

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092925AL\
 Data File : FE056059.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2025 22:29
 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: Sep 30 00:32:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.072	3729324	19.874 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	13.509	2859249	20.487 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	3.414	2391651	17.458 ug/ml
2) T n-Decane (C10)	4.673	2481632	17.781 ug/ml
3) T A~Naphthalene (C11.7)	6.392	3014995	18.883 ug/ml
4) T n-Dodecane (C12)	6.847	2644151	18.422 ug/ml
5) T A~2-methylnaphthalene...	7.491	2999886	19.290 ug/ml
6) T n-Tetradecane (C14)	8.683	2846212	19.251 ug/ml
7) T n-Hexadecane (C16)	10.297	3143997	19.785 ug/ml
8) T n-Octadecane (C18)	11.746	3378189	19.944 ug/ml
10) T n-Eicosane (C20)	13.061	3324673	20.057 ug/ml
11) T n-Heneicosane (C21)	13.674	3229927	19.878 ug/ml
13) T n-Docosane (C22)	14.263	3162345	19.791 ug/ml
14) T n-Tetracosane (C24)	15.368	2994759	19.653 ug/ml
15) T n-Hexacosane (C26)	16.392	2836290	19.885 ug/ml
16) T n-Octacosane (C28)	17.347	3725593	26.744 ug/ml
17) T n-Tricontane (C30)	18.240	7873580	53.135 ug/ml
18) T n-Dotriacontane (C32)	19.077	12798837	85.784 ug/ml
19) T n-Tetratriacontane (C34)	19.863	12772976	90.300 ug/ml
20) T n-Hexatriacontane (C36)	20.601	9719522	75.714 ug/ml
21) T n-Octatriacontane (C38)	21.376	6381742	48.589 ug/ml
22) T n-Tetracontane (C40)	22.360	4259901	35.807 ug/ml

(f)=RT Delta > 1/2 Window

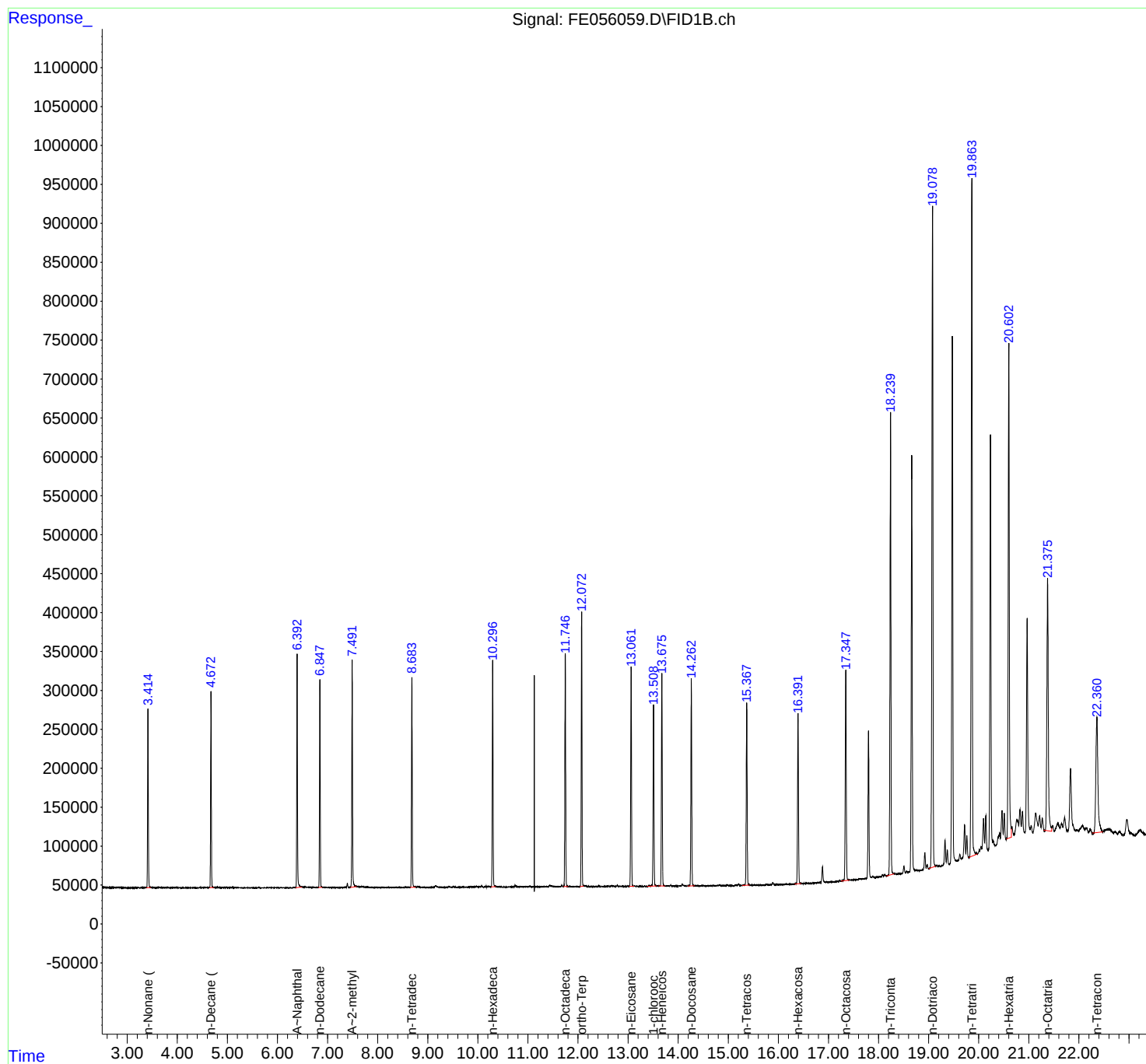
(m)=manual int.

