

Initial Calibration Report for SequenceID : FF100224AL

AreaCount

Parameter Range	FF014590.D	FF014591.D	FF014592.D	FF014593.D	FF014594.D	
Aliphatic C9-C12	36616058.000	18546063.000	7720305.000	3858930.000	2008601.000	
Aliphatic C12-C16	25511142.000	12800008.000	5292669.000	2589861.000	1326022.000	
Aliphatic C16-C21	40068791.000	20296843.000	8434753.000	4161887.000	2169055.000	
Aliphatic C21-C28	54299622.000	28075775.000	11583677.000	5767569.000	3138833.000	
Aliphatic C28-C40	63165730.000	32941356.000	14410242.000	7300925.000	4039453.000	
Aliphatic EPH	219661343.000	112660045.000	47441646.000	23679172.000	12681964.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	127380.6859998	3.686				
Aliphatic C12-C16	129993.553	1.819				
Aliphatic C16-C21	138557.474666	3.149				
Aliphatic C21-C28	144410.9535	5.458				
Aliphatic C28-C40	118299.3206664	9.672				
Aliphatic EPH	130291.1847774	5.573				

Concentration

Parameter Range	FF014590.D	FF014591.D	FF014592.D	FF014593.D	FF014594.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	FF014590.D	FF014591.D	FF014592.D	FF014593.D	FF014594.D	
Aliphatic C9-C12	122053.526666	123640.420000	128671.750000	128631.000000	133906.733333	
Aliphatic C12-C16	127555.710000	128000.080000	132316.725000	129493.050000	132602.200000	
Aliphatic C16-C21	133562.636666	135312.286666	140579.216666	138729.566666	144603.666666	

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Aliphatic C21-C28	135749.055000	140378.875000	144795.962500	144189.225000	156941.650000	
Aliphatic C28-C40	105276.216666	109804.520000	120085.350000	121682.083333	134648.433333	
Aliphatic EPH	122034.079444	125177.827777	131782.350000	131550.955555	140910.711111	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014590.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 10:41
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 02 12:03:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 11:59:41 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)	11.801	14753108	97.079 ug/ml
Spiked Amount 50.000		Recovery =	194.16%
12) S 1-chlorooctadecane (S...	13.241	11646345	97.866 ug/ml
Spiked Amount 50.000		Recovery =	195.73%
Target Compounds			
1) T n-Nonane (C9)	3.199	11997334	97.385 ug/ml
2) T n-Decane (C10)	4.448	12220456	97.367 ug/ml
3) T A~Naphthalene (C11.7)	6.141	13262925	99.058 ug/ml
4) T n-Dodecane (C12)	6.614	12398268	97.331 ug/ml
5) T A~2-methylnaphthalene...	7.237	12813764	100.648 ug/ml
6) T n-Tetradecane (C14)	8.441	12455499	97.822 ug/ml
7) T n-Hexadecane (C16)	10.047	13055643	98.501 ug/ml
8) T n-Octadecane (C18)	11.491	13508148	97.982 ug/ml
10) T n-Eicosane (C20)	12.798	13321507	97.243 ug/ml
11) T n-Heneicosane (C21)	13.410	13239136	97.092 ug/ml
13) T n-Docosane (C22)	13.995	13367640	97.164 ug/ml
14) T n-Tetracosane (C24)	15.097	13675214	97.248 ug/ml
15) T n-Hexacosane (C26)	16.117	13684005	96.892 ug/ml
16) T n-Octacosane (C28)	17.066	13572763	95.812 ug/ml
17) T n-Tricontane (C30)	17.952	13691100	94.011 ug/ml
18) T n-Dotriacontane (C32)	18.783	12977998	91.923 ug/ml
19) T n-Tetratriacontane (C34)	19.562	11073225	92.138 ug/ml
20) T n-Hexatriacontane (C36)	20.298	9316860	92.860 ug/ml
21) T n-Octatriacontane (C38)	21.013	8422193	95.094 ug/ml
22) T n-Tetracontane (C40)	21.873	7684354	95.829 ug/ml

(f)=RT Delta > 1/2 Window

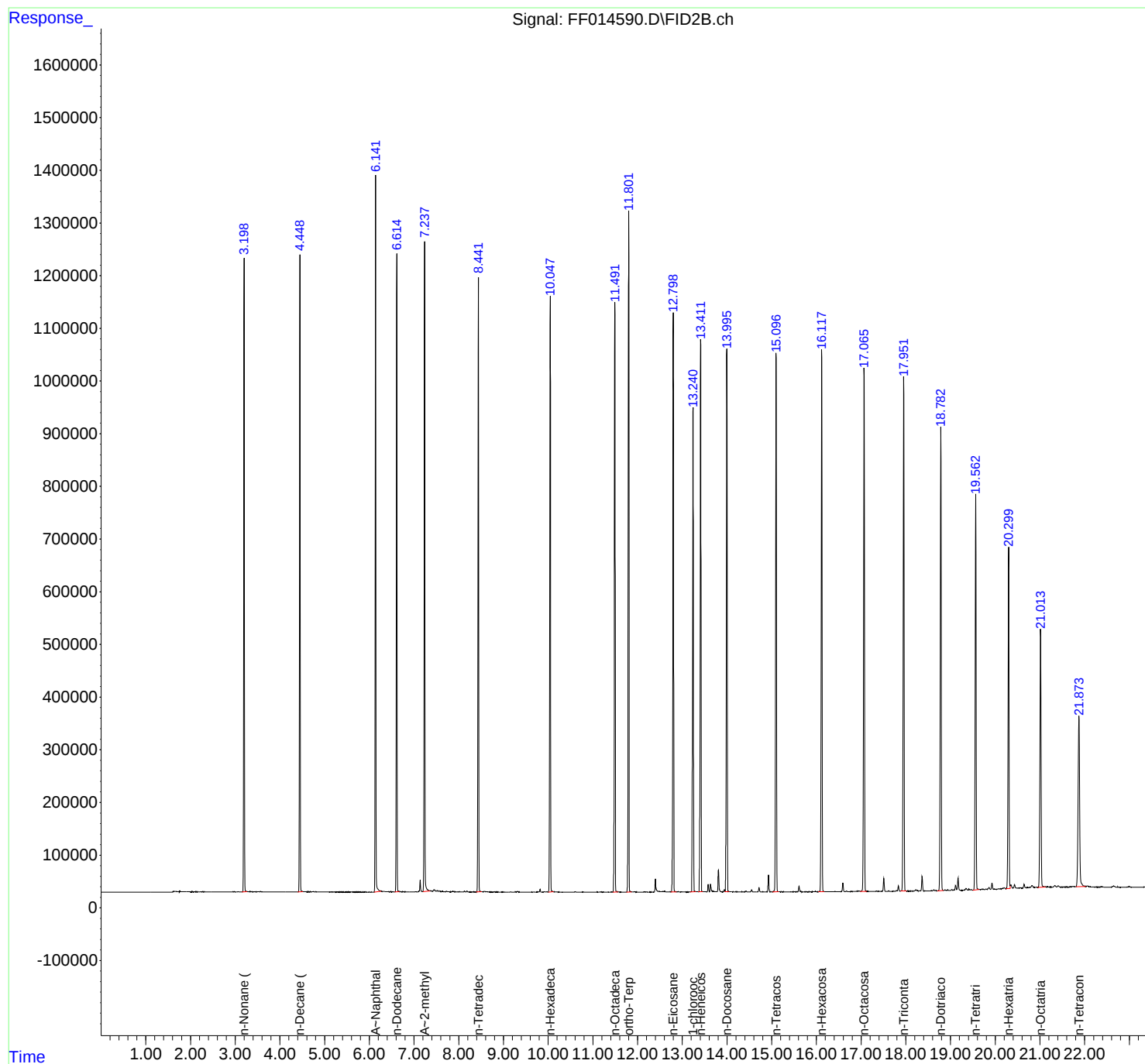
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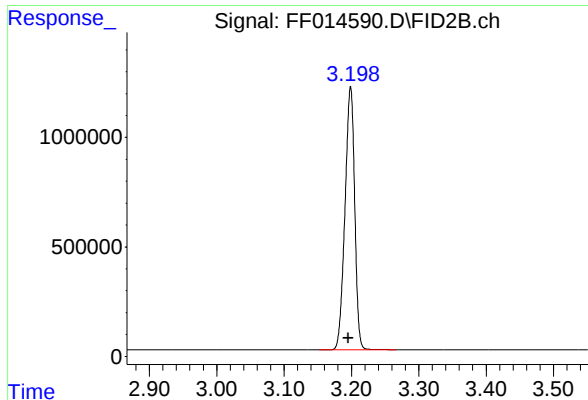
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Data File : FF014590.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2024 10:41
Operator : YP\AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 02 12:03:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Wed Oct 02 11:59:41 2024
Response via : Initial Calibration
Integrator: ChemStation

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

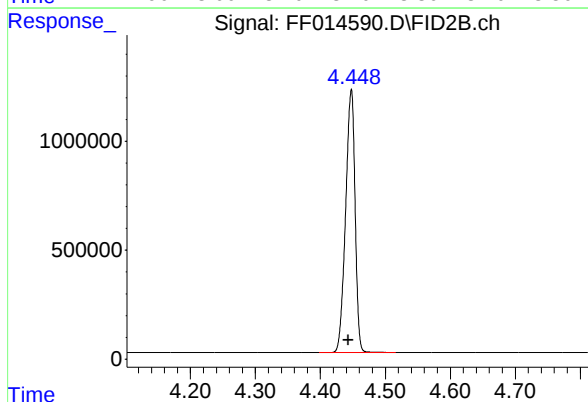




#1 n-Nonane (C9)

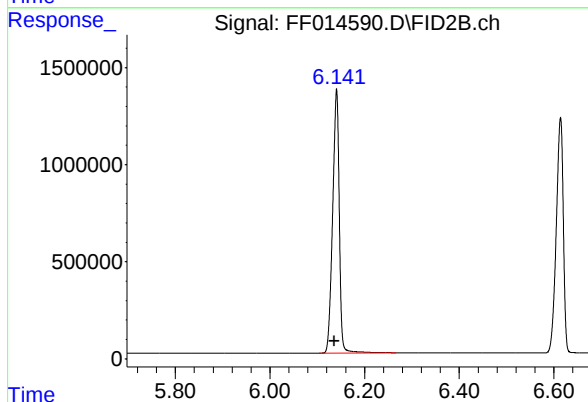
R.T.: 3.199 min
Delta R.T.: 0.004 min
Response: 11997334
Conc: 97.38 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



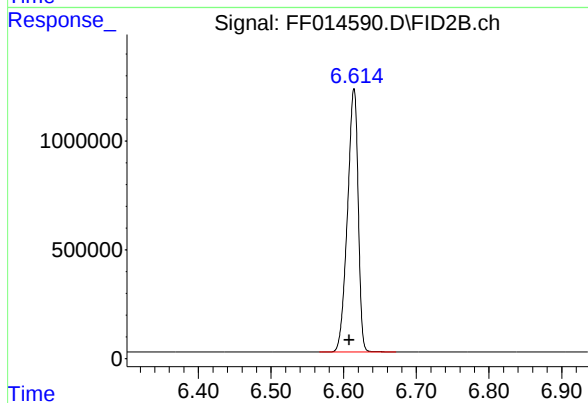
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: 0.005 min
Response: 12220456
Conc: 97.37 ug/ml



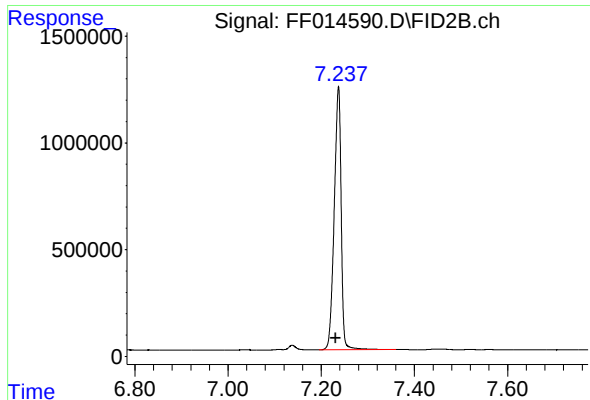
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: 0.005 min
Response: 13262925
Conc: 99.06 ug/ml



#4 n-Dodecane (C12)

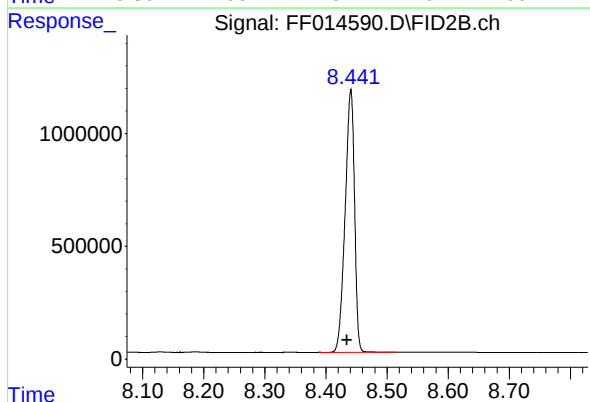
R.T.: 6.614 min
Delta R.T.: 0.006 min
Response: 12398268
Conc: 97.33 ug/ml



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

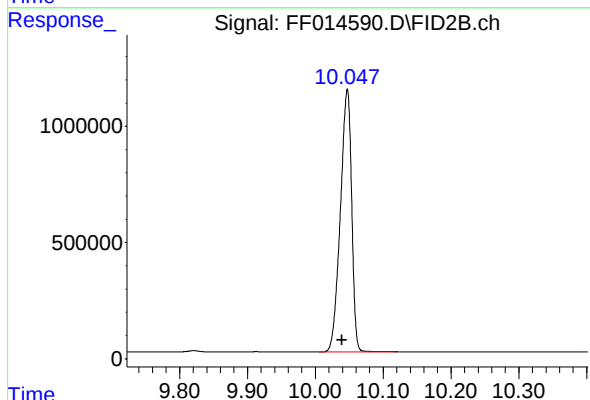
R.T.: 7.237 min
Delta R.T.: 0.006 min
Response: 12813764
Conc: 100.65 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



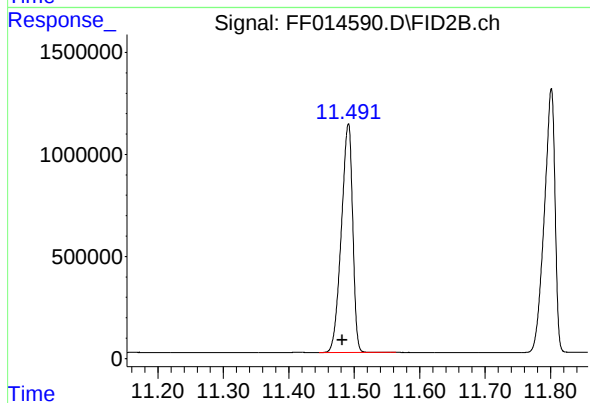
#6 n-Tetradecane (C14)

R.T.: 8.441 min
Delta R.T.: 0.006 min
Response: 12455499
Conc: 97.82 ug/ml



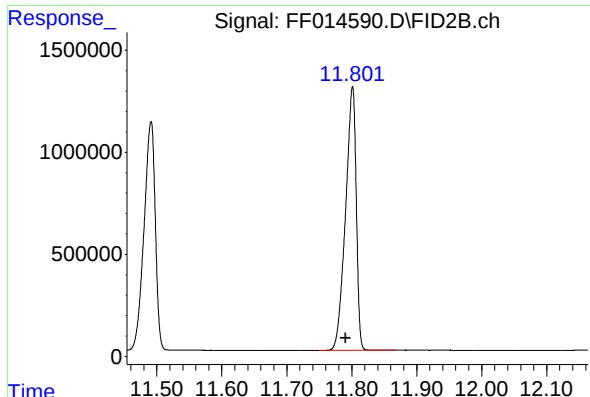
#7 n-Hexadecane (C16)

R.T.: 10.047 min
Delta R.T.: 0.008 min
Response: 13055643
Conc: 98.50 ug/ml



#8 n-Octadecane (C18)

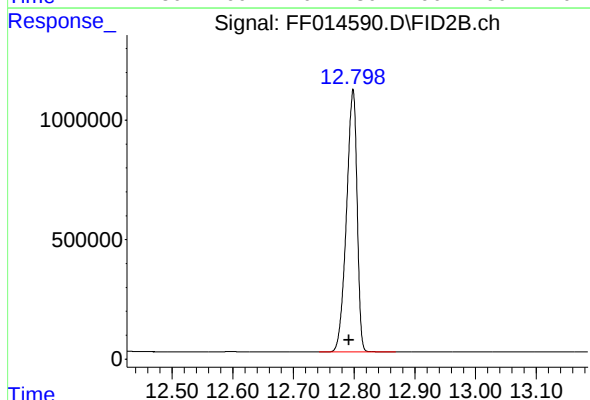
R.T.: 11.491 min
Delta R.T.: 0.009 min
Response: 13508148
Conc: 97.98 ug/ml



#9 ortho-Terphenyl (SURR)

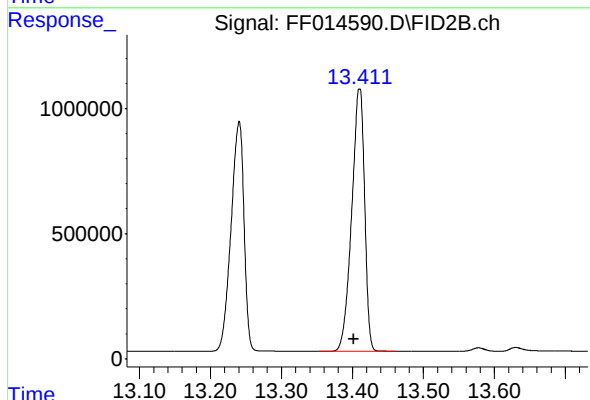
R.T.: 11.801 min
Delta R.T.: 0.011 min
Response: 14753108
Conc: 97.08 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



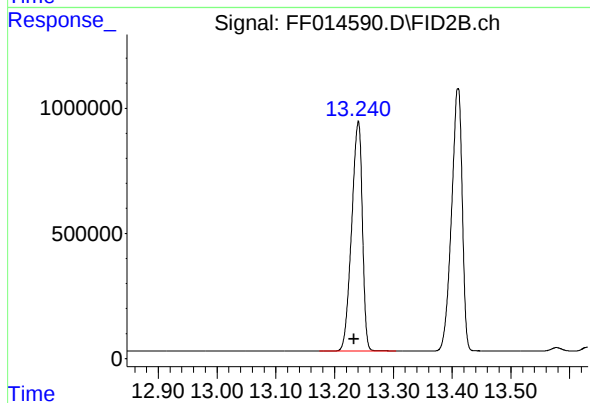
#10 n-Eicosane (C20)

R.T.: 12.798 min
Delta R.T.: 0.007 min
Response: 13321507
Conc: 97.24 ug/ml



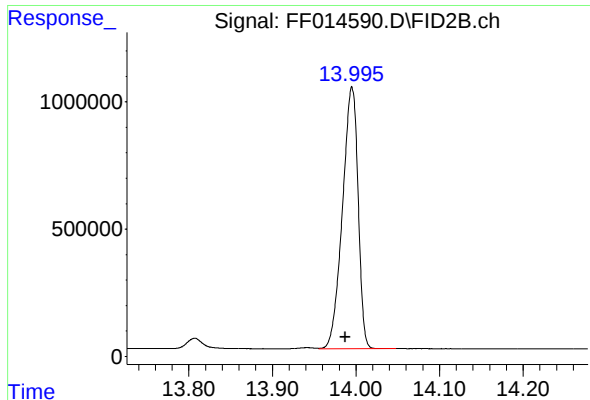
#11 n-Heneicosane (C21)

R.T.: 13.410 min
Delta R.T.: 0.008 min
Response: 13239136
Conc: 97.09 ug/ml



#12 1-chlorooctadecane (SURR)

