

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120225AL\
 Data File : FE057118.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2025 07:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 02 10:18:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.943	4978370	22.686 ug/ml
Spiked Amount 50.000		Recovery =	45.37%
12) S 1-chlorooctadecane (S...	13.380	3753525	22.554 ug/ml
Spiked Amount 50.000		Recovery =	45.11%
Target Compounds			
1) T n-Nonane (C9)	3.299	4539027	23.204 ug/ml
2) T n-Decane (C10)	4.552	4649786	22.989 ug/ml
3) T A~Naphthalene (C11.7)	6.269	4706304	23.376 ug/ml
4) T n-Dodecane (C12)	6.725	4694289	23.000 ug/ml
5) T A~2-methylnaphthalene...	7.369	4438928	23.101 ug/ml
6) T n-Tetradecane (C14)	8.559	4613202	22.919 ug/ml
7) T n-Hexadecane (C16)	10.172	4673342	22.788 ug/ml
8) T n-Octadecane (C18)	11.619	4673597	22.675 ug/ml
10) T n-Eicosane (C20)	12.932	4424397	22.492 ug/ml
11) T n-Heneicosane (C21)	13.546	4316273	22.466 ug/ml
13) T n-Docosane (C22)	14.135	4271621	22.128 ug/ml
14) T n-Tetracosane (C24)	15.241	4216007	21.287 ug/ml
15) T n-Hexacosane (C26)	16.265	4154697	20.942 ug/ml
16) T n-Octacosane (C28)	17.217	4105447	19.978 ug/ml
17) T n-Tricontane (C30)	18.107	4199849	18.714 ug/ml
18) T n-Dotriacontane (C32)	18.942	4117574	17.639 ug/ml
19) T n-Tetratriacontane (C34)	19.728	3893670	18.230 ug/ml
20) T n-Hexatriacontane (C36)	20.469	3606478	19.376 ug/ml
21) T n-Octatriacontane (C38)	21.217	3616235	20.866 ug/ml
22) T n-Tetracontane (C40)	22.151	3659738	21.718 ug/ml

(f)=RT Delta > 1/2 Window

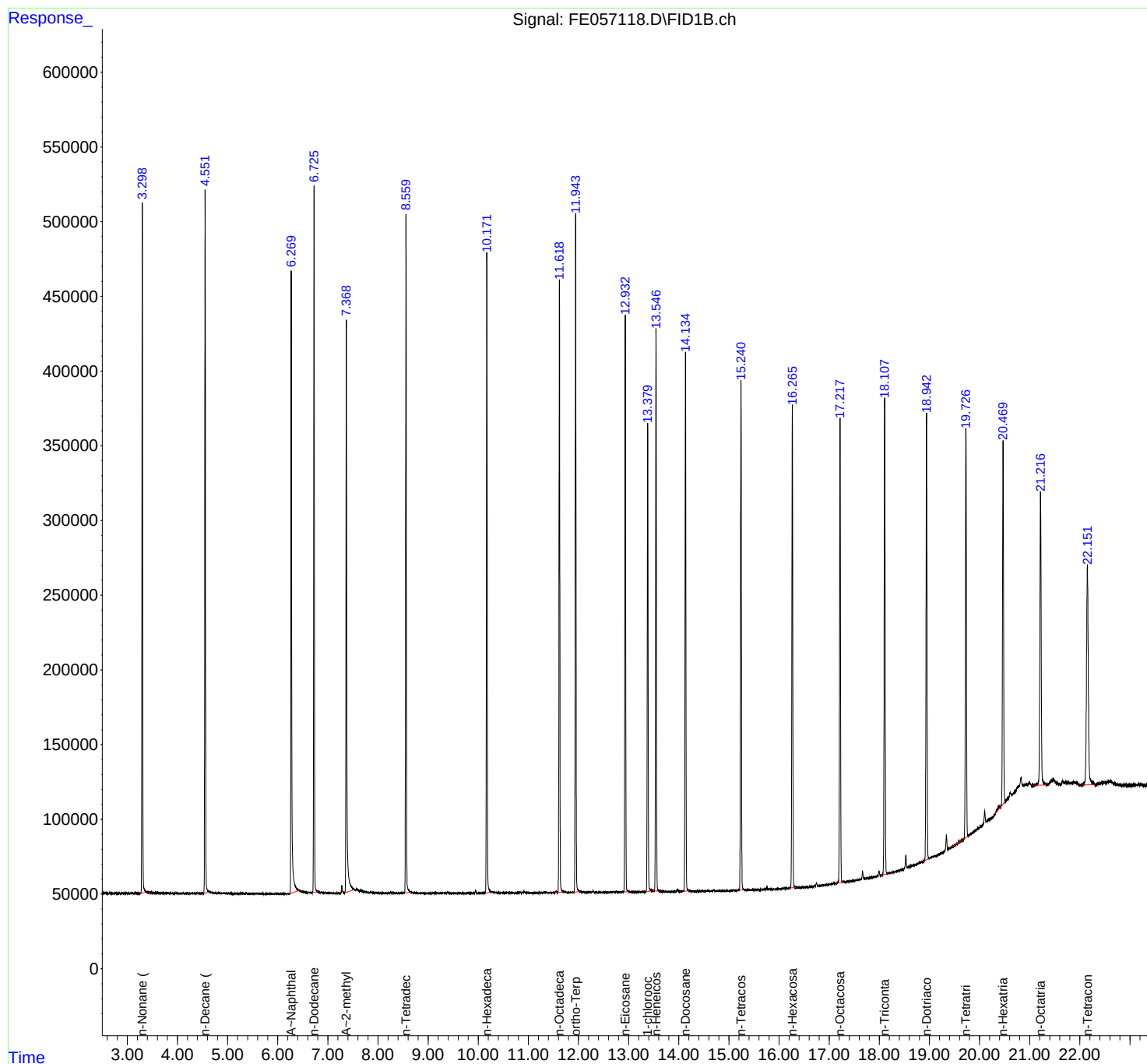
(m)=manual int.

