

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072625AL\
 Data File : FE055032.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2025 20:19
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Jul 26 03:48:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:46:03 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)	12.097	14135752	98.714 ug/ml
Spiked Amount 50.000		Recovery =	197.43%
12) S 1-chlorooctadecane (S...	13.530	10740467	99.149 ug/ml
Spiked Amount 50.000		Recovery =	198.30%
Target Compounds			
1) T n-Nonane (C9)	3.428	11510228	98.379 ug/ml
2) T n-Decane (C10)	4.687	11769921	98.454 ug/ml
3) T A~Naphthalene (C11.7)	6.408	13577276	98.341 ug/ml
4) T n-Dodecane (C12)	6.864	12103575	98.706 ug/ml
5) T A~2-methylnaphthalene...	7.511	13293703	99.239 ug/ml
6) T n-Tetradecane (C14)	8.702	12295593	97.420 ug/ml
7) T n-Hexadecane (C16)	10.317	12808623	98.429 ug/ml
8) T n-Octadecane (C18)	11.768	12935722	98.390 ug/ml
10) T n-Eicosane (C20)	13.082	12366561	98.482 ug/ml
11) T n-Heneicosane (C21)	13.697	12124868	98.710 ug/ml
13) T n-Docosane (C22)	14.285	12016103	98.598 ug/ml
14) T n-Tetracosane (C24)	15.392	11905699	98.360 ug/ml
15) T n-Hexacosane (C26)	16.416	11717679	98.180 ug/ml
16) T n-Octacosane (C28)	17.367	11532867	96.828 ug/ml
17) T n-Tricontane (C30)	18.257	11778084	94.097 ug/ml
18) T n-Dotriacontane (C32)	19.093	11564377	92.645 ug/ml
19) T n-Tetratriacontane (C34)	19.878	11138630	93.797 ug/ml
20) T n-Hexatriacontane (C36)	20.619	10487790	94.555 ug/ml
21) T n-Octatriacontane (C38)	21.404	10292102	96.300 ug/ml
22) T n-Tetracontane (C40)	22.400	10249080	95.561 ug/ml

(f)=RT Delta > 1/2 Window

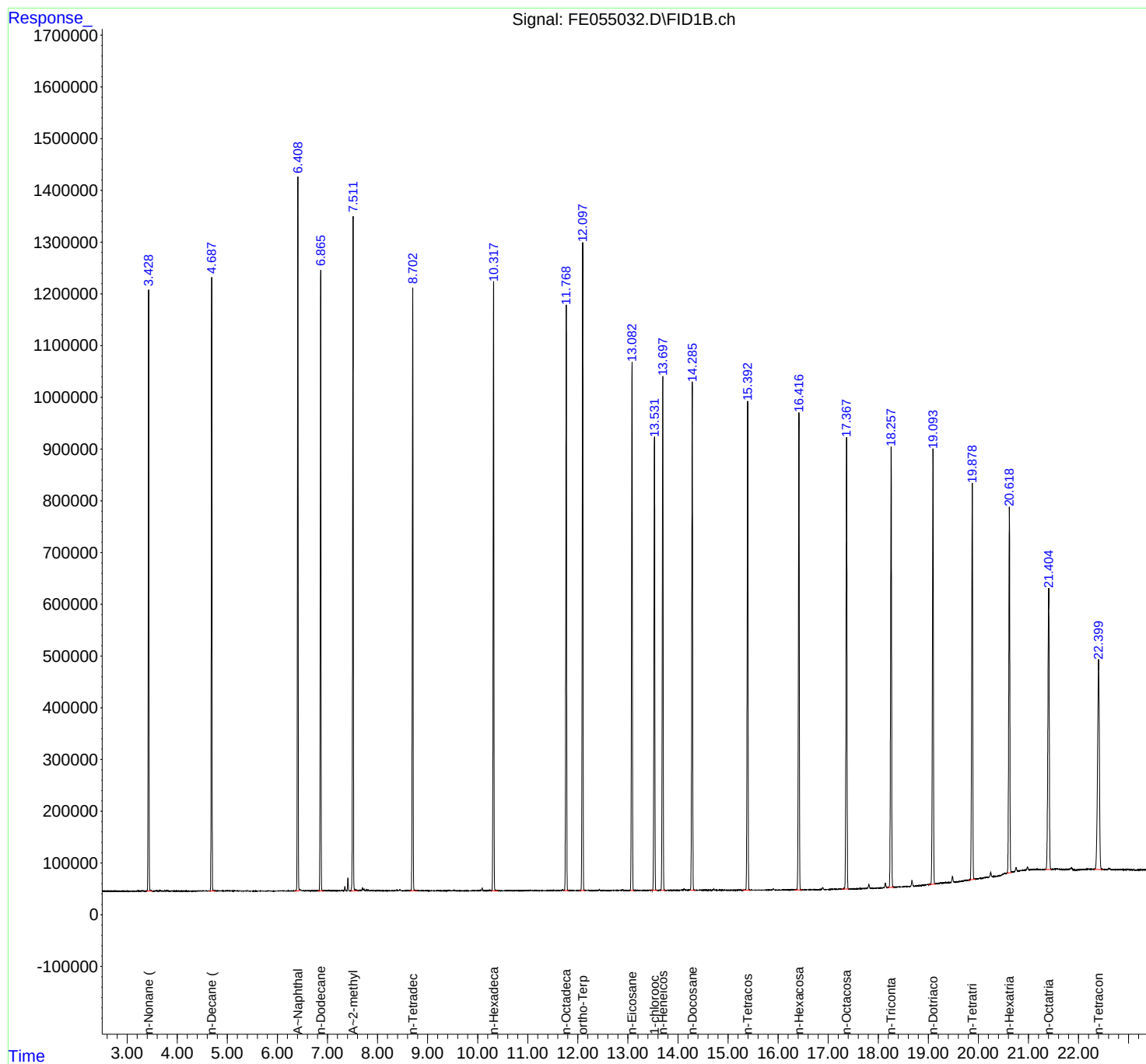
(m)=manual int.