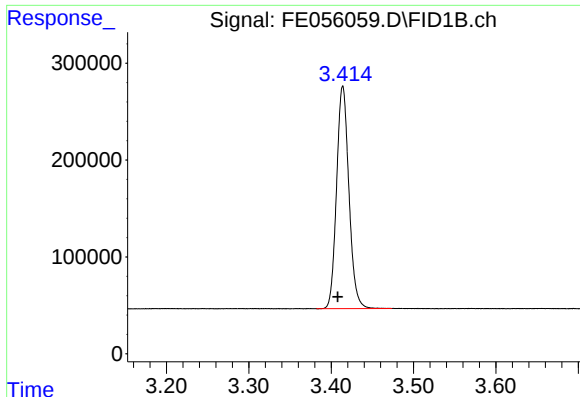
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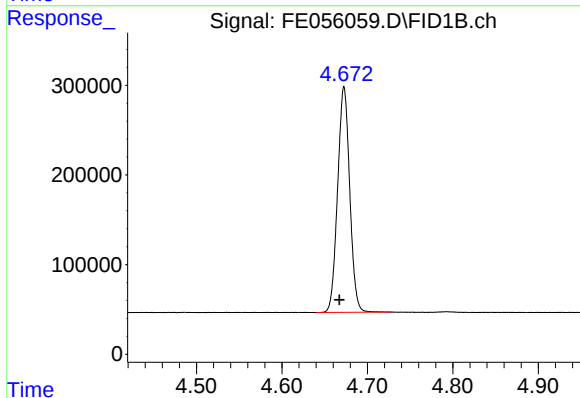




#1 n-Nonane (C9)

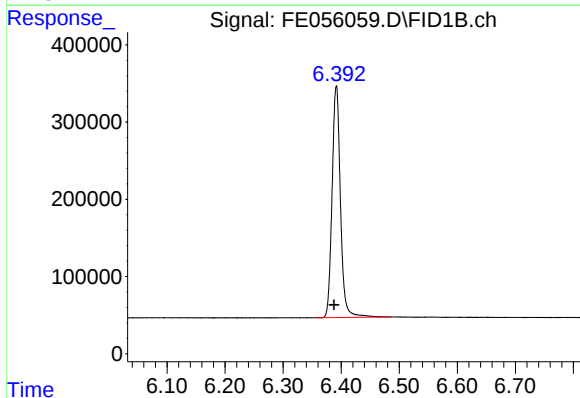
R.T.: 3.414 min
Delta R.T.: 0.006 min
Response: 2391651
Conc: 17.46 ug/ml

Instrument :
FID_E
ClientSampleId :



