

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102925AL\
 Data File : FF016623.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2025 23:02
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 30 03:11:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:08:34 2025
 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)	11.961	7348035	51.547 ug/ml
Spiked Amount 50.000		Recovery =	103.09%
12) S 1-chlorooctadecane (S...	13.401	5724705	51.913 ug/ml
Spiked Amount 50.000		Recovery =	103.83%
Target Compounds			
1) T n-Nonane (C9)	3.315	5946090	51.355 ug/ml
2) T n-Decane (C10)	4.576	6071156	51.336 ug/ml
3) T A~Naphthalene (C11.7)	6.285	6610609	52.699 ug/ml
4) T n-Dodecane (C12)	6.753	6154913	51.534 ug/ml
5) T A~2-methylnaphthalene...	7.386	6401517	53.380 ug/ml
6) T n-Tetradecane (C14)	8.587	6136588	52.209 ug/ml
7) T n-Hexadecane (C16)	10.197	6428384	52.115 ug/ml
8) T n-Octadecane (C18)	11.643	6622022	52.049 ug/ml
10) T n-Eicosane (C20)	12.955	6525620	51.813 ug/ml
11) T n-Heneicosane (C21)	13.569	6484541	51.801 ug/ml
13) T n-Docosane (C22)	14.156	6544039	52.021 ug/ml
14) T n-Tetracosane (C24)	15.264	6700729	52.569 ug/ml
15) T n-Hexacosane (C26)	16.288	6636645	52.695 ug/ml
16) T n-Octacosane (C28)	17.242	6508184	52.558 ug/ml
17) T n-Tricontane (C30)	18.133	6483318	51.630 ug/ml
18) T n-Dotriacontane (C32)	18.969	6080183	50.436 ug/ml
19) T n-Tetratriacontane (C34)	19.756	5377883	50.318 ug/ml
20) T n-Hexatriacontane (C36)	20.499	4552508	49.809 ug/ml
21) T n-Octatriacontane (C38)	21.256	4150066	50.568 ug/ml
22) T n-Tetracontane (C40)	22.201	4014288	50.424 ug/ml

(f)=RT Delta > 1/2 Window

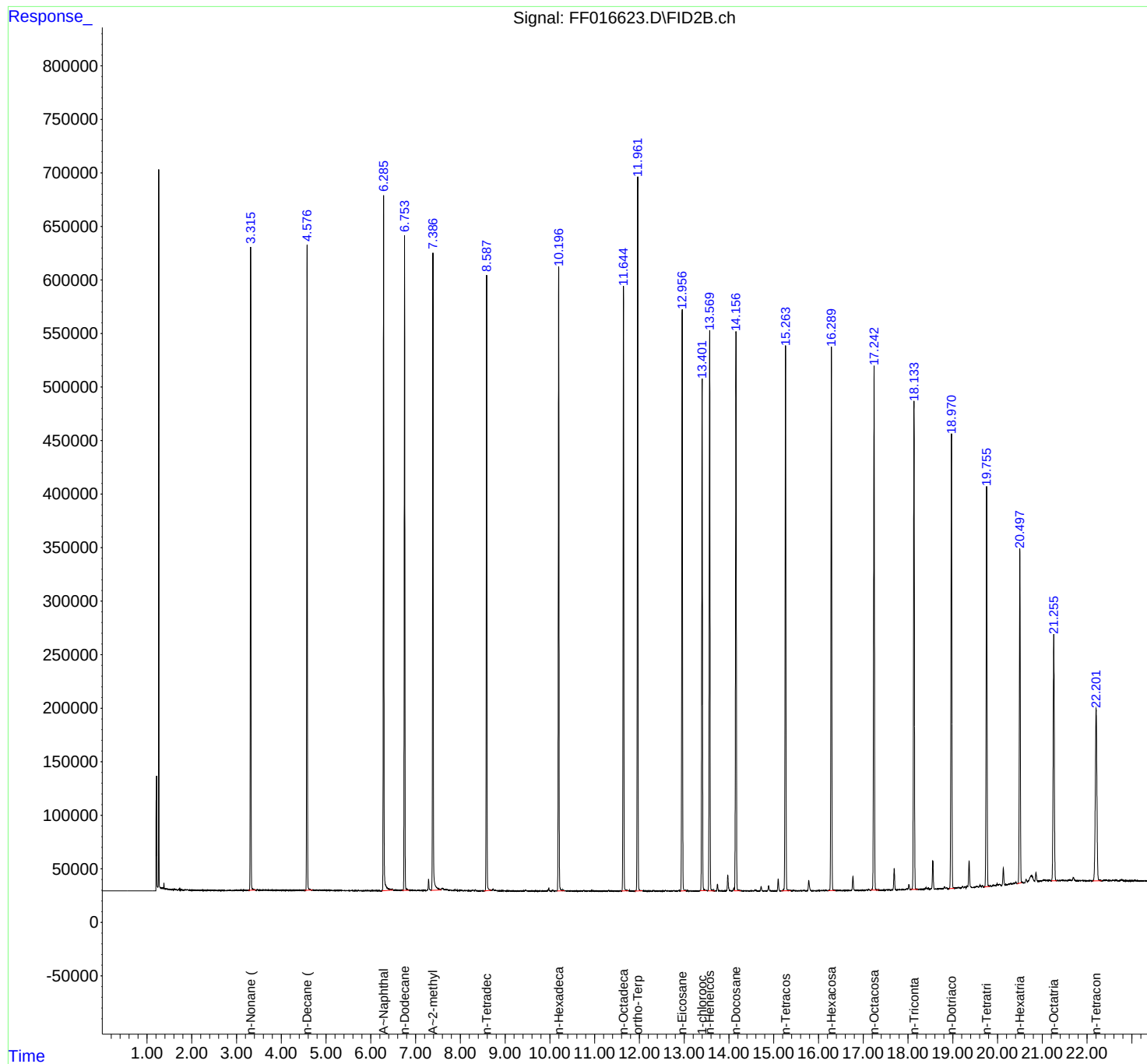
(m)=manual int.

