

Initial Calibration Report for SequenceID : FF051124AL

AreaCount

Parameter Range	FF014194.D	FF014195.D	FF014196.D	FF014197.D	FF014198.D	
Aliphatic C9-C12	37509524.000	18804108.000	7885813.000	4052893.000	2137009.000	
Aliphatic C12-C16	25096127.000	12576424.000	5193861.000	2647389.000	1367479.000	
Aliphatic C16-C21	36812513.000	18456520.000	7645393.000	3956671.000	2064756.000	
Aliphatic C21-C28	45229664.000	22644123.000	9353533.000	4827102.000	2537856.000	
Aliphatic C28-C40	59592212.000	30069586.000	12419389.000	6174122.000	3192780.000	
Aliphatic EPH	204240040.000	102550761.000	42497989.000	21658177.000	11299880.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	131877.2766662	5.521				
Aliphatic C12-C16	130041.75	3.638				
Aliphatic C16-C21	128542.8986662	4.915				
Aliphatic C21-C28	118156.8575	4.906				
Aliphatic C28-C40	102475.0496664	2.752				
Aliphatic EPH	118267.8752218	4.209				

Concentration

Parameter Range	FF014194.D	FF014195.D	FF014196.D	FF014197.D	FF014198.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	FF014194.D	FF014195.D	FF014196.D	FF014197.D	FF014198.D	
Aliphatic C9-C12	125031.746666	125360.720000	131430.216666	135096.433333	142467.266666	
Aliphatic C12-C16	125480.635000	125764.240000	129846.525000	132369.450000	136747.900000	
Aliphatic C16-C21	122708.376666	123043.466666	127423.216666	131889.033333	137650.400000	

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Aliphatic C21-C28	113074.160000	113220.615000	116919.162500	120677.550000	126892.800000	
Aliphatic C28-C40	99320.353333	100231.953333	103494.908333	102902.033333	106426.000000	
Aliphatic EPH	113466.688888	113945.290000	118049.969444	120323.205555	125554.222222	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014194.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 00:20
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 11 04:32:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:32:32 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)	11.851	13254697	97.584 ug/ml
Spiked Amount 50.000		Recovery =	195.17%
12) S 1-chlorooctadecane (S...	13.290	9933538	99.303 ug/ml
Spiked Amount 50.000		Recovery =	198.61%
Target Compounds			
1) T n-Nonane (C9)	3.246	12351614	97.590 ug/ml
2) T n-Decane (C10)	4.495	12559271	97.440 ug/ml
3) T A~Naphthalene (C11.7)	6.191	13262873	99.901 ug/ml
4) T n-Dodecane (C12)	6.660	12598639	97.487 ug/ml
5) T A~2-methylnaphthalene...	7.286	12442399	100.539 ug/ml
6) T n-Tetradecane (C14)	8.486	12392311	98.106 ug/ml
7) T n-Hexadecane (C16)	10.093	12703816	98.470 ug/ml
8) T n-Octadecane (C18)	11.538	12753789	98.104 ug/ml
10) T n-Eicosane (C20)	12.846	12157660	98.051 ug/ml
11) T n-Heneicosane (C21)	13.459	11901064	98.192 ug/ml
13) T n-Docosane (C22)	14.046	11751639	98.323 ug/ml
14) T n-Tetracosane (C24)	15.150	11520741	98.391 ug/ml
15) T n-Hexacosane (C26)	16.172	11166840	98.318 ug/ml
16) T n-Octacosane (C28)	17.122	10790444	98.277 ug/ml
17) T n-Tricontane (C30)	18.011	10738272	97.887 ug/ml
18) T n-Dotriacontane (C32)	18.843	10371778	97.579 ug/ml
19) T n-Tetratriacontane (C34)	19.627	10018026	97.736 ug/ml
20) T n-Hexatriacontane (C36)	20.367	9677354	97.864 ug/ml
21) T n-Octatriacontane (C38)	21.091	9558720	98.126 ug/ml
22) T n-Tetracontane (C40)	21.976	9228062	98.533 ug/ml

(f)=RT Delta > 1/2 Window

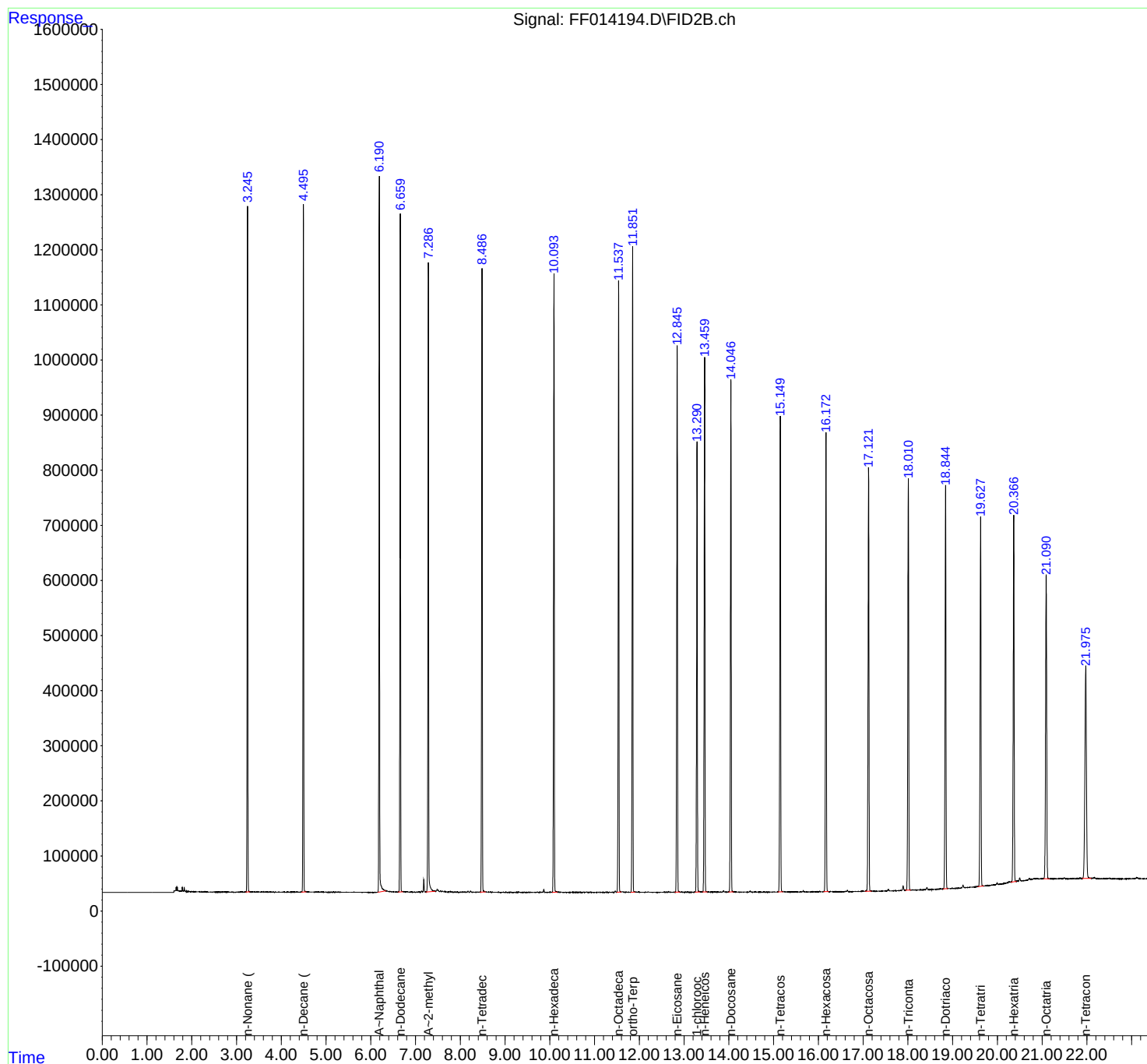
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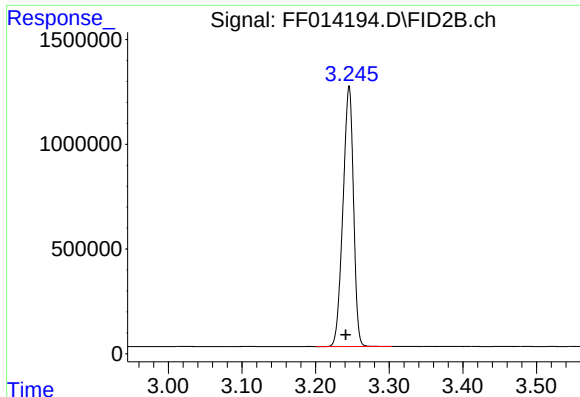
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
Data File : FF014194.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 00:20
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: May 11 04:32:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Quant Title : GC Extractables
QLast Update : Sat May 11 04:32:32 2024
Response via : Initial Calibration
Integrator: ChemStation

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

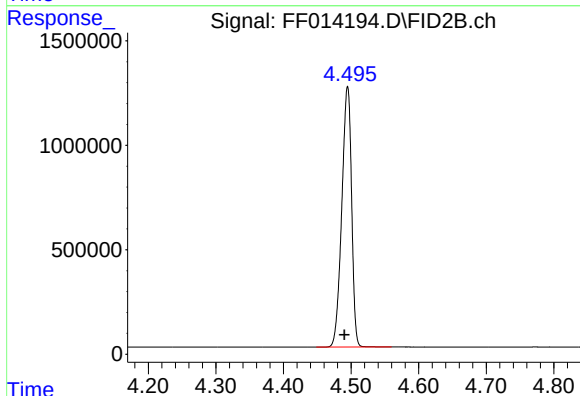




#1 n-Nonane (C9)

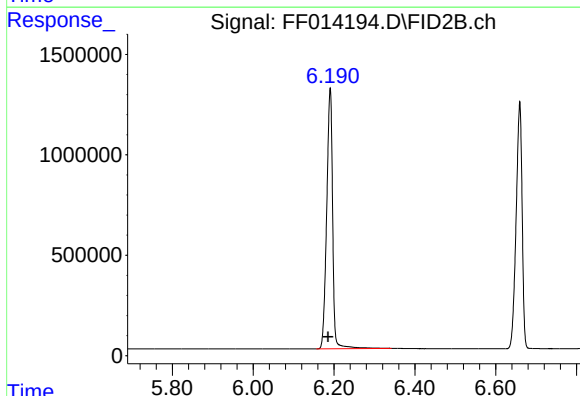
R.T.: 3.246 min
Delta R.T.: 0.005 min
Response: 12351614
Conc: 97.59 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



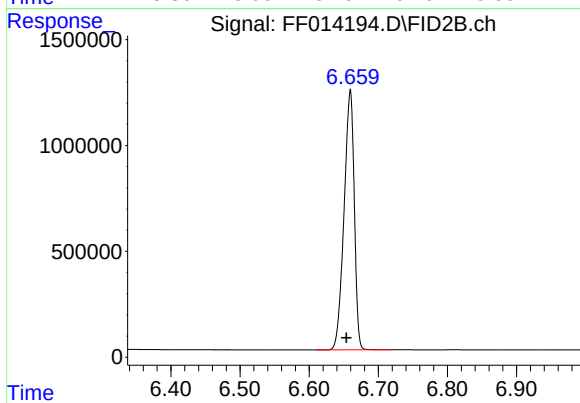
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: 0.005 min
Response: 12559271
Conc: 97.44 ug/ml



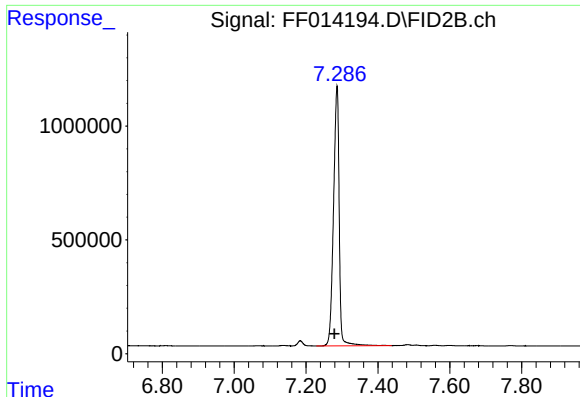
#3 A~Naphthalene (C11.7)

R.T.: 6.191 min
Delta R.T.: 0.006 min
Response: 13262873
Conc: 99.90 ug/ml



#4 n-Dodecane (C12)

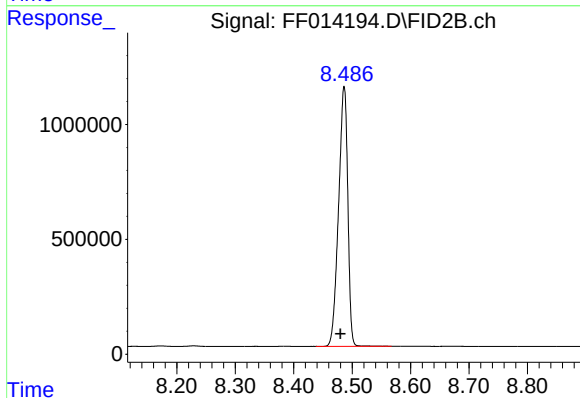
R.T.: 6.660 min
Delta R.T.: 0.006 min
Response: 12598639
Conc: 97.49 ug/ml



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

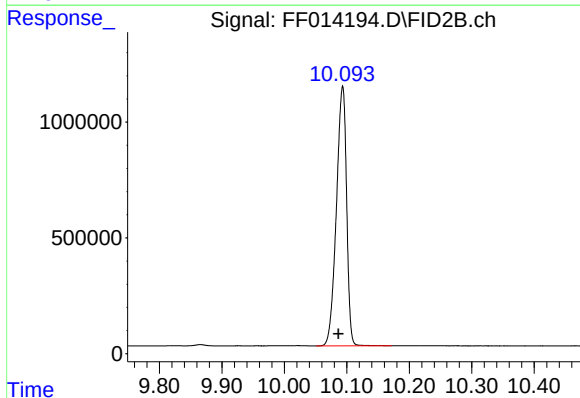
R.T.: 7.286 min
Delta R.T.: 0.007 min
Response: 12442399
Conc: 100.54 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



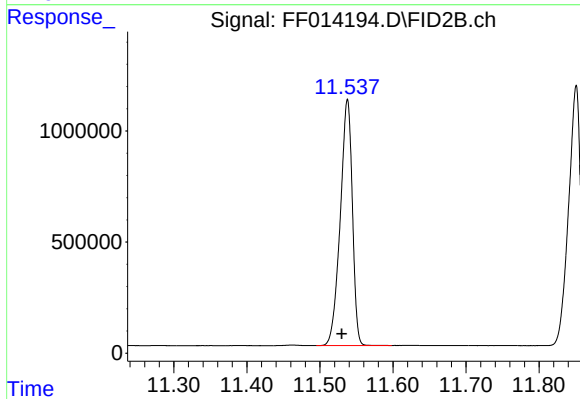
#6 n-Tetradecane (C14)

R.T.: 8.486 min
Delta R.T.: 0.006 min
Response: 12392311
Conc: 98.11 ug/ml



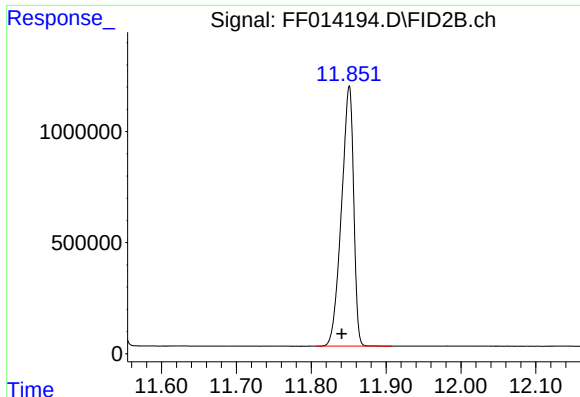
#7 n-Hexadecane (C16)

R.T.: 10.093 min
Delta R.T.: 0.007 min
Response: 12703816
Conc: 98.47 ug/ml



#8 n-Octadecane (C18)

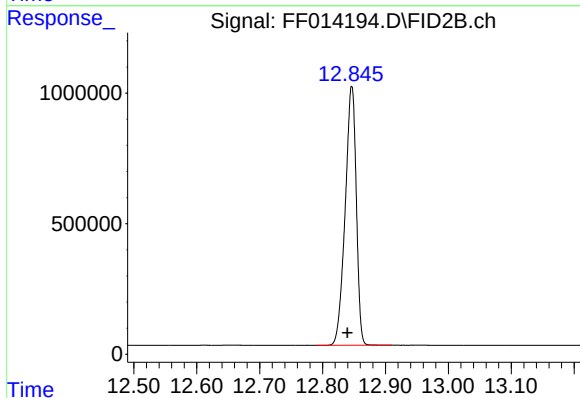
R.T.: 11.538 min
Delta R.T.: 0.008 min
Response: 12753789
Conc: 98.10 ug/ml



#9 ortho-Terphenyl (SURR)

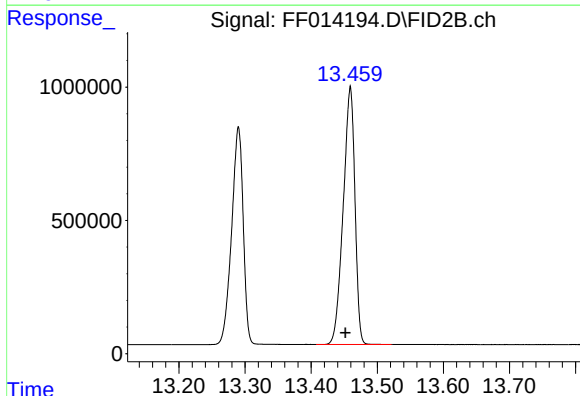
R.T.: 11.851 min
Delta R.T.: 0.010 min
Response: 13254697
Conc: 97.58 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



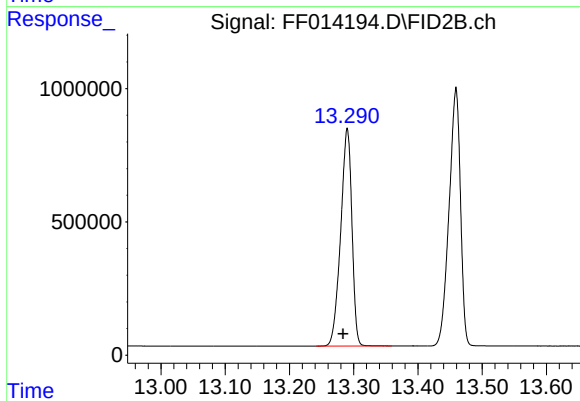
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: 0.007 min
Response: 12157660
Conc: 98.05 ug/ml



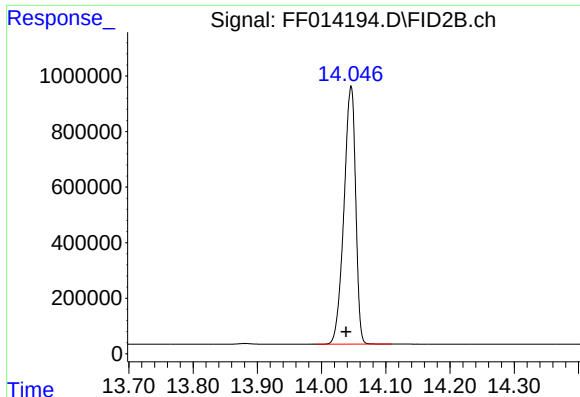
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: 0.007 min
Response: 11901064
Conc: 98.19 ug/ml



#12 1-chlorooctadecane (SURR)

