

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
 Data File : FE055645.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 18:28
 Operator : YP\AJ
 Sample : Q3001-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-1MSD

Integration File: autoint1.e
 Quant Time: Sep 04 05:13:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.077	5956863	36.260 ug/ml
Spiked Amount 50.000		Recovery =	72.52%
12) S 1-chlorooctadecane (S...	13.513	4872323	38.965 ug/ml
Spiked Amount 50.000		Recovery =	77.93%
Target Compounds			
1) T n-Nonane (C9)	3.416	5731853	45.168 ug/ml
2) T n-Decane (C10)	4.675	6499804	50.741 ug/ml
3) T A~Naphthalene (C11.7)	6.392	8251636	56.795 ug/ml
4) T n-Dodecane (C12)	6.849	7305081	56.101 ug/ml
5) T A~2-methylnaphthalene...	7.494	8180396	58.161 ug/ml
6) T n-Tetradecane (C14)	8.688	8393438	63.735 ug/ml
7) T n-Hexadecane (C16)	10.303	9563313	69.051 ug/ml
8) T n-Octadecane (C18)	11.752	10170680	69.729 ug/ml
10) T n-Eicosane (C20)	13.069	10739861	74.610 ug/ml
11) T n-Heneicosane (C21)	13.683	10468584	73.286 ug/ml
13) T n-Docosane (C22)	14.271	10420704	72.799 ug/ml
14) T n-Tetracosane (C24)	15.381	21893938	151.308 ug/ml
15) T n-Hexacosane (C26)	16.405	10246536	71.723 ug/ml
16) T n-Octacosane (C28)	17.355	10307661	72.468 ug/ml
17) T n-Tricontane (C30)	18.247	10355741	70.057 ug/ml
18) T n-Dotriacontane (C32)	19.079	10439483	71.125 ug/ml
19) T n-Tetratriacontane (C34)	19.865	11178381	79.119 ug/ml
20) T n-Hexatriacontane (C36)	20.607	11132714	84.366 ug/ml
21) T n-Octatriacontane (C38)	21.386	11626485	89.270 ug/ml
22) T n-Tetracontane (C40)	22.375	11393827	88.847 ug/ml

(f)=RT Delta > 1/2 Window

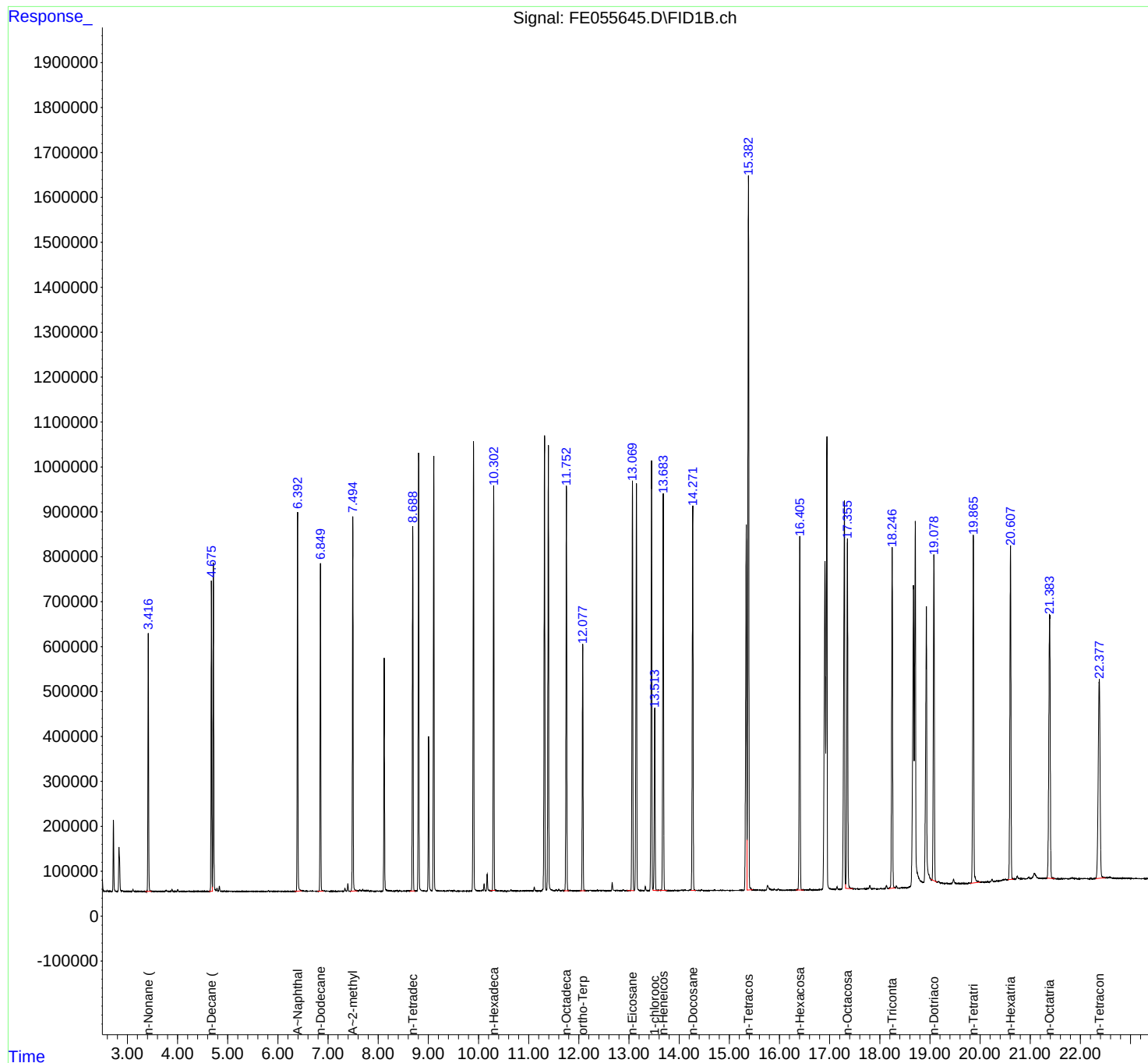
(m)=manual int.

