

Initial Calibration Report for SequenceID : FD101024AL

AreaCount

Parameter Range	FD048444.D	FD048445.D	FD048446.D	FD048447.D	FD048448.D	
Aliphatic C9-C12	47897994.000	24606297.000	10668644.000	5211853.000	2785761.000	
Aliphatic C12-C16	32834551.000	16823421.000	7344214.000	3606312.000	1904170.000	
Aliphatic C16-C21	48568865.000	24931791.000	10952763.000	5336397.000	2848114.000	
Aliphatic C21-C28	60825323.000	31601999.000	13873546.000	6729154.000	3723720.000	
Aliphatic C28-C40	68902718.000	37367272.000	17464462.000	8170115.000	4746667.000	
Aliphatic EPH	259029451.000	135330780.000	60303629.000	29053831.000	16008432.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	172191.7053332	6.093				
Aliphatic C12-C16	177348.983	6.147				
Aliphatic C16-C21	175681.6746664	6.571				
Aliphatic C21-C28	167581.4955	7.967				
Aliphatic C28-C40	135864.687333	12.553				
Aliphatic EPH	160212.9006662	8.428				

Concentration

Parameter Range	FD048444.D	FD048445.D	FD048446.D	FD048447.D	FD048448.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	FD048444.D	FD048445.D	FD048446.D	FD048447.D	FD048448.D	
Aliphatic C9-C12	159659.980000	164041.980000	177810.733333	173728.433333	185717.400000	
Aliphatic C12-C16	164172.755000	168234.210000	183605.350000	180315.600000	190417.000000	
Aliphatic C16-C21	161896.216666	166211.940000	182546.050000	177879.900000	189874.266666	

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Aliphatic C21-C28	152063.307500	158009.995000	173419.325000	168228.850000	186186.000000	
Aliphatic C28-C40	114837.863333	124557.573333	145537.183333	136168.583333	158222.233333	
Aliphatic EPH	143905.250555	150367.533333	167510.080555	161410.172222	177871.466666	

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048444.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 11:49
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Oct 10 13:49:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 13:47:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.274	18297968	89.025 ug/ml
Spiked Amount 50.000		Recovery =	178.05%
12) S 1-chlorooctadecane (S...	12.714	13855161	88.773 ug/ml
Spiked Amount 50.000		Recovery =	177.55%
Target Compounds			
1) T n-Nonane (C9)	3.129	15617581	90.221 ug/ml
2) T n-Decane (C10)	4.176	16019940	89.461 ug/ml
3) T A~Naphthalene (C11.7)	5.724	17703076	90.568 ug/ml
4) T n-Dodecane (C12)	6.171	16260473	89.710 ug/ml
5) T A~2-methylnaphthalene...	6.772	17220959	90.841 ug/ml
6) T n-Tetradecane (C14)	7.953	16178723	89.777 ug/ml
7) T n-Hexadecane (C16)	9.543	16655828	89.069 ug/ml
8) T n-Octadecane (C18)	10.977	16758571	88.738 ug/ml
10) T n-Eicosane (C20)	12.277	16052044	88.676 ug/ml
11) T n-Heneicosane (C21)	12.885	15758250	88.646 ug/ml
13) T n-Docosane (C22)	13.468	15653312	88.206 ug/ml
14) T n-Tetracosane (C24)	14.565	15497099	87.955 ug/ml
15) T n-Hexacosane (C26)	15.579	15086633	88.324 ug/ml
16) T n-Octacosane (C28)	16.523	14588279	86.215 ug/ml
17) T n-Tricontane (C30)	17.406	14493664	82.338 ug/ml
18) T n-Dotriacontane (C32)	18.233	13636949	78.823 ug/ml
19) T n-Tetratriacontane (C34)	19.010	11853154	78.250 ug/ml
20) T n-Hexatriacontane (C36)	19.745	10210102	79.791 ug/ml
21) T n-Octatriacontane (C38)	20.442	9582906	76.904 ug/ml
22) T n-Tetracontane (C40)	21.225	9125943	75.959 ug/ml

(f)=RT Delta > 1/2 Window

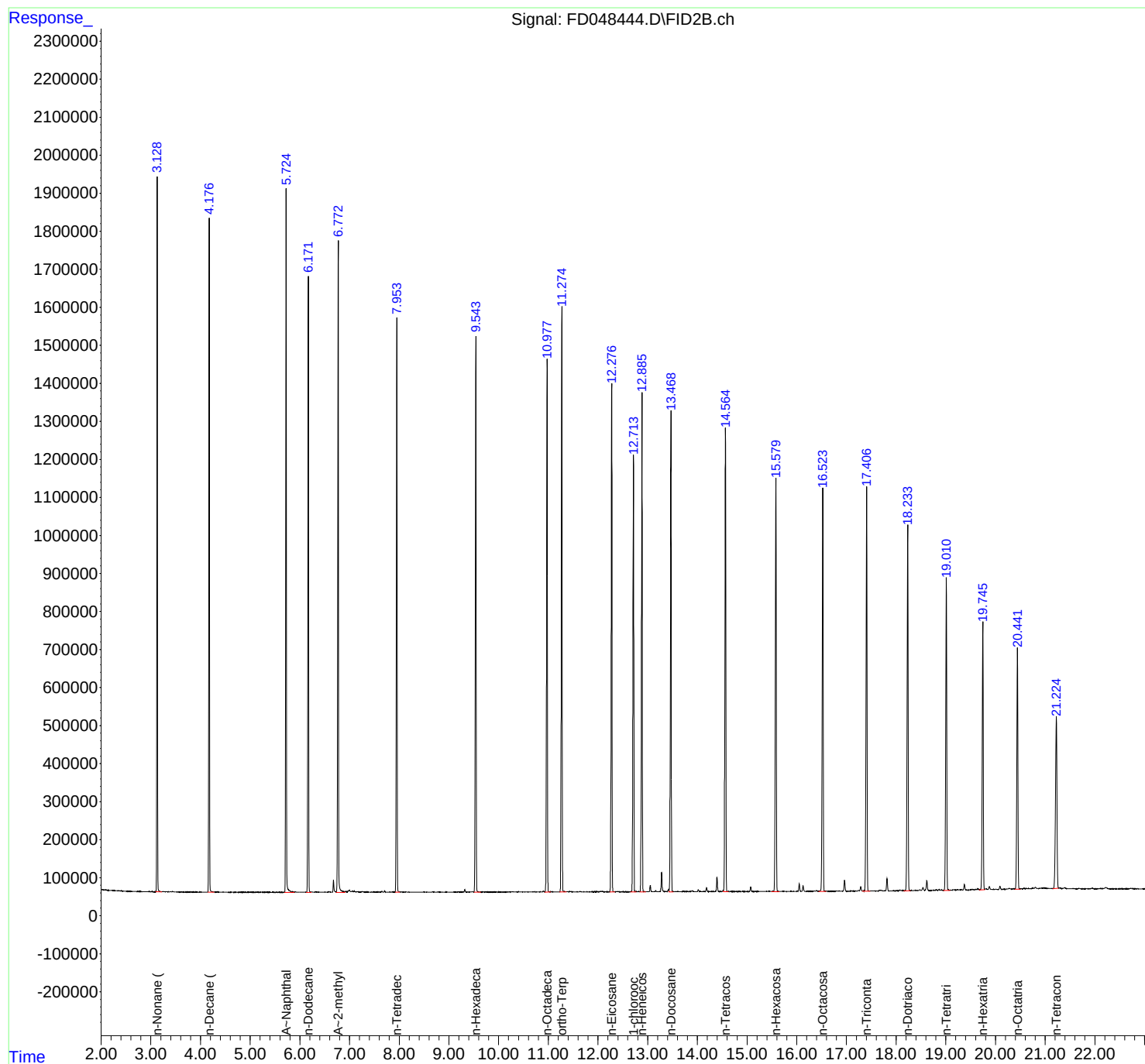
(m)=manual int.

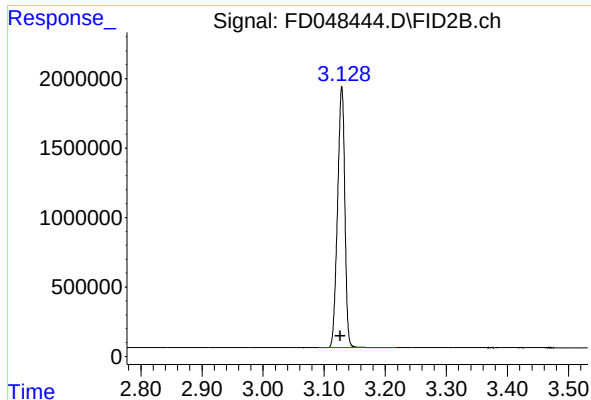
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
Data File : FD048444.D
Signal(s) : FID2B.ch
Acq On : 10 Oct 2024 11:49
Operator : YP/AJ
Sample : 100 PPM ALIPHATIC HC STD1
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
Quant Time: Oct 10 13:49:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 10 13:47:32 2024
Response via : Initial Calibration
Integrator: ChemStation

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

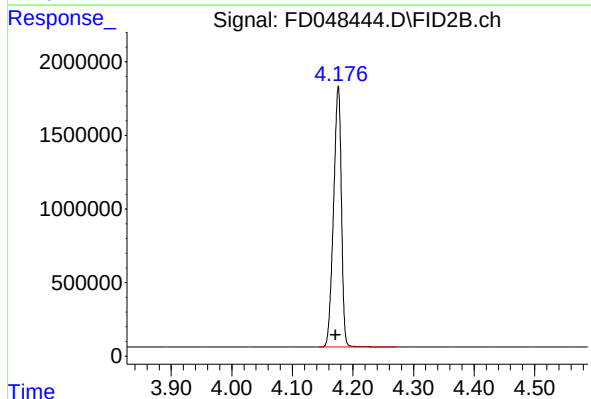




#1 n-Nonane (C9)

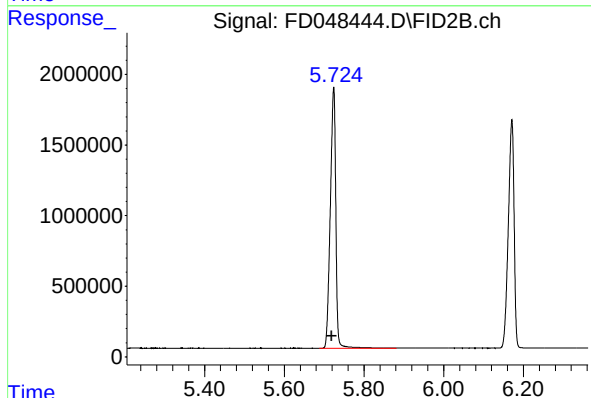
R.T.: 3.129 min
Delta R.T.: 0.003 min
Response: 15617581
Conc: 90.22 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



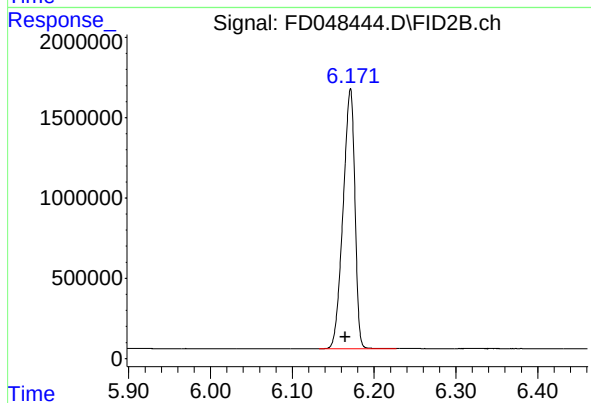
#2 n-Decane (C10)

R.T.: 4.176 min
Delta R.T.: 0.004 min
Response: 16019940
Conc: 89.46 ug/ml



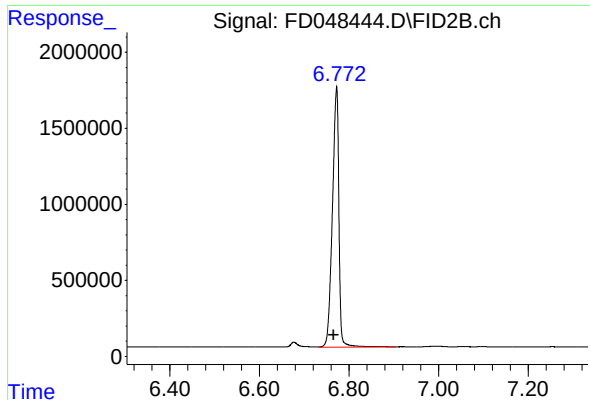
#3 A~Naphthalene (C11.7)

R.T.: 5.724 min
Delta R.T.: 0.005 min
Response: 17703076
Conc: 90.57 ug/ml



#4 n-Dodecane (C12)

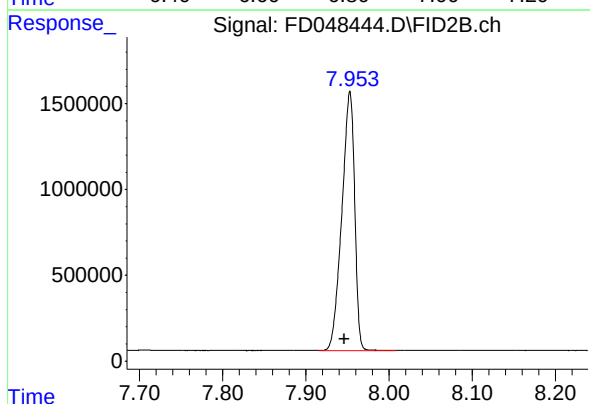
R.T.: 6.171 min
Delta R.T.: 0.006 min
Response: 16260473
Conc: 89.71 ug/ml



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

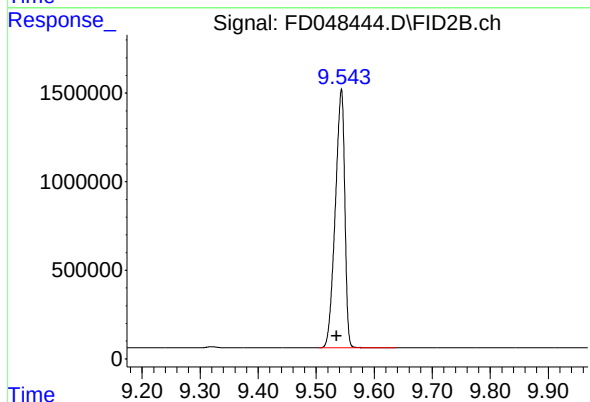
R.T.: 6.772 min
Delta R.T.: 0.007 min
Response: 17220959
Conc: 90.84 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



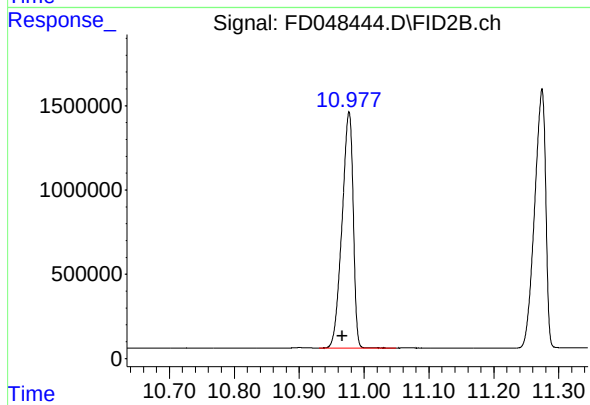
#6 n-Tetradecane (C14)

R.T.: 7.953 min
Delta R.T.: 0.007 min
Response: 16178723
Conc: 89.78 ug/ml



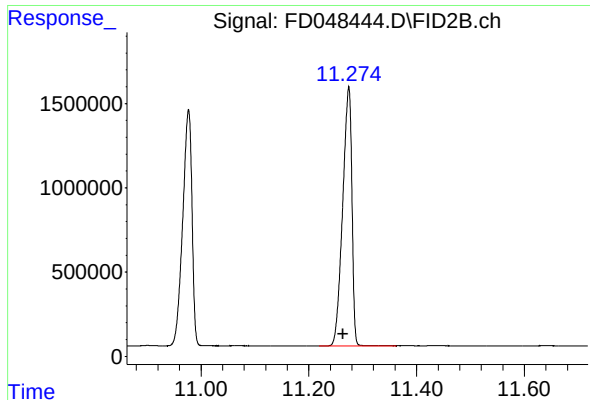
#7 n-Hexadecane (C16)

R.T.: 9.543 min
Delta R.T.: 0.008 min
Response: 16655828
Conc: 89.07 ug/ml



#8 n-Octadecane (C18)

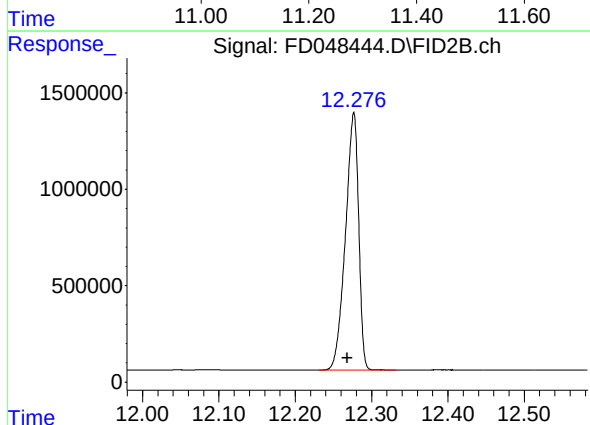
R.T.: 10.977 min
Delta R.T.: 0.010 min
Response: 16758571
Conc: 88.74 ug/ml



#9 ortho-Terphenyl (SURR)

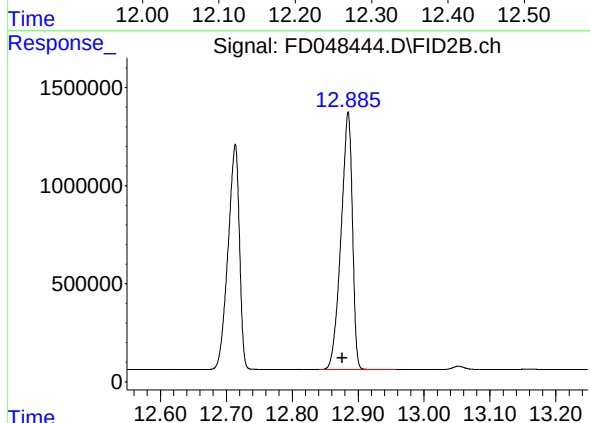
R.T.: 11.274 min
Delta R.T.: 0.011 min
Response: 18297968
Conc: 89.03 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



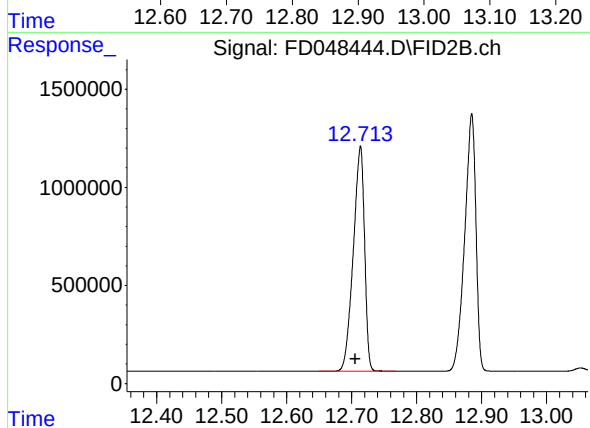
#10 n-Eicosane (C20)

