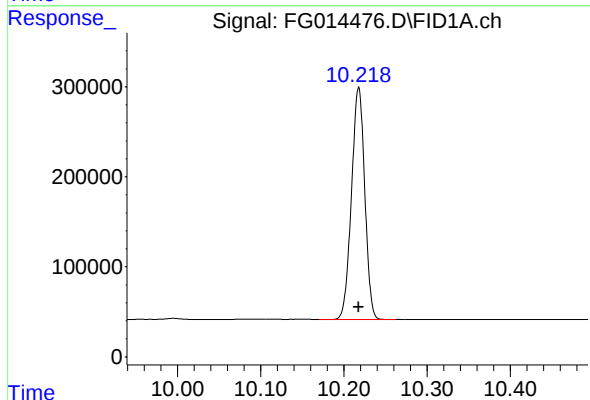
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



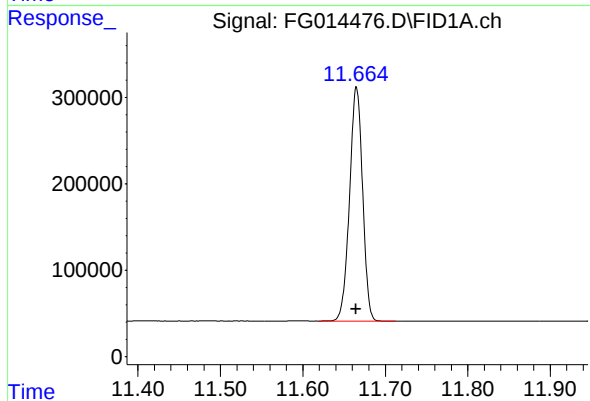
#6 n-Tetradecane (C14)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 2704957
Conc: 20.39 ug/ml



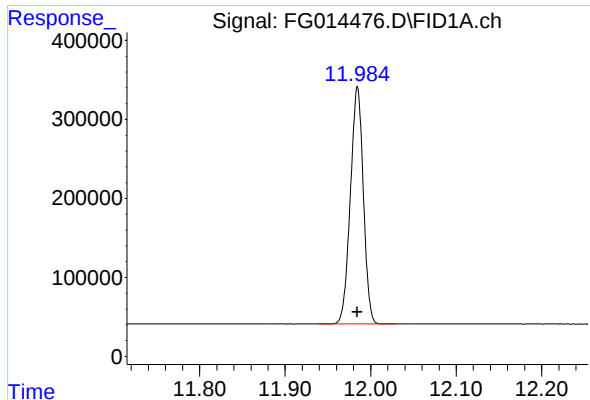
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.000 min
Response: 2857789
Conc: 20.57 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 2981784
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

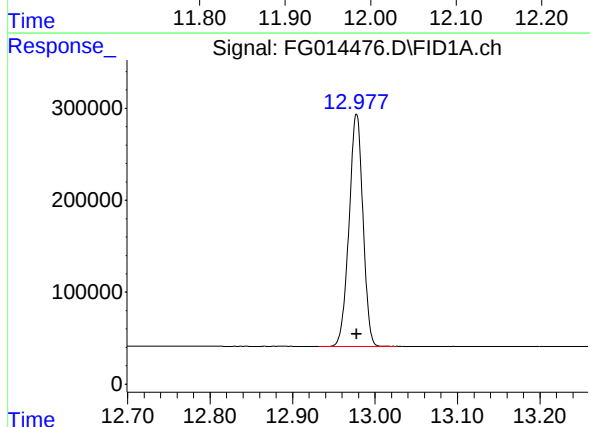
R.T.: 11.985 min
Delta R.T.: 0.000 min
Response: 3155986
Conc: 20.59 ug/ml

Instrument :

FID_G

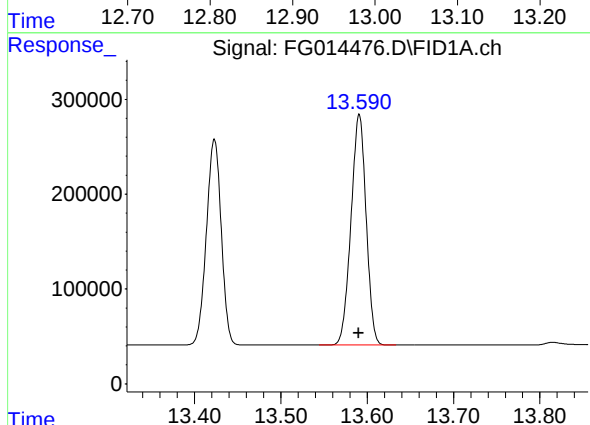
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