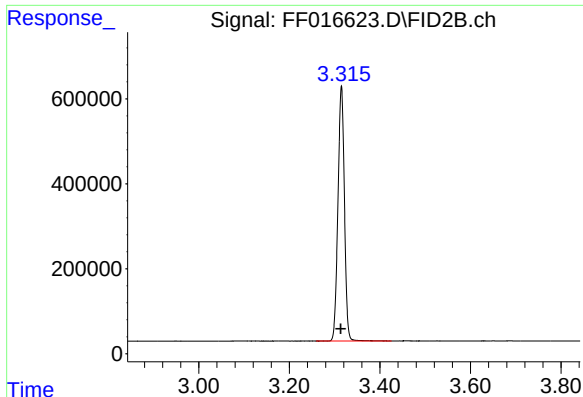
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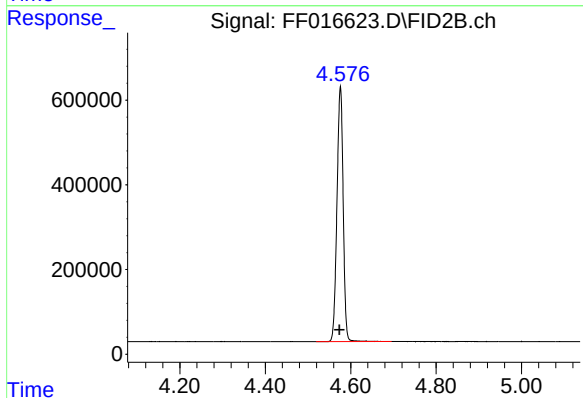




#1 n-Nonane (C9)

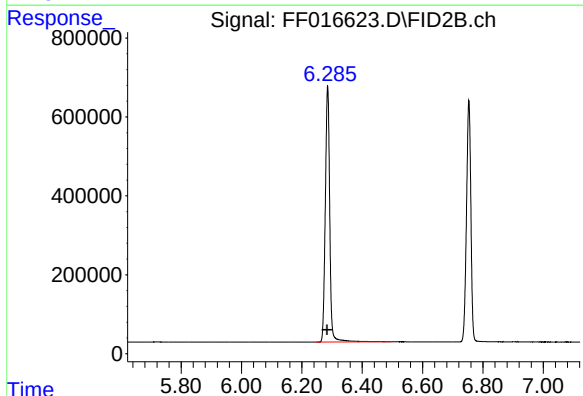
R.T.: 3.315 min
Delta R.T.: 0.002 min
Response: 5946090
Conc: 51.35 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