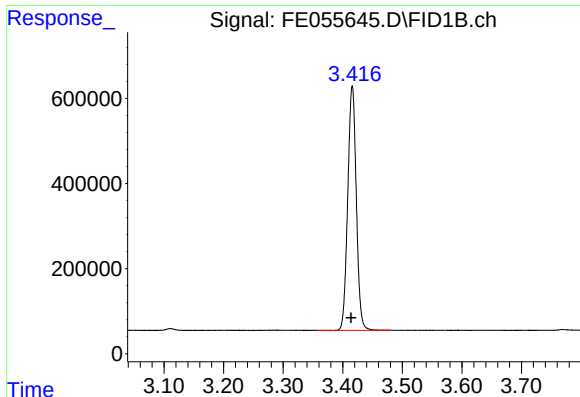
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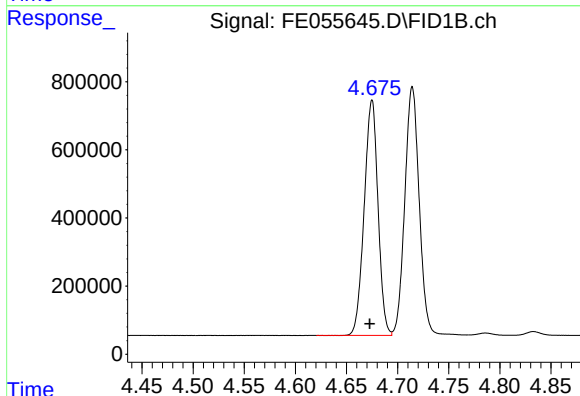




#1 n-Nonane (C9)

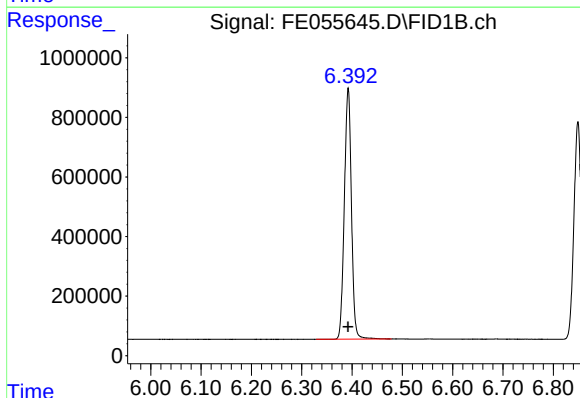
R.T.: 3.416 min
Delta R.T.: 0.002 min
Response: 5731853
Conc: 45.17 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1MSD



