

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110524AL\
 Data File : FE051023.D
 Signal(s) : FID1B.ch
 Acq On : 05 Nov 2024 10:07
 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: Nov 05 12:10:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.852	2584874	16.396 ug/ml
Spiked Amount 50.000		Recovery =	32.79%
12) S 1-chlorooctadecane (S...	13.285	2033656	17.192 ug/ml
Spiked Amount 50.000		Recovery =	34.38%
Target Compounds			
1) T n-Nonane (C9)	3.240	2535374	17.944 ug/ml
2) T n-Decane (C10)	4.491	2557731	17.827 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2423816	16.951 ug/ml
4) T n-Dodecane (C12)	6.660	2572413	17.872 ug/ml
5) T A~2-methylnaphthalene...	7.300	2232685	16.853 ug/ml
6) T n-Tetradecane (C14)	8.485	2520337	17.616 ug/ml
7) T n-Hexadecane (C16)	10.091	2562432	17.411 ug/ml
8) T n-Octadecane (C18)	11.532	2577950	17.259 ug/ml
10) T n-Eicosane (C20)	12.839	2461266	17.164 ug/ml
11) T n-Heneicosane (C21)	13.449	2407132	17.141 ug/ml
13) T n-Docosane (C22)	14.034	2386011	17.007 ug/ml
14) T n-Tetracosane (C24)	15.136	2301223	16.289 ug/ml
15) T n-Hexacosane (C26)	16.156	2255687	16.030 ug/ml
16) T n-Octacosane (C28)	17.105	2375801	16.236 ug/ml
17) T n-Tricontane (C30)	17.991	2459221	15.467 ug/ml
18) T n-Dotriacontane (C32)	18.822	2481058	15.304 ug/ml
19) T n-Tetratriacontane (C34)	19.606	2257677	15.370 ug/ml
20) T n-Hexatriacontane (C36)	20.344	2111235	16.648 ug/ml
21) T n-Octatriacontane (C38)	21.067	1916243	15.498 ug/ml
22) T n-Tetracontane (C40)	21.948	1763550	15.838 ug/ml

(f)=RT Delta > 1/2 Window

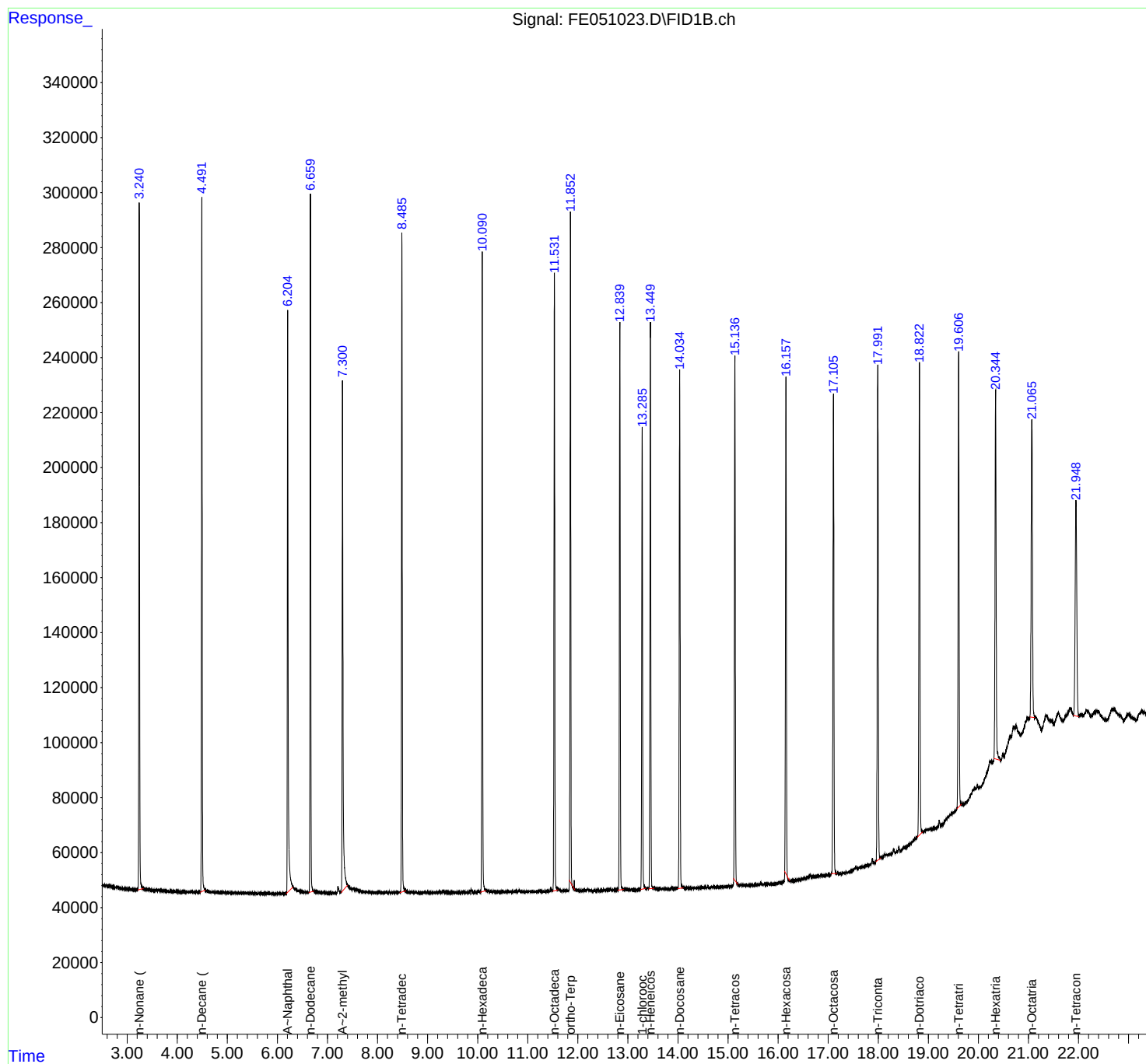
(m)=manual int.

