

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055355.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 11:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 14:26:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 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)	12.082	2928094	20.504 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
12) S 1-chlorooctadecane (S...	13.518	2211999	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.419	2319456	20.210 ug/ml
2) T n-Decane (C10)	4.677	2385574	20.478 ug/ml
3) T A~Naphthalene (C11.7)	6.397	2710176	20.190 ug/ml
4) T n-Dodecane (C12)	6.853	2442906	20.514 ug/ml
5) T A~2-methylnaphthalene...	7.498	2626861	20.147 ug/ml
6) T n-Tetradecane (C14)	8.690	2479460	20.222 ug/ml
7) T n-Hexadecane (C16)	10.306	2590760	20.265 ug/ml
8) T n-Octadecane (C18)	11.755	2670153	20.465 ug/ml
10) T n-Eicosane (C20)	13.070	2584222	20.596 ug/ml
11) T n-Heneicosane (C21)	13.685	2531722	20.538 ug/ml
13) T n-Docosane (C22)	14.273	2512811	20.577 ug/ml
14) T n-Tetracosane (C24)	15.380	2495920	20.520 ug/ml
15) T n-Hexacosane (C26)	16.404	2457515	20.540 ug/ml
16) T n-Octacosane (C28)	17.357	2450117	20.655 ug/ml
17) T n-Tricontane (C30)	18.246	2559873	20.804 ug/ml
18) T n-Dotriacontane (C32)	19.080	2581622	21.159 ug/ml
19) T n-Tetratriacontane (C34)	19.866	2465303	21.086 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2279330	20.854 ug/ml
21) T n-Octatriacontane (C38)	21.387	2256365	20.879 ug/ml
22) T n-Tetracontane (C40)	22.378	2140846	20.472 ug/ml

(f)=RT Delta > 1/2 Window

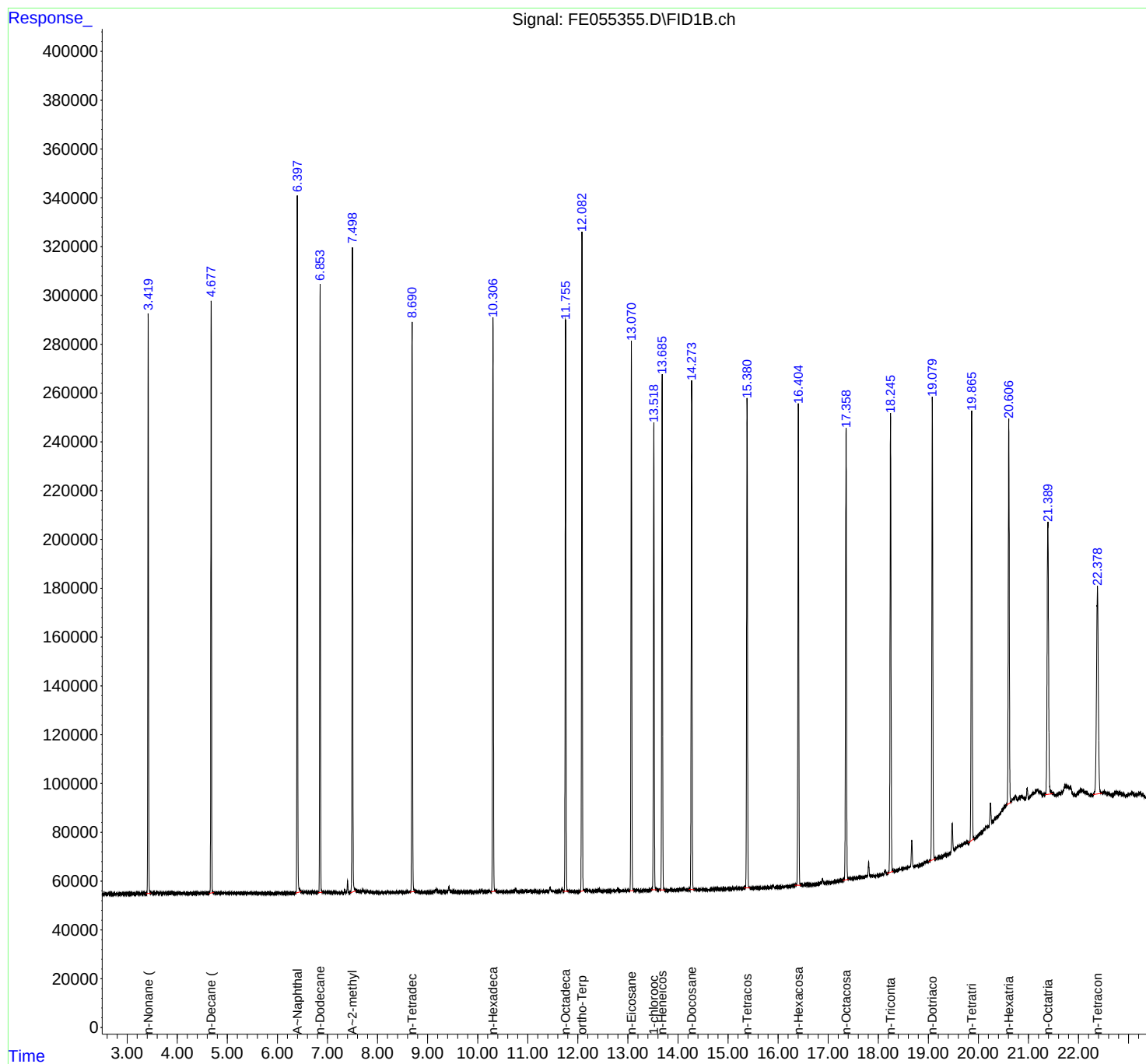
(m)=manual int.

