

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047730.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 09:59
 Operator : YP/AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: May 13 11:51:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 11:49:19 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)	11.369	24700856	105.260 ug/ml
Spiked Amount 50.000		Recovery =	210.52%
12) S 1-chlorooctadecane (S...	12.804	18539424	105.405 ug/ml
Spiked Amount 50.000		Recovery =	210.81%
Target Compounds			
1) T n-Nonane (C9)	3.194	21971803	106.145 ug/ml
2) T n-Decane (C10)	4.248	22869141	106.655 ug/ml
3) T A~Naphthalene (C11.7)	5.807	25372590	106.735 ug/ml
4) T n-Dodecane (C12)	6.250	22707469	105.983 ug/ml
5) T A~2-methylnaphthalene...	6.859	24462944	106.698 ug/ml
6) T n-Tetradecane (C14)	8.036	22252585	105.730 ug/ml
7) T n-Hexadecane (C16)	9.630	22874747	105.507 ug/ml
8) T n-Octadecane (C18)	11.067	23038056	105.420 ug/ml
10) T n-Eicosane (C20)	12.367	22067894	105.201 ug/ml
11) T n-Heneicosane (C21)	12.976	21612153	105.080 ug/ml
13) T n-Docosane (C22)	13.559	21443480	105.144 ug/ml
14) T n-Tetracosane (C24)	14.656	21164375	105.301 ug/ml
15) T n-Hexacosane (C26)	15.673	20489575	105.226 ug/ml
16) T n-Octacosane (C28)	16.617	19722004	105.139 ug/ml
17) T n-Tricontane (C30)	17.500	19638393	105.006 ug/ml
18) T n-Dotriacontane (C32)	18.329	18893367	104.476 ug/ml
19) T n-Tetratriacontane (C34)	19.107	18116957	104.877 ug/ml
20) T n-Hexatriacontane (C36)	19.844	17252152	105.206 ug/ml
21) T n-Octatriacontane (C38)	20.545	16820394	105.367 ug/ml
22) T n-Tetracontane (C40)	21.359	16315780	106.104 ug/ml

(f)=RT Delta > 1/2 Window

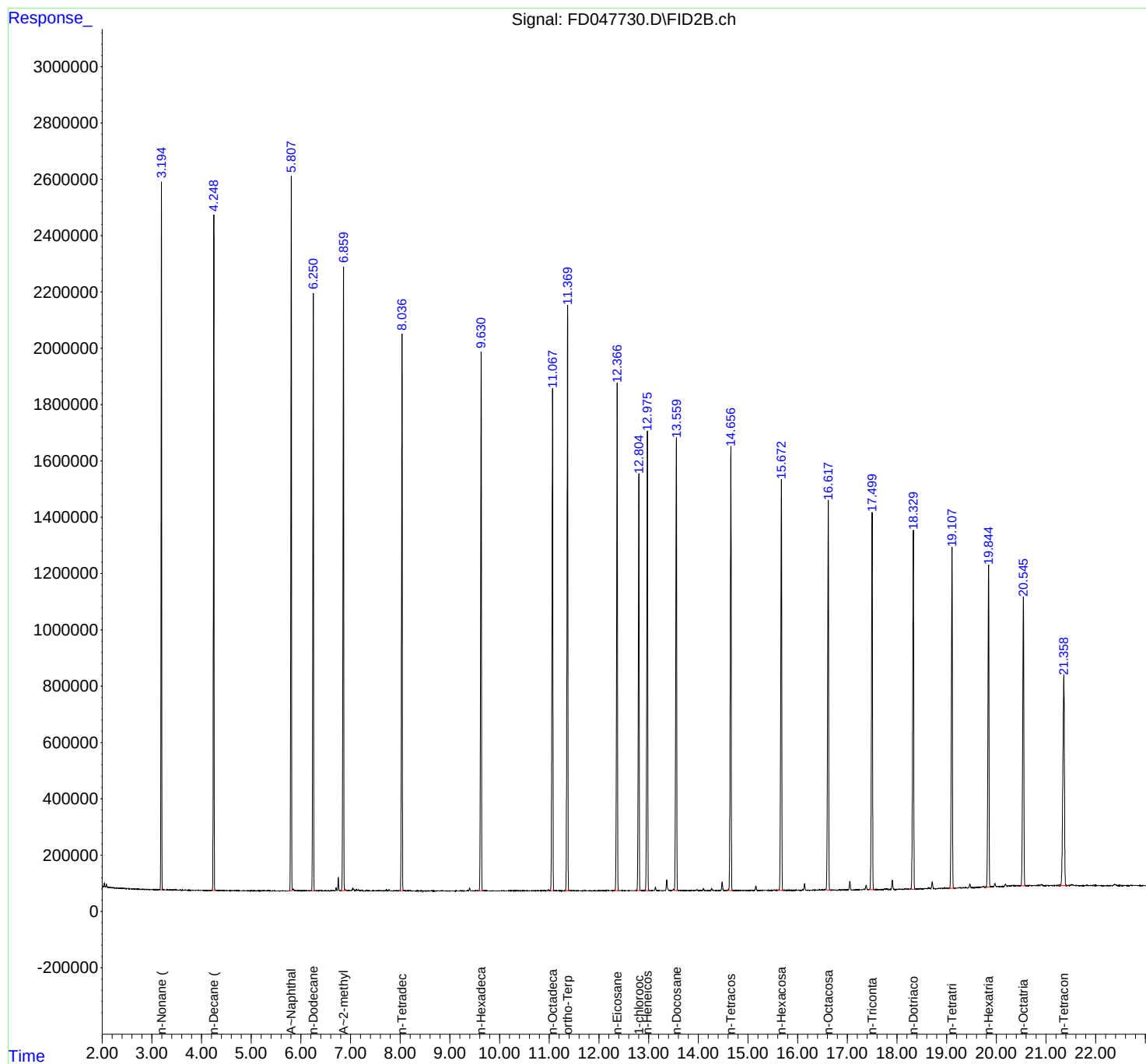
(m)=manual int.