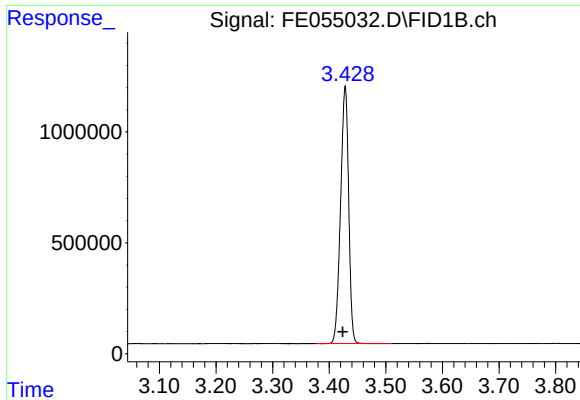
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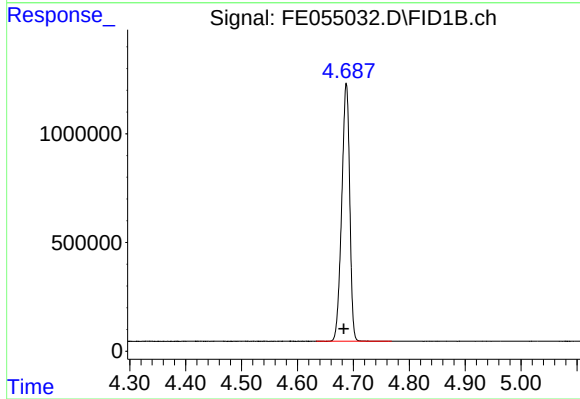




#1 n-Nonane (C9)

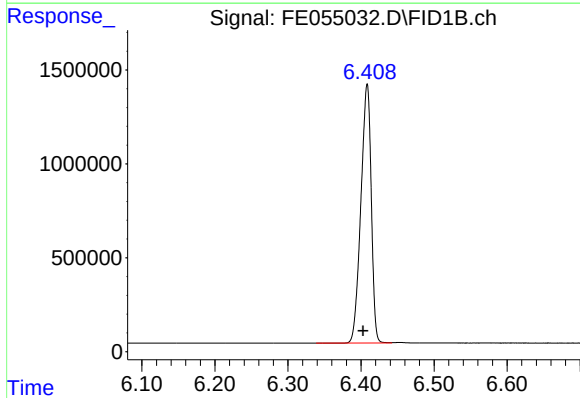
R.T.: 3.428 min
Delta R.T.: 0.004 min
Response: 11510228
Conc: 98.38 ug/ml

