

Initial Calibration Report for SequenceID : FF081023AL

AreaCount

Parameter Range	FF013171.D	FF013172.D	FF013173.D	FF013174.D	FF013175.D	
Aliphatic C9-C12	36296328.000	15517905.000	6151594.000	3161040.000	1570554.000	
Aliphatic C12-C16	24336014.000	10442332.000	4122451.000	2120476.000	1056712.000	
Aliphatic C16-C21	37039207.000	15886723.000	6265092.000	3227333.000	1606862.000	
Aliphatic C21-C28	49123462.000	21048365.000	8295672.000	4284982.000	2145534.000	
Aliphatic C28-C40	70478570.000	29970178.000	11967127.000	6140735.000	3275188.000	
Aliphatic EPH	217273581.000	92865503.000	36801936.000	18934566.000	9654850.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	107407.7253332	7.142				
Aliphatic C12-C16	108171.933	7.063				
Aliphatic C16-C21	109699.1219996	7.103				
Aliphatic C21-C28	109229.526	7.079				
Aliphatic C28-C40	105721.890333	7.189				
Aliphatic EPH	107717.4363332	6.978				

Concentration

Parameter Range	FF013171.D	FF013172.D	FF013173.D	FF013174.D	FF013175.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	FF013171.D	FF013172.D	FF013173.D	FF013174.D	FF013175.D	
Aliphatic C9-C12	120987.760000	103452.700000	102526.566666	105368.000000	104703.600000	
Aliphatic C12-C16	121680.070000	104423.320000	103061.275000	106023.800000	105671.200000	
Aliphatic C16-C21	123464.023333	105911.486666	104418.200000	107577.766666	107124.133333	
Aliphatic C21-C28	122808.655000	105241.825000	103695.900000	107124.550000	107276.700000	
Aliphatic C28-C40	117464.283333	99900.593333	99726.058333	102345.583333	109172.933333	



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

Initial Calibration Report for SequenceID : FF081023AL

Aliphatic EPH	120707.545000	103183.892222	102227.600000	105192.033333	107276.111111	
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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013171.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 11:40
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Aug 10 16:01:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:01:11 2023
 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)	11.904	15456184	118.213 ug/ml
Spiked Amount 50.000		Recovery =	236.43%
12) S 1-chlorooctadecane (S...	13.339	11838067	118.821 ug/ml
Spiked Amount 50.000		Recovery =	237.64%
Target Compounds			
1) T n-Nonane (C9)	3.295	12023305	117.835 ug/ml
2) T n-Decane (C10)	4.547	12085042	118.162 ug/ml
3) T A~Naphthalene (C11.7)	6.242	13324061	117.809 ug/ml
4) T n-Dodecane (C12)	6.709	12187981	118.021 ug/ml
5) T A~2-methylnaphthalene...	7.338	13376851	118.229 ug/ml
6) T n-Tetradecane (C14)	8.534	12127697	117.944 ug/ml
7) T n-Hexadecane (C16)	10.143	12208317	118.187 ug/ml
8) T n-Octadecane (C18)	11.588	12315655	117.902 ug/ml
10) T n-Eicosane (C20)	12.895	12354295	118.367 ug/ml
11) T n-Heneicosane (C21)	13.507	12369257	118.451 ug/ml
13) T n-Docosane (C22)	14.093	12360100	118.420 ug/ml
14) T n-Tetracosane (C24)	15.196	12364022	118.470 ug/ml
15) T n-Hexacosane (C26)	16.216	12290496	118.455 ug/ml
16) T n-Octacosane (C28)	17.166	12108844	118.380 ug/ml
17) T n-Tricontane (C30)	18.053	12141213	118.200 ug/ml
18) T n-Dotriacontane (C32)	18.884	12107963	115.465 ug/ml
19) T n-Tetratriacontane (C34)	19.665	11741381	117.985 ug/ml
20) T n-Hexatriacontane (C36)	20.404	11801839	118.311 ug/ml
21) T n-Octatriacontane (C38)	21.136	11419921	118.546 ug/ml
22) T n-Tetracontane (C40)	22.038	11266253	118.376 ug/ml

(f)=RT Delta > 1/2 Window

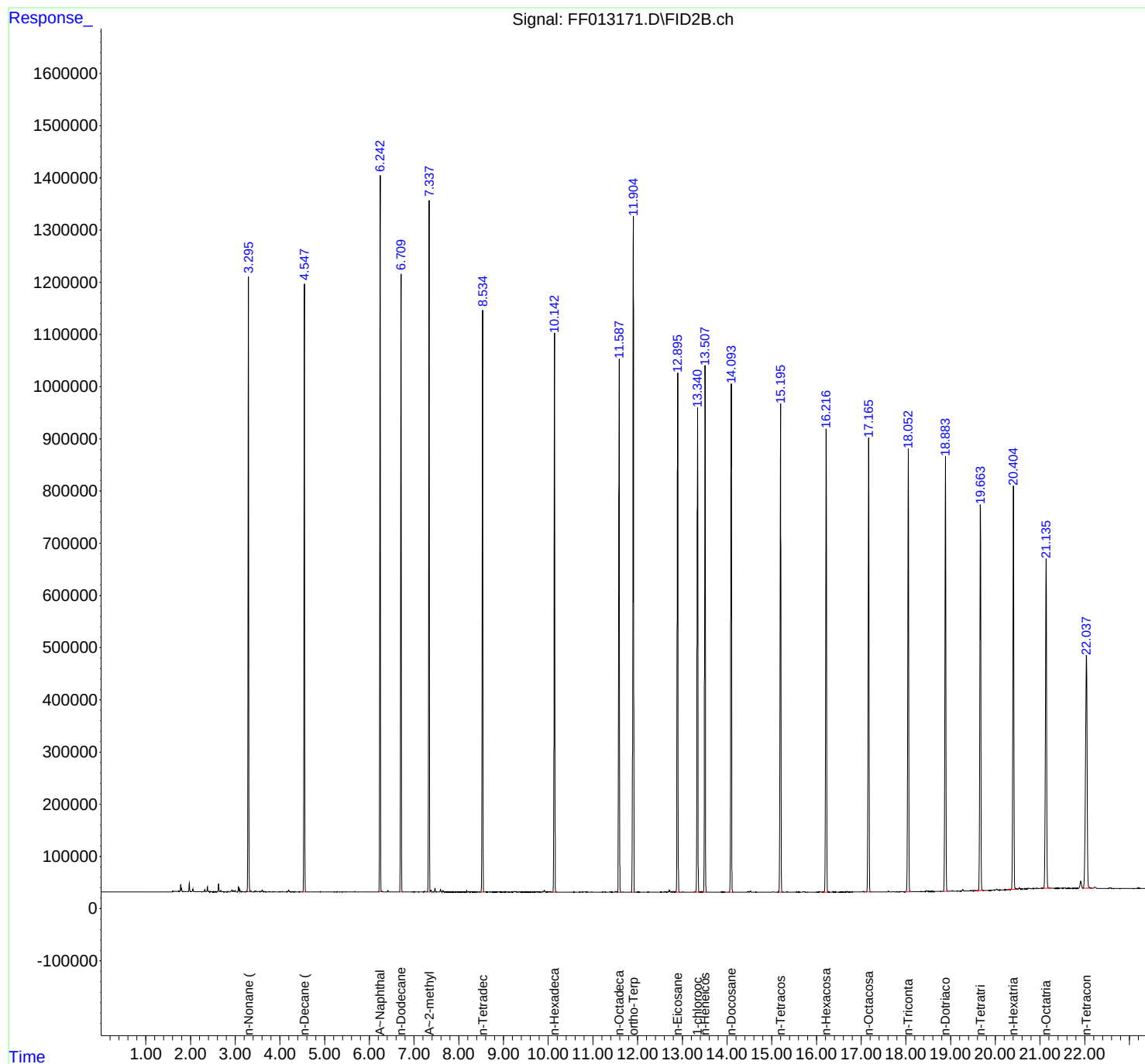
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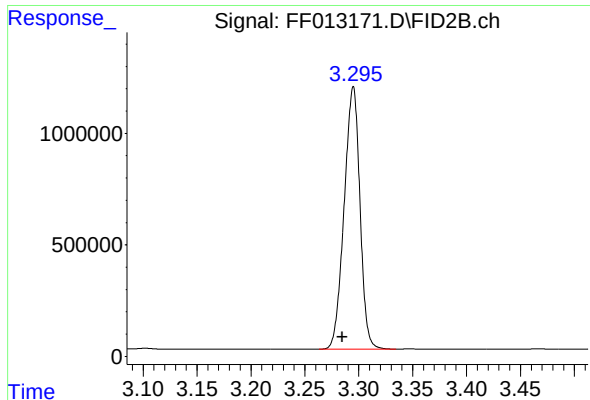
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Data File : FF013171.D
Signal(s) : FID2B.ch
Acq On : 10 Aug 2023 11:40
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Aug 10 16:01:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
Quant Title : GC Extractables
QLast Update : Thu Aug 10 16:01:11 2023
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)

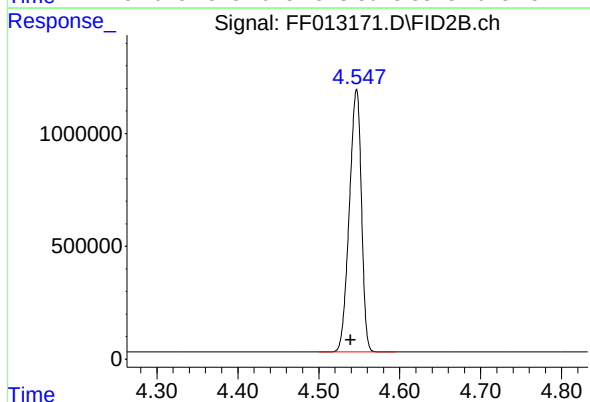
R.T.: 3.295 min
Delta R.T.: 0.010 min
Response: 12023305
Conc: 117.83 ug/ml

Instrument :

FID_F

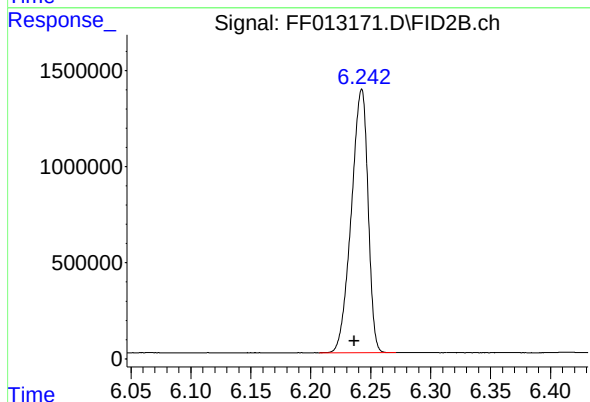
ClientSampleId :

100 PPM ALIPHATIC HC STD1



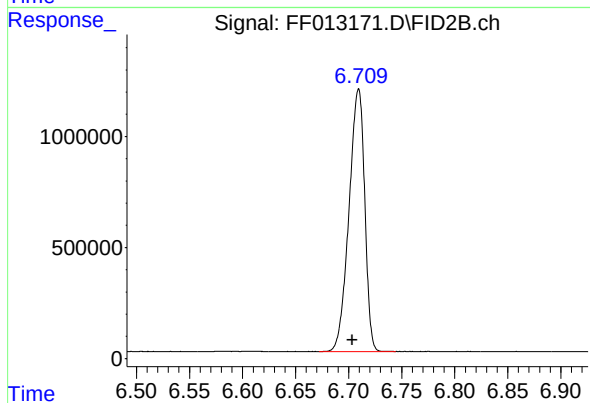
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: 0.007 min
Response: 12085042
Conc: 118.16 ug/ml



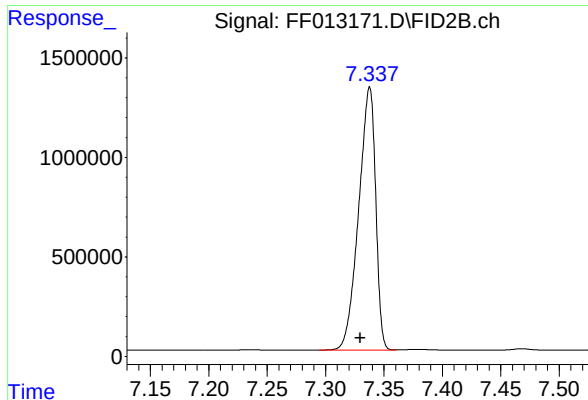
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: 0.006 min
Response: 13324061
Conc: 117.81 ug/ml



#4 n-Dodecane (C12)

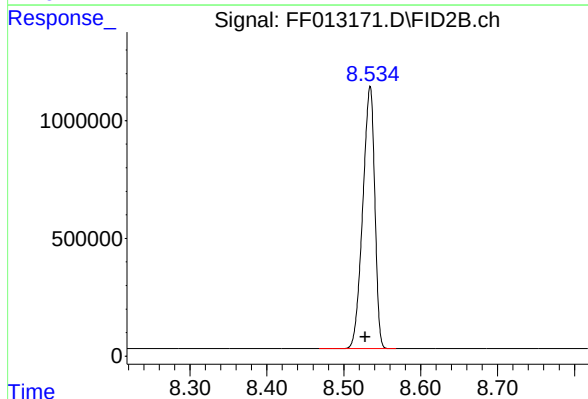
R.T.: 6.709 min
Delta R.T.: 0.006 min
Response: 12187981
Conc: 118.02 ug/ml



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

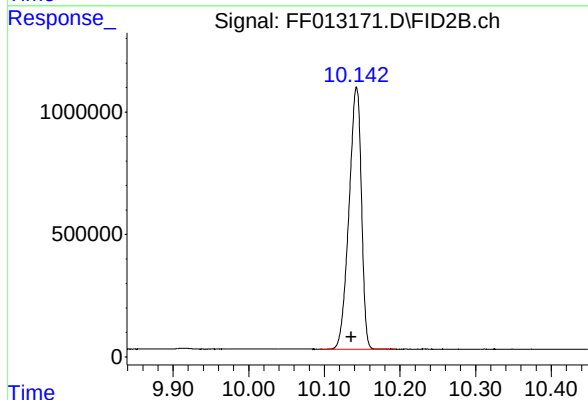
R.T.: 7.338 min
Delta R.T.: 0.008 min
Response: 13376851
Conc: 118.23 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



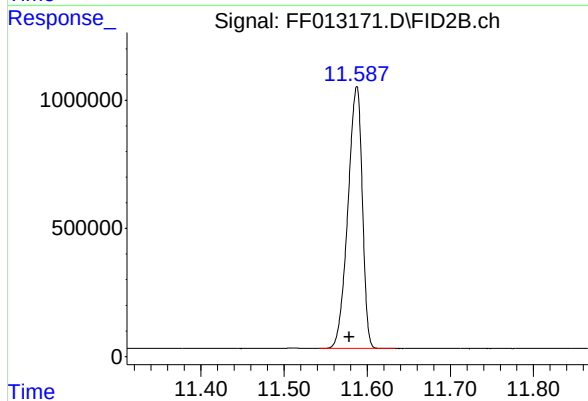
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.007 min
Response: 12127697
Conc: 117.94 ug/ml



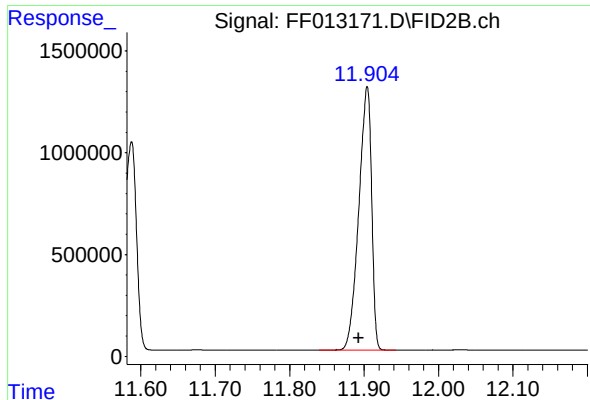
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: 0.007 min
Response: 12208317
Conc: 118.19 ug/ml



#8 n-Octadecane (C18)

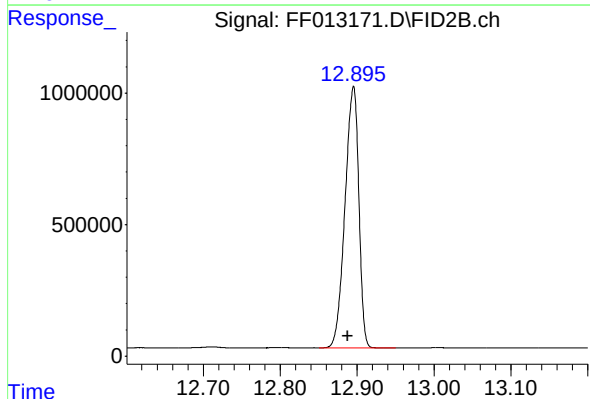
R.T.: 11.588 min
Delta R.T.: 0.009 min
Response: 12315655
Conc: 117.90 ug/ml



#9 ortho-Terphenyl (SURR)

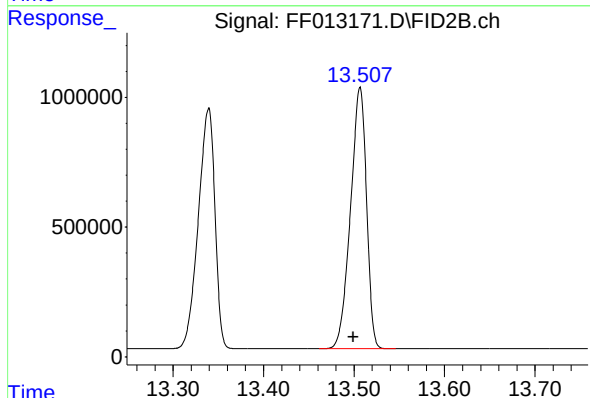
R.T.: 11.904 min
Delta R.T.: 0.011 min
Response: 15456184
Conc: 118.21 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



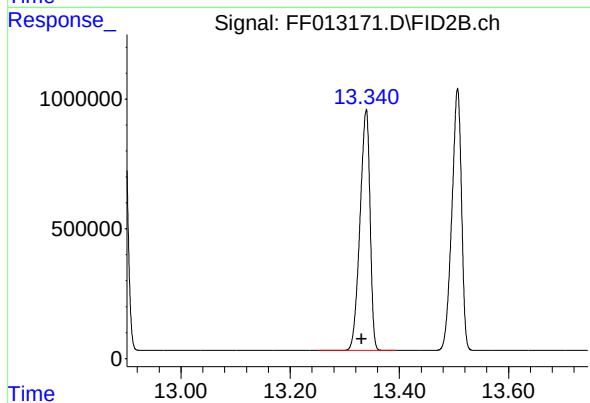
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: 0.008 min
Response: 12354295
Conc: 118.37 ug/ml



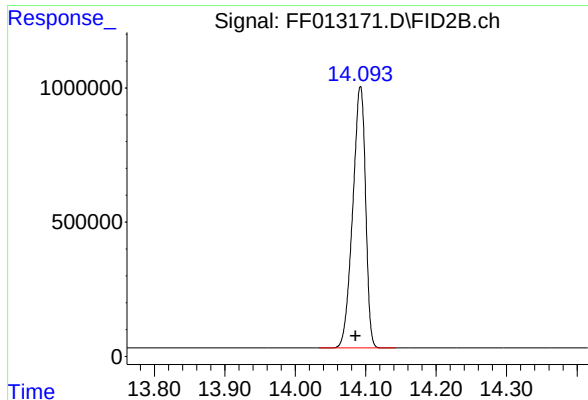
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: 0.007 min
Response: 12369257
Conc: 118.45 ug/ml



#12 1-chlorooctadecane (SURR)

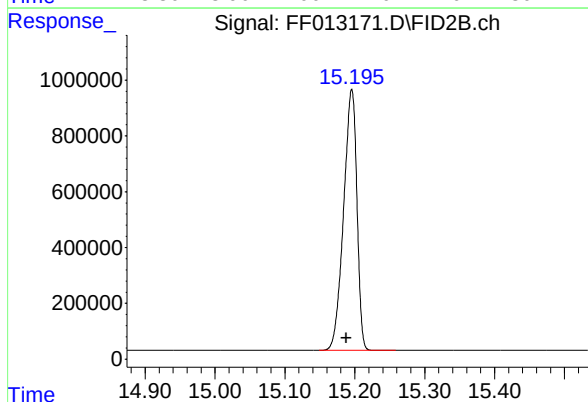
R.T.: 13.339 min
Delta R.T.: 0.008 min
Response: 11838067
Conc: 118.82 ug/ml



#13 n-Docosane (C22)