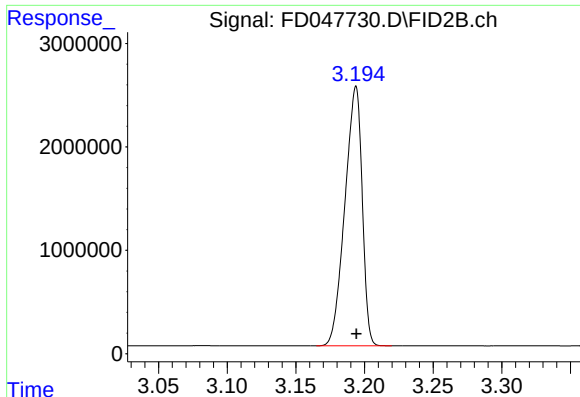
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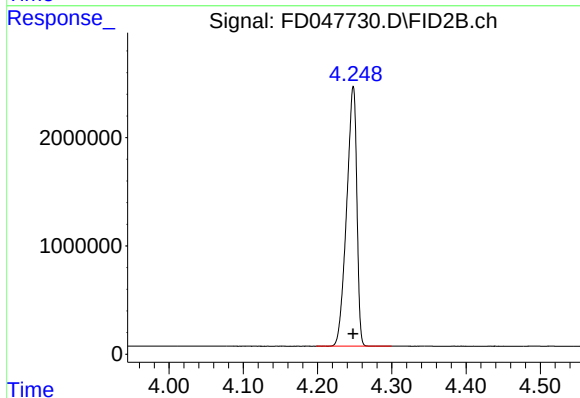




#1 n-Nonane (C9)

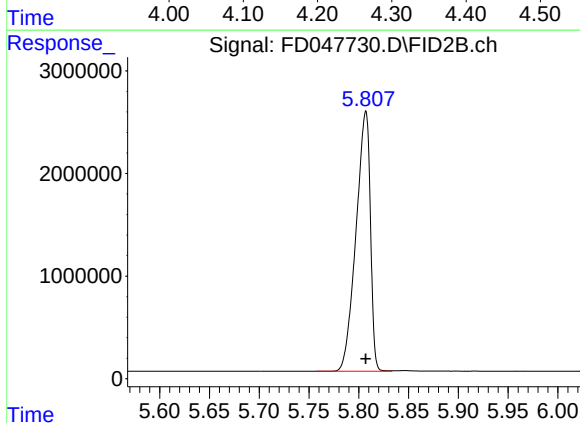
R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 21971803
Conc: 106.14 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



