

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054881.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 18:17
 Operator : YP\AJ
 Sample : Q2612-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-071525MS

Integration File: autoint1.e
 Quant Time: Jul 17 05:31:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.091	6178308	38.045 ug/ml
Spiked Amount 50.000		Recovery =	76.09%
12) S 1-chlorooctadecane (S...	13.525	4735436	37.495 ug/ml
Spiked Amount 50.000		Recovery =	74.99%
Target Compounds			
1) T n-Nonane (C9)	3.428	3116988	23.173 ug/ml
2) T n-Decane (C10)	4.686	3505575	25.691 ug/ml
3) T A~Naphthalene (C11.7)	6.404	4345904	28.702 ug/ml
4) T n-Dodecane (C12)	6.861	3817611	27.824 ug/ml
5) T A~2-methylnaphthalene...	7.505	4160742	28.304 ug/ml
6) T n-Tetradecane (C14)	8.698	4102638	29.595 ug/ml
7) T n-Hexadecane (C16)	10.312	4432618	31.104 ug/ml
8) T n-Octadecane (C18)	11.762	4570921	31.189 ug/ml
10) T n-Eicosane (C20)	13.077	4693705	32.642 ug/ml
11) T n-Heneicosane (C21)	13.691	4534202	31.745 ug/ml
13) T n-Docosane (C22)	14.280	4419980	30.955 ug/ml
14) T n-Tetracosane (C24)	15.385	9294684	63.940 ug/ml
15) T n-Hexacosane (C26)	16.410	4318298	29.840 ug/ml
16) T n-Octacosane (C28)	17.360	4271616	29.310 ug/ml
17) T n-Tricontane (C30)	18.252	4588904	29.120 ug/ml
18) T n-Dotriacontane (C32)	19.086	4707849	29.099 ug/ml
19) T n-Tetratriacontane (C34)	19.871	4636334	30.424 ug/ml
20) T n-Hexatriacontane (C36)	20.612	4433514	32.974 ug/ml
21) T n-Octatriacontane (C38)	21.394	5176363	44.135 ug/ml
22) T n-Tetracontane (C40)	22.390	4483963	41.371 ug/ml

(f)=RT Delta > 1/2 Window

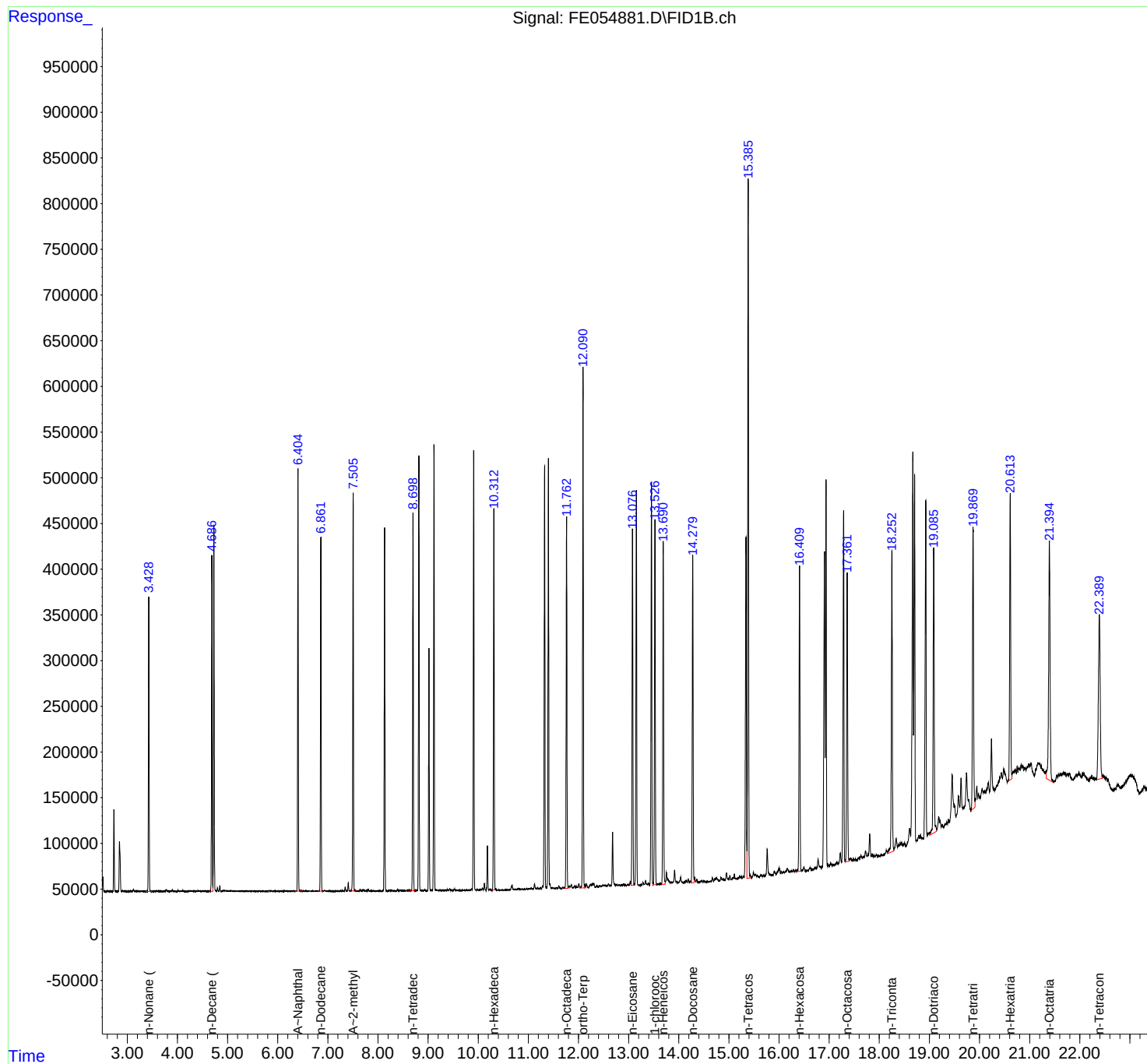
(m)=manual int.