R.T.: 12.277 min
Delta R.T.: 0.009 min
Response: 16052044
Conc: 88.68 ug/ml



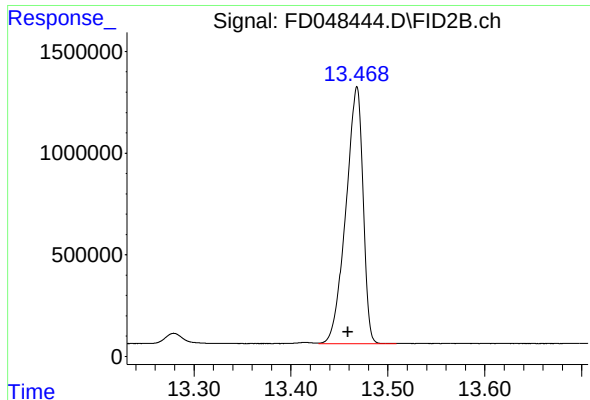
#11 n-Heneicosane (C21)

R.T.: 12.885 min
Delta R.T.: 0.009 min
Response: 15758250
Conc: 88.65 ug/ml



#12 1-chlorooctadecane (SURR)

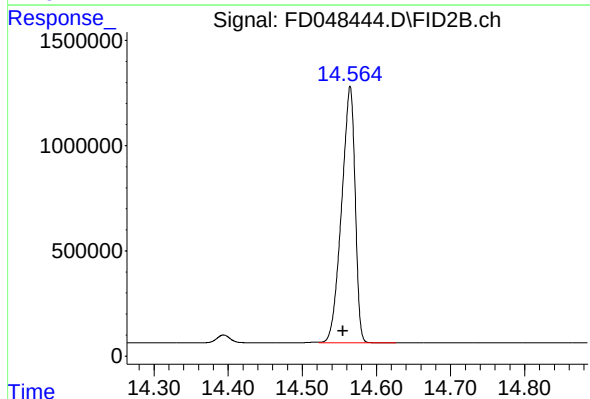
R.T.: 12.714 min
Delta R.T.: 0.008 min
Response: 13855161
Conc: 88.77 ug/ml



#13 n-Docosane (C22)

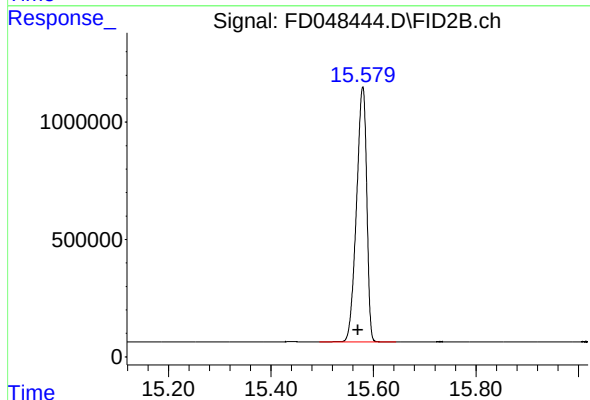
R.T.: 13.468 min
Delta R.T.: 0.009 min
Response: 15653312
Conc: 88.21 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



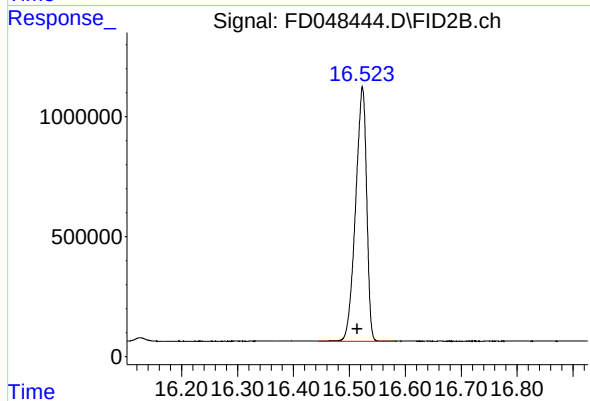
#14 n-Tetracosane (C24)

R.T.: 14.565 min
Delta R.T.: 0.010 min
Response: 15497099
Conc: 87.95 ug/ml



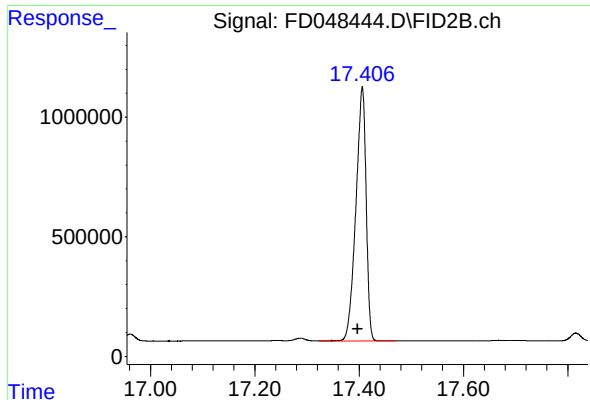
#15 n-Hexacosane (C26)

R.T.: 15.579 min
Delta R.T.: 0.009 min
Response: 15086633
Conc: 88.32 ug/ml



#16 n-Octacosane (C28)

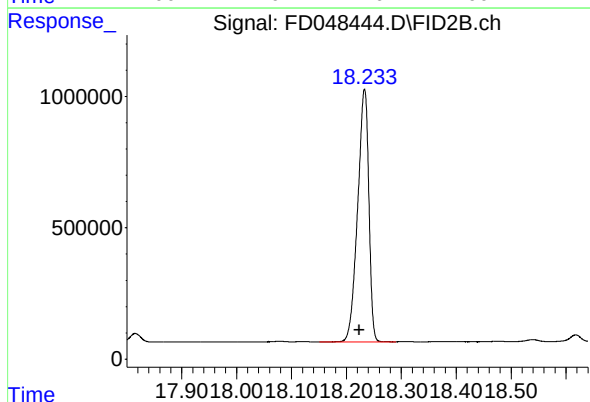
R.T.: 16.523 min
Delta R.T.: 0.009 min
Response: 14588279
Conc: 86.21 ug/ml



#17 n-Tricontane (C30)

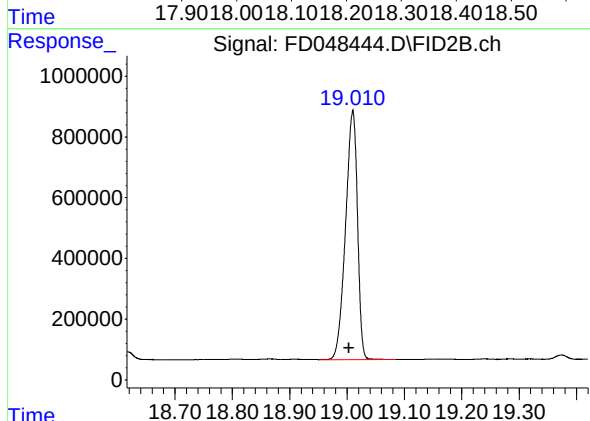
R.T.: 17.406 min
Delta R.T.: 0.009 min
Response: 14493664
Conc: 82.34 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



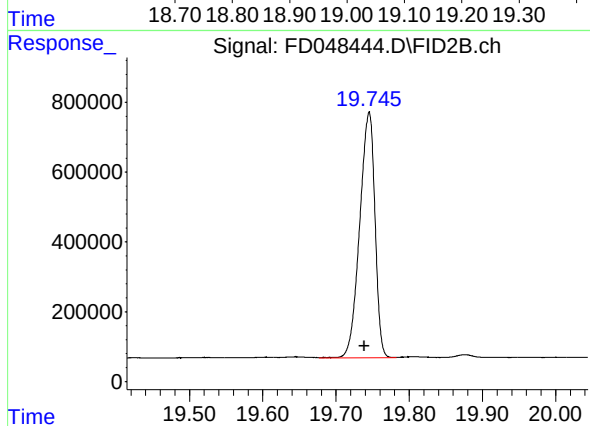
#18 n-Dotriacontane (C32)

R.T.: 18.233 min
Delta R.T.: 0.009 min
Response: 13636949
Conc: 78.82 ug/ml



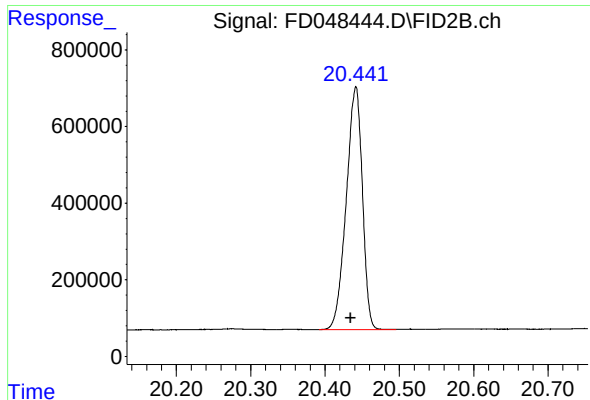
#19 n-Tetratriacontane (C34)

R.T.: 19.010 min
Delta R.T.: 0.007 min
Response: 11853154
Conc: 78.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.745 min
Delta R.T.: 0.007 min
Response: 10210102
Conc: 79.79 ug/ml



#21 n-Octatriacontane (C38)

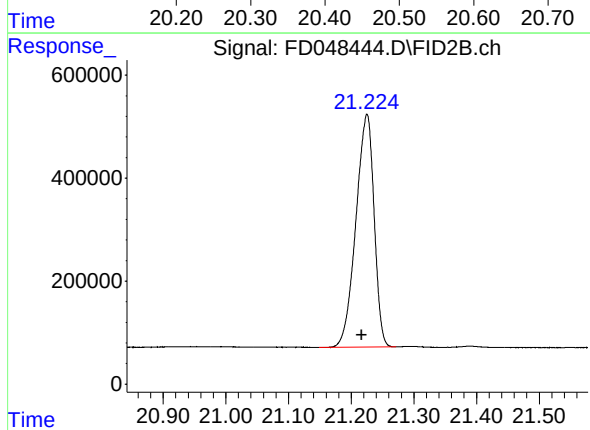
R.T.: 20.442 min
Delta R.T.: 0.007 min
Response: 9582906
Conc: 76.90 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.225 min
Delta R.T.: 0.009 min
Response: 9125943
Conc: 75.96 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048445.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 12:25
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 10 13:50:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 13:47:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.268	9349129	48.127 ug/ml
Spiked Amount 50.000		Recovery =	96.25%
12) S 1-chlorooctadecane (S...	12.708	7098302	48.185 ug/ml
Spiked Amount 50.000		Recovery =	96.37%
Target Compounds			
1) T n-Nonane (C9)	3.126	8062266	48.969 ug/ml
2) T n-Decane (C10)	4.172	8236328	48.553 ug/ml
3) T A~Naphthalene (C11.7)	5.720	9074648	48.723 ug/ml
4) T n-Dodecane (C12)	6.167	8307703	48.320 ug/ml
5) T A~2-methylnaphthalene...	6.766	8776820	48.520 ug/ml
6) T n-Tetradecane (C14)	7.948	8287432	48.465 ug/ml
7) T n-Hexadecane (C16)	9.538	8535989	48.286 ug/ml
8) T n-Octadecane (C18)	10.971	8597591	48.242 ug/ml
10) T n-Eicosane (C20)	12.272	8258299	48.359 ug/ml
11) T n-Heneicosane (C21)	12.879	8075901	48.164 ug/ml
13) T n-Docosane (C22)	13.462	8068596	48.315 ug/ml
14) T n-Tetracosane (C24)	14.559	8027130	48.478 ug/ml
15) T n-Hexacosane (C26)	15.573	7850979	48.813 ug/ml
16) T n-Octacosane (C28)	16.518	7655294	48.591 ug/ml
17) T n-Tricontane (C30)	17.400	7695828	47.955 ug/ml
18) T n-Dotriacontane (C32)	18.228	7323977	47.347 ug/ml
19) T n-Tetratriacontane (C34)	19.006	6418459	47.543 ug/ml
20) T n-Hexatriacontane (C36)	19.742	5473534	47.583 ug/ml
21) T n-Octatriacontane (C38)	20.436	5312795	48.202 ug/ml
22) T n-Tetracontane (C40)	21.219	5142679	48.653 ug/ml

(f)=RT Delta > 1/2 Window

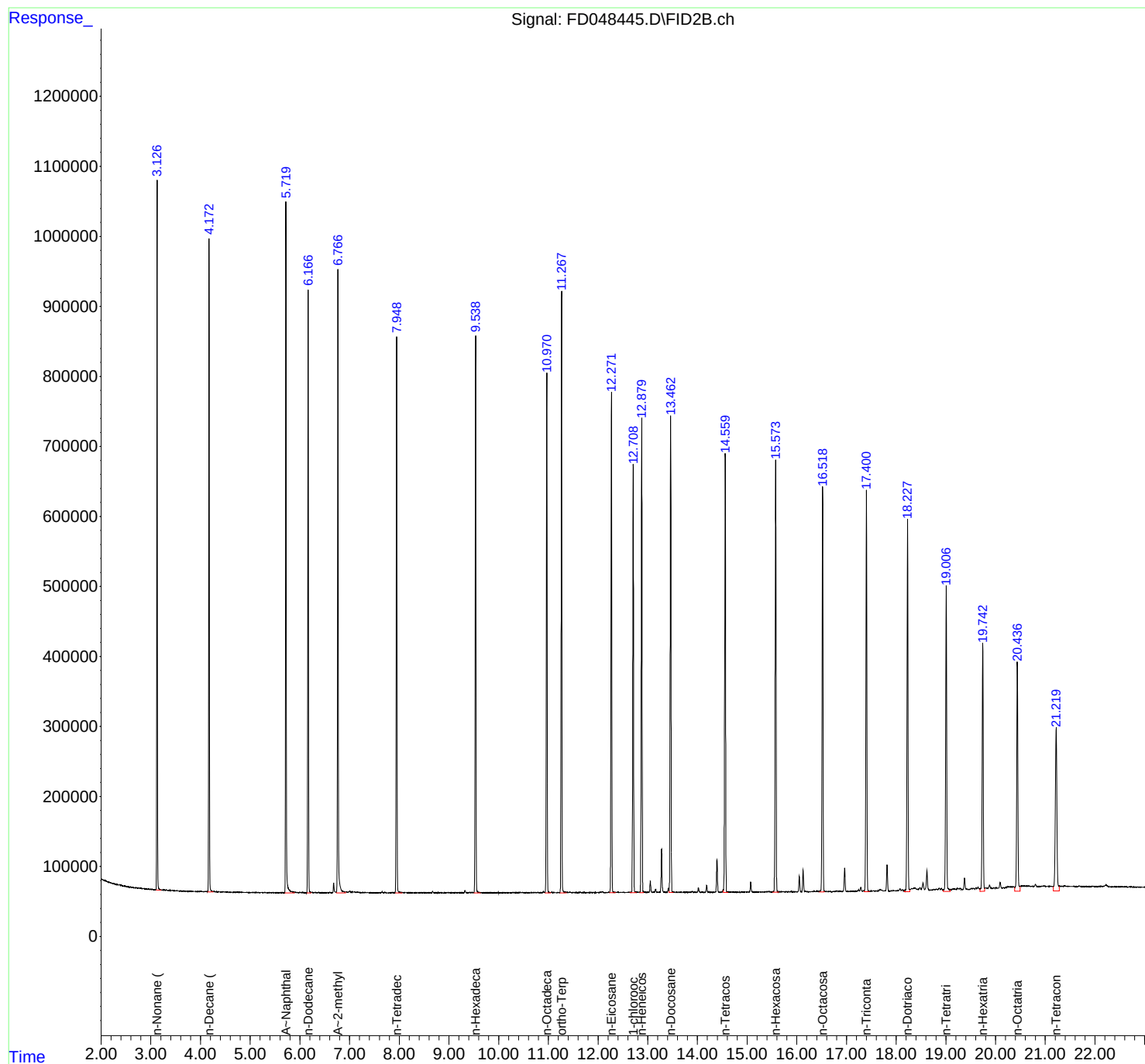
(m)=manual int.

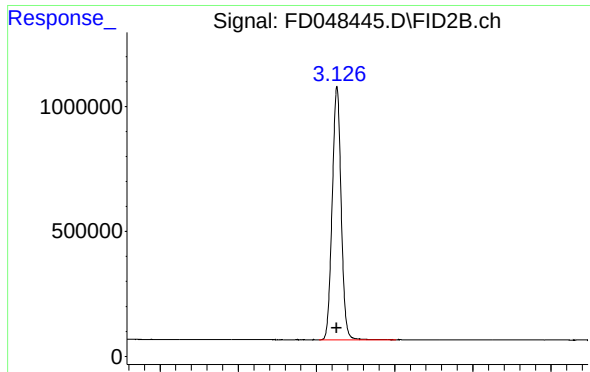
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
Data File : FD048445.D
Signal(s) : FID2B.ch
Acq On : 10 Oct 2024 12:25
Operator : YP/AJ
Sample : 50 PPM ALIPHATIC HC STD2
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
Quant Time: Oct 10 13:50:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 10 13:47:32 2024
Response via : Initial Calibration
Integrator: ChemStation

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

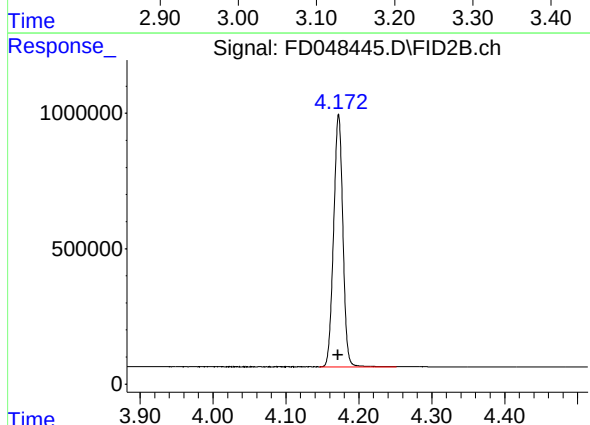




#1 n-Nonane (C9)

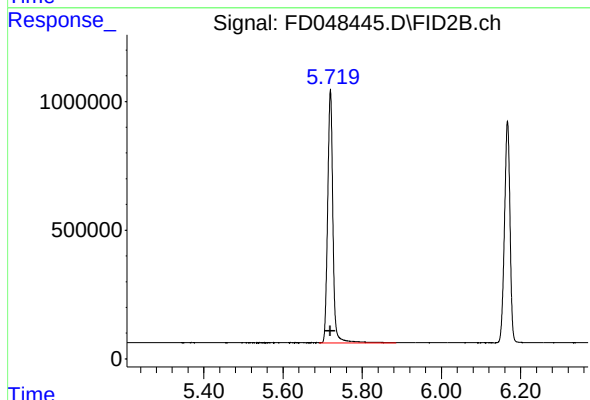
R.T.: 3.126 min
Delta R.T.: 0.000 min
Response: 8062266
Conc: 48.97 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



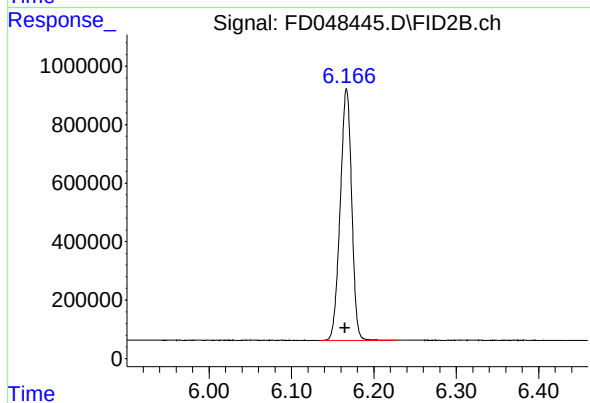
#2 n-Decane (C10)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 8236328
Conc: 48.55 ug/ml