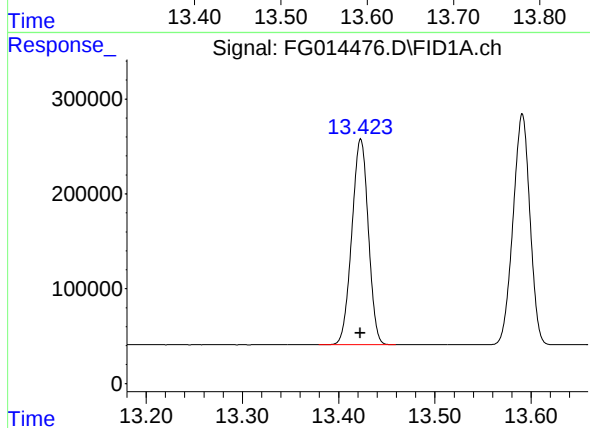
#10 n-Eicosane (C20)

R.T.: 12.978 min
Delta R.T.: 0.000 min
Response: 2961317
Conc: 21.06 ug/ml



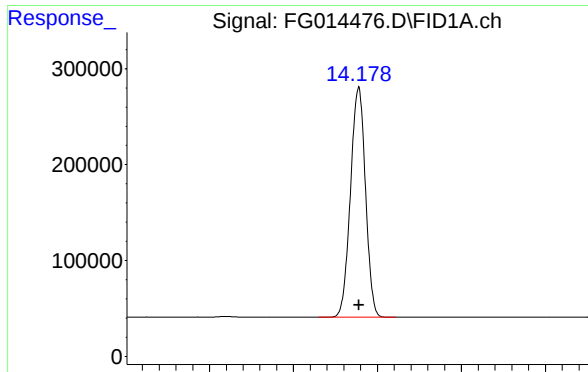
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.000 min
Response: 2958121
Conc: 21.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.423 min
Delta R.T.: 0.000 min
Response: 2586371
Conc: 21.06 ug/ml



#13 n-Docosane (C22)

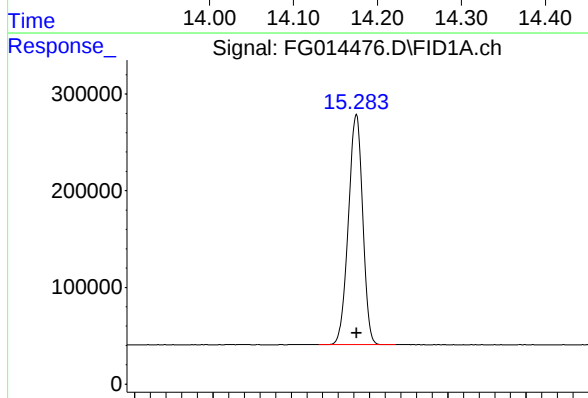
R.T.: 14.178 min
Delta R.T.: 0.000 min
Response: 2978947
Conc: 21.18 ug/ml

Instrument :

FID_G

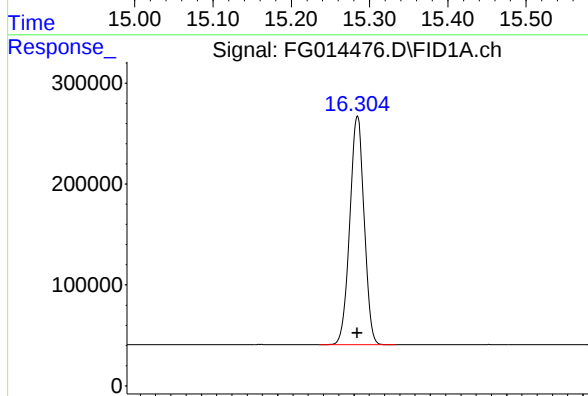
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