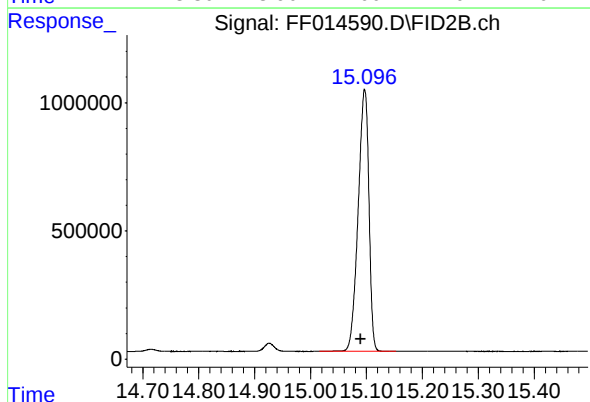
R.T.: 13.241 min
Delta R.T.: 0.007 min
Response: 11646345
Conc: 97.87 ug/ml



#13 n-Docosane (C22)

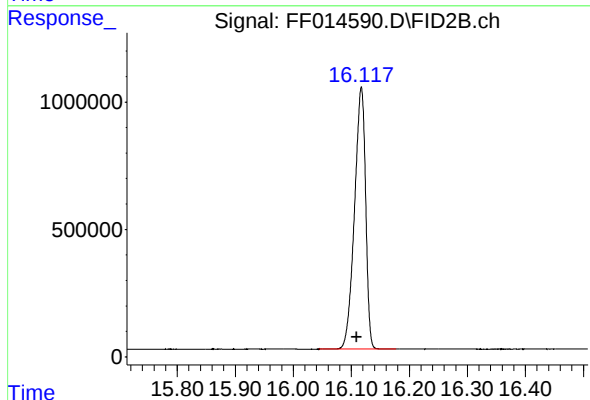
R.T.: 13.995 min
Delta R.T.: 0.008 min
Response: 13367640
Conc: 97.16 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



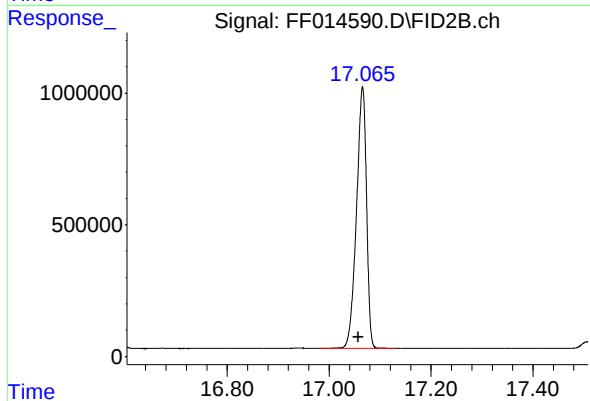
#14 n-Tetracosane (C24)

R.T.: 15.097 min
Delta R.T.: 0.007 min
Response: 13675214
Conc: 97.25 ug/ml



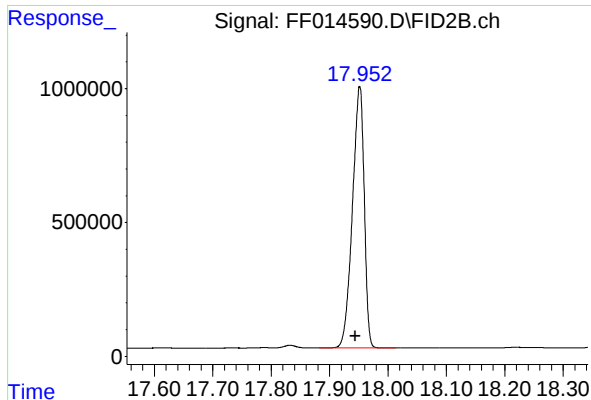
#15 n-Hexacosane (C26)

R.T.: 16.117 min
Delta R.T.: 0.008 min
Response: 13684005
Conc: 96.89 ug/ml



#16 n-Octacosane (C28)

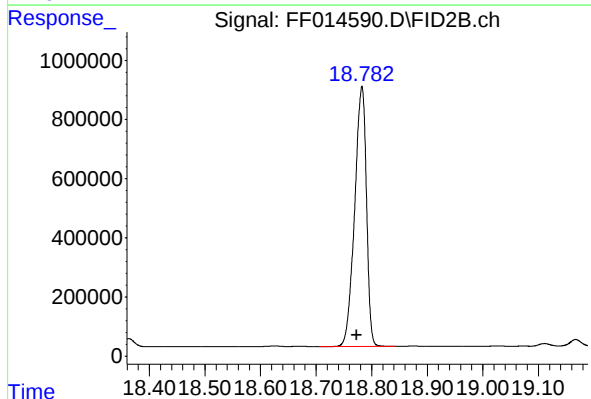
R.T.: 17.066 min
Delta R.T.: 0.008 min
Response: 13572763
Conc: 95.81 ug/ml



#17 n-Tricontane (C30)

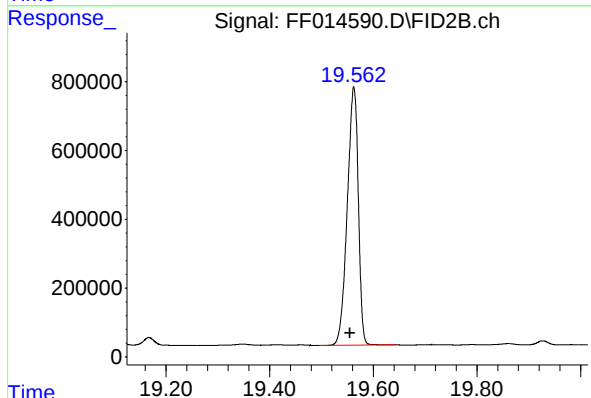
R.T.: 17.952 min
Delta R.T.: 0.008 min
Response: 13691100
Conc: 94.01 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



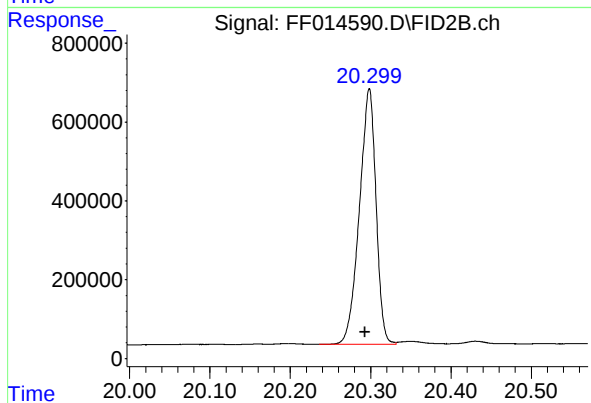
#18 n-Dotriacontane (C32)

R.T.: 18.783 min
Delta R.T.: 0.010 min
Response: 12977998
Conc: 91.92 ug/ml



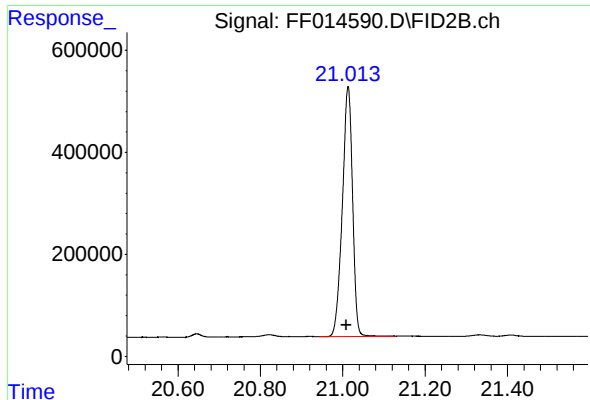
#19 n-Tetratriacontane (C34)

R.T.: 19.562 min
Delta R.T.: 0.007 min
Response: 11073225
Conc: 92.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.298 min
Delta R.T.: 0.005 min
Response: 9316860
Conc: 92.86 ug/ml



#21 n-Octatriacontane (C38)

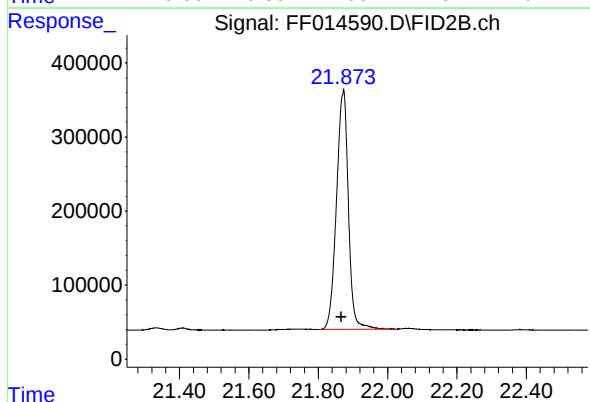
R.T.: 21.013 min
Delta R.T.: 0.004 min
Response: 8422193
Conc: 95.09 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: 0.007 min
Response: 7684354
Conc: 95.83 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014591.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 11:10
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 02 12:02:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 11:59:41 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)	11.795	7448224	49.011 ug/ml
Spiked Amount 50.000		Recovery =	98.02%
12) S 1-chlorooctadecane (S...	13.235	5878712	49.400 ug/ml
Spiked Amount 50.000		Recovery =	98.80%
Target Compounds			
1) T n-Nonane (C9)	3.196	6101377	49.526 ug/ml
2) T n-Decane (C10)	4.445	6195992	49.367 ug/ml
3) T A~Naphthalene (C11.7)	6.137	6653247	49.692 ug/ml
4) T n-Dodecane (C12)	6.610	6248694	49.054 ug/ml
5) T A~2-methylnaphthalene...	7.232	6341203	49.808 ug/ml
6) T n-Tetradecane (C14)	8.437	6259665	49.161 ug/ml
7) T n-Hexadecane (C16)	10.042	6540343	49.345 ug/ml
8) T n-Octadecane (C18)	11.486	6815464	49.436 ug/ml
10) T n-Eicosane (C20)	12.793	6755784	49.315 ug/ml
11) T n-Heneicosane (C21)	13.405	6725595	49.324 ug/ml
13) T n-Docosane (C22)	13.990	6828720	49.635 ug/ml
14) T n-Tetracosane (C24)	15.091	7058534	50.195 ug/ml
15) T n-Hexacosane (C26)	16.112	7085635	50.171 ug/ml
16) T n-Octacosane (C28)	17.060	7102886	50.140 ug/ml
17) T n-Tricontane (C30)	17.946	7226084	49.618 ug/ml
18) T n-Dotriacontane (C32)	18.777	6866417	48.635 ug/ml
19) T n-Tetratriacontane (C34)	19.557	5847421	48.655 ug/ml
20) T n-Hexatriacontane (C36)	20.295	4861347	48.453 ug/ml
21) T n-Octatriacontane (C38)	21.010	4304448	48.601 ug/ml
22) T n-Tetracontane (C40)	21.869	3835639	47.833 ug/ml

(f)=RT Delta > 1/2 Window

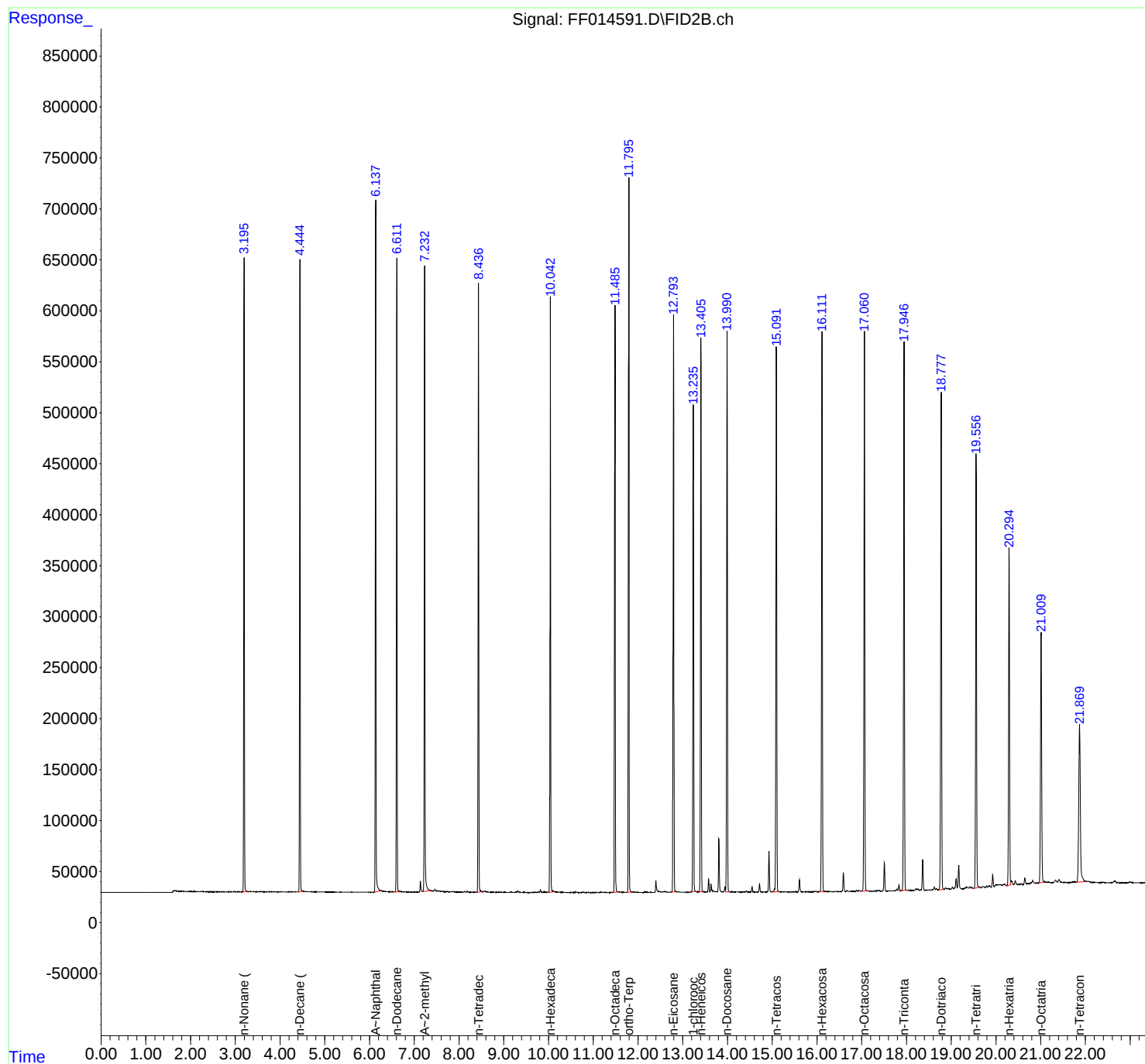
(m)=manual int.

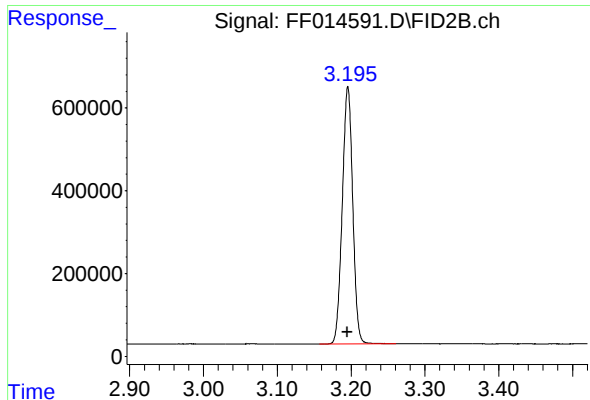
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
Data File : FF014591.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2024 11:10
Operator : YP\AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_F
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50 PPM ALIPHATIC HC STD2

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Signal Info : 20M x 0.18mm x 0.18um

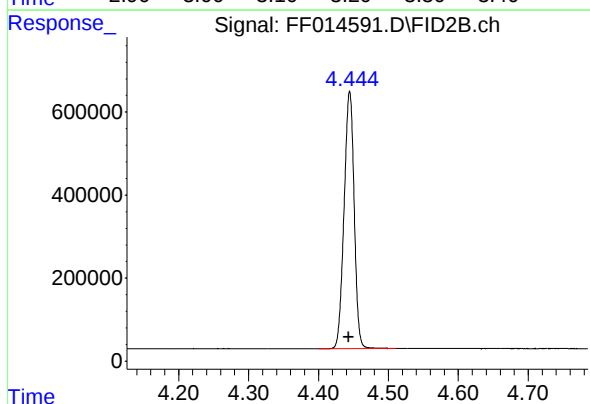




#1 n-Nonane (C9)

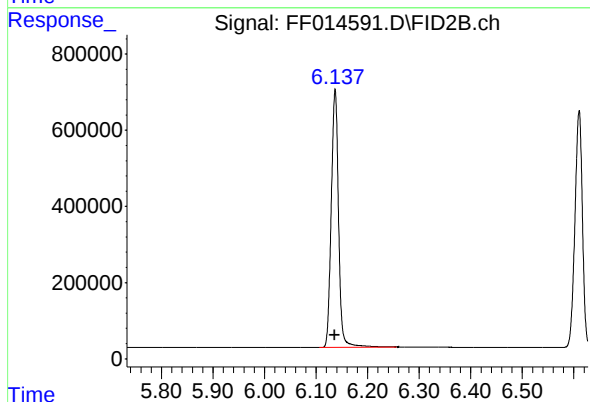
R.T.: 3.196 min
Delta R.T.: 0.000 min
Response: 6101377
Conc: 49.53 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



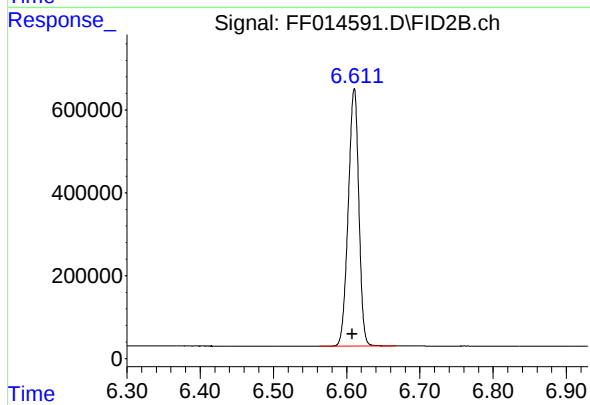
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: 0.002 min
Response: 6195992
Conc: 49.37 ug/ml



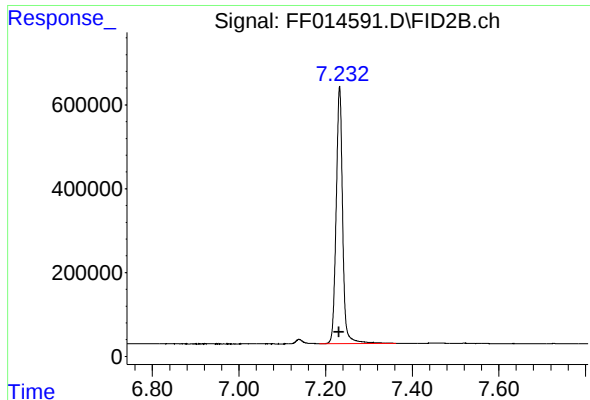
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 6653247
Conc: 49.69 ug/ml



#4 n-Dodecane (C12)

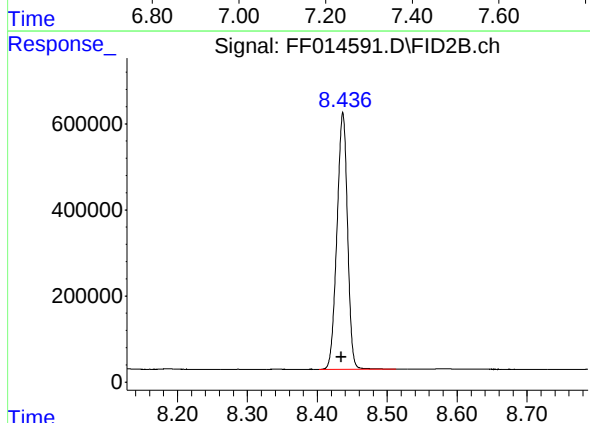
R.T.: 6.610 min
Delta R.T.: 0.003 min
Response: 6248694
Conc: 49.05 ug/ml