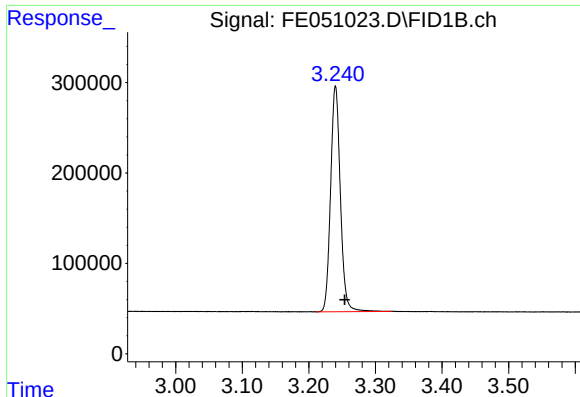
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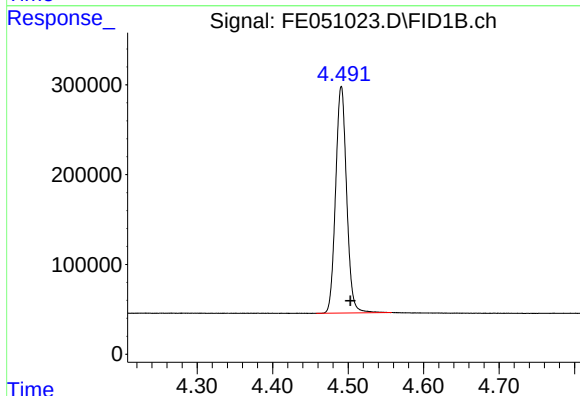




#1 n-Nonane (C9)

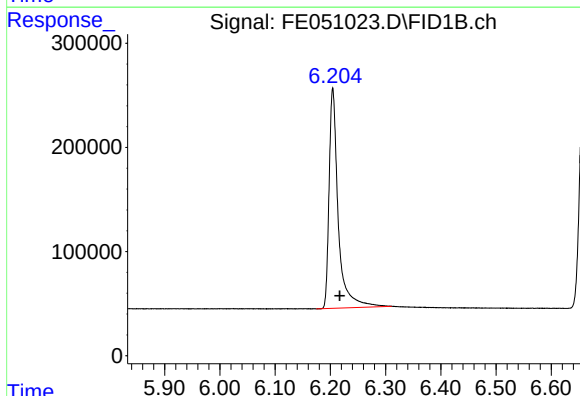
R.T.: 3.240 min
Delta R.T.: -0.014 min
Response: 2535374
Conc: 17.94 ug/ml

Instrument :
FID_E
ClientSampleId :