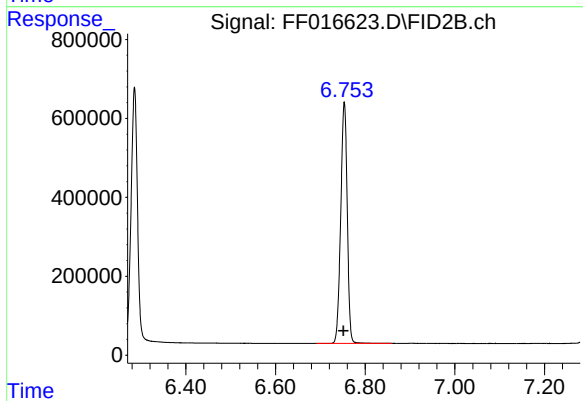
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 6071156
Conc: 51.34 ug/ml



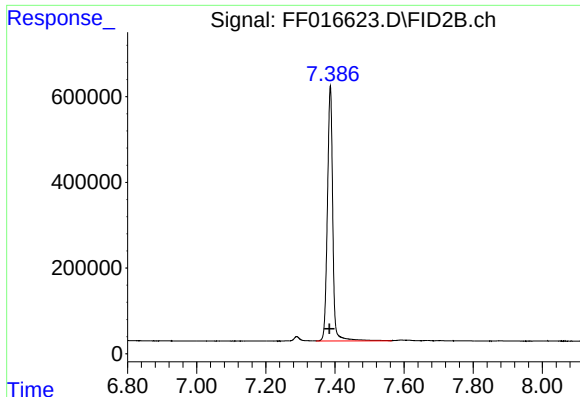
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.001 min
Response: 6610609
Conc: 52.70 ug/ml



#4 n-Dodecane (C12)

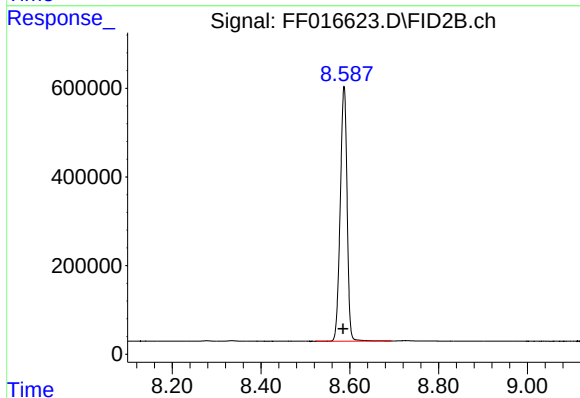
R.T.: 6.753 min
Delta R.T.: 0.002 min
Response: 6154913
Conc: 51.53 ug/ml



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

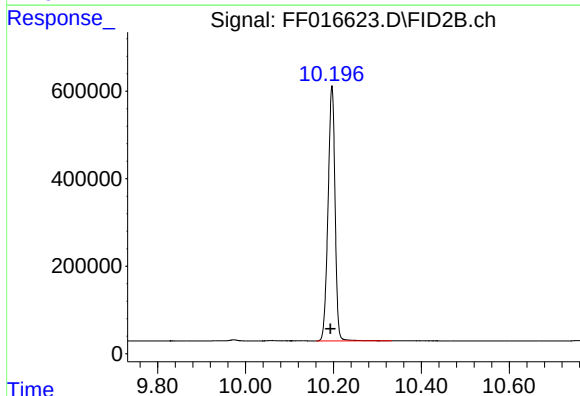
R.T.: 7.386 min
Delta R.T.: 0.002 min
Response: 6401517
Conc: 53.38 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



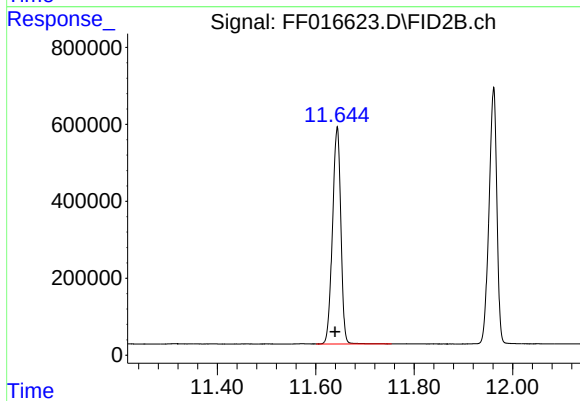
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: 0.002 min
Response: 6136588
Conc: 52.21 ug/ml