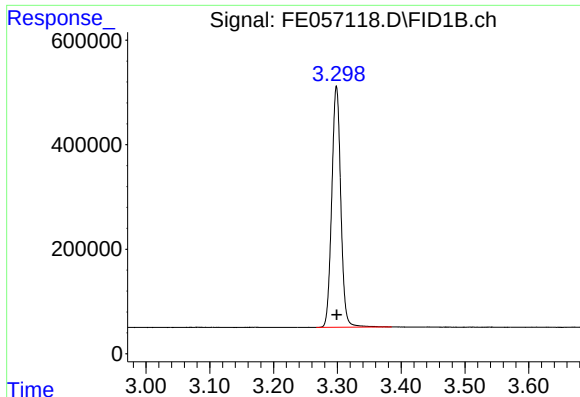
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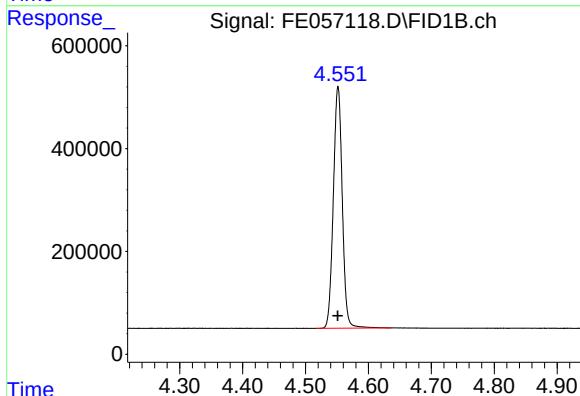




#1 n-Nonane (C9)

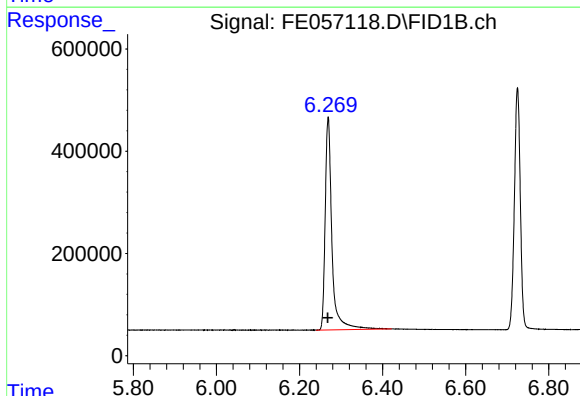
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 4539027
Conc: 23.20 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