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

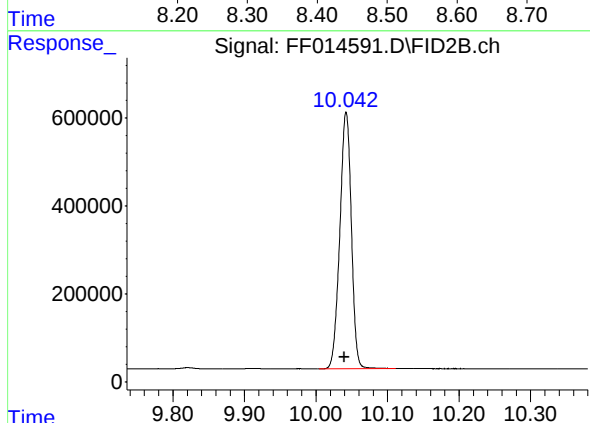
R.T.: 7.232 min
Delta R.T.: 0.002 min
Response: 6341203
Conc: 49.81 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



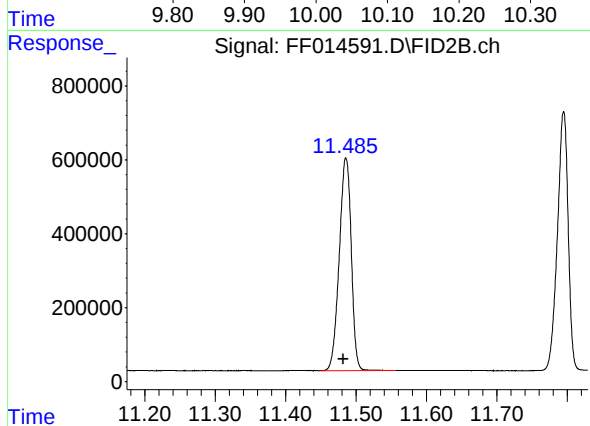
#6 n-Tetradecane (C14)

R.T.: 8.437 min
Delta R.T.: 0.002 min
Response: 6259665
Conc: 49.16 ug/ml



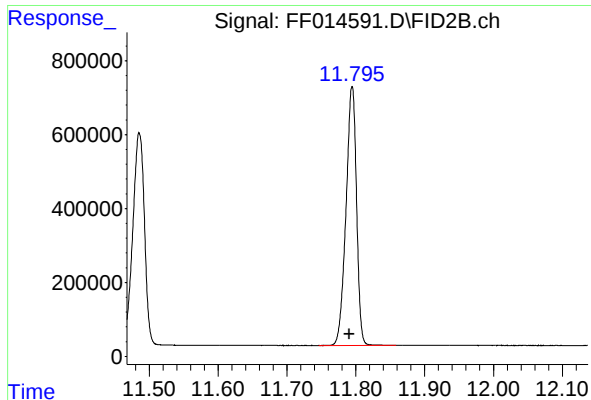
#7 n-Hexadecane (C16)

R.T.: 10.042 min
Delta R.T.: 0.002 min
Response: 6540343
Conc: 49.34 ug/ml



#8 n-Octadecane (C18)

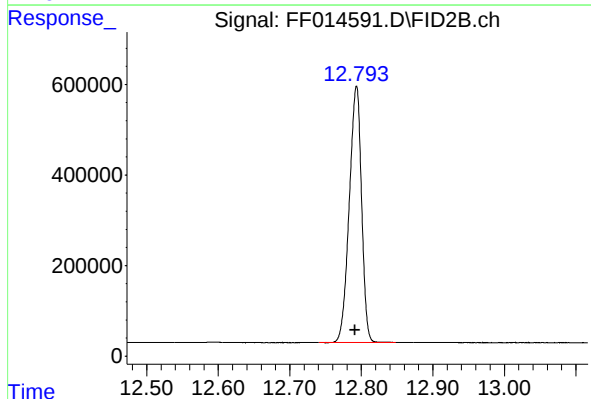
R.T.: 11.486 min
Delta R.T.: 0.004 min
Response: 6815464
Conc: 49.44 ug/ml



#9 ortho-Terphenyl (SURR)

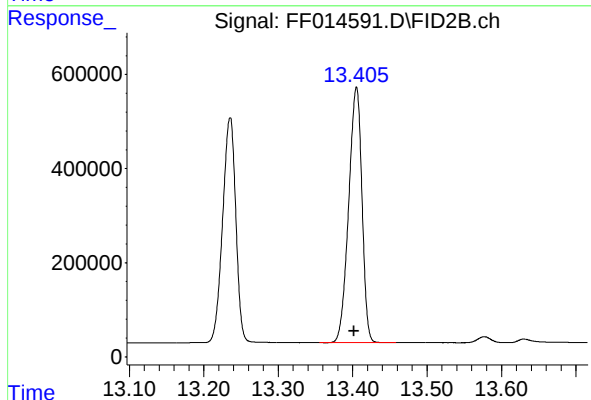
R.T.: 11.795 min
Delta R.T.: 0.004 min
Response: 7448224
Conc: 49.01 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



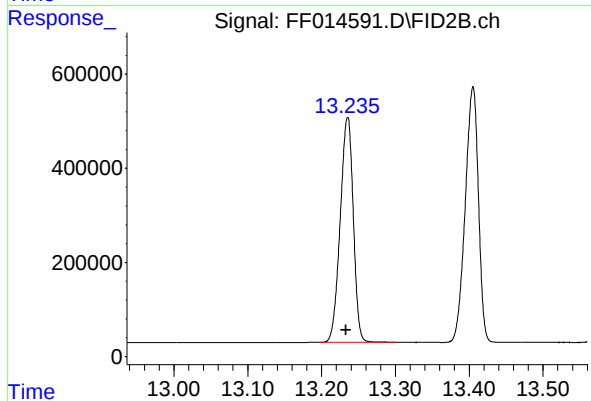
#10 n-Eicosane (C20)

R.T.: 12.793 min
Delta R.T.: 0.002 min
Response: 6755784
Conc: 49.32 ug/ml



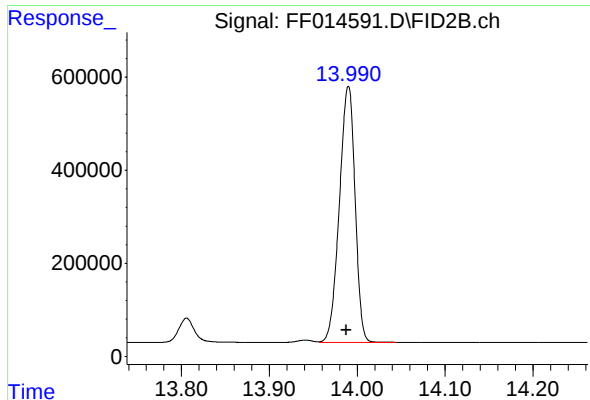
#11 n-Heneicosane (C21)

R.T.: 13.405 min
Delta R.T.: 0.003 min
Response: 6725595
Conc: 49.32 ug/ml



#12 1-chlorooctadecane (SURR)

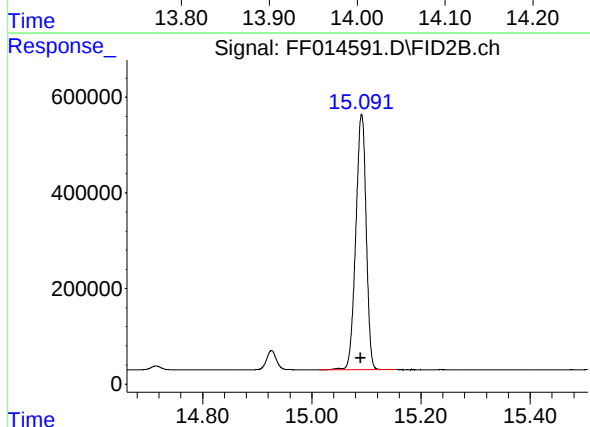
R.T.: 13.235 min
Delta R.T.: 0.002 min
Response: 5878712
Conc: 49.40 ug/ml



#13 n-Docosane (C22)

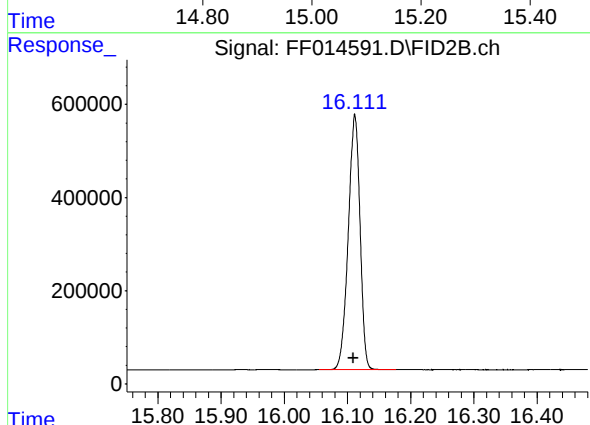
R.T.: 13.990 min
Delta R.T.: 0.003 min
Response: 6828720
Conc: 49.64 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



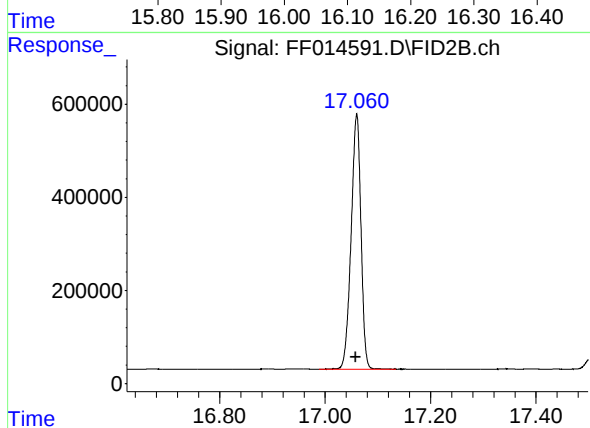
#14 n-Tetracosane (C24)

R.T.: 15.091 min
Delta R.T.: 0.002 min
Response: 7058534
Conc: 50.19 ug/ml



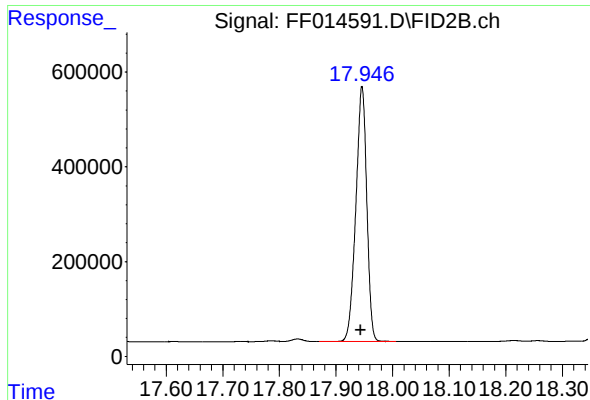
#15 n-Hexacosane (C26)

R.T.: 16.112 min
Delta R.T.: 0.003 min
Response: 7085635
Conc: 50.17 ug/ml



#16 n-Octacosane (C28)

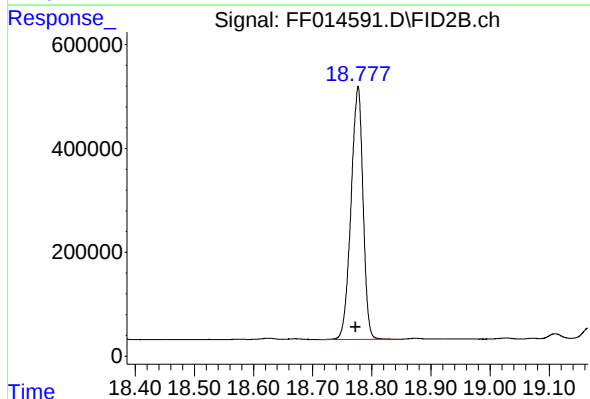
R.T.: 17.060 min
Delta R.T.: 0.002 min
Response: 7102886
Conc: 50.14 ug/ml



#17 n-Tricontane (C30)

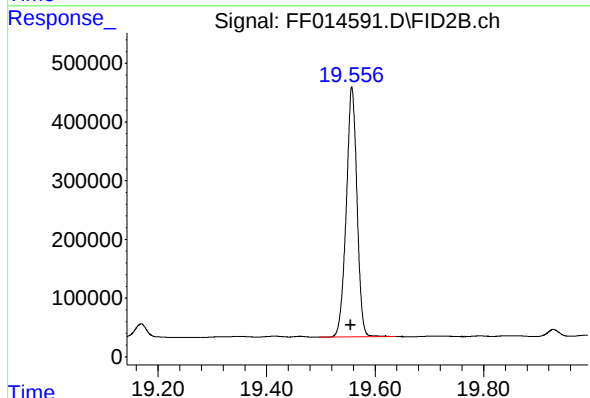
R.T.: 17.946 min
Delta R.T.: 0.002 min
Response: 7226084
Conc: 49.62 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



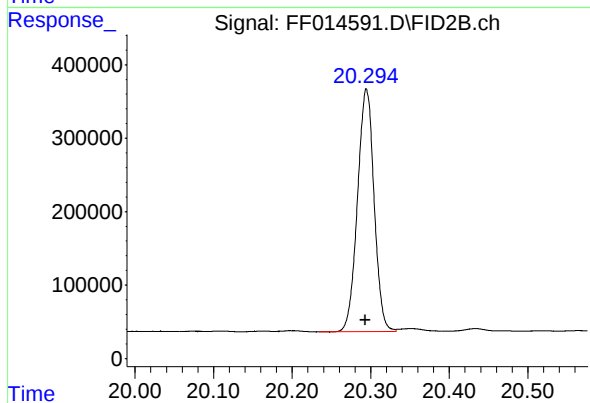
#18 n-Dotriacontane (C32)

R.T.: 18.777 min
Delta R.T.: 0.004 min
Response: 6866417
Conc: 48.63 ug/ml



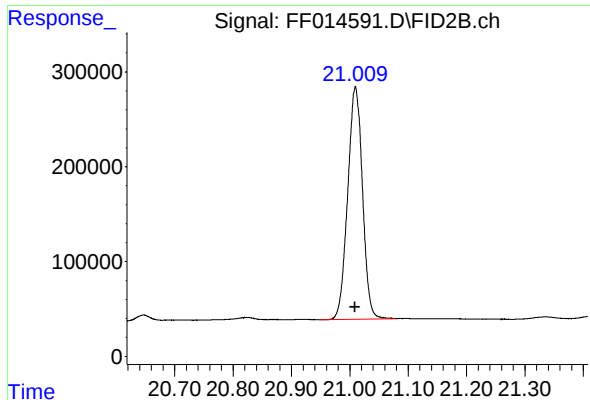
#19 n-Tetratriacontane (C34)

R.T.: 19.557 min
Delta R.T.: 0.002 min
Response: 5847421
Conc: 48.65 ug/ml



#20 n-Hexatriacontane (C36)

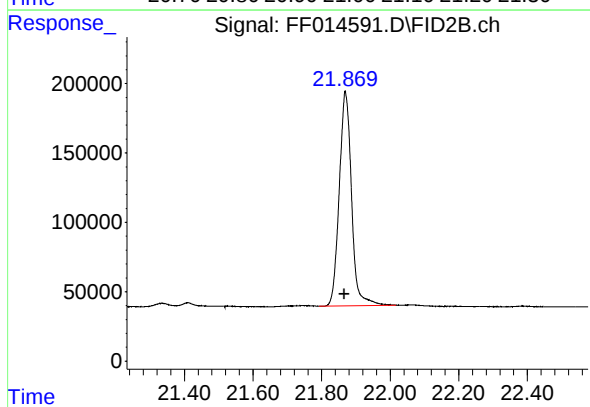
R.T.: 20.295 min
Delta R.T.: 0.002 min
Response: 4861347
Conc: 48.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.010 min
Delta R.T.: 0.000 min
Response: 4304448
Conc: 48.60 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: 0.002 min
Response: 3835639
Conc: 47.83 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014592.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 11:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 02 11:59:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 11:59:41 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)	11.791	3128186	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.233	2430835	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.195	2528350	20.000 ug/ml
2) T n-Decane (C10)	4.443	2576283	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.136	2703046	20.000 ug/ml
4) T n-Dodecane (C12)	6.608	2615672	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.231	2529755	20.000 ug/ml
6) T n-Tetradecane (C14)	8.434	2602051	20.000 ug/ml
7) T n-Hexadecane (C16)	10.040	2690618	20.000 ug/ml
8) T n-Octadecane (C18)	11.482	2812940	20.000 ug/ml
10) T n-Eicosane (C20)	12.791	2815381	20.000 ug/ml
11) T n-Heneicosane (C21)	13.402	2806432	20.000 ug/ml
13) T n-Docosane (C22)	13.987	2829603	20.000 ug/ml
14) T n-Tetracosane (C24)	15.090	2889858	20.000 ug/ml
15) T n-Hexacosane (C26)	16.109	2912356	20.000 ug/ml
16) T n-Octacosane (C28)	17.058	2951860	20.000 ug/ml
17) T n-Tricontane (C30)	17.944	3087107	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.773	3051722	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.555	2592614	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.293	2149904	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.009	1858235	20.000 ug/ml
22) T n-Tetracontane (C40)	21.866	1670660	20.000 ug/ml

(f)=RT Delta > 1/2 Window

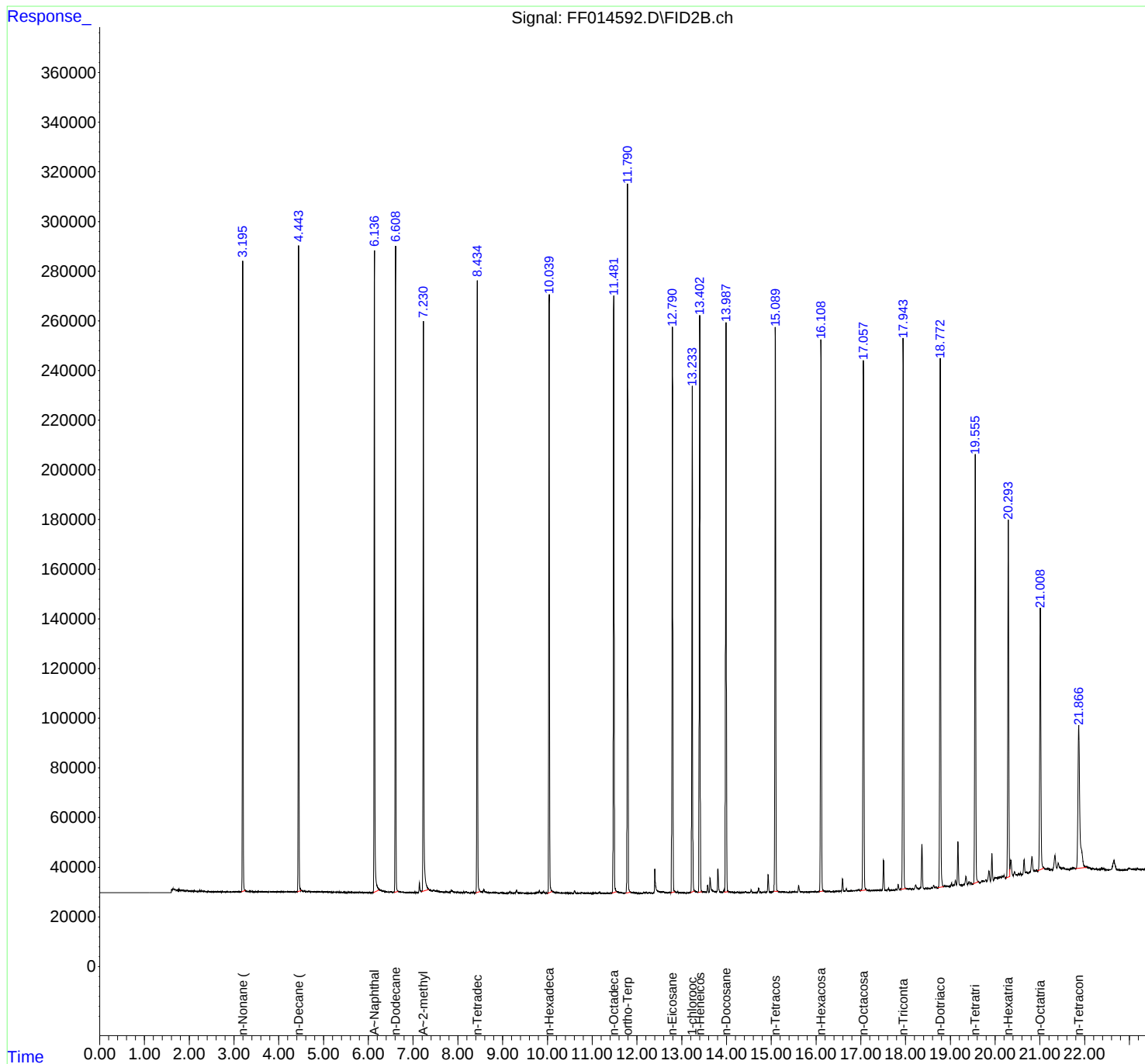
(m)=manual int.