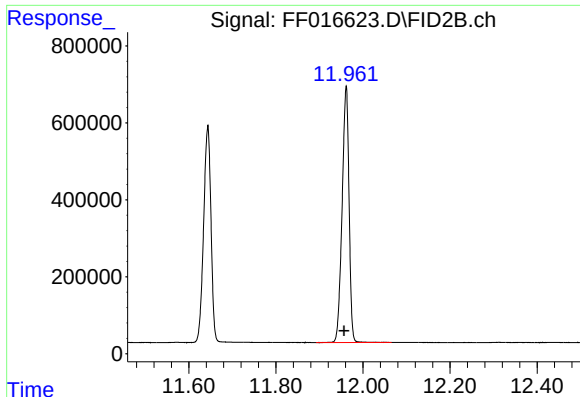
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: 0.003 min
Response: 6428384
Conc: 52.12 ug/ml



#8 n-Octadecane (C18)

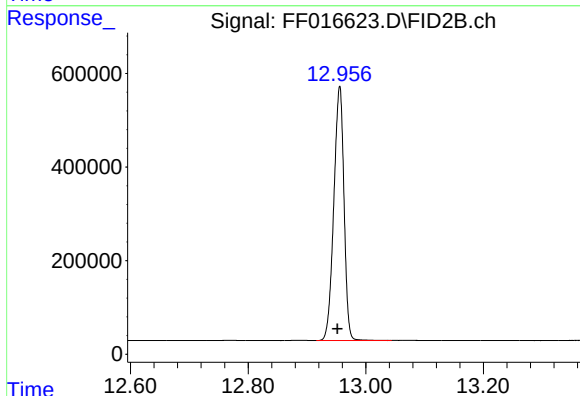
R.T.: 11.643 min
Delta R.T.: 0.004 min
Response: 6622022
Conc: 52.05 ug/ml



#9 ortho-Terphenyl (SURR)

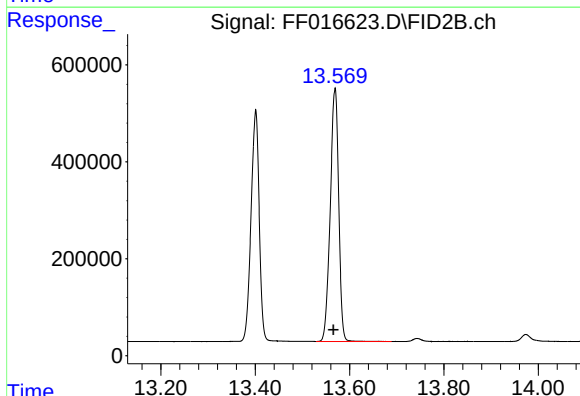
R.T.: 11.961 min
Delta R.T.: 0.005 min
Response: 7348035
Conc: 51.55 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



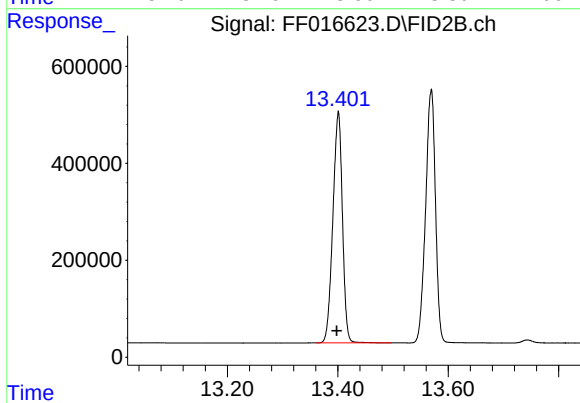
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: 0.004 min
Response: 6525620
Conc: 51.81 ug/ml



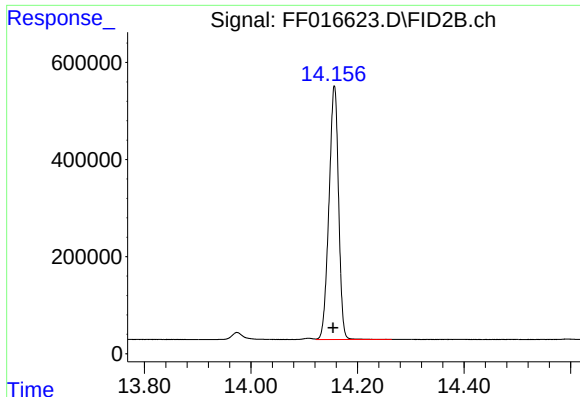
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: 0.003 min
Response: 6484541
Conc: 51.80 ug/ml