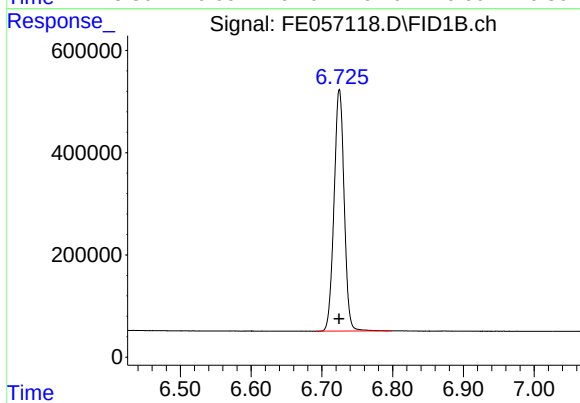
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 4649786
Conc: 22.99 ug/ml



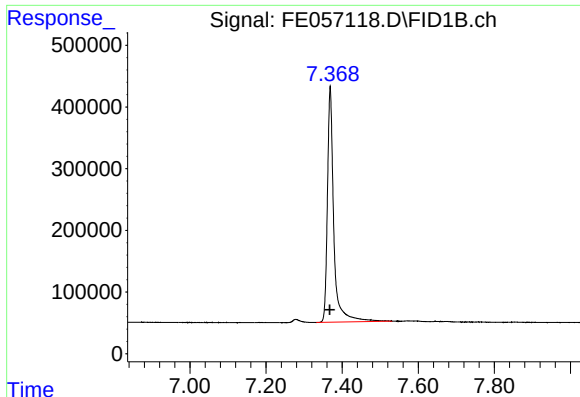
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.001 min
Response: 4706304
Conc: 23.38 ug/ml



#4 n-Dodecane (C12)

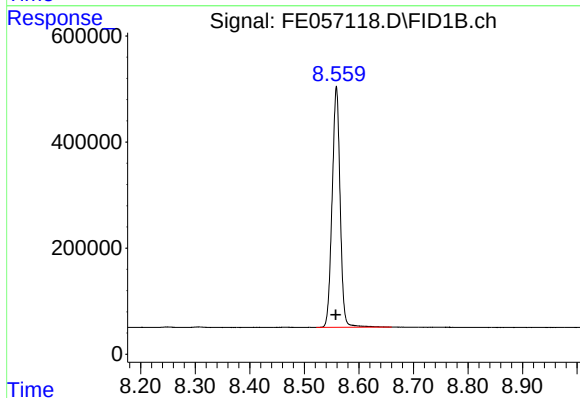
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 4694289
Conc: 23.00 ug/ml



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

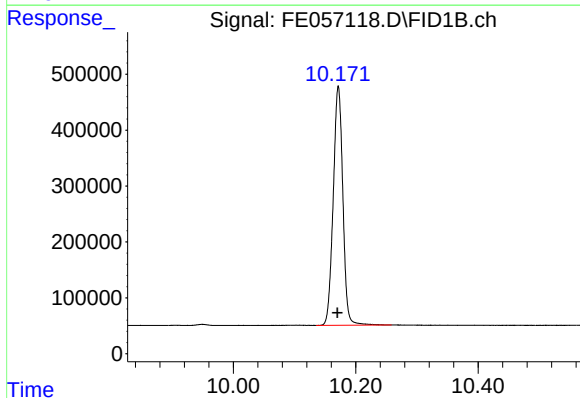
R.T.: 7.369 min
Delta R.T.: 0.001 min
Response: 4438928
Conc: 23.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



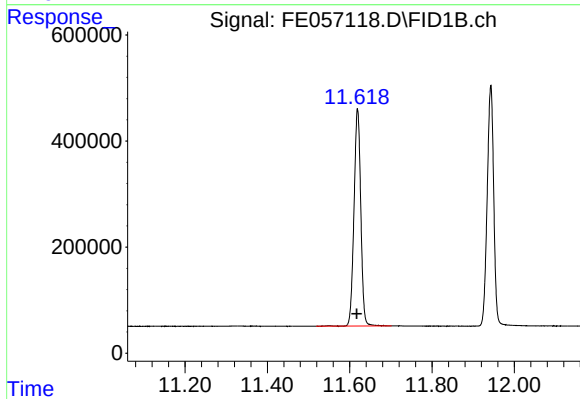
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.001 min
Response: 4613202
Conc: 22.92 ug/ml