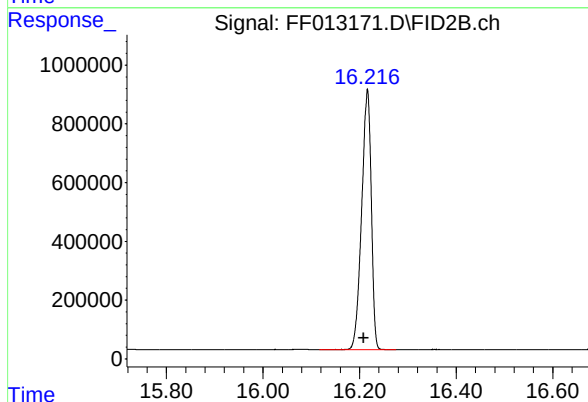
R.T.: 14.093 min
Delta R.T.: 0.007 min
Response: 12360100
Conc: 118.42 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



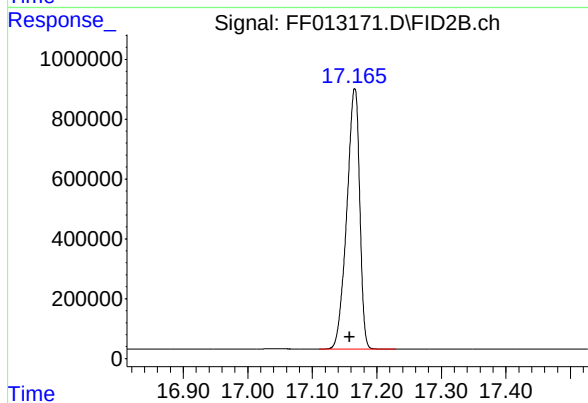
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: 0.008 min
Response: 12364022
Conc: 118.47 ug/ml



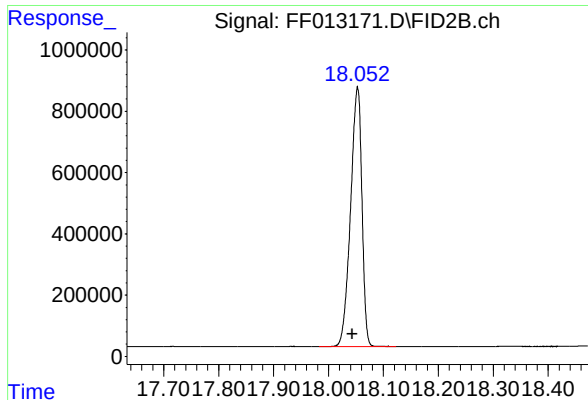
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: 0.008 min
Response: 12290496
Conc: 118.46 ug/ml



#16 n-Octacosane (C28)

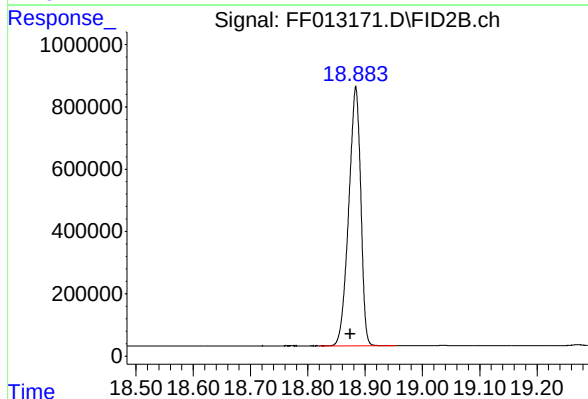
R.T.: 17.166 min
Delta R.T.: 0.008 min
Response: 12108844
Conc: 118.38 ug/ml



#17 n-Tricontane (C30)

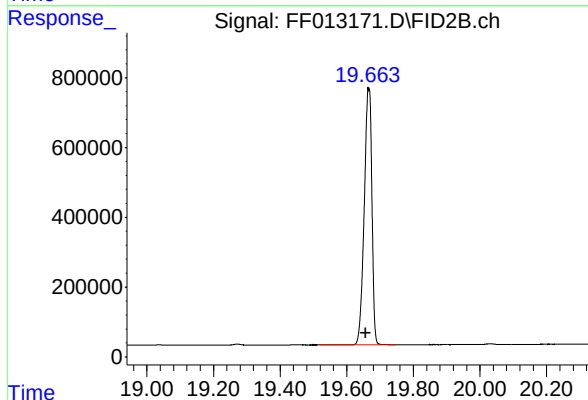
R.T.: 18.053 min
Delta R.T.: 0.010 min
Response: 12141213
Conc: 118.20 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



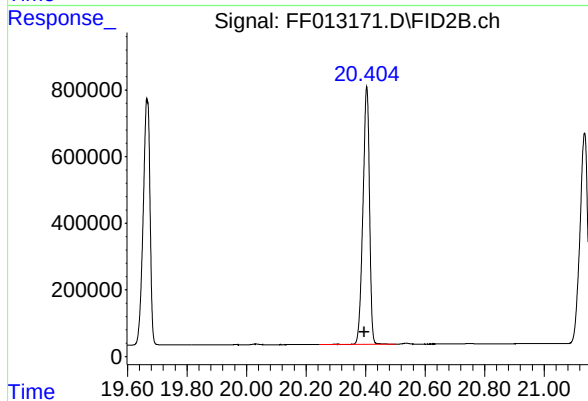
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.009 min
Response: 12107963
Conc: 115.46 ug/ml



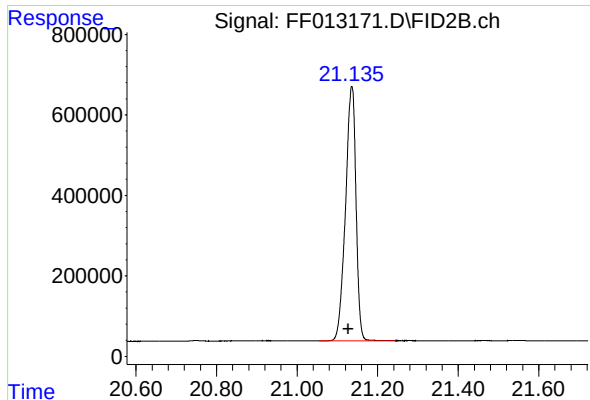
#19 n-Tetatriacontane (C34)

R.T.: 19.665 min
Delta R.T.: 0.008 min
Response: 11741381
Conc: 117.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.404 min
Delta R.T.: 0.009 min
Response: 11801839
Conc: 118.31 ug/ml



#21 n-Octatriacontane (C38)

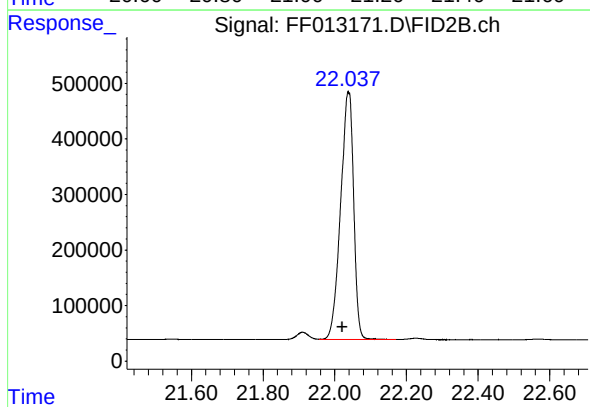
R.T.: 21.136 min
Delta R.T.: 0.009 min
Response: 11419921
Conc: 118.55 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.038 min
Delta R.T.: 0.017 min
Response: 11266253
Conc: 118.38 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013171.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 11:40
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.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	3.295	3.263	3.335	VV	1179689	12023305	77.79%	4.432%
2	4.547	4.500	4.595	BV	1166092	12085042	78.19%	4.455%
3	6.242	6.207	6.271	BV	1373876	13324061	86.21%	4.912%
4	6.709	6.672	6.745	BB	1184311	12187981	78.86%	4.493%
5	7.338	7.295	7.360	BV	1324231	13376851	86.55%	4.931%
6	8.534	8.468	8.568	BB	1114755	12127697	78.47%	4.471%
7	10.143	10.093	10.195	BB	1069638	12208317	78.99%	4.500%
8	11.588	11.542	11.635	BB	1022365	12315655	79.68%	4.540%
9	11.904	11.840	11.943	BB	1294453	15456184	100.00%	5.698%
10	12.895	12.850	12.950	BB	995427	12354295	79.93%	4.554%
11	13.339	13.253	13.394	BB	925941	11838067	76.59%	4.364%
12	13.507	13.461	13.546	BB	1009845	12369257	80.03%	4.560%
13	14.093	14.034	14.143	BB	974216	12360100	79.97%	4.556%
14	15.196	15.149	15.259	BB	935957	12364022	79.99%	4.558%
15	16.216	16.116	16.275	BB	887284	12290496	79.52%	4.531%
16	17.166	17.110	17.230	BB	868466	12108844	78.34%	4.464%
17	18.053	17.983	18.123	BB	846576	12141213	78.55%	4.476%
18	18.884	18.820	18.954	BB	832721	12107963	78.34%	4.463%
19	19.665	19.517	19.748	BB	730576	11741381	75.97%	4.328%
20	20.404	20.244	20.502	BV	772663	11801839	76.36%	4.351%
21	21.136	21.055	21.245	BB	631778	11419921	73.89%	4.210%
22	22.038	21.956	22.171	VV	446341	11266253	72.89%	4.153%
Sum of corrected areas:						271268745		

Aliphatic EPH 081023.M Thu Aug 10 16:09:51 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013172.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 12:10
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 10 16:01:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
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Compound	R.T.	Response	Conc Units

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12) S 1-chlorooctadecane (S...	13.334	5069179	50.880 ug/ml
Spiked Amount 50.000		Recovery =	101.76%
Target Compounds			
1) T n-Nonane (C9)	3.287	5135773	50.333 ug/ml
2) T n-Decane (C10)	4.541	5158998	50.442 ug/ml
3) T A~Naphthalene (C11.7)	6.238	5712981	50.513 ug/ml
4) T n-Dodecane (C12)	6.705	5223134	50.578 ug/ml
5) T A~2-methylnaphthalene...	7.332	5728412	50.630 ug/ml
6) T n-Tetradecane (C14)	8.530	5203313	50.603 ug/ml
7) T n-Hexadecane (C16)	10.138	5239019	50.718 ug/ml
8) T n-Octadecane (C18)	11.581	5284443	50.590 ug/ml
10) T n-Eicosane (C20)	12.890	5297076	50.751 ug/ml
11) T n-Heneicosane (C21)	13.502	5305204	50.804 ug/ml
13) T n-Docosane (C22)	14.088	5299809	50.776 ug/ml
14) T n-Tetracosane (C24)	15.190	5296499	50.750 ug/ml
15) T n-Hexacosane (C26)	16.211	5263842	50.733 ug/ml
16) T n-Octacosane (C28)	17.160	5188215	50.722 ug/ml
17) T n-Tricontane (C30)	18.046	5204120	50.664 ug/ml
18) T n-Dotriacontane (C32)	18.878	5193553	49.527 ug/ml
19) T n-Tetratriacontane (C34)	19.661	5008357	50.327 ug/ml
20) T n-Hexatriacontane (C36)	20.399	5009885	50.223 ug/ml
21) T n-Octatriacontane (C38)	21.129	4818751	50.022 ug/ml
22) T n-Tetracontane (C40)	22.027	4735512	49.756 ug/ml

(f)=RT Delta > 1/2 Window

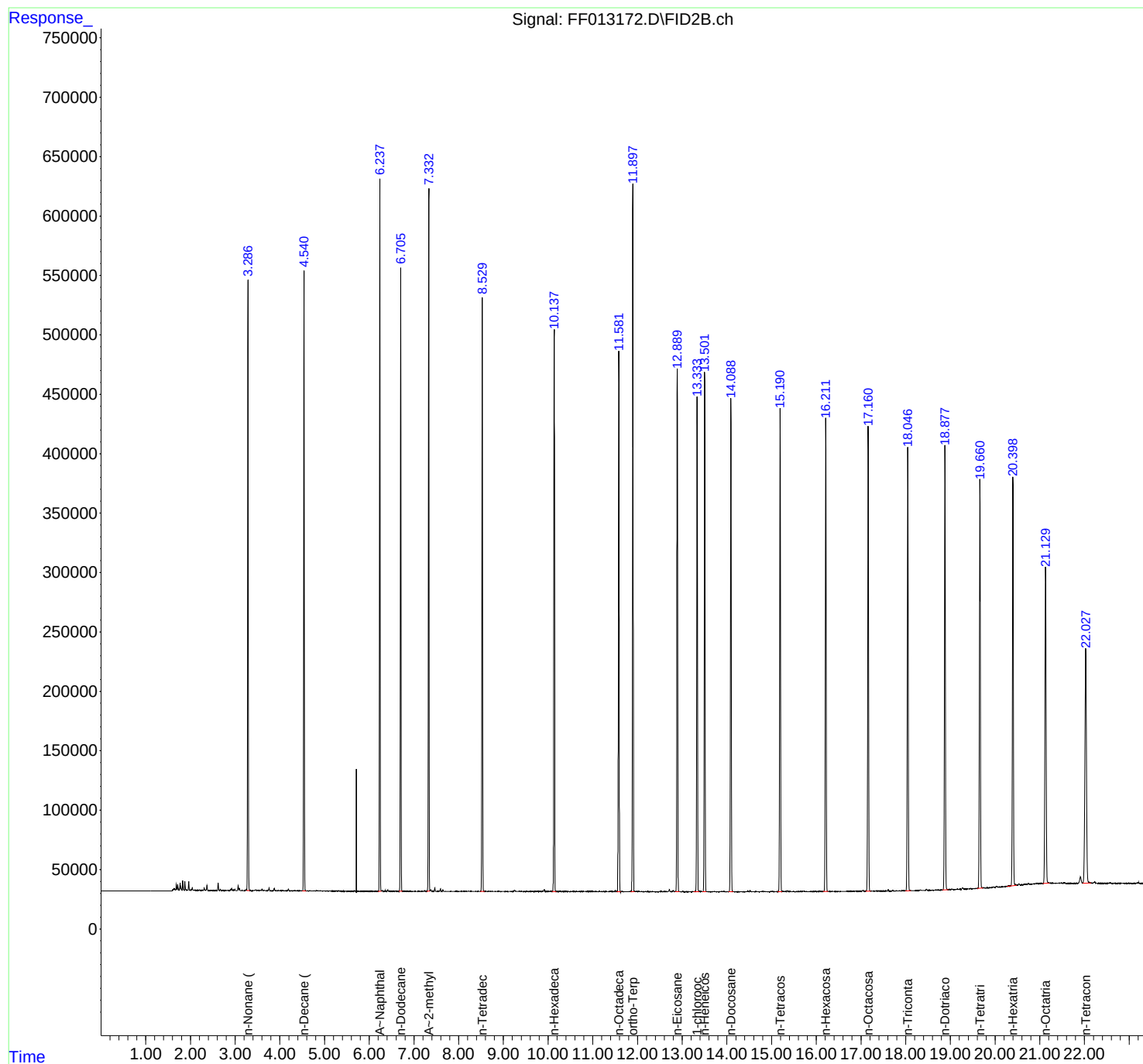
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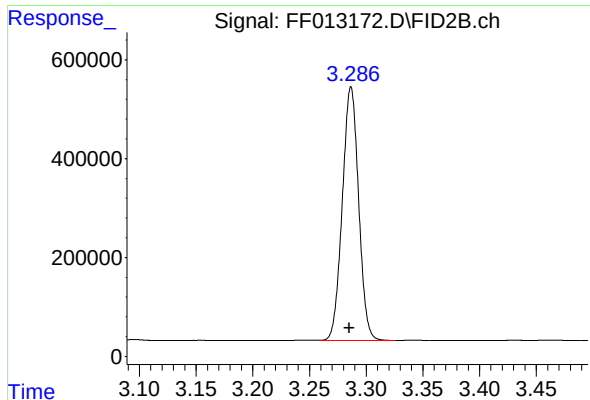
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
Data File : FF013172.D
Signal(s) : FID2B.ch
Acq On : 10 Aug 2023 12:10
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Aug 10 16:01:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
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Signal Info : 20M x 0.18mm x 0.18um

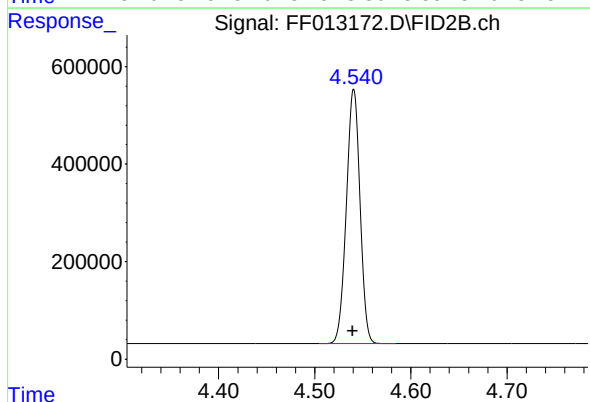




#1 n-Nonane (C9)

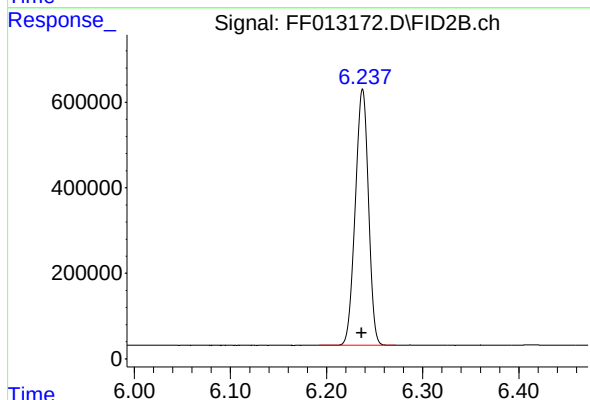
R.T.: 3.287 min
Delta R.T.: 0.002 min
Response: 5135773
Conc: 50.33 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



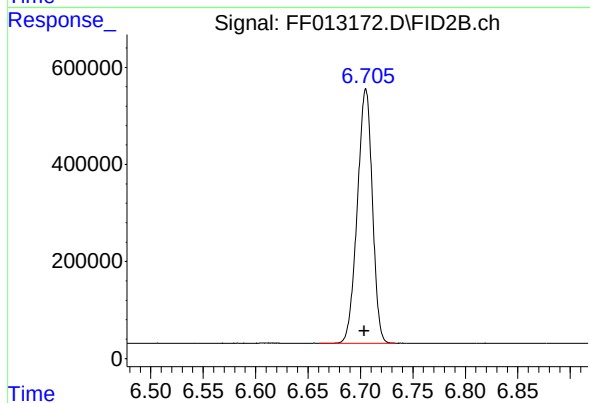
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.001 min
Response: 5158998
Conc: 50.44 ug/ml



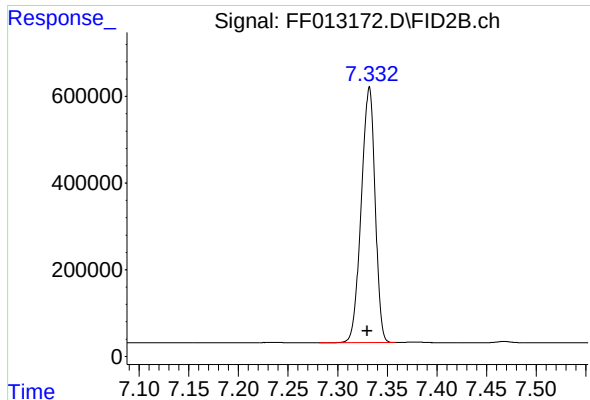
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: 0.001 min
Response: 5712981
Conc: 50.51 ug/ml



#4 n-Dodecane (C12)

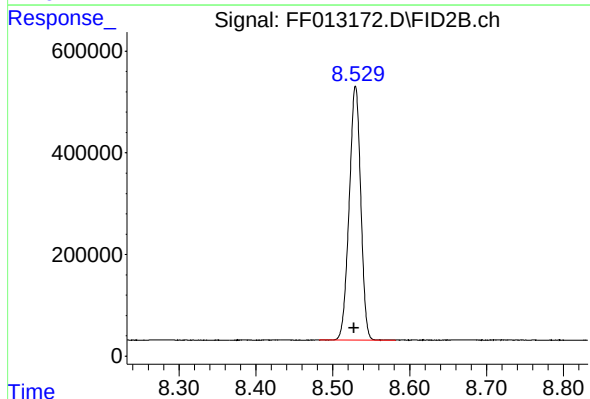
R.T.: 6.705 min
Delta R.T.: 0.002 min
Response: 5223134
Conc: 50.58 ug/ml



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

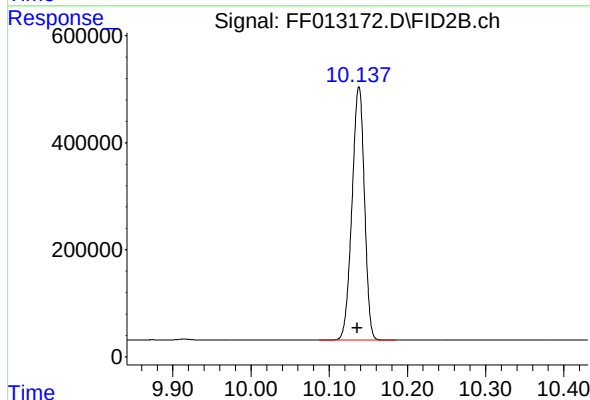
R.T.: 7.332 min
Delta R.T.: 0.002 min
Response: 5728412
Conc: 50.63 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