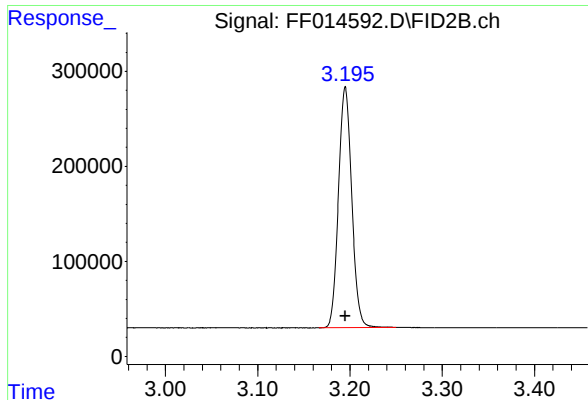
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
Data File : FF014592.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2024 11:39
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 02 11:59:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Wed Oct 02 11:59:41 2024
Response via : Initial Calibration
Integrator: ChemStation

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

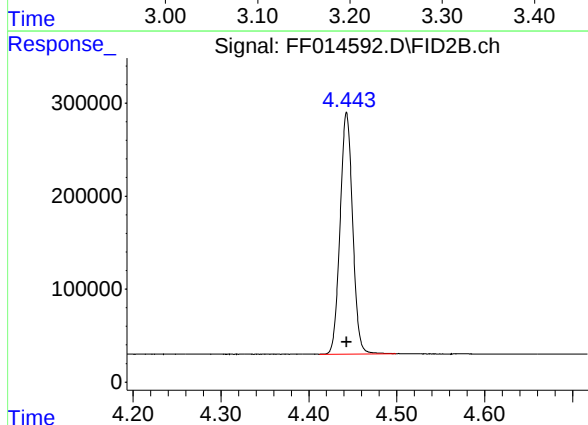




#1 n-Nonane (C9)

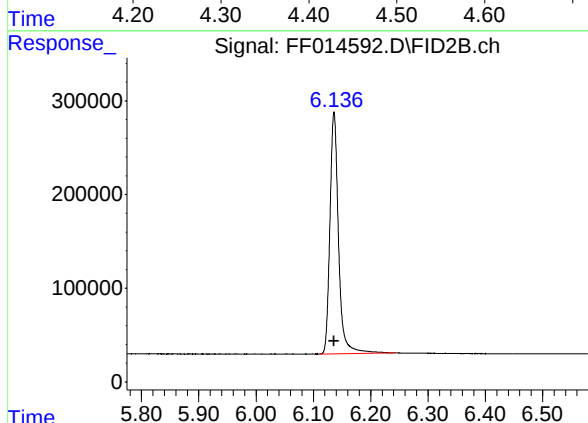
R.T.: 3.195 min
Delta R.T.: 0.000 min
Response: 2528350
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



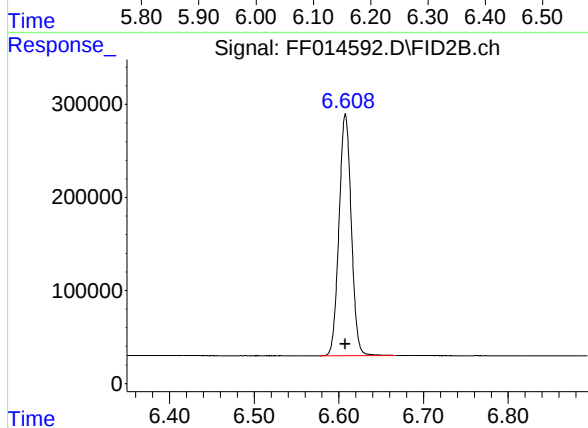
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 2576283
Conc: 20.00 ug/ml



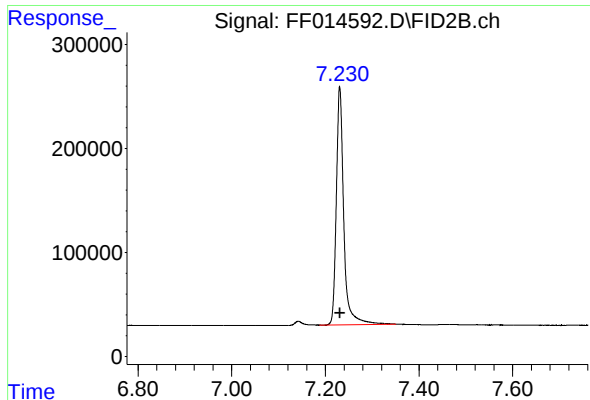
#3 A~Naphthalene (C11.7)

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 2703046
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

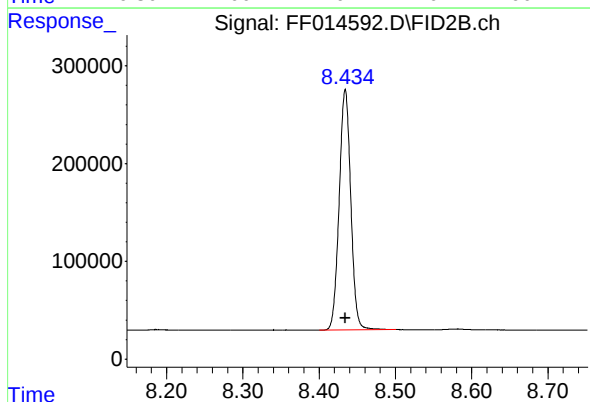
R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 2615672
Conc: 20.00 ug/ml



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

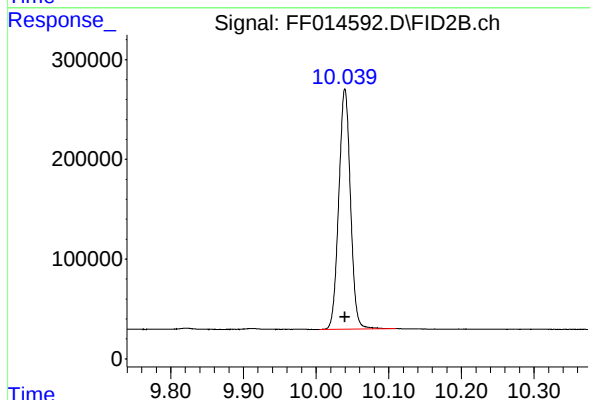
R.T.: 7.231 min
Delta R.T.: 0.000 min
Response: 2529755
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



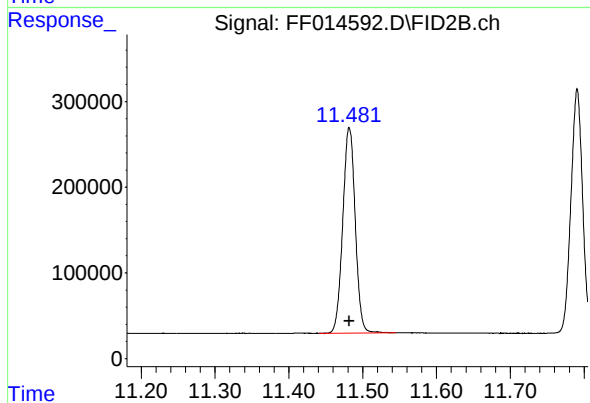
#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 2602051
Conc: 20.00 ug/ml



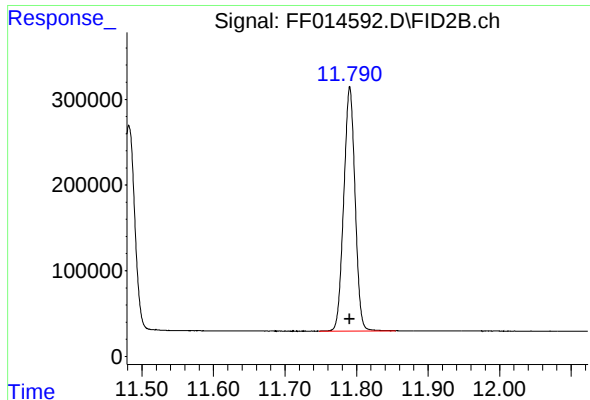
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.000 min
Response: 2690618
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

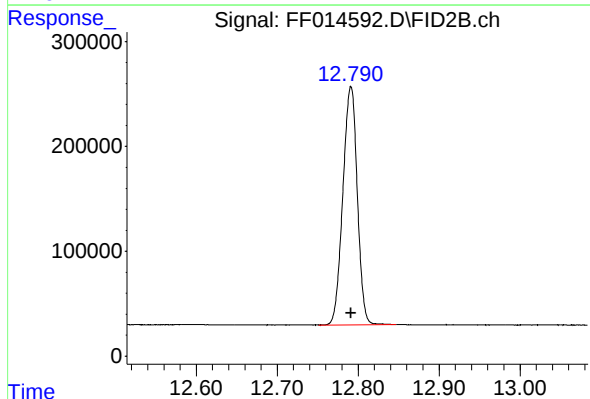
R.T.: 11.482 min
Delta R.T.: 0.000 min
Response: 2812940
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

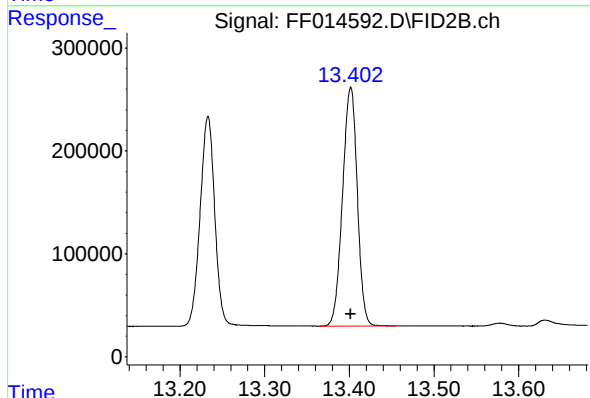
R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 3128186
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



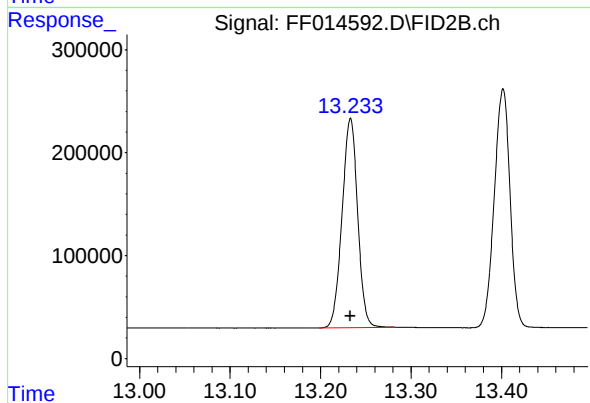
#10 n-Eicosane (C20)

R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 2815381
Conc: 20.00 ug/ml



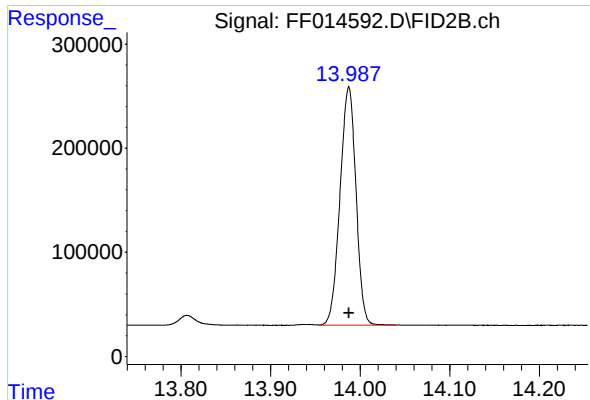
#11 n-Heneicosane (C21)

R.T.: 13.402 min
Delta R.T.: 0.000 min
Response: 2806432
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

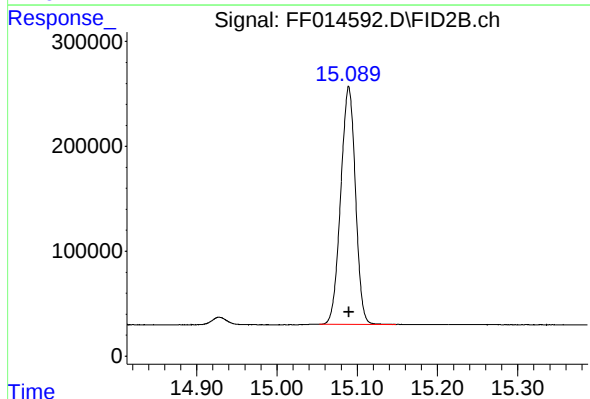
R.T.: 13.233 min
Delta R.T.: 0.000 min
Response: 2430835
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

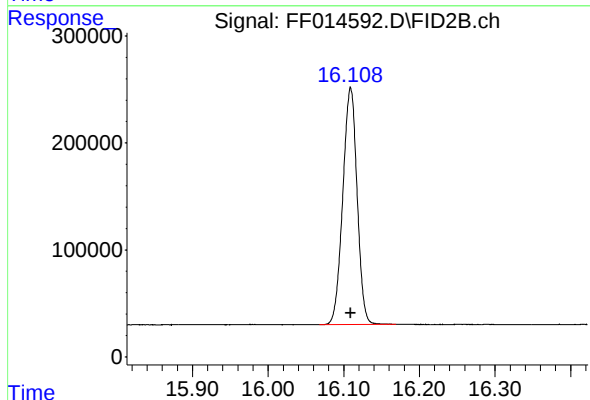
R.T.: 13.987 min
Delta R.T.: 0.000 min
Response: 2829603
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



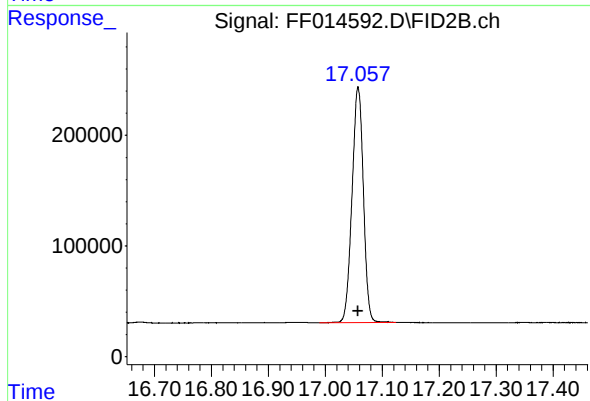
#14 n-Tetracosane (C24)

R.T.: 15.090 min
Delta R.T.: 0.000 min
Response: 2889858
Conc: 20.00 ug/ml



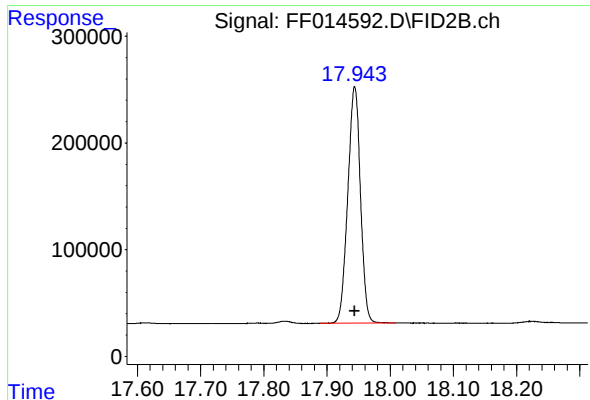
#15 n-Hexacosane (C26)

R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 2912356
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

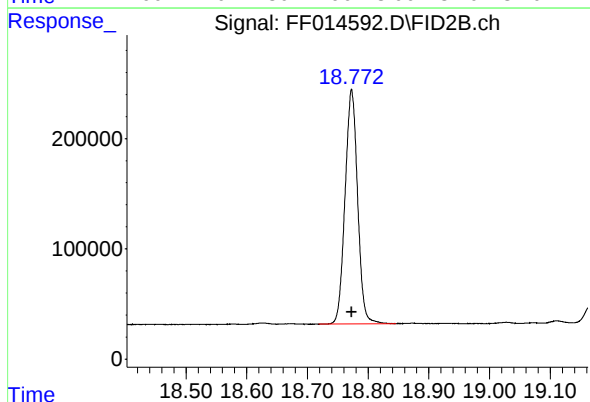
R.T.: 17.058 min
Delta R.T.: 0.000 min
Response: 2951860
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

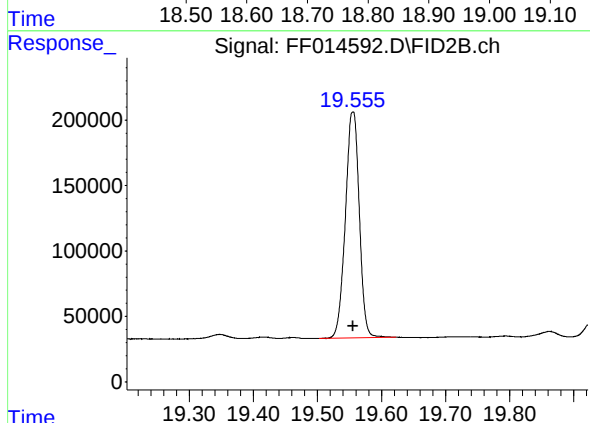
R.T.: 17.944 min
Delta R.T.: 0.000 min
Response: 3087107
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



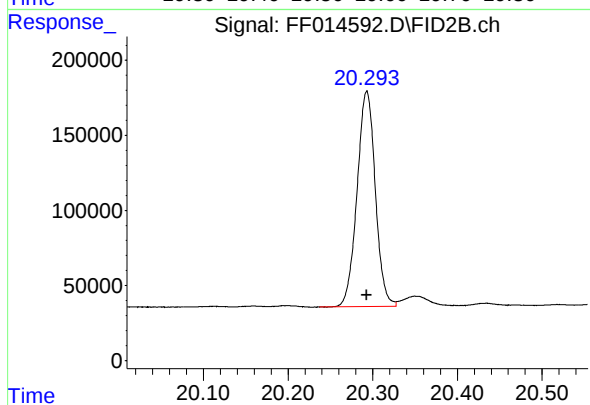
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: 0.000 min
Response: 3051722
Conc: 20.00 ug/ml



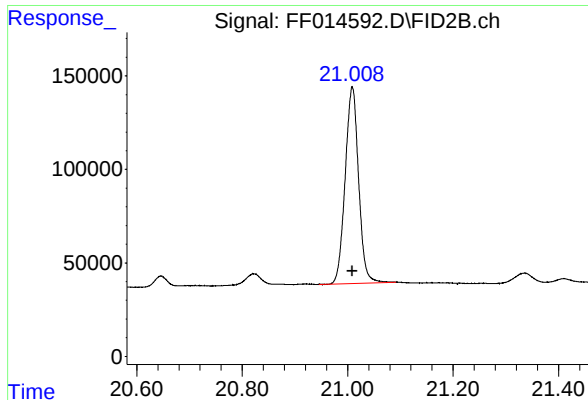
#19 n-Tetatriacontane (C34)