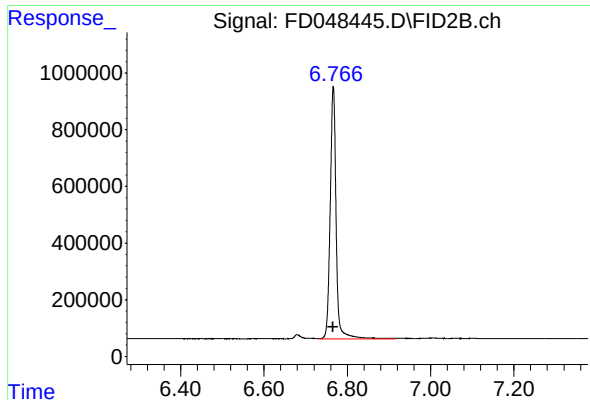
#3 A~Naphthalene (C11.7)

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 9074648
Conc: 48.72 ug/ml



#4 n-Dodecane (C12)

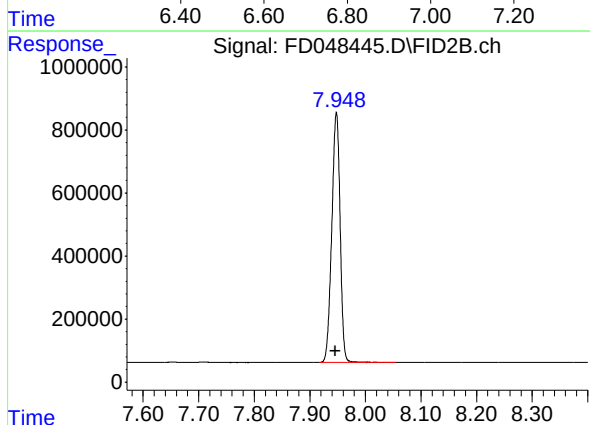
R.T.: 6.167 min
Delta R.T.: 0.002 min
Response: 8307703
Conc: 48.32 ug/ml



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

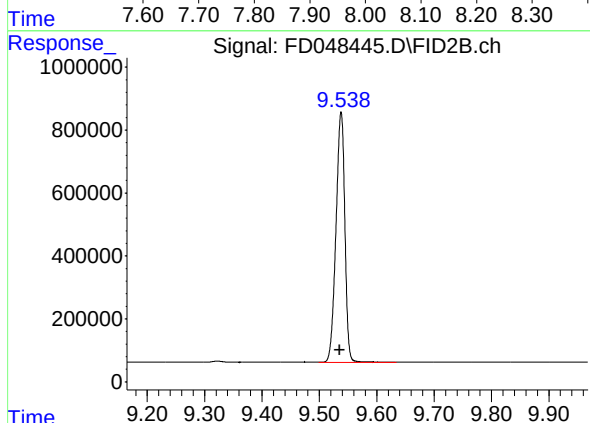
R.T.: 6.766 min
Delta R.T.: 0.001 min
Response: 8776820
Conc: 48.52 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



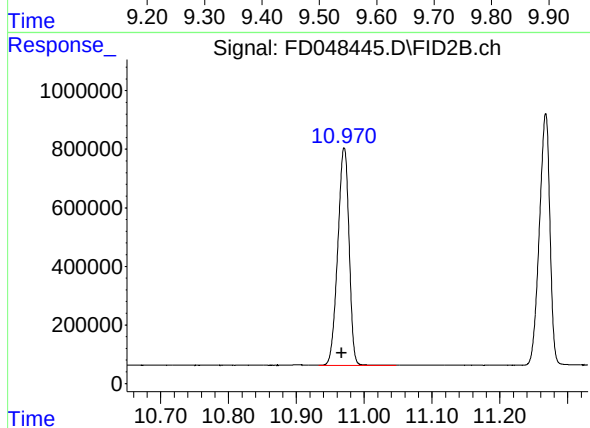
#6 n-Tetradecane (C14)

R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 8287432
Conc: 48.46 ug/ml



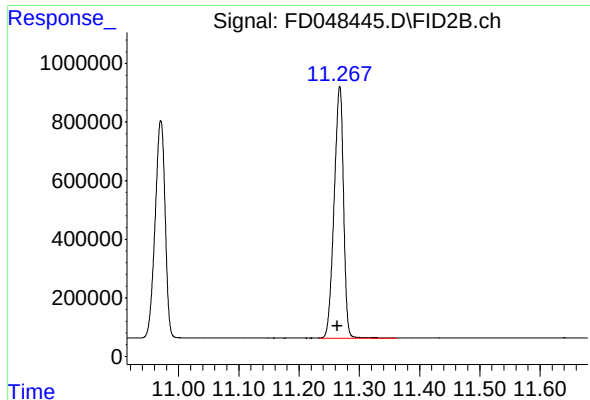
#7 n-Hexadecane (C16)

R.T.: 9.538 min
Delta R.T.: 0.003 min
Response: 8535989
Conc: 48.29 ug/ml



#8 n-Octadecane (C18)

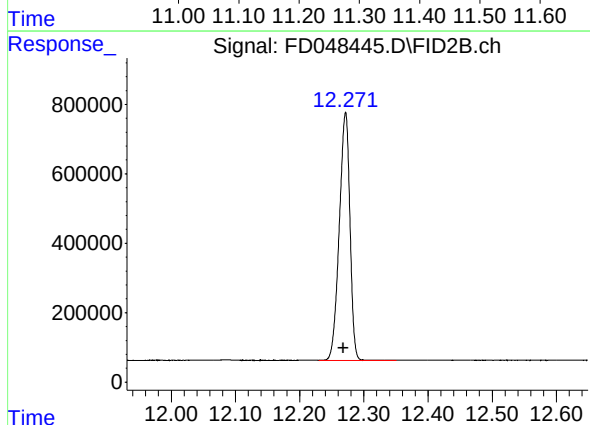
R.T.: 10.971 min
Delta R.T.: 0.004 min
Response: 8597591
Conc: 48.24 ug/ml



#9 ortho-Terphenyl (SURR)

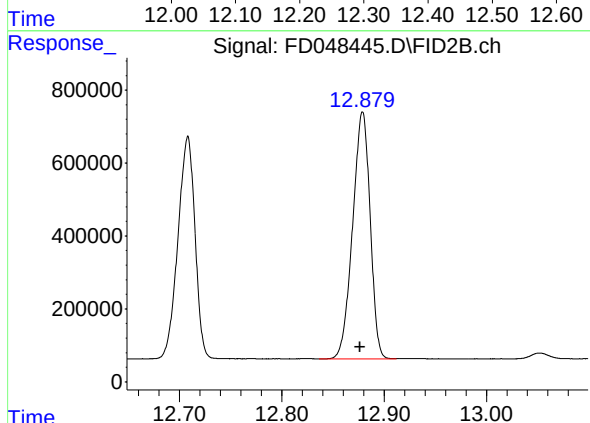
R.T.: 11.268 min
Delta R.T.: 0.004 min
Response: 9349129
Conc: 48.13 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



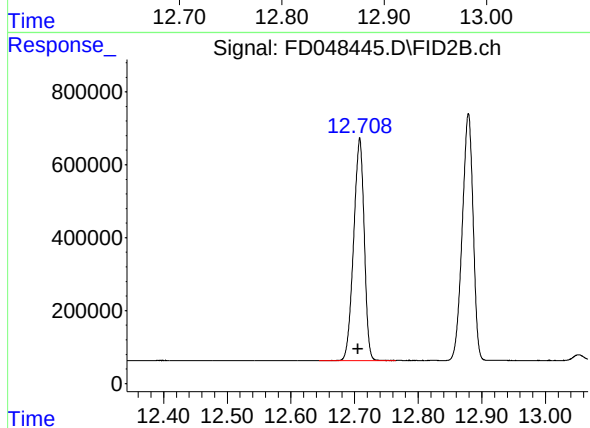
#10 n-Eicosane (C20)

R.T.: 12.272 min
Delta R.T.: 0.003 min
Response: 8258299
Conc: 48.36 ug/ml



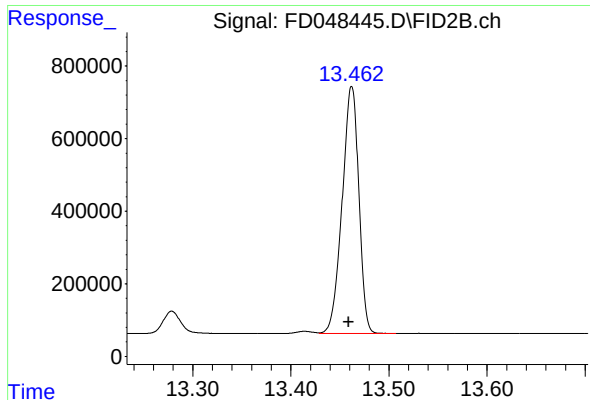
#11 n-Heneicosane (C21)

R.T.: 12.879 min
Delta R.T.: 0.003 min
Response: 8075901
Conc: 48.16 ug/ml



#12 1-chlorooctadecane (SURR)

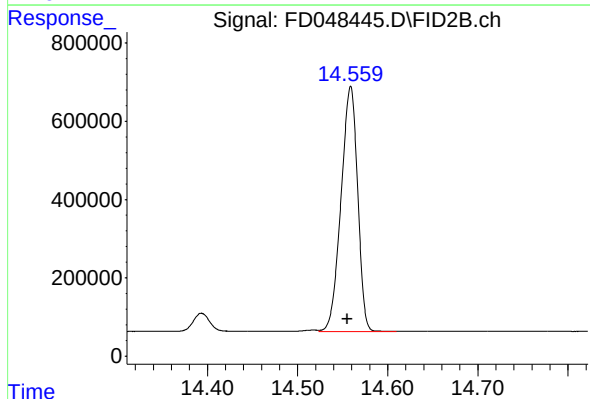
R.T.: 12.708 min
Delta R.T.: 0.003 min
Response: 7098302
Conc: 48.19 ug/ml



#13 n-Docosane (C22)

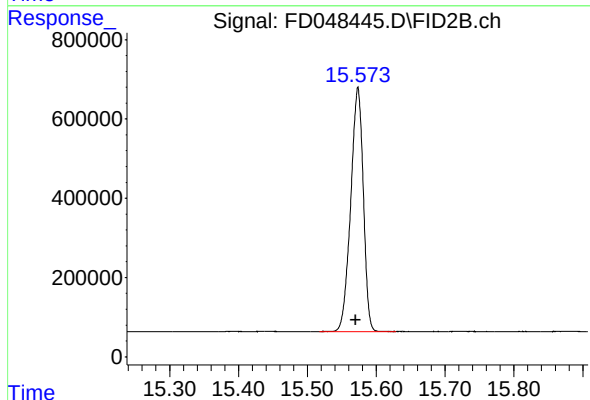
R.T.: 13.462 min
Delta R.T.: 0.003 min
Response: 8068596
Conc: 48.32 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



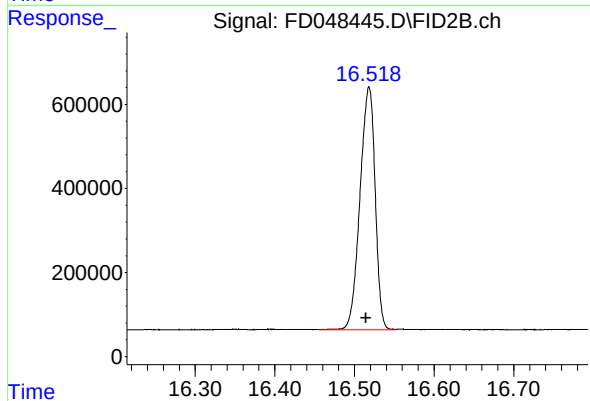
#14 n-Tetracosane (C24)

R.T.: 14.559 min
Delta R.T.: 0.004 min
Response: 8027130
Conc: 48.48 ug/ml



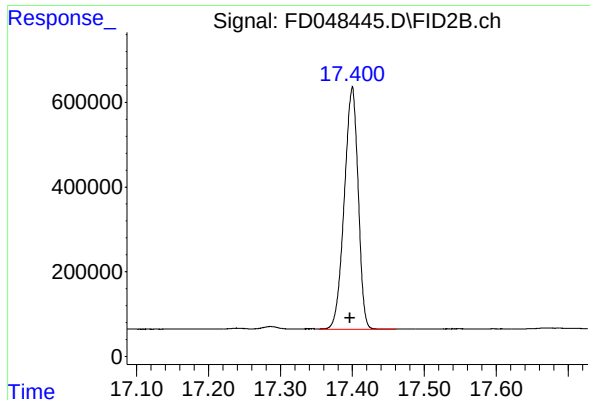
#15 n-Hexacosane (C26)

R.T.: 15.573 min
Delta R.T.: 0.003 min
Response: 7850979
Conc: 48.81 ug/ml



#16 n-Octacosane (C28)

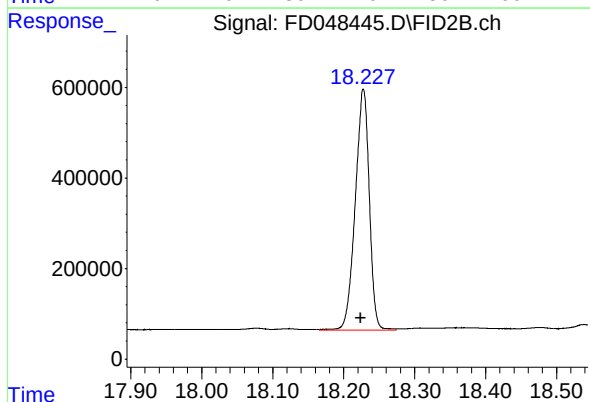
R.T.: 16.518 min
Delta R.T.: 0.004 min
Response: 7655294
Conc: 48.59 ug/ml



#17 n-Tricontane (C30)

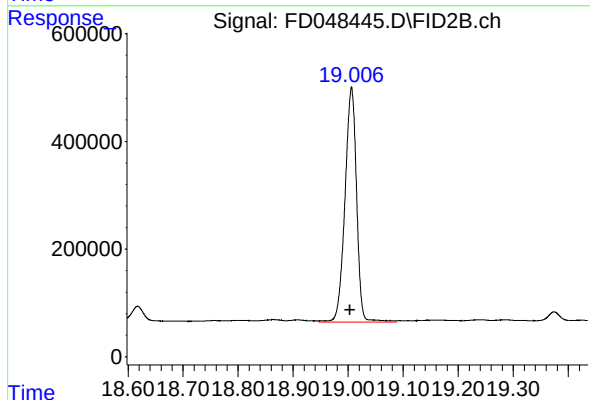
R.T.: 17.400 min
Delta R.T.: 0.003 min
Response: 7695828
Conc: 47.95 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



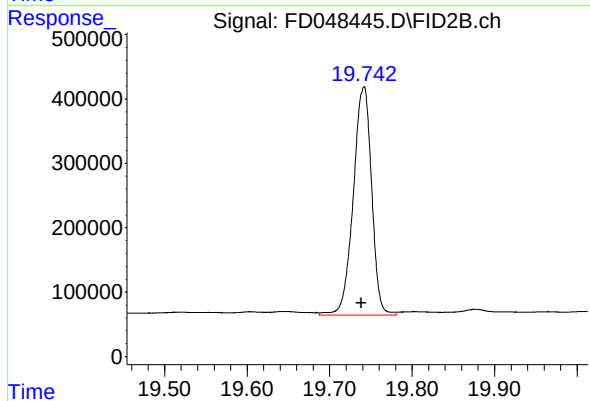
#18 n-Dotriacontane (C32)

R.T.: 18.228 min
Delta R.T.: 0.004 min
Response: 7323977
Conc: 47.35 ug/ml



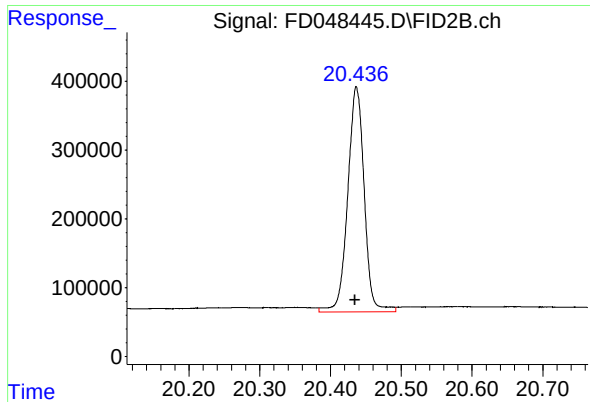
#19 n-Tetatriacontane (C34)

R.T.: 19.006 min
Delta R.T.: 0.003 min
Response: 6418459
Conc: 47.54 ug/ml



#20 n-Hexatriacontane (C36)

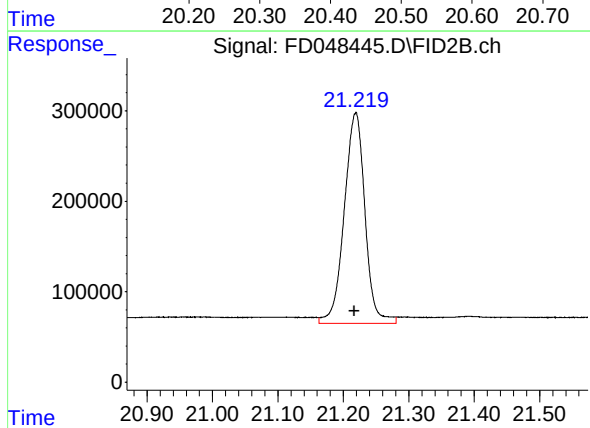
R.T.: 19.742 min
Delta R.T.: 0.003 min
Response: 5473534
Conc: 47.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.436 min
Delta R.T.: 0.002 min
Response: 5312795
Conc: 48.20 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.219 min
Delta R.T.: 0.002 min
Response: 5142679
Conc: 48.65 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048446.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 13:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Oct 10 13:48:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 13:47:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.264	4110729	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.706	3121463	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.126	3462081	20.000 ug/ml
2) T n-Decane (C10)	4.171	3581427	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.719	3909361	20.000 ug/ml
4) T n-Dodecane (C12)	6.165	3625136	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.765	3791451	20.000 ug/ml
6) T n-Tetradecane (C14)	7.946	3604222	20.000 ug/ml
7) T n-Hexadecane (C16)	9.535	3739992	20.000 ug/ml
8) T n-Octadecane (C18)	10.967	3777074	20.000 ug/ml
10) T n-Eicosane (C20)	12.268	3620374	20.000 ug/ml
11) T n-Heneicosane (C21)	12.876	3555315	20.000 ug/ml
13) T n-Docosane (C22)	13.459	3549279	20.000 ug/ml
14) T n-Tetracosane (C24)	14.555	3523874	20.000 ug/ml
15) T n-Hexacosane (C26)	15.570	3416215	20.000 ug/ml
16) T n-Octacosane (C28)	16.515	3384178	20.000 ug/ml
17) T n-Tricontane (C30)	17.397	3520520	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.224	3460142	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.003	3029543	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.738	2559211	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.435	2492172	20.000 ug/ml
22) T n-Tetracontane (C40)	21.217	2402874	20.000 ug/ml

(f)=RT Delta > 1/2 Window

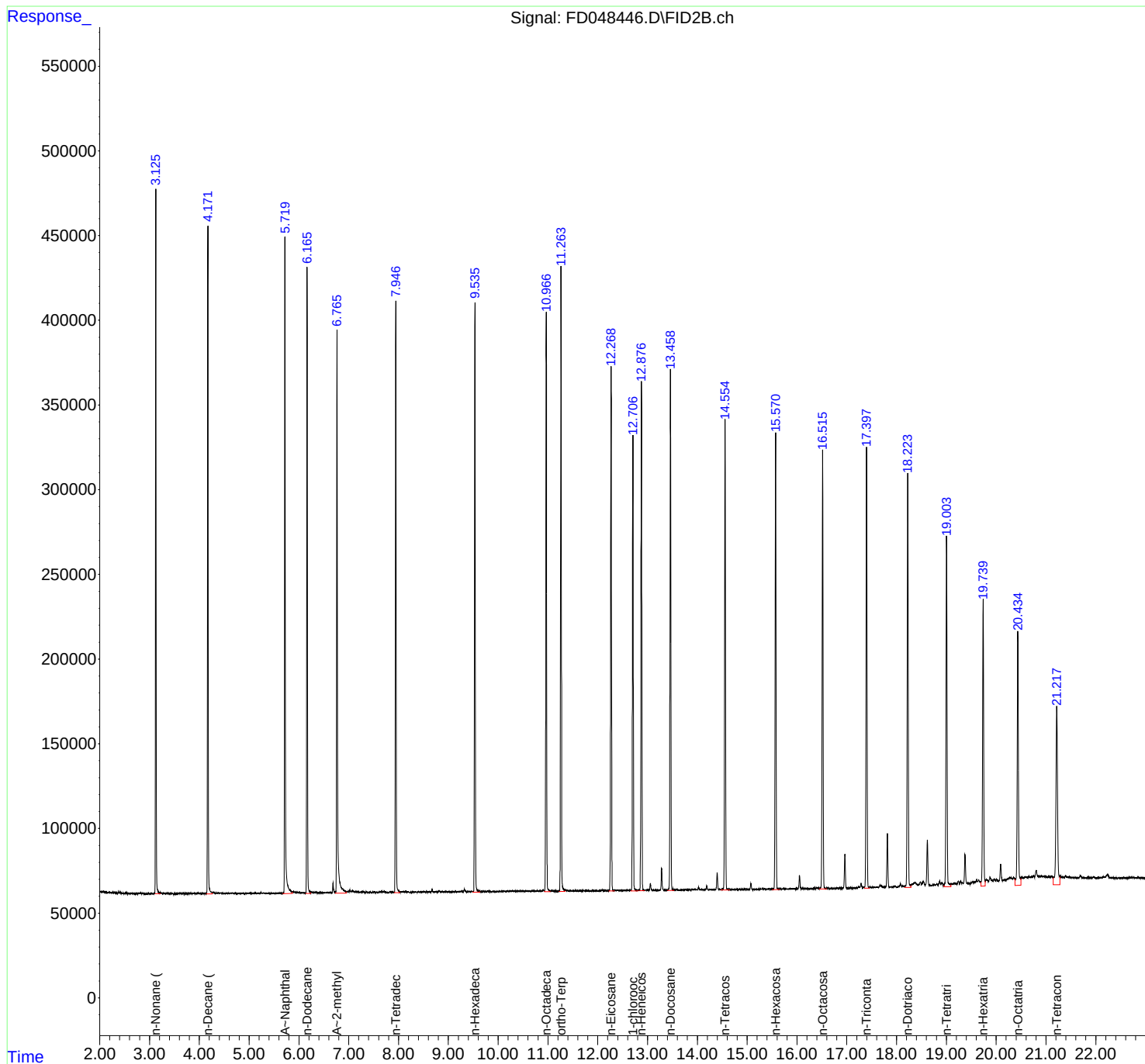
(m)=manual int.