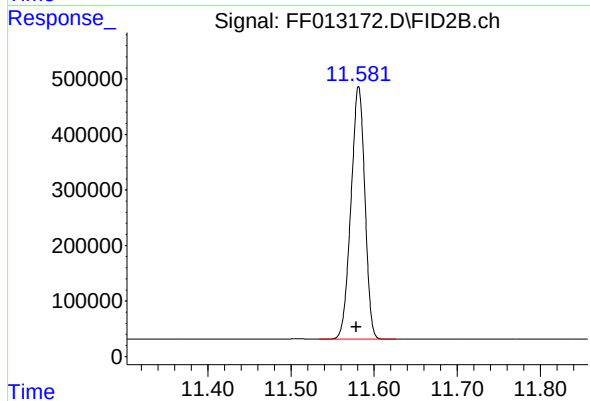
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: 0.002 min
Response: 5203313
Conc: 50.60 ug/ml



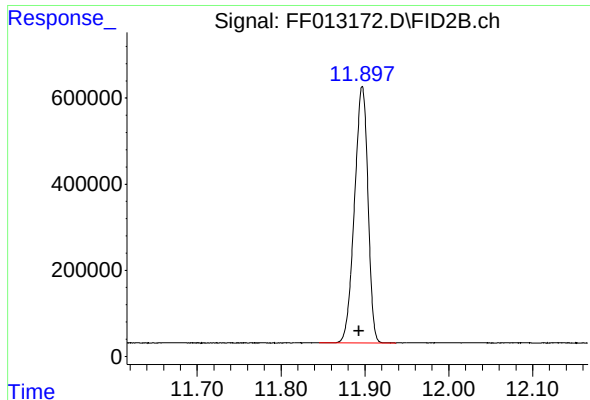
#7 n-Hexadecane (C16)

R.T.: 10.138 min
Delta R.T.: 0.003 min
Response: 5239019
Conc: 50.72 ug/ml



#8 n-Octadecane (C18)

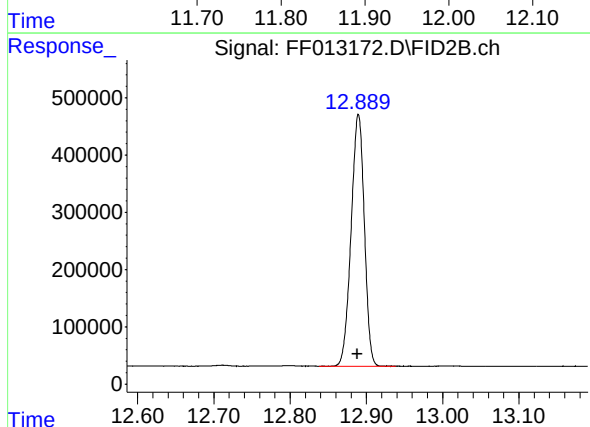
R.T.: 11.581 min
Delta R.T.: 0.003 min
Response: 5284443
Conc: 50.59 ug/ml



#9 ortho-Terphenyl (SURR)

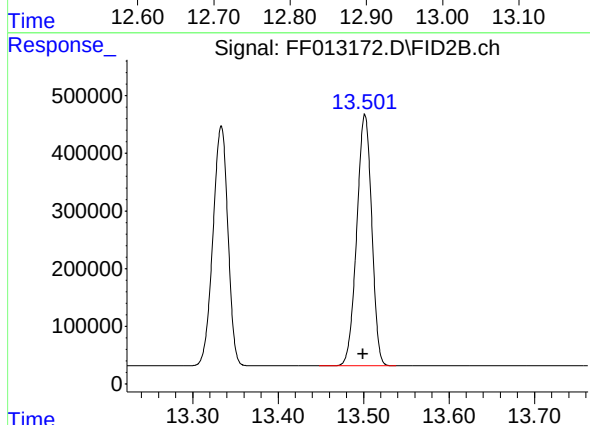
R.T.: 11.897 min
Delta R.T.: 0.004 min
Response: 6630870
Conc: 50.71 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



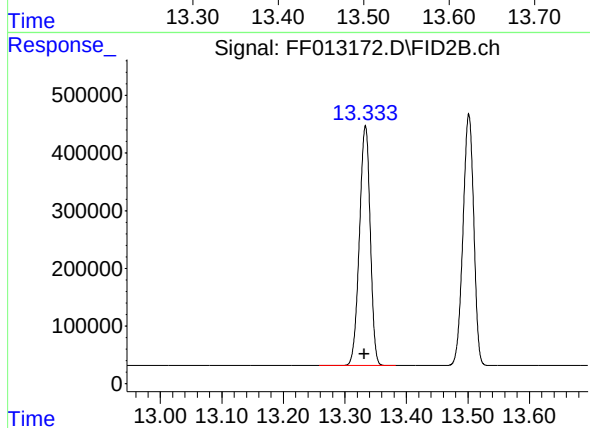
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: 0.002 min
Response: 5297076
Conc: 50.75 ug/ml



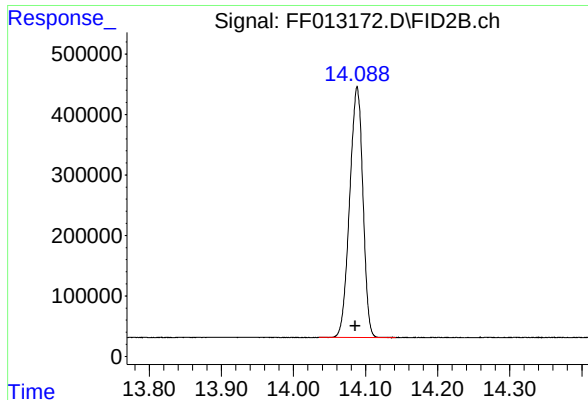
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: 0.002 min
Response: 5305204
Conc: 50.80 ug/ml



#12 1-chlorooctadecane (SURR)

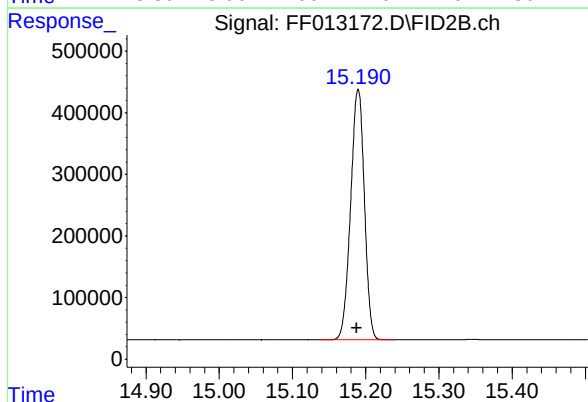
R.T.: 13.334 min
Delta R.T.: 0.002 min
Response: 5069179
Conc: 50.88 ug/ml



#13 n-Docosane (C22)

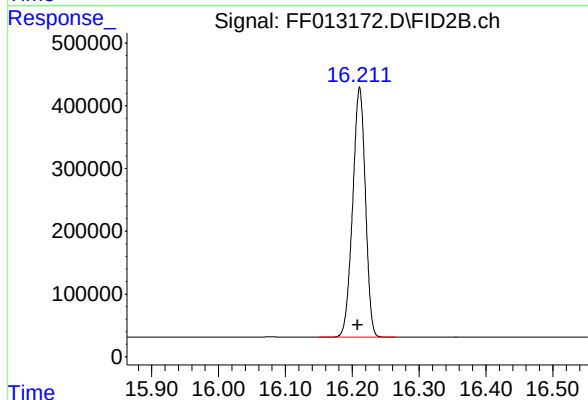
R.T.: 14.088 min
Delta R.T.: 0.003 min
Response: 5299809
Conc: 50.78 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



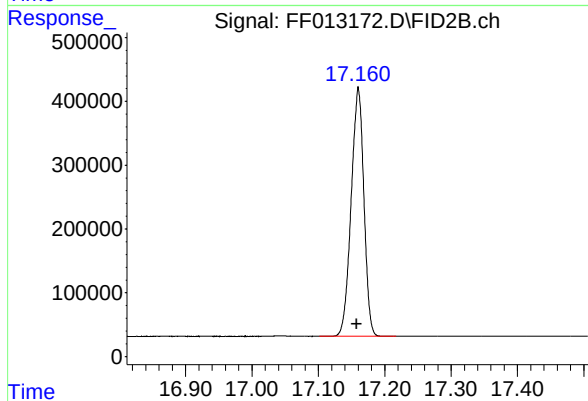
#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: 0.002 min
Response: 5296499
Conc: 50.75 ug/ml



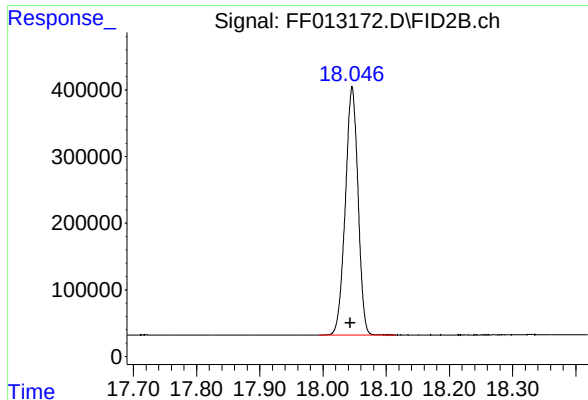
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: 0.002 min
Response: 5263842
Conc: 50.73 ug/ml



#16 n-Octacosane (C28)

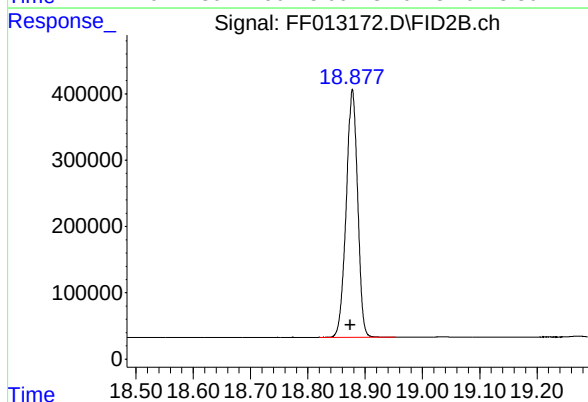
R.T.: 17.160 min
Delta R.T.: 0.003 min
Response: 5188215
Conc: 50.72 ug/ml



#17 n-Tricontane (C30)

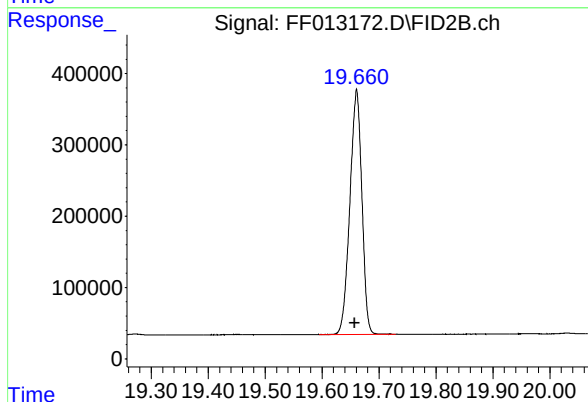
R.T.: 18.046 min
Delta R.T.: 0.003 min
Response: 5204120
Conc: 50.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



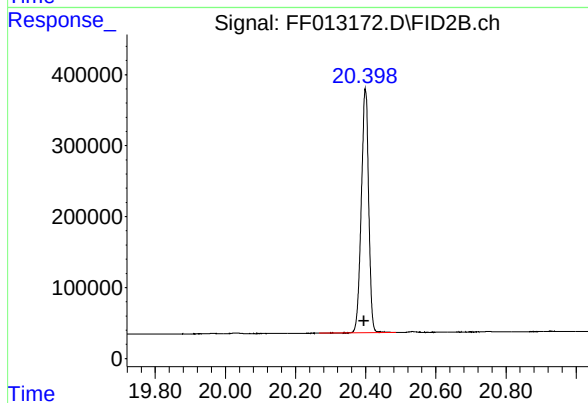
#18 n-Dotriacontane (C32)

R.T.: 18.878 min
Delta R.T.: 0.004 min
Response: 5193553
Conc: 49.53 ug/ml



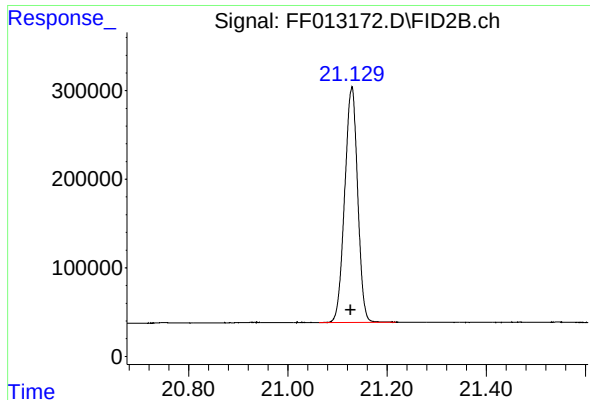
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: 0.003 min
Response: 5008357
Conc: 50.33 ug/ml



#20 n-Hexatriacontane (C36)

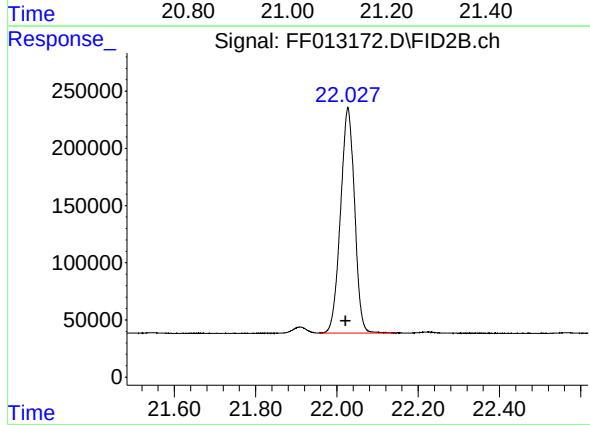
R.T.: 20.399 min
Delta R.T.: 0.004 min
Response: 5009885
Conc: 50.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: 0.003 min
Response: 4818751
Conc: 50.02 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: 0.006 min
Response: 4735512
Conc: 49.76 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013172.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 12:10
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.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	3.287	3.258	3.326	VV	513801	5135773	77.45%	4.427%
2	4.541	4.505	4.585	BB	521988	5158998	77.80%	4.447%
3	6.238	6.192	6.272	BV	599425	5712981	86.16%	4.925%
4	6.705	6.660	6.734	BB	524585	5223134	78.77%	4.502%
5	7.332	7.281	7.359	BV	591069	5728412	86.39%	4.938%
6	8.530	8.482	8.582	BB	499487	5203313	78.47%	4.485%
7	10.138	10.087	10.185	BB	473492	5239019	79.01%	4.516%
8	11.581	11.534	11.626	BB	454776	5284443	79.69%	4.555%
9	11.897	11.845	11.937	BB	595770	6630870	100.00%	5.716%
10	12.890	12.838	12.939	BB	439684	5297076	79.89%	4.566%
11	13.334	13.258	13.383	BB	416252	5069179	76.45%	4.370%
12	13.502	13.448	13.538	BB	436701	5305204	80.01%	4.573%
13	14.088	14.035	14.142	BB	415419	5299809	79.93%	4.569%
14	15.190	15.136	15.241	BB	406434	5296499	79.88%	4.566%
15	16.211	16.150	16.265	BB	398248	5263842	79.38%	4.538%
16	17.160	17.101	17.217	BB	389892	5188215	78.24%	4.472%
17	18.046	17.994	18.115	BB	372686	5204120	78.48%	4.486%
18	18.878	18.820	18.954	BB	373898	5193553	78.32%	4.477%
19	19.661	19.595	19.730	BB	343194	5008357	75.53%	4.317%
20	20.399	20.267	20.486	BB	342894	5009885	75.55%	4.319%
21	21.129	21.063	21.218	BB	266160	4818751	72.67%	4.154%
22	22.027	21.956	22.145	VB	197560	4735512	71.42%	4.082%
Sum of corrected areas:						116006945		

Aliphatic EPH 081023.M Thu Aug 10 16:10:27 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013173.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 12:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Aug 10 16:02:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:01:11 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.893	2614974	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.331	1992587	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.285	2040705	20.000 ug/ml
2) T n-Decane (C10)	4.540	2045505	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.236	2261971	20.000 ug/ml
4) T n-Dodecane (C12)	6.704	2065384	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.330	2262870	20.000 ug/ml
6) T n-Tetradecane (C14)	8.528	2056511	20.000 ug/ml
7) T n-Hexadecane (C16)	10.136	2065940	20.000 ug/ml
8) T n-Octadecane (C18)	11.579	2089138	20.000 ug/ml
10) T n-Eicosane (C20)	12.888	2087460	20.000 ug/ml
11) T n-Heneicosane (C21)	13.499	2088494	20.000 ug/ml
13) T n-Docosane (C22)	14.086	2087506	20.000 ug/ml
14) T n-Tetracosane (C24)	15.188	2087275	20.000 ug/ml
15) T n-Hexacosane (C26)	16.209	2075130	20.000 ug/ml
16) T n-Octacosane (C28)	17.158	2045761	20.000 ug/ml
17) T n-Tricontane (C30)	18.043	2054348	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.874	2097255	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.657	1990324	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.395	1995062	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.127	1926663	20.000 ug/ml
22) T n-Tetracontane (C40)	22.021	1903475	20.000 ug/ml

(f)=RT Delta > 1/2 Window

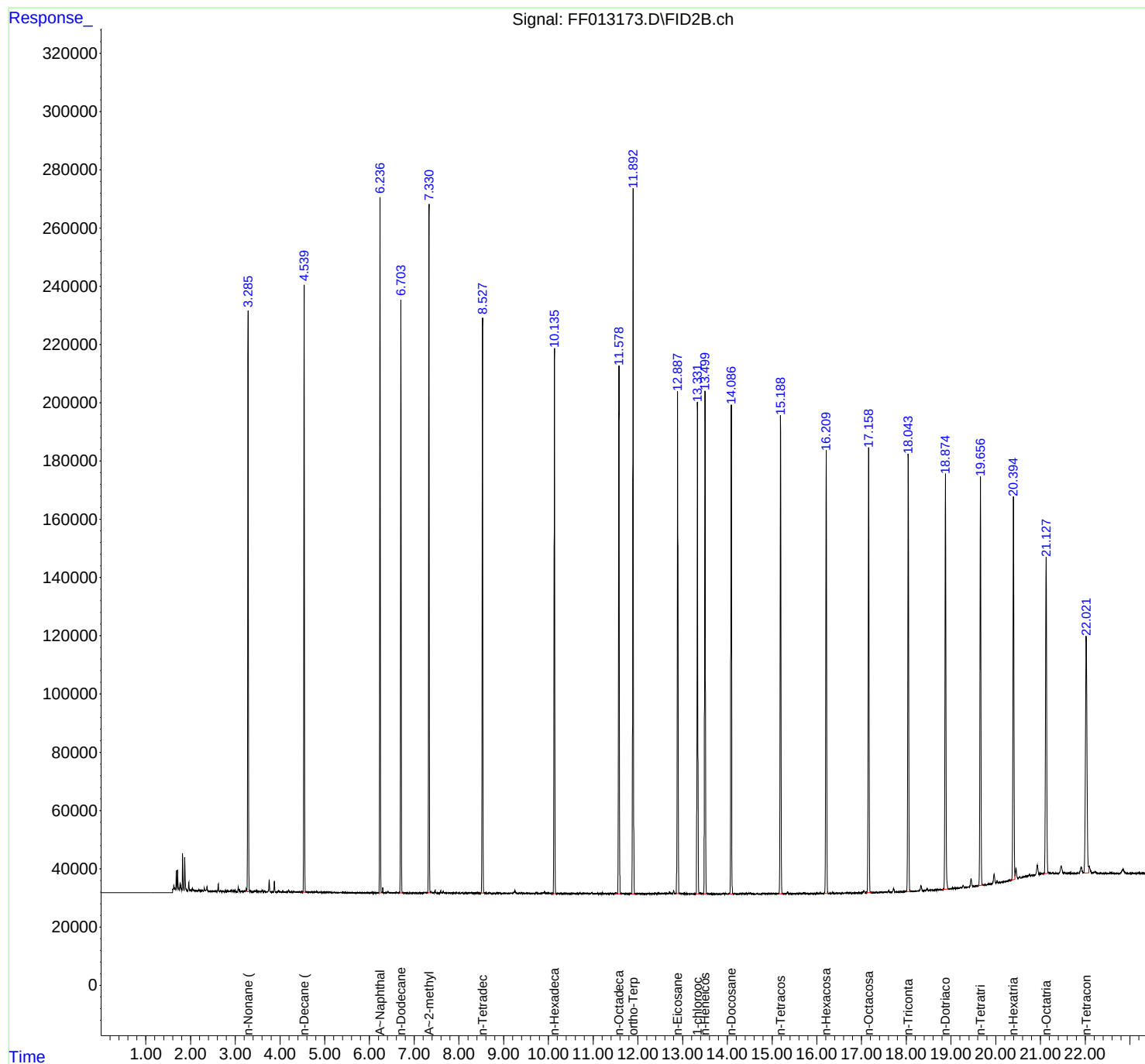
(m)=manual int.