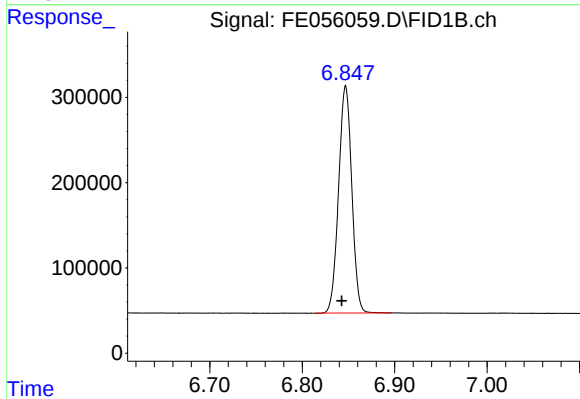
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.005 min
Response: 2481632
Conc: 17.78 ug/ml



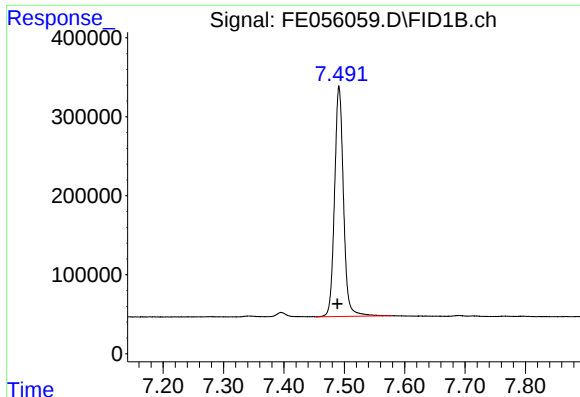
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.004 min
Response: 3014995
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

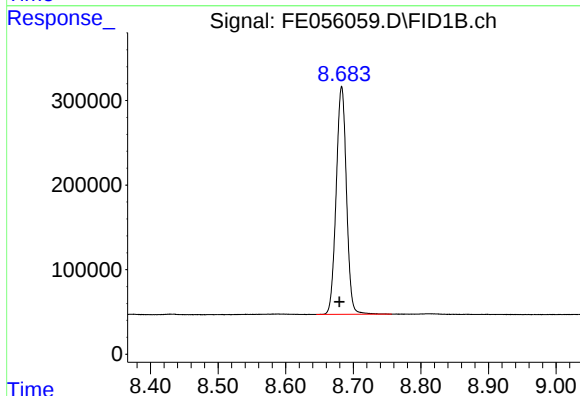
R.T.: 6.847 min
Delta R.T.: 0.004 min
Response: 2644151
Conc: 18.42 ug/ml



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

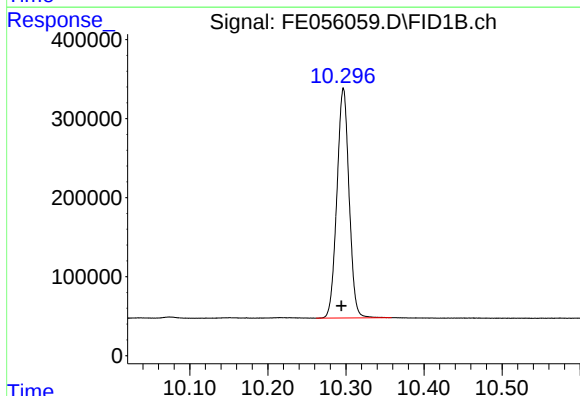
R.T.: 7.491 min
Delta R.T.: 0.003 min
Response: 2999886
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



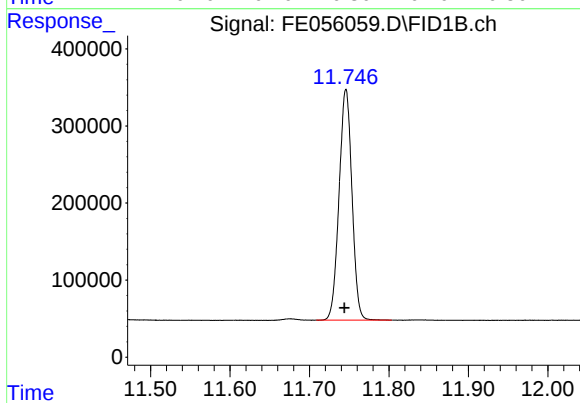
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.003 min
Response: 2846212
Conc: 19.25 ug/ml