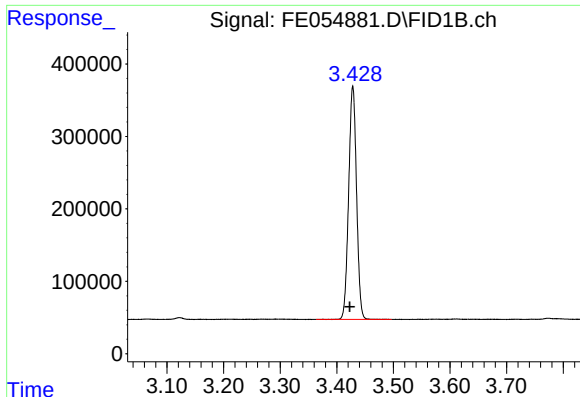
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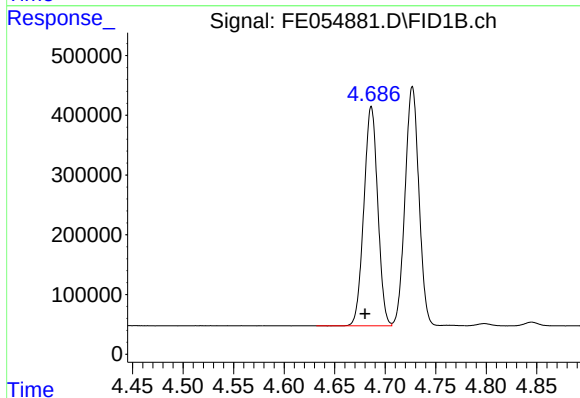




#1 n-Nonane (C9)

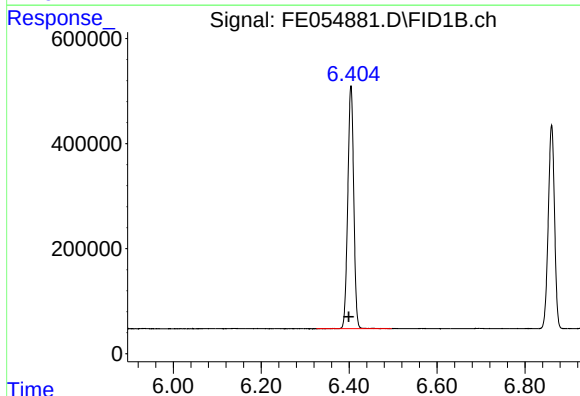
R.T.: 3.428 min
Delta R.T.: 0.005 min
Response: 3116988
Conc: 23.17 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-071525MS