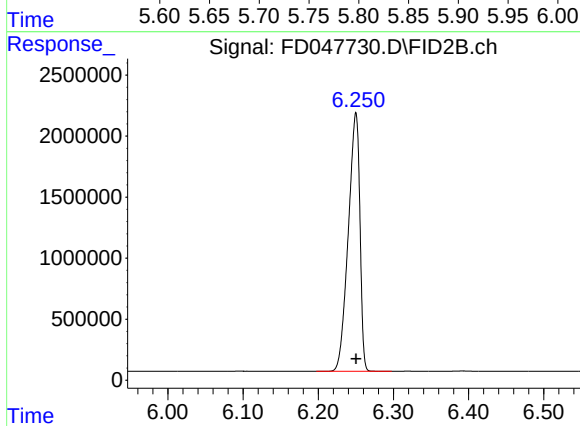
#2 n-Decane (C10)

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 22869141
Conc: 106.65 ug/ml



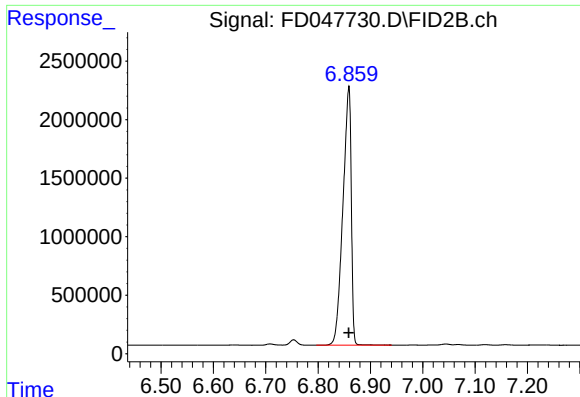
#3 A~Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 25372590
Conc: 106.74 ug/ml



#4 n-Dodecane (C12)

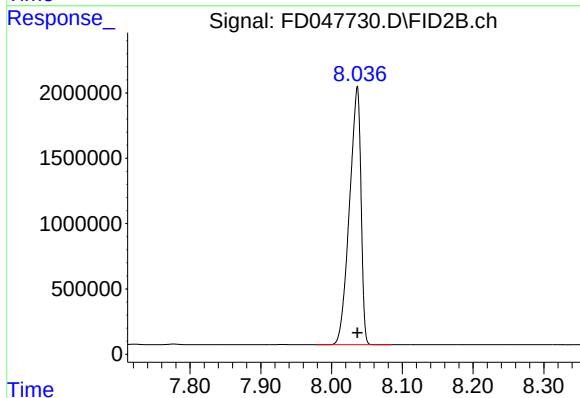
R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 22707469
Conc: 105.98 ug/ml



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

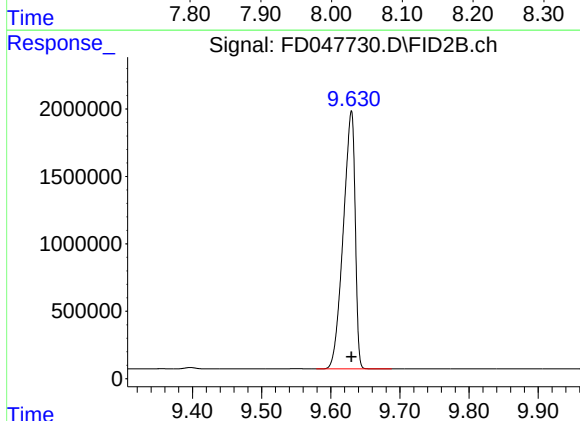
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 24462944
Conc: 106.70 ug/ml

Instrument :
FID_D
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100 PPM ALIPHATIC HC STD1



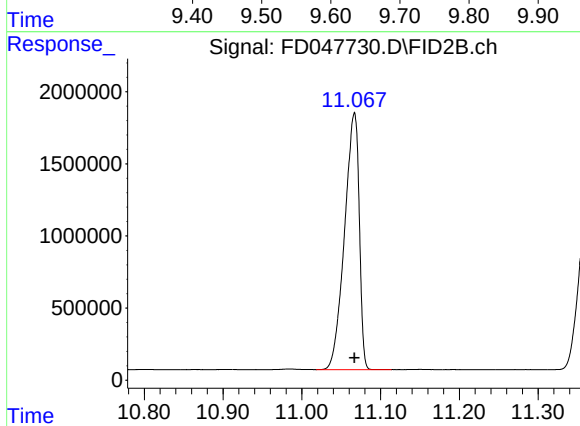
#6 n-Tetradecane (C14)