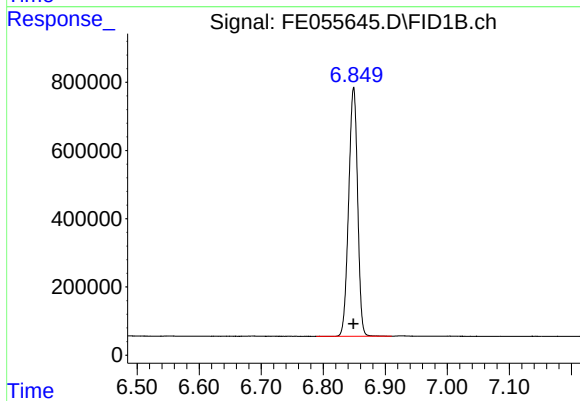
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: 0.002 min
Response: 6499804
Conc: 50.74 ug/ml



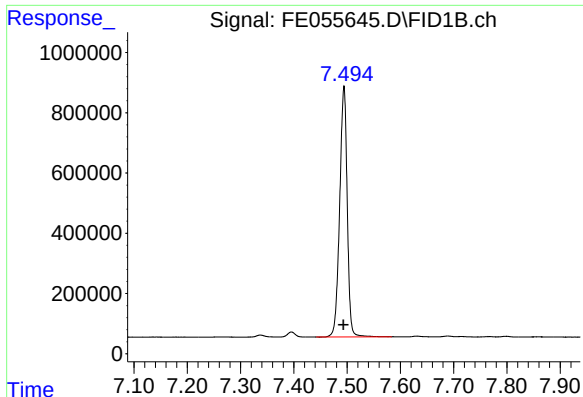
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 8251636
Conc: 56.79 ug/ml



#4 n-Dodecane (C12)

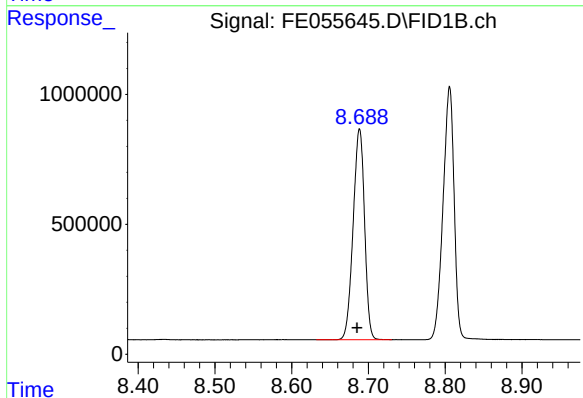
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 7305081
Conc: 56.10 ug/ml



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

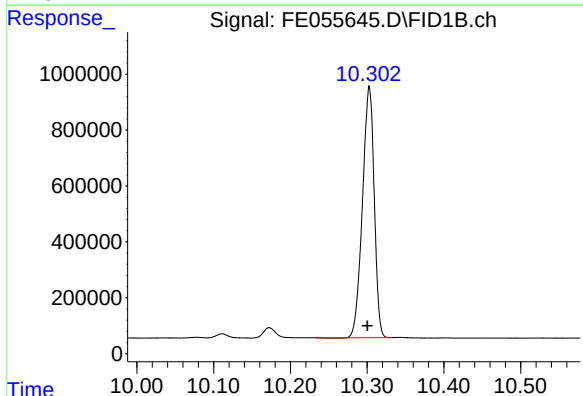
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 8180396
Conc: 58.16 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1MSD



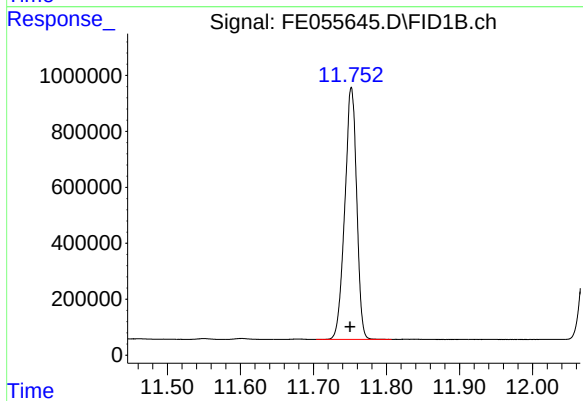
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 8393438
Conc: 63.73 ug/ml