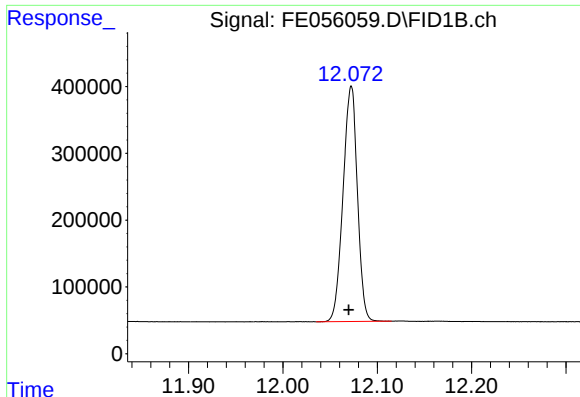
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.002 min
Response: 3143997
Conc: 19.79 ug/ml



#8 n-Octadecane (C18)

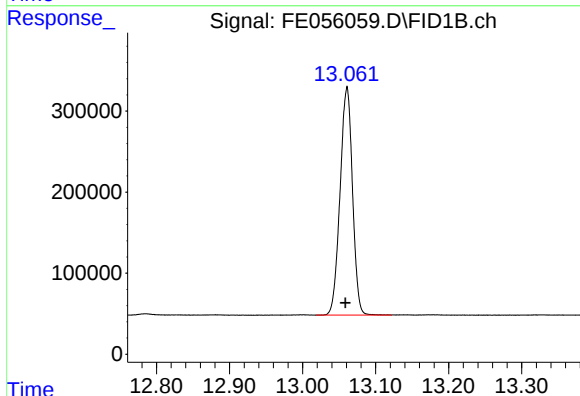
R.T.: 11.746 min
Delta R.T.: 0.002 min
Response: 3378189
Conc: 19.94 ug/ml



#9 ortho-Terphenyl (SURR)

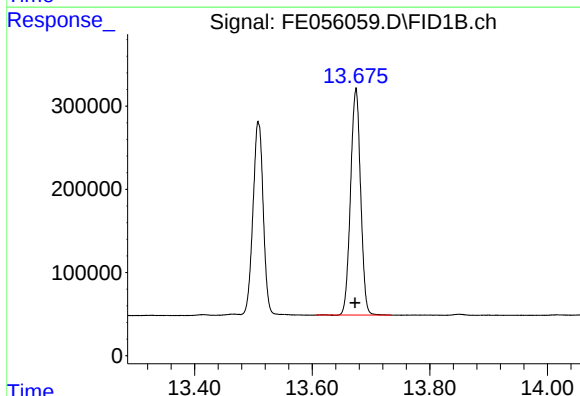
R.T.: 12.072 min
Delta R.T.: 0.002 min
Response: 3729324
Conc: 19.87 ug/ml

Instrument :
FID_E
ClientSampleId :



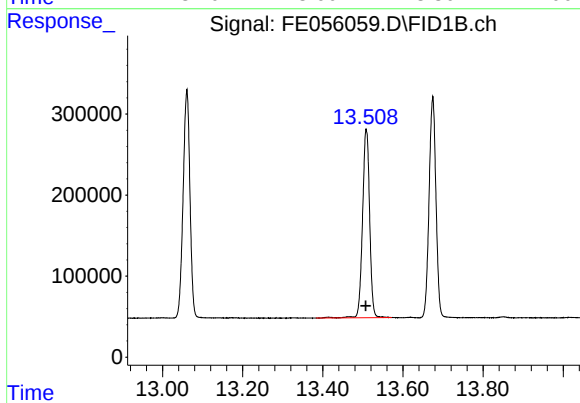
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 3324673
Conc: 20.06 ug/ml



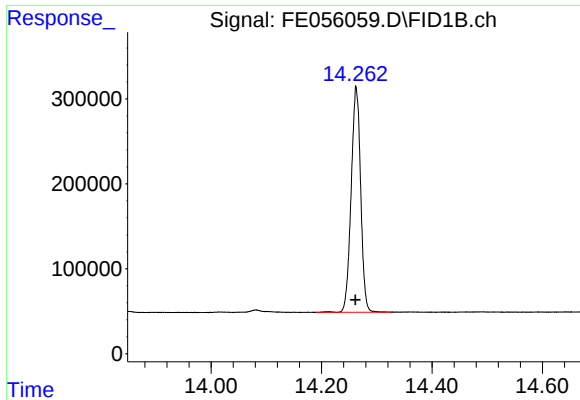
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: 0.001 min
Response: 3229927
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