R.T.: 8.036 min
Delta R.T.: 0.000 min
Response: 22252585
Conc: 105.73 ug/ml



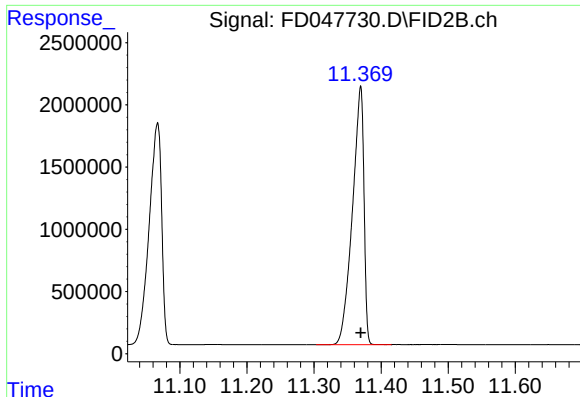
#7 n-Hexadecane (C16)

R.T.: 9.630 min
Delta R.T.: 0.000 min
Response: 22874747
Conc: 105.51 ug/ml



#8 n-Octadecane (C18)

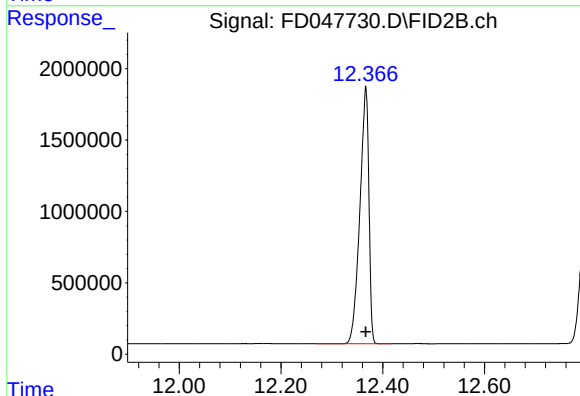
R.T.: 11.067 min
Delta R.T.: 0.000 min
Response: 23038056
Conc: 105.42 ug/ml



#9 ortho-Terphenyl (SURR)

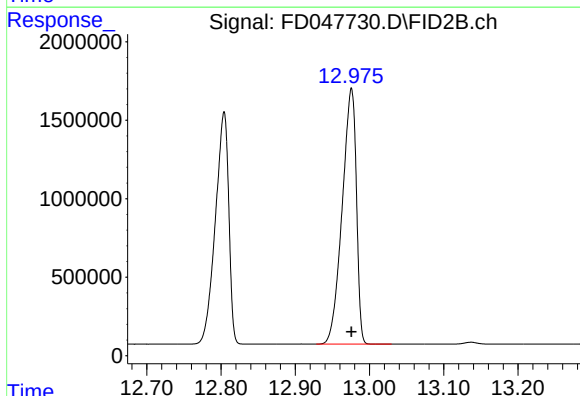
R.T.: 11.369 min
Delta R.T.: 0.000 min
Response: 24700856
Conc: 105.26 ug/ml

Instrument :
FID_D
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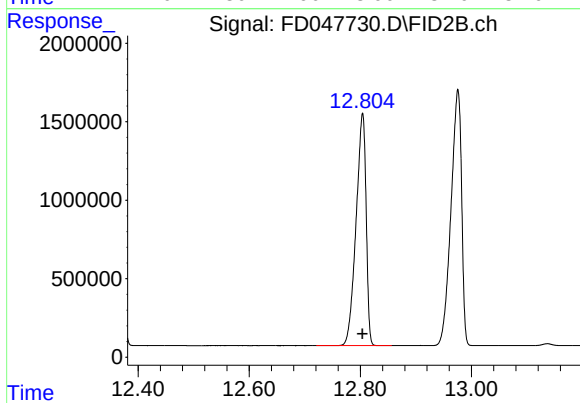
#10 n-Eicosane (C20)

R.T.: 12.367 min
Delta R.T.: 0.000 min
Response: 22067894
Conc: 105.20 ug/ml



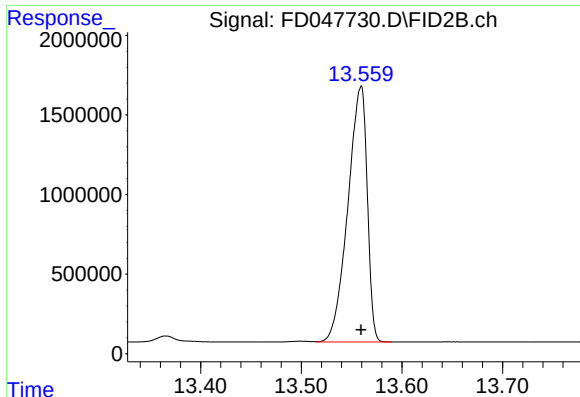
#11 n-Heneicosane (C21)