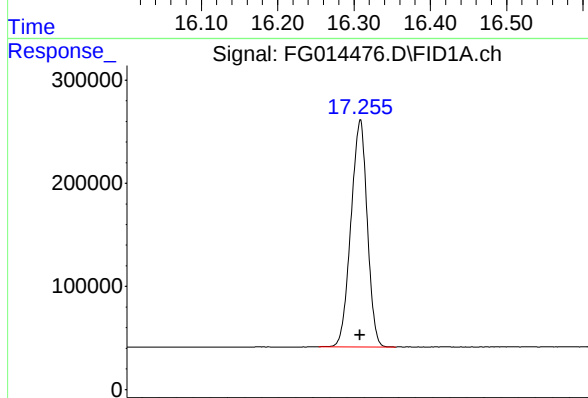
#14 n-Tetracosane (C24)

R.T.: 15.283 min
Delta R.T.: 0.000 min
Response: 3019455
Conc: 21.22 ug/ml



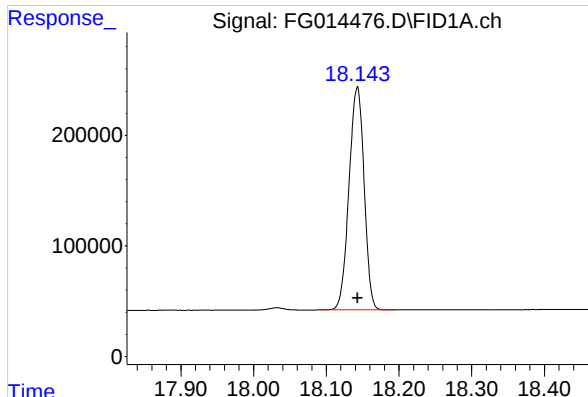
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.000 min
Response: 2993405
Conc: 21.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.255 min
Delta R.T.: 0.000 min
Response: 2914681
Conc: 21.09 ug/ml



#17 n-Tricontane (C30)

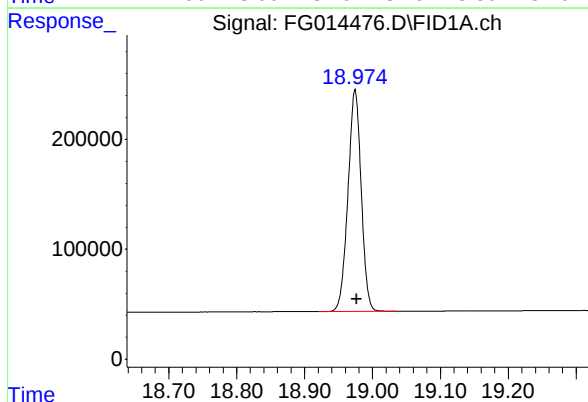
R.T.: 18.143 min
Delta R.T.: 0.000 min
Response: 2909995
Conc: 21.00 ug/ml

Instrument :

FID_G

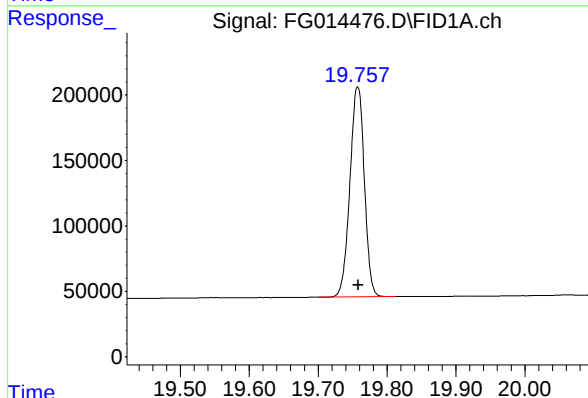
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



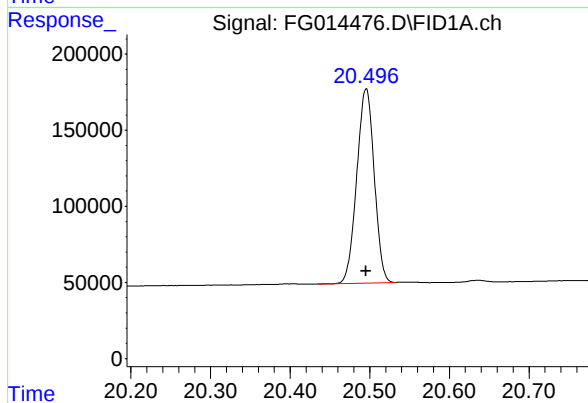
#18 n-Dotriacontane (C32)