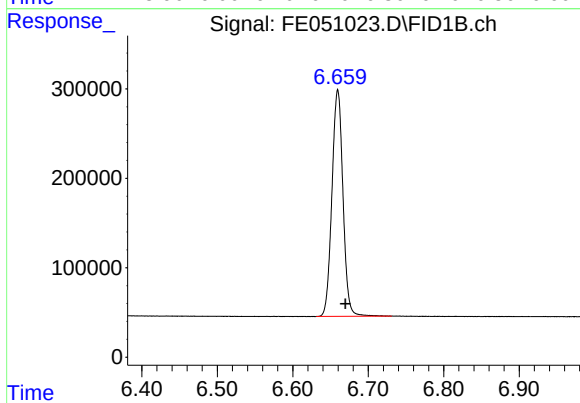
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.012 min
Response: 2557731
Conc: 17.83 ug/ml



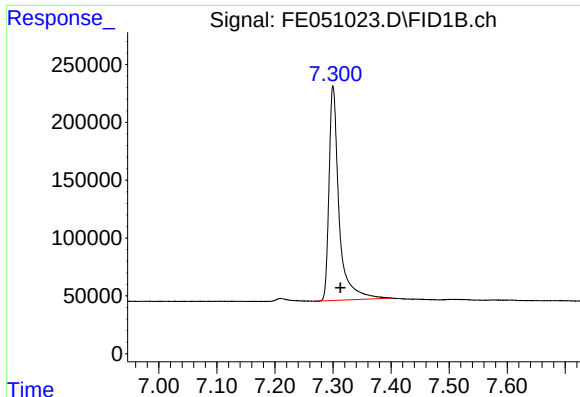
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: -0.012 min
Response: 2423816
Conc: 16.95 ug/ml



#4 n-Dodecane (C12)

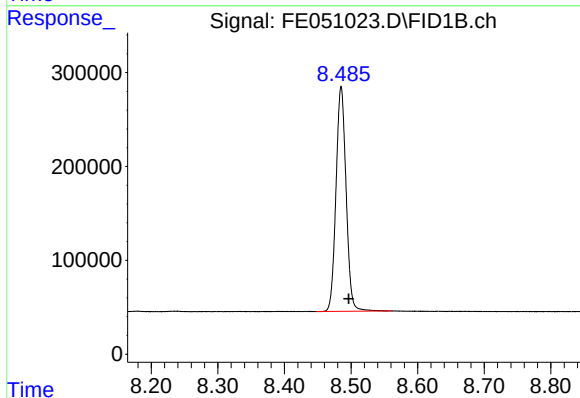
R.T.: 6.660 min
Delta R.T.: -0.010 min
Response: 2572413
Conc: 17.87 ug/ml



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

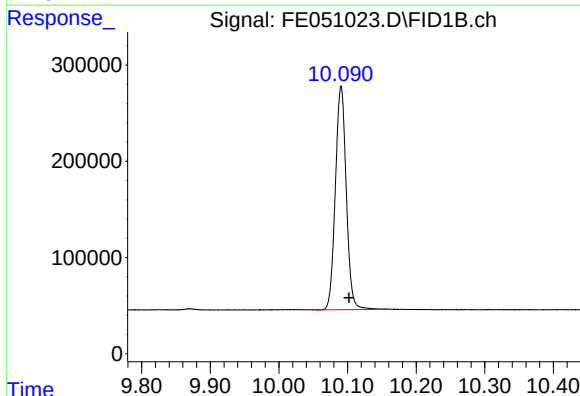
R.T.: 7.300 min
Delta R.T.: -0.012 min
Response: 2232685
Conc: 16.85 ug/ml

Instrument :
FID_E
ClientSampleId :



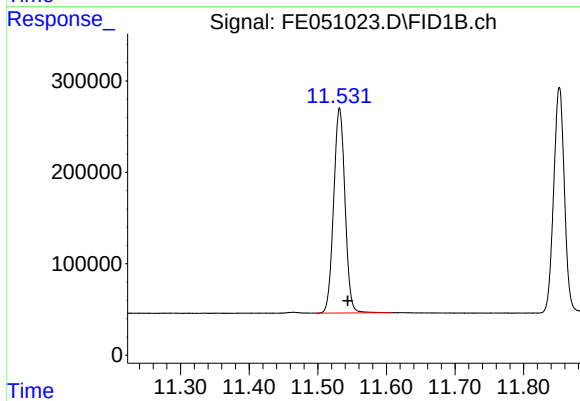
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: -0.011 min
Response: 2520337
Conc: 17.62 ug/ml