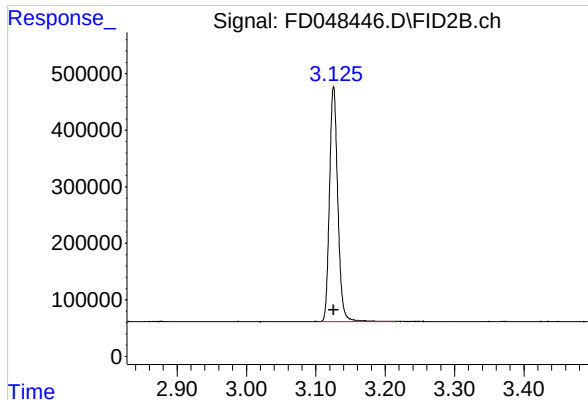
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
Data File : FD048446.D
Signal(s) : FID2B.ch
Acq On : 10 Oct 2024 13:01
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD3
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
Quant Time: Oct 10 13:48:06 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 10 13:47:32 2024
Response via : Initial Calibration
Integrator: ChemStation

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

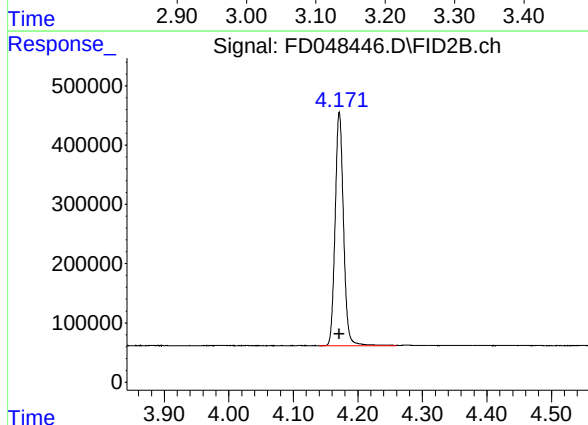




#1 n-Nonane (C9)

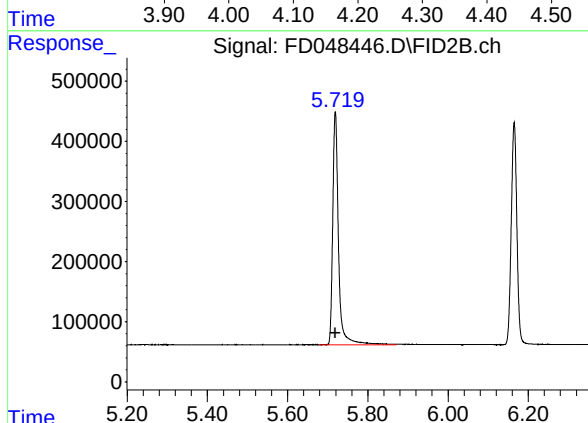
R.T.: 3.126 min
Delta R.T.: 0.000 min
Response: 3462081
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



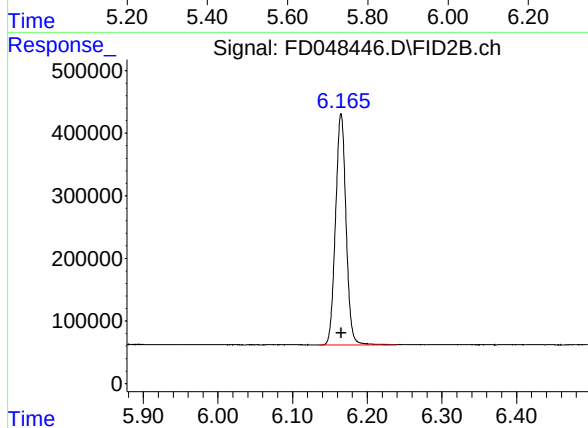
#2 n-Decane (C10)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 3581427
Conc: 20.00 ug/ml



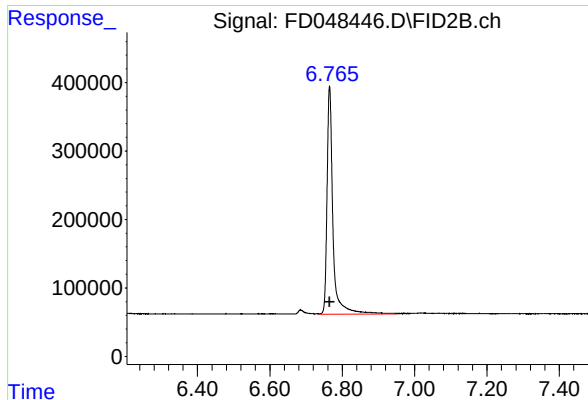
#3 A~Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3909361
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

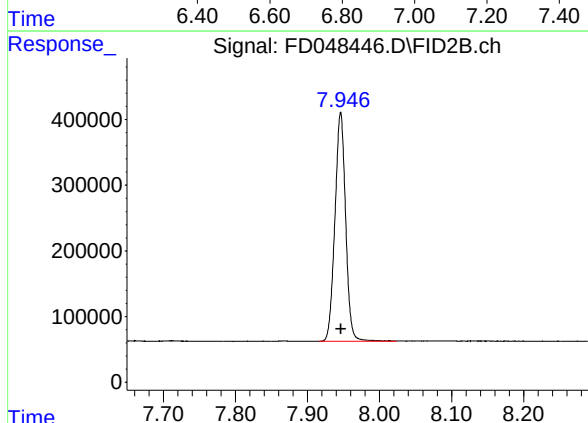
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 3625136
Conc: 20.00 ug/ml



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

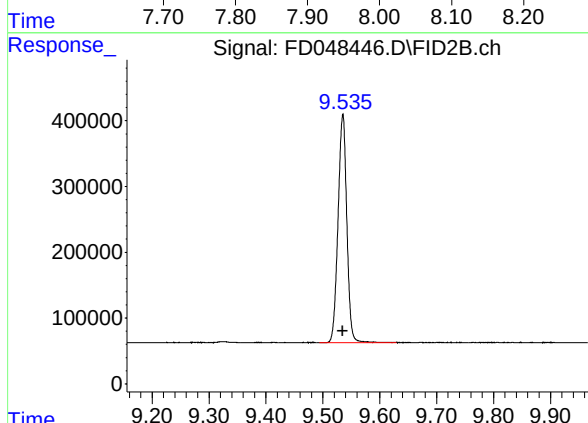
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 3791451
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



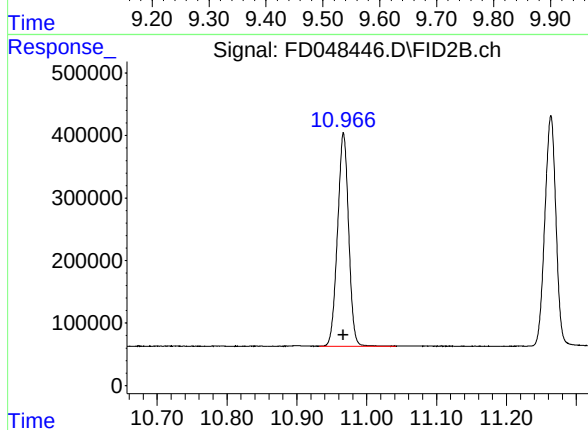
#6 n-Tetradecane (C14)

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 3604222
Conc: 20.00 ug/ml



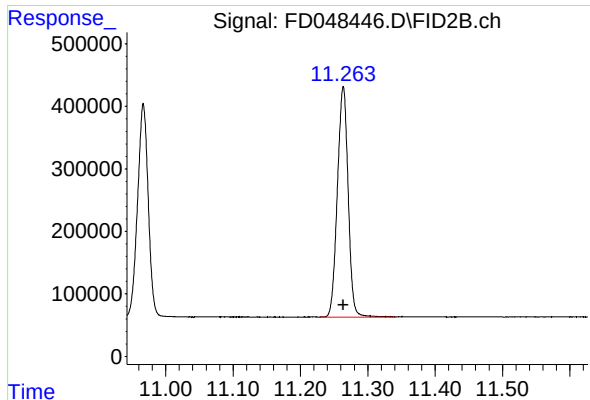
#7 n-Hexadecane (C16)

R.T.: 9.535 min
Delta R.T.: 0.000 min
Response: 3739992
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

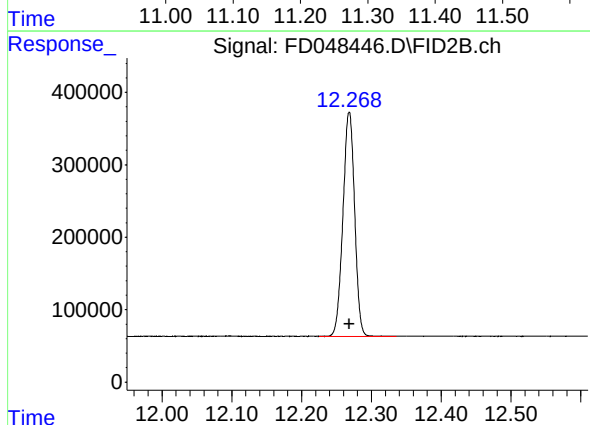
R.T.: 10.967 min
Delta R.T.: 0.000 min
Response: 3777074
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

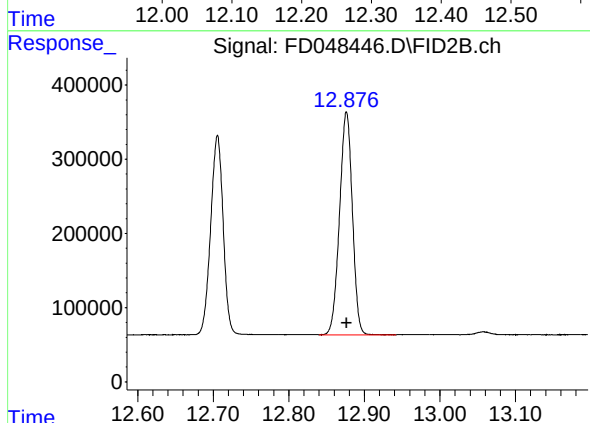
R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 4110729
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



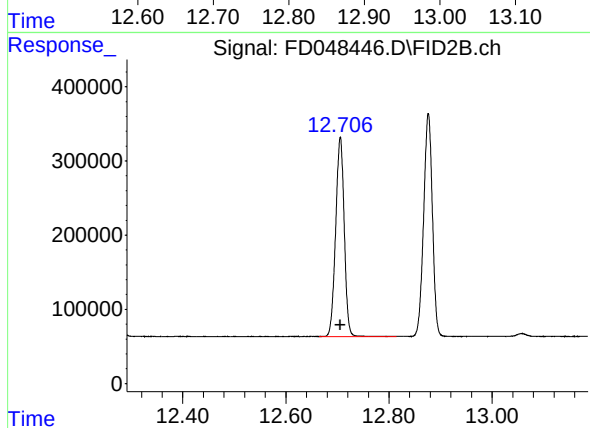
#10 n-Eicosane (C20)

R.T.: 12.268 min
Delta R.T.: 0.000 min
Response: 3620374
Conc: 20.00 ug/ml



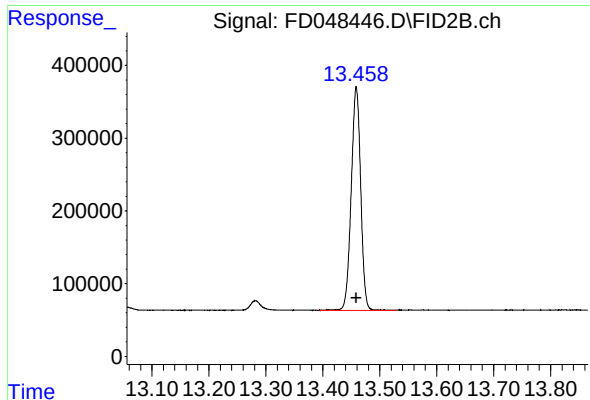
#11 n-Heneicosane (C21)

R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 3555315
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

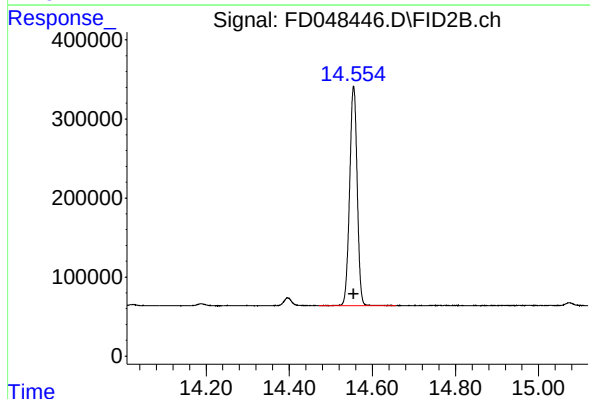
R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 3121463
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

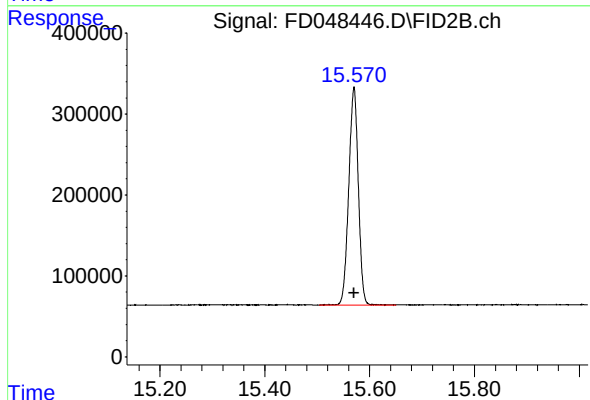
R.T.: 13.459 min
Delta R.T.: 0.000 min
Response: 3549279
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



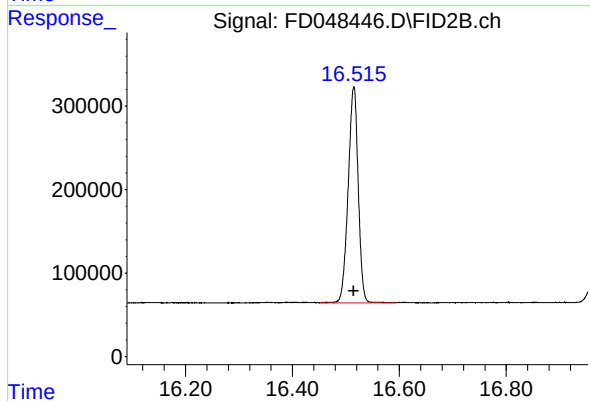
#14 n-Tetracosane (C24)

R.T.: 14.555 min
Delta R.T.: 0.000 min
Response: 3523874
Conc: 20.00 ug/ml



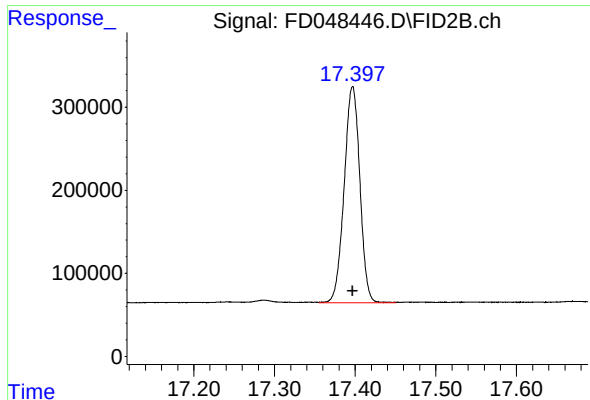
#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: 0.000 min
Response: 3416215
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

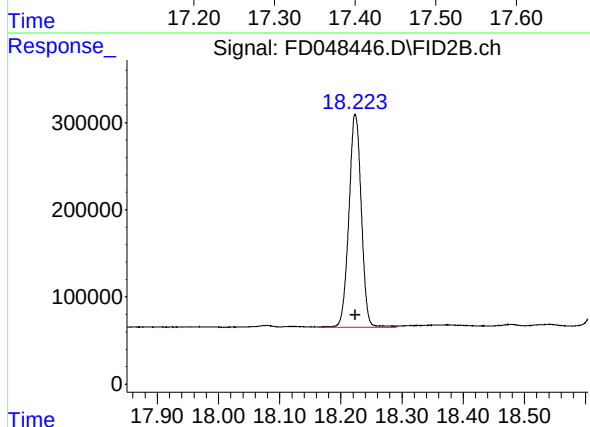
R.T.: 16.515 min
Delta R.T.: 0.000 min
Response: 3384178
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

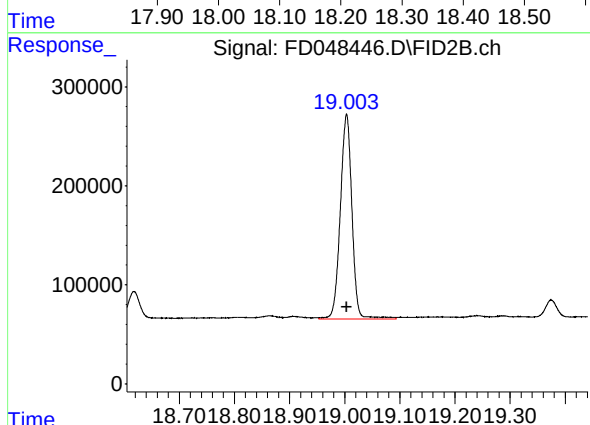
R.T.: 17.397 min
Delta R.T.: 0.000 min
Response: 3520520
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