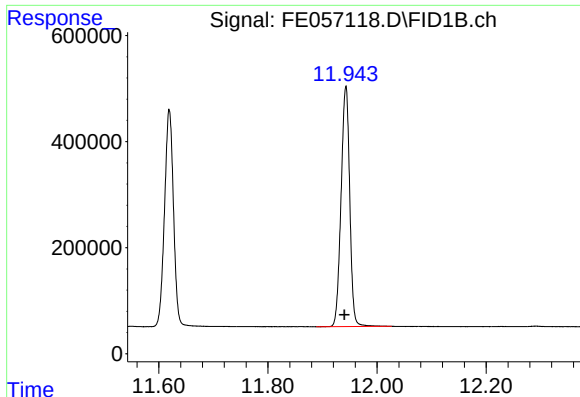
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.002 min
Response: 4673342
Conc: 22.79 ug/ml



#8 n-Octadecane (C18)

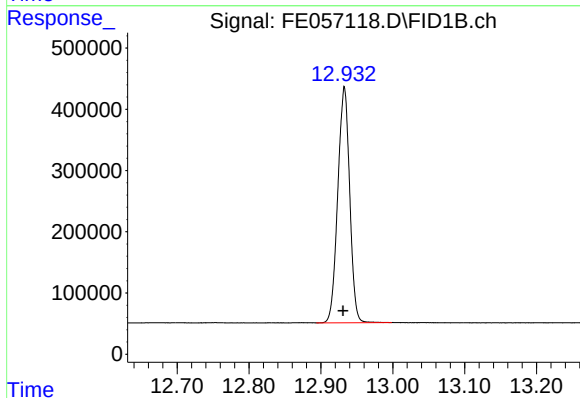
R.T.: 11.619 min
Delta R.T.: 0.002 min
Response: 4673597
Conc: 22.67 ug/ml



#9 ortho-Terphenyl (SURR)

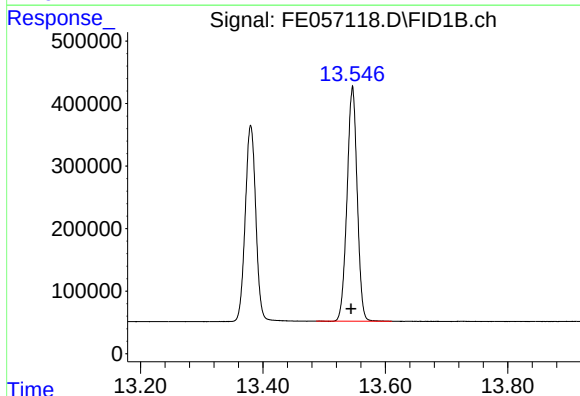
R.T.: 11.943 min
Delta R.T.: 0.003 min
Response: 4978370
Conc: 22.69 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



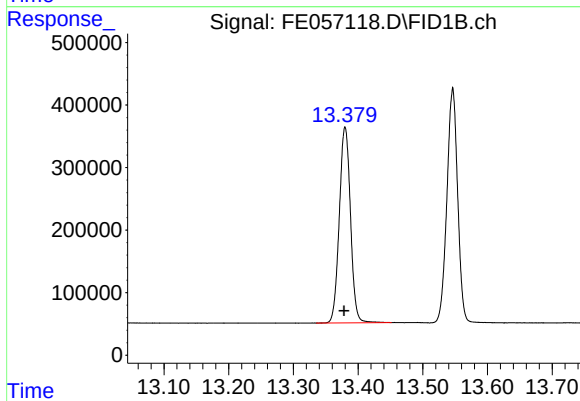
#10 n-Eicosane (C20)

R.T.: 12.932 min
Delta R.T.: 0.002 min
Response: 4424397
Conc: 22.49 ug/ml



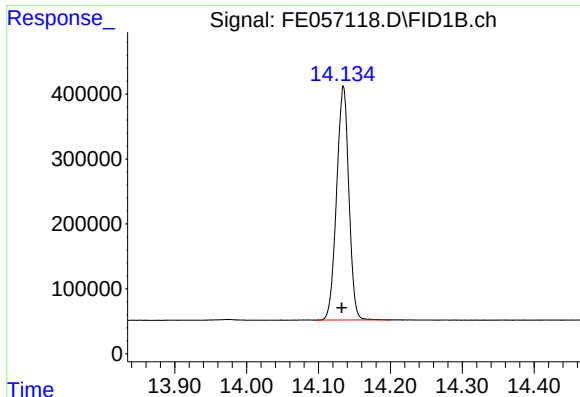
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: 0.002 min
Response: 4316273
Conc: 22.47 ug/ml