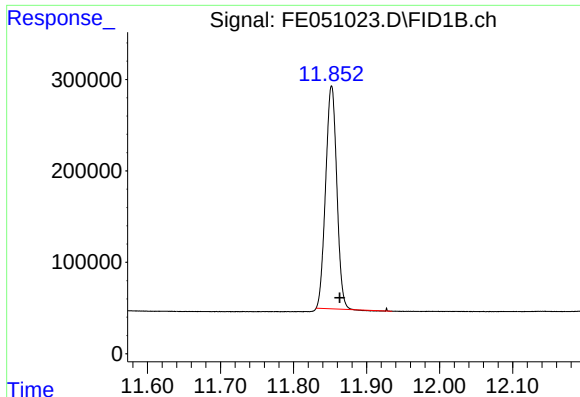
#7 n-Hexadecane (C16)

R.T.: 10.091 min
Delta R.T.: -0.012 min
Response: 2562432
Conc: 17.41 ug/ml



#8 n-Octadecane (C18)

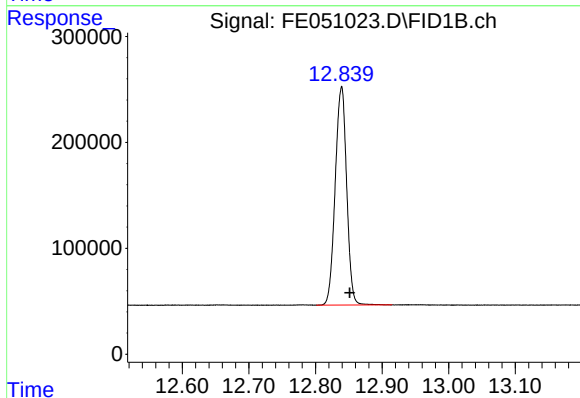
R.T.: 11.532 min
Delta R.T.: -0.012 min
Response: 2577950
Conc: 17.26 ug/ml



#9 ortho-Terphenyl (SURR)

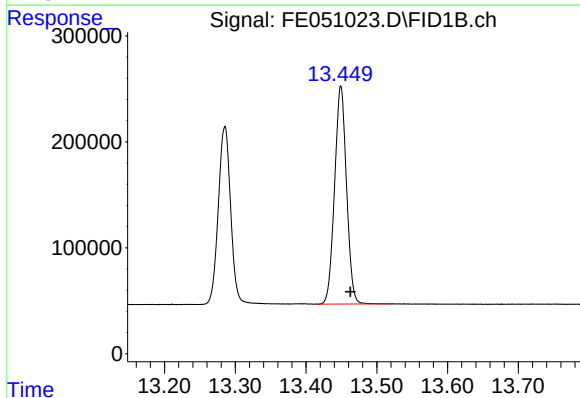
R.T.: 11.852 min
Delta R.T.: -0.011 min
Response: 2584874
Conc: 16.40 ug/ml

Instrument :
FID_E
ClientSampleId :



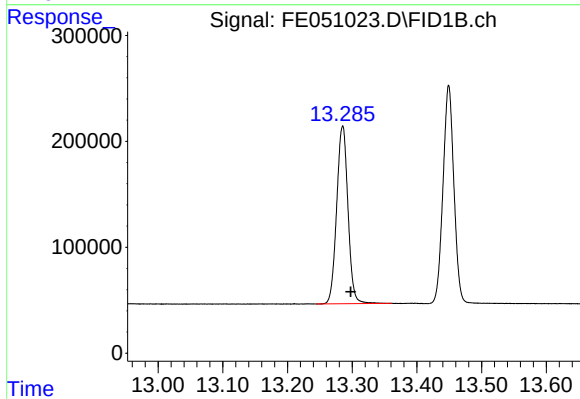
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.013 min
Response: 2461266
Conc: 17.16 ug/ml



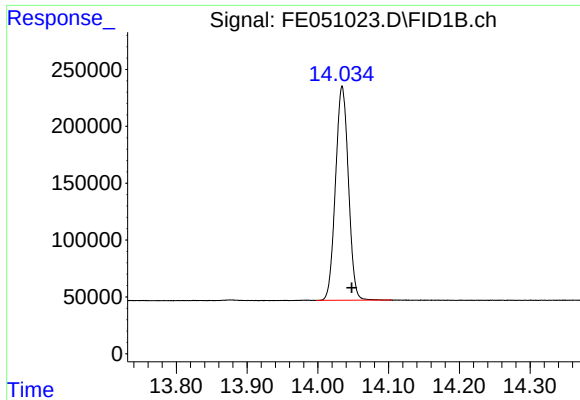
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: -0.013 min
Response: 2407132
Conc: 17.14 ug/ml