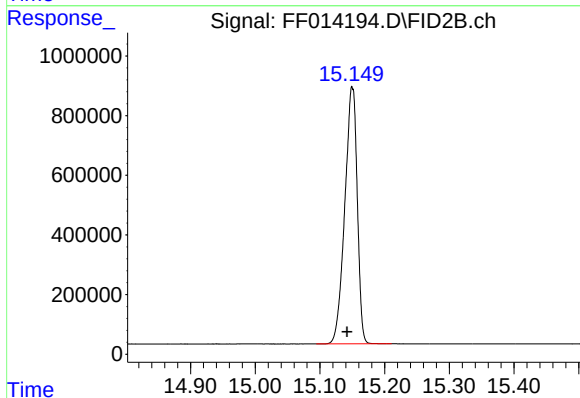
R.T.: 13.290 min
Delta R.T.: 0.007 min
Response: 9933538
Conc: 99.30 ug/ml



#13 n-Docosane (C22)

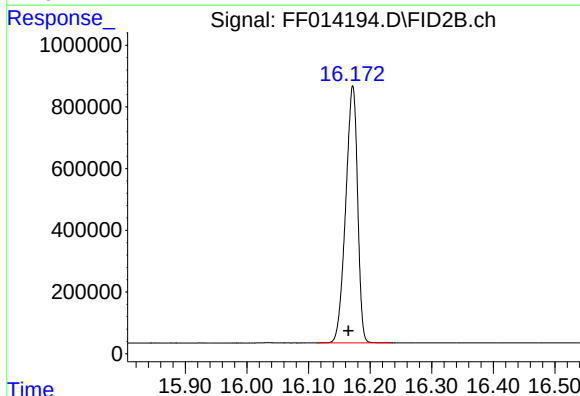
R.T.: 14.046 min
Delta R.T.: 0.008 min
Response: 11751639
Conc: 98.32 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



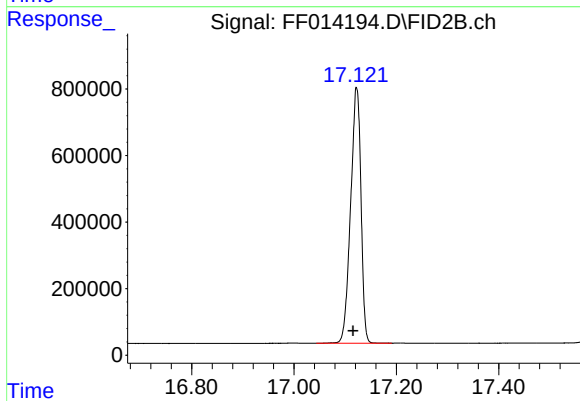
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.008 min
Response: 11520741
Conc: 98.39 ug/ml



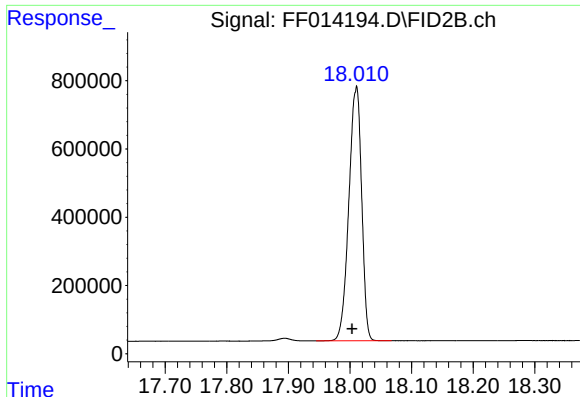
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: 0.007 min
Response: 11166840
Conc: 98.32 ug/ml



#16 n-Octacosane (C28)

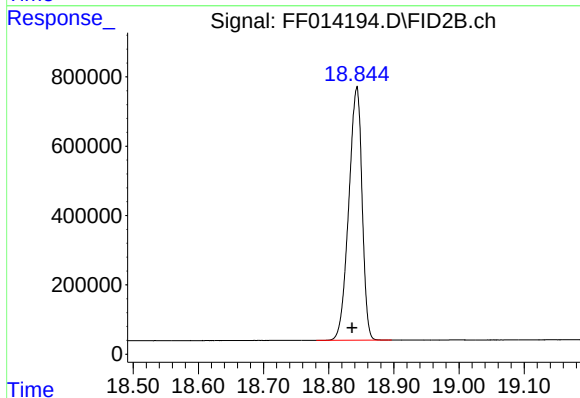
R.T.: 17.122 min
Delta R.T.: 0.007 min
Response: 10790444
Conc: 98.28 ug/ml



#17 n-Tricontane (C30)

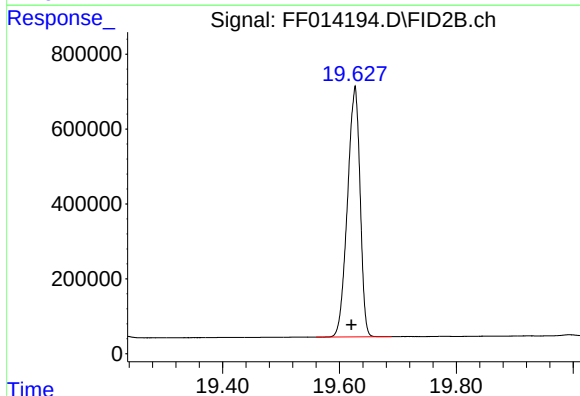
R.T.: 18.011 min
Delta R.T.: 0.007 min
Response: 10738272
Conc: 97.89 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



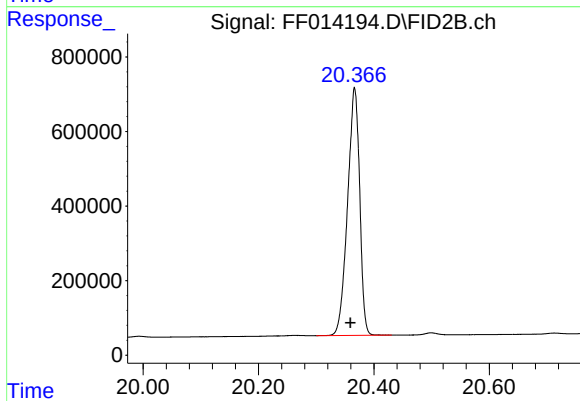
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: 0.007 min
Response: 10371778
Conc: 97.58 ug/ml



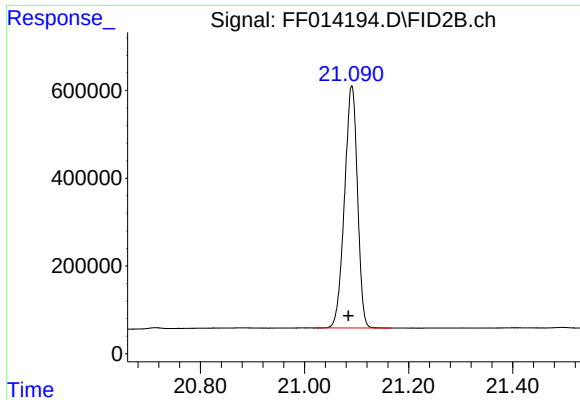
#19 n-Tetratriacontane (C34)

R.T.: 19.627 min
Delta R.T.: 0.006 min
Response: 10018026
Conc: 97.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.367 min
Delta R.T.: 0.007 min
Response: 9677354
Conc: 97.86 ug/ml



#21 n-Octatriacontane (C38)

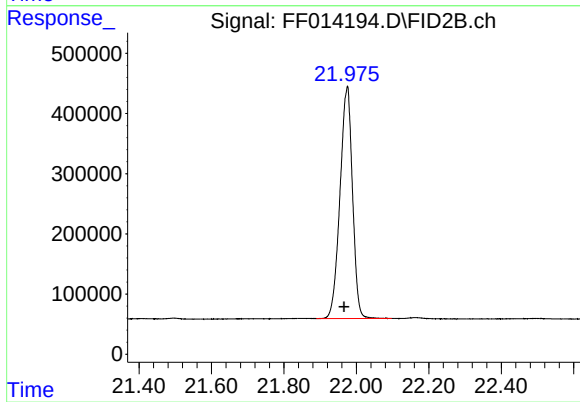
R.T.: 21.091 min
Delta R.T.: 0.006 min
Response: 9558720
Conc: 98.13 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: 0.009 min
Response: 9228062
Conc: 98.53 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
Data File : FF014194.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 00:20
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.246	3.201	3.303	BB	1244839	12351614	93.13%	4.879%
2	4.495	4.448	4.560	BB	1247947	12559271	94.69%	4.962%
3	6.191	6.156	6.343	BB	1299492	13262873	100.00%	5.239%
4	6.660	6.610	6.719	BB	1227673	12598639	94.99%	4.977%
5	7.286	7.228	7.438	BB	1143902	12442399	93.81%	4.915%
6	8.486	8.438	8.568	BB	1130947	12392311	93.44%	4.896%
7	10.093	10.051	10.172	BB	1122535	12703816	95.78%	5.019%
8	11.538	11.495	11.598	BB	1108499	12753789	96.16%	5.038%
9	11.851	11.807	11.908	BB	1171329	13254697	99.94%	5.236%
10	12.846	12.790	12.910	BB	990339	12157660	91.67%	4.803%
11	13.290	13.242	13.359	BB	816953	9933538	74.90%	3.924%
12	13.459	13.408	13.522	BB	968471	11901064	89.73%	4.701%
13	14.046	13.992	14.109	BB	929783	11751639	88.61%	4.642%
14	15.150	15.094	15.211	BB	860409	11520741	86.86%	4.551%
15	16.172	16.113	16.235	BB	833330	11166840	84.20%	4.411%
16	17.122	17.043	17.191	BB	766440	10790444	81.36%	4.263%
17	18.011	17.945	18.068	BB	747219	10738272	80.96%	4.242%
18	18.843	18.781	18.897	BB	730170	10371778	78.20%	4.097%
19	19.627	19.560	19.689	BB	669911	10018026	75.53%	3.958%
20	20.367	20.300	20.431	BB	663855	9677354	72.97%	3.823%
21	21.091	21.023	21.168	BB	551739	9558720	72.07%	3.776%
22	21.976	21.889	22.098	BB	385464	9228062	69.58%	3.646%
Sum of corrected areas:						253133548		

Aliphatic EPH 051124.M Sat May 11 04:55:34 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014195.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 00:49
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: May 11 04:37:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:37:36 2024
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Compound	R.T.	Response	Conc Units

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Spiked Amount 50.000		Recovery =	95.37%
12) S 1-chlorooctadecane (S...	13.286	4943915	48.935 ug/ml
Spiked Amount 50.000		Recovery =	97.87%
Target Compounds			
1) T n-Nonane (C9)	3.243	6166278	47.640 ug/ml
2) T n-Decane (C10)	4.492	6298509	47.819 ug/ml
3) T A~Naphthalene (C11.7)	6.187	6556195	49.261 ug/ml
4) T n-Dodecane (C12)	6.656	6339321	48.001 ug/ml
5) T A~2-methylnaphthalene...	7.281	6146992	50.289 ug/ml
6) T n-Tetradecane (C14)	8.482	6216704	48.343 ug/ml
7) T n-Hexadecane (C16)	10.089	6359720	48.799 ug/ml
8) T n-Octadecane (C18)	11.533	6392787	48.388 ug/ml
10) T n-Eicosane (C20)	12.842	6098724	48.071 ug/ml
11) T n-Heneicosane (C21)	13.455	5965009	48.053 ug/ml
13) T n-Docosane (C22)	14.041	5881945	48.076 ug/ml
14) T n-Tetracosane (C24)	15.145	5763749	47.973 ug/ml
15) T n-Hexacosane (C26)	16.167	5583916	48.226 ug/ml
16) T n-Octacosane (C28)	17.118	5414513	48.418 ug/ml
17) T n-Tricontane (C30)	18.006	5384534	48.149 ug/ml
18) T n-Dotriacontane (C32)	18.839	5213446	48.076 ug/ml
19) T n-Tetratriacontane (C34)	19.622	5044710	48.571 ug/ml
20) T n-Hexatriacontane (C36)	20.361	4890119	49.355 ug/ml
21) T n-Octatriacontane (C38)	21.088	4873237	50.375 ug/ml
22) T n-Tetracontane (C40)	21.971	4663540	49.478 ug/ml

(f)=RT Delta > 1/2 Window

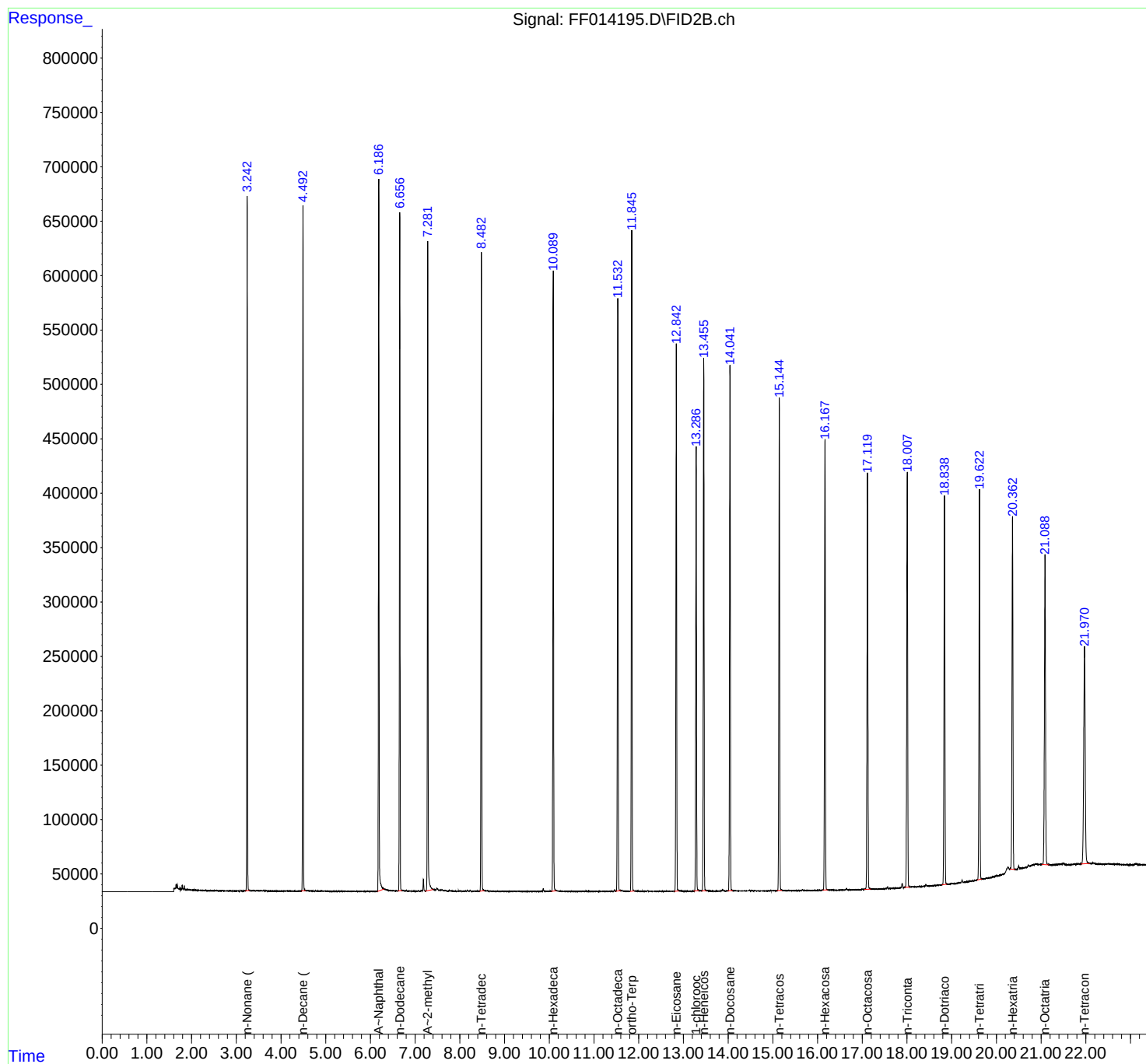
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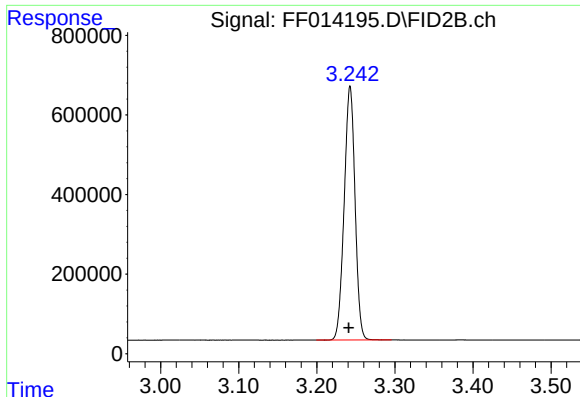
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
Data File : FF014195.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 00:49
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
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ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: May 11 04:37:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Quant Title : GC Extractables
QLast Update : Sat May 11 04:37:36 2024
Response via : Initial Calibration
Integrator: ChemStation

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

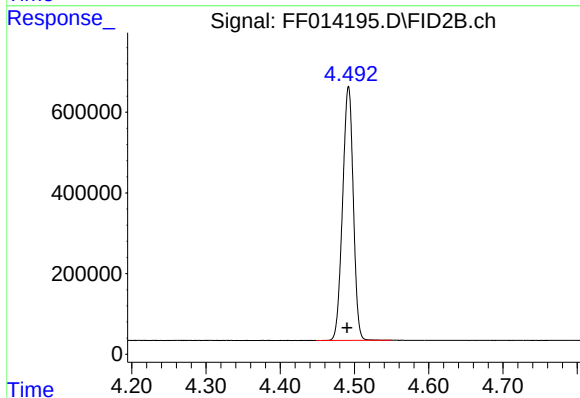




#1 n-Nonane (C9)

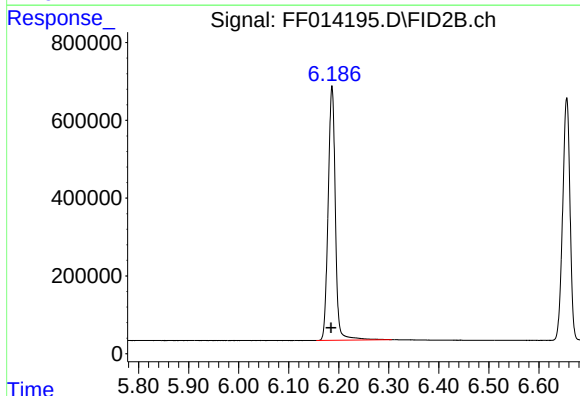
R.T.: 3.243 min
Delta R.T.: 0.002 min
Response: 6166278
Conc: 47.64 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



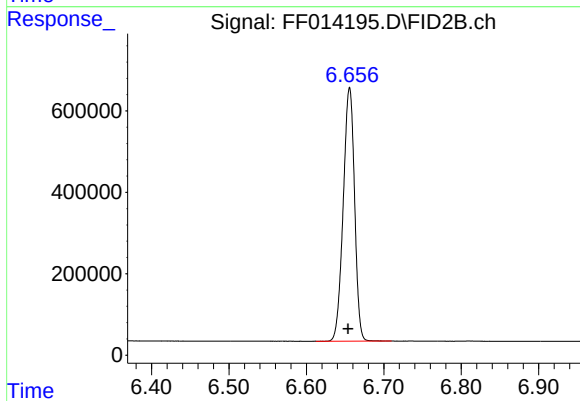
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: 0.002 min
Response: 6298509
Conc: 47.82 ug/ml



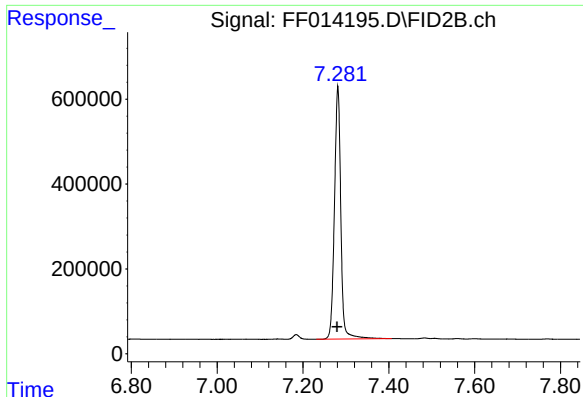
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: 0.002 min
Response: 6556195
Conc: 49.26 ug/ml