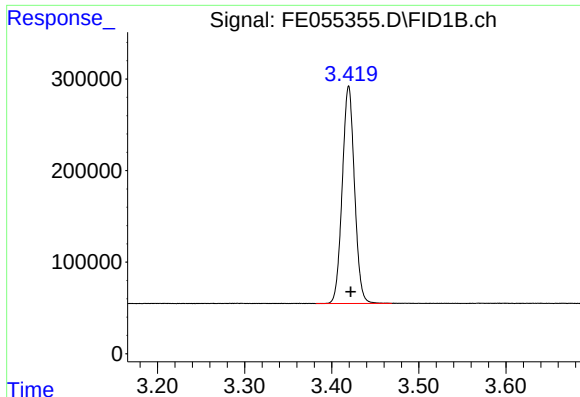
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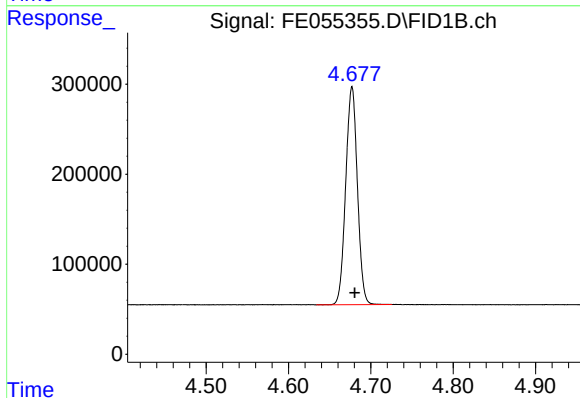




#1 n-Nonane (C9)

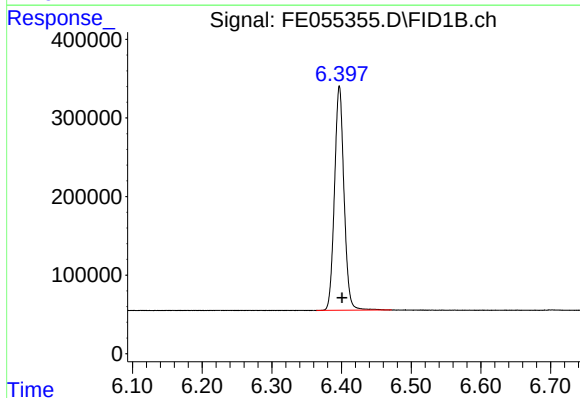
R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 2319456
Conc: 20.21 ug/ml

Instrument :
FID_E
ClientSampleId :