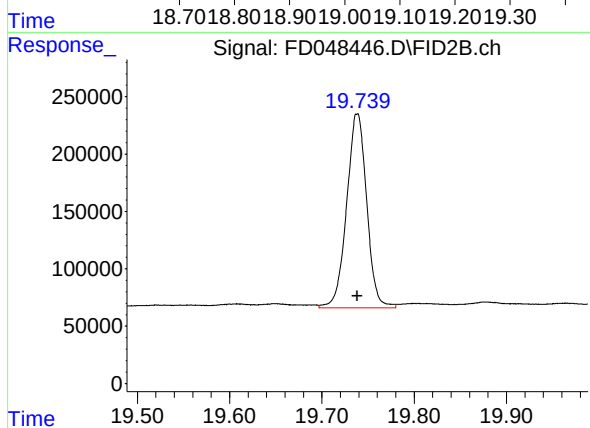
#18 n-Dotriacontane (C32)

R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 3460142
Conc: 20.00 ug/ml



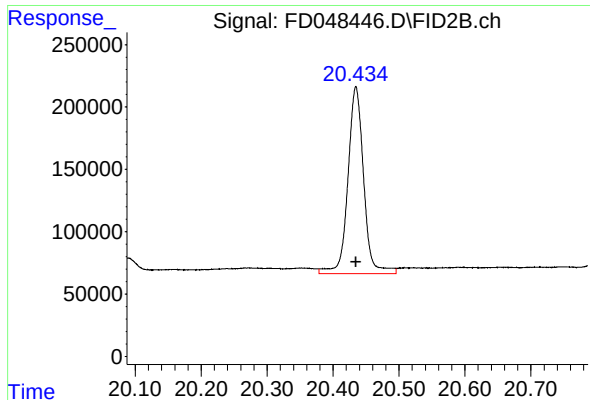
#19 n-Tetratriacontane (C34)

R.T.: 19.003 min
Delta R.T.: 0.000 min
Response: 3029543
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

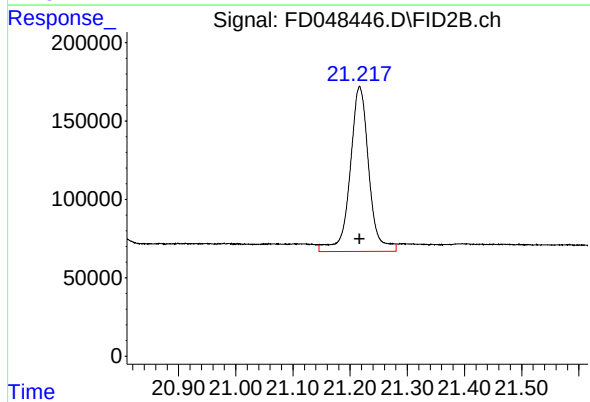
R.T.: 19.738 min
Delta R.T.: 0.000 min
Response: 2559211
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 2492172
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.217 min
Delta R.T.: 0.000 min
Response: 2402874
Conc: 20.00 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048447.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 13:38
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 10 14:31:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 13:47:32 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.263	2019670	10.528 ug/ml
Spiked Amount 50.000		Recovery =	21.06%
12) S 1-chlorooctadecane (S...	12.705	1506095	10.349 ug/ml
Spiked Amount 50.000		Recovery =	20.70%
Target Compounds			
1) T n-Nonane (C9)	3.126	1690744	10.340 ug/ml
2) T n-Decane (C10)	4.172	1749986	10.417 ug/ml
3) T A~Naphthalene (C11.7)	5.721	1903862	10.310 ug/ml
4) T n-Dodecane (C12)	6.165	1771123	10.418 ug/ml
5) T A~2-methylnaphthalene...	6.768	1804306	10.074 ug/ml
6) T n-Tetradecane (C14)	7.946	1774788	10.486 ug/ml
7) T n-Hexadecane (C16)	9.535	1831524	10.480 ug/ml
8) T n-Octadecane (C18)	10.966	1837368	10.432 ug/ml
10) T n-Eicosane (C20)	12.267	1762858	10.437 ug/ml
11) T n-Heneicosane (C21)	12.876	1736171	10.483 ug/ml
13) T n-Docosane (C22)	13.458	1723616	10.438 ug/ml
14) T n-Tetracosane (C24)	14.555	1696979	10.354 ug/ml
15) T n-Hexacosane (C26)	15.569	1653914	10.365 ug/ml
16) T n-Octacosane (C28)	16.514	1654645	10.602 ug/ml
17) T n-Tricontane (C30)	17.395	1738781	10.985 ug/ml
18) T n-Dotriacontane (C32)	18.222	1707246	11.235 ug/ml
19) T n-Tetratriacontane (C34)	19.002	1447887	10.903 ug/ml
20) T n-Hexatriacontane (C36)	19.737	1209946	10.691 ug/ml
21) T n-Octatriacontane (C38)	20.434	1144169	10.507 ug/ml
22) T n-Tetracontane (C40)	21.218	922086	8.803 ug/ml

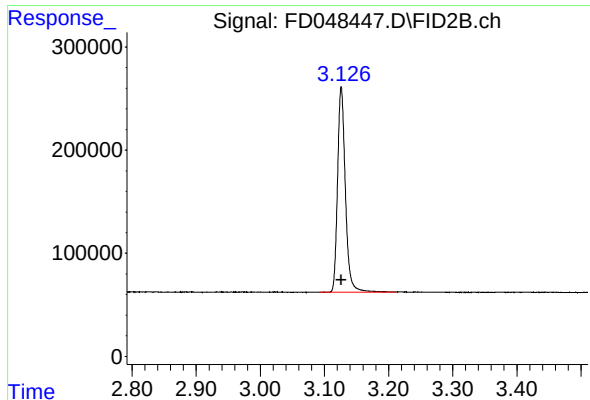
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4

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

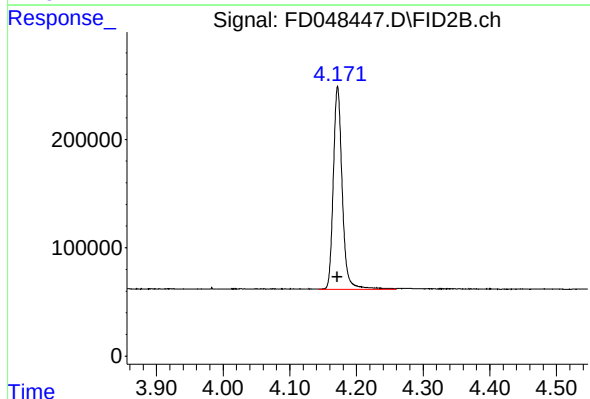




#1 n-Nonane (C9)

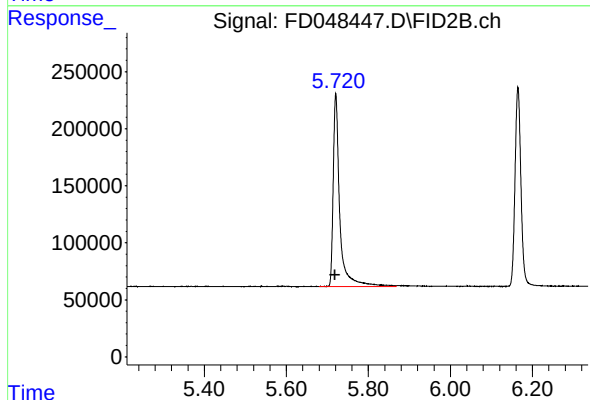
R.T.: 3.126 min
Delta R.T.: 0.000 min
Response: 1690744
Conc: 10.34 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



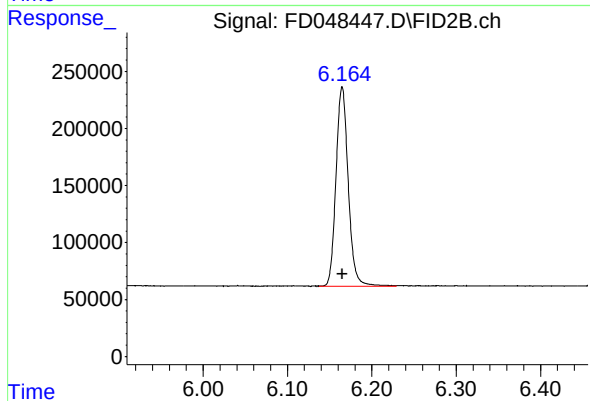
#2 n-Decane (C10)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 1749986
Conc: 10.42 ug/ml



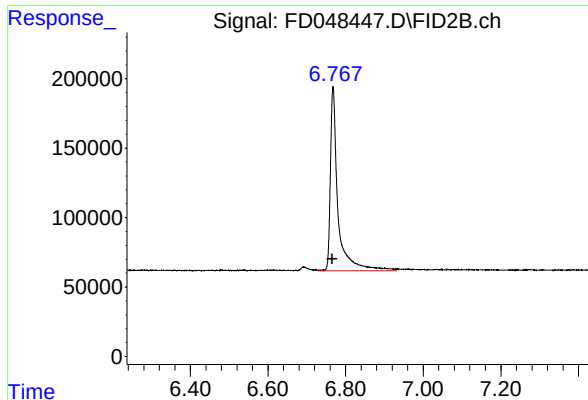
#3 A~Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 1903862
Conc: 10.31 ug/ml



#4 n-Dodecane (C12)

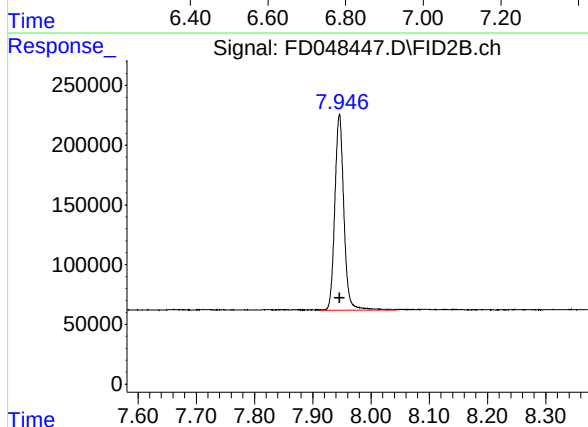
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1771123
Conc: 10.42 ug/ml



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

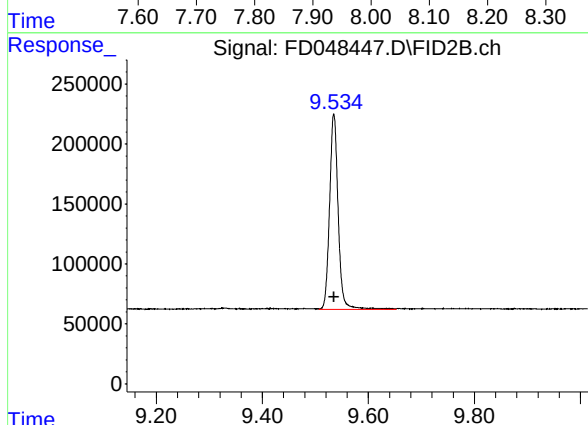
R.T.: 6.768 min
Delta R.T.: 0.003 min
Response: 1804306
Conc: 10.07 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



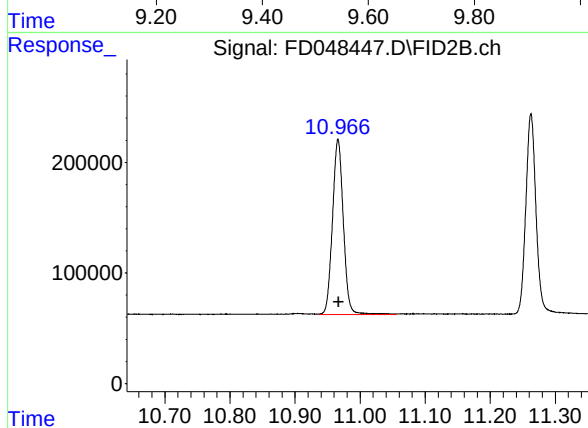
#6 n-Tetradecane (C14)

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 1774788
Conc: 10.49 ug/ml



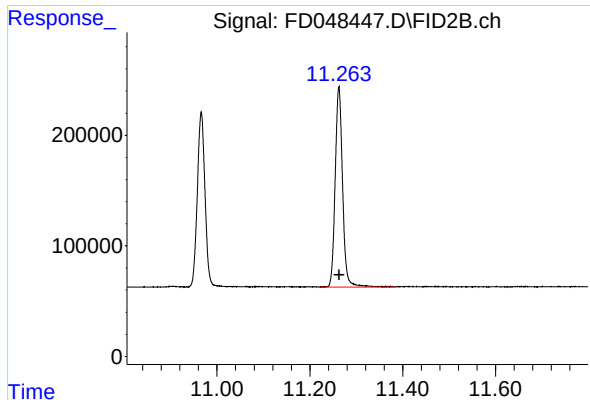
#7 n-Hexadecane (C16)

R.T.: 9.535 min
Delta R.T.: 0.000 min
Response: 1831524
Conc: 10.48 ug/ml



#8 n-Octadecane (C18)

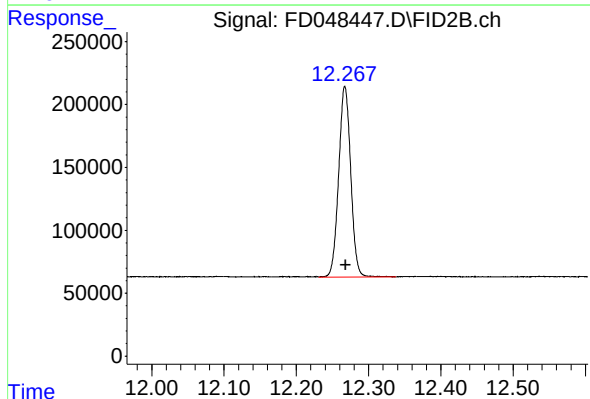
R.T.: 10.966 min
Delta R.T.: 0.000 min
Response: 1837368
Conc: 10.43 ug/ml



#9 ortho-Terphenyl (SURR)

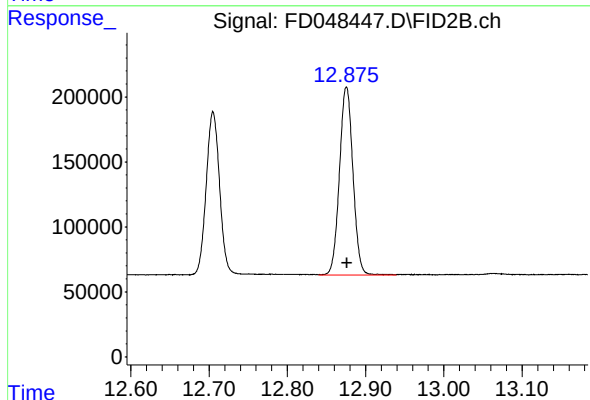
R.T.: 11.263 min
Delta R.T.: -0.001 min
Response: 2019670
Conc: 10.53 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



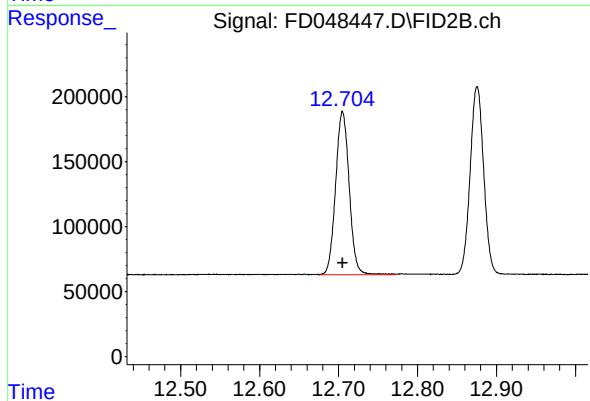
#10 n-Eicosane (C20)

R.T.: 12.267 min
Delta R.T.: 0.000 min
Response: 1762858
Conc: 10.44 ug/ml



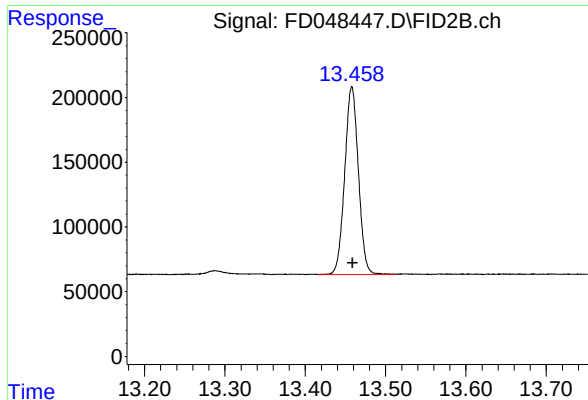
#11 n-Heneicosane (C21)

R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 1736171
Conc: 10.48 ug/ml



#12 1-chlorooctadecane (SURR)

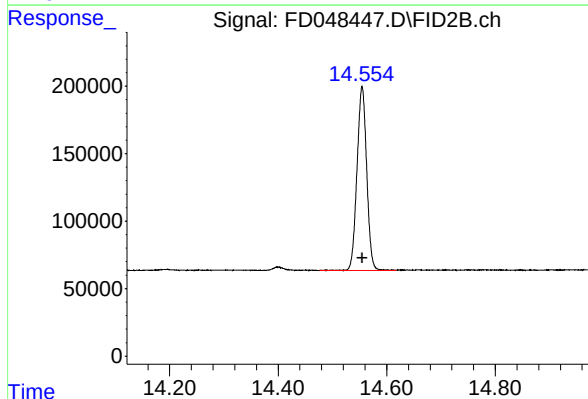
R.T.: 12.705 min
Delta R.T.: 0.000 min
Response: 1506095
Conc: 10.35 ug/ml



#13 n-Docosane (C22)

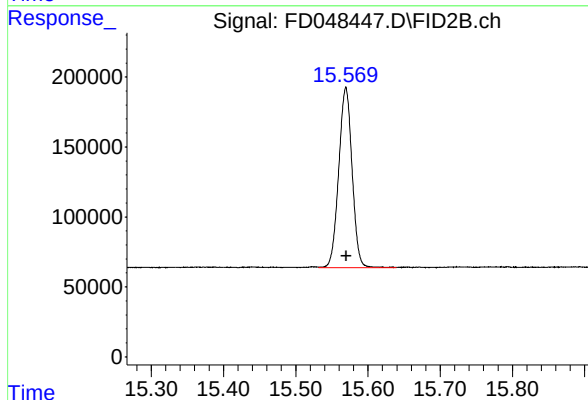
R.T.: 13.458 min
Delta R.T.: 0.000 min
Response: 1723616
Conc: 10.44 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



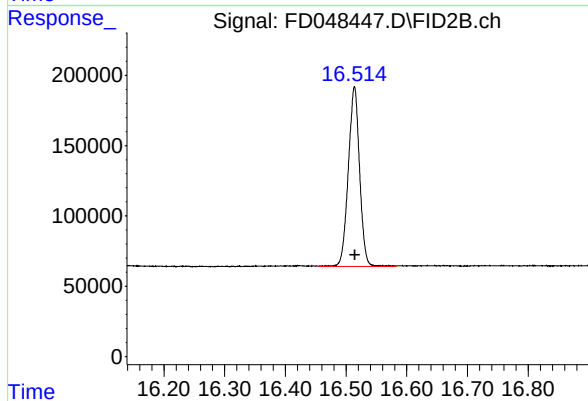
#14 n-Tetracosane (C24)