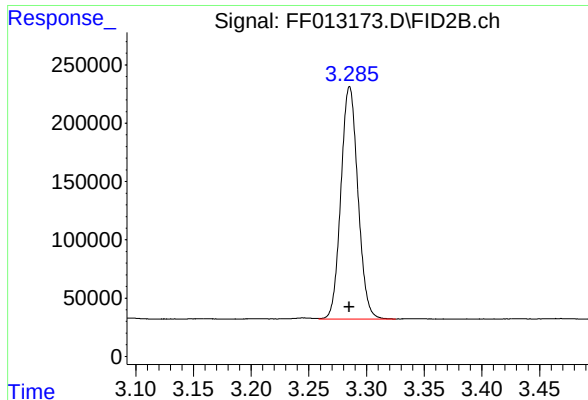
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
Data File : FF013173.D
Signal(s) : FID2B.ch
Acq On : 10 Aug 2023 12:40
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Aug 10 16:02:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
Quant Title : GC Extractables
QLast Update : Thu Aug 10 16:01:11 2023
Response via : Initial Calibration
Integrator: ChemStation

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

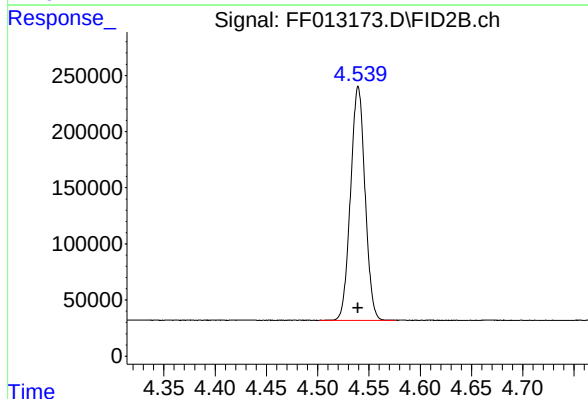




#1 n-Nonane (C9)

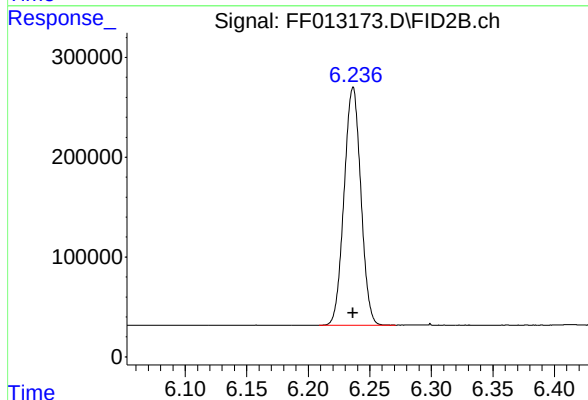
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2040705
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



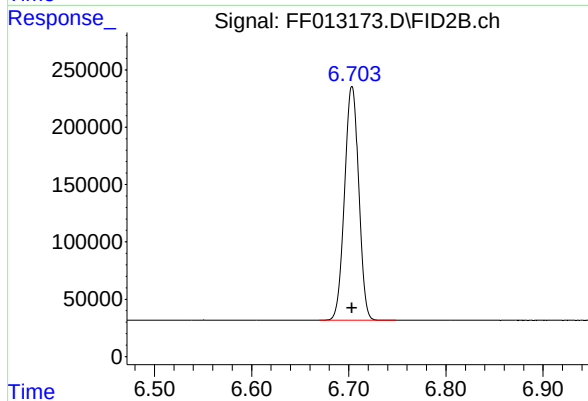
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 2045505
Conc: 20.00 ug/ml



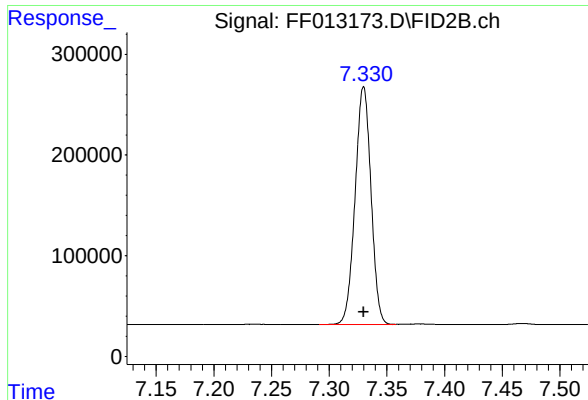
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 2261971
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

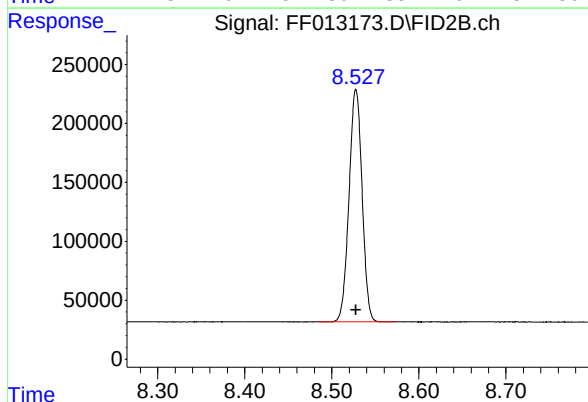
R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 2065384
Conc: 20.00 ug/ml



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

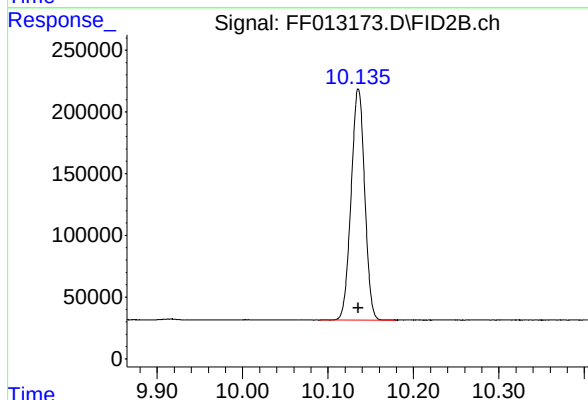
R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 2262870
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



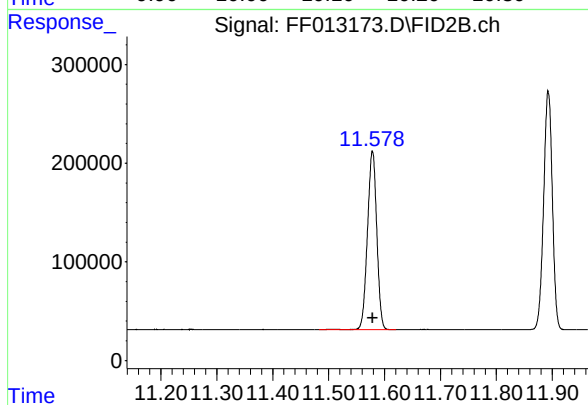
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: 0.000 min
Response: 2056511
Conc: 20.00 ug/ml



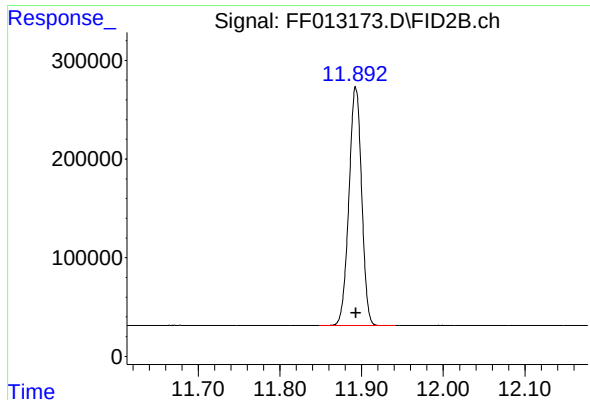
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: 0.000 min
Response: 2065940
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

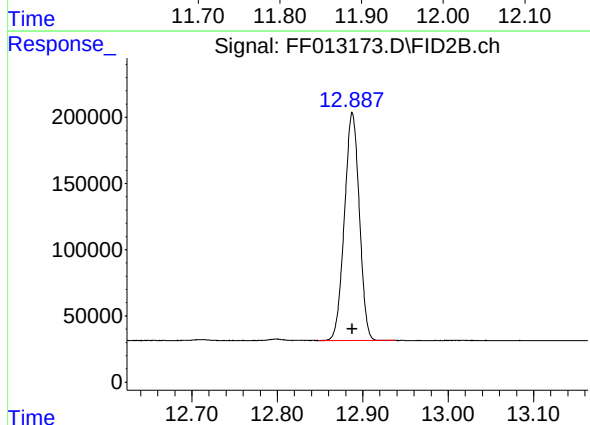
R.T.: 11.579 min
Delta R.T.: 0.000 min
Response: 2089138
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

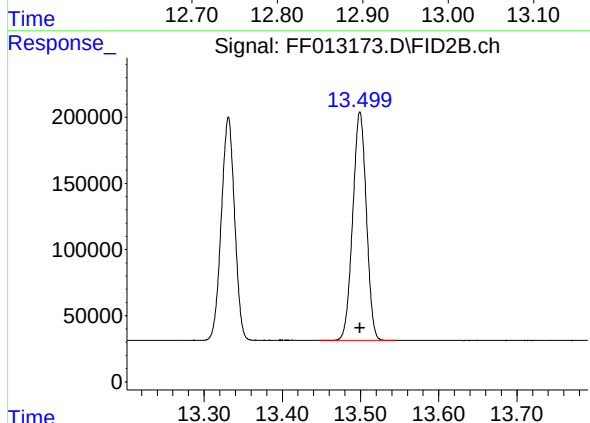
R.T.: 11.893 min
Delta R.T.: 0.000 min
Response: 2614974
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



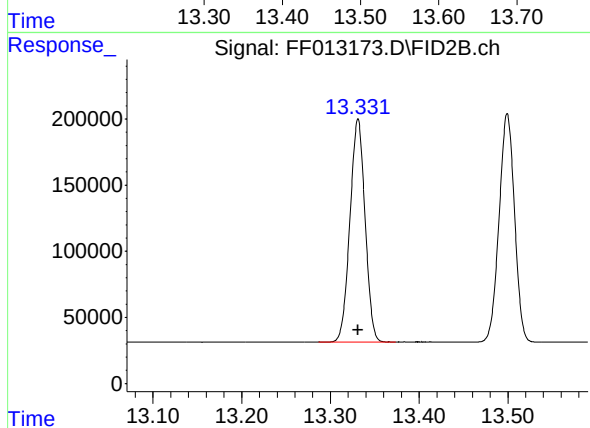
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: 0.000 min
Response: 2087460
Conc: 20.00 ug/ml



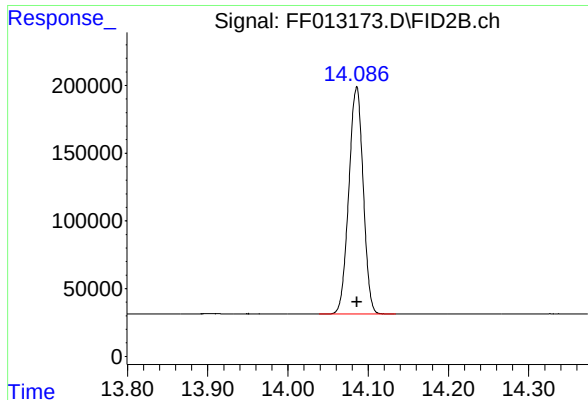
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: 0.000 min
Response: 2088494
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

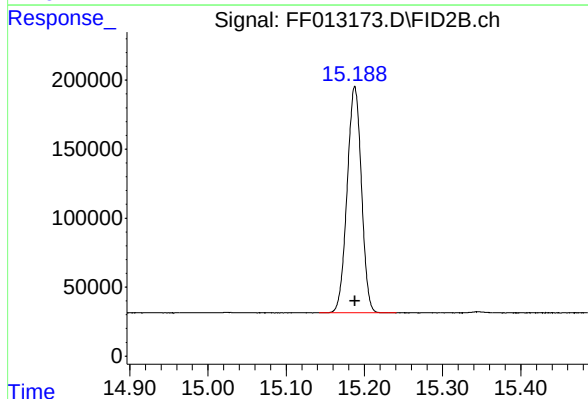
R.T.: 13.331 min
Delta R.T.: 0.000 min
Response: 1992587
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

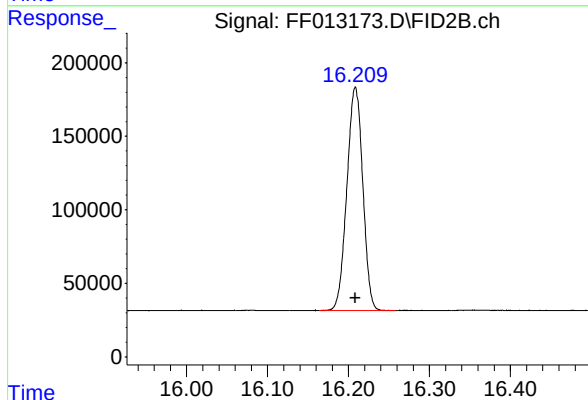
R.T.: 14.086 min
Delta R.T.: 0.000 min
Response: 2087506
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



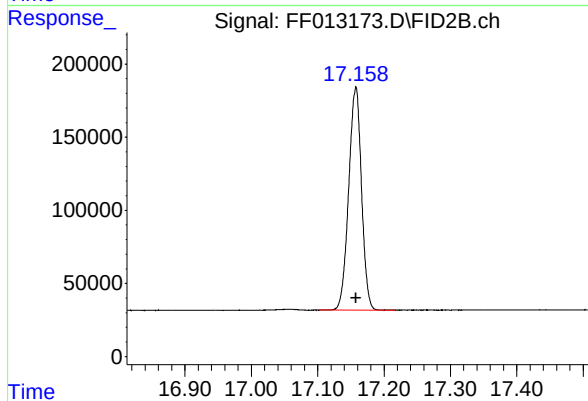
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: 0.000 min
Response: 2087275
Conc: 20.00 ug/ml



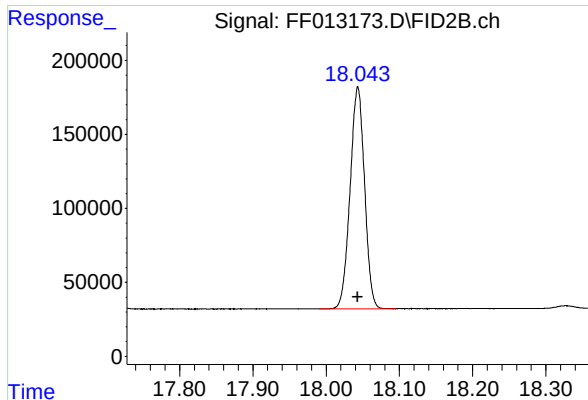
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: 0.000 min
Response: 2075130
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

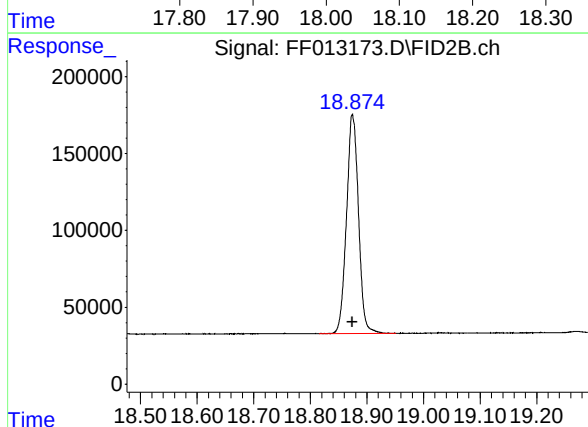
R.T.: 17.158 min
Delta R.T.: 0.000 min
Response: 2045761
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

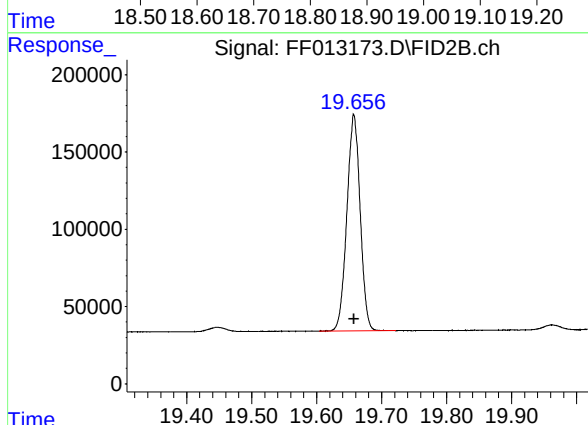
R.T.: 18.043 min
Delta R.T.: 0.000 min
Response: 2054348
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



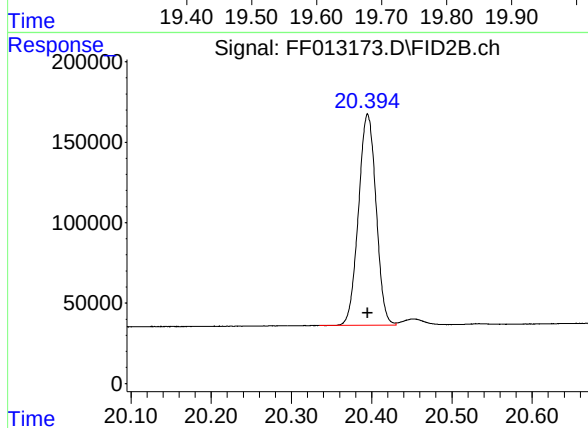
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: 0.000 min
Response: 2097255
Conc: 20.00 ug/ml



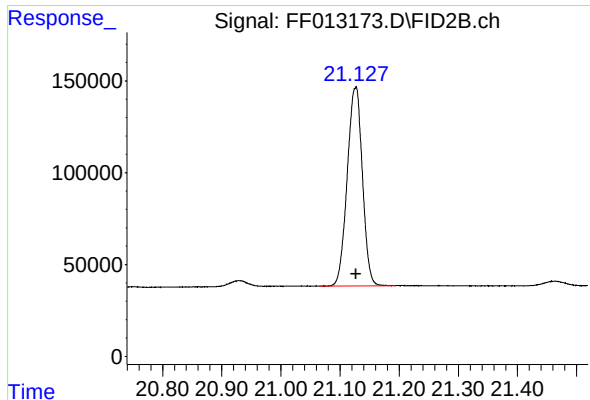
#19 n-Tetatriacontane (C34)

R.T.: 19.657 min
Delta R.T.: 0.000 min
Response: 1990324
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

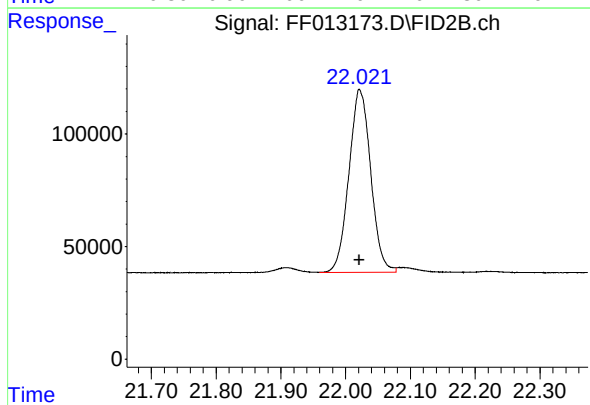
R.T.: 20.395 min
Delta R.T.: 0.000 min
Response: 1995062
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: 0.000 min
Response: 1926663
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: 0.000 min
Response: 1903475
Conc: 20.00 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013173.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 12:40
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.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	3.285	3.259	3.325	VB	199465	2040705	78.04%	4.443%
2	4.540	4.501	4.576	BB	208442	2045505	78.22%	4.453%
3	6.236	6.209	6.271	BB	238368	2261971	86.50%	4.924%
4	6.704	6.670	6.749	BB	203798	2065384	78.98%	4.496%
5	7.330	7.291	7.358	BV	236097	2262870	86.54%	4.926%
6	8.528	8.485	8.574	BB	197361	2056511	78.64%	4.477%
7	10.136	10.090	10.180	BB	187227	2065940	79.00%	4.498%
8	11.579	11.483	11.620	BB	180452	2089138	79.89%	4.548%
9	11.893	11.848	11.942	BB	240832	2614974	100.00%	5.693%
10	12.888	12.849	12.939	BB	172063	2087460	79.83%	4.544%
11	13.331	13.287	13.374	BB	168770	1992587	76.20%	4.338%
12	13.499	13.447	13.545	BB	172705	2088494	79.87%	4.547%
13	14.086	14.039	14.135	BB	168032	2087506	79.83%	4.545%
14	15.188	15.142	15.240	BB	164147	2087275	79.82%	4.544%
15	16.209	16.164	16.259	BB	152040	2075130	79.36%	4.518%
16	17.158	17.102	17.218	BB	152954	2045761	78.23%	4.454%
17	18.043	17.990	18.095	BB	149927	2054348	78.56%	4.472%
18	18.874	18.815	18.951	BB	142555	2097255	80.20%	4.566%
19	19.657	19.604	19.722	BB	140099	1990324	76.11%	4.333%
20	20.395	20.335	20.430	BV	131338	1995062	76.29%	4.343%
21	21.127	21.065	21.195	BB	108269	1926663	73.68%	4.194%
22	22.021	21.959	22.078	VV	81367	1903475	72.79%	4.144%
Sum of corrected areas:							45934336	