R.T.: 19.555 min
Delta R.T.: 0.000 min
Response: 2592614
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

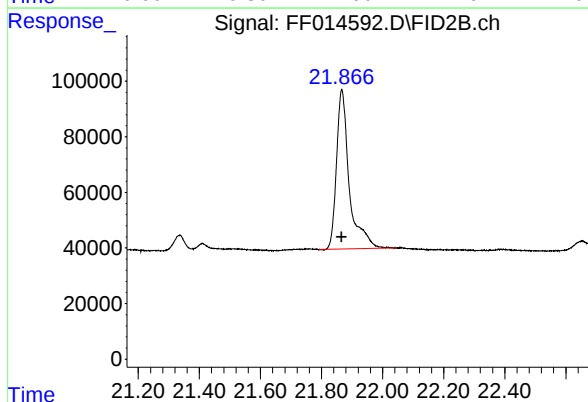
R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2149904
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.000 min
Response: 1858235
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: 0.000 min
Response: 1670660
Conc: 20.00 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014593.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 12:08
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 02 12:25:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:05:46 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.789	1569539	10.396 ug/ml
Spiked Amount 50.000		Recovery =	20.79%
12) S 1-chlorooctadecane (S...	13.233	1195854	10.089 ug/ml
Spiked Amount 50.000		Recovery =	20.18%
Target Compounds			
1) T n-Nonane (C9)	3.196	1269637	10.339 ug/ml
2) T n-Decane (C10)	4.443	1285699	10.287 ug/ml
3) T A~Naphthalene (C11.7)	6.137	1308059	9.790 ug/ml
4) T n-Dodecane (C12)	6.607	1303594	10.299 ug/ml
5) T A~2-methylnaphthalene...	7.232	1196696	9.412 ug/ml
6) T n-Tetradecane (C14)	8.434	1287686	10.170 ug/ml
7) T n-Hexadecane (C16)	10.040	1302175	9.868 ug/ml
8) T n-Octadecane (C18)	11.481	1369580	9.972 ug/ml
10) T n-Eicosane (C20)	12.789	1394791	10.228 ug/ml
11) T n-Heneicosane (C21)	13.400	1397516	10.295 ug/ml
13) T n-Docosane (C22)	13.987	1403728	10.228 ug/ml
14) T n-Tetracosane (C24)	15.087	1437085	10.206 ug/ml
15) T n-Hexacosane (C26)	16.108	1448058	10.242 ug/ml
16) T n-Octacosane (C28)	17.056	1478698	10.429 ug/ml
17) T n-Tricontane (C30)	17.942	1584773	10.910 ug/ml
18) T n-Dotriacontane (C32)	18.773	1585821	11.336 ug/ml
19) T n-Tetratriacontane (C34)	19.554	1336092	11.218 ug/ml
20) T n-Hexatriacontane (C36)	20.293	1109576	11.174 ug/ml
21) T n-Octatriacontane (C38)	21.008	896101	10.213 ug/ml
22) T n-Tetracontane (C40)	21.870	788562	9.978 ug/ml

(f)=RT Delta > 1/2 Window

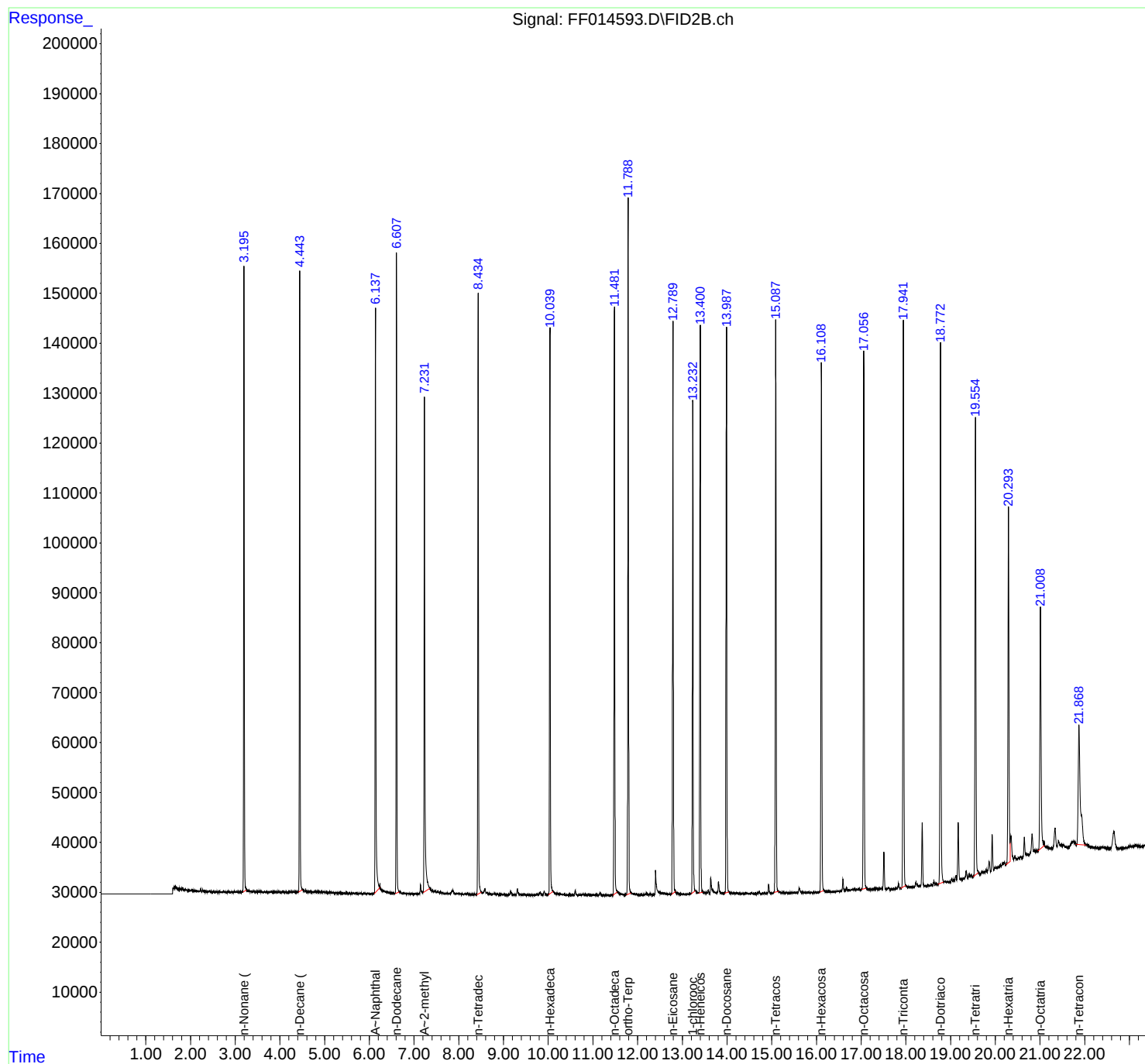
(m)=manual int.

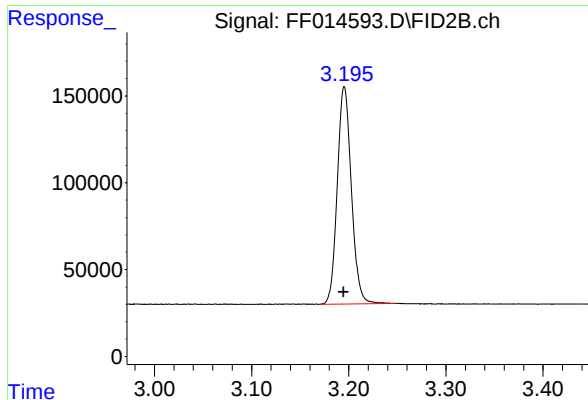
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
Data File : FF014593.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2024 12:08
Operator : YP\AJ
Sample : 10 PPM ALIPHATIC HC STD4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
Quant Time: Oct 02 12:25:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Wed Oct 02 12:05:46 2024
Response via : Initial Calibration
Integrator: ChemStation

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

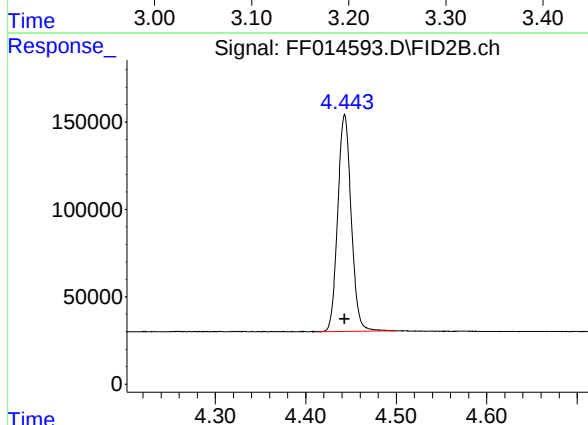




#1 n-Nonane (C9)

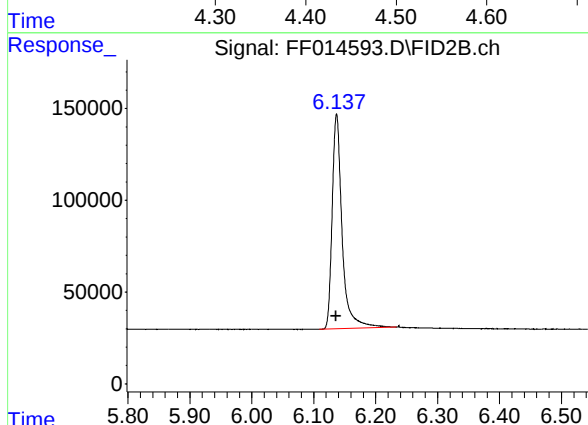
R.T.: 3.196 min
Delta R.T.: 0.000 min
Response: 1269637
Conc: 10.34 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



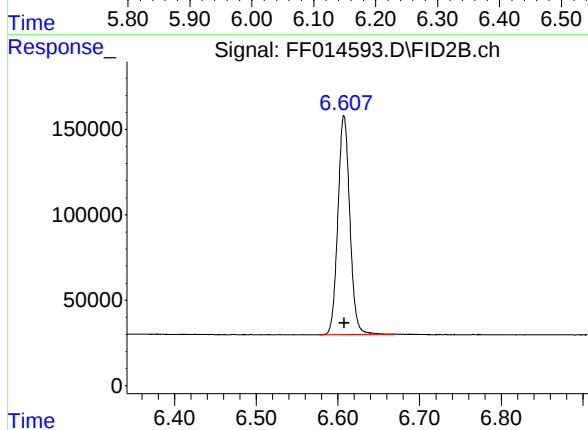
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 1285699
Conc: 10.29 ug/ml



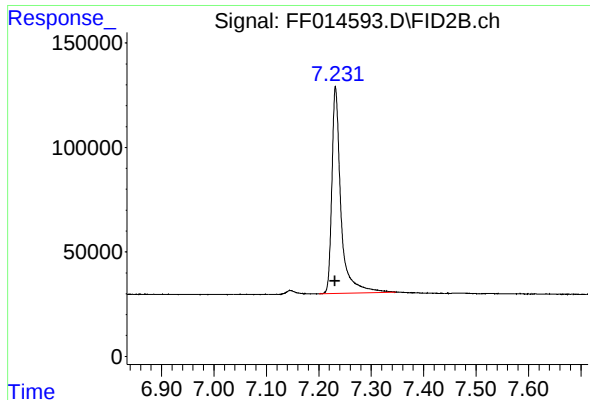
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 1308059
Conc: 9.79 ug/ml



#4 n-Dodecane (C12)

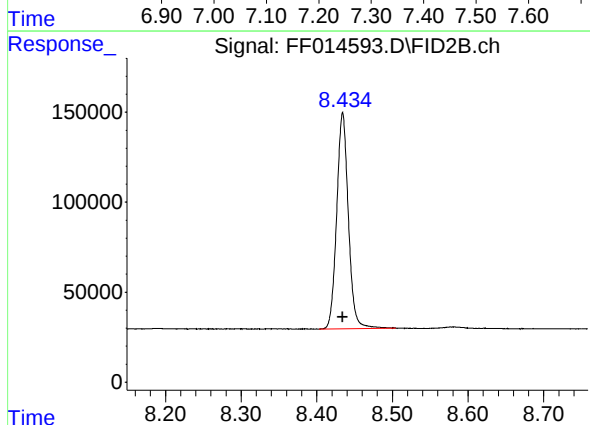
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 1303594
Conc: 10.30 ug/ml



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

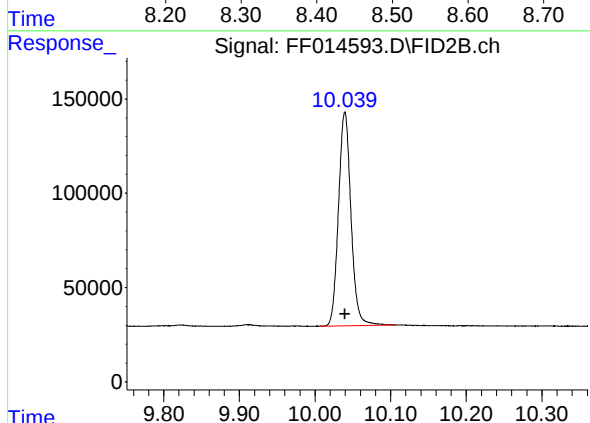
R.T.: 7.232 min
Delta R.T.: 0.001 min
Response: 1196696
Conc: 9.41 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



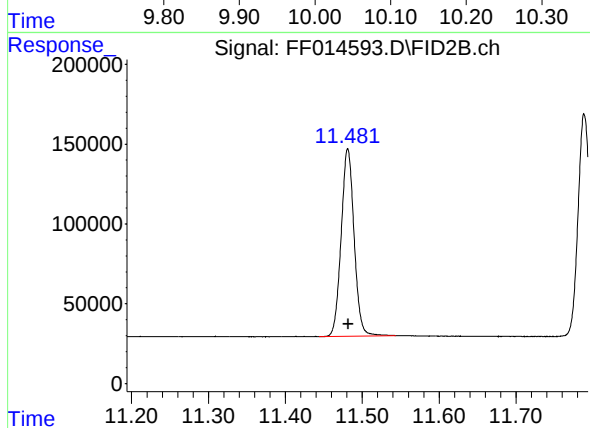
#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 1287686
Conc: 10.17 ug/ml



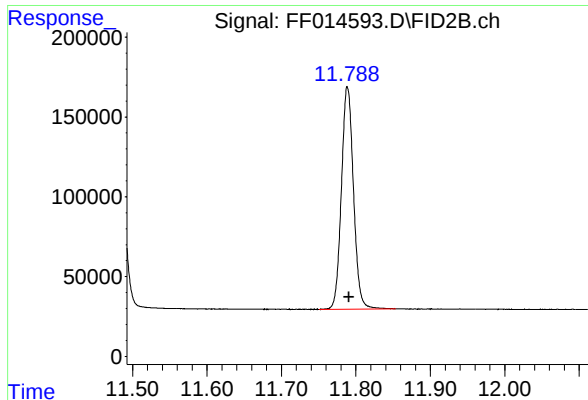
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.000 min
Response: 1302175
Conc: 9.87 ug/ml



#8 n-Octadecane (C18)

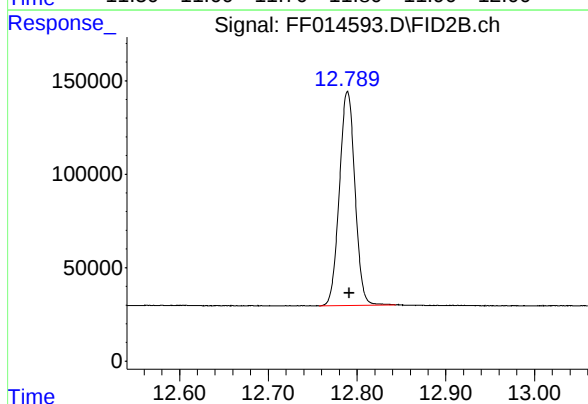
R.T.: 11.481 min
Delta R.T.: 0.000 min
Response: 1369580
Conc: 9.97 ug/ml



#9 ortho-Terphenyl (SURR)

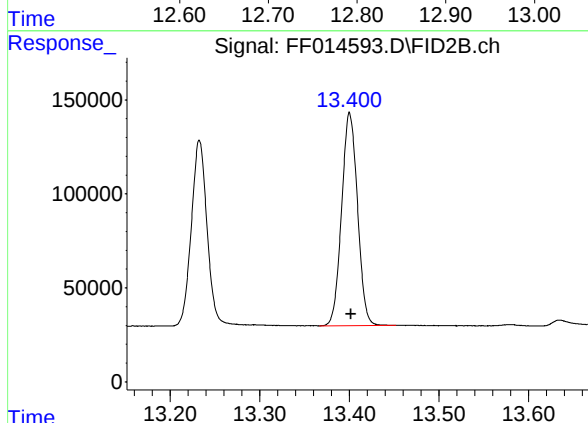
R.T.: 11.789 min
Delta R.T.: -0.002 min
Response: 1569539
Conc: 10.40 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



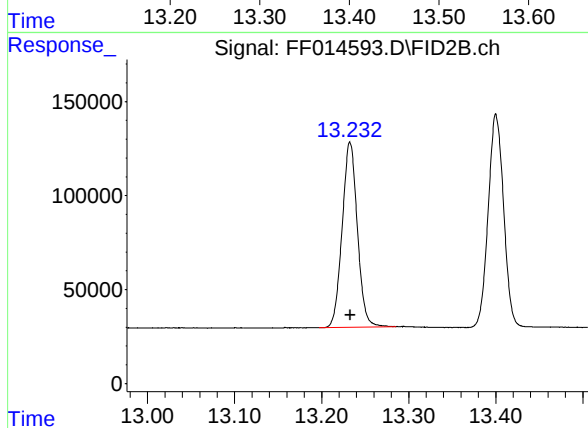
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: -0.002 min
Response: 1394791
Conc: 10.23 ug/ml



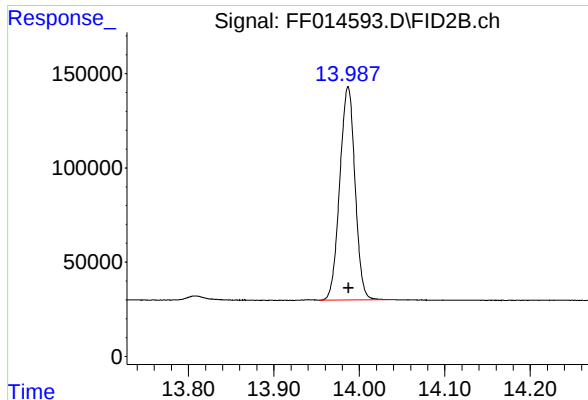
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: -0.002 min
Response: 1397516
Conc: 10.30 ug/ml



#12 1-chlorooctadecane (SURR)

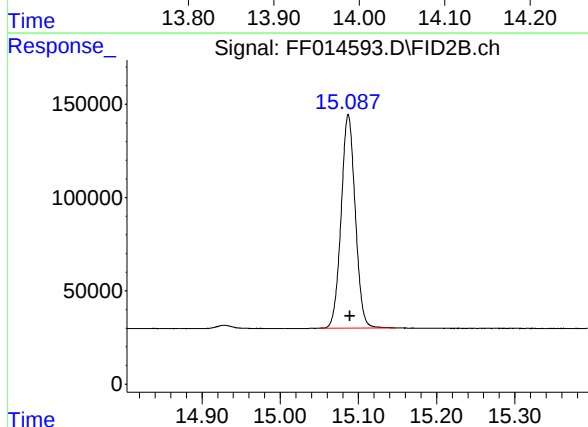
R.T.: 13.233 min
Delta R.T.: 0.000 min
Response: 1195854
Conc: 10.09 ug/ml



#13 n-Docosane (C22)