#12 1-chlorooctadecane (SURR)

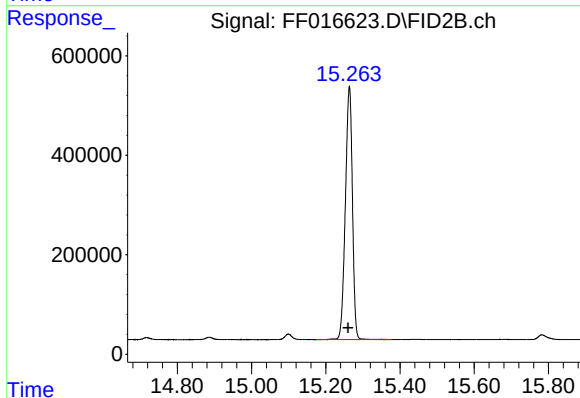
R.T.: 13.401 min
Delta R.T.: 0.003 min
Response: 5724705
Conc: 51.91 ug/ml



#13 n-Docosane (C22)

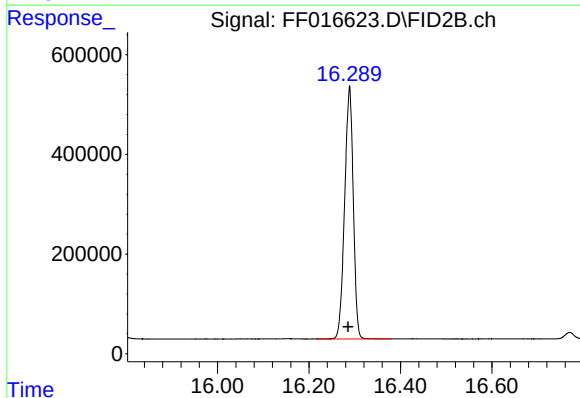
R.T.: 14.156 min
Delta R.T.: 0.003 min
Response: 6544039
Conc: 52.02 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



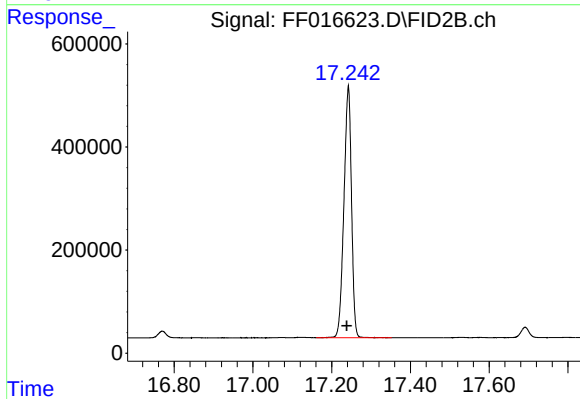
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.004 min
Response: 6700729
Conc: 52.57 ug/ml



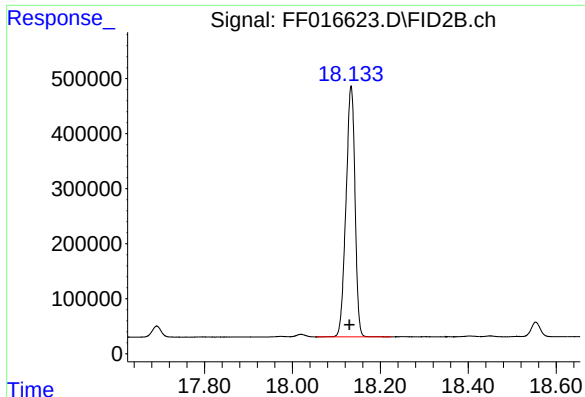
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.003 min
Response: 6636645
Conc: 52.70 ug/ml



#16 n-Octacosane (C28)

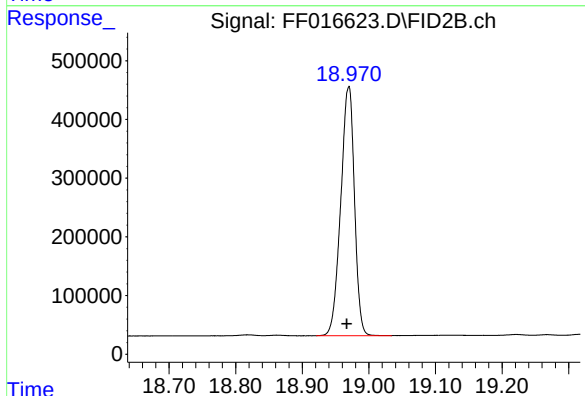
R.T.: 17.242 min
Delta R.T.: 0.004 min
Response: 6508184
Conc: 52.56 ug/ml