Aliphatic EPH 081023.M Thu Aug 10 16:10:57 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013174.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 13:10
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 10 16:02:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:01:11 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.891	1345468	10.290 ug/ml
Spiked Amount 50.000		Recovery =	20.58%
12) S 1-chlorooctadecane (S...	13.330	1024863	10.287 ug/ml
Spiked Amount 50.000		Recovery =	20.57%
Target Compounds			
1) T n-Nonane (C9)	3.285	1048586	10.277 ug/ml
2) T n-Decane (C10)	4.538	1051518	10.281 ug/ml
3) T A~Naphthalene (C11.7)	6.236	1159549	10.253 ug/ml
4) T n-Dodecane (C12)	6.703	1060936	10.273 ug/ml
5) T A~2-methylnaphthalene...	7.329	1159503	10.248 ug/ml
6) T n-Tetradecane (C14)	8.528	1058936	10.298 ug/ml
7) T n-Hexadecane (C16)	10.135	1061540	10.277 ug/ml
8) T n-Octadecane (C18)	11.578	1073559	10.278 ug/ml
10) T n-Eicosane (C20)	12.887	1076058	10.310 ug/ml
11) T n-Heneicosane (C21)	13.498	1077716	10.321 ug/ml
13) T n-Docosane (C22)	14.084	1076343	10.312 ug/ml
14) T n-Tetracosane (C24)	15.187	1077743	10.327 ug/ml
15) T n-Hexacosane (C26)	16.207	1071841	10.330 ug/ml
16) T n-Octacosane (C28)	17.156	1059055	10.354 ug/ml
17) T n-Tricontane (C30)	18.044	1073004	10.446 ug/ml
18) T n-Dotriacontane (C32)	18.874	1080236	10.301 ug/ml
19) T n-Tetratriacontane (C34)	19.657	1028228	10.332 ug/ml
20) T n-Hexatriacontane (C36)	20.395	1014122	10.166 ug/ml
21) T n-Octatriacontane (C38)	21.123	978711	10.160 ug/ml
22) T n-Tetracontane (C40)	22.022	966434	10.154 ug/ml

(f)=RT Delta > 1/2 Window

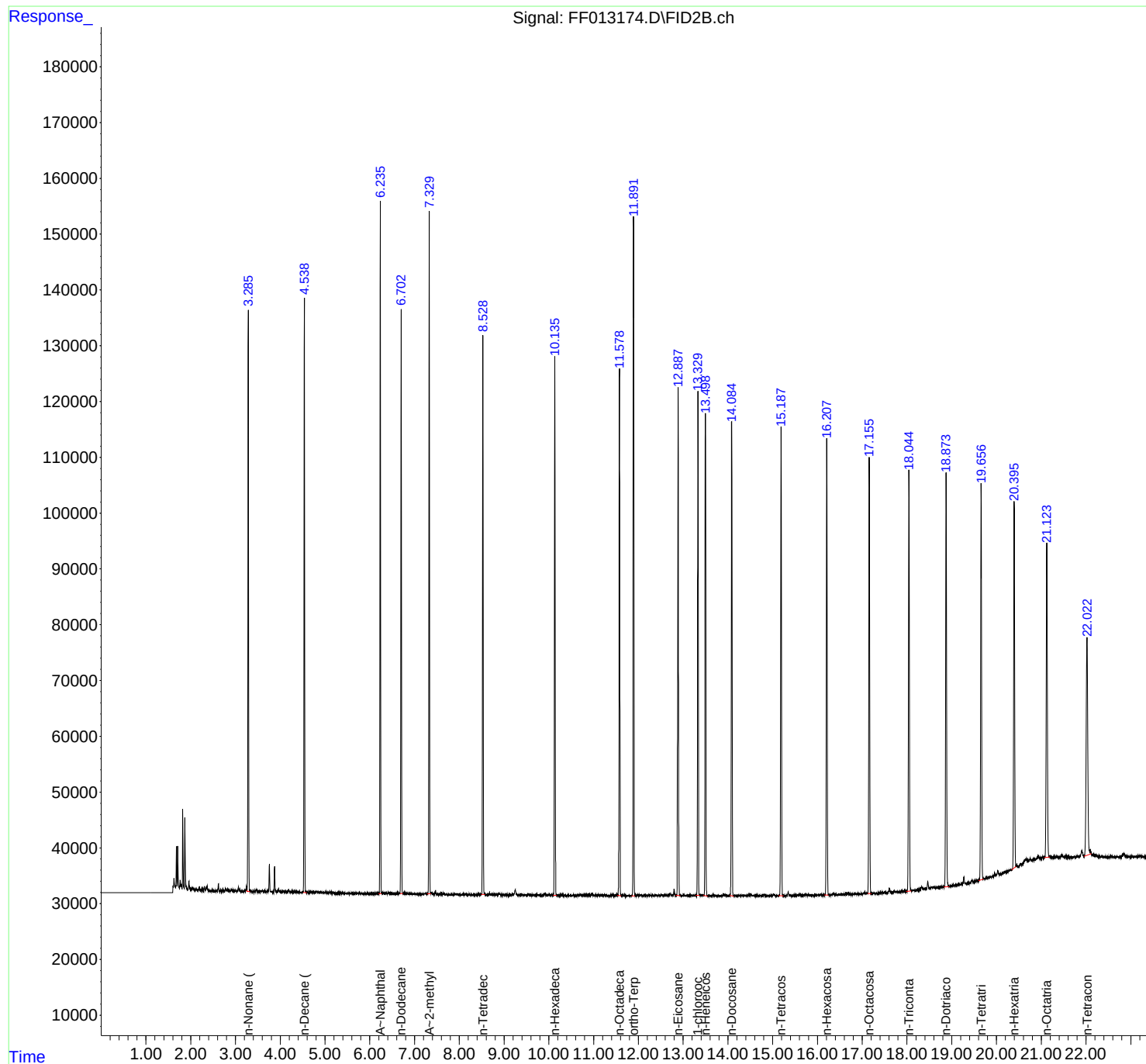
(m)=manual int.

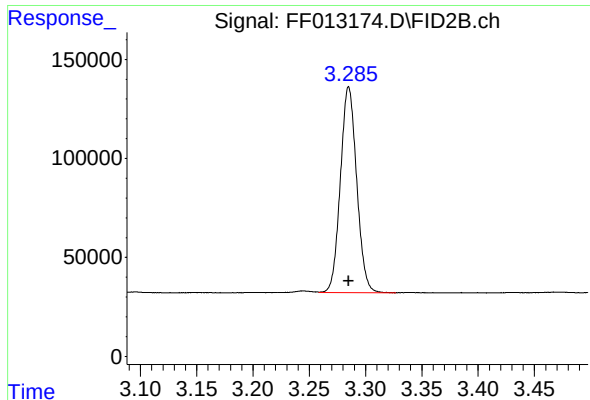
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
Data File : FF013174.D
Signal(s) : FID2B.ch
Acq On : 10 Aug 2023 13:10
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Aug 10 16:02:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
Quant Title : GC Extractables
QLast Update : Thu Aug 10 16:01:11 2023
Response via : Initial Calibration
Integrator: ChemStation

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

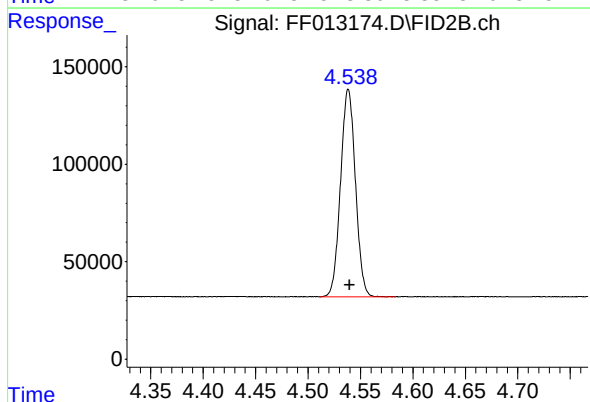




#1 n-Nonane (C9)

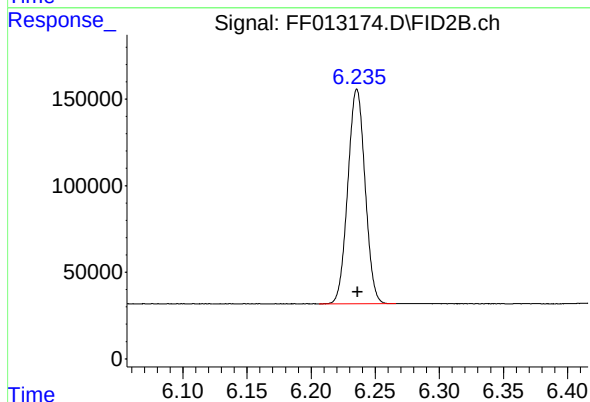
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 1048586
Conc: 10.28 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



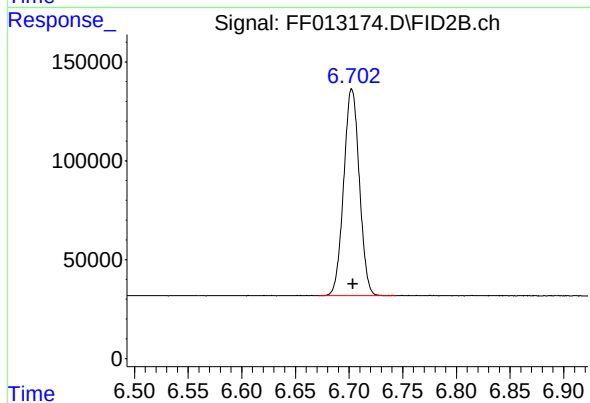
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 1051518
Conc: 10.28 ug/ml



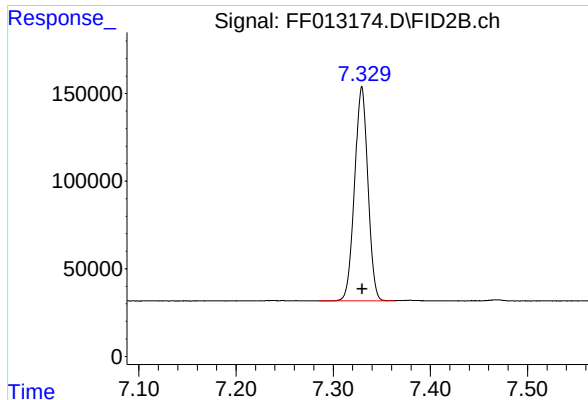
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: 0.000 min
Response: 1159549
Conc: 10.25 ug/ml



#4 n-Dodecane (C12)

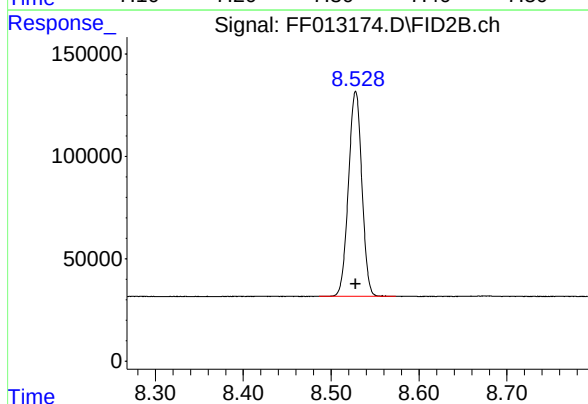
R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 1060936
Conc: 10.27 ug/ml



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

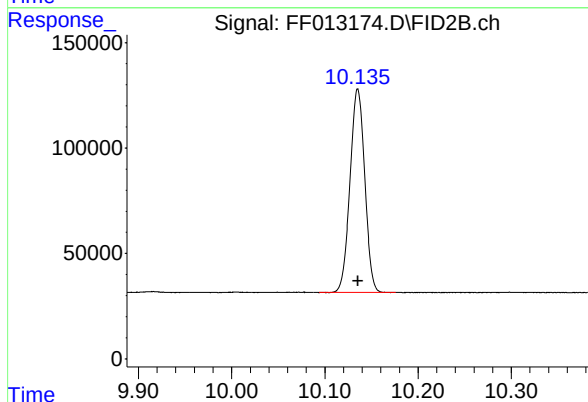
R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 1159503
Conc: 10.25 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



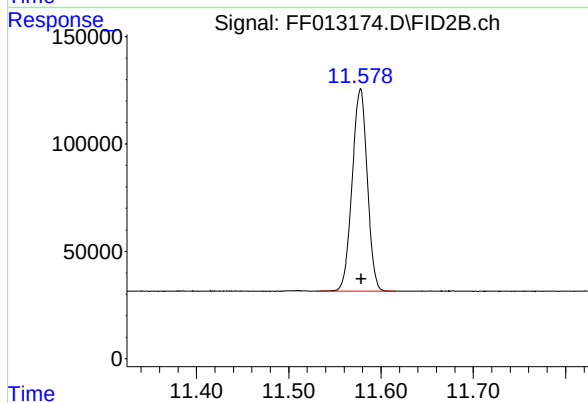
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: 0.000 min
Response: 1058936
Conc: 10.30 ug/ml



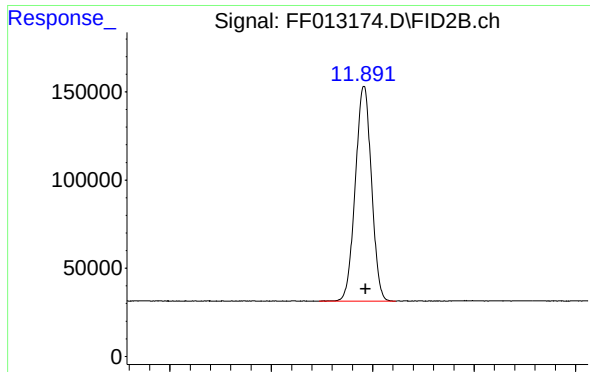
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: 0.000 min
Response: 1061540
Conc: 10.28 ug/ml



#8 n-Octadecane (C18)

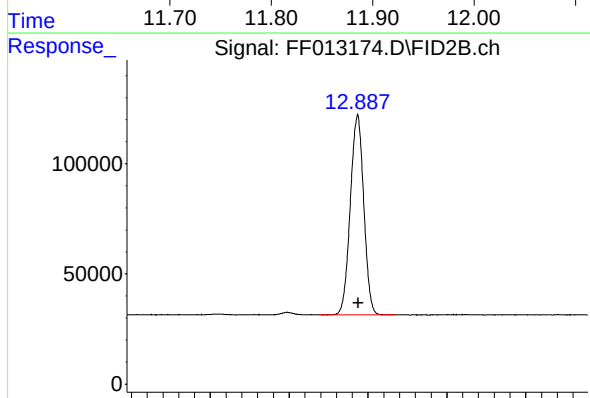
R.T.: 11.578 min
Delta R.T.: 0.000 min
Response: 1073559
Conc: 10.28 ug/ml



#9 ortho-Terphenyl (SURR)

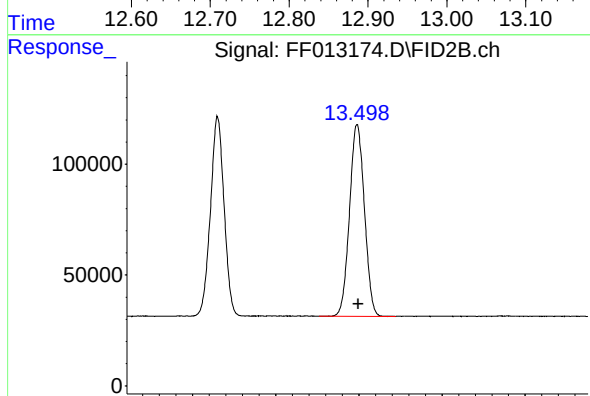
R.T.: 11.891 min
Delta R.T.: -0.001 min
Response: 1345468
Conc: 10.29 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



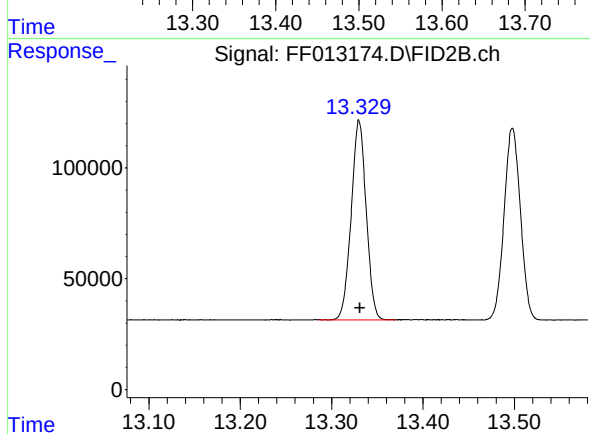
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: 0.000 min
Response: 1076058
Conc: 10.31 ug/ml



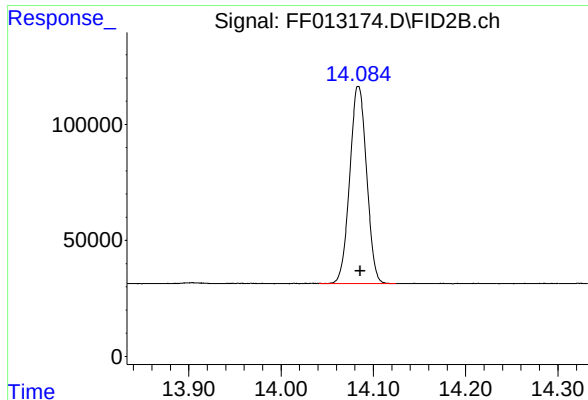
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.001 min
Response: 1077716
Conc: 10.32 ug/ml



#12 1-chlorooctadecane (SURR)

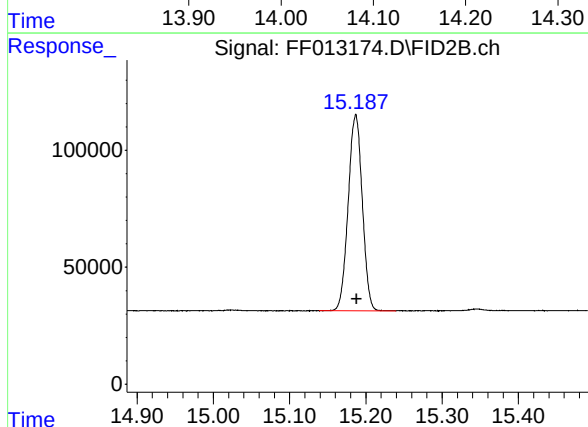
R.T.: 13.330 min
Delta R.T.: -0.001 min
Response: 1024863
Conc: 10.29 ug/ml



#13 n-Docosane (C22)

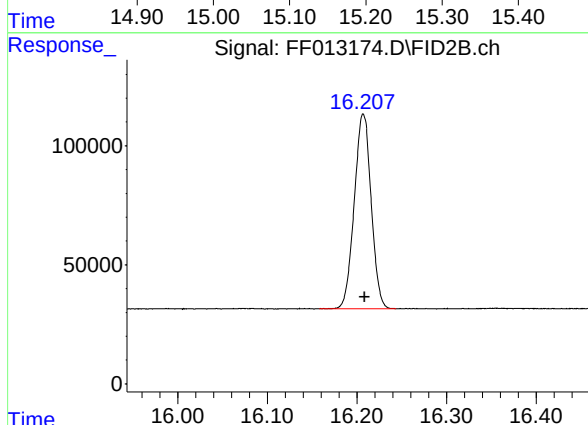
R.T.: 14.084 min
Delta R.T.: -0.002 min
Response: 1076343
Conc: 10.31 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



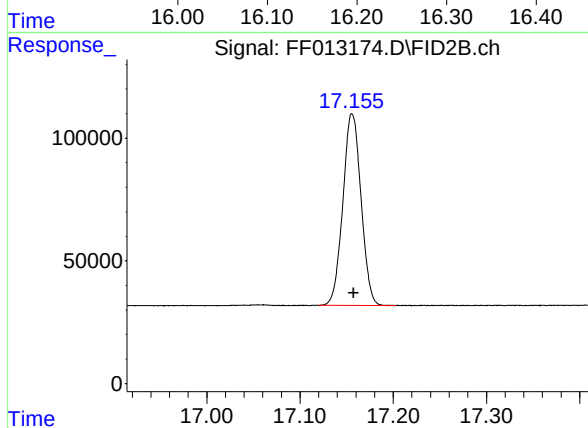
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: 0.000 min
Response: 1077743
Conc: 10.33 ug/ml