R.T.: 18.974 min
Delta R.T.: -0.002 min
Response: 2735700
Conc: 20.90 ug/ml



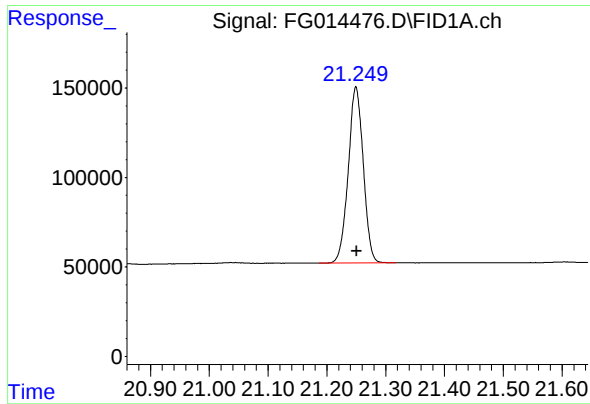
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: -0.001 min
Response: 2337254
Conc: 20.88 ug/ml



#20 n-Hexatriacontane (C36)

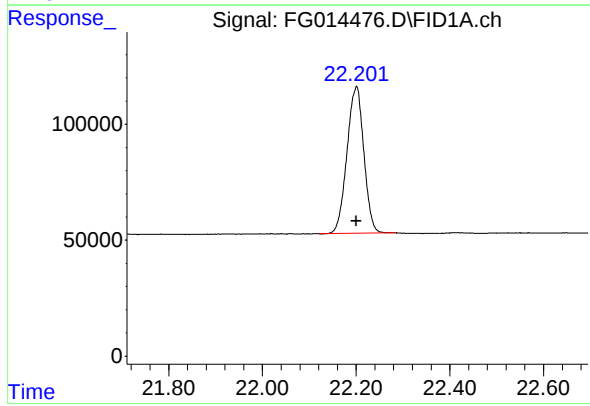
R.T.: 20.496 min
Delta R.T.: 0.000 min
Response: 1940381
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.249 min
Delta R.T.: -0.001 min
Response: 1745357
Conc: 20.89 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: 0.000 min
Response: 1581924
Conc: 20.80 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AL\
Data File : FG014476.D
Signal(s) : FID1A.ch
Acq On : 22 Oct 2024 03:23
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 102124.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	3.347	3.307	3.391	BB	269182	2616584	82.91%	4.430%
2	4.600	4.560	4.631	BB	268004	2665562	84.46%	4.513%
3	6.307	6.269	6.343	BB	305722	2901812	91.95%	4.913%
4	6.772	6.729	6.814	BB	262108	2693122	85.33%	4.560%
5	7.406	7.360	7.438	BB	288988	2825092	89.52%	4.783%
6	8.605	8.563	8.638	BB	264130	2704957	85.71%	4.580%
7	10.218	10.170	10.263	BB	258015	2857789	90.55%	4.838%
8	11.665	11.619	11.713	BB	271382	2981784	94.48%	5.048%
9	11.985	11.939	12.029	BB	300269	3155986	100.00%	5.343%
10	12.978	12.932	13.025	BB	252752	2961317	93.83%	5.014%
11	13.423	13.379	13.459	BB	216908	2586371	81.95%	4.379%
12	13.591	13.544	13.633	BB	243732	2958121	93.73%	5.008%
13	14.178	14.130	14.222	BB	240179	2978947	94.39%	5.043%
14	15.283	15.235	15.333	BB	238420	3019455	95.67%	5.112%
15	16.304	16.254	16.355	BB	226653	2993405	94.85%	5.068%
16	17.255	17.207	17.297	BB	220636	2914681	92.35%	4.935%
17	18.143	18.090	18.196	BB	201918	2909995	92.21%	4.927%
18	18.974	18.921	19.034	BB	202203	2735700	86.68%	4.632%
19	19.757	19.701	19.813	BB	160301	2337254	74.06%	3.957%
20	20.496	20.436	20.533	BB	127782	1940381	61.48%	3.285%
21	21.249	21.187	21.318	BB	98643	1745357	55.30%	2.955%
22	22.201	22.121	22.285	BB	63474	1581924	50.12%	2.678%
Sum of corrected areas:						59065598		

Aliphatic EPH 102124.M Tue Oct 22 07:04:12 2024