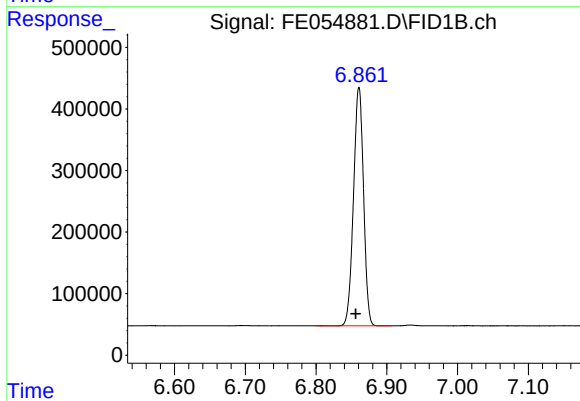
#2 n-Decane (C10)

R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 3505575
Conc: 25.69 ug/ml



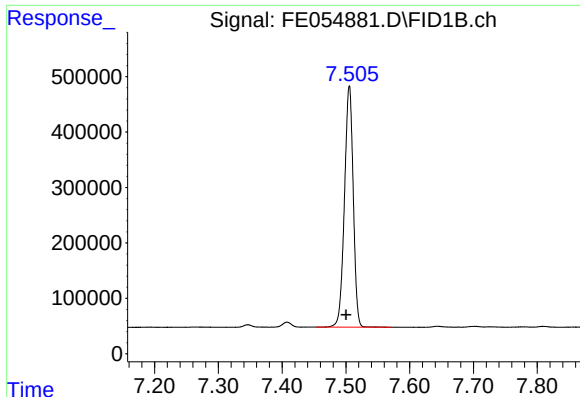
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 4345904
Conc: 28.70 ug/ml



#4 n-Dodecane (C12)

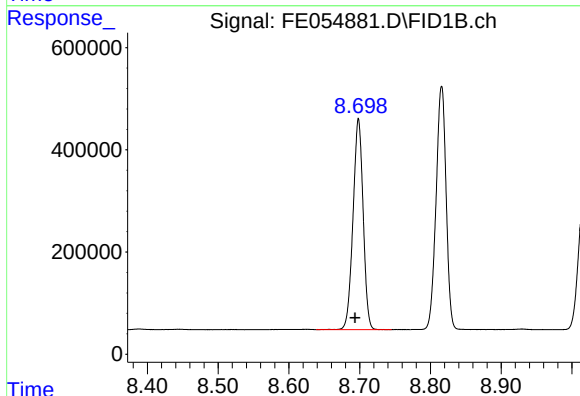
R.T.: 6.861 min
Delta R.T.: 0.004 min
Response: 3817611
Conc: 27.82 ug/ml



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

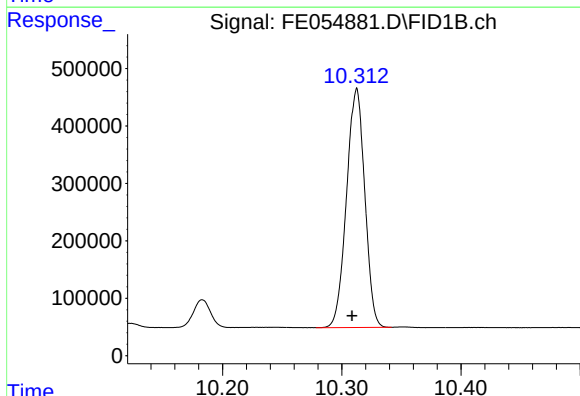
R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 4160742
Conc: 28.30 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-071525MS



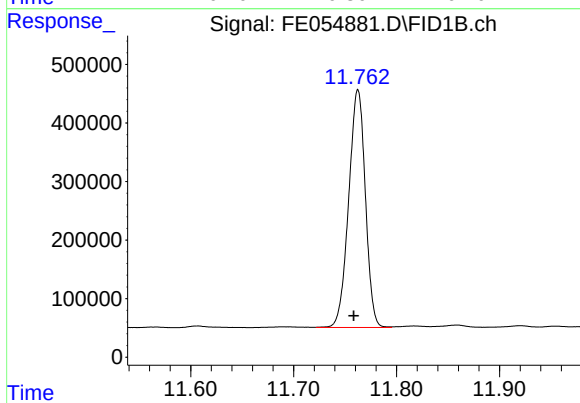
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.005 min
Response: 4102638
Conc: 29.59 ug/ml