#4 n-Dodecane (C12)

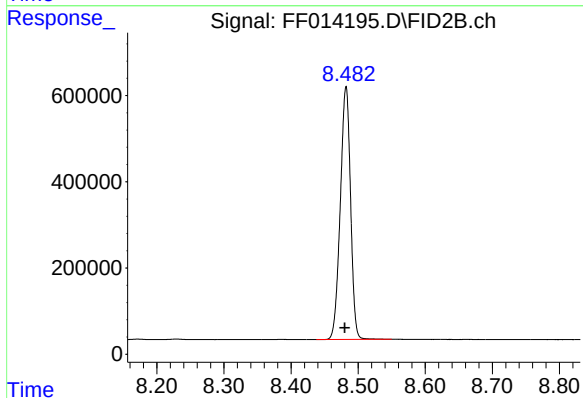
R.T.: 6.656 min
Delta R.T.: 0.002 min
Response: 6339321
Conc: 48.00 ug/ml



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

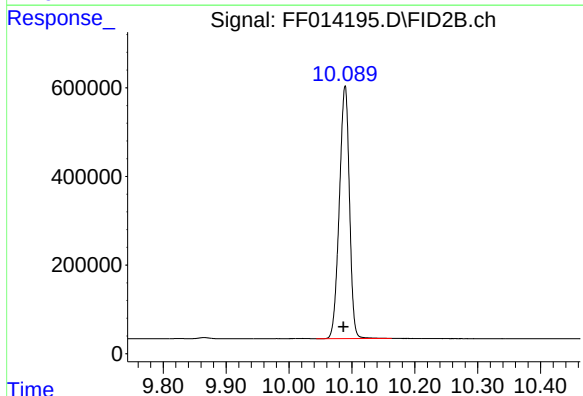
R.T.: 7.281 min
Delta R.T.: 0.002 min
Response: 6146992
Conc: 50.29 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



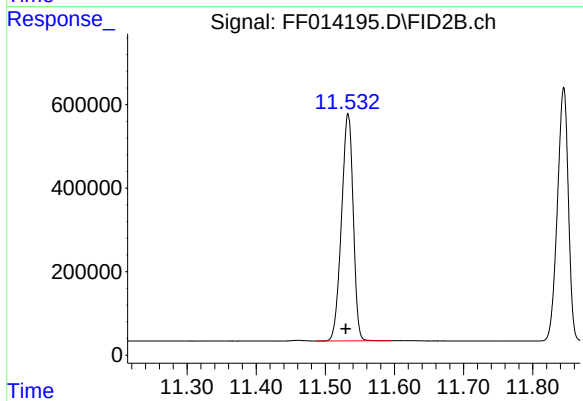
#6 n-Tetradecane (C14)

R.T.: 8.482 min
Delta R.T.: 0.002 min
Response: 6216704
Conc: 48.34 ug/ml



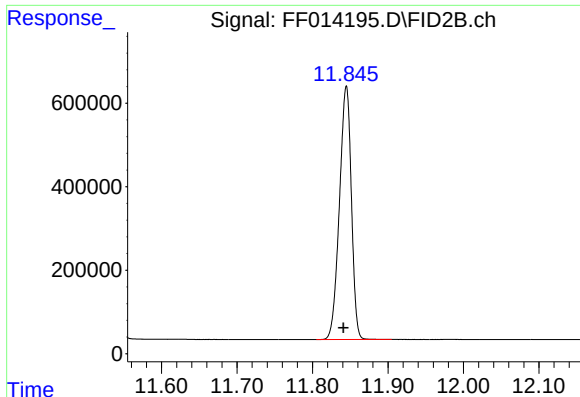
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: 0.003 min
Response: 6359720
Conc: 48.80 ug/ml



#8 n-Octadecane (C18)

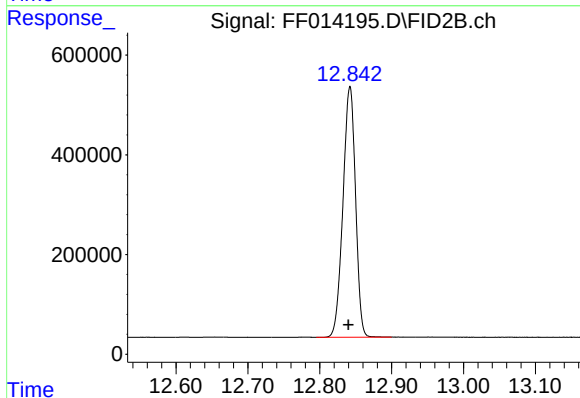
R.T.: 11.533 min
Delta R.T.: 0.003 min
Response: 6392787
Conc: 48.39 ug/ml



#9 ortho-Terphenyl (SURR)

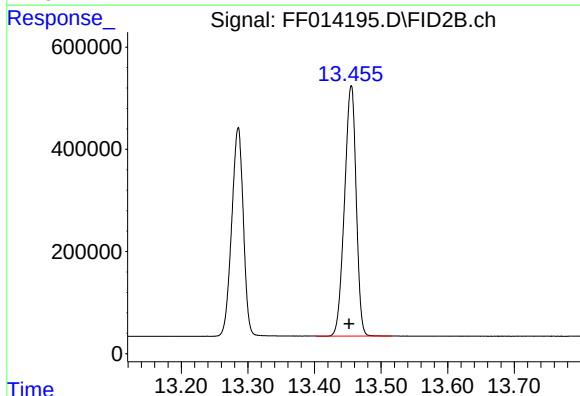
R.T.: 11.845 min
Delta R.T.: 0.004 min
Response: 6667087
Conc: 47.69 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



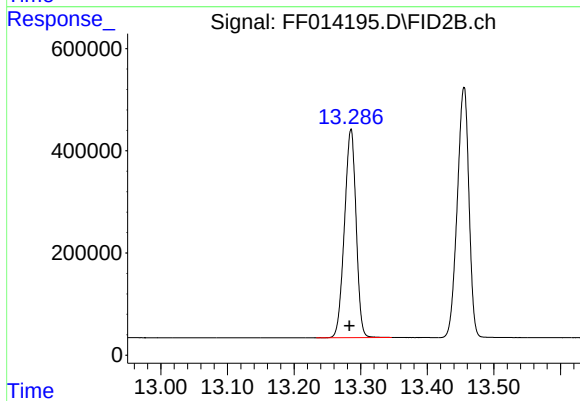
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: 0.002 min
Response: 6098724
Conc: 48.07 ug/ml



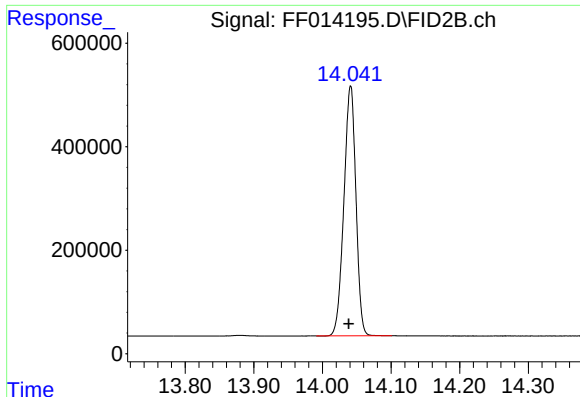
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: 0.003 min
Response: 5965009
Conc: 48.05 ug/ml



#12 1-chlorooctadecane (SURR)

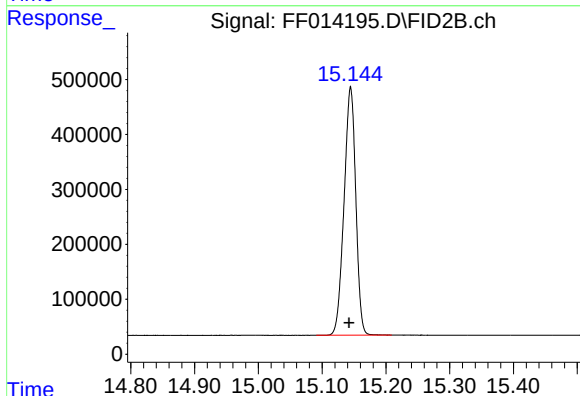
R.T.: 13.286 min
Delta R.T.: 0.002 min
Response: 4943915
Conc: 48.93 ug/ml



#13 n-Docosane (C22)

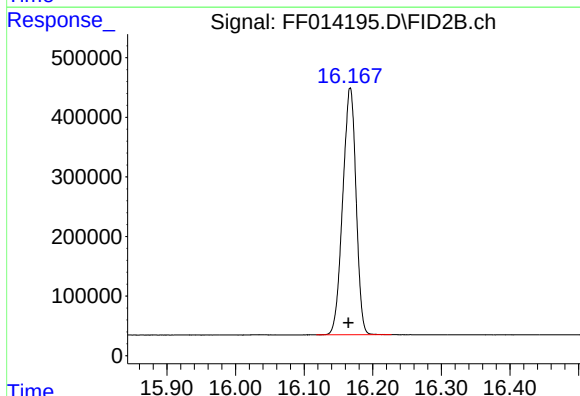
R.T.: 14.041 min
Delta R.T.: 0.003 min
Response: 5881945
Conc: 48.08 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



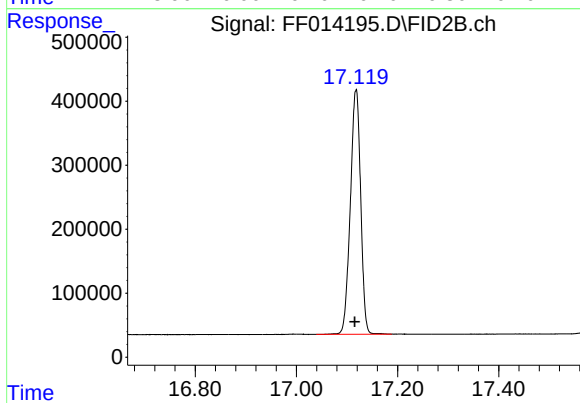
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: 0.003 min
Response: 5763749
Conc: 47.97 ug/ml



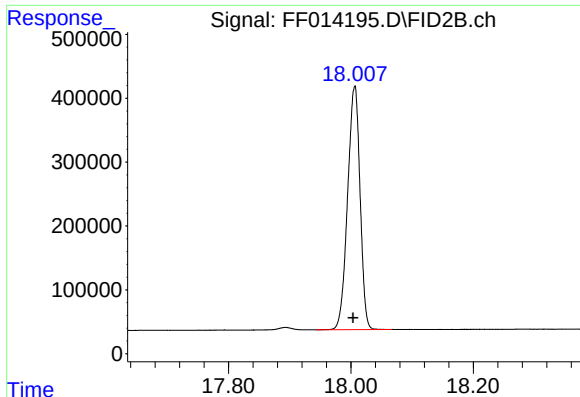
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: 0.003 min
Response: 5583916
Conc: 48.23 ug/ml



#16 n-Octacosane (C28)

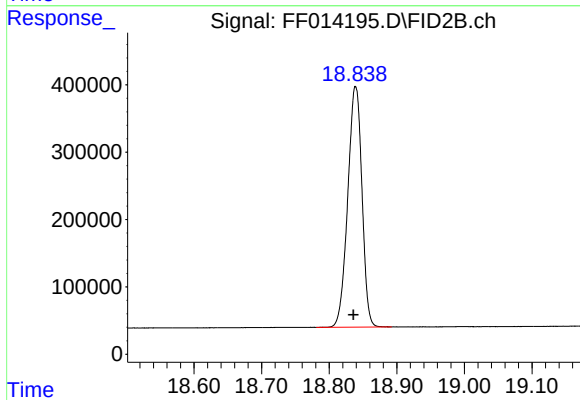
R.T.: 17.118 min
Delta R.T.: 0.002 min
Response: 5414513
Conc: 48.42 ug/ml



#17 n-Tricontane (C30)

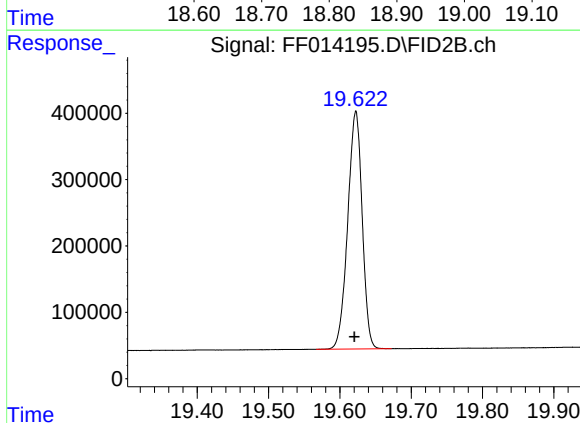
R.T.: 18.006 min
Delta R.T.: 0.003 min
Response: 5384534
Conc: 48.15 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



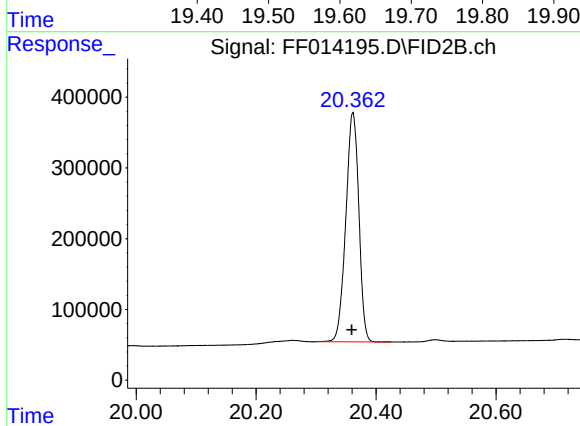
#18 n-Dotriacontane (C32)

R.T.: 18.839 min
Delta R.T.: 0.003 min
Response: 5213446
Conc: 48.08 ug/ml



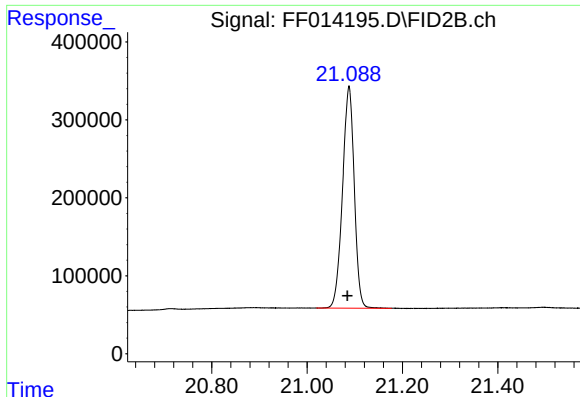
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: 0.002 min
Response: 5044710
Conc: 48.57 ug/ml



#20 n-Hexatriacontane (C36)

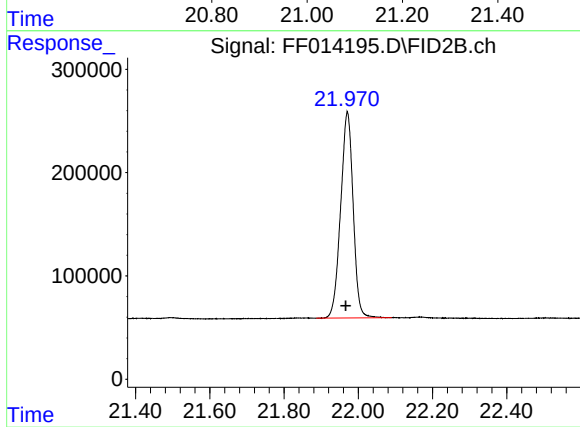
R.T.: 20.361 min
Delta R.T.: 0.002 min
Response: 4890119
Conc: 49.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: 0.004 min
Response: 4873237
Conc: 50.37 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.971 min
Delta R.T.: 0.004 min
Response: 4663540
Conc: 49.48 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
Data File : FF014195.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 00:49
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.243	3.199	3.296	BB	638277	6166278	92.49%	4.861%
2	4.492	4.448	4.550	BB	629891	6298509	94.47%	4.965%
3	6.187	6.155	6.306	BB	653996	6556195	98.34%	5.168%
4	6.656	6.613	6.710	BB	623331	6339321	95.08%	4.997%
5	7.281	7.231	7.407	BB	596319	6146992	92.20%	4.845%
6	8.482	8.438	8.550	BB	586172	6216704	93.24%	4.900%
7	10.089	10.043	10.163	BB	569873	6359720	95.39%	5.013%
8	11.533	11.487	11.596	BB	542710	6392787	95.89%	5.039%
9	11.845	11.805	11.905	BB	607723	6667087	100.00%	5.255%
10	12.842	12.795	12.900	BB	503626	6098724	91.48%	4.807%
11	13.286	13.233	13.347	BB	408703	4943915	74.15%	3.897%
12	13.455	13.403	13.516	BB	489923	5965009	89.47%	4.702%
13	14.041	13.991	14.101	BB	483238	5881945	88.22%	4.636%
14	15.145	15.091	15.209	BB	452391	5763749	86.45%	4.543%
15	16.167	16.118	16.227	BB	414356	5583916	83.75%	4.401%
16	17.118	17.039	17.188	BB	382276	5414513	81.21%	4.268%
17	18.006	17.943	18.067	BB	381724	5384534	80.76%	4.244%
18	18.839	18.781	18.893	BB	356945	5213446	78.20%	4.109%
19	19.622	19.567	19.672	BB	358856	5044710	75.67%	3.976%
20	20.361	20.300	20.426	BB	323547	4890119	73.35%	3.855%
21	21.088	21.019	21.178	BB	285185	4873237	73.09%	3.841%
22	21.971	21.887	22.090	BB	199723	4663540	69.95%	3.676%

Sum of corrected areas: 126864948

Aliphatic EPH 051124.M Sat May 11 04:56:18 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014196.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 01:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 11 04:30:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:29:38 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)	11.841	2782208	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.283	2014595	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.241	2592311	20.000 ug/ml
2) T n-Decane (C10)	4.490	2643863	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2657835	20.000 ug/ml
4) T n-Dodecane (C12)	6.654	2649639	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.279	2461802	20.000 ug/ml
6) T n-Tetradecane (C14)	8.480	2574140	20.000 ug/ml
7) T n-Hexadecane (C16)	10.086	2619721	20.000 ug/ml
8) T n-Octadecane (C18)	11.530	2649367	20.000 ug/ml
10) T n-Eicosane (C20)	12.840	2528178	20.000 ug/ml
11) T n-Heneicosane (C21)	13.452	2467848	20.000 ug/ml
13) T n-Docosane (C22)	14.038	2430489	20.000 ug/ml
14) T n-Tetracosane (C24)	15.142	2379501	20.000 ug/ml
15) T n-Hexacosane (C26)	16.164	2309787	20.000 ug/ml
16) T n-Octacosane (C28)	17.116	2233756	20.000 ug/ml
17) T n-Tricontane (C30)	18.003	2240383	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.836	2177295	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2096451	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.360	2019941	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.084	1984768	20.000 ug/ml
22) T n-Tetracontane (C40)	21.966	1900551	20.000 ug/ml

(f)=RT Delta > 1/2 Window

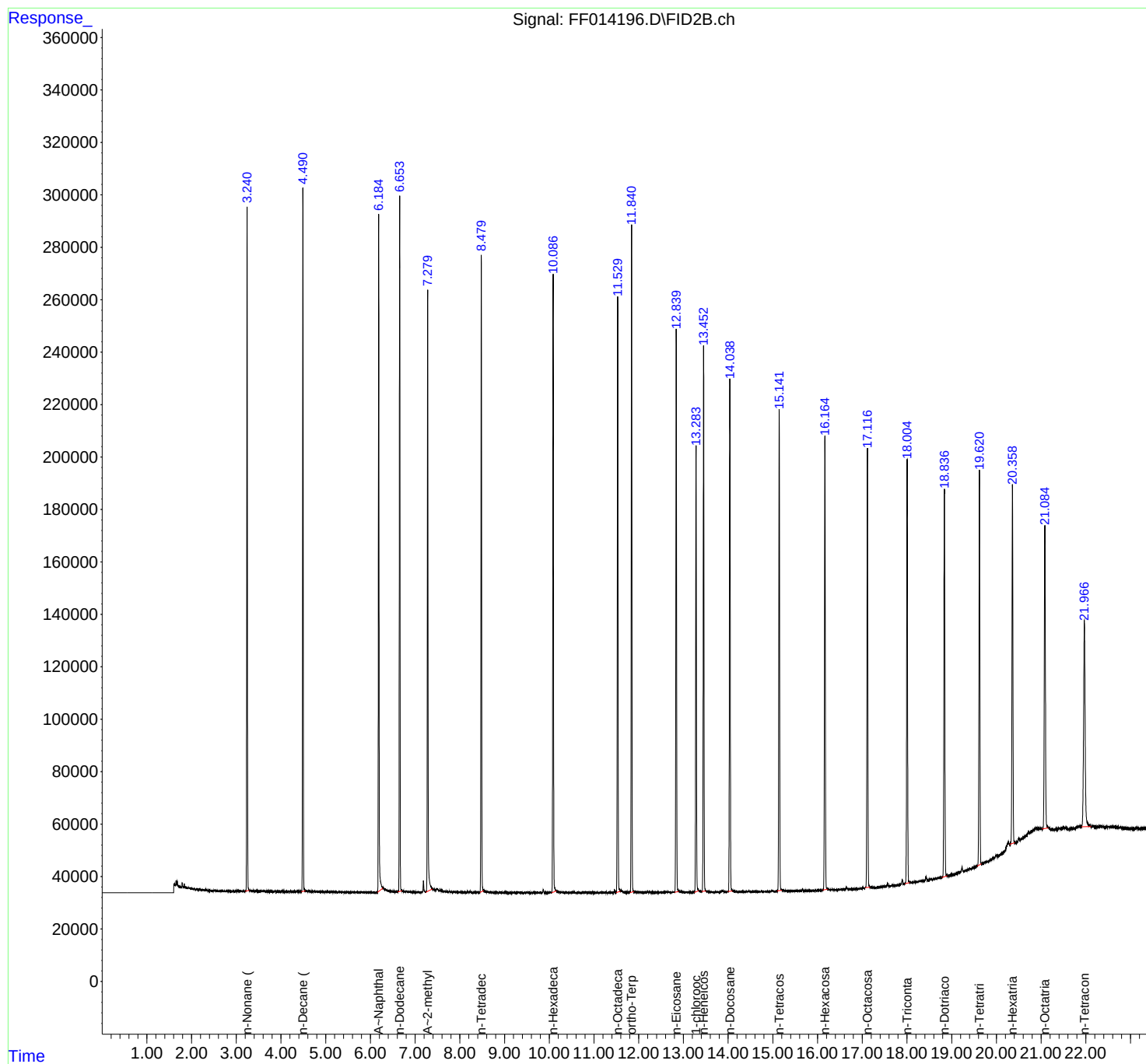
(m)=manual int.