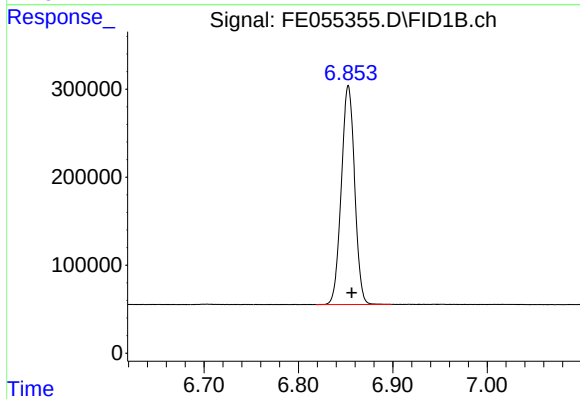
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 2385574
Conc: 20.48 ug/ml



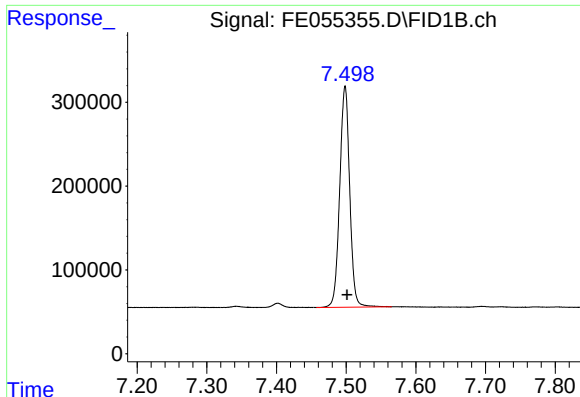
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 2710176
Conc: 20.19 ug/ml



#4 n-Dodecane (C12)

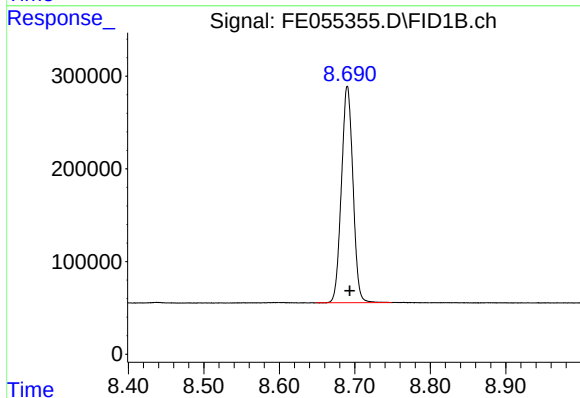
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 2442906
Conc: 20.51 ug/ml



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

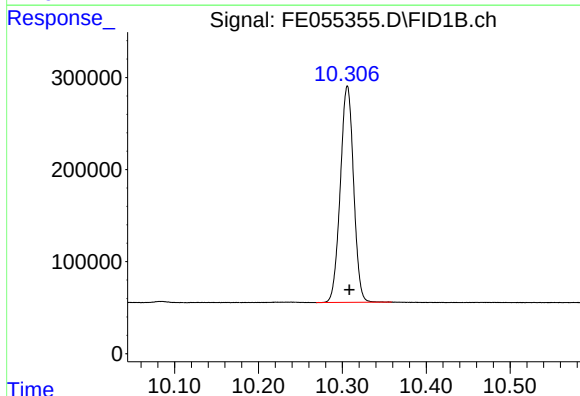
R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 2626861
Conc: 20.15 ug/ml

Instrument :
FID_E
ClientSampleId :



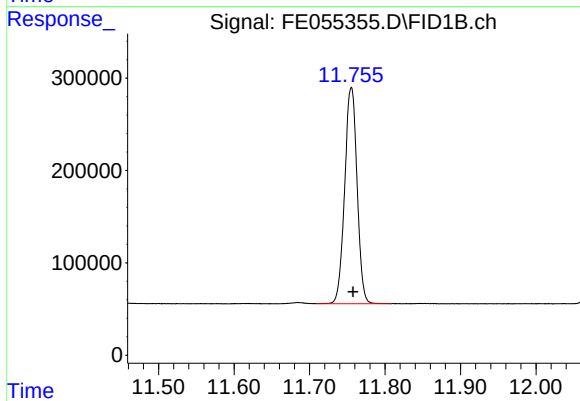
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 2479460
Conc: 20.22 ug/ml