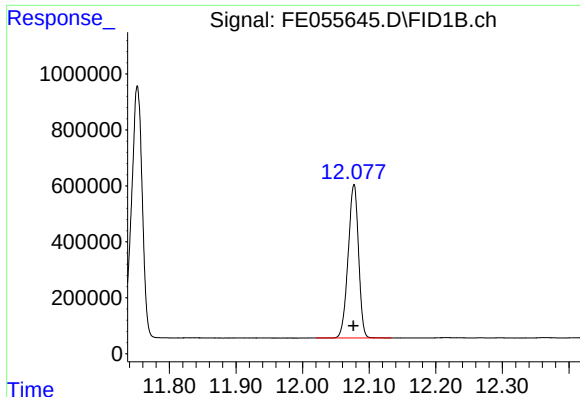
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: 0.002 min
Response: 9563313
Conc: 69.05 ug/ml



#8 n-Octadecane (C18)

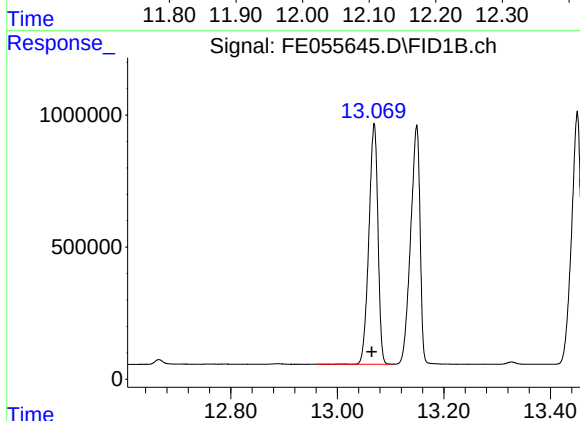
R.T.: 11.752 min
Delta R.T.: 0.002 min
Response: 10170680
Conc: 69.73 ug/ml



#9 ortho-Terphenyl (SURR)

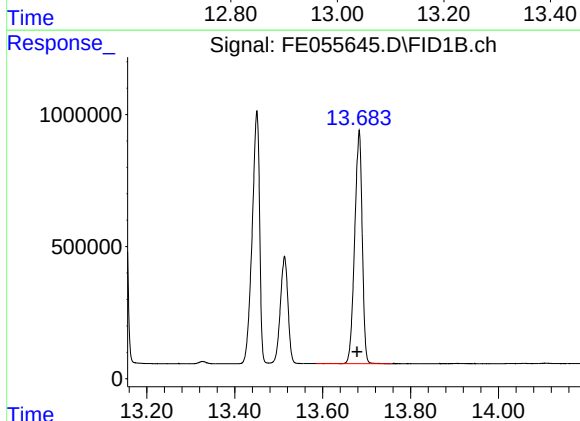
R.T.: 12.077 min
Delta R.T.: 0.000 min
Response: 5956863
Conc: 36.26 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1MSD



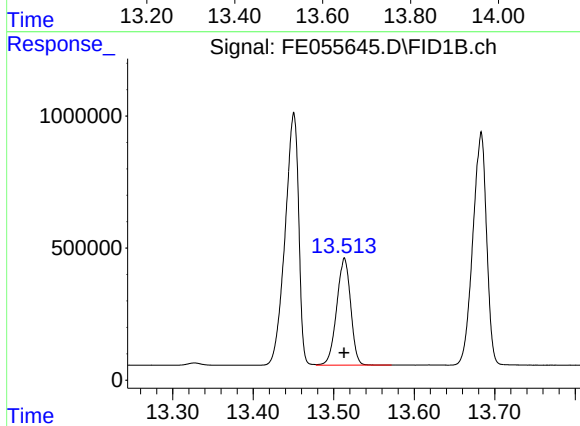
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: 0.005 min
Response: 10739861
Conc: 74.61 ug/ml



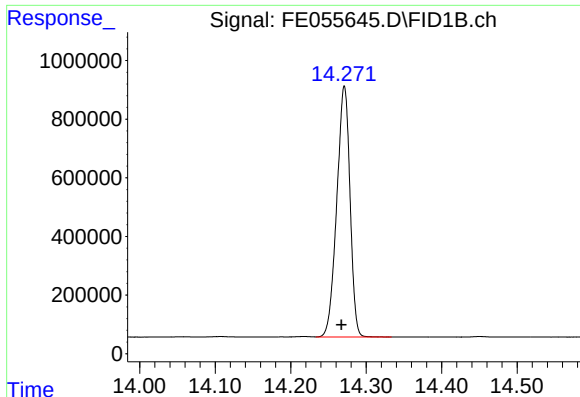
#11 n-Heneicosane (C21)