R.T.: 12.976 min
Delta R.T.: 0.000 min
Response: 21612153
Conc: 105.08 ug/ml



#12 1-chlorooctadecane (SURR)

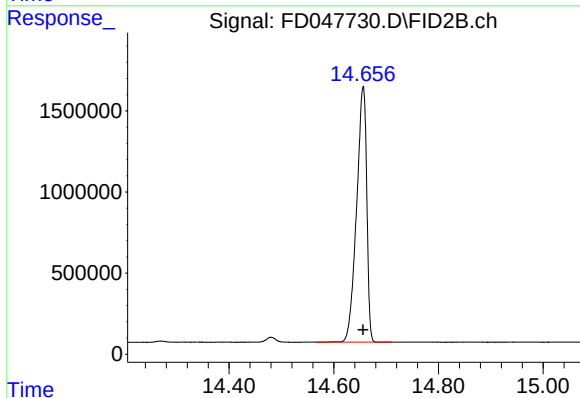
R.T.: 12.804 min
Delta R.T.: 0.000 min
Response: 18539424
Conc: 105.41 ug/ml



#13 n-Docosane (C22)

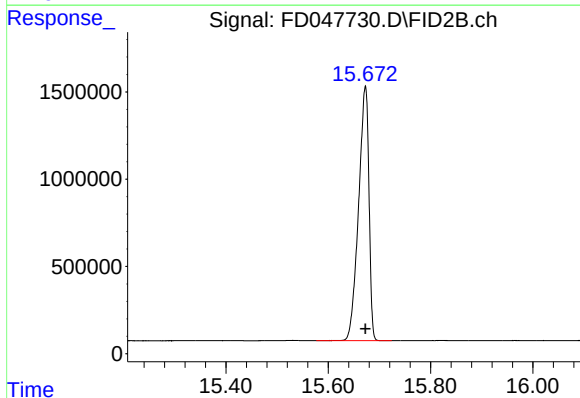
R.T.: 13.559 min
Delta R.T.: 0.000 min
Response: 21443480
Conc: 105.14 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM ALIPHATIC HC STD1



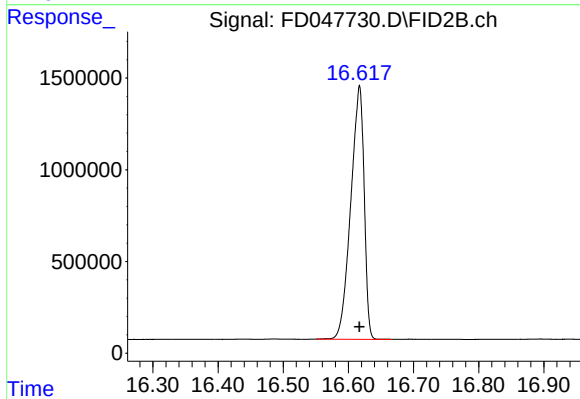
#14 n-Tetracosane (C24)

R.T.: 14.656 min
Delta R.T.: 0.000 min
Response: 21164375
Conc: 105.30 ug/ml



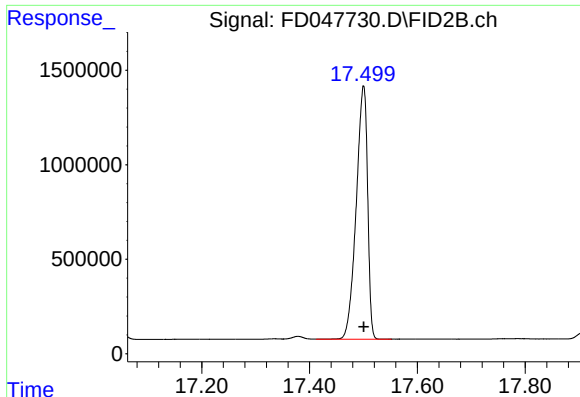
#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: 0.000 min
Response: 20489575
Conc: 105.23 ug/ml



#16 n-Octacosane (C28)