R.T.: 14.555 min
Delta R.T.: 0.000 min
Response: 1696979
Conc: 10.35 ug/ml



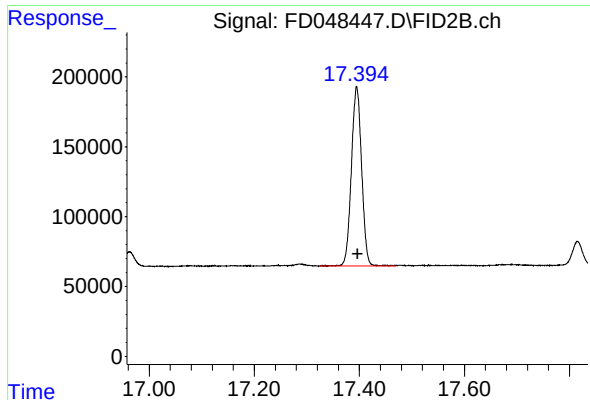
#15 n-Hexacosane (C26)

R.T.: 15.569 min
Delta R.T.: 0.000 min
Response: 1653914
Conc: 10.37 ug/ml



#16 n-Octacosane (C28)

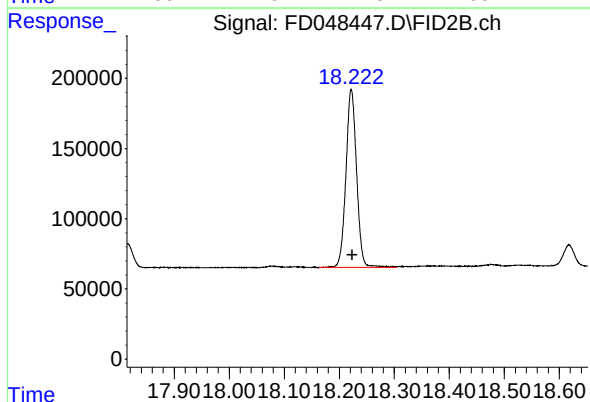
R.T.: 16.514 min
Delta R.T.: 0.000 min
Response: 1654645
Conc: 10.60 ug/ml



#17 n-Tricontane (C30)

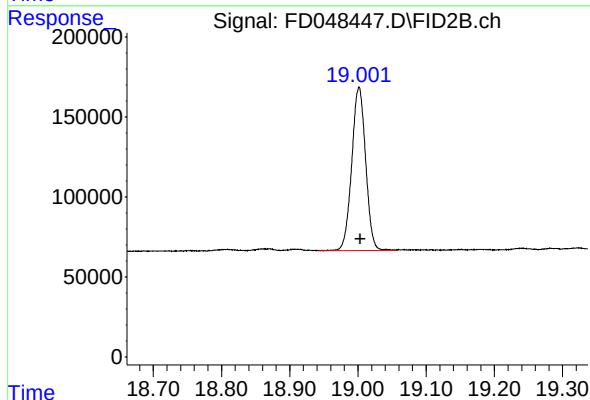
R.T.: 17.395 min
Delta R.T.: -0.002 min
Response: 1738781
Conc: 10.98 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



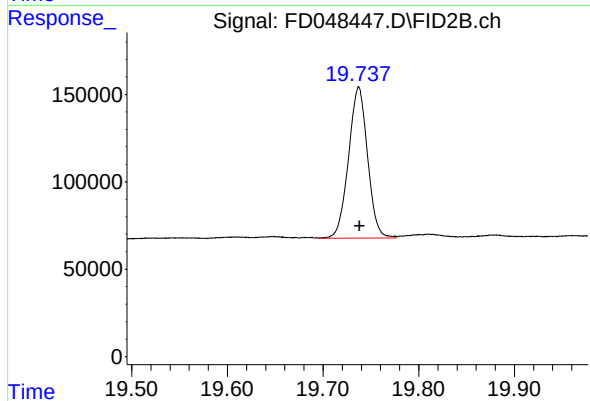
#18 n-Dotriacontane (C32)

R.T.: 18.222 min
Delta R.T.: -0.002 min
Response: 1707246
Conc: 11.24 ug/ml



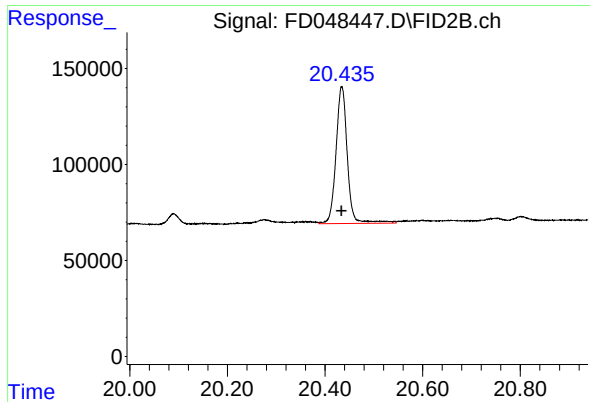
#19 n-Tetatriacontane (C34)

R.T.: 19.002 min
Delta R.T.: -0.002 min
Response: 1447887
Conc: 10.90 ug/ml



#20 n-Hexatriacontane (C36)

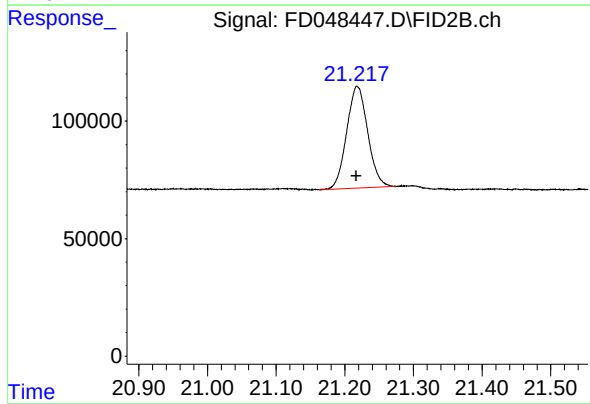
R.T.: 19.737 min
Delta R.T.: -0.001 min
Response: 1209946
Conc: 10.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 1144169
Conc: 10.51 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.218 min
Delta R.T.: 0.002 min
Response: 922086
Conc: 8.80 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048448.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 14:14
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 10 14:47:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:33:01 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)	11.264	1073094	5.521 ug/ml
Spiked Amount 50.000		Recovery =	11.04%
12) S 1-chlorooctadecane (S...	12.705	803893	5.476 ug/ml
Spiked Amount 50.000		Recovery =	10.95%
Target Compounds			
1) T n-Nonane (C9)	3.128	900795	5.463 ug/ml
2) T n-Decane (C10)	4.173	943634	5.559 ug/ml
3) T A~Naphthalene (C11.7)	5.724	1001392	5.381 ug/ml
4) T n-Dodecane (C12)	6.166	941332	5.480 ug/ml
5) T A~2-methylnaphthalene...	6.774	911703	5.081 ug/ml
6) T n-Tetradecane (C14)	7.946	935909	5.463 ug/ml
7) T n-Hexadecane (C16)	9.536	968261	5.475 ug/ml
8) T n-Octadecane (C18)	10.967	977786	5.492 ug/ml
10) T n-Eicosane (C20)	12.268	945496	5.537 ug/ml
11) T n-Heneicosane (C21)	12.875	924832	5.517 ug/ml
13) T n-Docosane (C22)	13.458	930826	5.576 ug/ml
14) T n-Tetracosane (C24)	14.555	927474	5.609 ug/ml
15) T n-Hexacosane (C26)	15.569	917771	5.700 ug/ml
16) T n-Octacosane (C28)	16.514	947649	5.982 ug/ml
17) T n-Tricontane (C30)	17.396	1042332	6.427 ug/ml
18) T n-Dotriacontane (C32)	18.224	1049972	6.703 ug/ml
19) T n-Tetratriacontane (C34)	19.003	891070	6.562 ug/ml
20) T n-Hexatriacontane (C36)	19.738	698976	6.071 ug/ml
21) T n-Octatriacontane (C38)	20.435	593907	5.386 ug/mlm
22) T n-Tetracontane (C40)	21.220	470410	4.629 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
Data File : FD048448.D
Signal(s) : FID2B.ch
Acq On : 10 Oct 2024 14:14
Operator : YP/AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 65 Sample Multiplier: 1

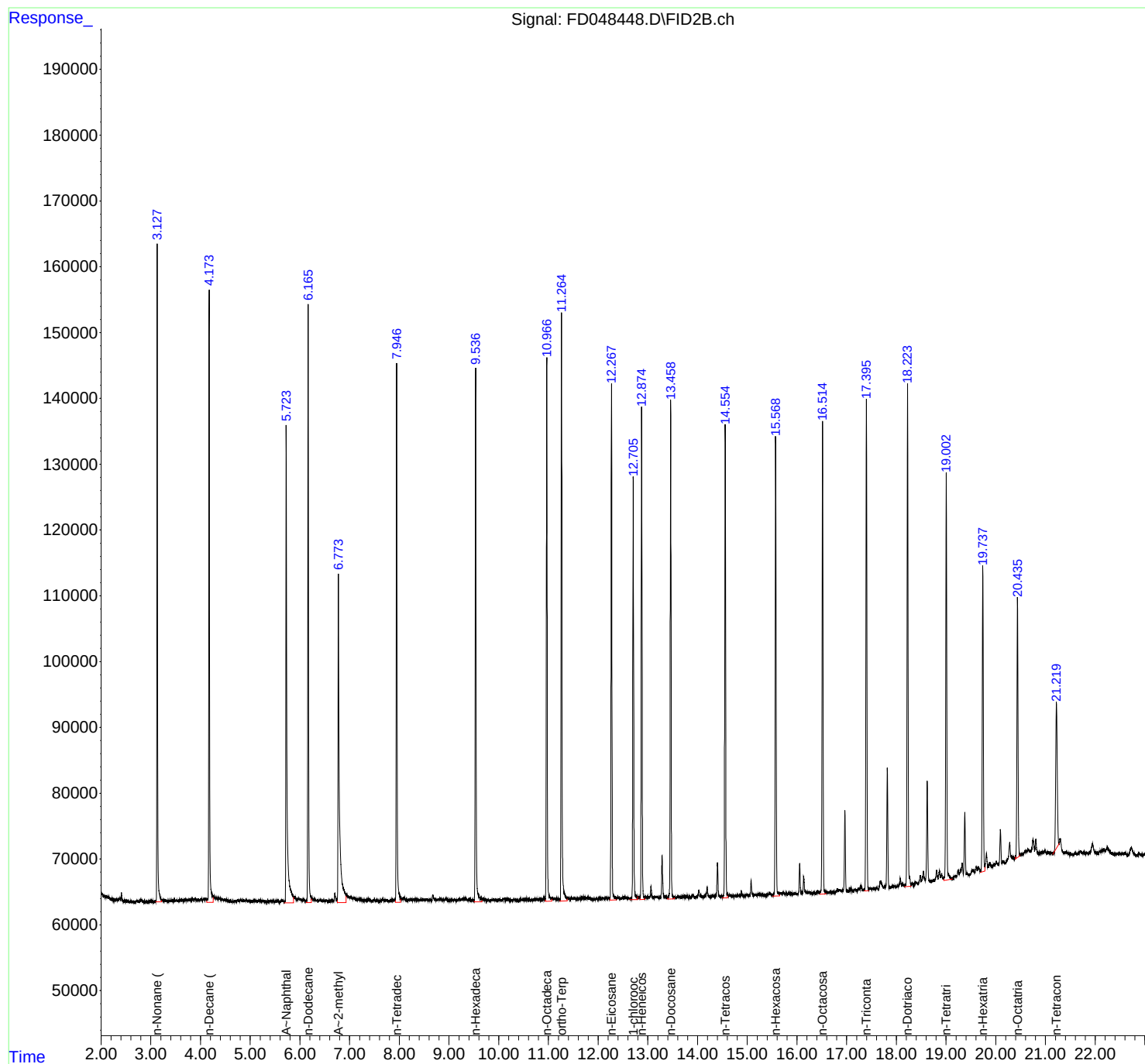
Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

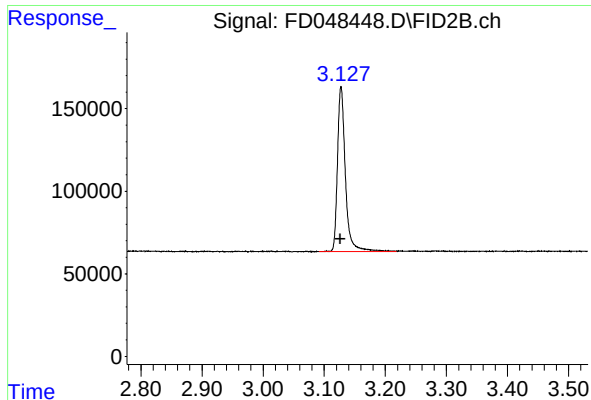
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
Quant Time: Oct 10 14:47:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.
Quant Title : GC Extractables
QLast Update : Thu Oct 10 14:33:01 2024
Response via : Initial Calibration
Integrator: ChemStation

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





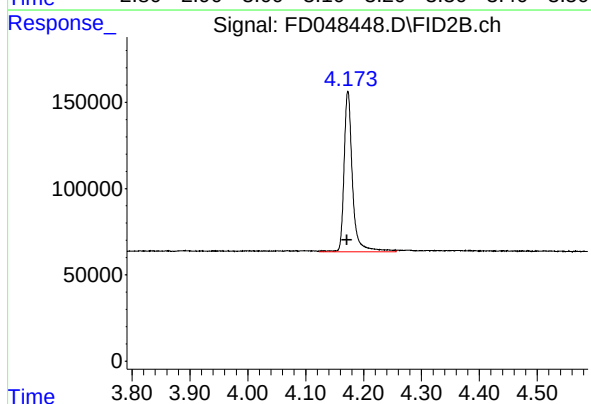
#1 n-Nonane (C9)

R.T.: 3.128 min
Delta R.T.: 0.002 min
Response: 900795
Conc: 5.46 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

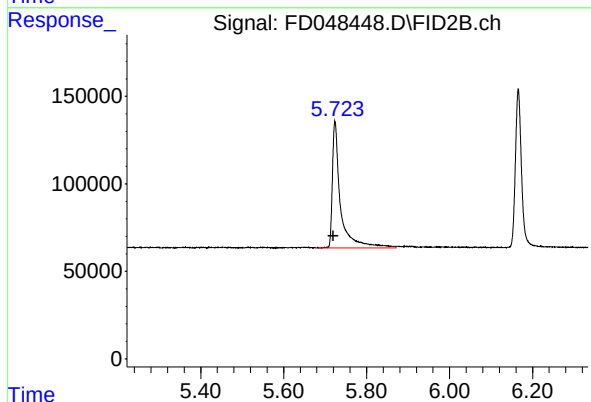
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



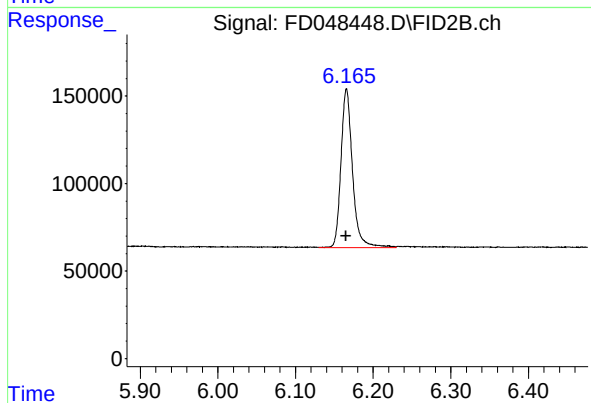
#2 n-Decane (C10)

R.T.: 4.173 min
Delta R.T.: 0.002 min
Response: 943634
Conc: 5.56 ug/ml



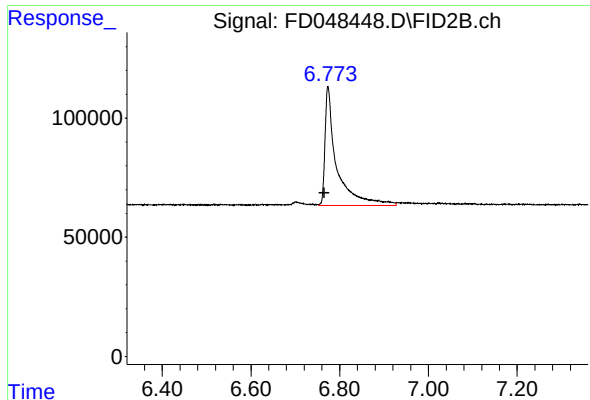
#3 A~Naphthalene (C11.7)

R.T.: 5.724 min
Delta R.T.: 0.005 min
Response: 1001392
Conc: 5.38 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 941332
Conc: 5.48 ug/ml



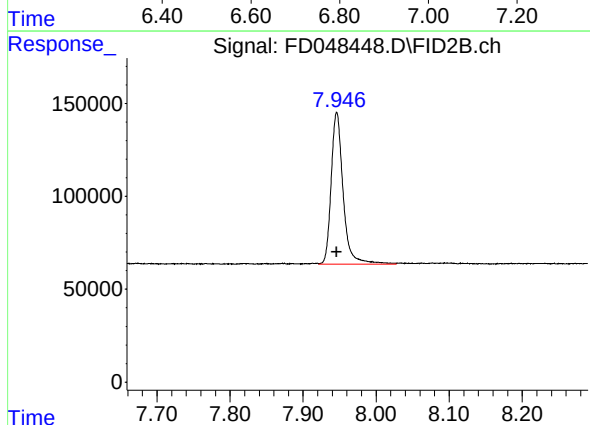
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.774 min
Delta R.T.: 0.009 min
Response: 911703
Conc: 5.08 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

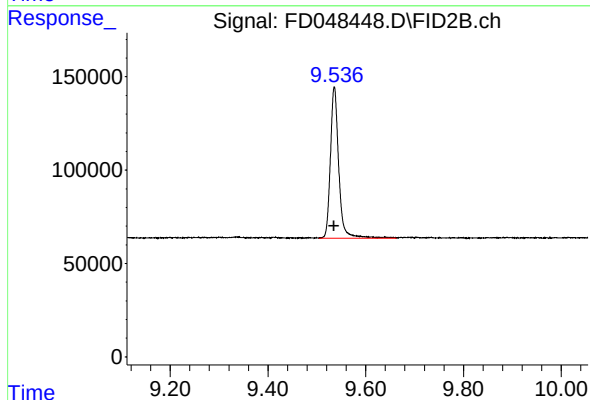
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



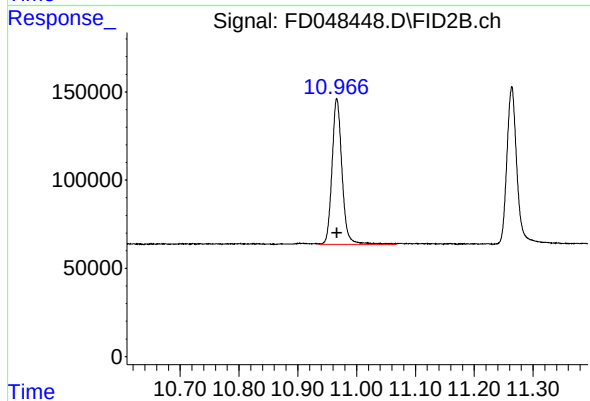
#6 n-Tetradecane (C14)

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 935909
Conc: 5.46 ug/ml



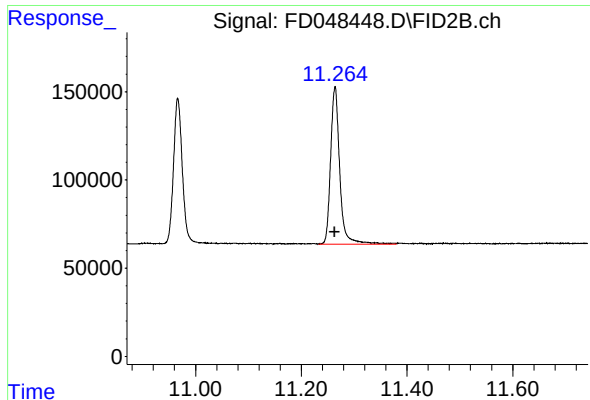
#7 n-Hexadecane (C16)