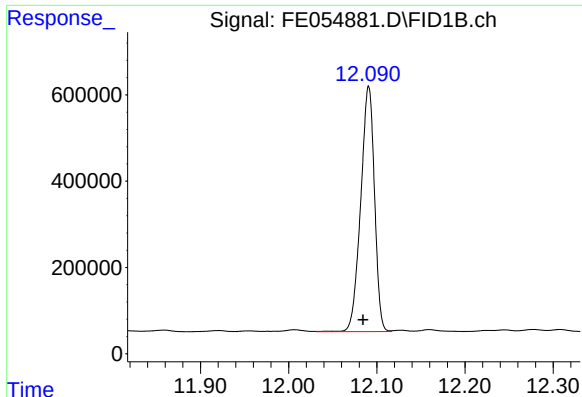
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.004 min
Response: 4432618
Conc: 31.10 ug/ml



#8 n-Octadecane (C18)

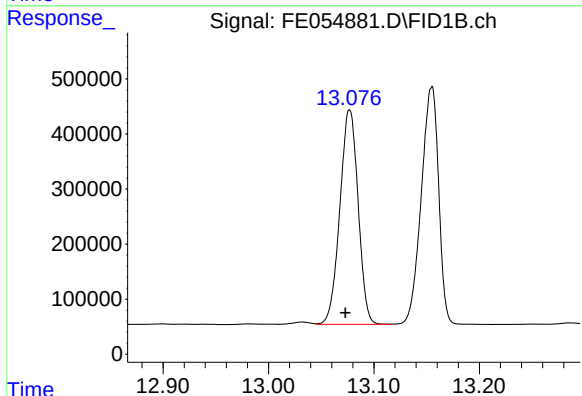
R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 4570921
Conc: 31.19 ug/ml



#9 ortho-Terphenyl (SURR)

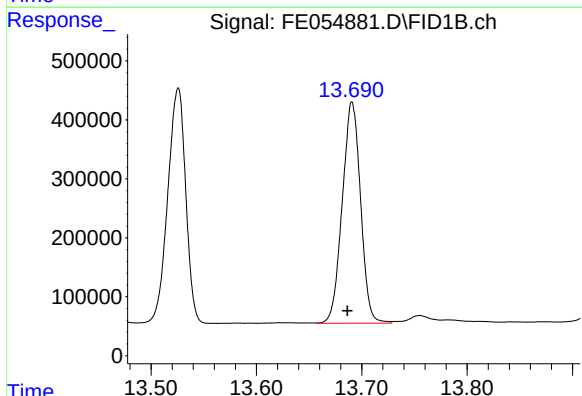
R.T.: 12.091 min
Delta R.T.: 0.006 min
Response: 6178308
Conc: 38.05 ug/ml

Instrument :
FID_E
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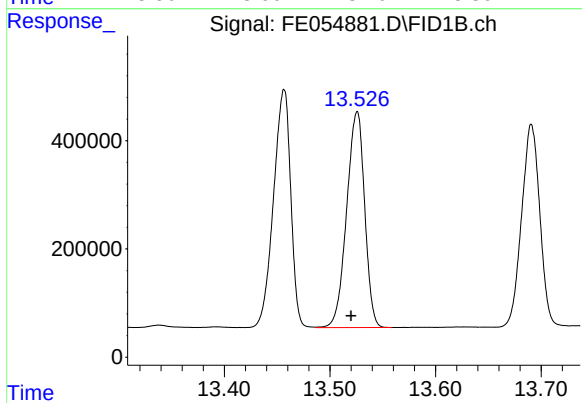
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.004 min
Response: 4693705
Conc: 32.64 ug/ml



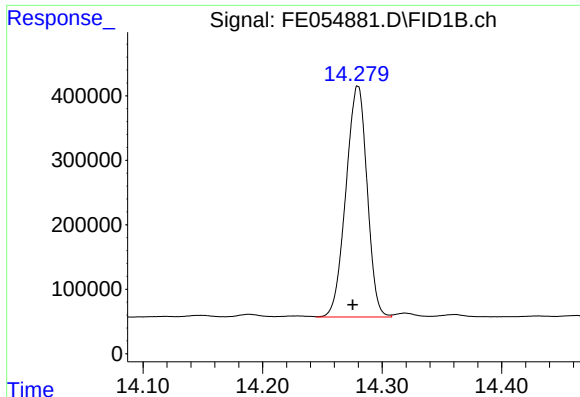
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.005 min
Response: 4534202
Conc: 31.74 ug/ml