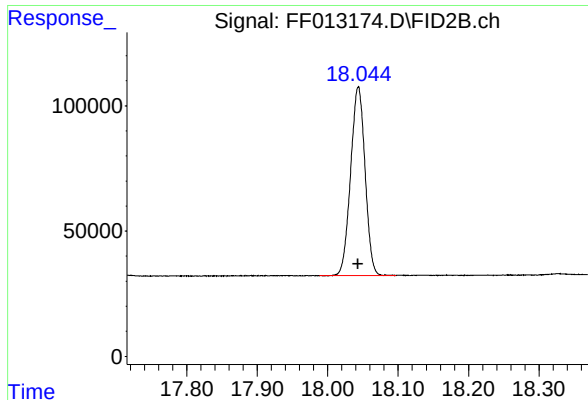
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.001 min
Response: 1071841
Conc: 10.33 ug/ml



#16 n-Octacosane (C28)

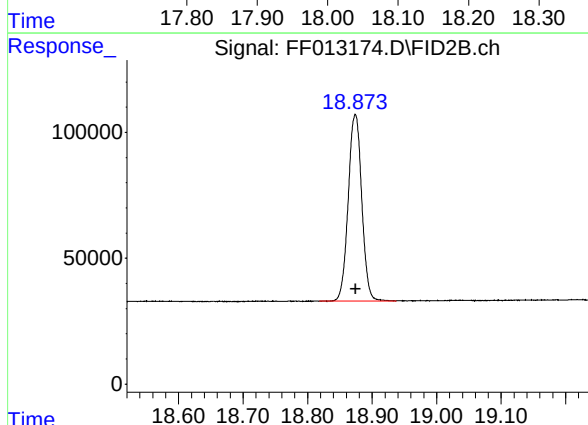
R.T.: 17.156 min
Delta R.T.: -0.002 min
Response: 1059055
Conc: 10.35 ug/ml



#17 n-Tricontane (C30)

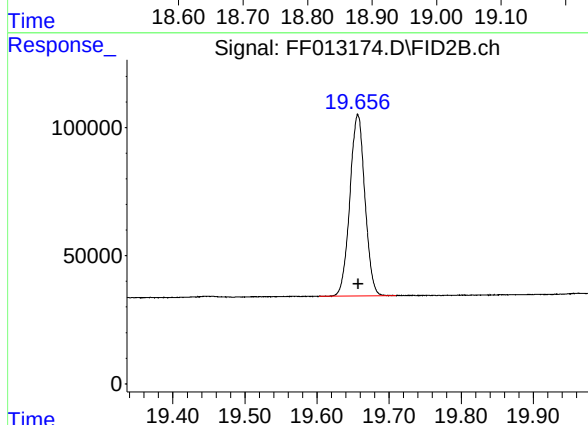
R.T.: 18.044 min
Delta R.T.: 0.000 min
Response: 1073004
Conc: 10.45 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



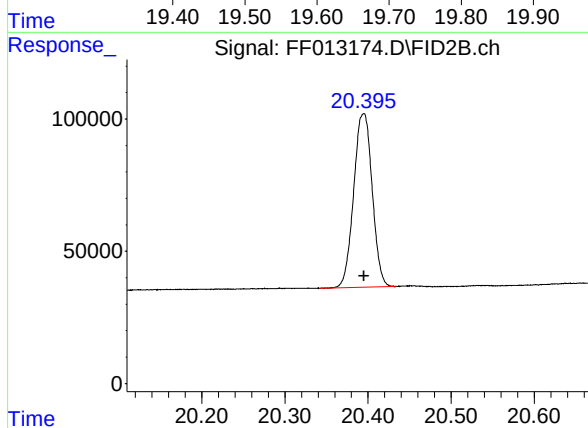
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: 0.000 min
Response: 1080236
Conc: 10.30 ug/ml



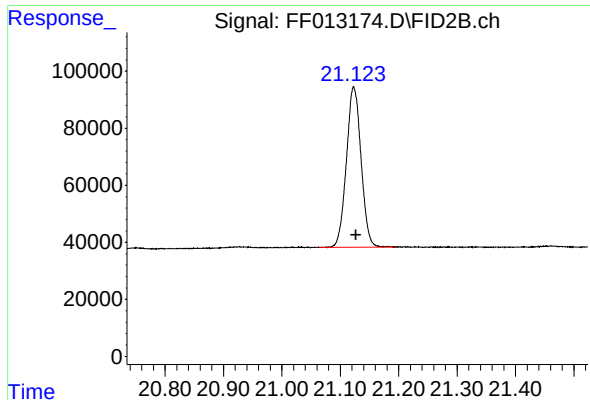
#19 n-Tetatriacontane (C34)

R.T.: 19.657 min
Delta R.T.: 0.000 min
Response: 1028228
Conc: 10.33 ug/ml



#20 n-Hexatriacontane (C36)

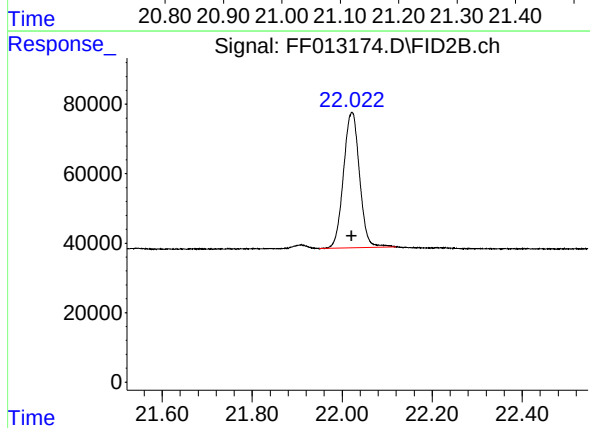
R.T.: 20.395 min
Delta R.T.: 0.000 min
Response: 1014122
Conc: 10.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.004 min
Response: 978711
Conc: 10.16 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: 0.000 min
Response: 966434
Conc: 10.15 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013174.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 13:10
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.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	3.285	3.259	3.327	VB	104152	1048586	77.93%	4.439%
2	4.538	4.510	4.584	BB	106459	1051518	78.15%	4.451%
3	6.236	6.206	6.266	BB	123998	1159549	86.18%	4.908%
4	6.703	6.672	6.744	BB	104403	1060936	78.85%	4.491%
5	7.329	7.285	7.365	BV	122313	1159503	86.18%	4.908%
6	8.528	8.486	8.574	BB	100100	1058936	78.70%	4.482%
7	10.135	10.094	10.176	BB	96592	1061540	78.90%	4.493%
8	11.578	11.533	11.616	BB	94392	1073559	79.79%	4.544%
9	11.891	11.847	11.923	BB	121796	1345468	100.00%	5.695%
10	12.887	12.838	12.935	BB	91097	1076058	79.98%	4.555%
11	13.330	13.286	13.370	BB	89799	1024863	76.17%	4.338%
12	13.498	13.452	13.545	BB	86457	1077716	80.10%	4.562%
13	14.084	14.041	14.125	BB	84921	1076343	80.00%	4.556%
14	15.187	15.139	15.240	BB	84152	1077743	80.10%	4.562%
15	16.207	16.158	16.244	BB	81842	1071841	79.66%	4.537%
16	17.156	17.120	17.203	BB	78034	1059055	78.71%	4.483%
17	18.044	17.988	18.097	BB	75242	1073004	79.75%	4.542%
18	18.874	18.818	18.937	BB	74124	1080236	80.29%	4.573%
19	19.657	19.603	19.710	BB	70815	1028228	76.42%	4.352%
20	20.395	20.341	20.434	BB	65612	1014122	75.37%	4.293%
21	21.123	21.064	21.195	BB	56317	978711	72.74%	4.143%
22	22.022	21.949	22.120	BB	39070	966434	71.83%	4.091%
Sum of corrected areas:						23623950		

Aliphatic EPH 081023.M Thu Aug 10 16:11:14 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013175.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 13:41
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 10 16:02:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:01:11 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.890	672472	5.143 ug/ml
Spiked Amount 50.000		Recovery =	10.29%
12) S 1-chlorooctadecane (S...	13.330	510441	5.123 ug/ml
Spiked Amount 50.000		Recovery =	10.25%
Target Compounds			
1) T n-Nonane (C9)	3.283	522067	5.117 ug/ml
2) T n-Decane (C10)	4.537	521835	5.102 ug/ml
3) T A~Naphthalene (C11.7)	6.235	576930	5.101 ug/ml
4) T n-Dodecane (C12)	6.702	526652	5.100 ug/ml
5) T A~2-methylnaphthalene...	7.328	576173	5.092 ug/ml
6) T n-Tetradecane (C14)	8.527	528292	5.138 ug/ml
7) T n-Hexadecane (C16)	10.134	528420	5.116 ug/ml
8) T n-Octadecane (C18)	11.576	534193	5.114 ug/ml
10) T n-Eicosane (C20)	12.886	535978	5.135 ug/ml
11) T n-Heneicosane (C21)	13.498	536691	5.140 ug/ml
13) T n-Docosane (C22)	14.085	536666	5.142 ug/ml
14) T n-Tetracosane (C24)	15.187	538129	5.156 ug/ml
15) T n-Hexacosane (C26)	16.208	536674	5.172 ug/ml
16) T n-Octacosane (C28)	17.156	534065	5.221 ug/ml
17) T n-Tricontane (C30)	18.043	556412	5.417 ug/ml
18) T n-Dotriacontane (C32)	18.874	634761	6.053 ug/ml
19) T n-Tetratriacontane (C34)	19.657	555953	5.587 ug/ml
20) T n-Hexatriacontane (C36)	20.394	538148	5.395 ug/ml
21) T n-Octatriacontane (C38)	21.124	501094	5.202 ug/ml
22) T n-Tetracontane (C40)	22.023	488820	5.136 ug/ml

(f)=RT Delta > 1/2 Window

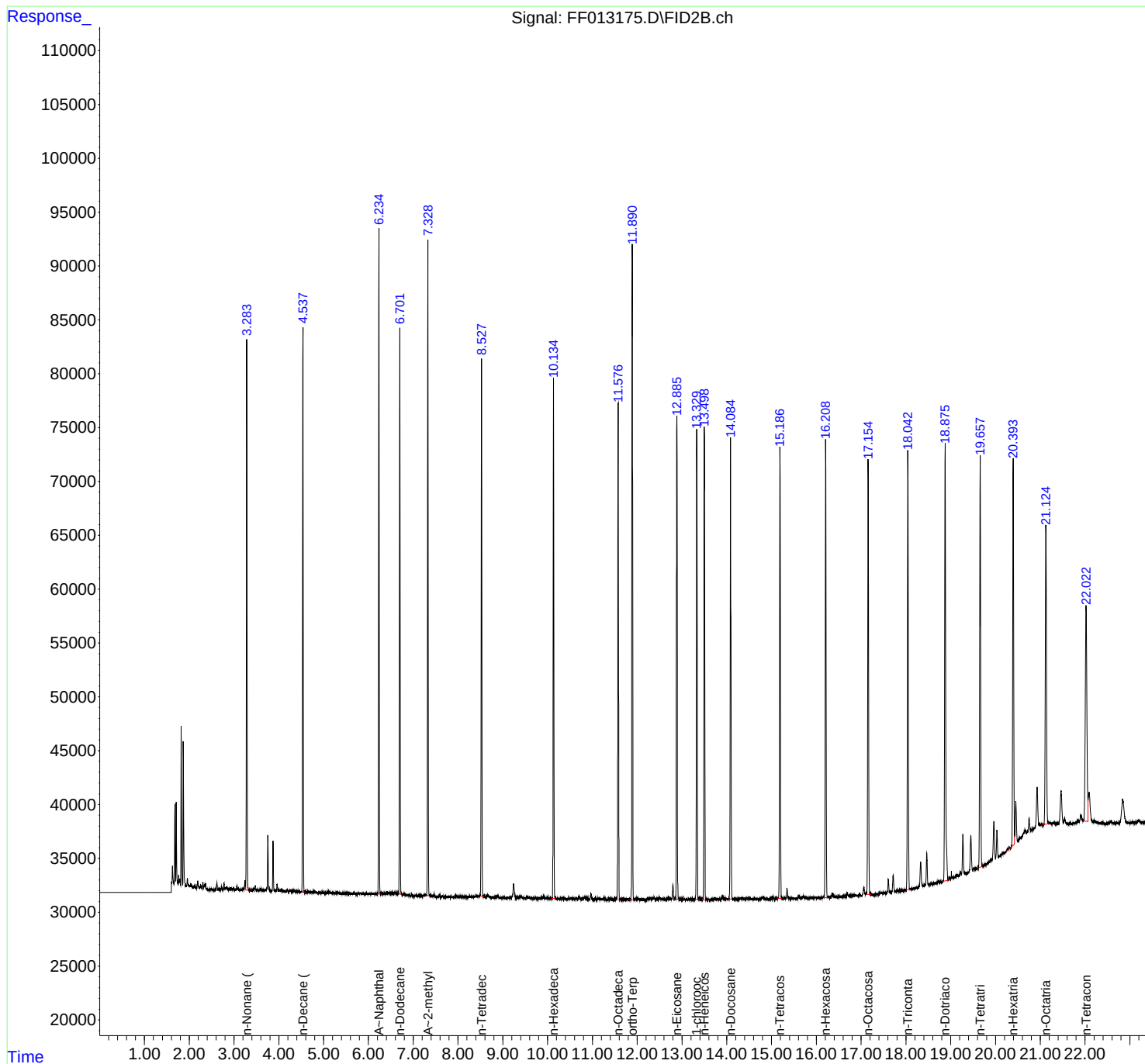
(m)=manual int.

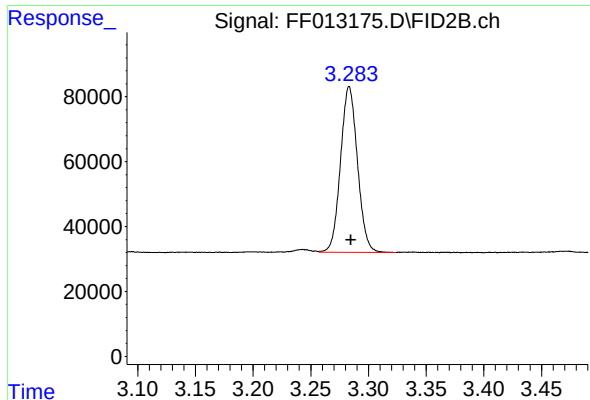
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
Data File : FF013175.D
Signal(s) : FID2B.ch
Acq On : 10 Aug 2023 13:41
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
Quant Time: Aug 10 16:02:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
Quant Title : GC Extractables
QLast Update : Thu Aug 10 16:01:11 2023
Response via : Initial Calibration
Integrator: ChemStation

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

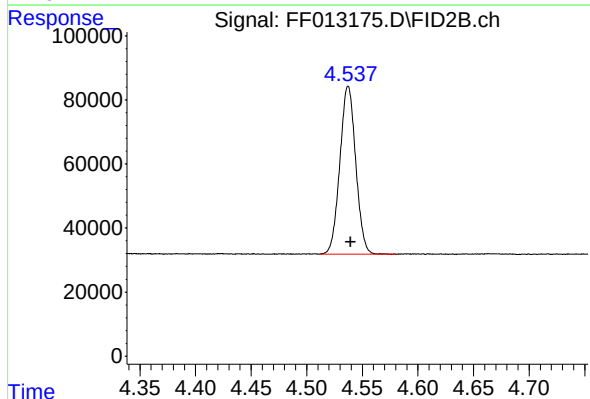




#1 n-Nonane (C9)

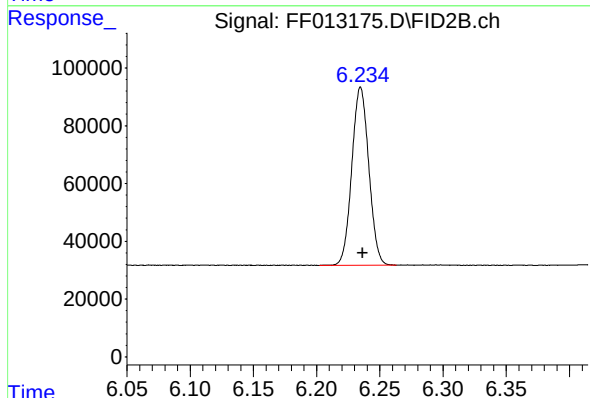
R.T.: 3.283 min
Delta R.T.: -0.002 min
Response: 522067
Conc: 5.12 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



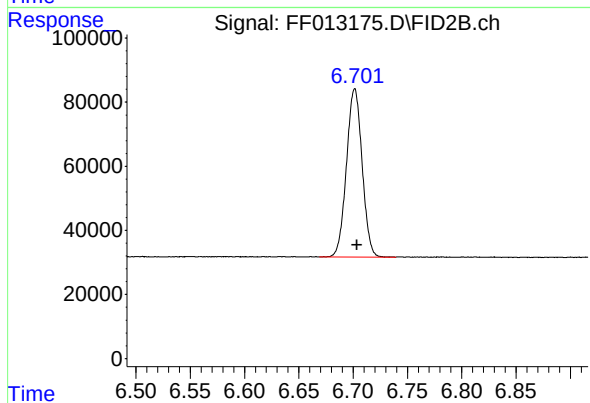
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.002 min
Response: 521835
Conc: 5.10 ug/ml



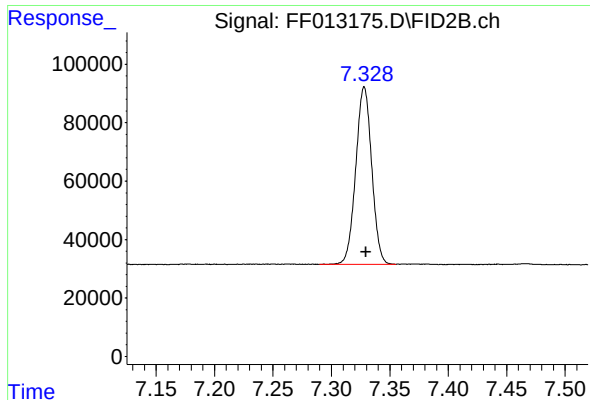
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.002 min
Response: 576930
Conc: 5.10 ug/ml



#4 n-Dodecane (C12)

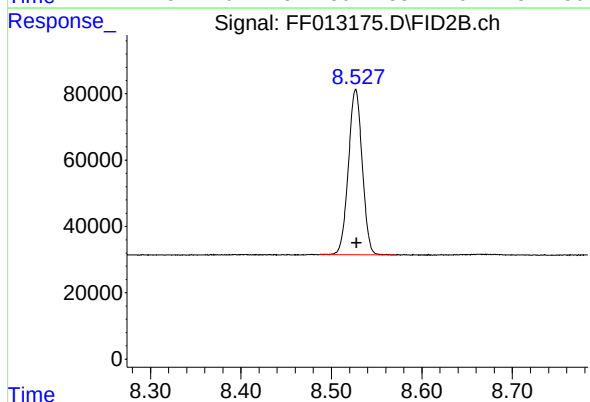
R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 526652
Conc: 5.10 ug/ml



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

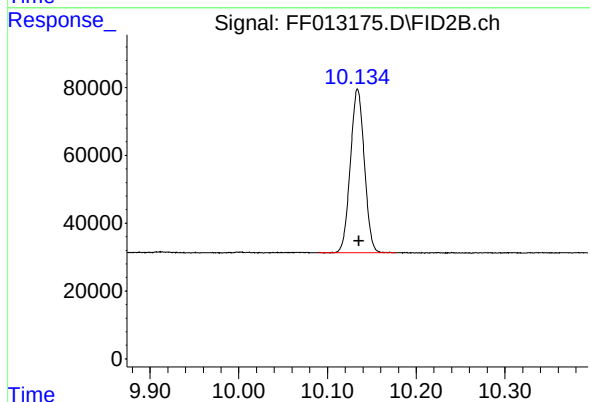
R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 576173
Conc: 5.09 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



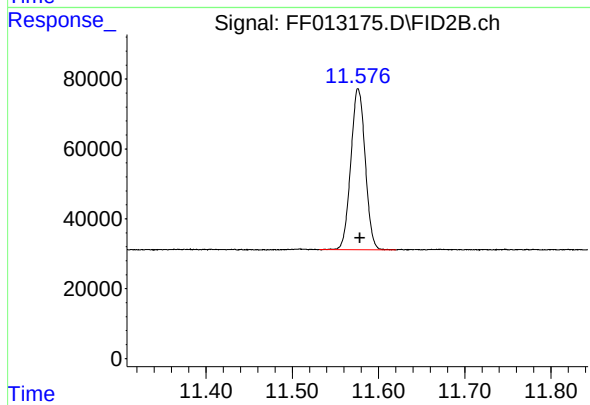
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 528292
Conc: 5.14 ug/ml