R.T.: 9.536 min
Delta R.T.: 0.000 min
Response: 968261
Conc: 5.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.967 min
Delta R.T.: 0.000 min
Response: 977786
Conc: 5.49 ug/ml



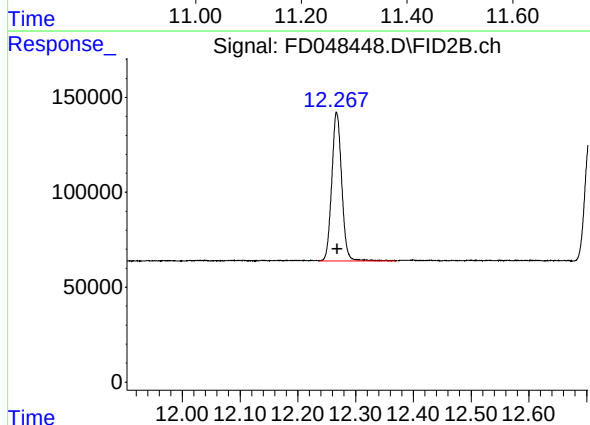
#9 ortho-Terphenyl (SURR)

R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 1073094
Conc: 5.52 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

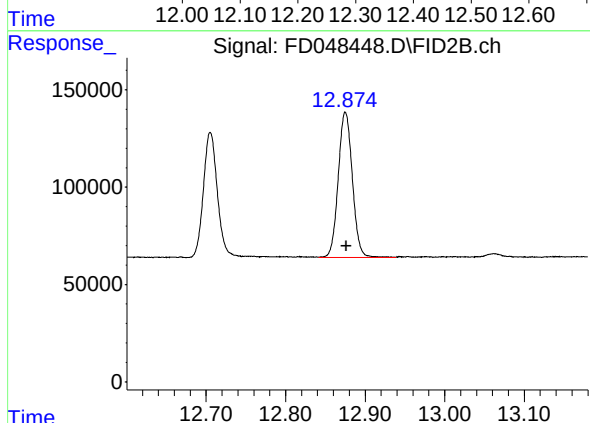
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



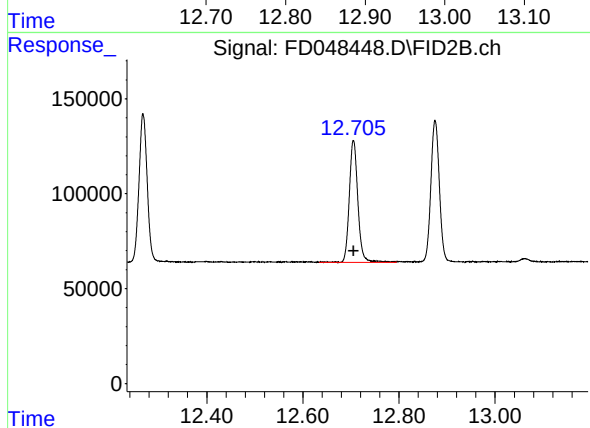
#10 n-Eicosane (C20)

R.T.: 12.268 min
Delta R.T.: 0.000 min
Response: 945496
Conc: 5.54 ug/ml



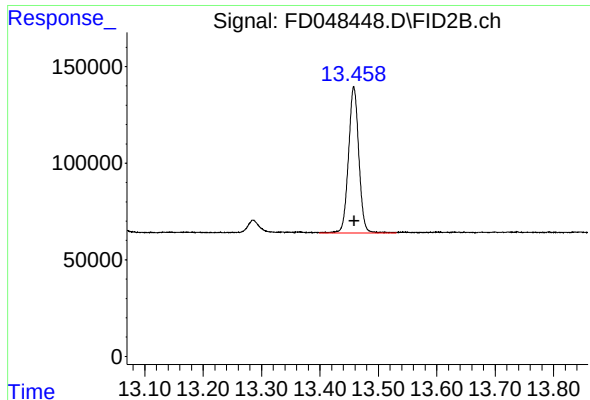
#11 n-Heneicosane (C21)

R.T.: 12.875 min
Delta R.T.: -0.001 min
Response: 924832
Conc: 5.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.705 min
Delta R.T.: 0.000 min
Response: 803893
Conc: 5.48 ug/ml



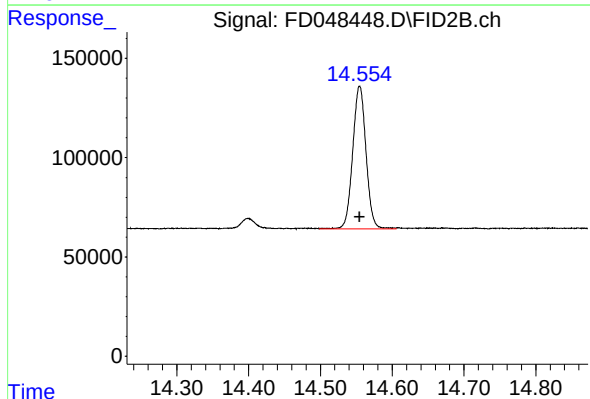
#13 n-Docosane (C22)

R.T.: 13.458 min
Delta R.T.: 0.000 min
Response: 930826
Conc: 5.58 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

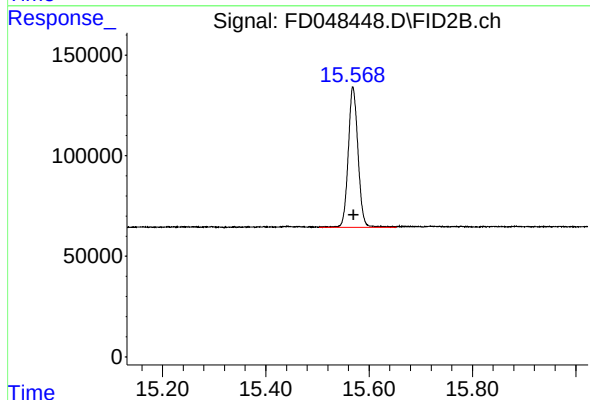
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



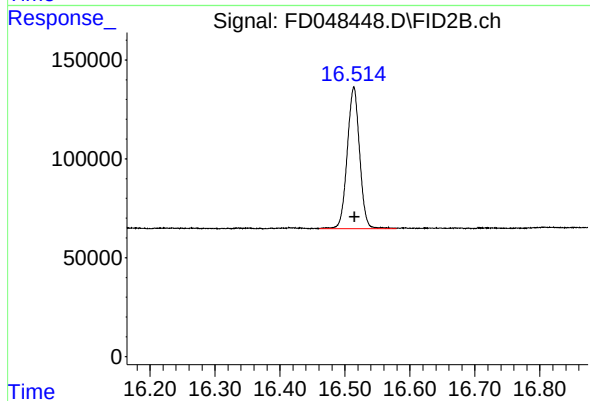
#14 n-Tetracosane (C24)

R.T.: 14.555 min
Delta R.T.: 0.000 min
Response: 927474
Conc: 5.61 ug/ml



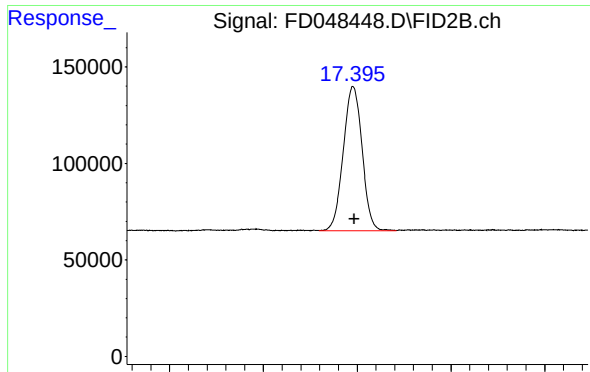
#15 n-Hexacosane (C26)

R.T.: 15.569 min
Delta R.T.: -0.001 min
Response: 917771
Conc: 5.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.514 min
Delta R.T.: -0.001 min
Response: 947649
Conc: 5.98 ug/ml



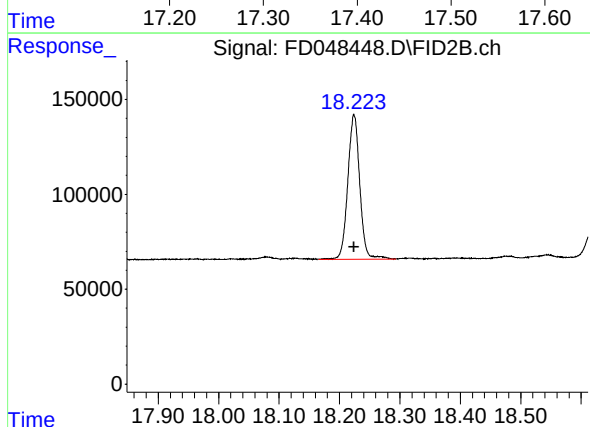
#17 n-Tricontane (C30)

R.T.: 17.396 min
Delta R.T.: -0.001 min
Response: 1042332
Conc: 6.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

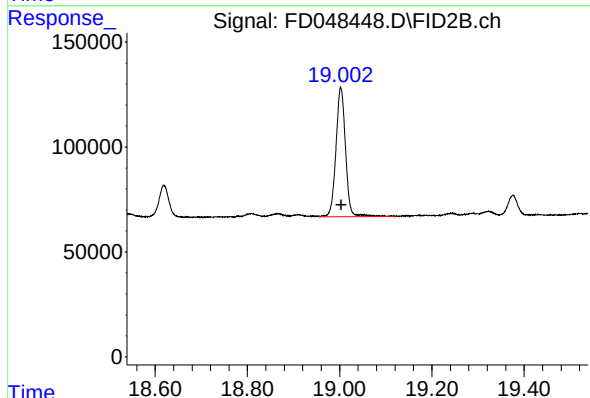
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



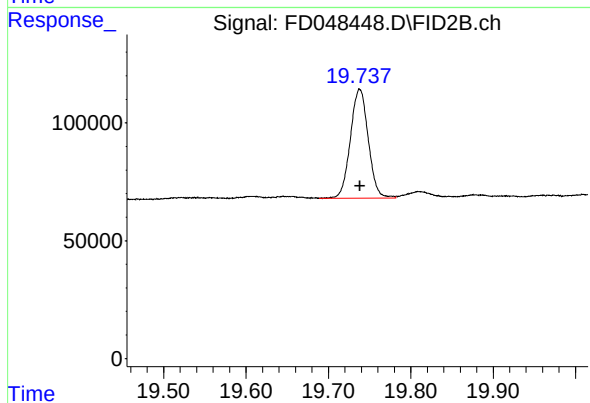
#18 n-Dotriacontane (C32)

R.T.: 18.224 min
Delta R.T.: 0.000 min
Response: 1049972
Conc: 6.70 ug/ml



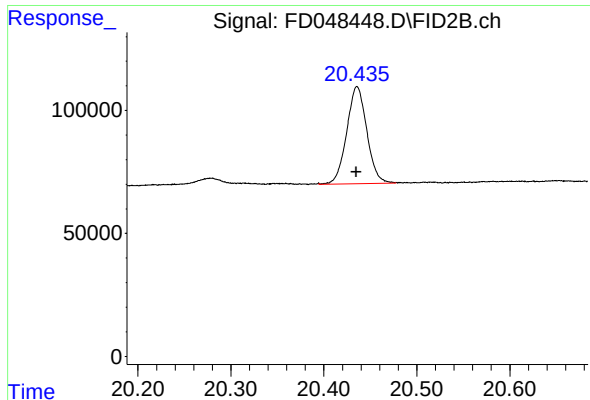
#19 n-Tetratriacontane (C34)

R.T.: 19.003 min
Delta R.T.: 0.000 min
Response: 891070
Conc: 6.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.738 min
Delta R.T.: 0.000 min
Response: 698976
Conc: 6.07 ug/ml



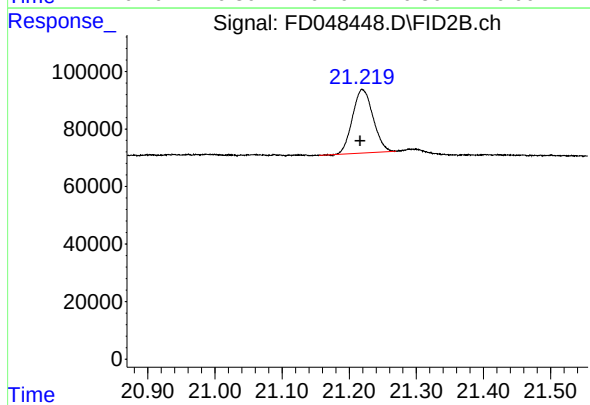
#21 n-Octatriacontane (C38)

R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 593907
Conc: 5.39 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :Ankita Jodhani 10/11/2024



#22 n-Tetracontane (C40)

R.T.: 21.220 min
Delta R.T.: 0.003 min
Response: 470410
Conc: 4.63 ug/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
 Data File : FD048449.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 14:50
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Oct 10 15:32:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 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)	11.264	4163061	20.981 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
12) S 1-chlorooctadecane (S...	12.706	3147708	21.041 ug/ml
Spiked Amount 50.000		Recovery =	42.08%
Target Compounds			
1) T n-Nonane (C9)	3.125	3502981	20.857 ug/ml
2) T n-Decane (C10)	4.171	3610651	20.805 ug/ml
3) T A~Naphthalene (C11.7)	5.719	3916534	20.730 ug/ml
4) T n-Dodecane (C12)	6.165	3655197	20.877 ug/ml
5) T A~2-methylnaphthalene...	6.765	3796601	21.090 ug/ml
6) T n-Tetradecane (C14)	7.946	3633421	20.824 ug/ml
7) T n-Hexadecane (C16)	9.536	3773447	20.938 ug/ml
8) T n-Octadecane (C18)	10.967	3814777	21.014 ug/ml
10) T n-Eicosane (C20)	12.268	3667810	21.029 ug/ml
11) T n-Heneicosane (C21)	12.877	3608111	21.089 ug/ml
13) T n-Docosane (C22)	13.459	3588280	21.011 ug/ml
14) T n-Tetracosane (C24)	14.556	3560573	21.021 ug/ml
15) T n-Hexacosane (C26)	15.570	3466135	20.940 ug/ml
16) T n-Octacosane (C28)	16.515	3438924	20.888 ug/ml
17) T n-Tricontane (C30)	17.397	3608181	21.046 ug/ml
18) T n-Dotriacontane (C32)	18.225	3527265	21.082 ug/ml
19) T n-Tetratriacontane (C34)	19.004	3114926	21.590 ug/ml
20) T n-Hexatriacontane (C36)	19.739	2641506	22.001 ug/ml
21) T n-Octatriacontane (C38)	20.435	2553804	22.806 ug/ml
22) T n-Tetracontane (C40)	21.218	2471169	24.685 ug/ml

(f)=RT Delta > 1/2 Window

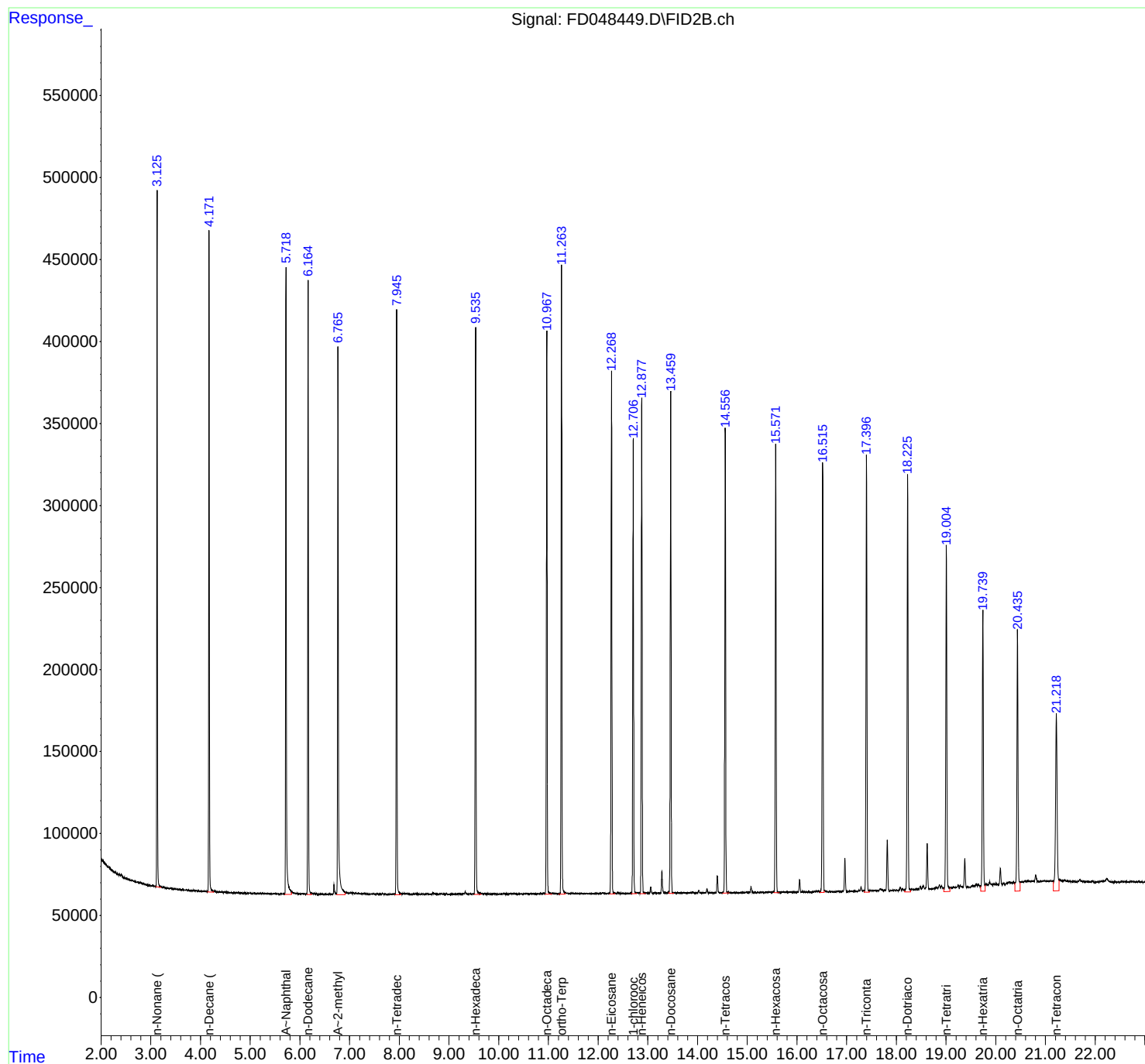
(m)=manual int.