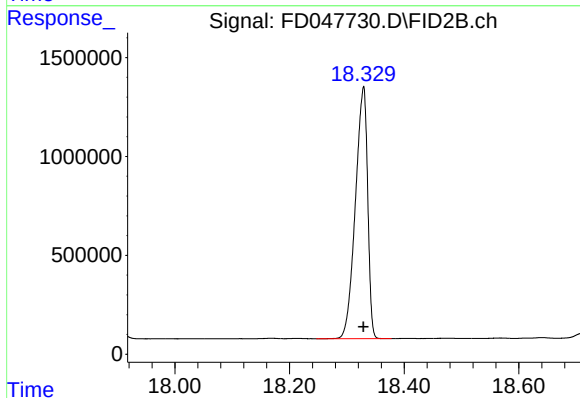
R.T.: 16.617 min
Delta R.T.: 0.000 min
Response: 19722004
Conc: 105.14 ug/ml



#17 n-Tricontane (C30)

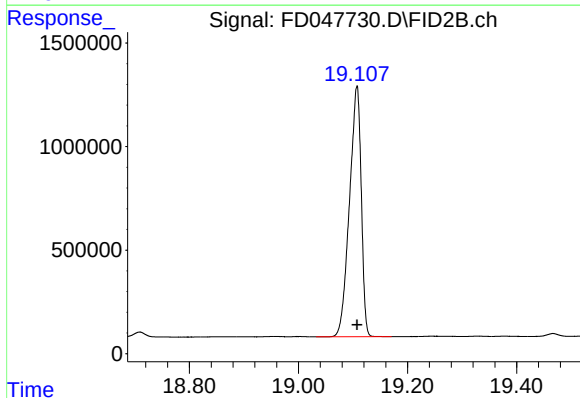
R.T.: 17.500 min
Delta R.T.: 0.000 min
Response: 19638393
Conc: 105.01 ug/ml

Instrument :
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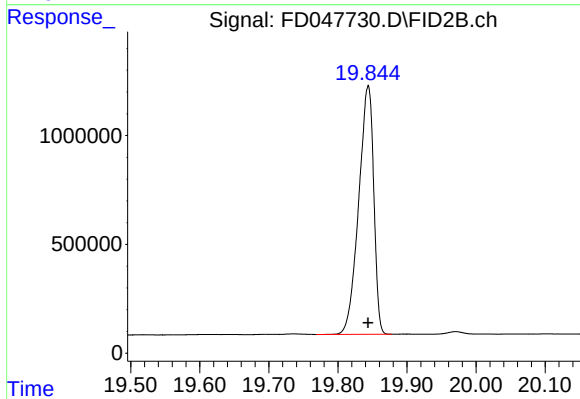
#18 n-Dotriacontane (C32)

R.T.: 18.329 min
Delta R.T.: 0.000 min
Response: 18893367
Conc: 104.48 ug/ml



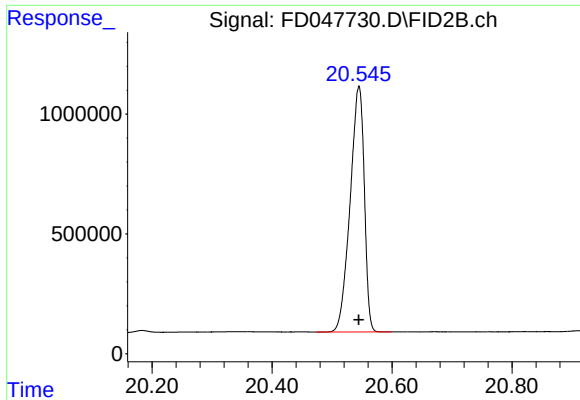
#19 n-Tetratriacontane (C34)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 18116957
Conc: 104.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: 0.000 min
Response: 17252152
Conc: 105.21 ug/ml



#21 n-Octatriacontane (C38)

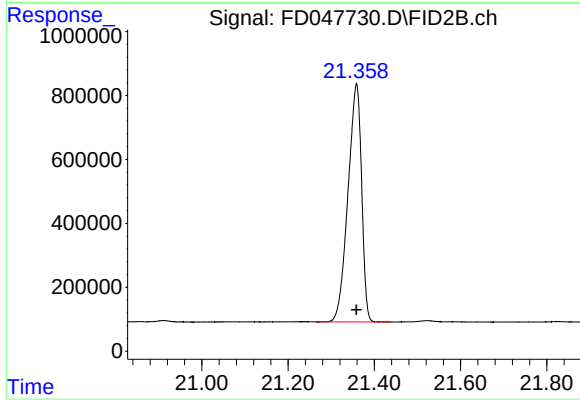
R.T.: 20.545 min
Delta R.T.: 0.000 min
Response: 16820394
Conc: 105.37 ug/ml

Instrument :

FID_D

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 21.359 min
Delta R.T.: 0.000 min
Response: 16315780
Conc: 106.10 ug/ml