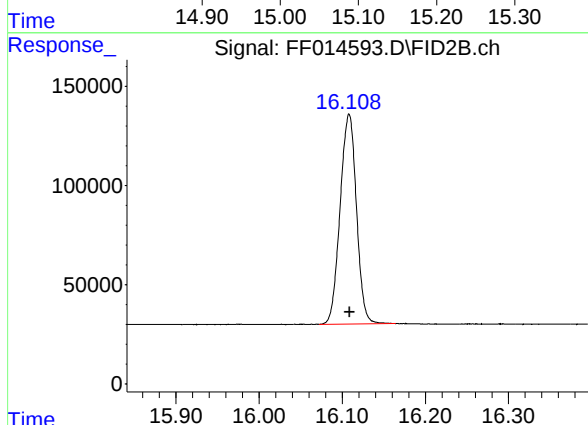
R.T.: 13.987 min
Delta R.T.: 0.000 min
Response: 1403728
Conc: 10.23 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



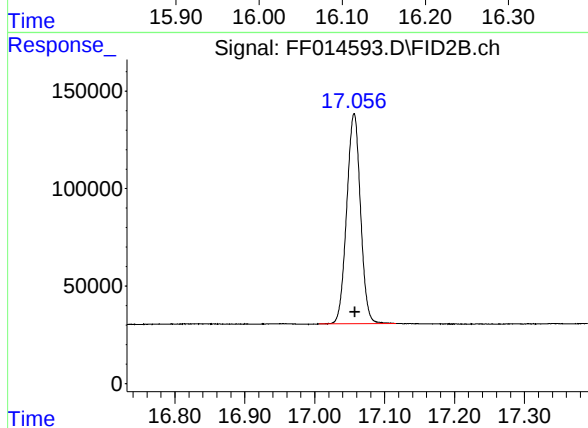
#14 n-Tetracosane (C24)

R.T.: 15.087 min
Delta R.T.: -0.002 min
Response: 1437085
Conc: 10.21 ug/ml



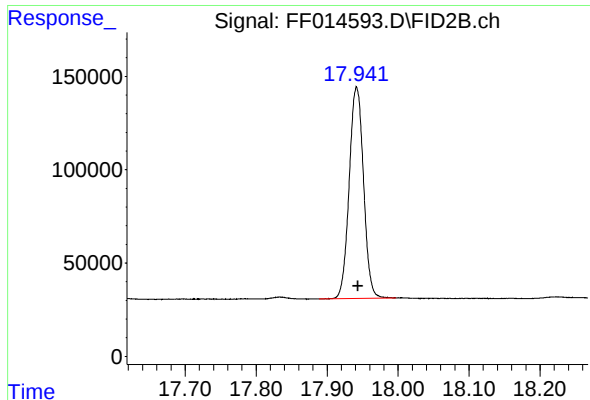
#15 n-Hexacosane (C26)

R.T.: 16.108 min
Delta R.T.: 0.000 min
Response: 1448058
Conc: 10.24 ug/ml



#16 n-Octacosane (C28)

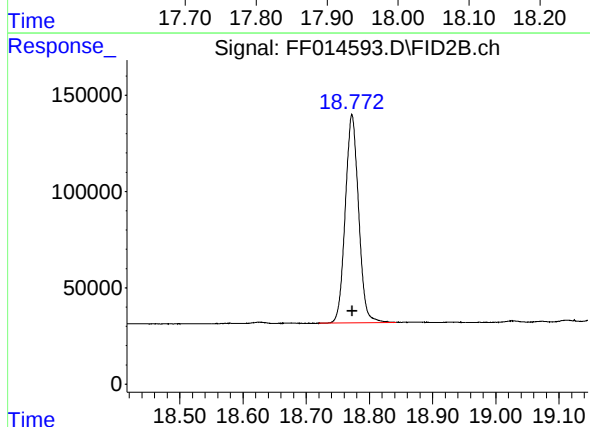
R.T.: 17.056 min
Delta R.T.: -0.001 min
Response: 1478698
Conc: 10.43 ug/ml



#17 n-Tricontane (C30)

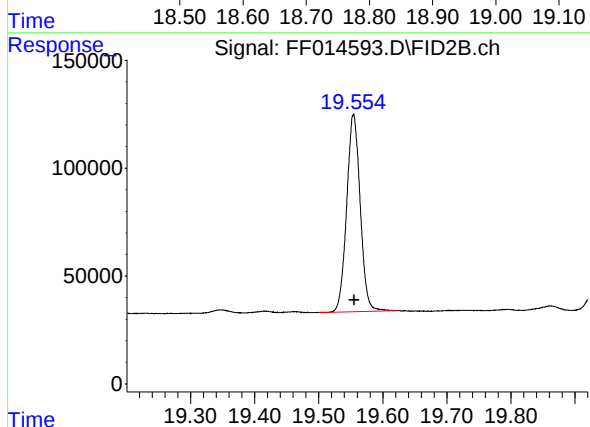
R.T.: 17.942 min
Delta R.T.: -0.002 min
Response: 1584773
Conc: 10.91 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



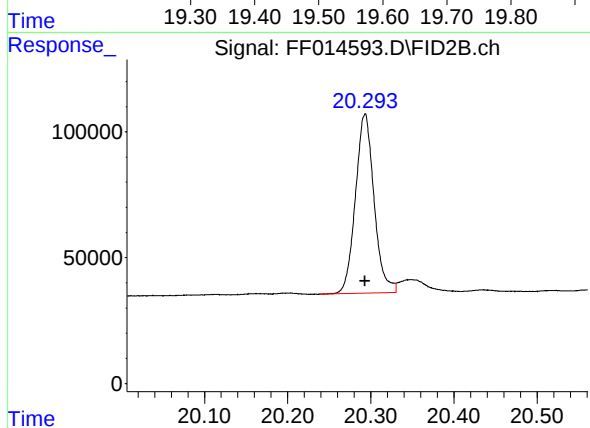
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: 0.000 min
Response: 1585821
Conc: 11.34 ug/ml



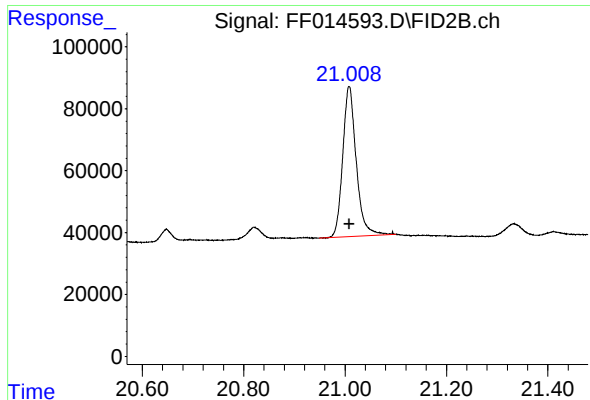
#19 n-Tetatriacontane (C34)

R.T.: 19.554 min
Delta R.T.: -0.001 min
Response: 1336092
Conc: 11.22 ug/ml



#20 n-Hexatriacontane (C36)

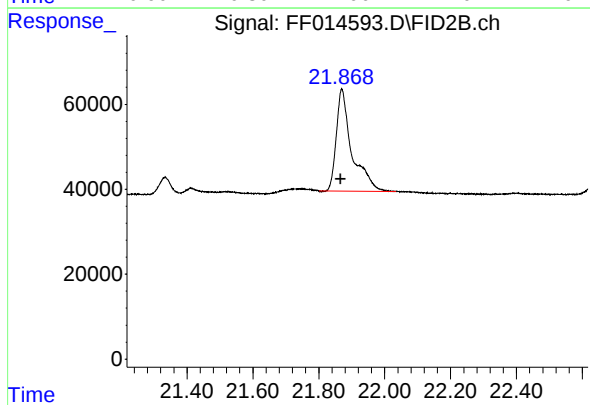
R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 1109576
Conc: 11.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: 0.000 min
Response: 896101
Conc: 10.21 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.870 min
Delta R.T.: 0.003 min
Response: 788562
Conc: 9.98 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014594.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 12:38
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e
 Quant Time: Oct 02 12:49:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:26:27 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)	11.789	827299	5.426 ug/ml
Spiked Amount 50.000		Recovery =	10.85%
12) S 1-chlorooctadecane (S...	13.231	619801	5.218 ug/ml
Spiked Amount 50.000		Recovery =	10.44%
Target Compounds			
1) T n-Nonane (C9)	3.196	666809	5.384 ug/ml
2) T n-Decane (C10)	4.443	666268	5.293 ug/ml
3) T A~Naphthalene (C11.7)	6.139	641995	4.830 ug/ml
4) T n-Dodecane (C12)	6.608	675524	5.297 ug/ml
5) T A~2-methylnaphthalene...	7.235	545156	4.352 ug/ml
6) T n-Tetradecane (C14)	8.434	667178	5.247 ug/ml
7) T n-Hexadecane (C16)	10.040	658844	5.009 ug/ml
8) T n-Octadecane (C18)	11.481	698833	5.092 ug/ml
10) T n-Eicosane (C20)	12.788	732515	5.341 ug/ml
11) T n-Heneicosane (C21)	13.400	737707	5.395 ug/ml
13) T n-Docosane (C22)	13.984	752468	5.452 ug/ml
14) T n-Tetracosane (C24)	15.086	768853	5.432 ug/ml
15) T n-Hexacosane (C26)	16.107	786495	5.529 ug/ml
16) T n-Octacosane (C28)	17.055	831017	5.799 ug/ml
17) T n-Tricontane (C30)	17.941	931292	6.269 ug/ml
18) T n-Dotriacontane (C32)	18.772	939268	6.497 ug/ml
19) T n-Tetratriacontane (C34)	19.554	767884	6.257 ug/ml
20) T n-Hexatriacontane (C36)	20.293	543929	5.322 ug/mlm
21) T n-Octatriacontane (C38)	21.009	480117	5.443 ug/ml
22) T n-Tetracontane (C40)	21.876	376963	4.773 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
Data File : FF014594.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2024 12:38
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

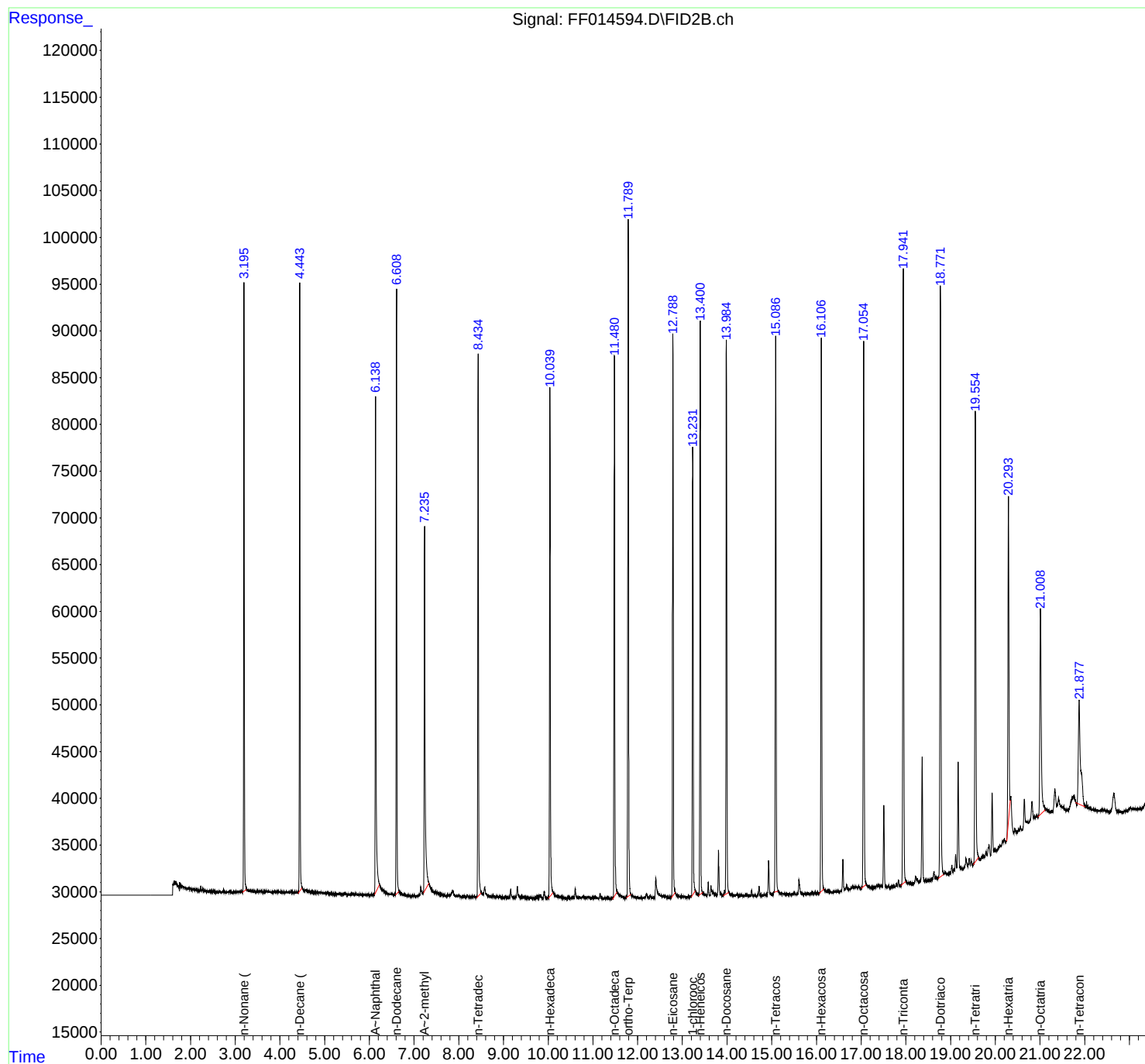
Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

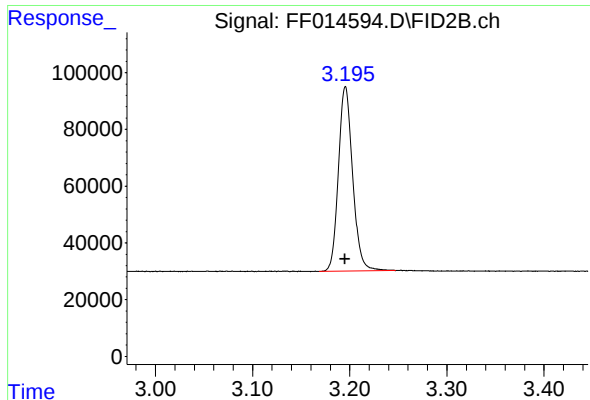
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e
Quant Time: Oct 02 12:49:41 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Wed Oct 02 12:26:27 2024
Response via : Initial Calibration
Integrator: ChemStation

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





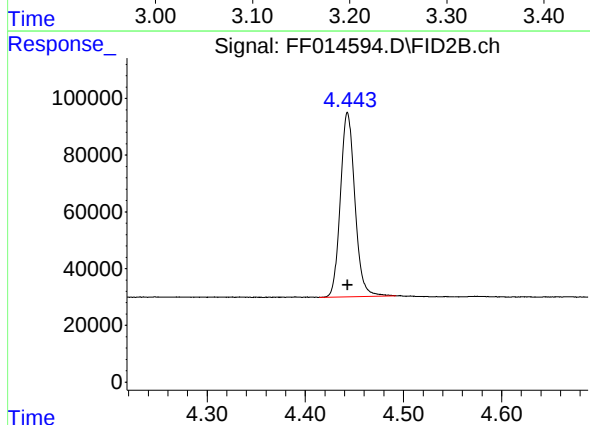
#1 n-Nonane (C9)

R.T.: 3.196 min
Delta R.T.: 0.000 min
Response: 666809
Conc: 5.38 ug/ml

Instrument : FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

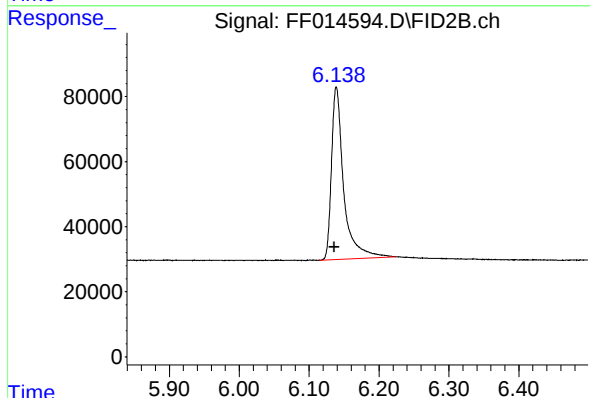
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/03/2024



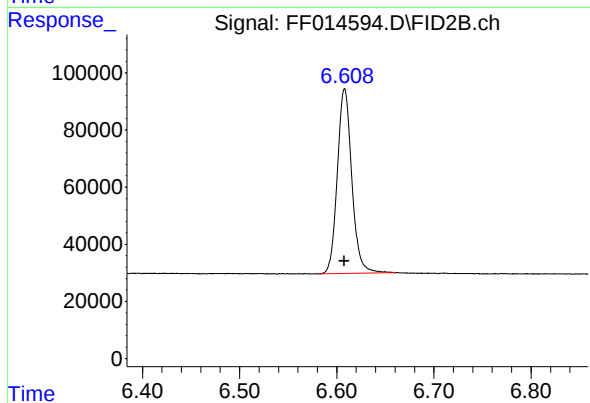
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 666268
Conc: 5.29 ug/ml



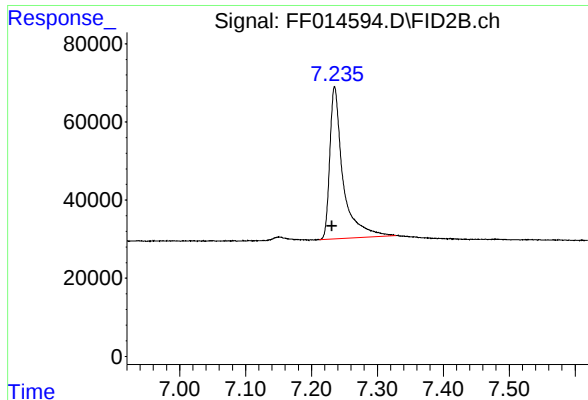
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.003 min
Response: 641995
Conc: 4.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 675524
Conc: 5.30 ug/ml



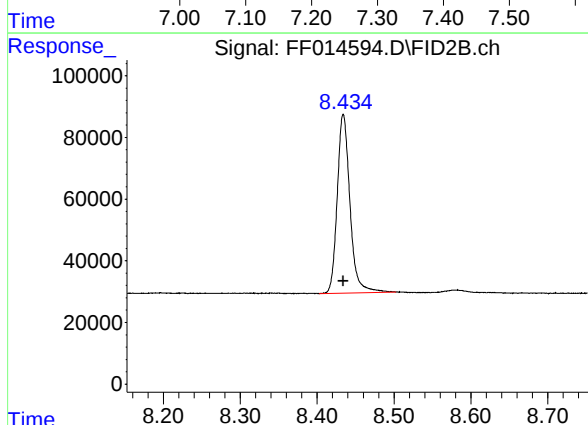
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: 0.004 min
Response: 545156
Conc: 4.35 ug/ml

Instrument : FID_F
ClientSampleId : 5 PPM ALIPHATIC HC STD5

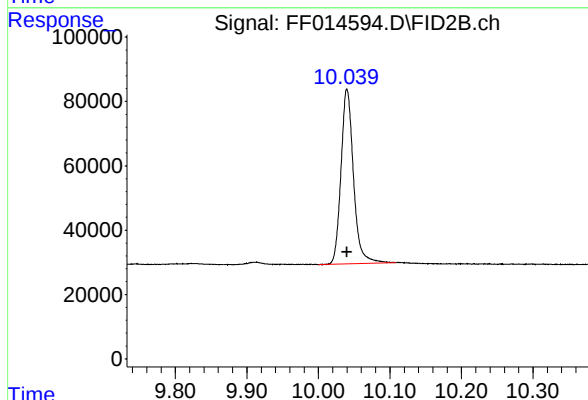
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/03/2024