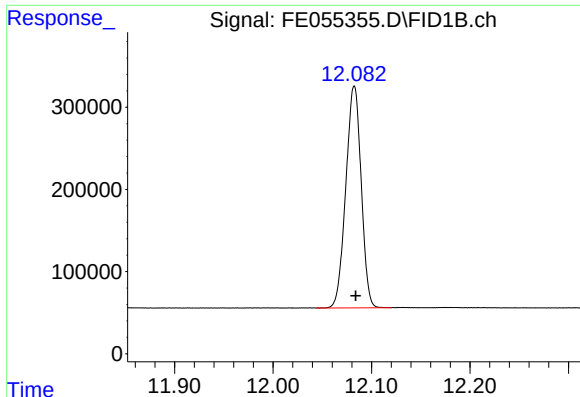
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.002 min
Response: 2590760
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

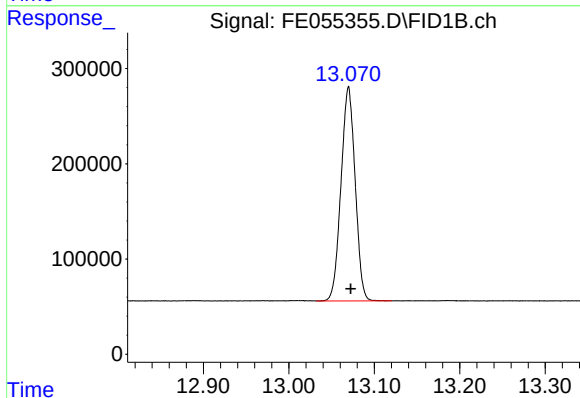
R.T.: 11.755 min
Delta R.T.: -0.002 min
Response: 2670153
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

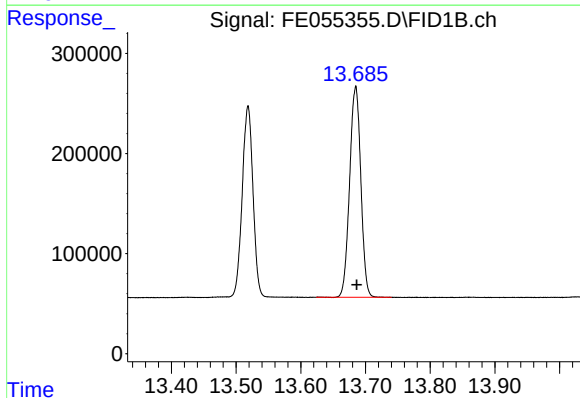
R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 2928094
Conc: 20.50 ug/ml

Instrument :
FID_E
ClientSampleId :



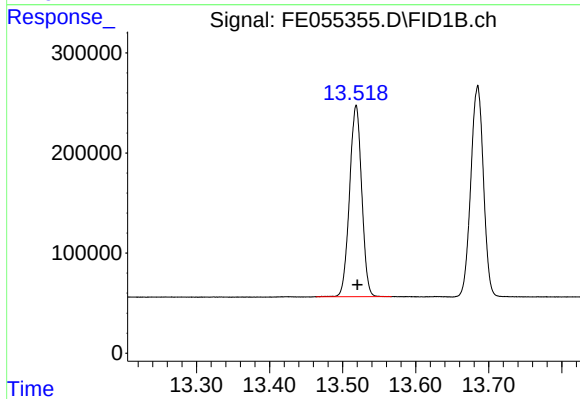
#10 n-Eicosane (C20)

R.T.: 13.070 min
Delta R.T.: -0.003 min
Response: 2584222
Conc: 20.60 ug/ml



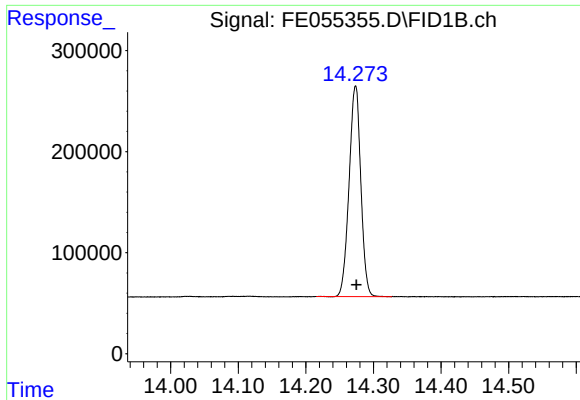
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.002 min
Response: 2531722
Conc: 20.54 ug/ml