#12 1-chlorooctadecane (SURR)

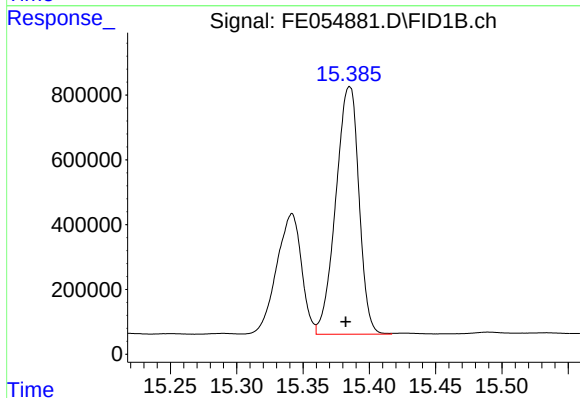
R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 4735436
Conc: 37.50 ug/ml



#13 n-Docosane (C22)

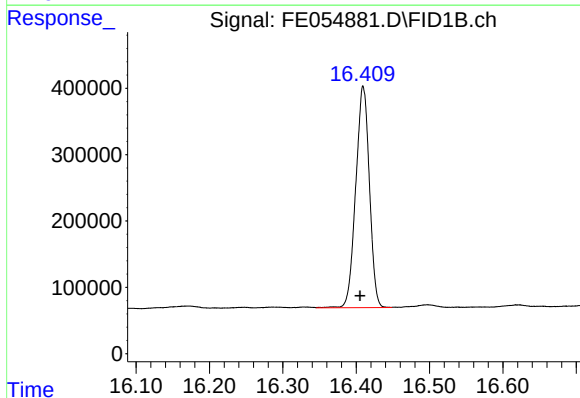
R.T.: 14.280 min
Delta R.T.: 0.004 min
Response: 4419980
Conc: 30.95 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-071525MS



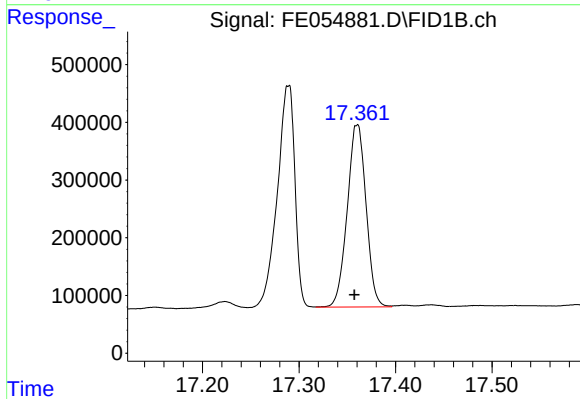
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.002 min
Response: 9294684
Conc: 63.94 ug/ml



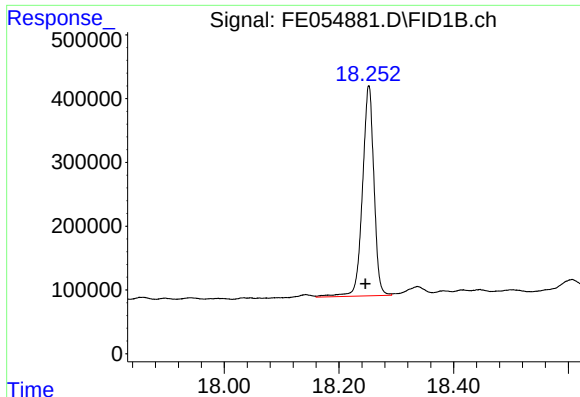
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.004 min
Response: 4318298
Conc: 29.84 ug/ml



#16 n-Octacosane (C28)