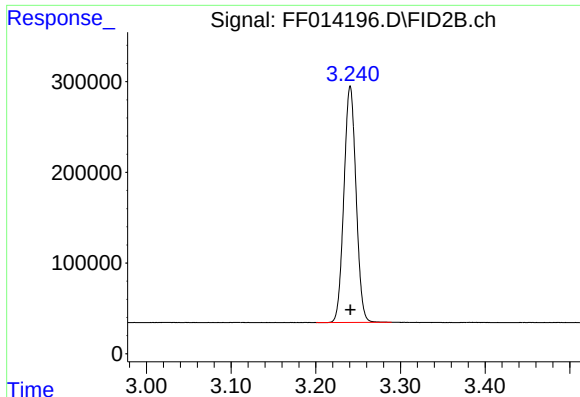
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
Data File : FF014196.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 01:19
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: May 11 04:30:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Quant Title : GC Extractables
QLast Update : Sat May 11 04:29:38 2024
Response via : Initial Calibration
Integrator: ChemStation

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

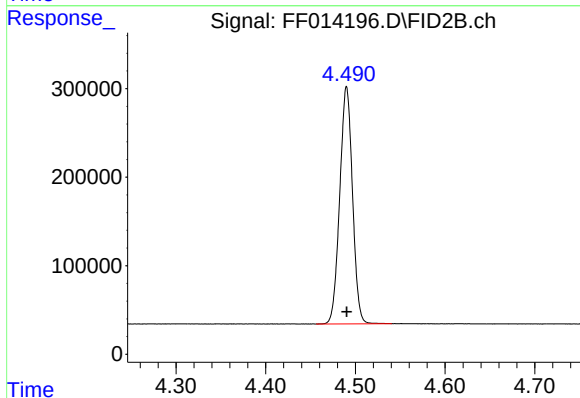




#1 n-Nonane (C9)

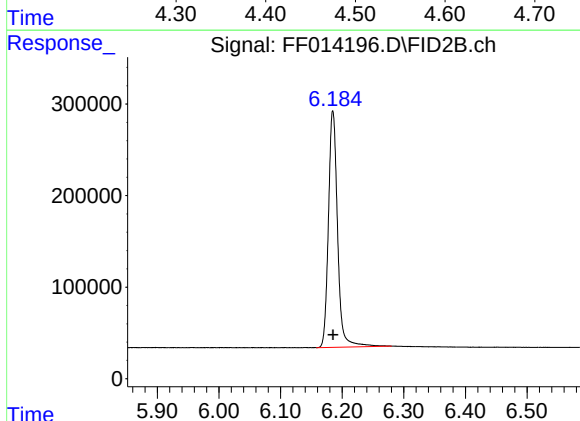
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 2592311
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



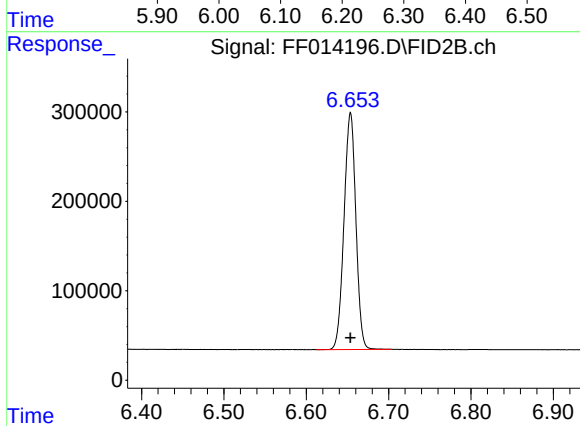
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 2643863
Conc: 20.00 ug/ml



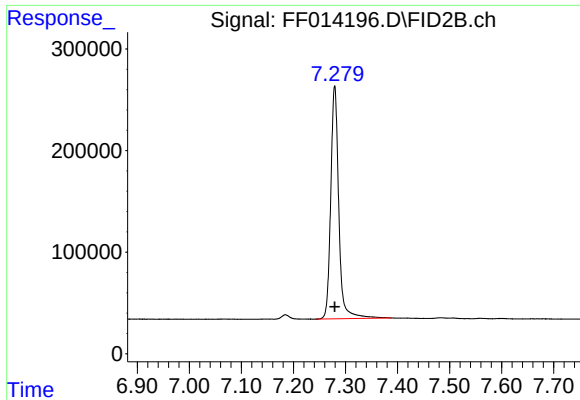
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 2657835
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

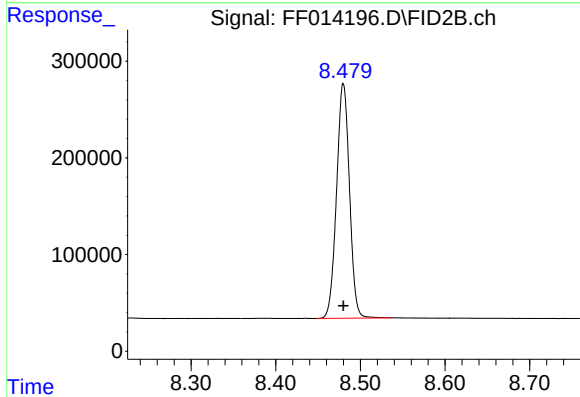
R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 2649639
Conc: 20.00 ug/ml



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

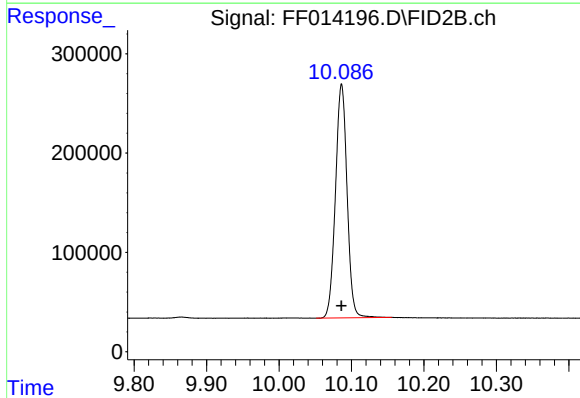
R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 2461802
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



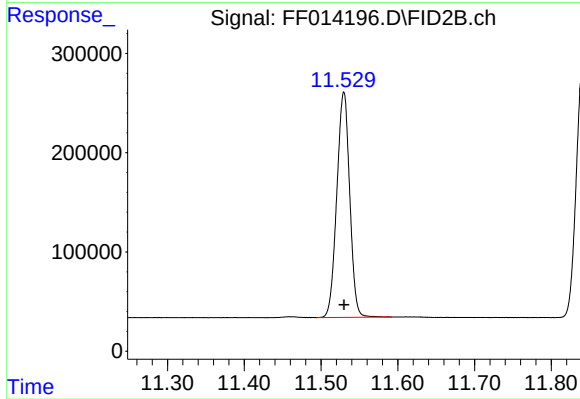
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 2574140
Conc: 20.00 ug/ml



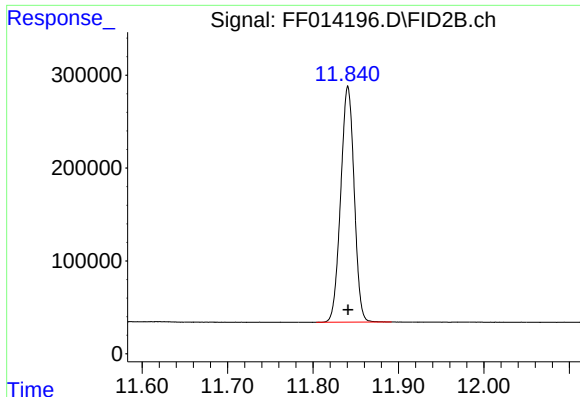
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: 0.000 min
Response: 2619721
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

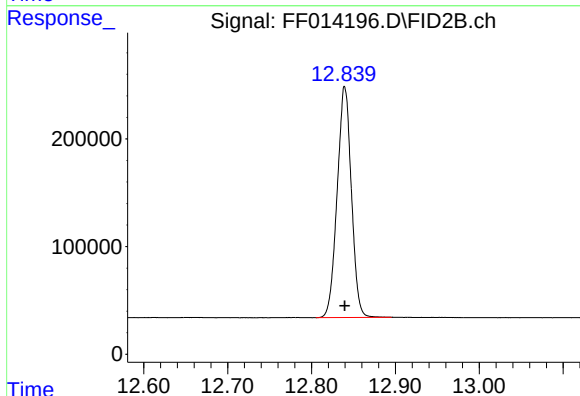
R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 2649367
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

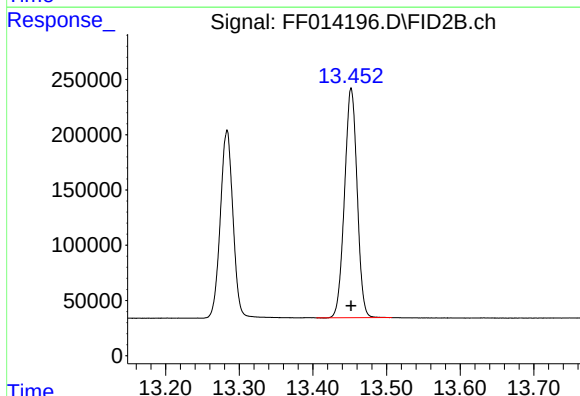
R.T.: 11.841 min
Delta R.T.: 0.000 min
Response: 2782208
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



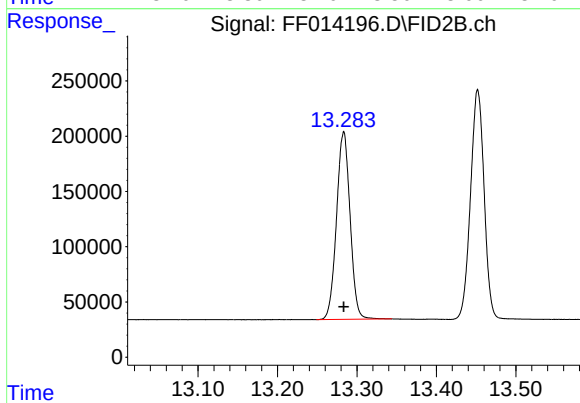
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: 0.000 min
Response: 2528178
Conc: 20.00 ug/ml



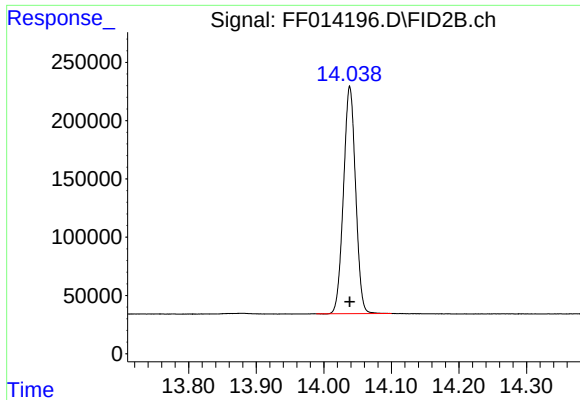
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: 0.000 min
Response: 2467848
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

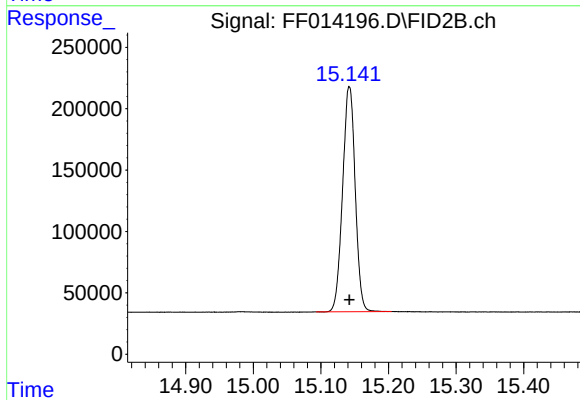
R.T.: 13.283 min
Delta R.T.: 0.000 min
Response: 2014595
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

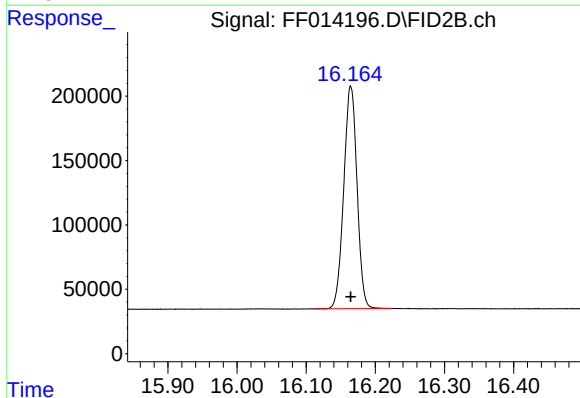
R.T.: 14.038 min
Delta R.T.: 0.000 min
Response: 2430489
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



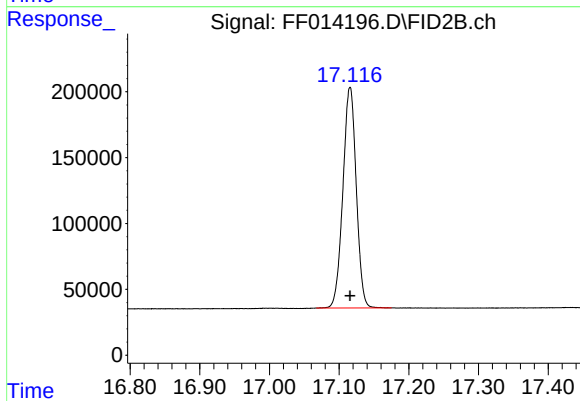
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: 0.000 min
Response: 2379501
Conc: 20.00 ug/ml



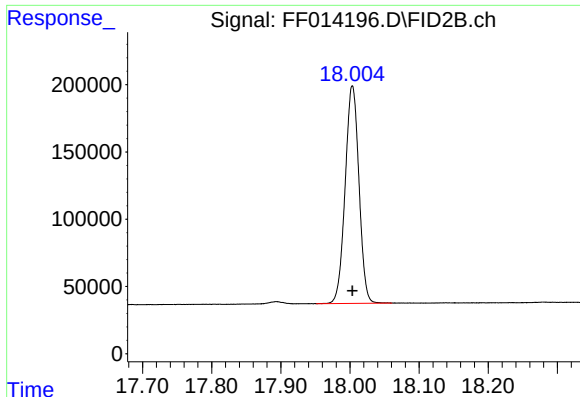
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 2309787
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

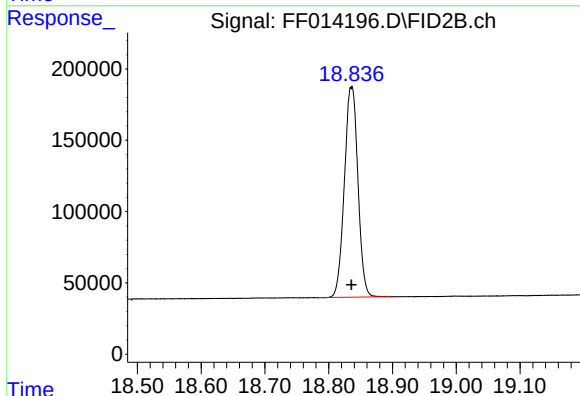
R.T.: 17.116 min
Delta R.T.: 0.000 min
Response: 2233756
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

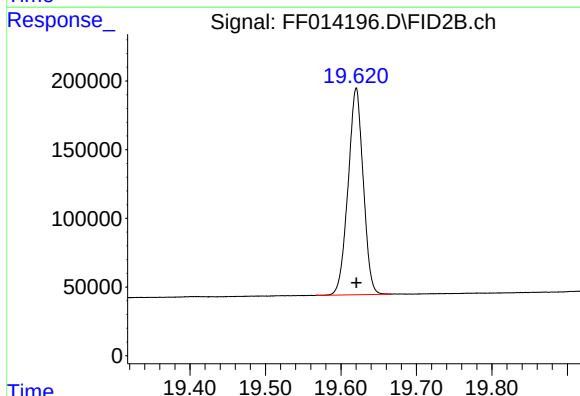
R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 2240383
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



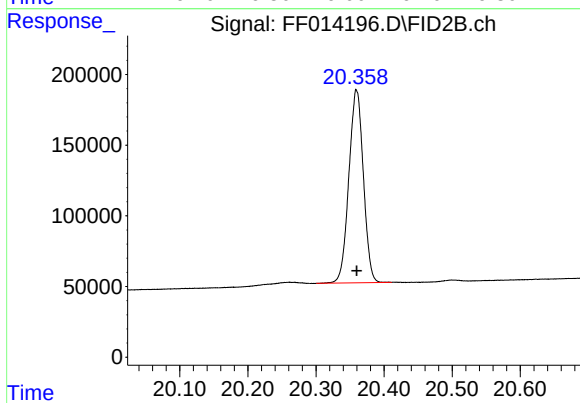
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 2177295
Conc: 20.00 ug/ml