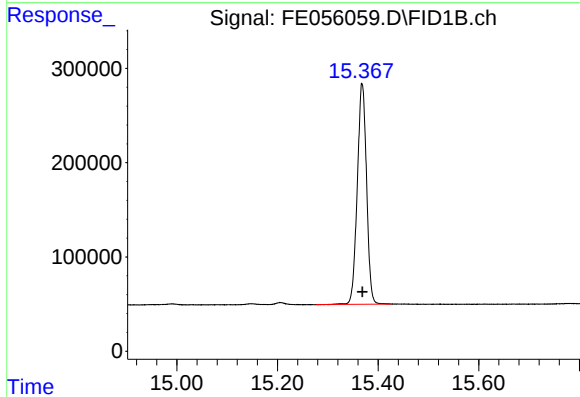
R.T.: 13.509 min
Delta R.T.: 0.001 min
Response: 2859249
Conc: 20.49 ug/ml



#13 n-Docosane (C22)

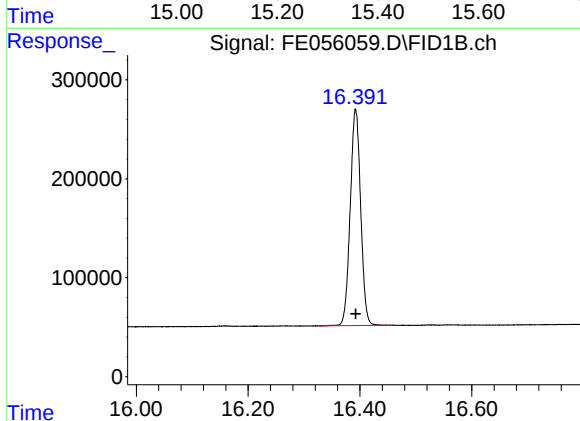
R.T.: 14.263 min
Delta R.T.: 0.001 min
Response: 3162345
Conc: 19.79 ug/ml

Instrument :
FID_E
ClientSampleId :



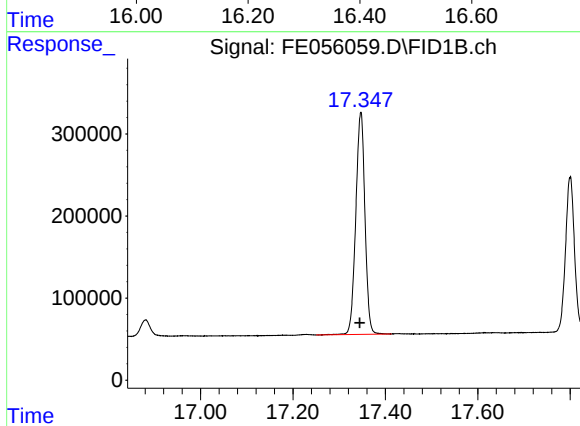
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: 0.000 min
Response: 2994759
Conc: 19.65 ug/ml



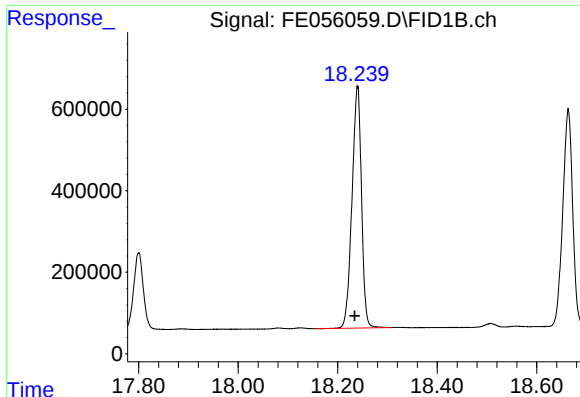
#15 n-Hexacosane (C26)

R.T.: 16.392 min
Delta R.T.: 0.000 min
Response: 2836290
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

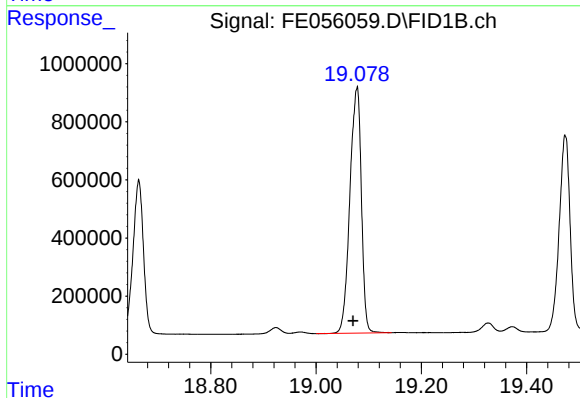
R.T.: 17.347 min
Delta R.T.: 0.002 min
Response: 3725593
Conc: 26.74 ug/ml