#12 1-chlorooctadecane (SURR)

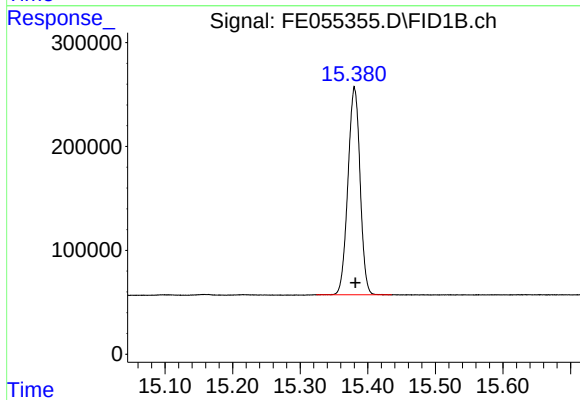
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 2211999
Conc: 20.57 ug/ml



#13 n-Docosane (C22)

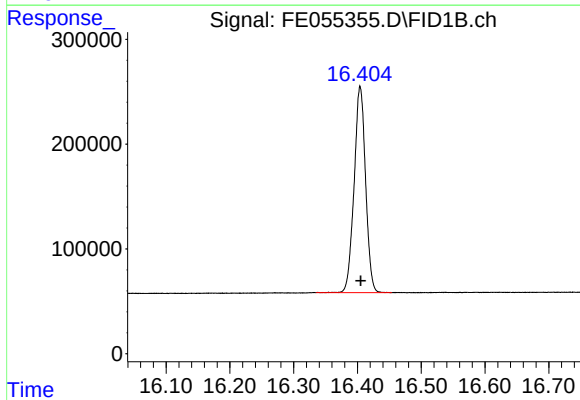
R.T.: 14.273 min
Delta R.T.: -0.002 min
Response: 2512811
Conc: 20.58 ug/ml

Instrument :
FID_E
ClientSampleId :



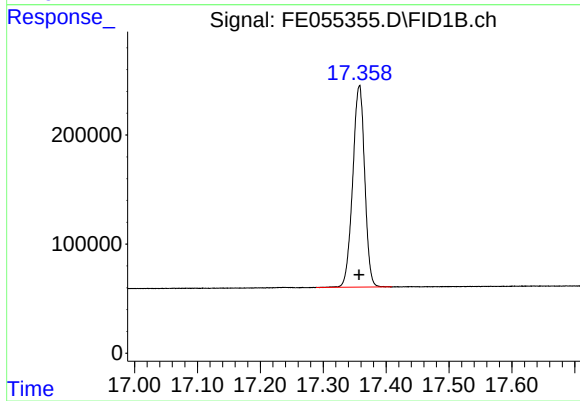
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.001 min
Response: 2495920
Conc: 20.52 ug/ml



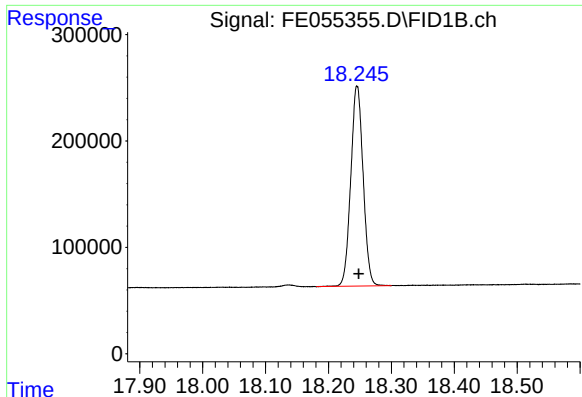
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: 0.000 min
Response: 2457515
Conc: 20.54 ug/ml



#16 n-Octacosane (C28)