R.T.: 13.683 min
Delta R.T.: 0.004 min
Response: 10468584
Conc: 73.29 ug/ml



#12 1-chlorooctadecane (SURR)

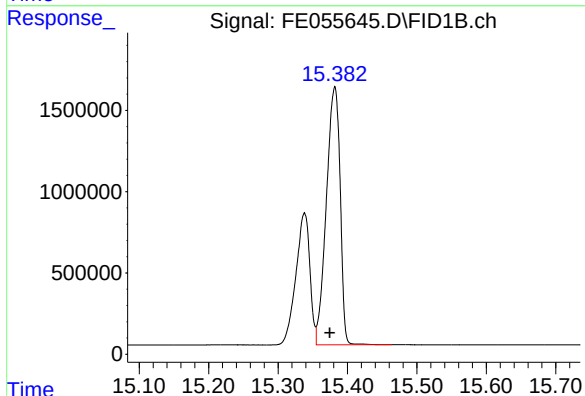
R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 4872323
Conc: 38.96 ug/ml



#13 n-Docosane (C22)

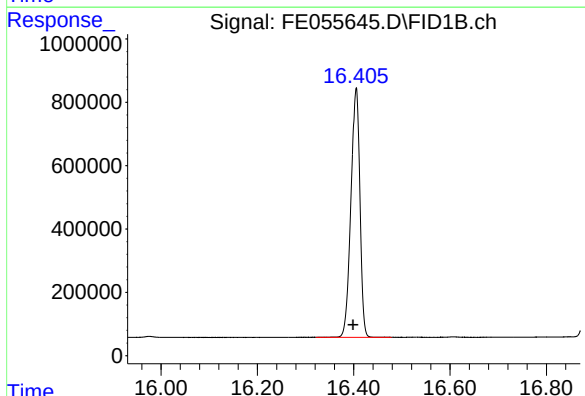
R.T.: 14.271 min
Delta R.T.: 0.004 min
Response: 10420704
Conc: 72.80 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1MSD



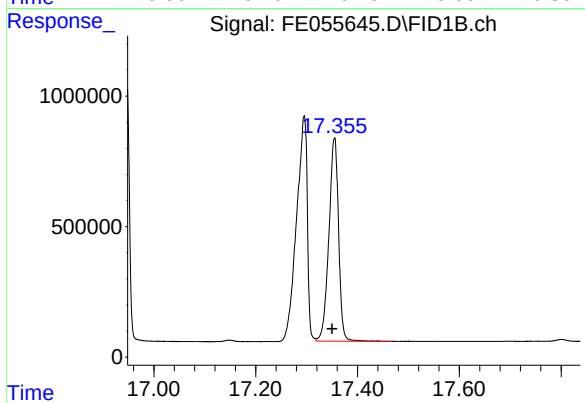
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: 0.007 min
Response: 21893938
Conc: 151.31 ug/ml



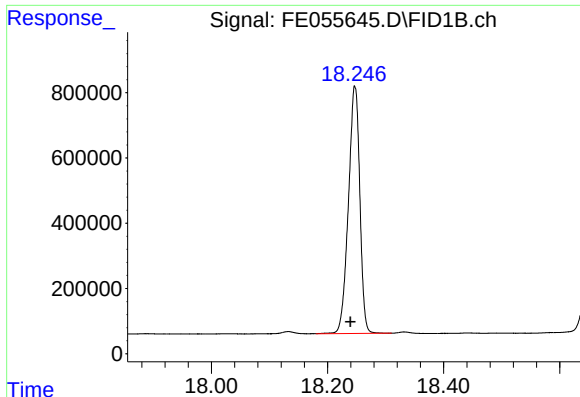
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.007 min
Response: 10246536
Conc: 71.72 ug/ml



#16 n-Octacosane (C28)

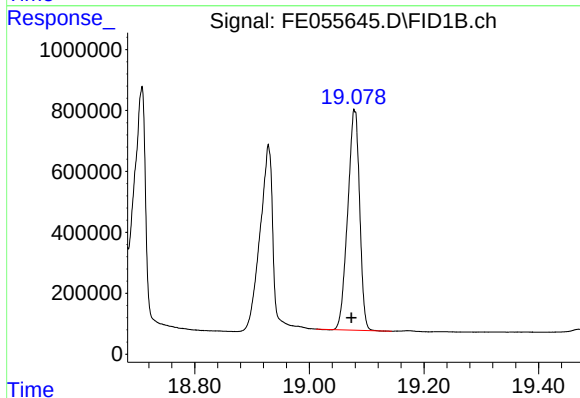
R.T.: 17.355 min
Delta R.T.: 0.004 min
Response: 10307661
Conc: 72.47 ug/ml