#12 1-chlorooctadecane (SURR)

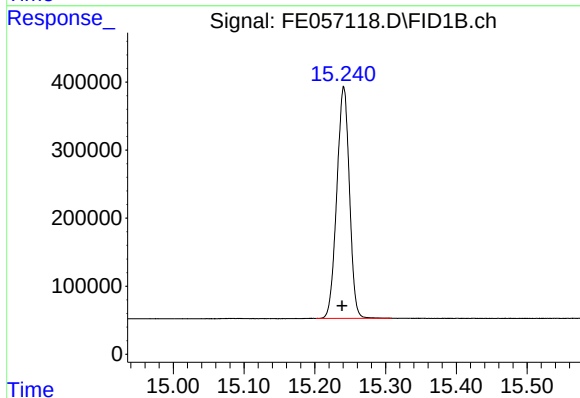
R.T.: 13.380 min
Delta R.T.: 0.002 min
Response: 3753525
Conc: 22.55 ug/ml



#13 n-Docosane (C22)

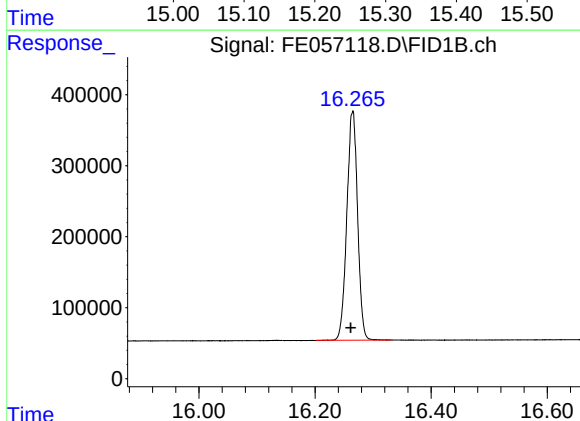
R.T.: 14.135 min
Delta R.T.: 0.002 min
Response: 4271621
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



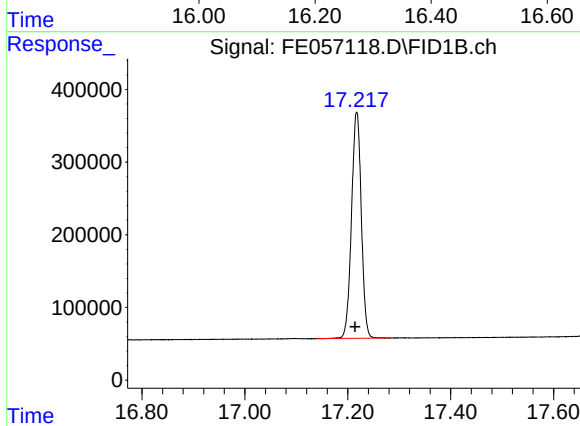
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.002 min
Response: 4216007
Conc: 21.29 ug/ml



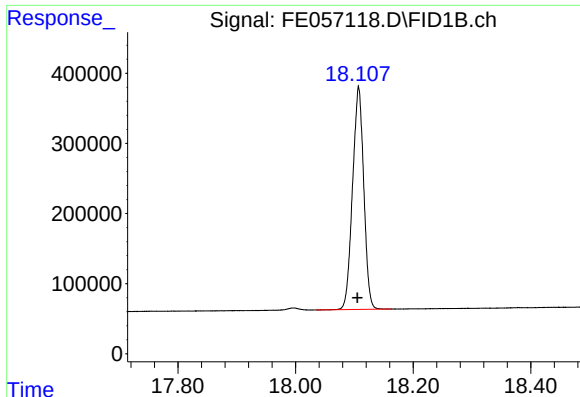
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.003 min
Response: 4154697
Conc: 20.94 ug/ml



#16 n-Octacosane (C28)