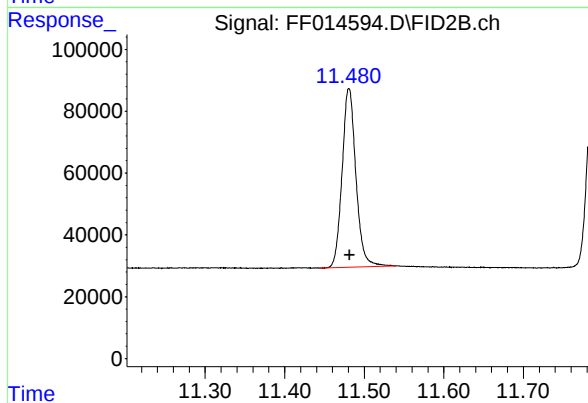
#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 667178
Conc: 5.25 ug/ml



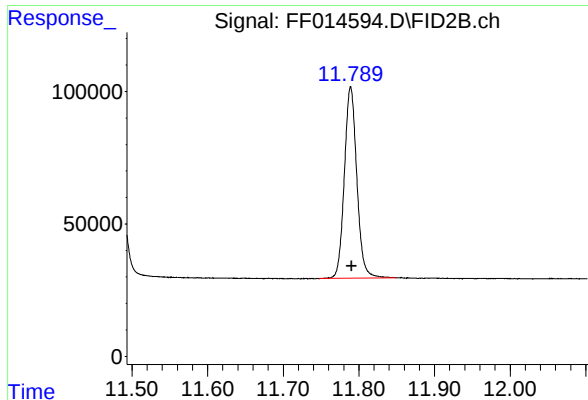
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.000 min
Response: 658844
Conc: 5.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.481 min
Delta R.T.: -0.001 min
Response: 698833
Conc: 5.09 ug/ml



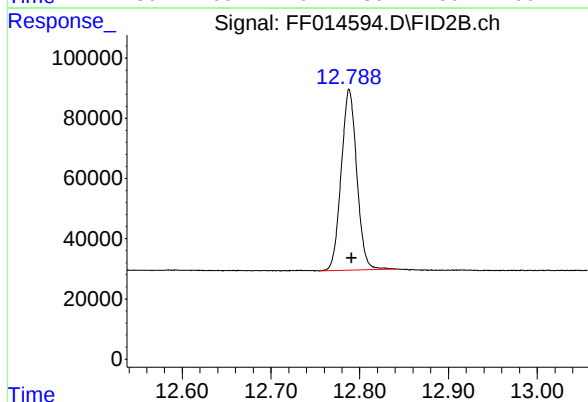
#9 ortho-Terphenyl (SURR)

R.T.: 11.789 min
Delta R.T.: -0.001 min
Response: 827299
Conc: 5.43 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

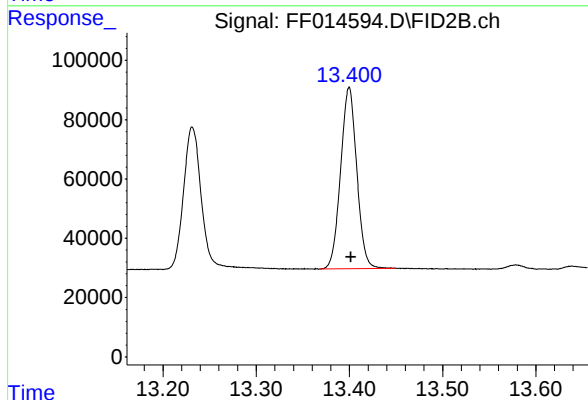
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/03/2024



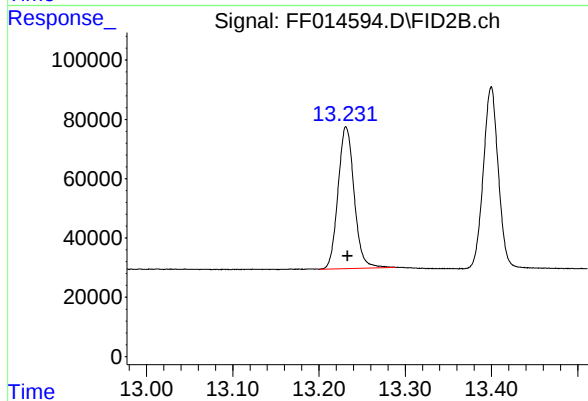
#10 n-Eicosane (C20)

R.T.: 12.788 min
Delta R.T.: -0.003 min
Response: 732515
Conc: 5.34 ug/ml



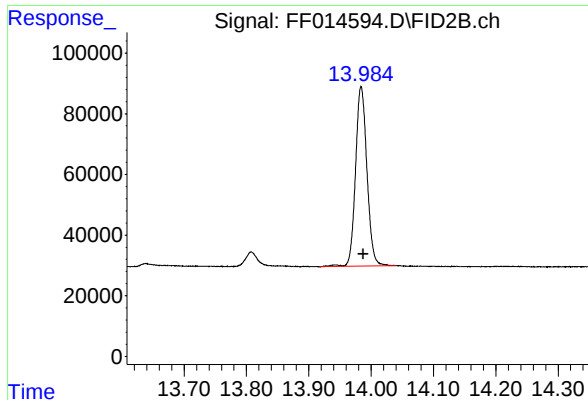
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: -0.002 min
Response: 737707
Conc: 5.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.231 min
Delta R.T.: -0.002 min
Response: 619801
Conc: 5.22 ug/ml



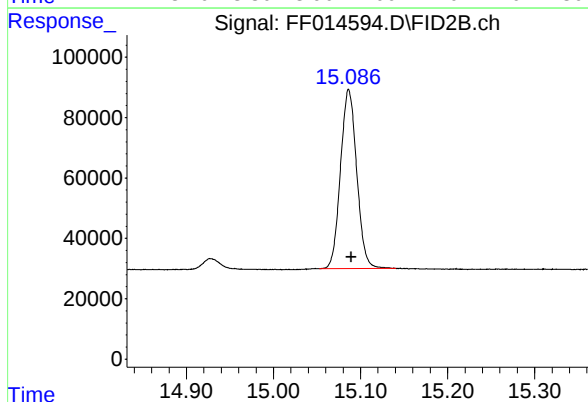
#13 n-Docosane (C22)

R.T.: 13.984 min
Delta R.T.: -0.003 min
Response: 752468
Conc: 5.45 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

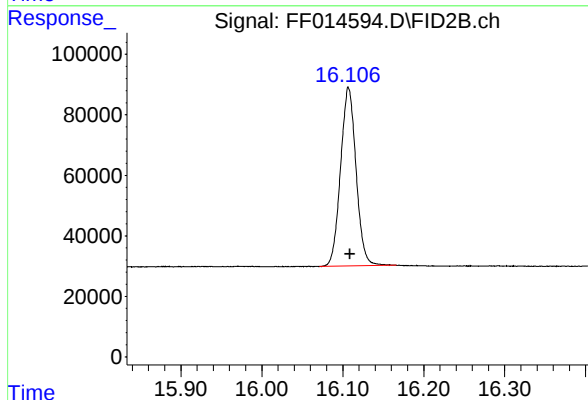
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/03/2024



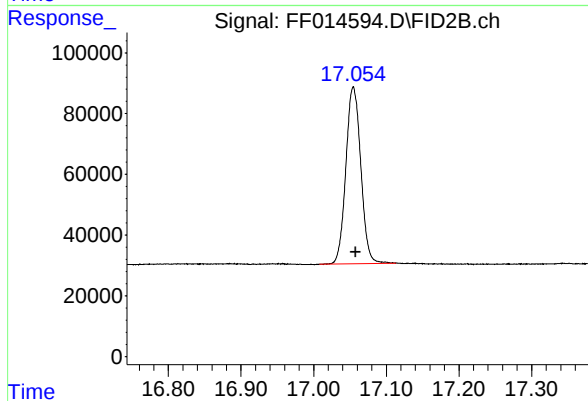
#14 n-Tetracosane (C24)

R.T.: 15.086 min
Delta R.T.: -0.003 min
Response: 768853
Conc: 5.43 ug/ml



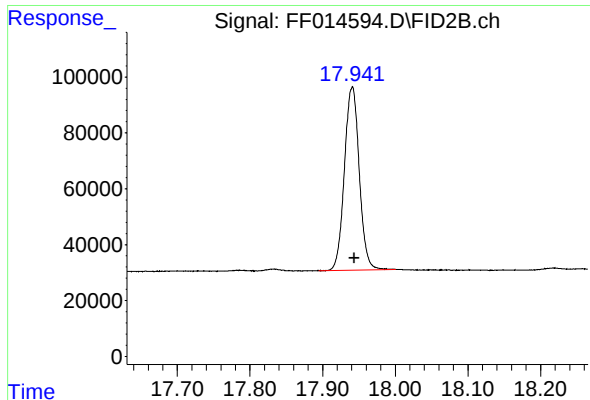
#15 n-Hexacosane (C26)

R.T.: 16.107 min
Delta R.T.: -0.002 min
Response: 786495
Conc: 5.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.055 min
Delta R.T.: -0.003 min
Response: 831017
Conc: 5.80 ug/ml



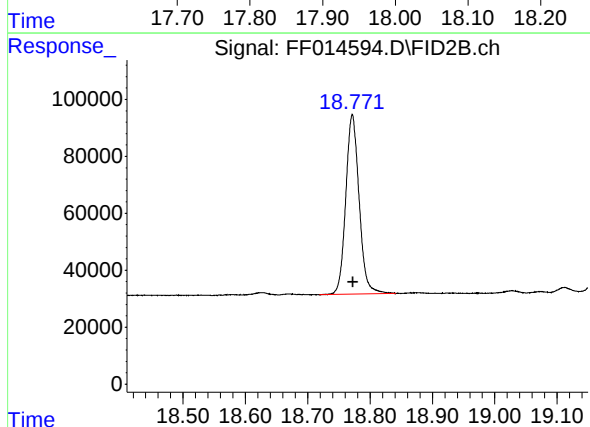
#17 n-Tricontane (C30)

R.T.: 17.941 min
Delta R.T.: -0.003 min
Response: 931292
Conc: 6.27 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

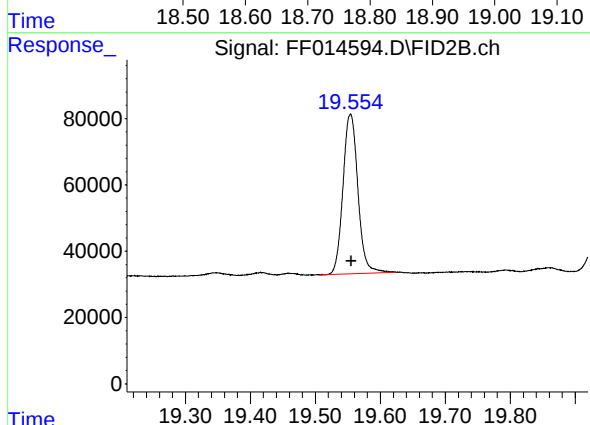
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/03/2024



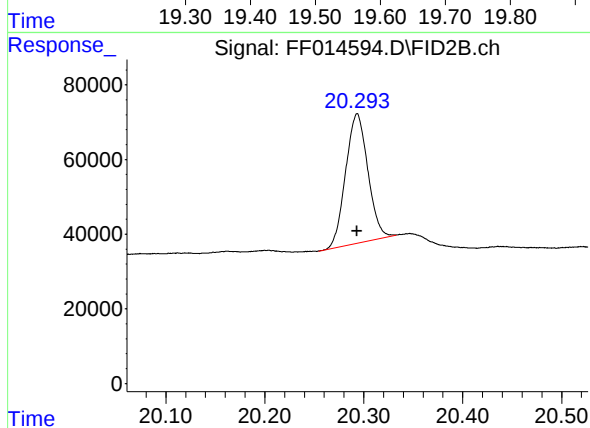
#18 n-Dotriacontane (C32)

R.T.: 18.772 min
Delta R.T.: -0.001 min
Response: 939268
Conc: 6.50 ug/ml



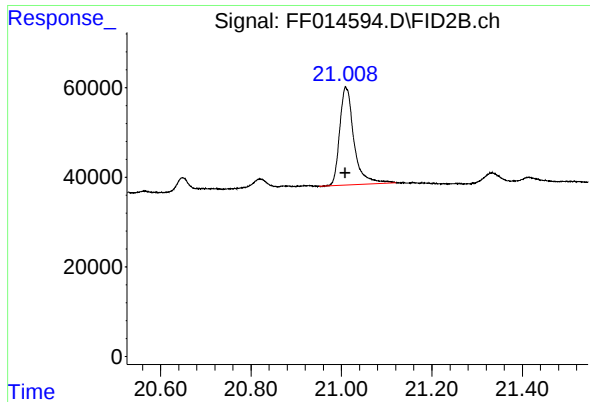
#19 n-Tetratriacontane (C34)

R.T.: 19.554 min
Delta R.T.: -0.001 min
Response: 767884
Conc: 6.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 543929
Conc: 5.32 ug/ml m



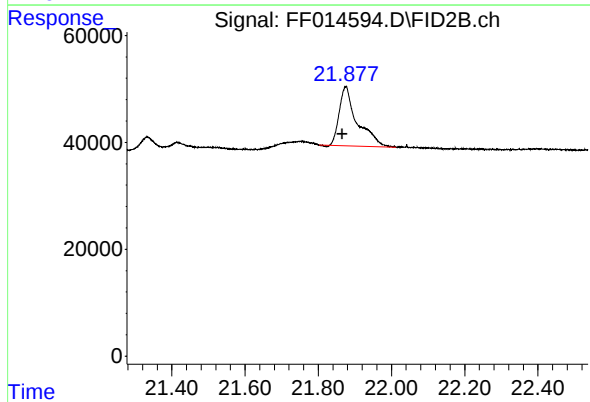
#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.000 min
Response: 480117
Conc: 5.44 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2024
Supervised By :Ankita Jodhani 10/03/2024



#22 n-Tetracontane (C40)

R.T.: 21.876 min
Delta R.T.: 0.009 min
Response: 376963
Conc: 4.77 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014595.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 13:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 02 13:20:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:50:54 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.790	3167886	20.430 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
12) S 1-chlorooctadecane (S...	13.233	2466443	20.584 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
Target Compounds			
1) T n-Nonane (C9)	3.193	2539958	20.199 ug/ml
2) T n-Decane (C10)	4.442	2585736	20.304 ug/ml
3) T A~Naphthalene (C11.7)	6.134	2711500	20.540 ug/ml
4) T n-Dodecane (C12)	6.607	2624982	20.342 ug/ml
5) T A~2-methylnaphthalene...	7.230	2542615	20.836 ug/ml
6) T n-Tetradecane (C14)	8.434	2616046	20.372 ug/ml
7) T n-Hexadecane (C16)	10.040	2713600	20.624 ug/ml
8) T n-Octadecane (C18)	11.482	2846608	20.665 ug/ml
10) T n-Eicosane (C20)	12.789	2858650	20.563 ug/ml
11) T n-Heneicosane (C21)	13.401	2851670	20.530 ug/ml
13) T n-Docosane (C22)	13.987	2876353	20.469 ug/ml
14) T n-Tetracosane (C24)	15.089	2949766	20.487 ug/ml
15) T n-Hexacosane (C26)	16.108	2967540	20.430 ug/ml
16) T n-Octacosane (C28)	17.056	3014594	20.384 ug/ml
17) T n-Tricontane (C30)	17.942	3163832	20.267 ug/ml
18) T n-Dotriacontane (C32)	18.773	3101447	20.241 ug/ml
19) T n-Tetratriacontane (C34)	19.554	2650509	20.563 ug/ml
20) T n-Hexatriacontane (C36)	20.293	2131001	20.584 ug/ml
21) T n-Octatriacontane (C38)	21.007	1887236	21.023 ug/ml
22) T n-Tetracontane (C40)	21.868	1606710	20.528 ug/ml

(f)=RT Delta > 1/2 Window

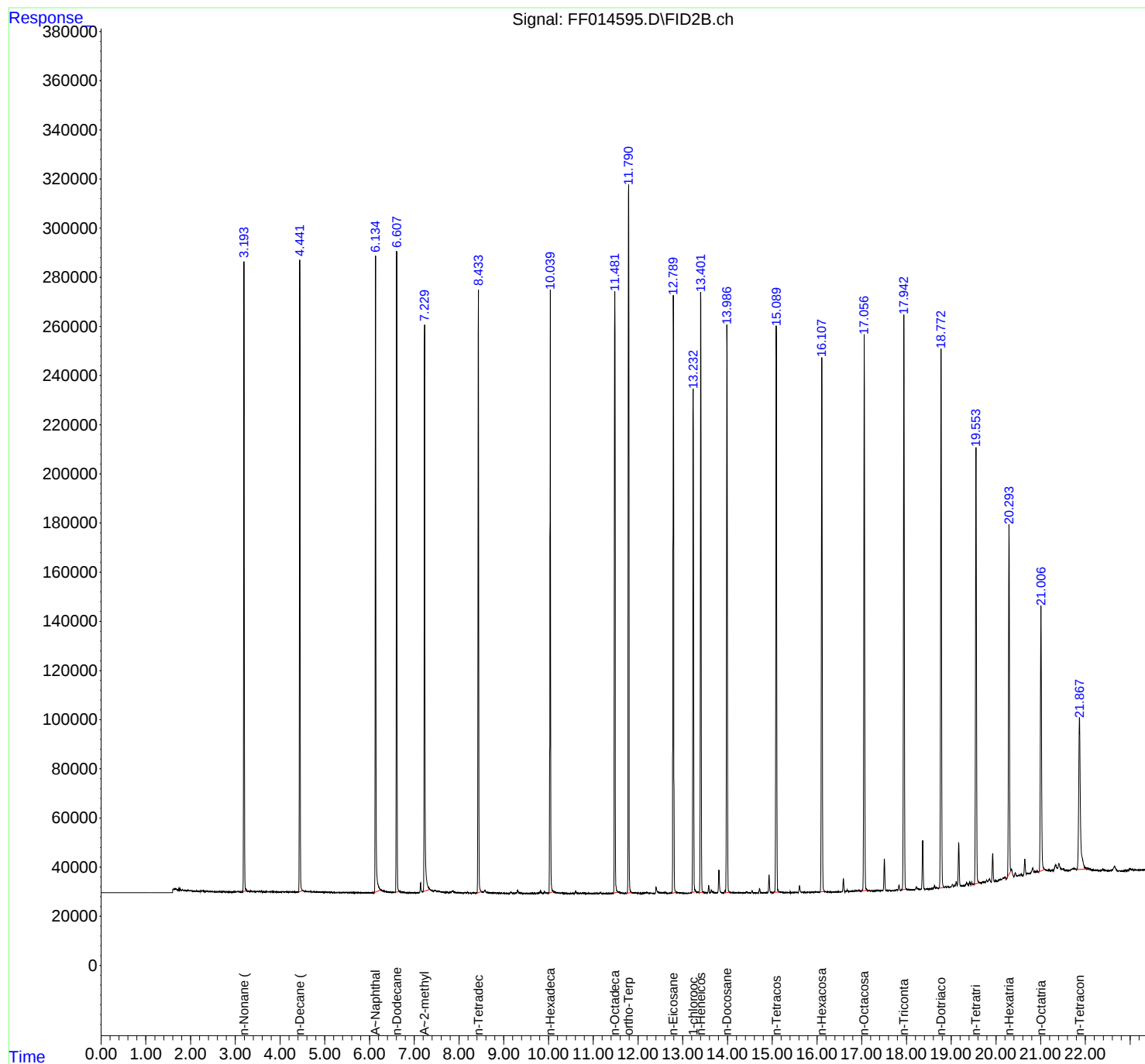
(m)=manual int.