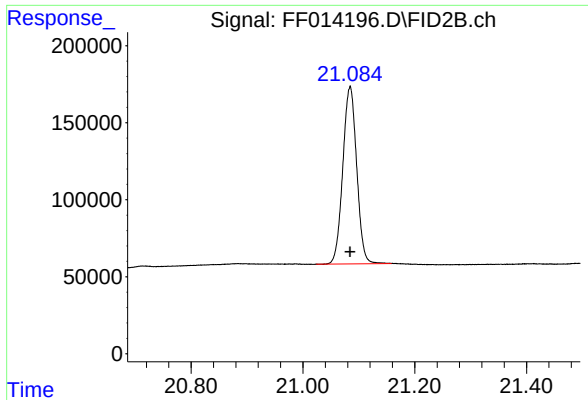
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: 0.000 min
Response: 2096451
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

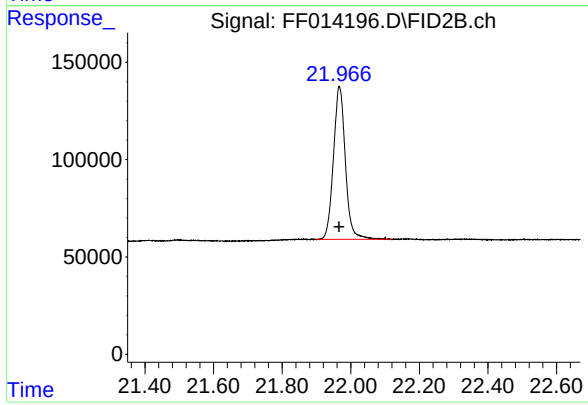
R.T.: 20.360 min
Delta R.T.: 0.000 min
Response: 2019941
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 1984768
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.000 min
Response: 1900551
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014196.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 01:19
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.241	3.200	3.290	BB	260617	2592311	93.17%	4.946%
2	4.490	4.456	4.540	BB	268248	2643863	95.03%	5.044%
3	6.185	6.158	6.280	BB	258157	2657835	95.53%	5.071%
4	6.654	6.612	6.704	BB	265099	2649639	95.24%	5.055%
5	7.279	7.244	7.389	BB	229468	2461802	88.48%	4.697%
6	8.480	8.448	8.537	BB	242799	2574140	92.52%	4.911%
7	10.086	10.051	10.155	BB	235684	2619721	94.16%	4.998%
8	11.530	11.494	11.592	BB	227175	2649367	95.23%	5.055%
9	11.841	11.804	11.892	BB	254310	2782208	100.00%	5.308%
10	12.840	12.805	12.895	BB	214364	2528178	90.87%	4.823%
11	13.283	13.249	13.344	BB	170292	2014595	72.41%	3.844%
12	13.452	13.405	13.507	BB	207879	2467848	88.70%	4.708%
13	14.038	13.989	14.100	BB	195009	2430489	87.36%	4.637%
14	15.142	15.093	15.205	BB	183441	2379501	85.53%	4.540%
15	16.164	16.115	16.224	BB	172601	2309787	83.02%	4.407%
16	17.116	17.067	17.175	BB	167517	2233756	80.29%	4.262%
17	18.003	17.951	18.060	BB	161703	2240383	80.53%	4.274%
18	18.836	18.780	18.899	BB	147209	2177295	78.26%	4.154%
19	19.620	19.567	19.667	BB	150651	2096451	75.35%	4.000%
20	20.360	20.300	20.411	BB	136258	2019941	72.60%	3.854%
21	21.085	21.024	21.159	BB	115524	1984768	71.34%	3.787%
22	21.966	21.899	22.119	BB	78600	1900551	68.31%	3.626%
Sum of corrected areas:						52414428		

Aliphatic EPH 051124.M Sat May 11 04:56:58 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014197.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 01:48
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 04:40:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 Qlast Update : Sat May 11 04:40:12 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)	11.840	1451926	10.306 ug/ml
Spiked Amount 50.000		Recovery =	20.61%
12) S 1-chlorooctadecane (S...	13.282	1029853	10.154 ug/ml
Spiked Amount 50.000		Recovery =	20.31%
Target Compounds			
1) T n-Nonane (C9)	3.241	1334912	10.249 ug/ml
2) T n-Decane (C10)	4.490	1357186	10.242 ug/ml
3) T A~Naphthalene (C11.7)	6.185	1331362	10.003 ug/ml
4) T n-Dodecane (C12)	6.653	1360795	10.242 ug/ml
5) T A~2-methylnaphthalene...	7.278	1202690	9.871 ug/ml
6) T n-Tetradecane (C14)	8.479	1315193	10.181 ug/ml
7) T n-Hexadecane (C16)	10.085	1332196	10.177 ug/ml
8) T n-Octadecane (C18)	11.528	1362840	10.235 ug/mlm
10) T n-Eicosane (C20)	12.839	1310047	10.259 ug/ml
11) T n-Heneicosane (C21)	13.451	1283784	10.272 ug/ml
13) T n-Docosane (C22)	14.038	1262292	10.252 ug/ml
14) T n-Tetracosane (C24)	15.141	1231559	10.199 ug/ml
15) T n-Hexacosane (C26)	16.163	1188937	10.214 ug/ml
16) T n-Octacosane (C28)	17.114	1144314	10.185 ug/ml
17) T n-Tricontane (C30)	18.002	1142124	10.170 ug/ml
18) T n-Dotriacontane (C32)	18.835	1107935	10.173 ug/ml
19) T n-Tetratriacontane (C34)	19.617	1054445	10.122 ug/ml
20) T n-Hexatriacontane (C36)	20.358	993273	10.020 ug/ml
21) T n-Octatriacontane (C38)	21.083	955511	9.901 ug/ml
22) T n-Tetracontane (C40)	21.967	920834	9.815 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
Data File : FF014197.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 01:48
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

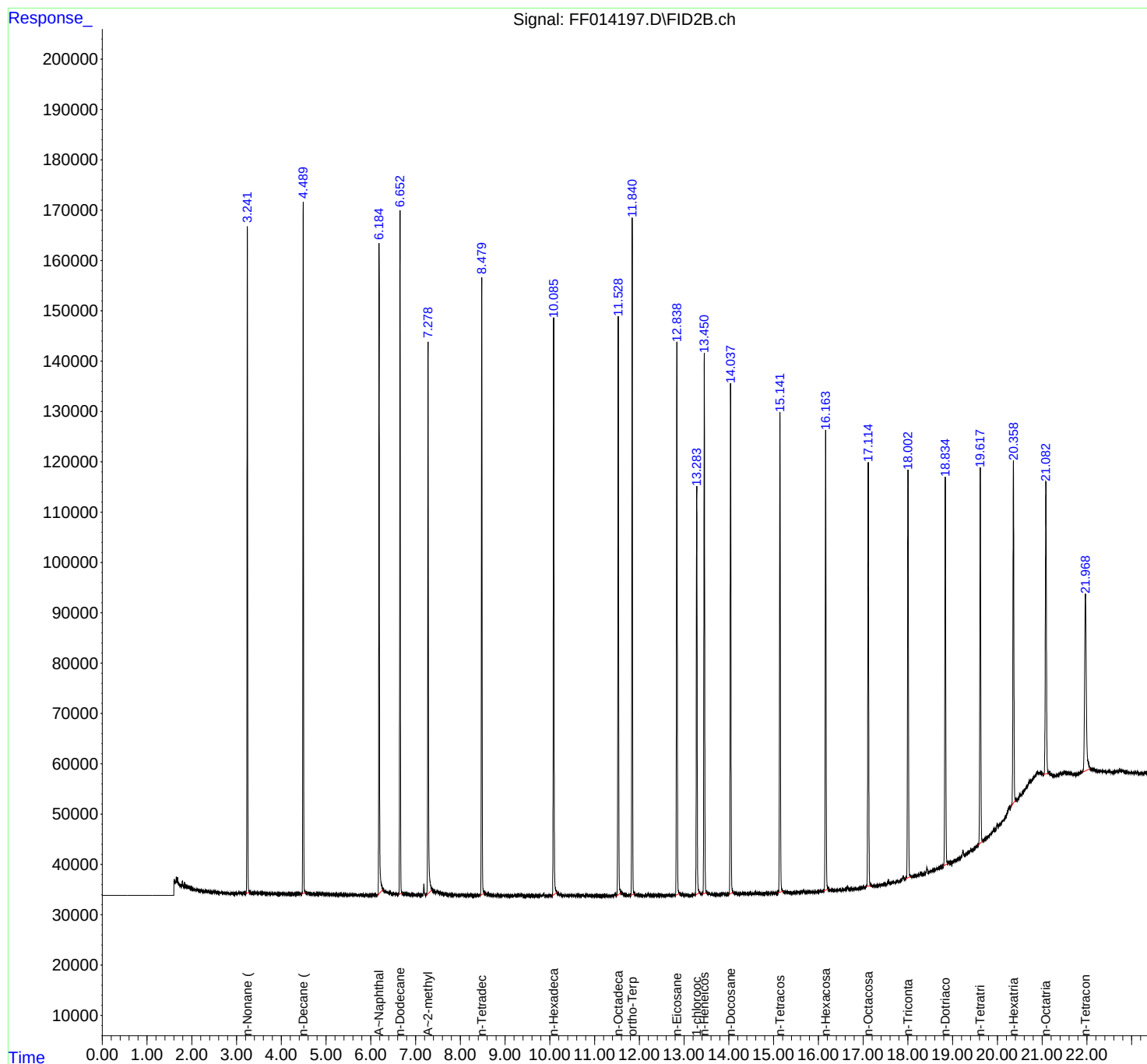
Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

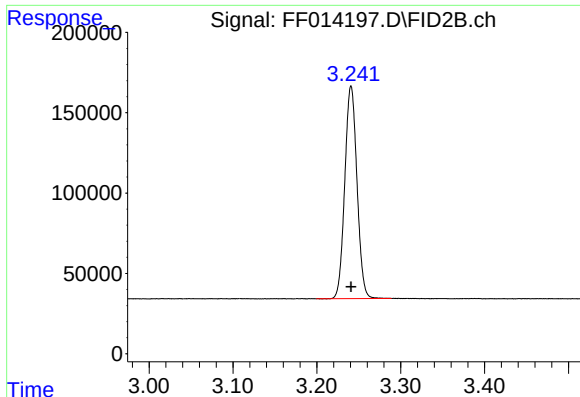
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
Quant Time: May 11 04:40:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Quant Title : GC Extractables
QLast Update : Sat May 11 04:40:12 2024
Response via : Initial Calibration
Integrator: ChemStation

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





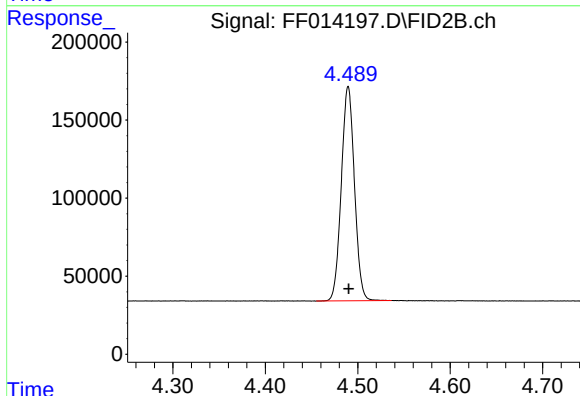
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 1334912
Conc: 10.25 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

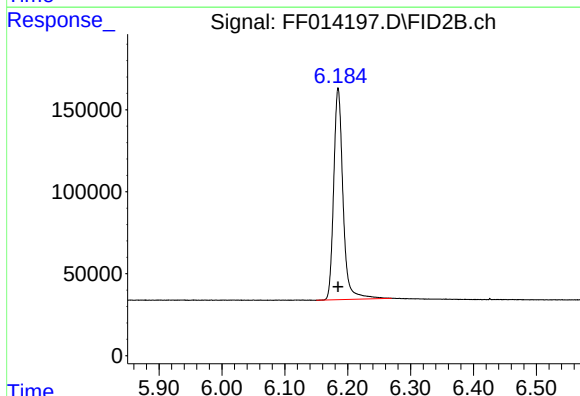
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



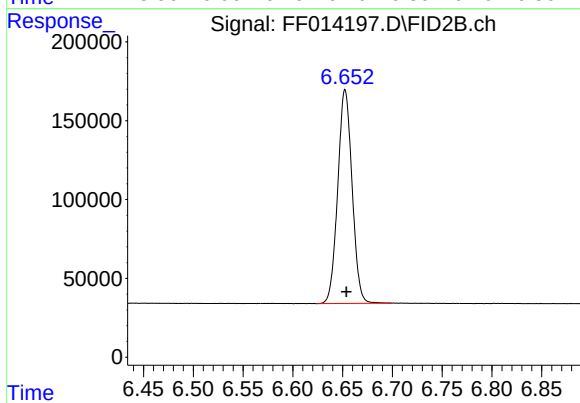
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 1357186
Conc: 10.24 ug/ml



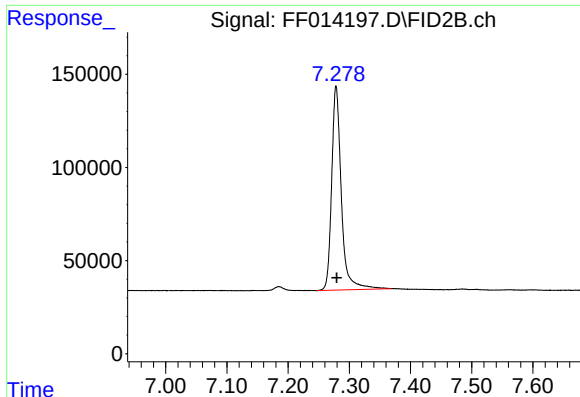
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 1331362
Conc: 10.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.653 min
Delta R.T.: -0.001 min
Response: 1360795
Conc: 10.24 ug/ml



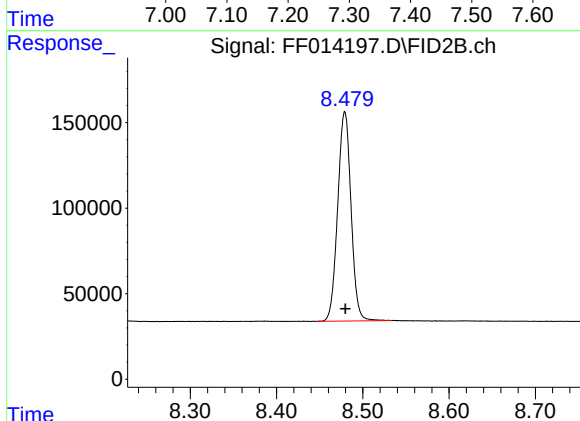
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 1202690
Conc: 9.87 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

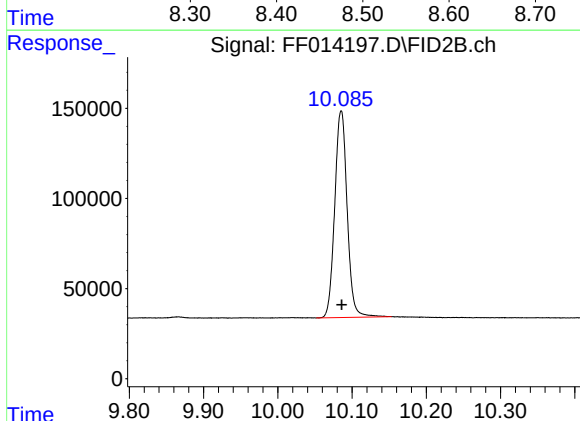
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



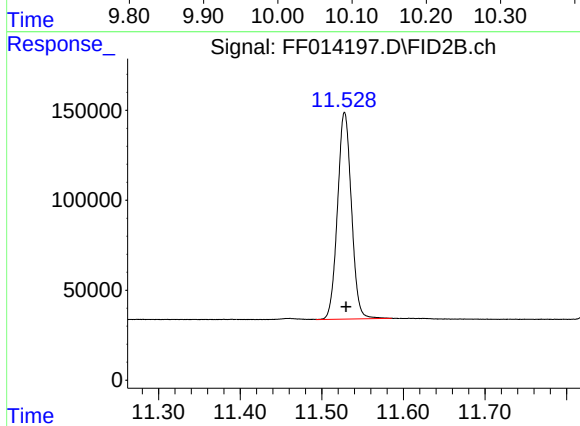
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 1315193
Conc: 10.18 ug/ml



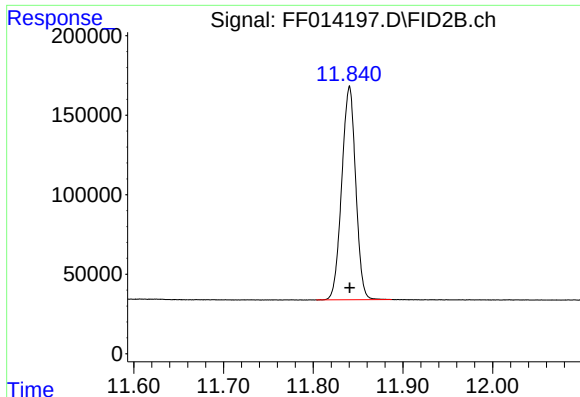
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: 0.000 min
Response: 1332196
Conc: 10.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 1362840
Conc: 10.23 ug/ml m



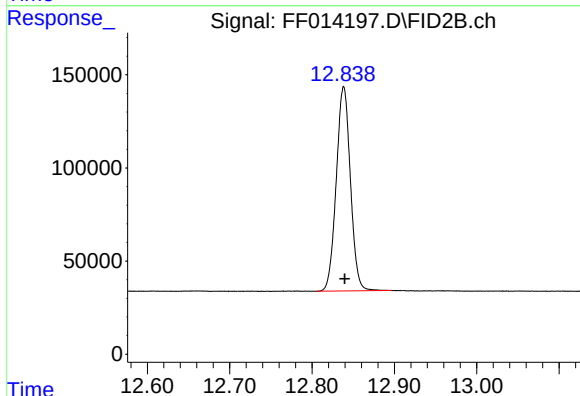
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: 0.000 min
Response: 1451926
Conc: 10.31 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

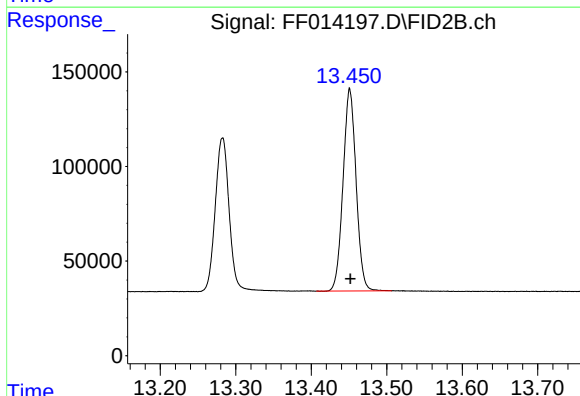
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



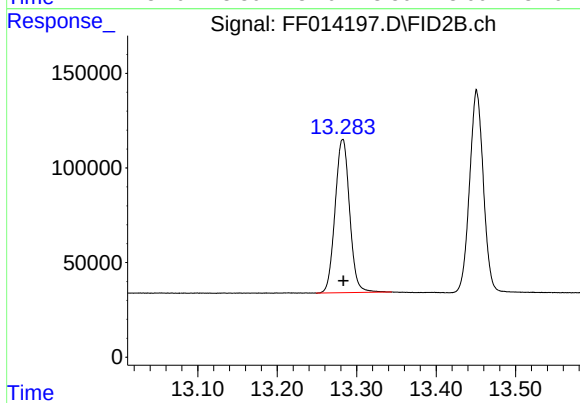
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.001 min
Response: 1310047
Conc: 10.26 ug/ml



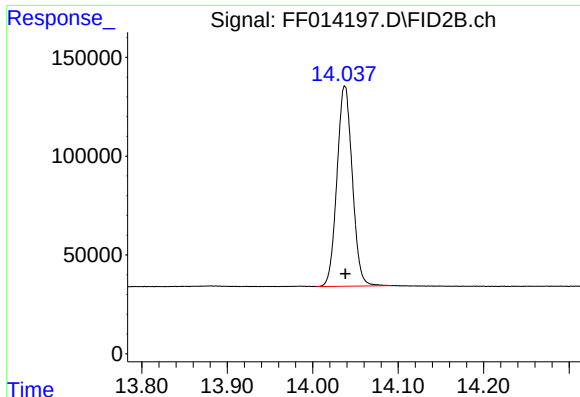
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.001 min
Response: 1283784
Conc: 10.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 1029853
Conc: 10.15 ug/ml