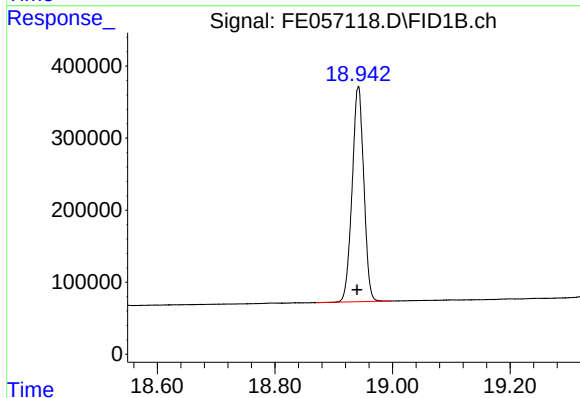
R.T.: 17.217 min
Delta R.T.: 0.003 min
Response: 4105447
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

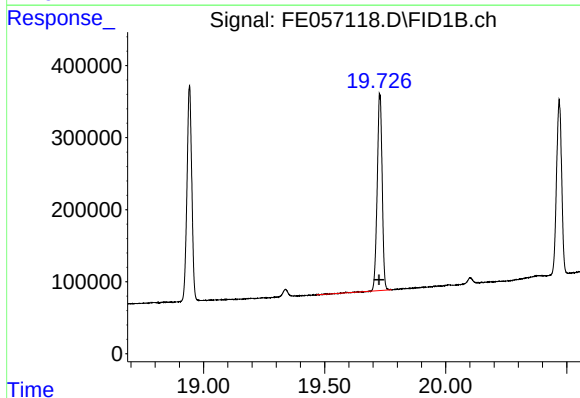
R.T.: 18.107 min
Delta R.T.: 0.002 min
Response: 4199849
Conc: 18.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



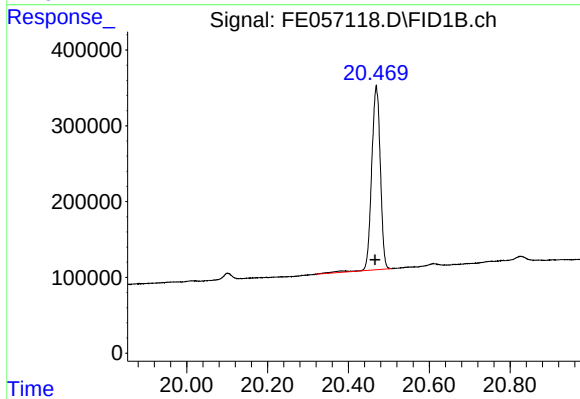
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.002 min
Response: 4117574
Conc: 17.64 ug/ml



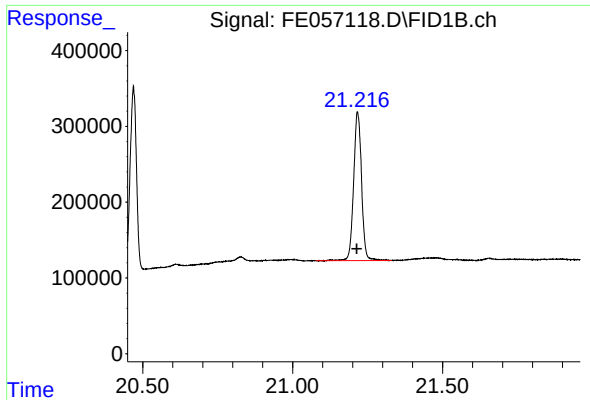
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.003 min
Response: 3893670
Conc: 18.23 ug/ml



#20 n-Hexatriacontane (C36)

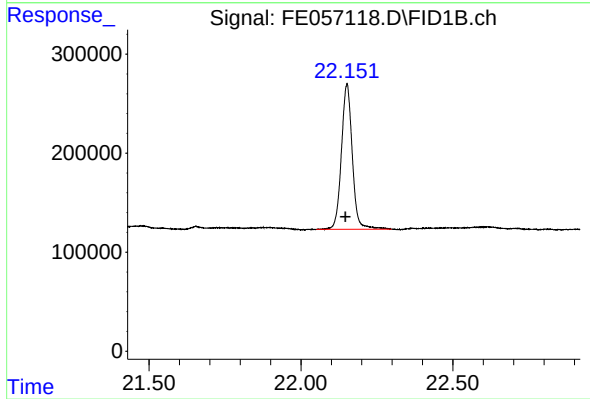
R.T.: 20.469 min
Delta R.T.: 0.003 min
Response: 3606478
Conc: 19.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.003 min
Response: 3616235
Conc: 20.87 ug/ml

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FID_E
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 3659738
Conc: 21.72 ug/ml