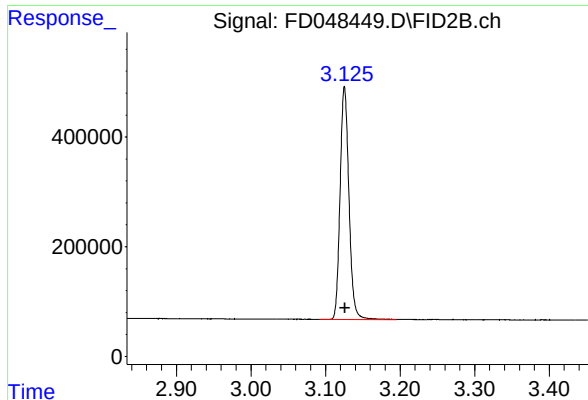
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101024AL\
Data File : FD048449.D
Signal(s) : FID2B.ch
Acq On : 10 Oct 2024 14:50
Operator : YP/AJ
Sample : 20 PPM ALIPHATIC HC STD ICV
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
Quant Time: Oct 10 15:32:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 10 14:48:19 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)

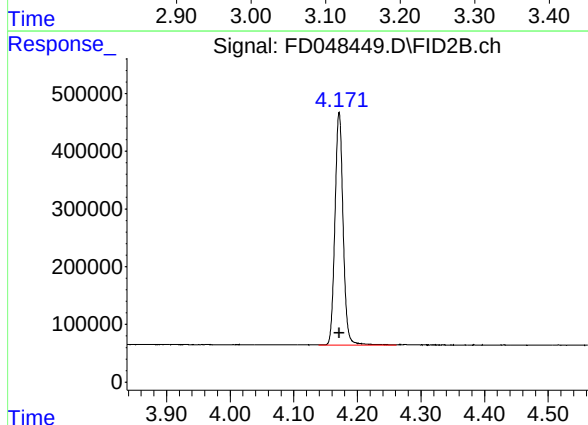
R.T.: 3.125 min
Delta R.T.: 0.000 min
Response: 3502981
Conc: 20.86 ug/ml

Instrument :

FID_D

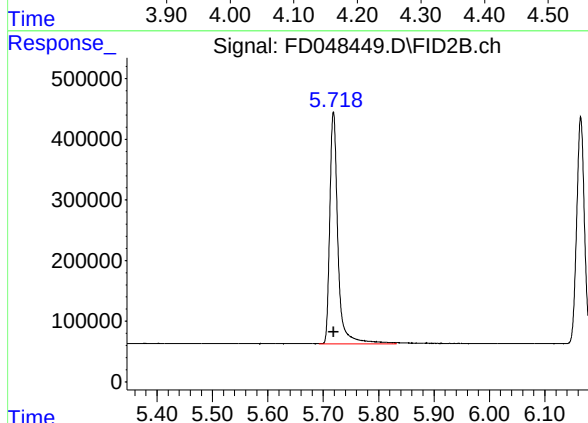
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



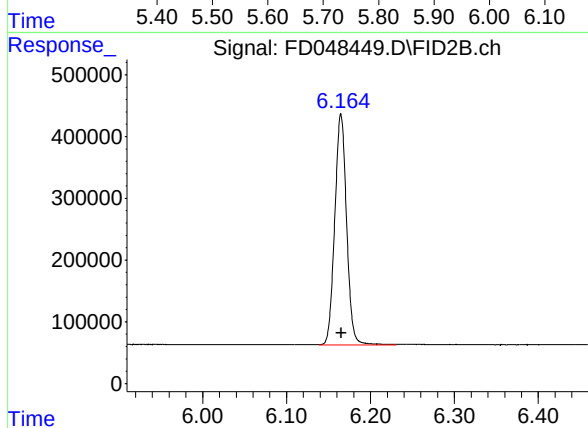
#2 n-Decane (C10)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 3610651
Conc: 20.81 ug/ml



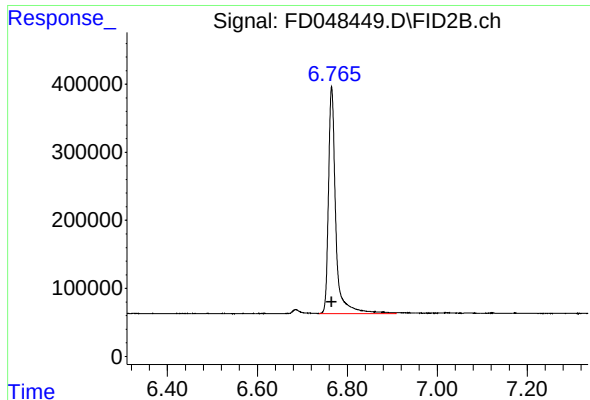
#3 A~Naphthalene (C11.7)

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3916534
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 3655197
Conc: 20.88 ug/ml



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

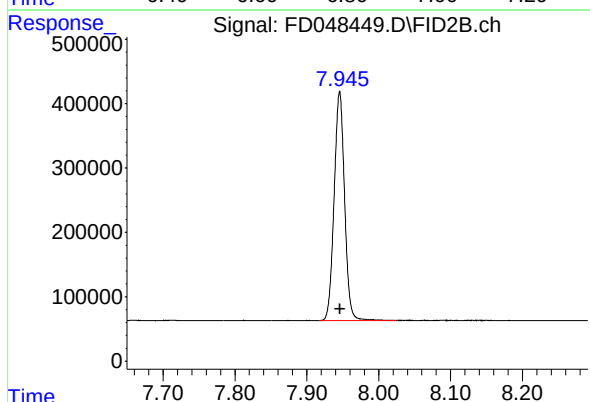
R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 3796601
Conc: 21.09 ug/ml

Instrument :

FID_D

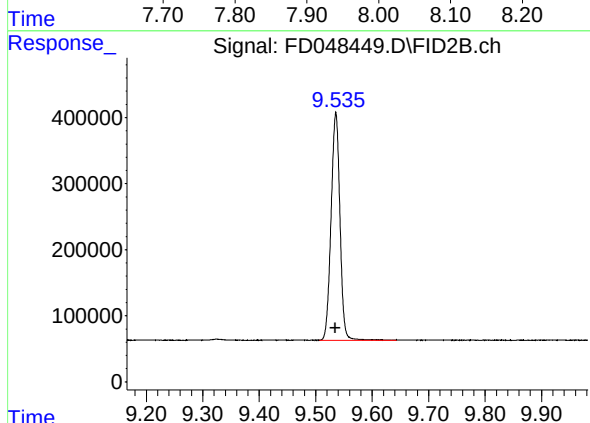
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



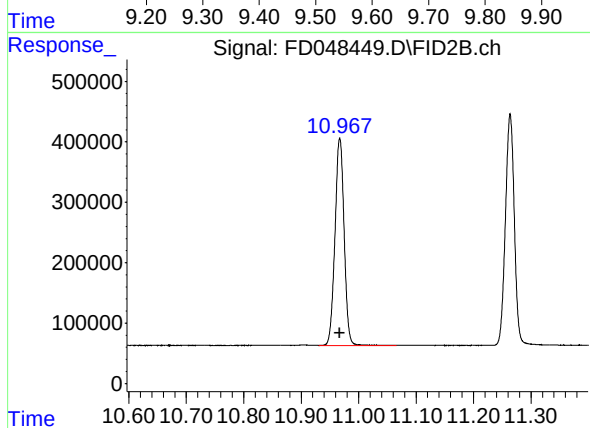
#6 n-Tetradecane (C14)

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 3633421
Conc: 20.82 ug/ml



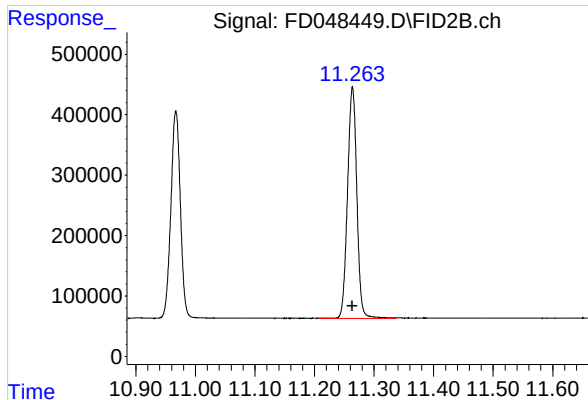
#7 n-Hexadecane (C16)

R.T.: 9.536 min
Delta R.T.: 0.000 min
Response: 3773447
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.967 min
Delta R.T.: 0.000 min
Response: 3814777
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

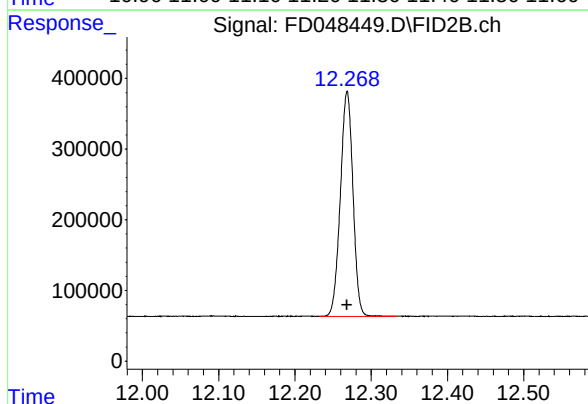
R.T.: 11.264 min
Delta R.T.: 0.000 min
Response: 4163061
Conc: 20.98 ug/ml

Instrument :

FID_D

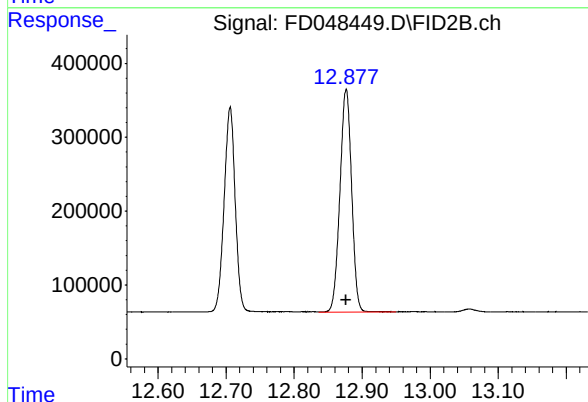
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



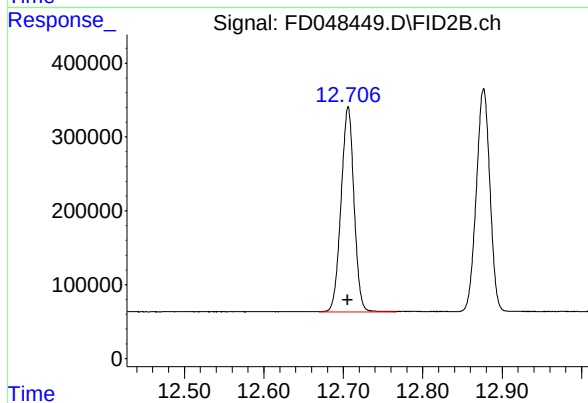
#10 n-Eicosane (C20)

R.T.: 12.268 min
Delta R.T.: 0.000 min
Response: 3667810
Conc: 21.03 ug/ml



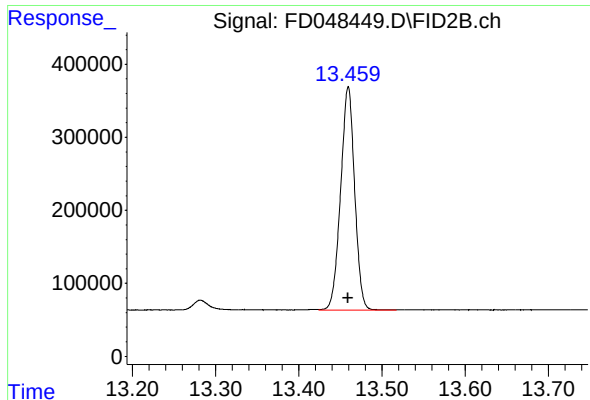
#11 n-Heneicosane (C21)

R.T.: 12.877 min
Delta R.T.: 0.000 min
Response: 3608111
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 3147708
Conc: 21.04 ug/ml



#13 n-Docosane (C22)

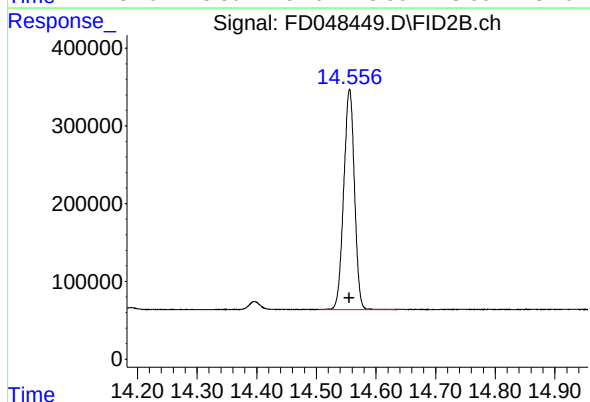
R.T.: 13.459 min
Delta R.T.: 0.000 min
Response: 3588280
Conc: 21.01 ug/ml

Instrument :

FID_D

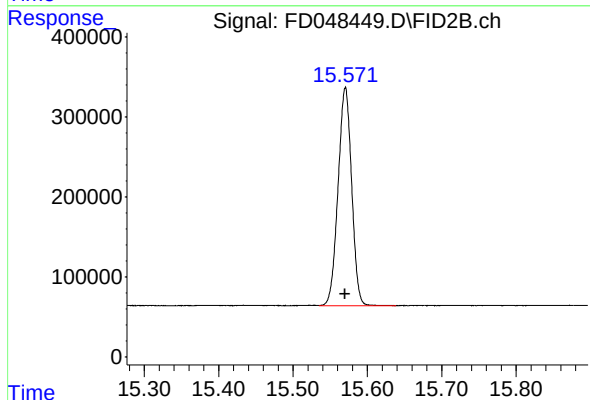
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



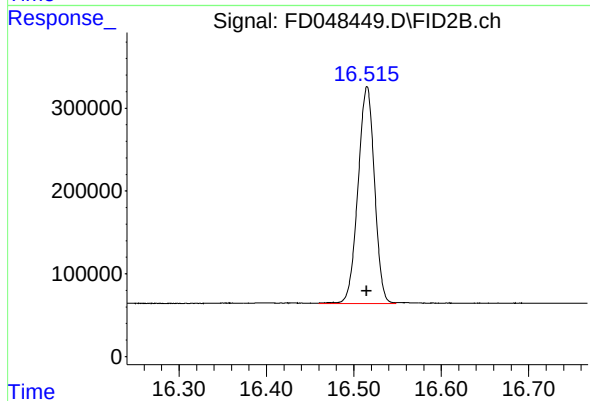
#14 n-Tetracosane (C24)

R.T.: 14.556 min
Delta R.T.: 0.000 min
Response: 3560573
Conc: 21.02 ug/ml



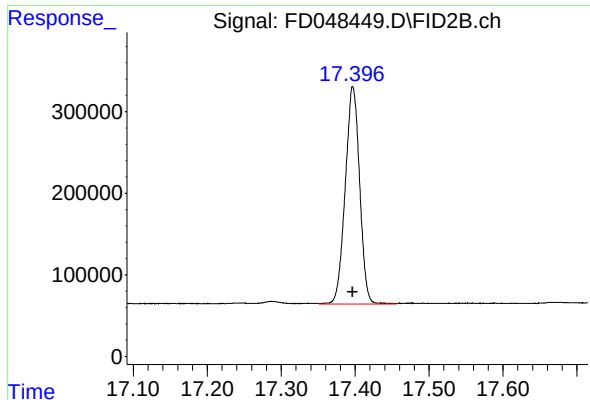
#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: 0.000 min
Response: 3466135
Conc: 20.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.515 min
Delta R.T.: 0.000 min
Response: 3438924
Conc: 20.89 ug/ml



#17 n-Tricontane (C30)

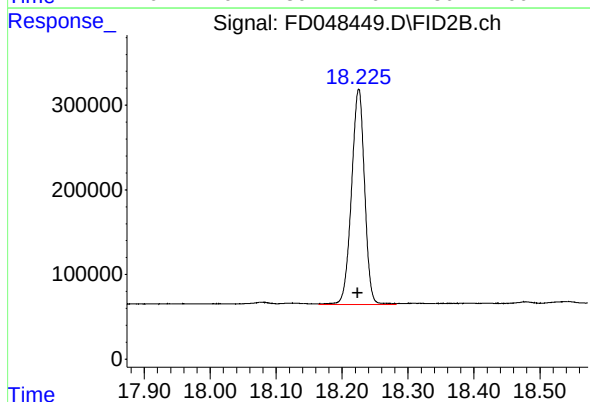
R.T.: 17.397 min
Delta R.T.: 0.000 min
Response: 3608181
Conc: 21.05 ug/ml

Instrument :

FID_D

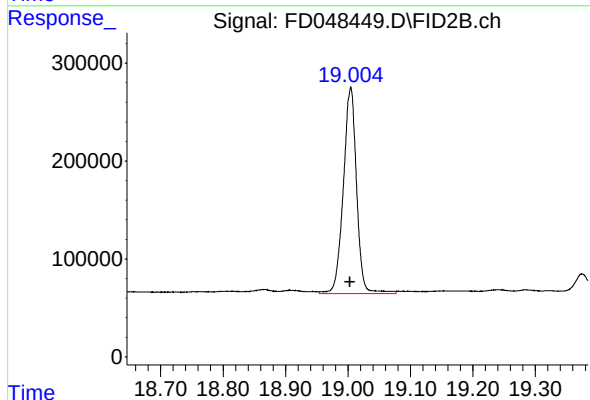
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



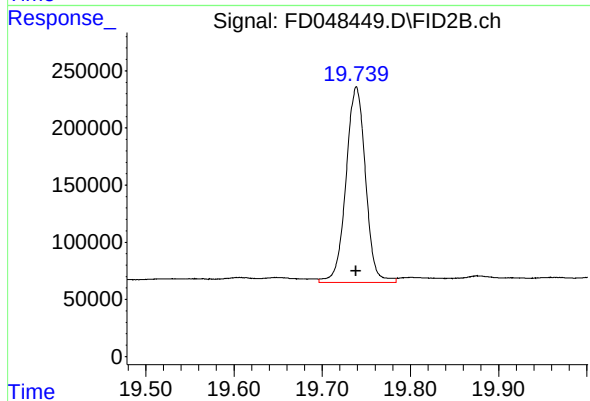
#18 n-Dotriacontane (C32)

R.T.: 18.225 min
Delta R.T.: 0.002 min
Response: 3527265
Conc: 21.08 ug/ml



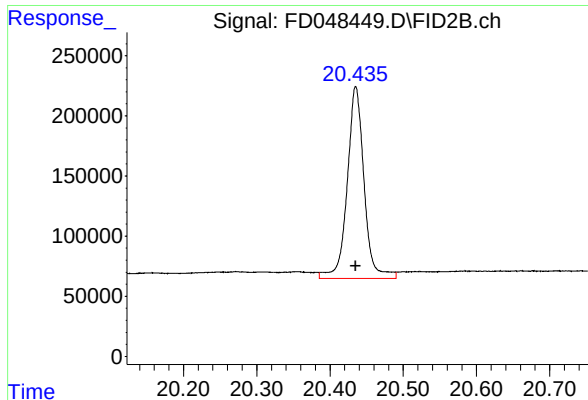
#19 n-Tetatriacontane (C34)

R.T.: 19.004 min
Delta R.T.: 0.001 min
Response: 3114926
Conc: 21.59 ug/ml



#20 n-Hexatriacontane (C36)

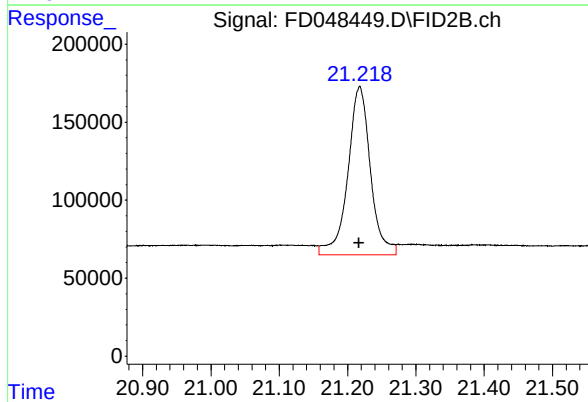
R.T.: 19.739 min
Delta R.T.: 0.000 min
Response: 2641506
Conc: 22.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 2553804
Conc: 22.81 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.218 min
Delta R.T.: 0.001 min
Response: 2471169
Conc: 24.68 ug/ml