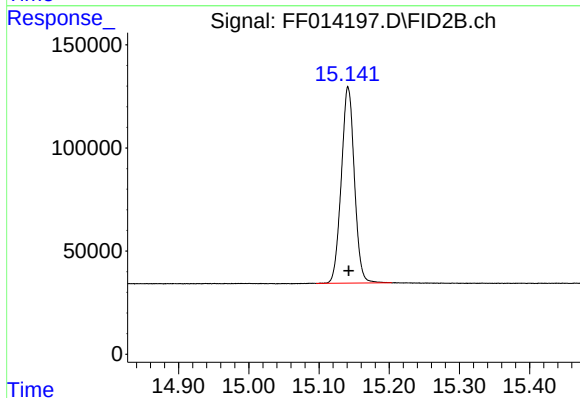
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: 0.000 min
Response: 1262292
Conc: 10.25 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

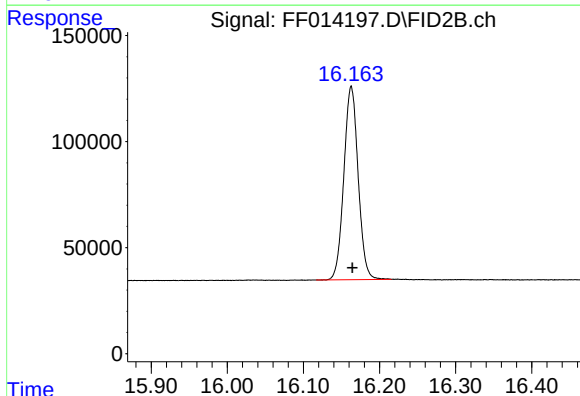
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



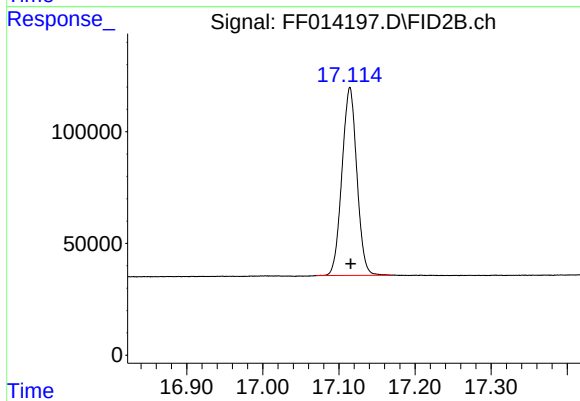
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: 0.000 min
Response: 1231559
Conc: 10.20 ug/ml



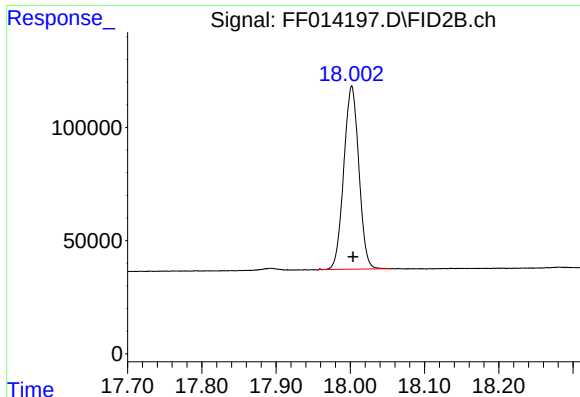
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 1188937
Conc: 10.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.114 min
Delta R.T.: -0.001 min
Response: 1144314
Conc: 10.19 ug/ml



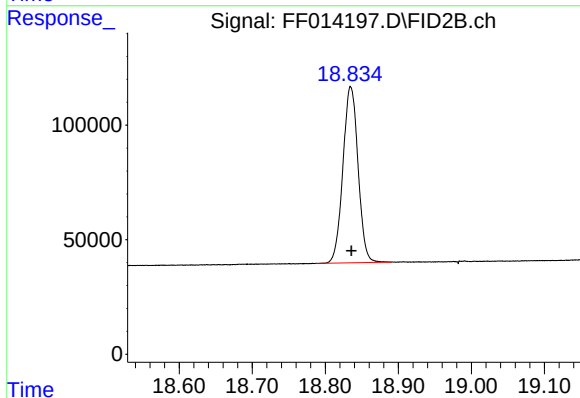
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.002 min
Response: 1142124
Conc: 10.17 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

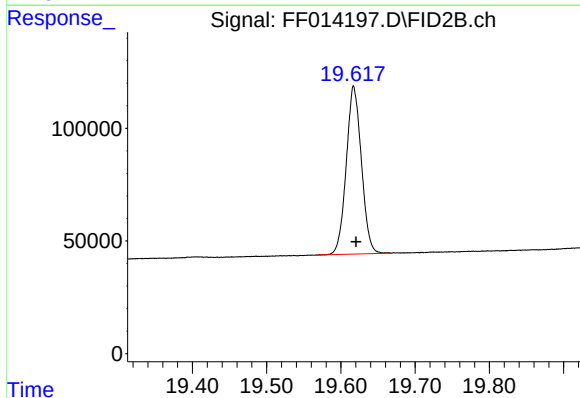
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



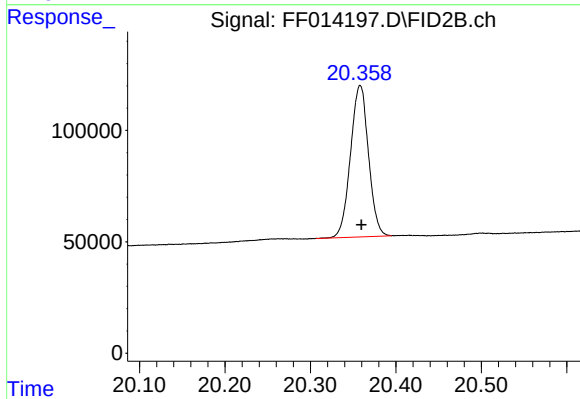
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.001 min
Response: 1107935
Conc: 10.17 ug/ml



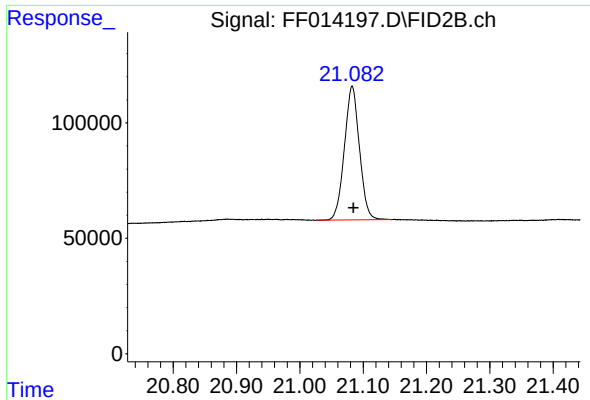
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.003 min
Response: 1054445
Conc: 10.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.001 min
Response: 993273
Conc: 10.02 ug/ml



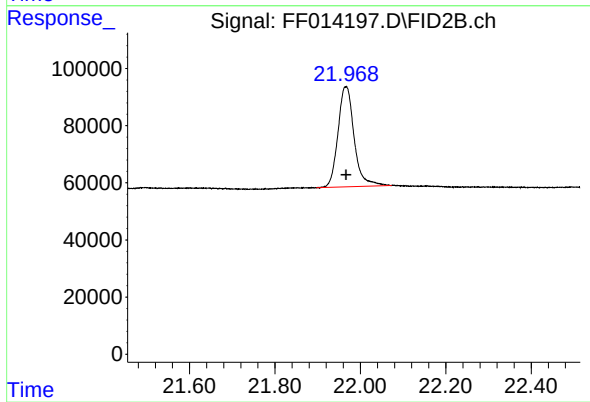
#21 n-Octatriacontane (C38)

R.T.: 21.083 min
Delta R.T.: -0.002 min
Response: 955511
Conc: 9.90 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.000 min
Response: 920834
Conc: 9.81 ug/ml

Instrument :
FID_F
LabSampleId :
10 PPM ALIPHATIC HC STD4

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FID_F
Data File : FF014197.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 01:48
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.241	3.199	3.289	BB	132382	1334912	91.94%	5.005%
2	4.490	4.455	4.537	BB	137500	1357186	93.47%	5.088%
3	6.185	6.150	6.270	BB	129156	1331362	91.70%	4.992%
4	6.653	6.623	6.699	BB	135606	1360795	93.72%	5.102%
5	7.278	7.246	7.369	BB	109616	1202690	82.83%	4.509%
6	8.479	8.446	8.533	BB	122481	1315193	90.58%	4.931%
7	10.085	10.052	10.153	BB	114754	1332196	91.75%	4.995%
8	11.528	11.438	11.588	BB	114863	1360626	93.71%	5.101%
9	11.840	11.803	11.888	BB	134509	1451926	100.00%	5.444%
10	12.839	12.805	12.897	BB	109865	1310047	90.23%	4.912%
11	13.282	13.249	13.344	BB	80975	1029853	70.93%	3.861%
12	13.451	13.407	13.507	BB	107028	1283784	88.42%	4.813%
13	14.038	14.004	14.093	BB	101273	1262292	86.94%	4.733%
14	15.141	15.096	15.203	BB	95118	1231559	84.82%	4.617%
15	16.163	16.117	16.216	BB	91246	1188937	81.89%	4.458%
16	17.114	17.070	17.169	BB	84151	1144314	78.81%	4.290%
17	18.002	17.954	18.056	BB	81028	1142124	78.66%	4.282%
18	18.835	18.788	18.891	BB	76749	1107935	76.31%	4.154%
19	19.617	19.567	19.668	BB	74560	1054445	72.62%	3.953%
20	20.358	20.307	20.395	BB	67986	993273	68.41%	3.724%
21	21.083	21.026	21.145	BB	58042	955511	65.81%	3.582%
22	21.967	21.897	22.073	BB	35042	920834	63.42%	3.452%

Sum of corrected areas: 26671792

Aliphatic EPH 051124.M Sat May 11 04:57:29 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014198.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 02:18
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 04:35:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:34:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

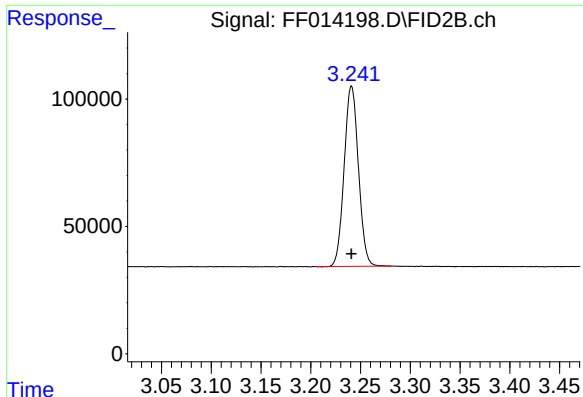
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.840	771231	5.432 ug/ml
Spiked Amount 50.000		Recovery =	10.86%
12) S 1-chlorooctadecane (S...	13.283	525894	5.169 ug/ml
Spiked Amount 50.000		Recovery =	10.34%
Target Compounds			
1) T n-Nonane (C9)	3.241	706412	5.373 ug/ml
2) T n-Decane (C10)	4.489	715527	5.355 ug/ml
3) T A~Naphthalene (C11.7)	6.186	678618	5.074 ug/ml
4) T n-Dodecane (C12)	6.653	715070	5.343 ug/ml
5) T A~2-methylnaphthalene...	7.280	592407	4.856 ug/ml
6) T n-Tetradecane (C14)	8.479	687102	5.285 ug/ml
7) T n-Hexadecane (C16)	10.085	680377	5.179 ug/ml
8) T n-Octadecane (C18)	11.528	702996	5.265 ug/ml
10) T n-Eicosane (C20)	12.839	687579	5.351 ug/ml
11) T n-Heneicosane (C21)	13.451	674181	5.361 ug/ml
13) T n-Docosane (C22)	14.038	663524	5.355 ug/ml
14) T n-Tetracosane (C24)	15.141	655651	5.436 ug/mlm
15) T n-Hexacosane (C26)	16.163	621539	5.305 ug/ml
16) T n-Octacosane (C28)	17.114	597142	5.284 ug/ml
17) T n-Tricontane (C30)	18.002	601131	5.310 ug/ml
18) T n-Dotriacontane (C32)	18.835	584595	5.323 ug/ml
19) T n-Tetratriacontane (C34)	19.619	547749	5.224 ug/ml
20) T n-Hexatriacontane (C36)	20.360	503764	5.063 ug/ml
21) T n-Octatriacontane (C38)	21.084	473339	4.905 ug/ml
22) T n-Tetracontane (C40)	21.964	482202	5.098 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



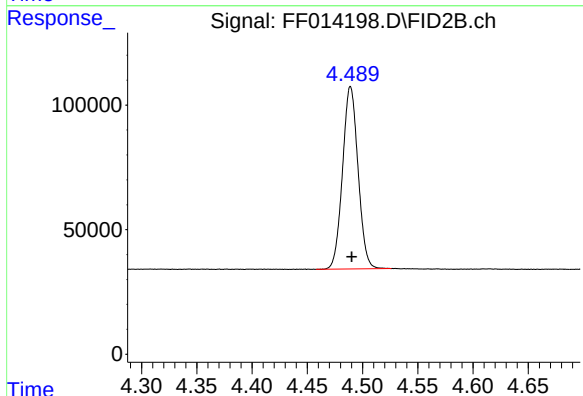
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 706412
Conc: 5.37 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

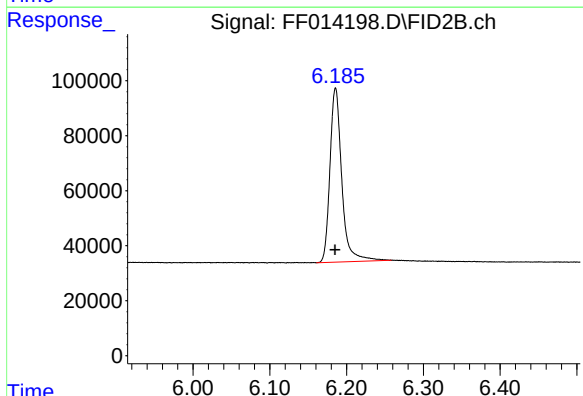
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



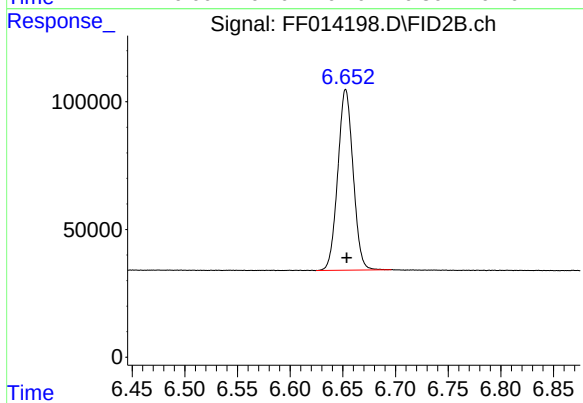
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 715527
Conc: 5.35 ug/ml



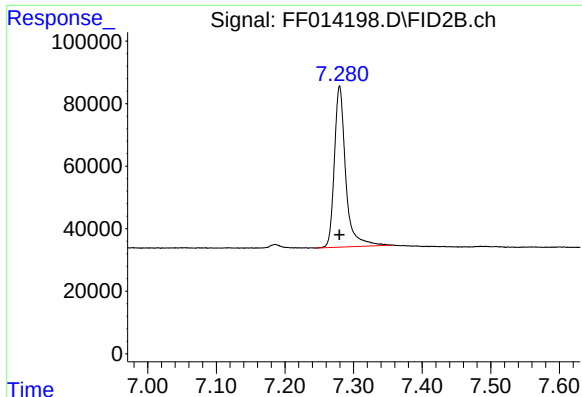
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 678618
Conc: 5.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.653 min
Delta R.T.: -0.001 min
Response: 715070
Conc: 5.34 ug/ml



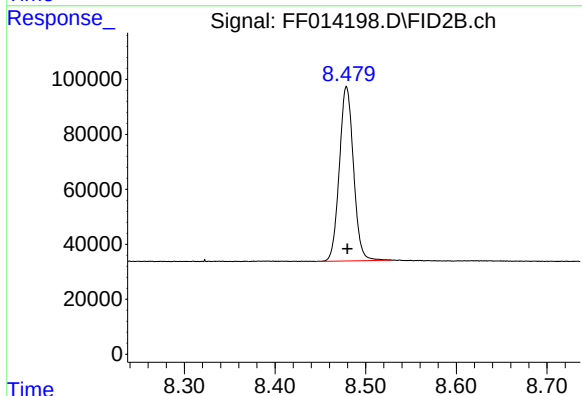
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 592407
Conc: 4.86 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

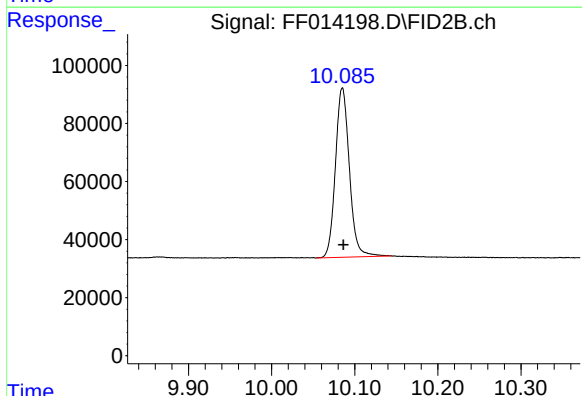
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



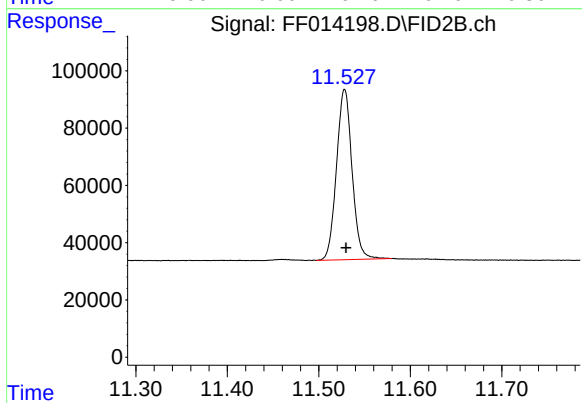
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: -0.001 min
Response: 687102
Conc: 5.28 ug/ml



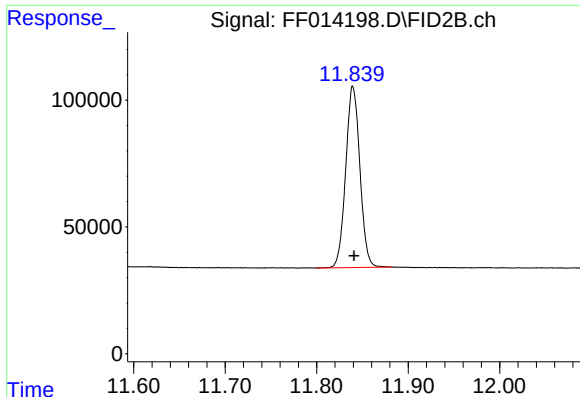
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.001 min
Response: 680377
Conc: 5.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.002 min
Response: 702996
Conc: 5.26 ug/ml