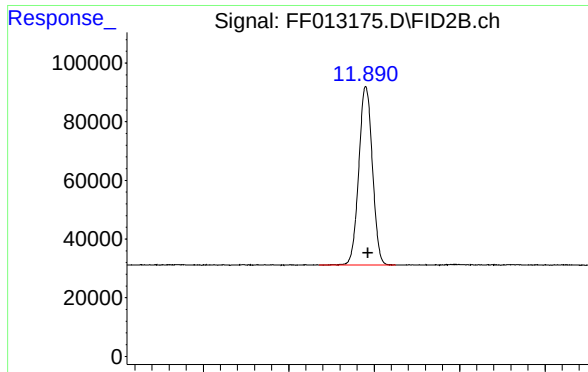
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.002 min
Response: 528420
Conc: 5.12 ug/ml



#8 n-Octadecane (C18)

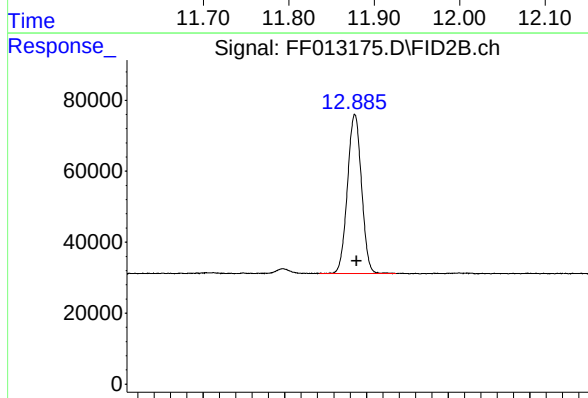
R.T.: 11.576 min
Delta R.T.: -0.002 min
Response: 534193
Conc: 5.11 ug/ml



#9 ortho-Terphenyl (SURR)

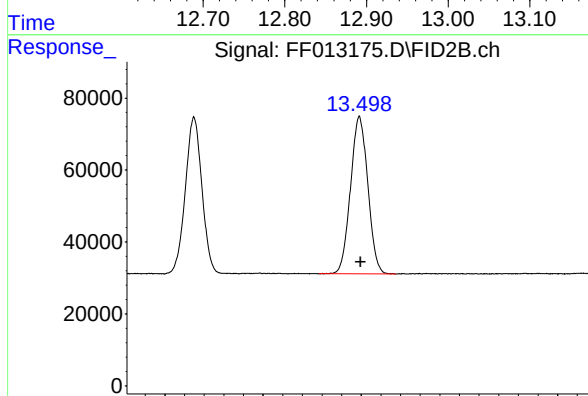
R.T.: 11.890 min
Delta R.T.: -0.003 min
Response: 672472
Conc: 5.14 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



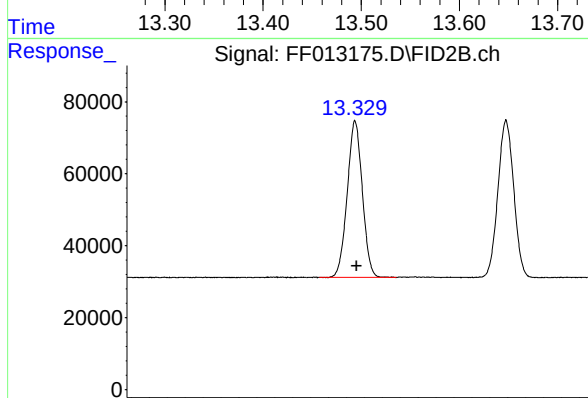
#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.002 min
Response: 535978
Conc: 5.14 ug/ml



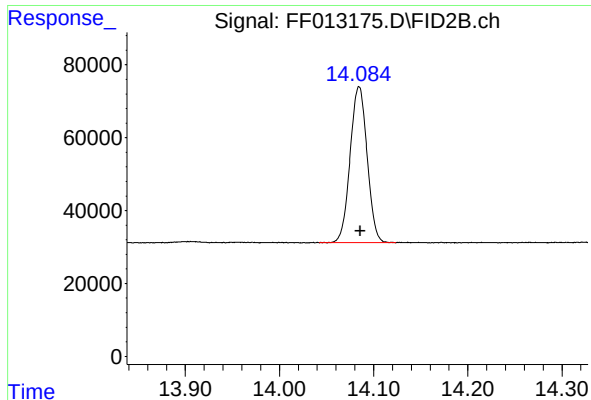
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.001 min
Response: 536691
Conc: 5.14 ug/ml



#12 1-chlorooctadecane (SURR)

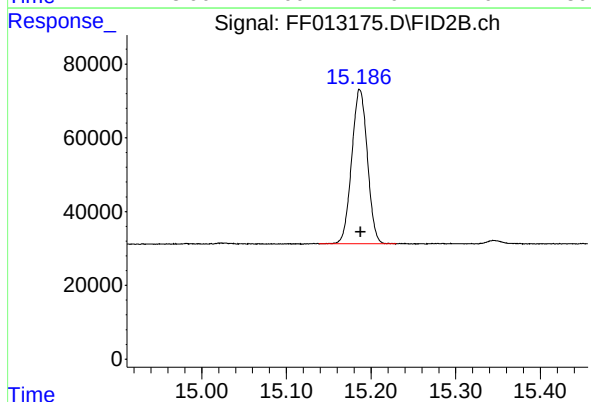
R.T.: 13.330 min
Delta R.T.: -0.002 min
Response: 510441
Conc: 5.12 ug/ml



#13 n-Docosane (C22)

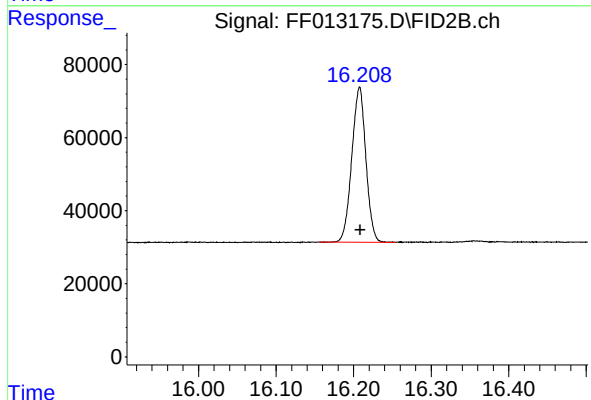
R.T.: 14.085 min
Delta R.T.: -0.001 min
Response: 536666
Conc: 5.14 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



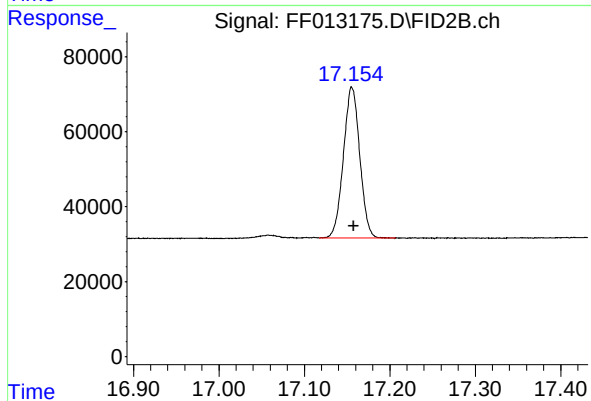
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: 0.000 min
Response: 538129
Conc: 5.16 ug/ml



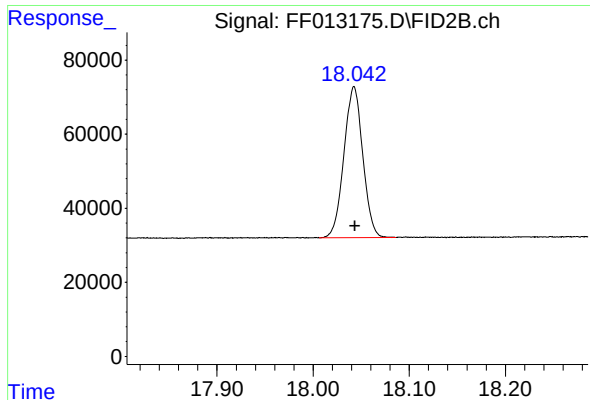
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: 0.000 min
Response: 536674
Conc: 5.17 ug/ml



#16 n-Octacosane (C28)

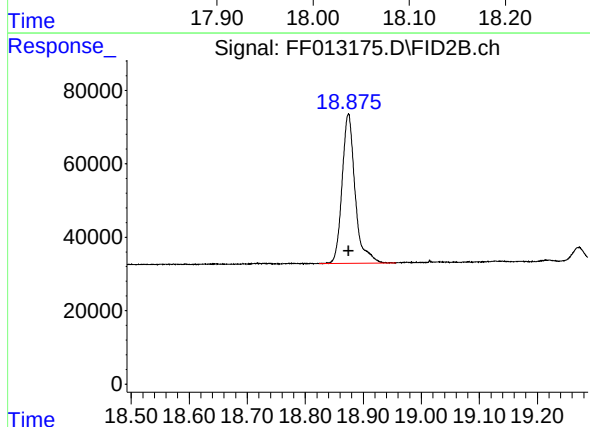
R.T.: 17.156 min
Delta R.T.: -0.002 min
Response: 534065
Conc: 5.22 ug/ml



#17 n-Tricontane (C30)

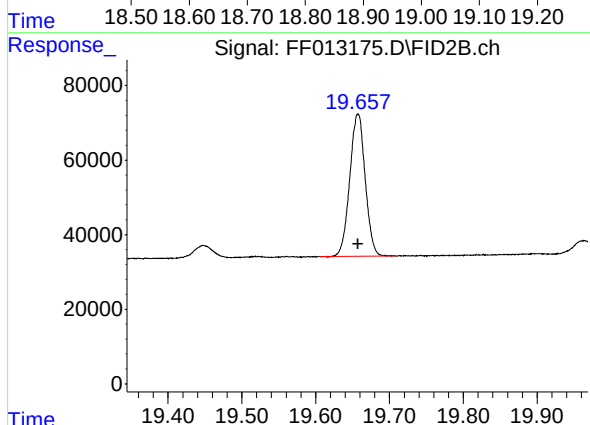
R.T.: 18.043 min
Delta R.T.: 0.000 min
Response: 556412
Conc: 5.42 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



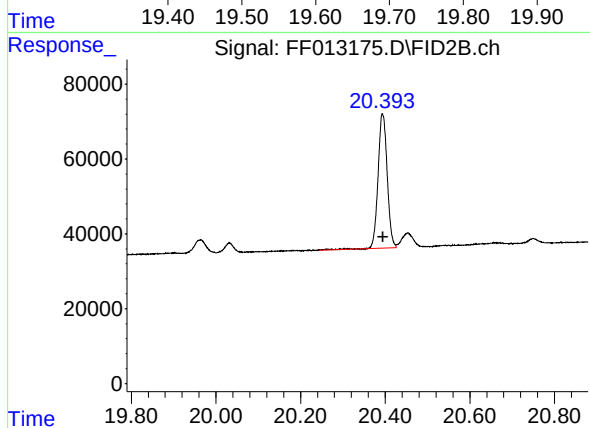
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: 0.000 min
Response: 634761
Conc: 6.05 ug/ml



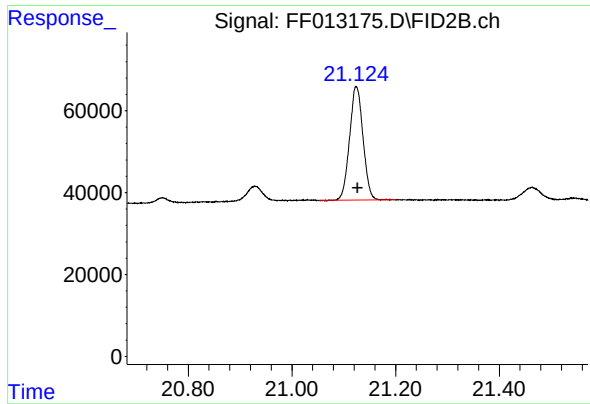
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: 0.000 min
Response: 555953
Conc: 5.59 ug/ml



#20 n-Hexatriacontane (C36)

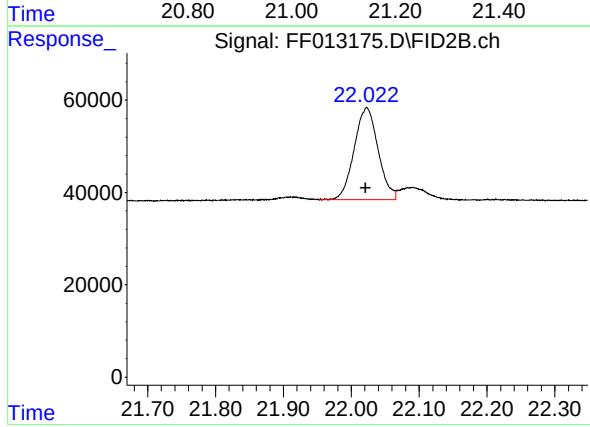
R.T.: 20.394 min
Delta R.T.: -0.002 min
Response: 538148
Conc: 5.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.003 min
Response: 501094
Conc: 5.20 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: 0.002 min
Response: 488820
Conc: 5.14 ug/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013175.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 13:41
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.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	3.283	3.257	3.324	VB	51154	522067	77.63%	4.354%
2	4.537	4.511	4.580	BB	52488	521835	77.60%	4.352%
3	6.235	6.202	6.263	BB	61751	576930	85.79%	4.811%
4	6.702	6.669	6.740	BB	52484	526652	78.32%	4.392%
5	7.328	7.290	7.355	BB	60826	576173	85.68%	4.805%
6	8.527	8.486	8.571	BB	49930	528292	78.56%	4.406%
7	10.134	10.090	10.177	BB	48268	528420	78.58%	4.407%
8	11.577	11.531	11.620	BB	46112	534193	79.44%	4.455%
9	11.890	11.835	11.925	BB	60863	672472	100.00%	5.608%
10	12.886	12.842	12.936	BB	44749	535978	79.70%	4.470%
11	13.330	13.290	13.375	BB	43554	510441	75.91%	4.257%
12	13.498	13.457	13.535	BB	43831	536691	79.81%	4.476%
13	14.085	14.042	14.124	BB	42803	536666	79.81%	4.476%
14	15.187	15.139	15.230	BB	41705	538129	80.02%	4.488%
15	16.208	16.155	16.255	BB	42555	536674	79.81%	4.476%
16	17.156	17.117	17.207	BB	40260	534065	79.42%	4.454%
17	18.043	18.006	18.086	BB	40852	556412	82.74%	4.640%
18	18.874	18.824	18.956	BB	40570	634761	94.39%	5.294%
19	19.658	19.605	19.709	BB	38227	555953	82.67%	4.636%
20	20.394	20.244	20.425	BV	35828	538148	80.03%	4.488%
21	21.124	21.052	21.201	BB	27762	501094	74.52%	4.179%
22	22.023	21.952	22.066	BV	20015	488820	72.69%	4.077%
Sum of corrected areas:						11990865		

Aliphatic EPH 081023.M Thu Aug 10 16:11:44 2023

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013176.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 14:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 16:06:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.892	2649021	19.280 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	13.331	2016233	19.240 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.286	2059318	19.273 ug/ml
2) T n-Decane (C10)	4.539	2065039	19.270 ug/ml
3) T A~Naphthalene (C11.7)	6.236	2278954	19.250 ug/ml
4) T n-Dodecane (C12)	6.703	2083169	19.252 ug/ml
5) T A~2-methylnaphthalene...	7.330	2283490	19.265 ug/ml
6) T n-Tetradecane (C14)	8.528	2080712	19.276 ug/ml
7) T n-Hexadecane (C16)	10.135	2093270	19.311 ug/ml
8) T n-Octadecane (C18)	11.578	2116425	19.328 ug/ml
10) T n-Eicosane (C20)	12.887	2111539	19.243 ug/ml
11) T n-Heneicosane (C21)	13.499	2111268	19.217 ug/ml
13) T n-Docosane (C22)	14.085	2107321	19.194 ug/ml
14) T n-Tetracosane (C24)	15.188	2098912	19.104 ug/ml
15) T n-Hexacosane (C26)	16.208	2079690	19.029 ug/ml
16) T n-Octacosane (C28)	17.157	2046282	18.952 ug/ml
17) T n-Tricontane (C30)	18.044	2052345	18.767 ug/ml
18) T n-Dotriacontane (C32)	18.875	2096050	18.556 ug/ml
19) T n-Tetratriacontane (C34)	19.657	1976337	18.606 ug/ml
20) T n-Hexatriacontane (C36)	20.395	1957477	18.571 ug/mlm
21) T n-Octatriacontane (C38)	21.125	1884955	18.663 ug/ml
22) T n-Tetracontane (C40)	22.024	1868899	18.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
Data File : FF013176.D
Signal(s) : FID2B.ch
Acq On : 10 Aug 2023 14:11
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 7 Sample Multiplier: 1

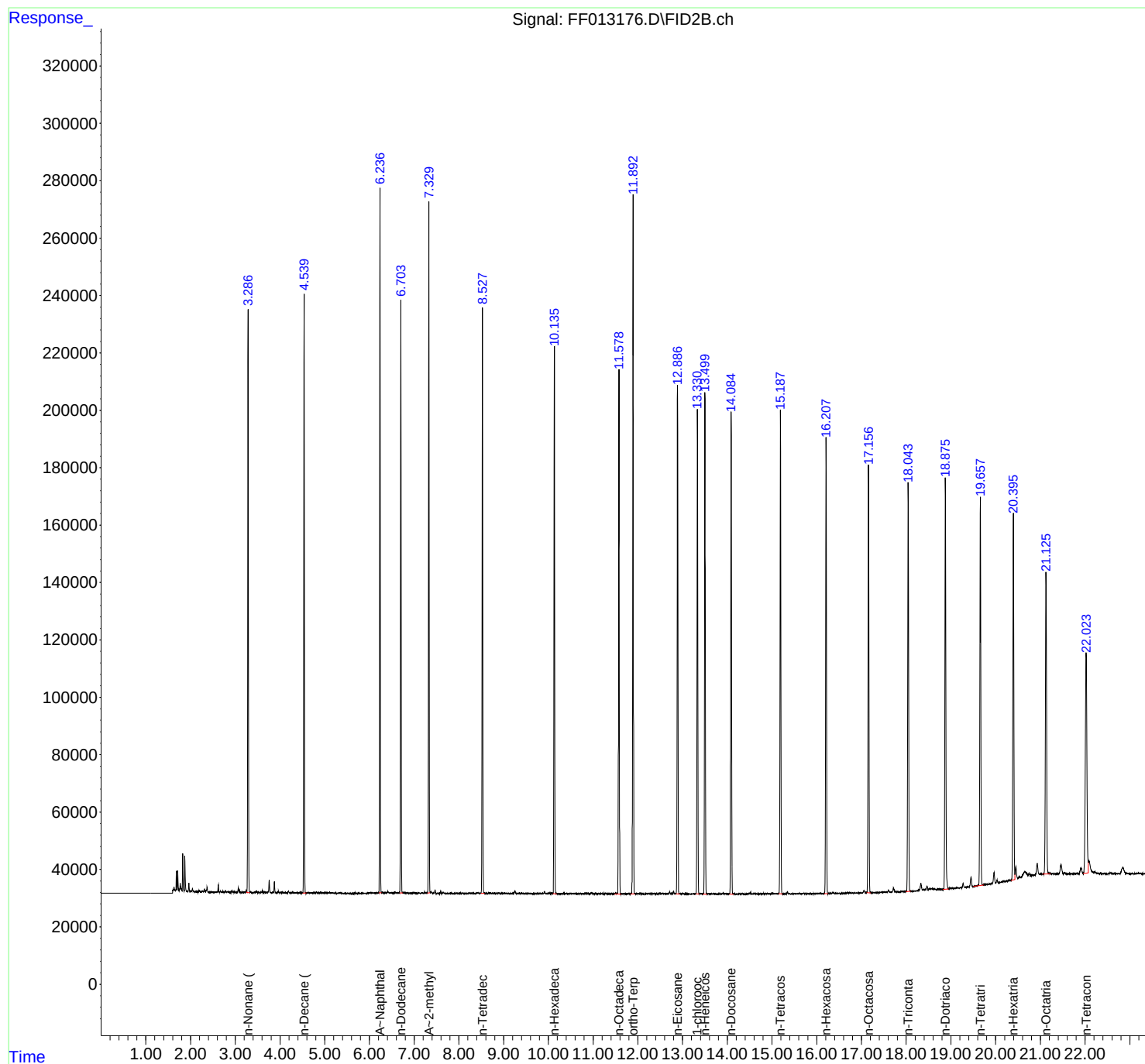
Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