#17 n-Tricontane (C30)

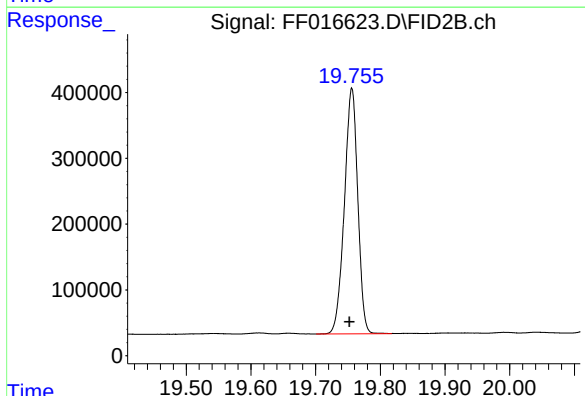
R.T.: 18.133 min
Delta R.T.: 0.004 min
Response: 6483318
Conc: 51.63 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM ALIPHATIC HC STD2



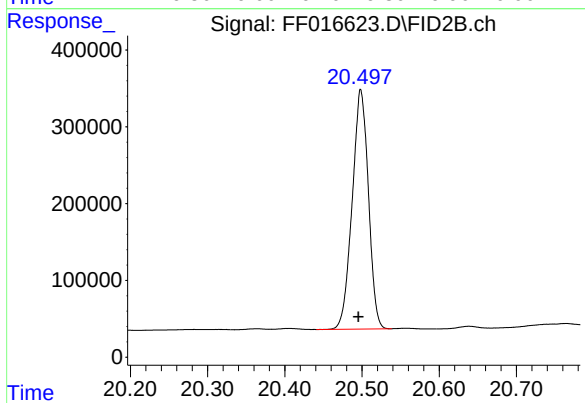
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.003 min
Response: 6080183
Conc: 50.44 ug/ml



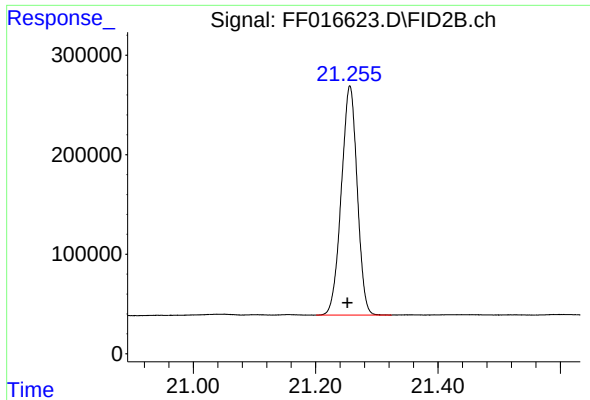
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.003 min
Response: 5377883
Conc: 50.32 ug/ml



#20 n-Hexatriacontane (C36)

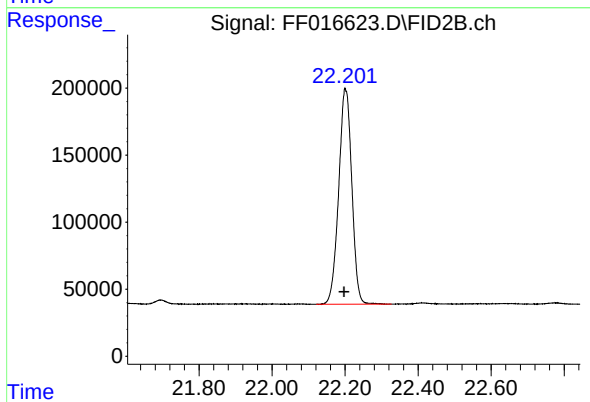
R.T.: 20.499 min
Delta R.T.: 0.003 min
Response: 4552508
Conc: 49.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.256 min
Delta R.T.: 0.004 min
Response: 4150066
Conc: 50.57 ug/ml

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FID_F
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: 0.004 min
Response: 4014288
Conc: 50.42 ug/ml