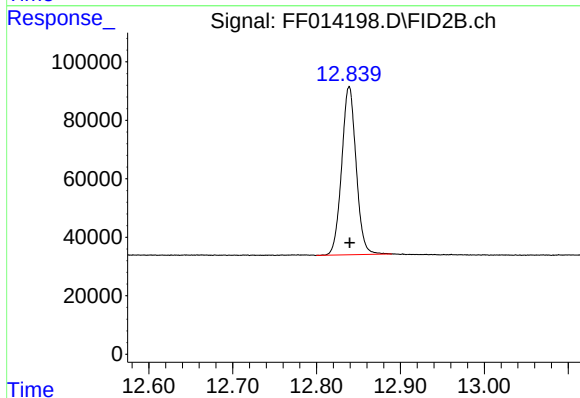
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.001 min
Response: 771231
Conc: 5.43 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

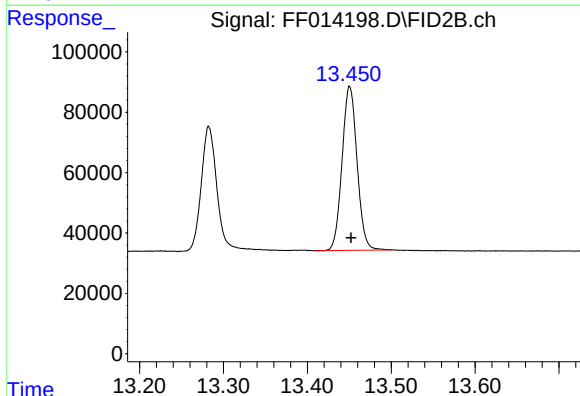
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



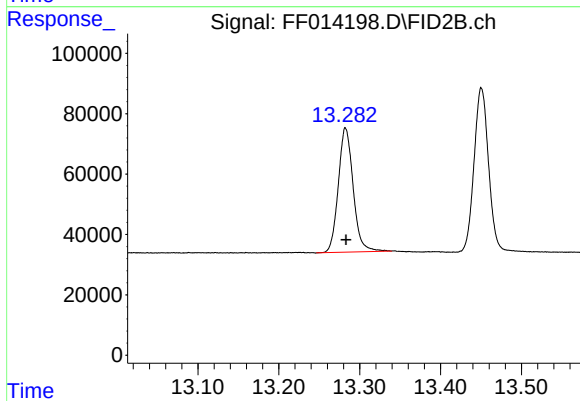
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: 0.000 min
Response: 687579
Conc: 5.35 ug/ml



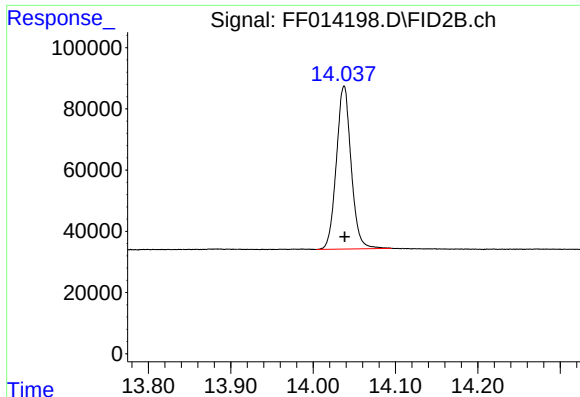
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.002 min
Response: 674181
Conc: 5.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: 0.000 min
Response: 525894
Conc: 5.17 ug/ml



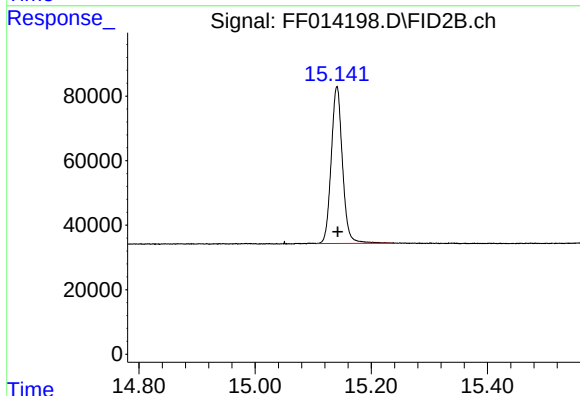
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: 0.000 min
Response: 663524
Conc: 5.35 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

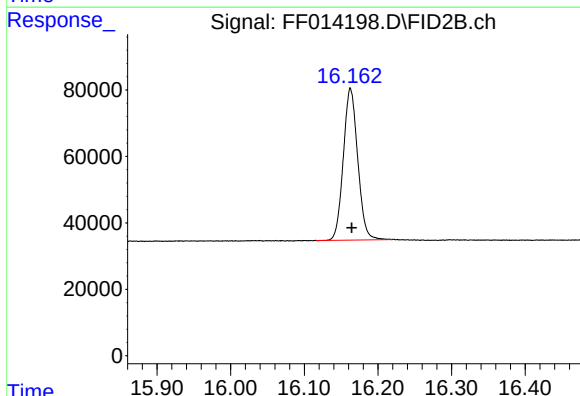
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



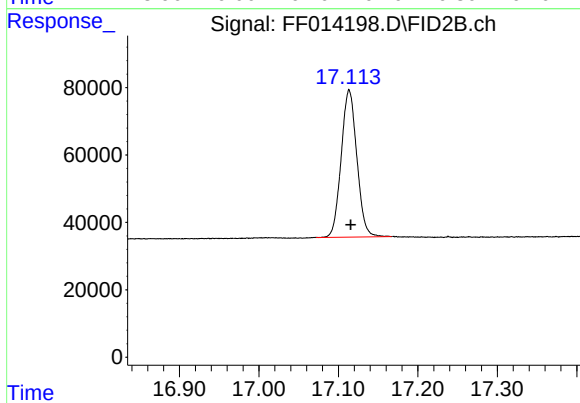
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.001 min
Response: 655651
Conc: 5.44 ug/ml m



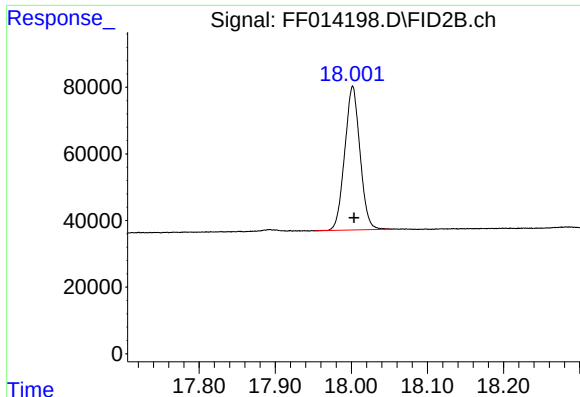
#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 621539
Conc: 5.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.114 min
Delta R.T.: -0.002 min
Response: 597142
Conc: 5.28 ug/ml



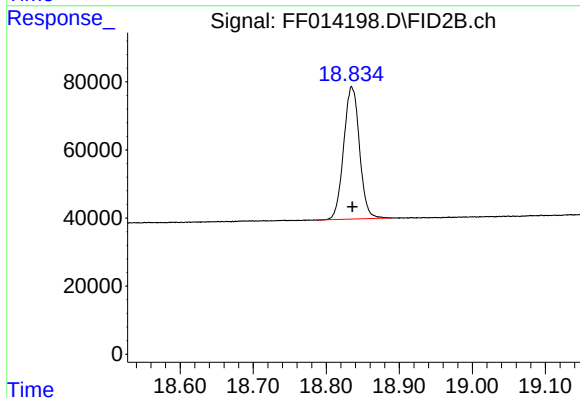
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.002 min
Response: 601131
Conc: 5.31 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

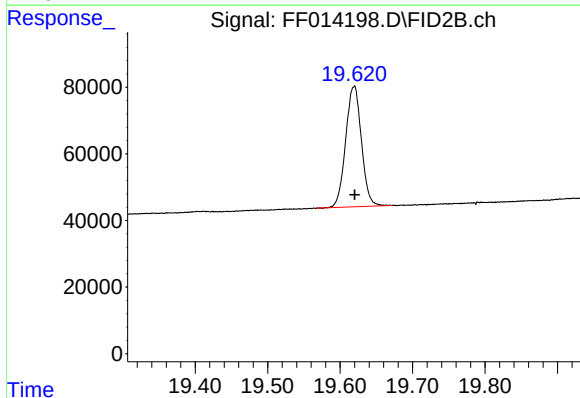
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



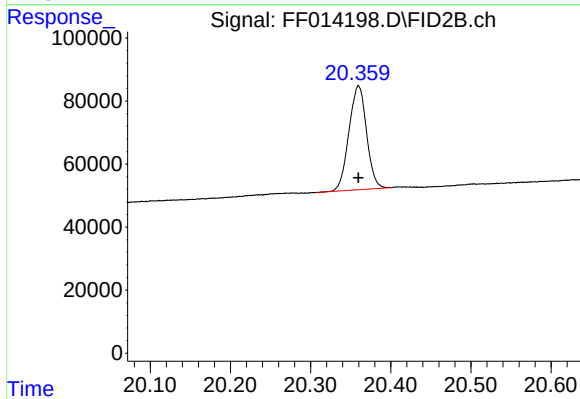
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: 0.000 min
Response: 584595
Conc: 5.32 ug/ml



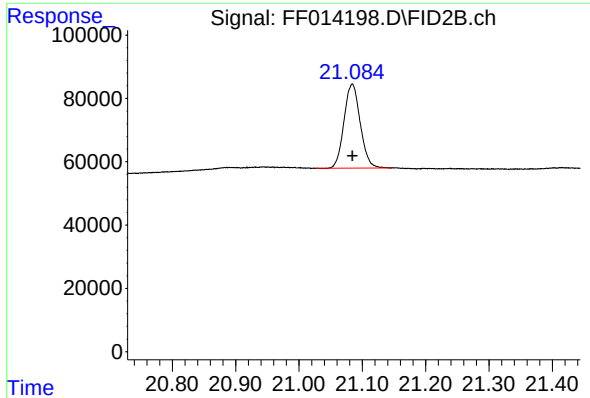
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 547749
Conc: 5.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: 0.000 min
Response: 503764
Conc: 5.06 ug/ml



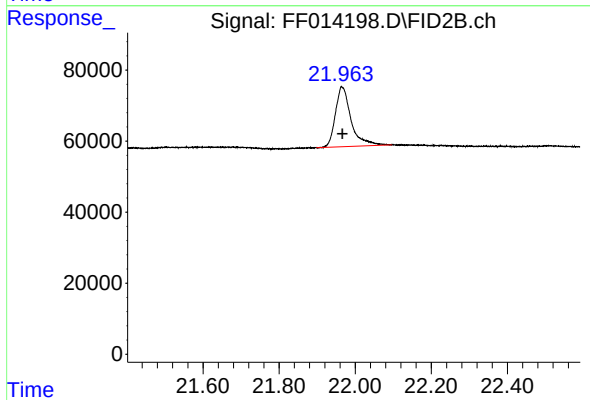
#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 473339
Conc: 4.91 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
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Supervised By :Ankita Jodhani 05/13/2024



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.002 min
Response: 482202
Conc: 5.10 ug/ml

Instrument :
FID_F
LabSampleId :
5 PPM ALIPHATIC HC STD5

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FID_F
Data File : FF014198.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 02:18
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.241	3.205	3.281	BB	70867	706412	91.60%	5.100%
2	4.489	4.458	4.526	BB	73212	715527	92.78%	5.166%
3	6.186	6.160	6.259	BB	63376	678618	87.99%	4.899%
4	6.653	6.625	6.696	BB	70806	715070	92.72%	5.163%
5	7.280	7.245	7.355	BB	51594	592407	76.81%	4.277%
6	8.479	8.445	8.529	BB	63501	687102	89.09%	4.961%
7	10.085	10.054	10.145	BB	58377	680377	88.22%	4.912%
8	11.528	11.497	11.580	BB	59503	702996	91.15%	5.075%
9	11.840	11.800	11.882	BB	71413	771231	100.00%	5.568%
10	12.839	12.800	12.890	BB	57489	687579	89.15%	4.964%
11	13.283	13.246	13.340	BB	41047	525894	68.19%	3.797%
12	13.451	13.410	13.500	BB	54300	674181	87.42%	4.867%
13	14.038	14.004	14.095	BB	53312	663524	86.03%	4.791%
14	15.141	15.099	15.195	BB	48489	638439	82.78%	4.609%
15	16.163	16.116	16.219	BB	45764	621539	80.59%	4.487%
16	17.114	17.072	17.167	BB	43766	597142	77.43%	4.311%
17	18.002	17.954	18.053	BB	43240	601131	77.94%	4.340%
18	18.835	18.786	18.890	BB	38816	584595	75.80%	4.221%
19	19.620	19.567	19.671	BB	36190	547749	71.02%	3.955%
20	20.360	20.307	20.401	BB	33099	503764	65.32%	3.637%
21	21.084	21.027	21.146	BB	26648	473339	61.37%	3.417%
22	21.964	21.897	22.096	BB	16923	482202	62.52%	3.481%
Sum of corrected areas:						13850818		

Aliphatic EPH 051124.M Sat May 11 04:58:00 2024

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
 Data File : FF014199.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 02:47
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: May 11 04:46:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 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)	11.842	2719681	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	13.284	1958197	19.308 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
Target Compounds			
1) T n-Nonane (C9)	3.241	2506597	19.245 ug/ml
2) T n-Decane (C10)	4.489	2557311	19.298 ug/ml
3) T A~Naphthalene (C11.7)	6.185	2579062	19.377 ug/ml
4) T n-Dodecane (C12)	6.654	2565872	19.311 ug/ml
5) T A~2-methylnaphthalene...	7.279	2377897	19.516 ug/ml
6) T n-Tetradecane (C14)	8.479	2497762	19.335 ug/ml
7) T n-Hexadecane (C16)	10.086	2541491	19.415 ug/ml
8) T n-Octadecane (C18)	11.530	2575592	19.373 ug/ml
10) T n-Eicosane (C20)	12.839	2463463	19.292 ug/ml
11) T n-Heneicosane (C21)	13.453	2411696	19.296 ug/ml
13) T n-Docosane (C22)	14.039	2369398	19.244 ug/ml
14) T n-Tetracosane (C24)	15.143	2315898	19.179 ug/ml
15) T n-Hexacosane (C26)	16.164	2246931	19.302 ug/ml
16) T n-Octacosane (C28)	17.115	2166894	19.287 ug/ml
17) T n-Tricontane (C30)	18.003	2166384	19.290 ug/ml
18) T n-Dotriacontane (C32)	18.836	2108771	19.362 ug/ml
19) T n-Tetratriacontane (C34)	19.618	2006756	19.263 ug/ml
20) T n-Hexatriacontane (C36)	20.360	1890854	19.074 ug/ml
21) T n-Octatriacontane (C38)	21.085	1866663	19.343 ug/ml
22) T n-Tetracontane (C40)	21.967	1794076	19.122 ug/ml

(f)=RT Delta > 1/2 Window

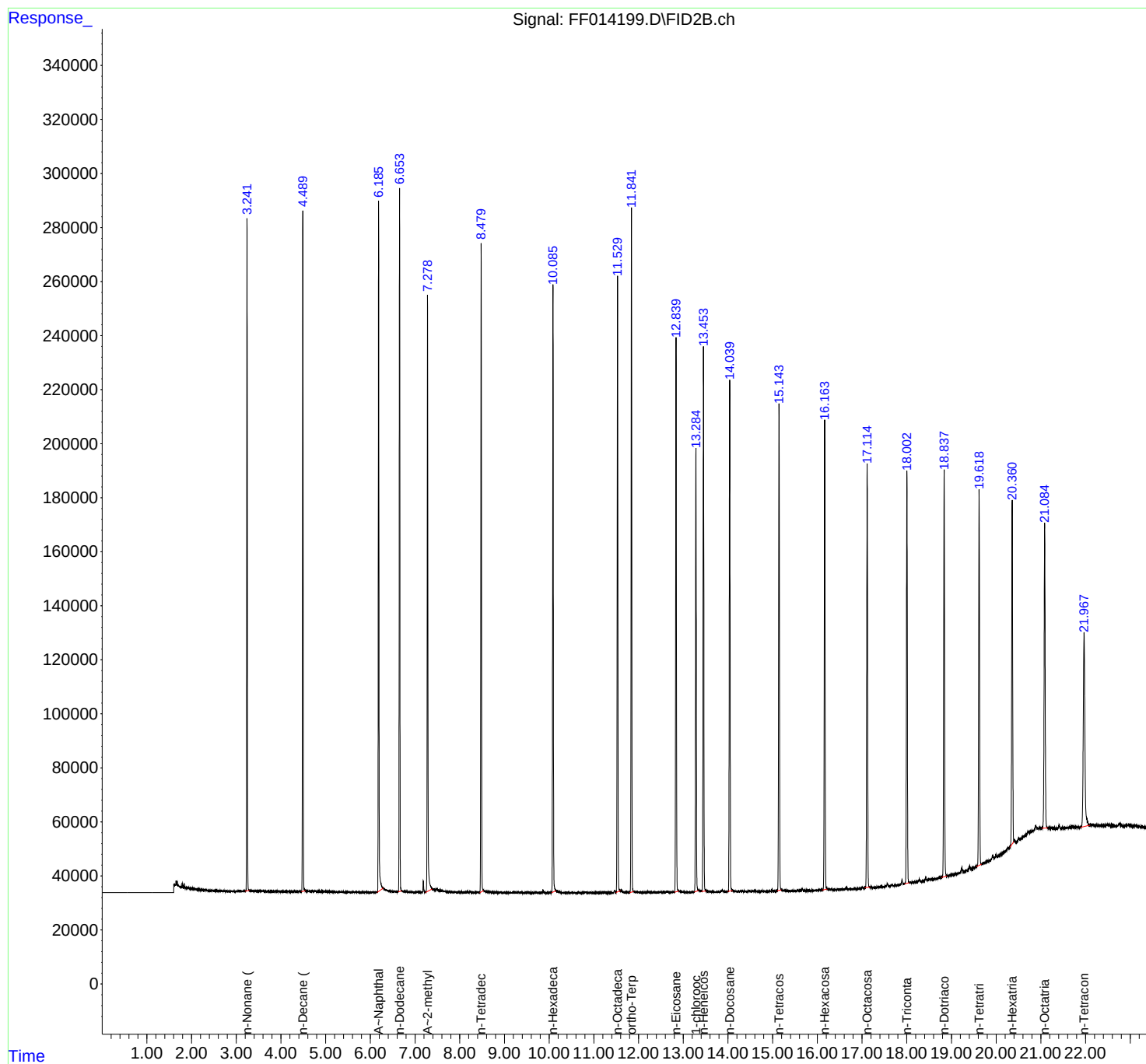
(m)=manual int.