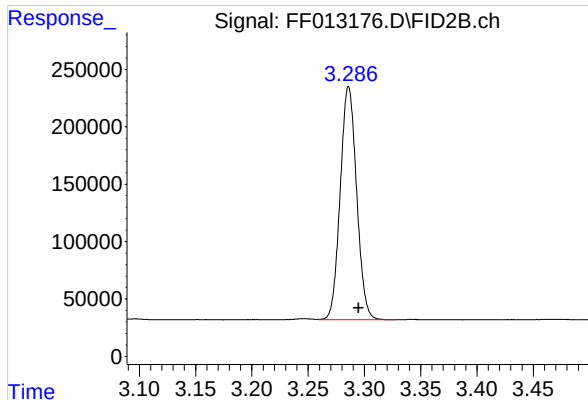
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
Quant Time: Aug 10 16:06:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
Quant Title : GC Extractables
QLast Update : Thu Aug 10 16:05:52 2023
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.: 3.286 min
Delta R.T.: -0.009 min
Response: 2059318
Conc: 19.27 ug/ml

Instrument :

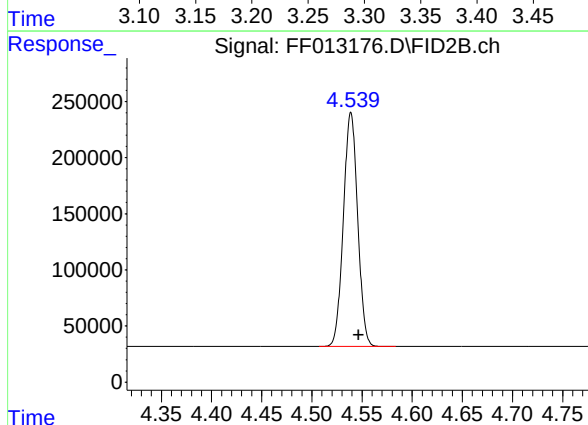
FID_F

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

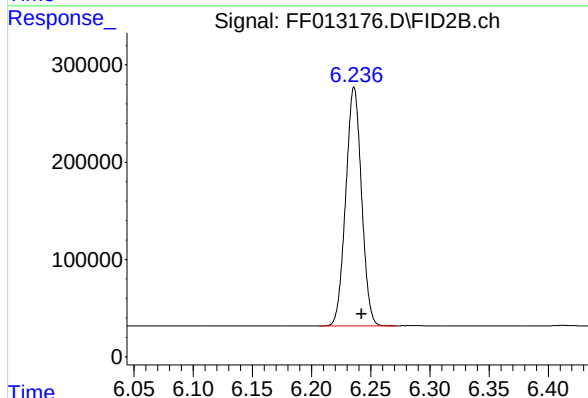
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



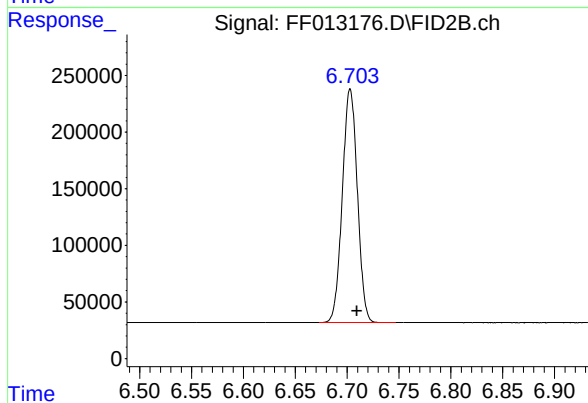
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.008 min
Response: 2065039
Conc: 19.27 ug/ml



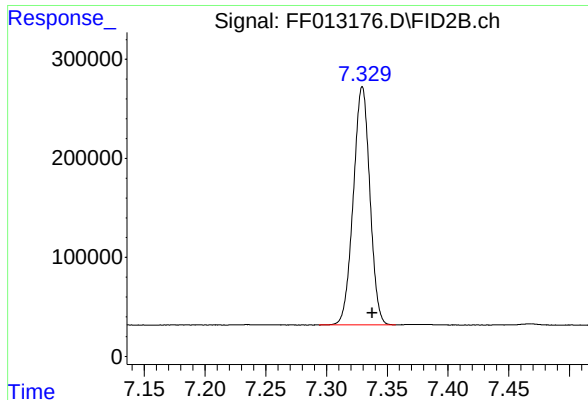
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.006 min
Response: 2278954
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.006 min
Response: 2083169
Conc: 19.25 ug/ml



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

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 2283490
Conc: 19.26 ug/ml

Instrument :

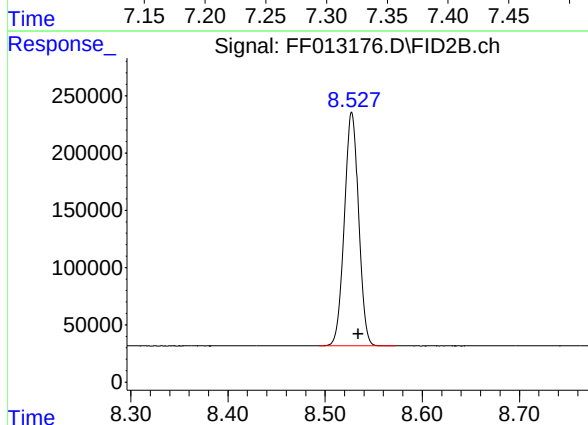
FID_F

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

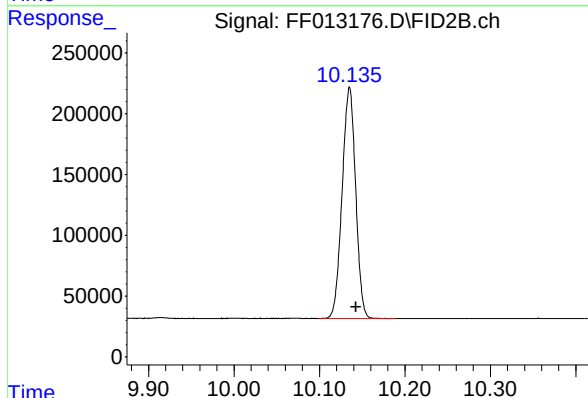
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



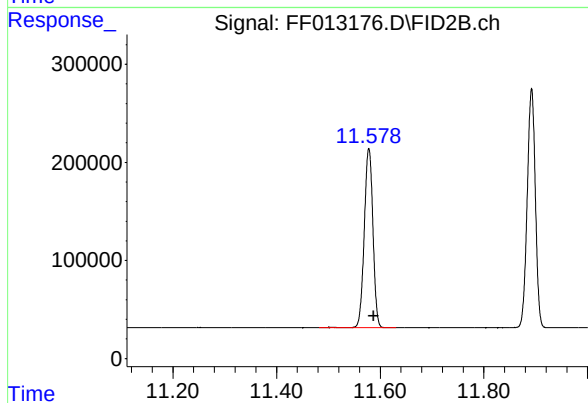
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.007 min
Response: 2080712
Conc: 19.28 ug/ml



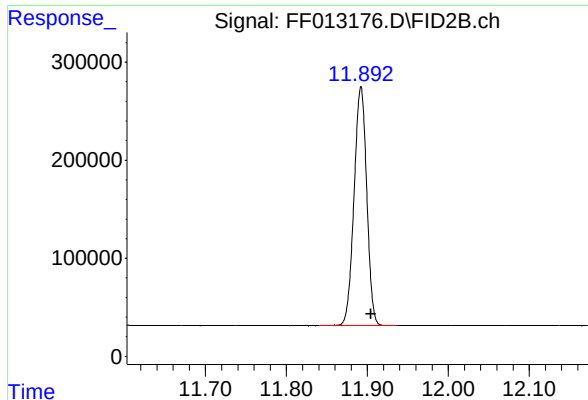
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.007 min
Response: 2093270
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.009 min
Response: 2116425
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.012 min
Response: 2649021
Conc: 19.28 ug/ml

Instrument :

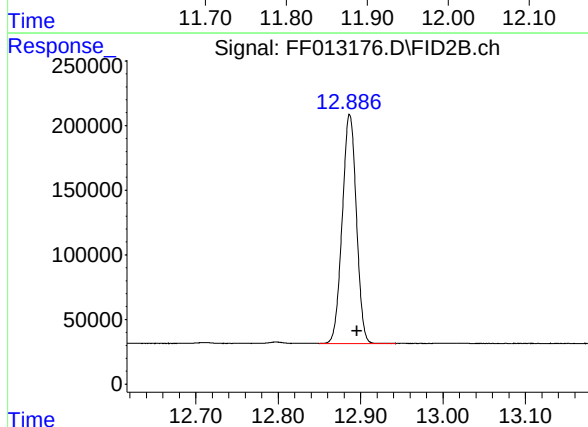
FID_F

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

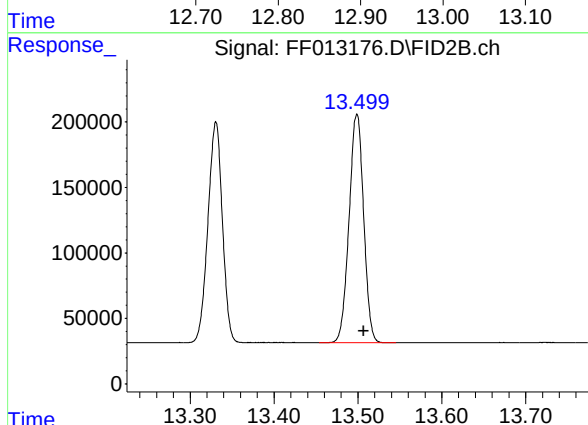
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



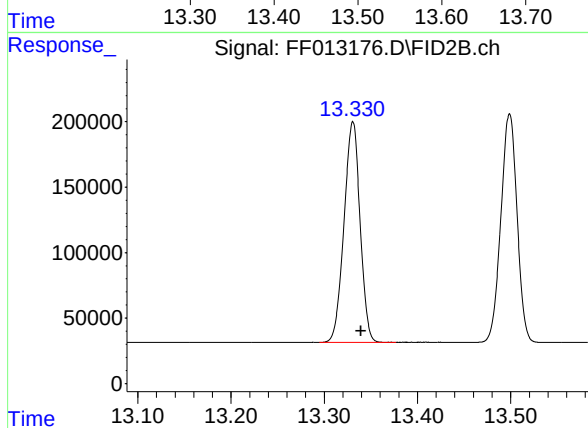
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.009 min
Response: 2111539
Conc: 19.24 ug/ml



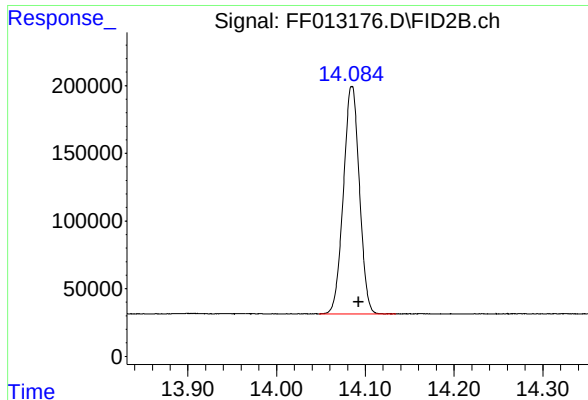
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.008 min
Response: 2111268
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.008 min
Response: 2016233
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.008 min
Response: 2107321
Conc: 19.19 ug/ml

Instrument :

FID_F

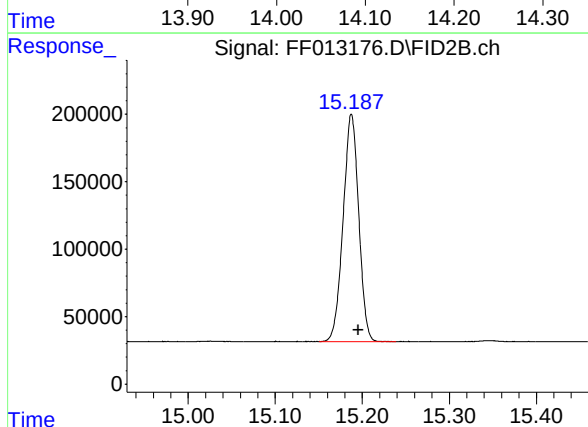
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

Manual Integrations

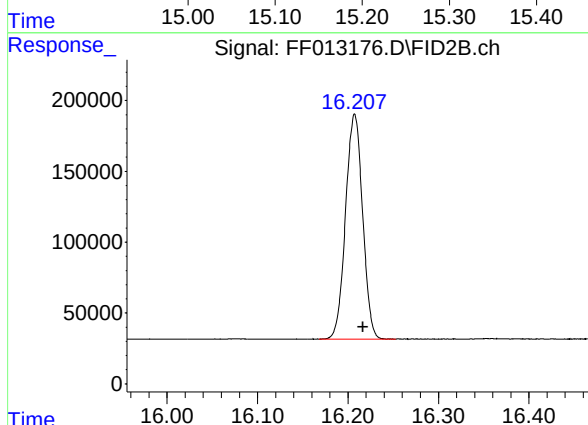
APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



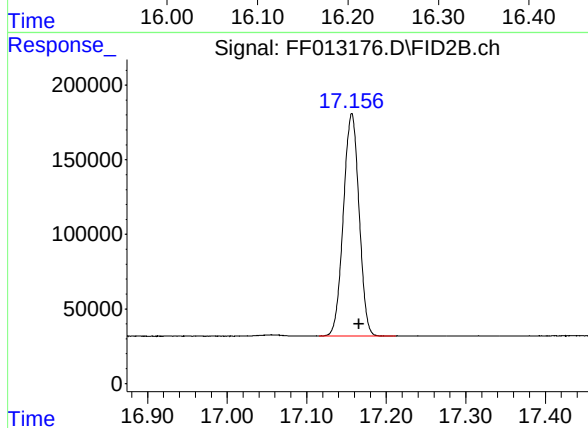
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.008 min
Response: 2098912
Conc: 19.10 ug/ml



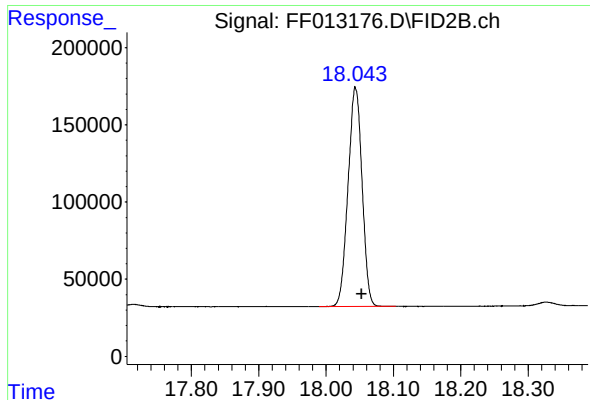
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.009 min
Response: 2079690
Conc: 19.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 2046282
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 2052345
Conc: 18.77 ug/ml

Instrument :

FID_F

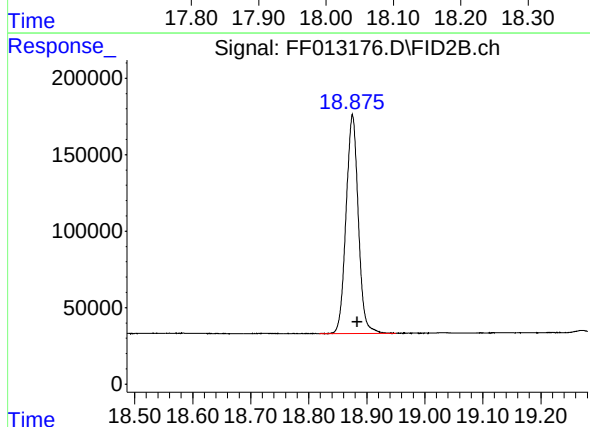
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

Manual Integrations

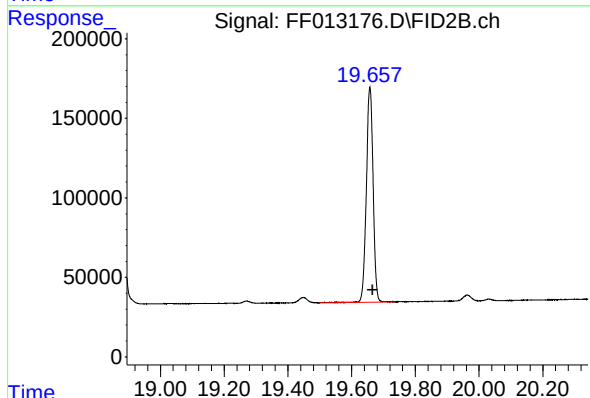
APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



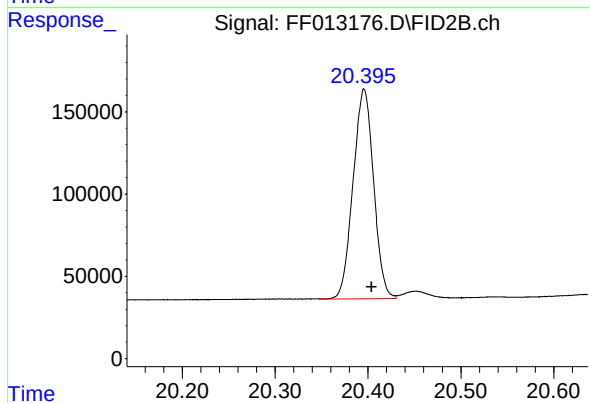
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.008 min
Response: 2096050
Conc: 18.56 ug/ml



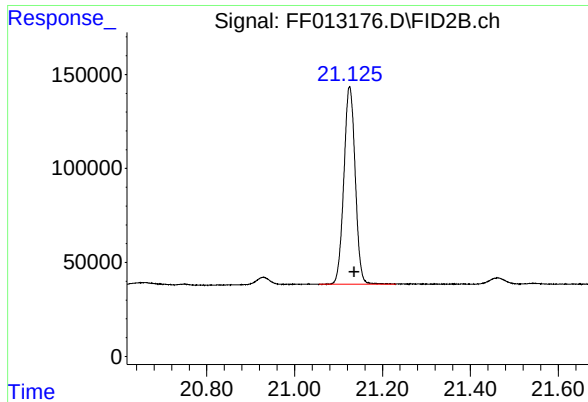
#19 n-Tetatriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.008 min
Response: 1976337
Conc: 18.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: -0.009 min
Response: 1957477
Conc: 18.57 ug/ml m



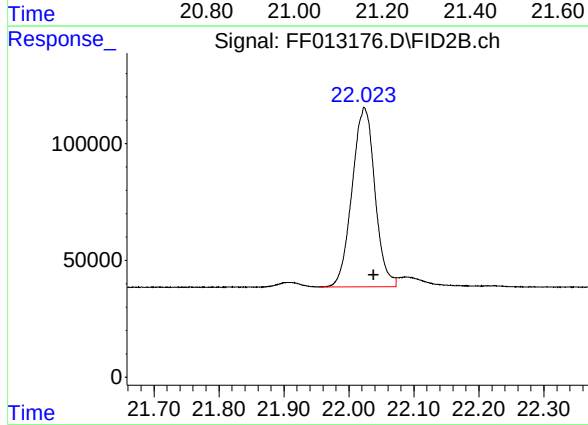
#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: -0.011 min
Response: 1884955
Conc: 18.66 ug/ml

Instrument : FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/11/2023



#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: -0.014 min
Response: 1868899
Conc: 18.80 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FID_F
Data File : FF013176.D
Signal(s) : FID2B.ch
Acq On : 10 Aug 2023 14:11
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.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	3.286	3.260	3.328	VV	203073	2059318	77.74%	4.466%
2	4.539	4.507	4.584	BB	208752	2065039	77.95%	4.478%
3	6.236	6.206	6.271	BB	245472	2278954	86.03%	4.942%
4	6.703	6.673	6.747	BB	206534	2083169	78.64%	4.517%
5	7.330	7.294	7.357	BV	240751	2283490	86.20%	4.952%
6	8.528	8.494	8.573	BB	203793	2080712	78.55%	4.512%
7	10.135	10.100	10.190	BB	190690	2093270	79.02%	4.539%
8	11.578	11.482	11.630	BB	182718	2116425	79.89%	4.590%
9	11.892	11.840	11.935	BB	243665	2649021	100.00%	5.745%
10	12.887	12.850	12.943	BB	176761	2111539	79.71%	4.579%
11	13.331	13.295	13.377	BB	168462	2016233	76.11%	4.372%
12	13.499	13.454	13.545	BB	174712	2111268	79.70%	4.578%
13	14.085	14.048	14.135	BB	167924	2107321	79.55%	4.570%
14	15.188	15.150	15.239	BB	168567	2098912	79.23%	4.552%
15	16.208	16.168	16.253	BB	158808	2079690	78.51%	4.510%
16	17.157	17.115	17.212	BB	149185	2046282	77.25%	4.437%
17	18.044	17.990	18.104	BB	141607	2052345	77.48%	4.451%
18	18.876	18.818	18.950	BB	143090	2096050	79.13%	4.545%
19	19.657	19.498	19.739	BV	135309	1976337	74.61%	4.286%
20	20.395	20.348	20.429	M	127732	1954487	73.78%	4.238%
21	21.125	21.056	21.231	BB	105343	1884955	71.16%	4.088%
22	22.024	21.954	22.072	PV	76594	1868899	70.55%	4.053%
Sum of corrected areas:						46113715		

Aliphatic EPH 081023.M Thu Aug 10 16:12:24 2023