#12 1-chlorooctadecane (SURR)

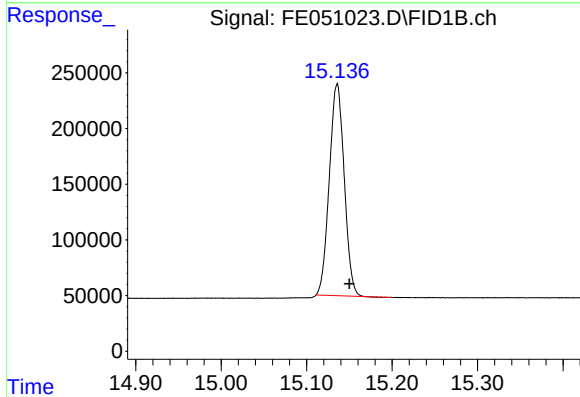
R.T.: 13.285 min
Delta R.T.: -0.013 min
Response: 2033656
Conc: 17.19 ug/ml



#13 n-Docosane (C22)

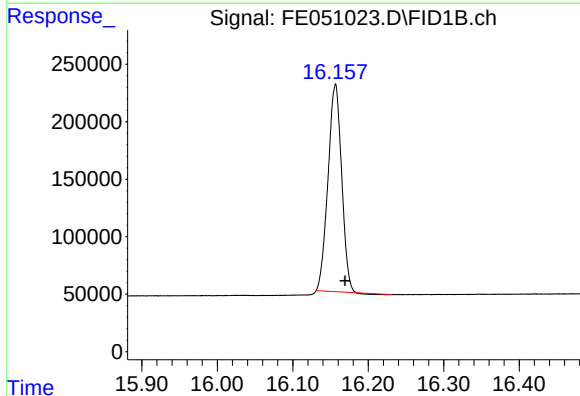
R.T.: 14.034 min
Delta R.T.: -0.013 min
Response: 2386011
Conc: 17.01 ug/ml

Instrument :
FID_E
ClientSampleId :



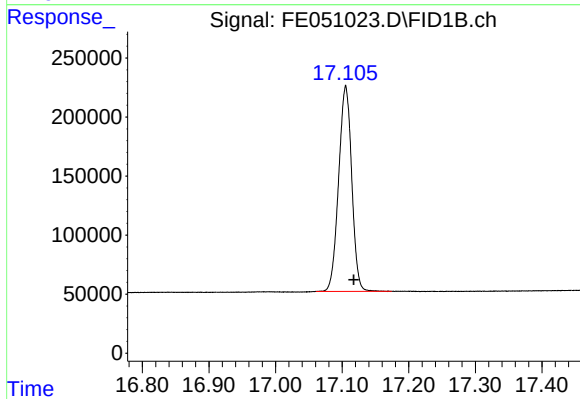
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: -0.014 min
Response: 2301223
Conc: 16.29 ug/ml



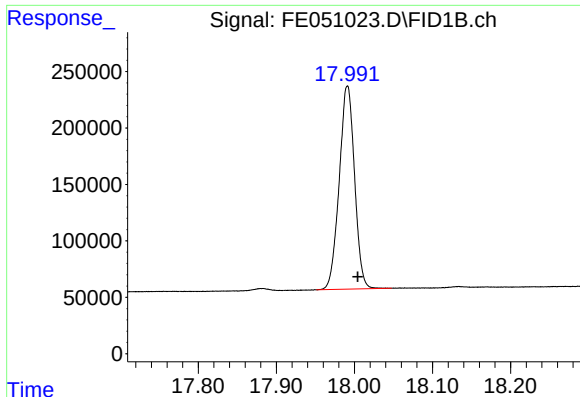
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.013 min
Response: 2255687
Conc: 16.03 ug/ml



#16 n-Octacosane (C28)

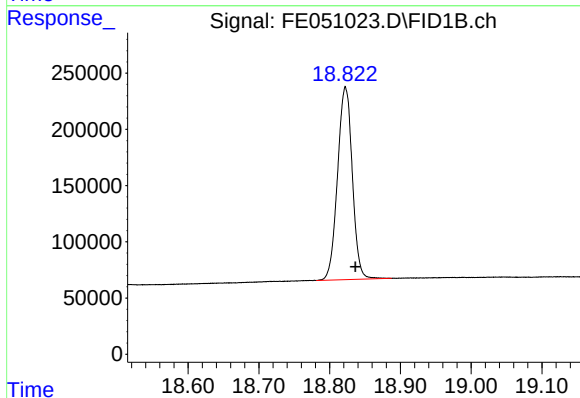
R.T.: 17.105 min
Delta R.T.: -0.012 min
Response: 2375801
Conc: 16.24 ug/ml