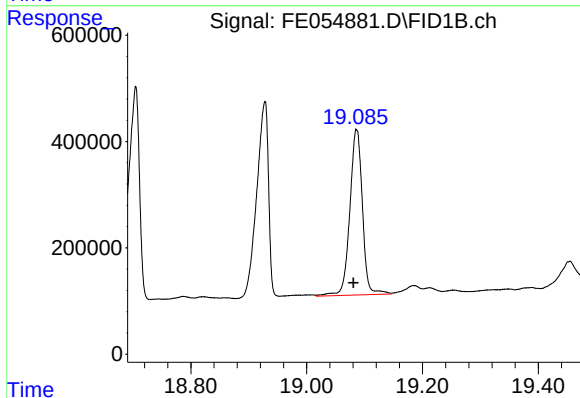
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 4271616
Conc: 29.31 ug/ml



#17 n-Tricontane (C30)

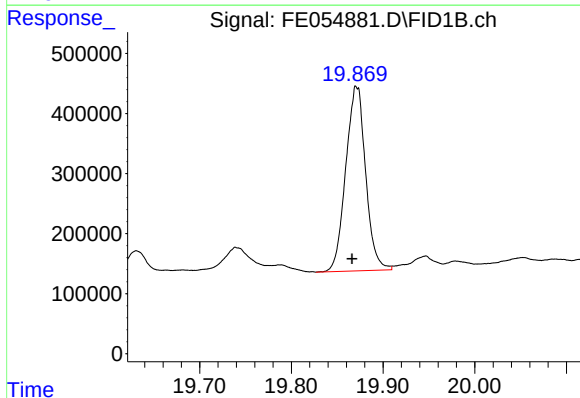
R.T.: 18.252 min
Delta R.T.: 0.006 min
Response: 4588904
Conc: 29.12 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-071525MS



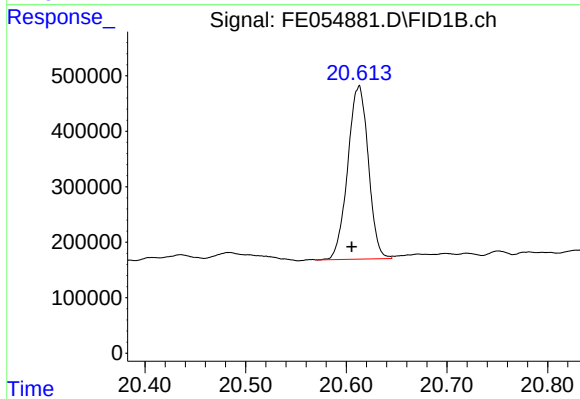
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.005 min
Response: 4707849
Conc: 29.10 ug/ml



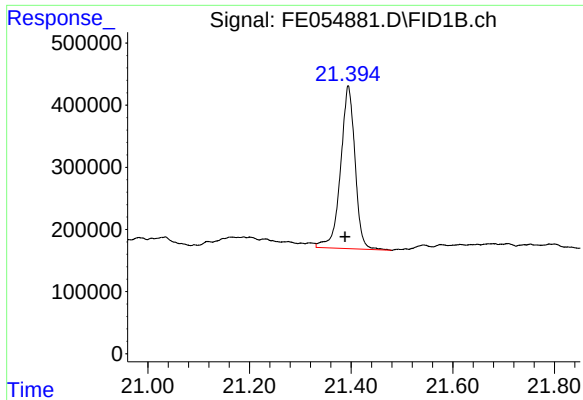
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.005 min
Response: 4636334
Conc: 30.42 ug/ml



#20 n-Hexatriacontane (C36)

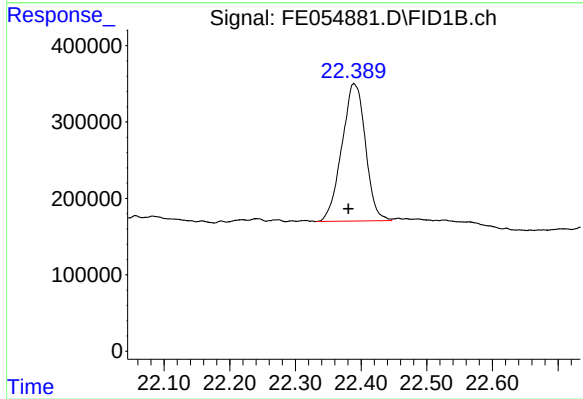
R.T.: 20.612 min
Delta R.T.: 0.007 min
Response: 4433514
Conc: 32.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.007 min
Response: 5176363
Conc: 44.14 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-071525MS



#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: 0.009 min
Response: 4483963
Conc: 41.37 ug/ml