#17 n-Tricontane (C30)

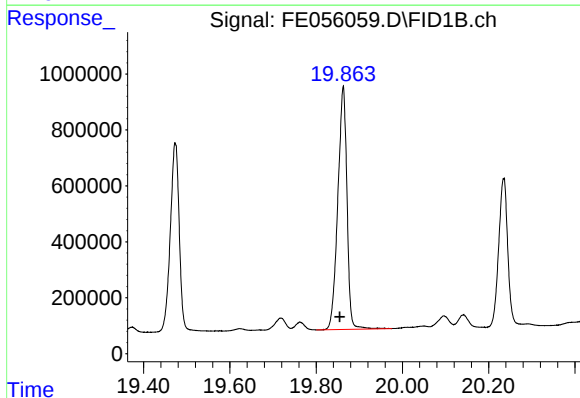
R.T.: 18.240 min
Delta R.T.: 0.005 min
Response: 7873580
Conc: 53.13 ug/ml

Instrument :
FID_E
ClientSampleId :



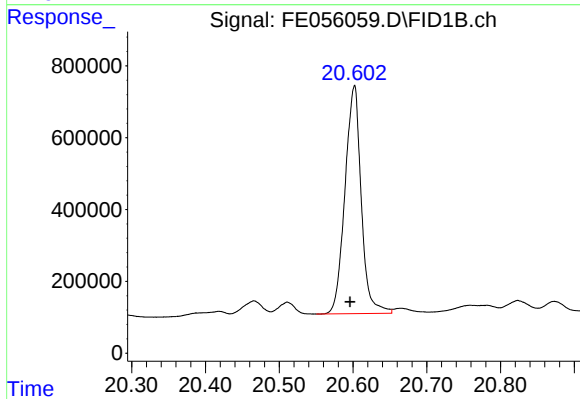
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: 0.007 min
Response: 12798837
Conc: 85.78 ug/ml



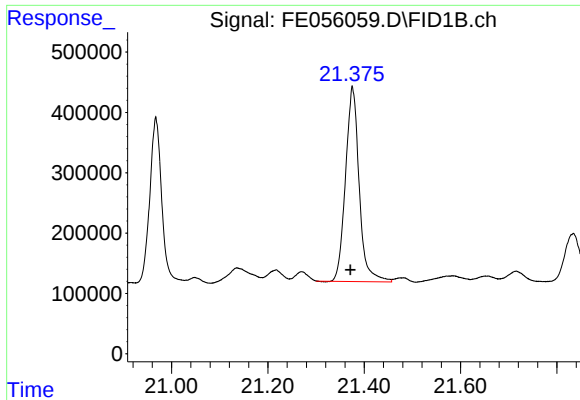
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: 0.008 min
Response: 12772976
Conc: 90.30 ug/ml



#20 n-Hexatriacontane (C36)

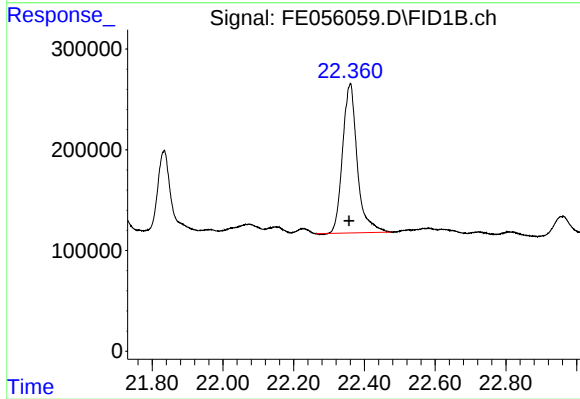
R.T.: 20.601 min
Delta R.T.: 0.005 min
Response: 9719522
Conc: 75.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.376 min
Delta R.T.: 0.004 min
Response: 6381742
Conc: 48.59 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.360 min
Delta R.T.: 0.003 min
Response: 4259901
Conc: 35.81 ug/ml