#17 n-Tricontane (C30)

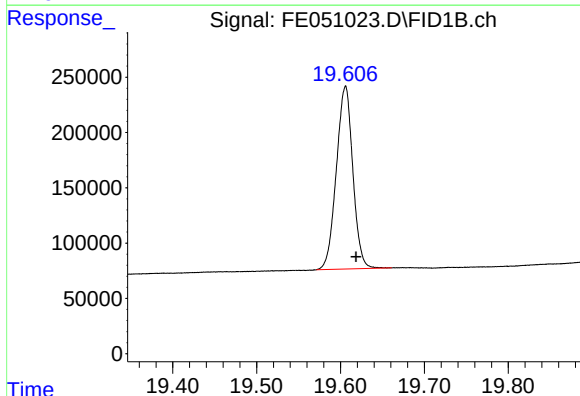
R.T.: 17.991 min
Delta R.T.: -0.013 min
Response: 2459221
Conc: 15.47 ug/ml

Instrument :
FID_E
ClientSampleId :



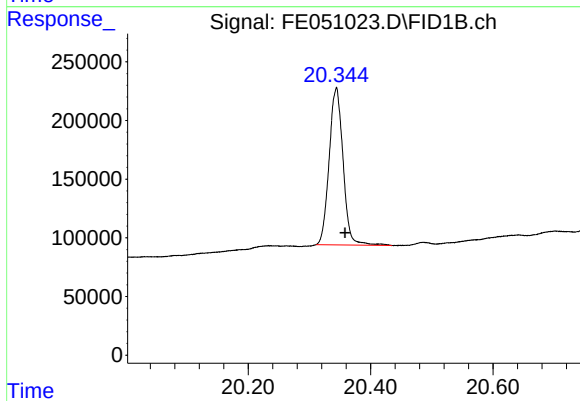
#18 n-Dotriacontane (C32)

R.T.: 18.822 min
Delta R.T.: -0.014 min
Response: 2481058
Conc: 15.30 ug/ml



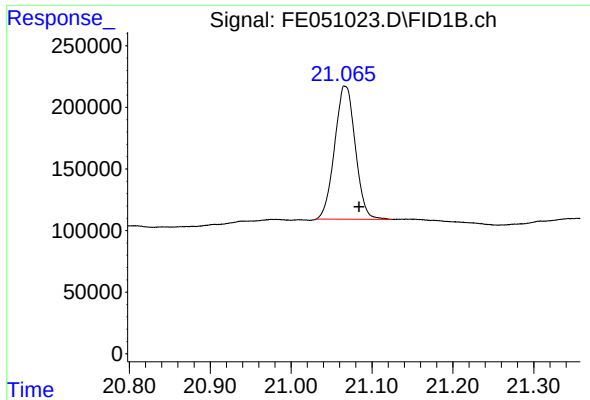
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: -0.013 min
Response: 2257677
Conc: 15.37 ug/ml



#20 n-Hexatriacontane (C36)

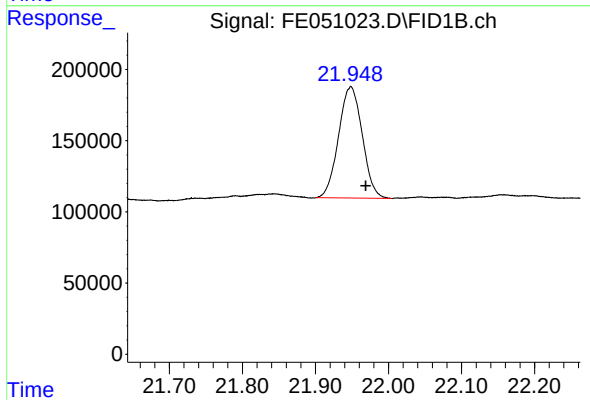
R.T.: 20.344 min
Delta R.T.: -0.015 min
Response: 2111235
Conc: 16.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.067 min
Delta R.T.: -0.017 min
Response: 1916243
Conc: 15.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.948 min
Delta R.T.: -0.021 min
Response: 1763550
Conc: 15.84 ug/ml