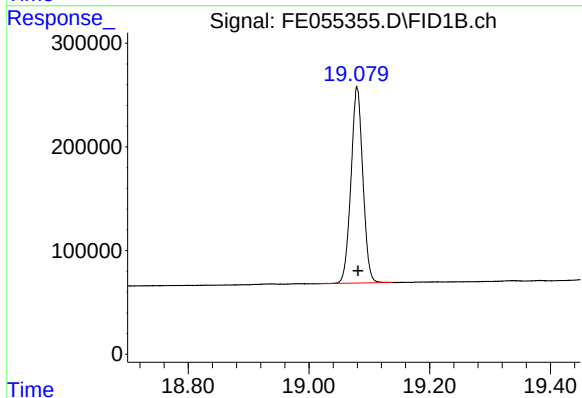
R.T.: 17.357 min
Delta R.T.: 0.000 min
Response: 2450117
Conc: 20.65 ug/ml



#17 n-Tricontane (C30)

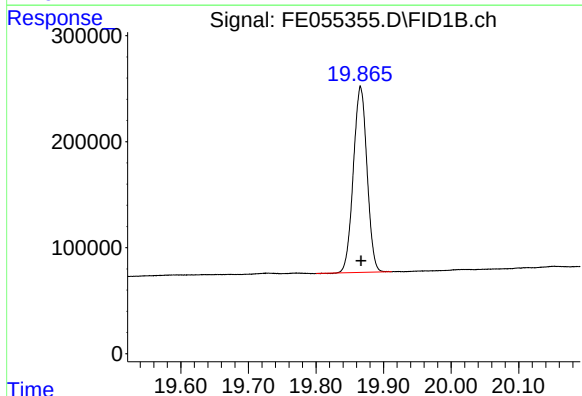
R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 2559873
Conc: 20.80 ug/ml

Instrument :
FID_E
ClientSampleId :



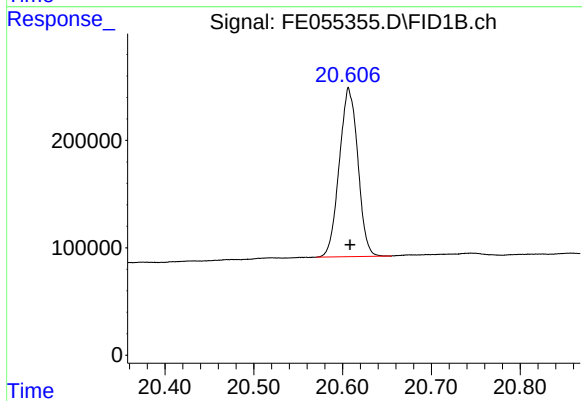
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: -0.002 min
Response: 2581622
Conc: 21.16 ug/ml



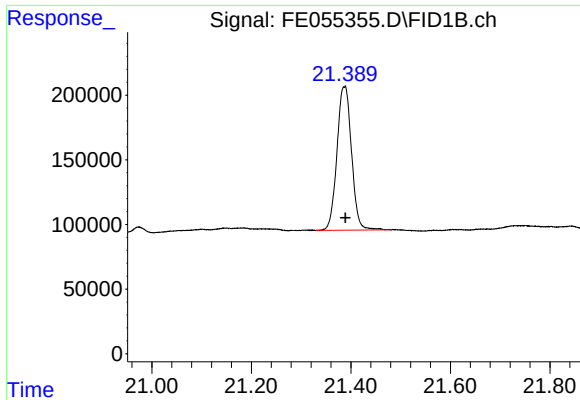
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 2465303
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

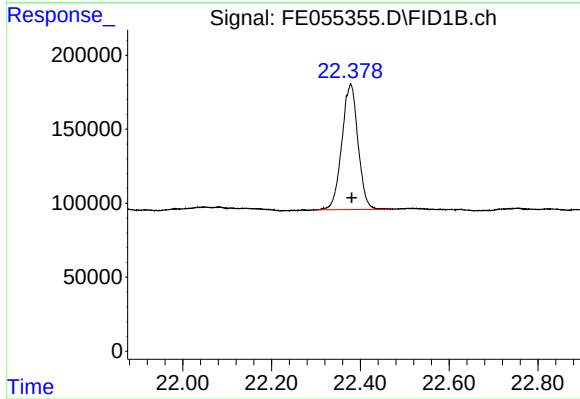
R.T.: 20.607 min
Delta R.T.: -0.001 min
Response: 2279330
Conc: 20.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.387 min
Delta R.T.: -0.002 min
Response: 2256365
Conc: 20.88 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.378 min
Delta R.T.: -0.003 min
Response: 2140846
Conc: 20.47 ug/ml