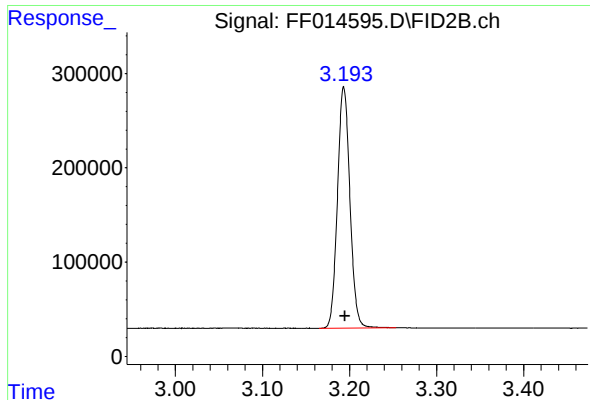
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
Data File : FF014595.D
Signal(s) : FID2B.ch
Acq On : 02 Oct 2024 13:08
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 02 13:20:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
Quant Title : GC Extractables
QLast Update : Wed Oct 02 12:50:54 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

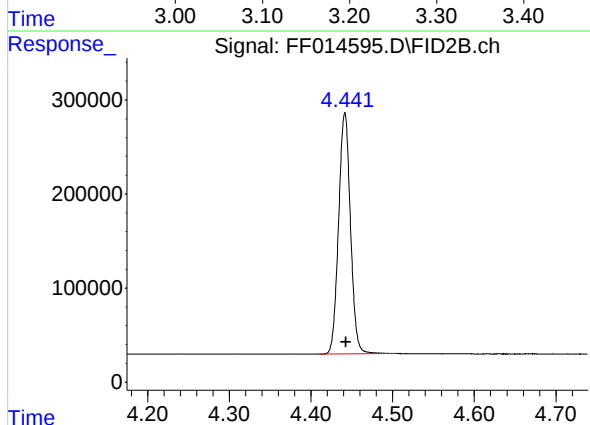
R.T.: 3.193 min
Delta R.T.: -0.002 min
Response: 2539958
Conc: 20.20 ug/ml

Instrument :

FID_F

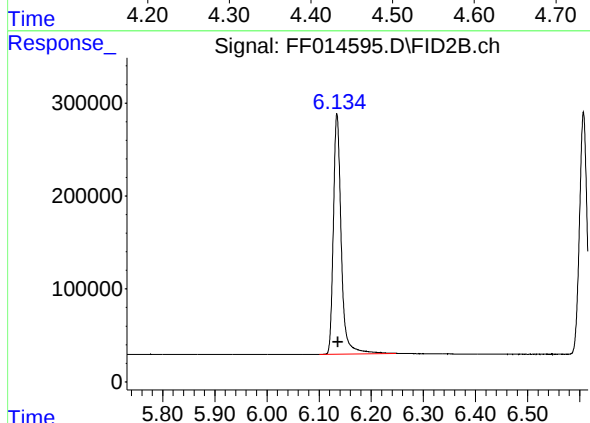
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



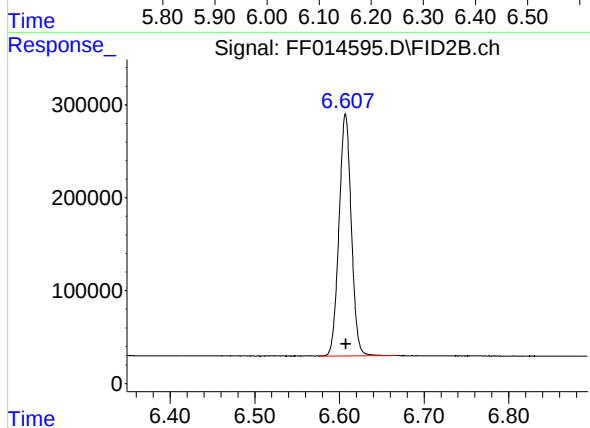
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.001 min
Response: 2585736
Conc: 20.30 ug/ml



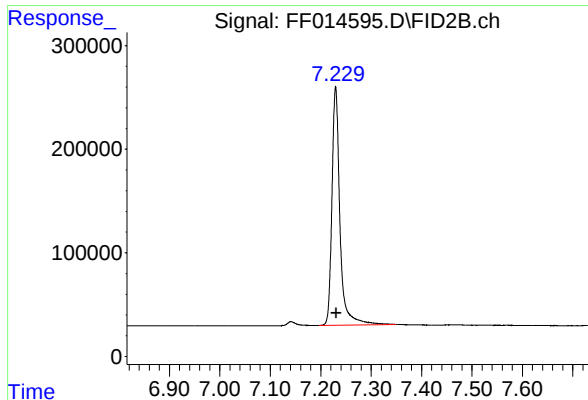
#3 A~Naphthalene (C11.7)

R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 2711500
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 2624982
Conc: 20.34 ug/ml



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

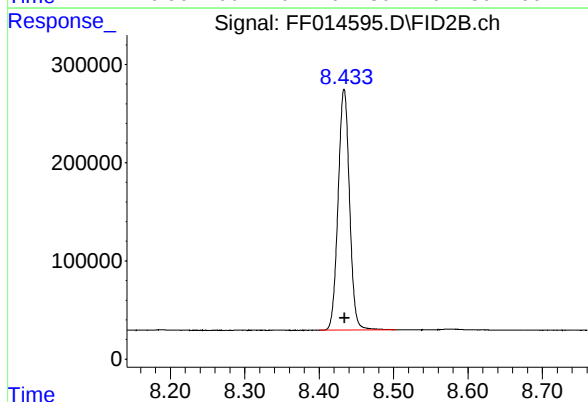
R.T.: 7.230 min
Delta R.T.: -0.001 min
Response: 2542615
Conc: 20.84 ug/ml

Instrument :

FID_F

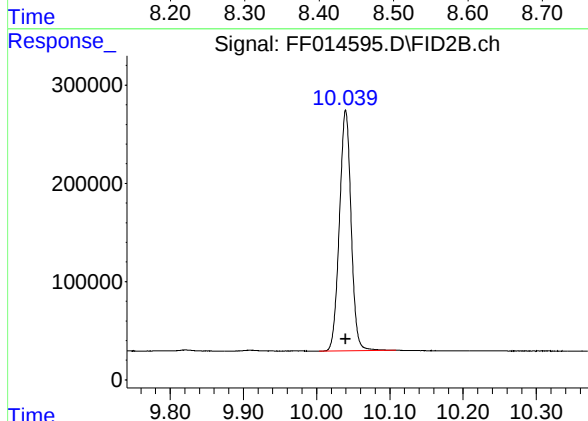
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



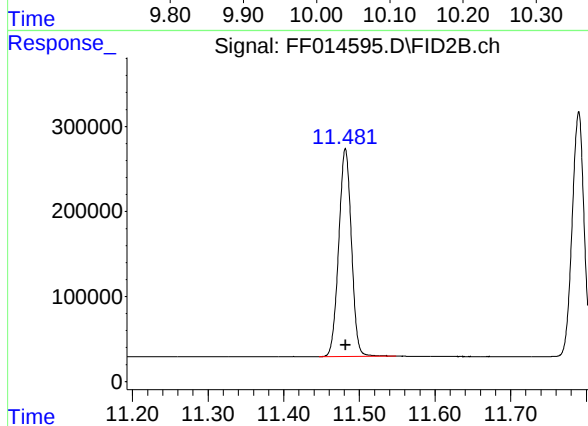
#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 2616046
Conc: 20.37 ug/ml



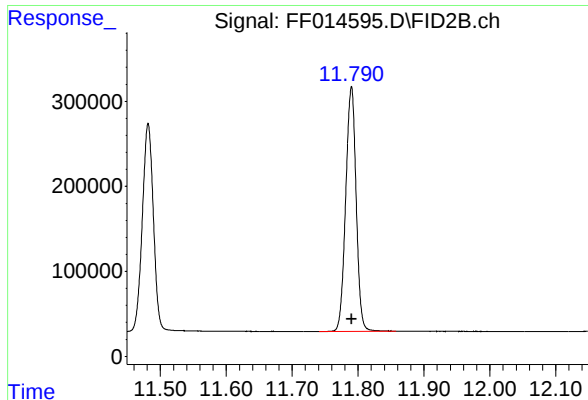
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.000 min
Response: 2713600
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.482 min
Delta R.T.: 0.000 min
Response: 2846608
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

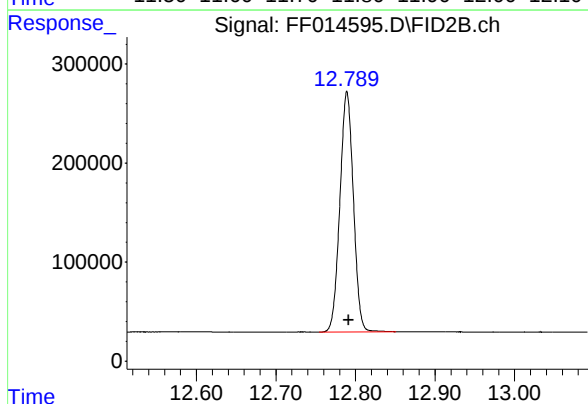
R.T.: 11.790 min
Delta R.T.: 0.000 min
Response: 3167886
Conc: 20.43 ug/ml

Instrument :

FID_F

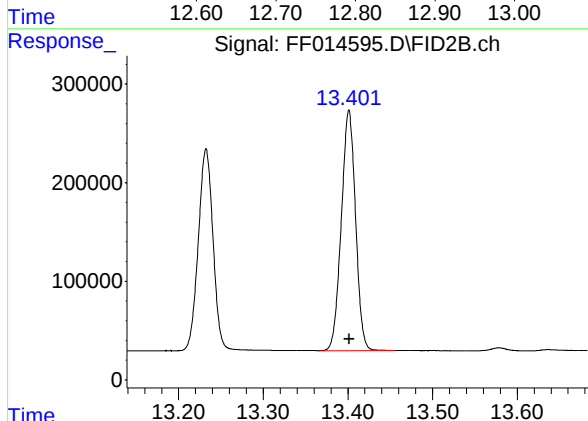
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



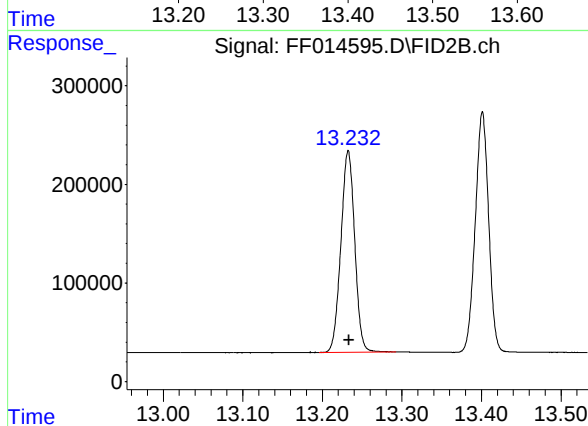
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: -0.002 min
Response: 2858650
Conc: 20.56 ug/ml



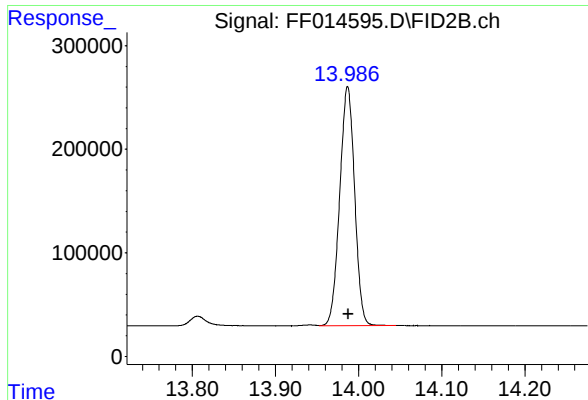
#11 n-Heneicosane (C21)

R.T.: 13.401 min
Delta R.T.: 0.000 min
Response: 2851670
Conc: 20.53 ug/ml



#12 1-chlorooctadecane (SURR)

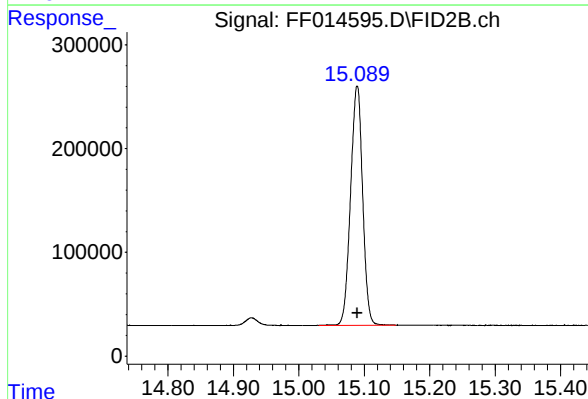
R.T.: 13.233 min
Delta R.T.: 0.000 min
Response: 2466443
Conc: 20.58 ug/ml



#13 n-Docosane (C22)

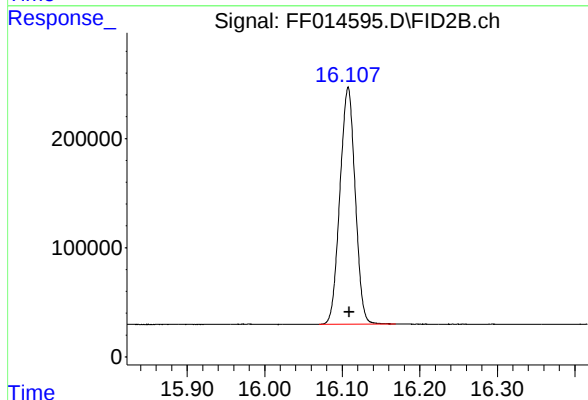
R.T.: 13.987 min
Delta R.T.: 0.000 min
Response: 2876353
Conc: 20.47 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



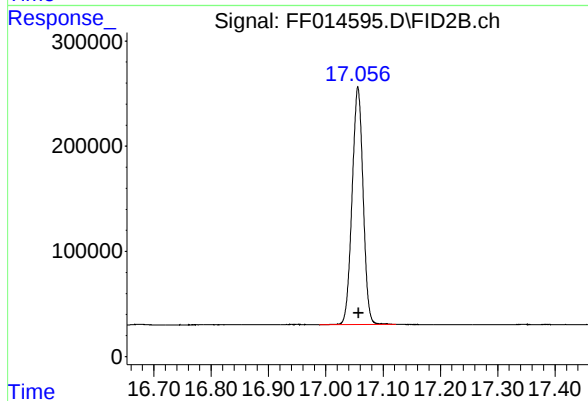
#14 n-Tetracosane (C24)

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 2949766
Conc: 20.49 ug/ml



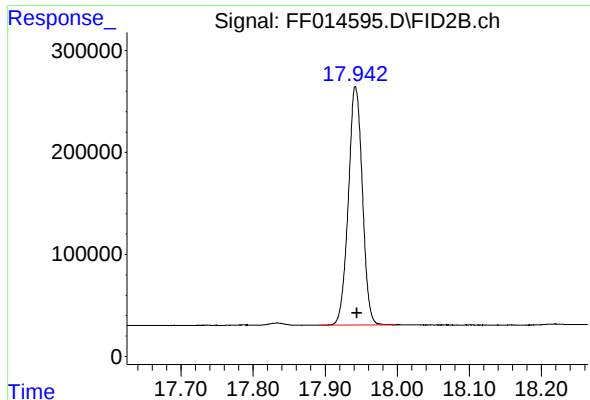
#15 n-Hexacosane (C26)

R.T.: 16.108 min
Delta R.T.: -0.001 min
Response: 2967540
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.056 min
Delta R.T.: -0.002 min
Response: 3014594
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

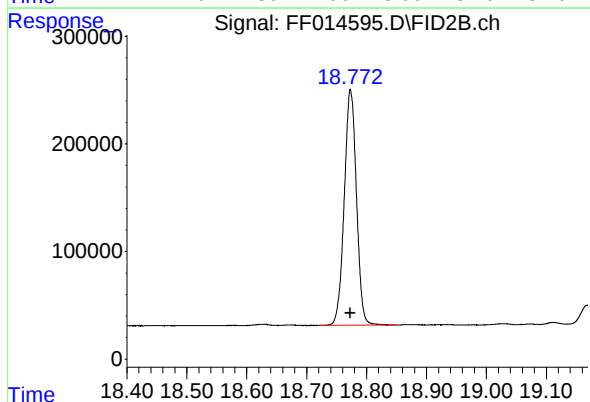
R.T.: 17.942 min
Delta R.T.: -0.002 min
Response: 3163832
Conc: 20.27 ug/ml

Instrument :

FID_F

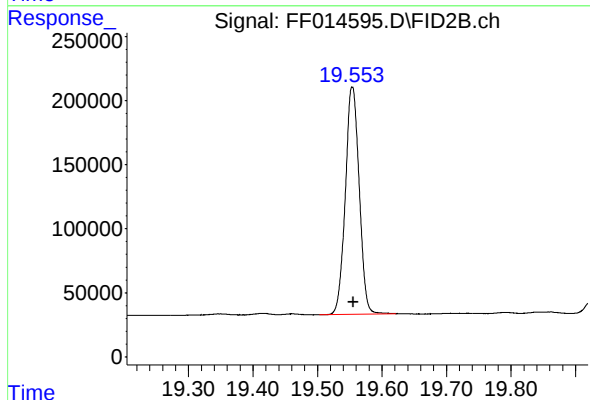
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



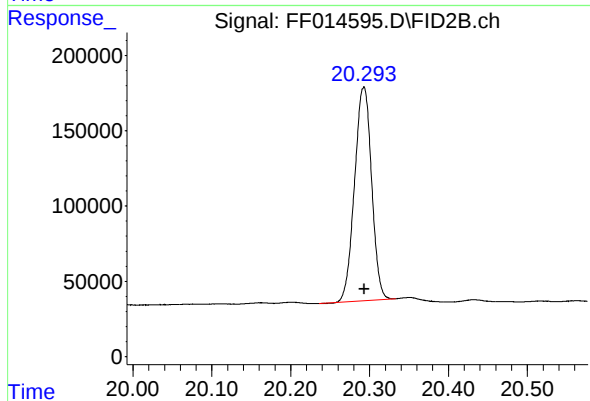
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: 0.000 min
Response: 3101447
Conc: 20.24 ug/ml



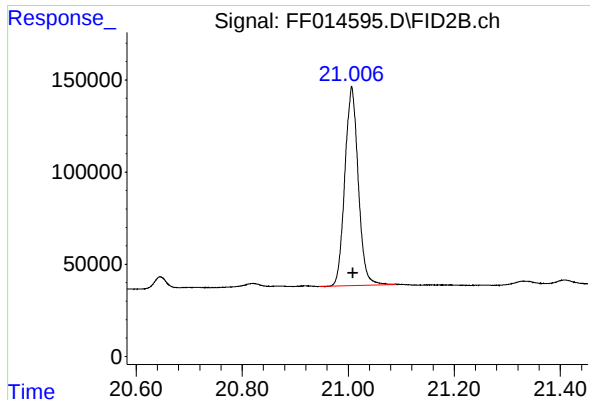
#19 n-Tetratriacontane (C34)

R.T.: 19.554 min
Delta R.T.: -0.001 min
Response: 2650509
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 2131001
Conc: 20.58 ug/ml



#21 n-Octatriacontane (C38)

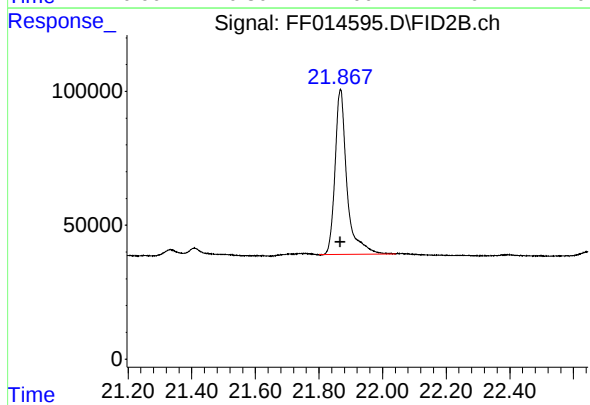
R.T.: 21.007 min
Delta R.T.: -0.002 min
Response: 1887236
Conc: 21.02 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.868 min
Delta R.T.: 0.002 min
Response: 1606710
Conc: 20.53 ug/ml