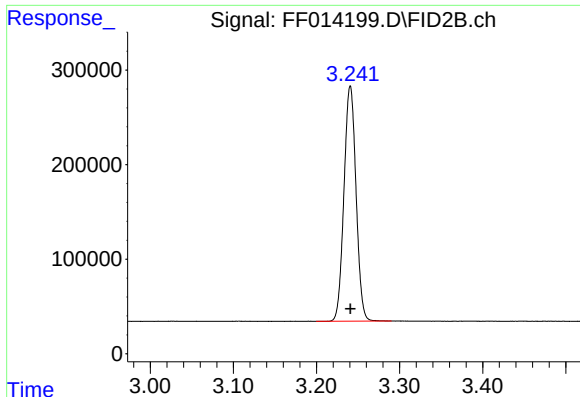
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
Data File : FF014199.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 02:47
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: May 11 04:46:46 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Quant Title : GC Extractables
QLast Update : Sat May 11 04:41:44 2024
Response via : Initial Calibration
Integrator: ChemStation

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

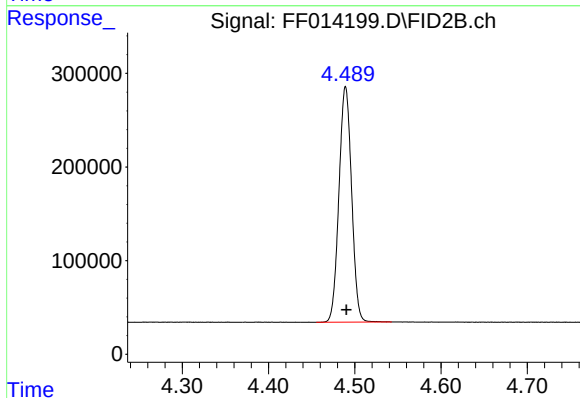




#1 n-Nonane (C9)

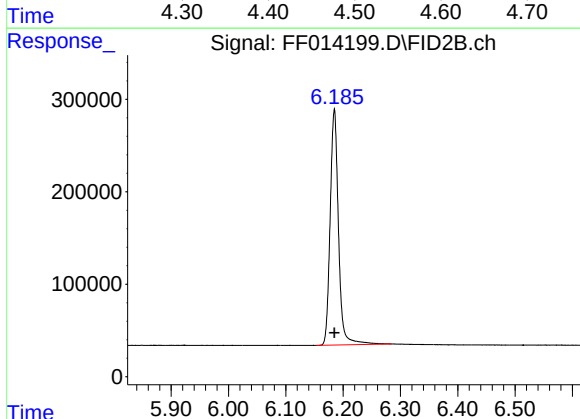
R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 2506597
Conc: 19.25 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



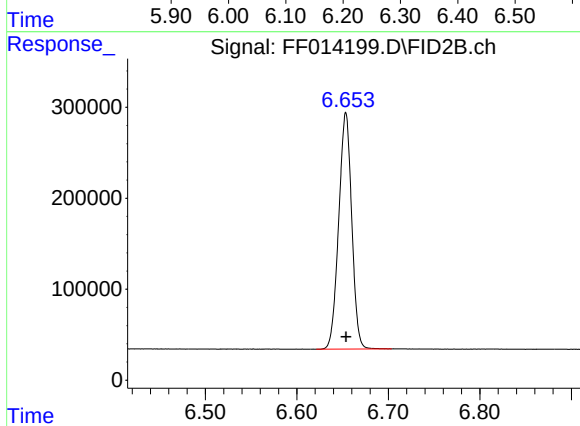
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2557311
Conc: 19.30 ug/ml



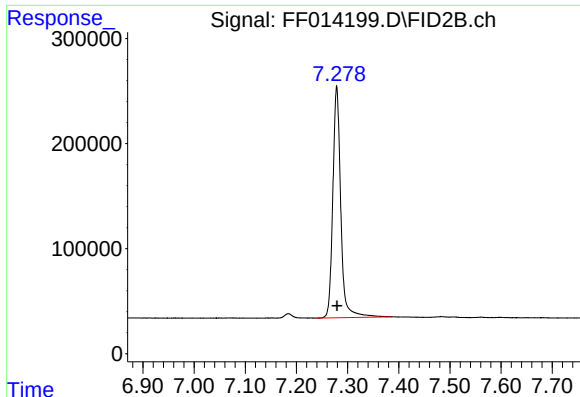
#3 A~Naphthalene (C11.7)

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 2579062
Conc: 19.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 2565872
Conc: 19.31 ug/ml



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

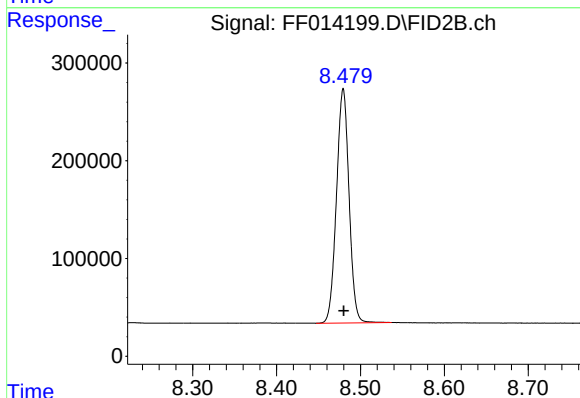
R.T.: 7.279 min
Delta R.T.: 0.000 min
Response: 2377897
Conc: 19.52 ug/ml

Instrument :

FID_F

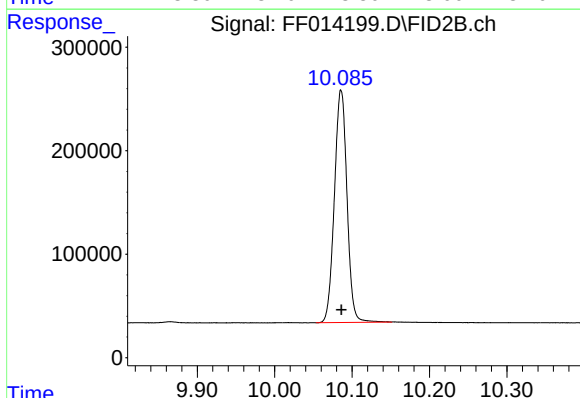
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



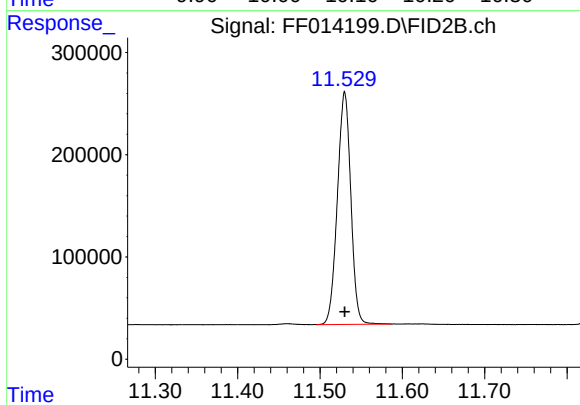
#6 n-Tetradecane (C14)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 2497762
Conc: 19.34 ug/ml



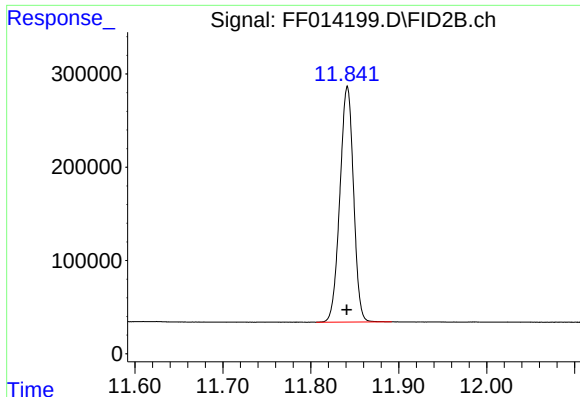
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: 0.000 min
Response: 2541491
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

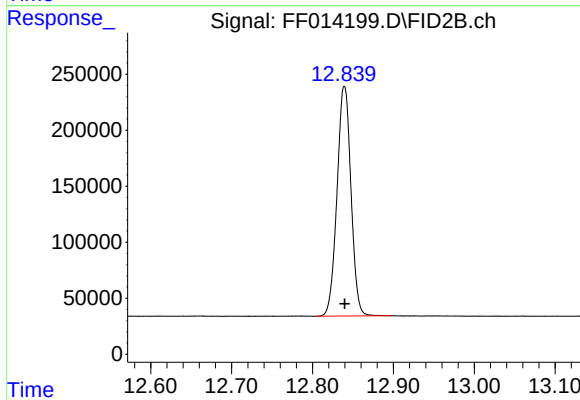
R.T.: 11.530 min
Delta R.T.: 0.000 min
Response: 2575592
Conc: 19.37 ug/ml



#9 ortho-Terphenyl (SURR)

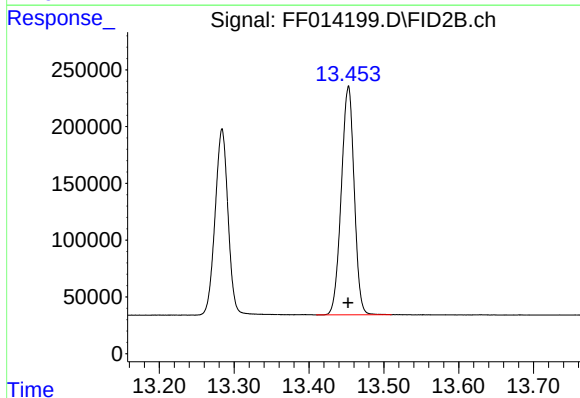
R.T.: 11.842 min
Delta R.T.: 0.000 min
Response: 2719681
Conc: 19.30 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



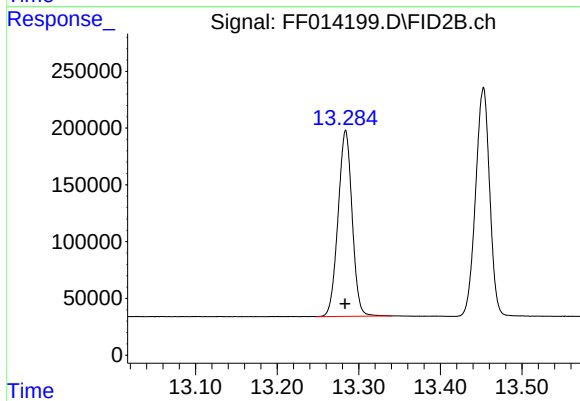
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: 0.000 min
Response: 2463463
Conc: 19.29 ug/ml



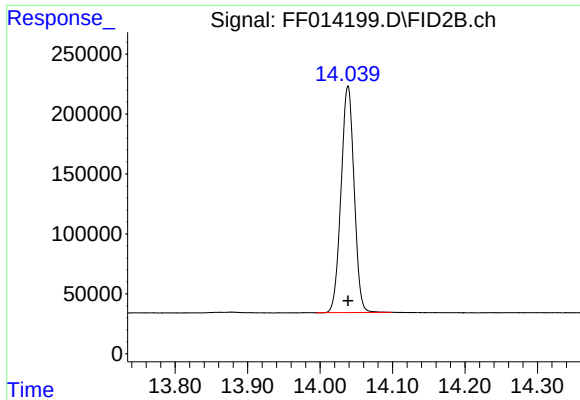
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: 0.000 min
Response: 2411696
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

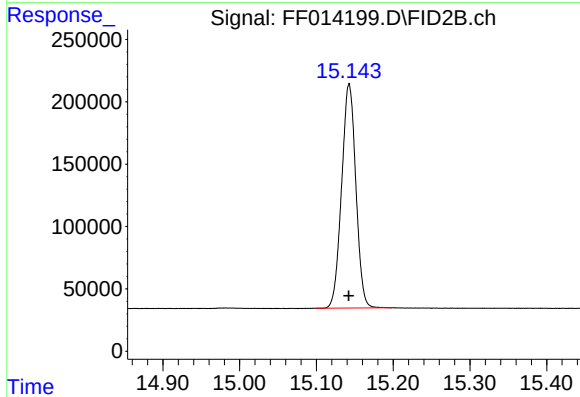
R.T.: 13.284 min
Delta R.T.: 0.000 min
Response: 1958197
Conc: 19.31 ug/ml



#13 n-Docosane (C22)

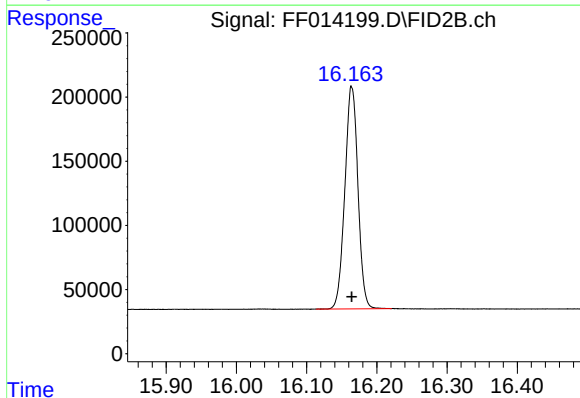
R.T.: 14.039 min
Delta R.T.: 0.000 min
Response: 2369398
Conc: 19.24 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



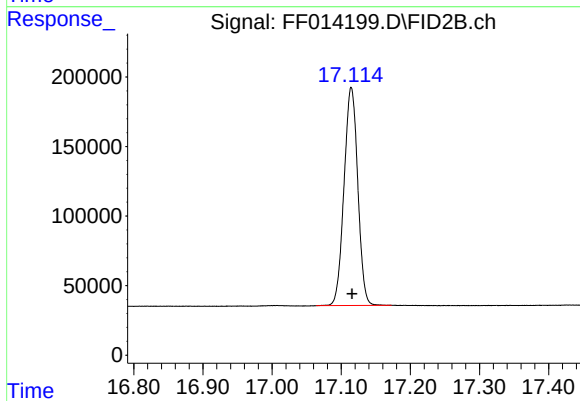
#14 n-Tetracosane (C24)

R.T.: 15.143 min
Delta R.T.: 0.000 min
Response: 2315898
Conc: 19.18 ug/ml



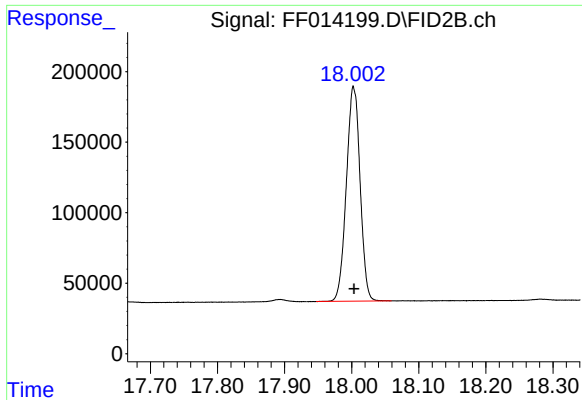
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 2246931
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

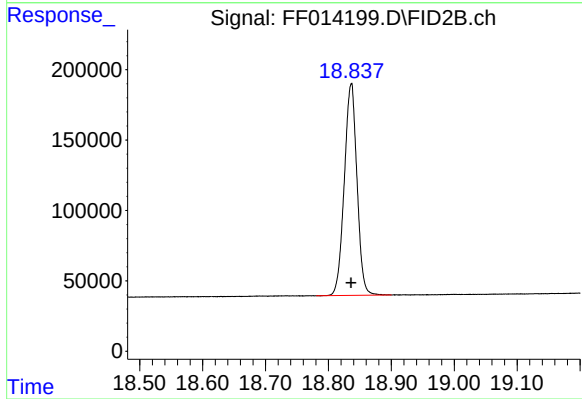
R.T.: 17.115 min
Delta R.T.: -0.001 min
Response: 2166894
Conc: 19.29 ug/ml



#17 n-Tricontane (C30)

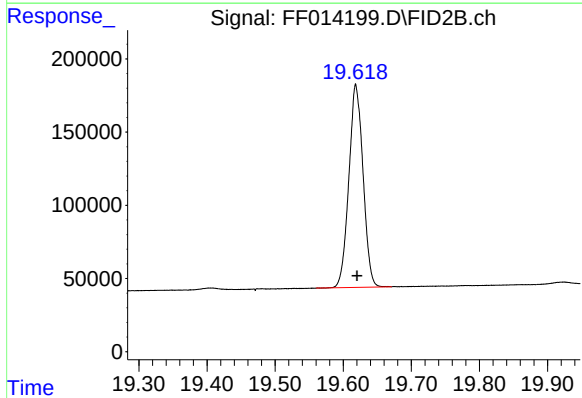
R.T.: 18.003 min
Delta R.T.: 0.000 min
Response: 2166384
Conc: 19.29 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



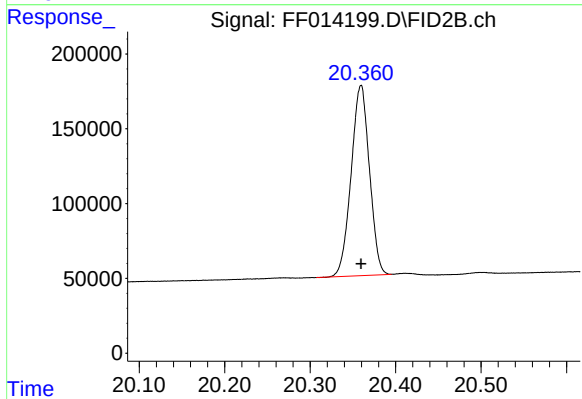
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 2108771
Conc: 19.36 ug/ml



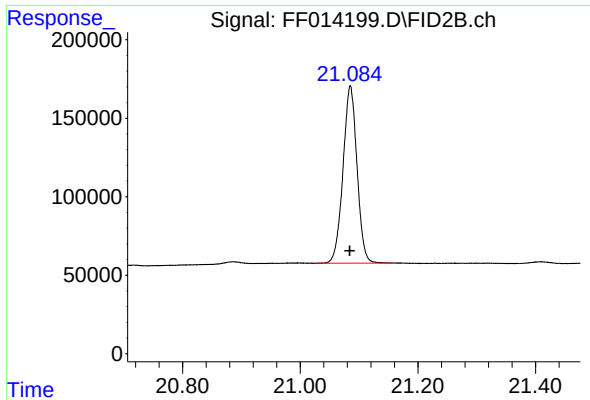
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.002 min
Response: 2006756
Conc: 19.26 ug/ml



#20 n-Hexatriacontane (C36)

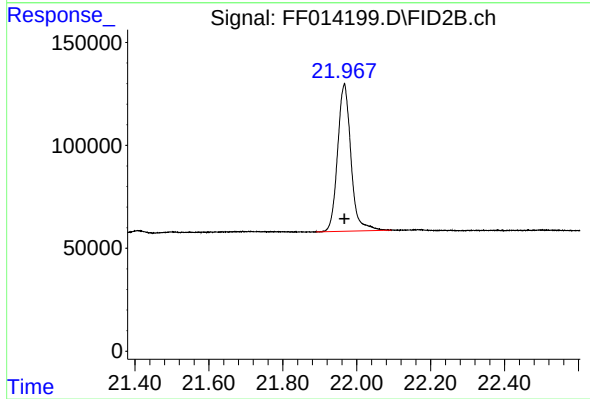
R.T.: 20.360 min
Delta R.T.: 0.000 min
Response: 1890854
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: 0.000 min
Response: 1866663
Conc: 19.34 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.967 min
Delta R.T.: 0.000 min
Response: 1794076
Conc: 19.12 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051124AL\
Data File : FF014199.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 02:47
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
Title : GC Extractables

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	3.241	3.200	3.290	BB	248806	2506597	92.17%	4.945%
2	4.489	4.455	4.543	BB	251749	2557311	94.03%	5.045%
3	6.185	6.153	6.285	BB	254856	2579062	94.83%	5.088%
4	6.654	6.621	6.704	BB	260131	2565872	94.34%	5.062%
5	7.279	7.239	7.386	BB	220592	2377897	87.43%	4.691%
6	8.479	8.447	8.537	BB	240070	2497762	91.84%	4.928%
7	10.086	10.054	10.151	BB	224003	2541491	93.45%	5.014%
8	11.530	11.495	11.587	BB	227418	2575592	94.70%	5.081%
9	11.842	11.806	11.892	BB	253235	2719681	100.00%	5.366%
10	12.839	12.805	12.898	BB	205165	2463463	90.58%	4.860%
11	13.284	13.248	13.340	BB	163877	1958197	72.00%	3.863%
12	13.453	13.410	13.510	BB	201618	2411696	88.68%	4.758%
13	14.039	13.995	14.099	BB	189088	2369398	87.12%	4.675%
14	15.143	15.100	15.198	BB	180262	2315898	85.15%	4.569%
15	16.164	16.114	16.221	BB	172640	2246931	82.62%	4.433%
16	17.115	17.064	17.173	BB	156829	2166894	79.67%	4.275%
17	18.003	17.947	18.060	BB	152154	2166384	79.66%	4.274%
18	18.836	18.780	18.900	BB	150376	2108771	77.54%	4.160%
19	19.618	19.560	19.671	BB	138917	2006756	73.79%	3.959%
20	20.360	20.307	20.395	BV	127190	1890854	69.52%	3.730%
21	21.085	21.027	21.155	BB	112981	1866663	68.64%	3.683%
22	21.967	21.890	22.095	BB	71889	1794076	65.97%	3.540%
Sum of corrected areas:						50687248		

Aliphatic EPH 051124.M Sat May 11 04:58:50 2024