#17 n-Tricontane (C30)

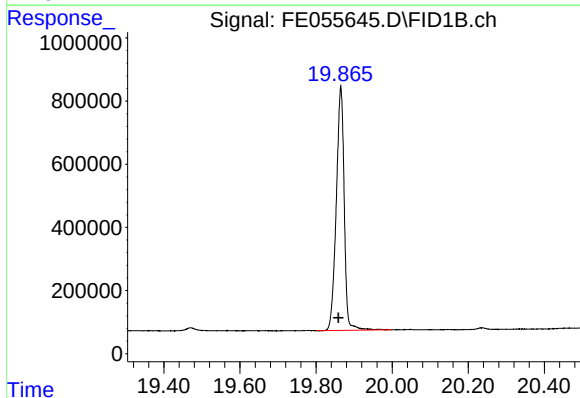
R.T.: 18.247 min
Delta R.T.: 0.008 min
Response: 10355741
Conc: 70.06 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1MSD



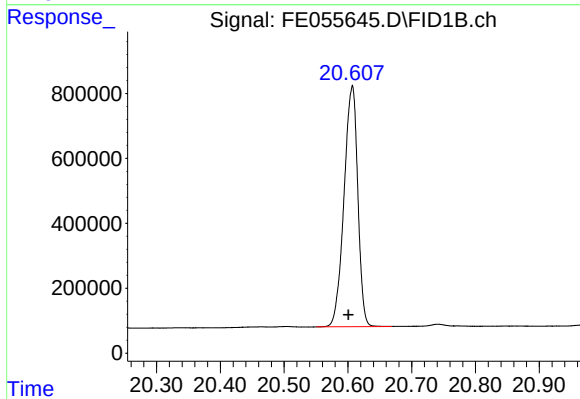
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: 0.005 min
Response: 10439483
Conc: 71.13 ug/ml



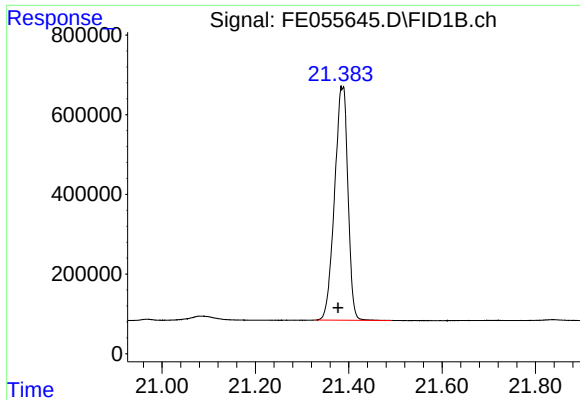
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: 0.006 min
Response: 11178381
Conc: 79.12 ug/ml



#20 n-Hexatriacontane (C36)

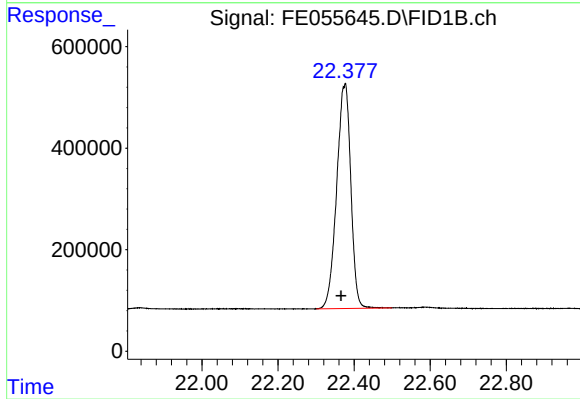
R.T.: 20.607 min
Delta R.T.: 0.006 min
Response: 11132714
Conc: 84.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: 0.009 min
Response: 11626485
Conc: 89.27 ug/ml

Instrument :
FID_E
ClientSampleId :
S-1MSD



#22 n-Tetracontane (C40)

R.T.: 22.375 min
Delta R.T.: 0.009 min
Response: 11393827
Conc: 88.85 ug/ml