Instrument :
FID_E
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100 PPM ALIPHATIC HC STD1



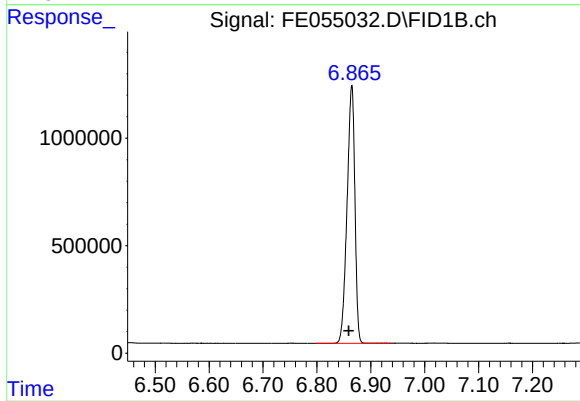
#2 n-Decane (C10)

R.T.: 4.687 min
Delta R.T.: 0.004 min
Response: 11769921
Conc: 98.45 ug/ml



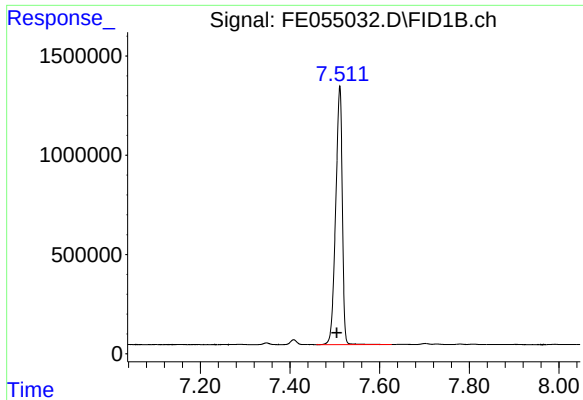
#3 A~Naphthalene (C11.7)

R.T.: 6.408 min
Delta R.T.: 0.005 min
Response: 13577276
Conc: 98.34 ug/ml



#4 n-Dodecane (C12)

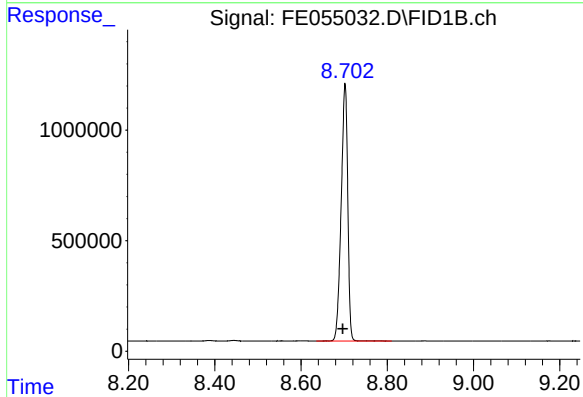
R.T.: 6.864 min
Delta R.T.: 0.005 min
Response: 12103575
Conc: 98.71 ug/ml



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

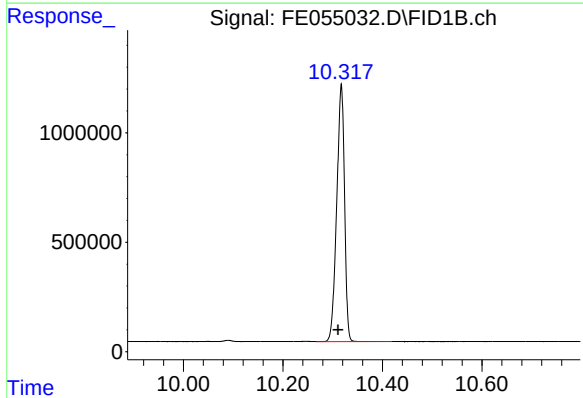
R.T.: 7.511 min
Delta R.T.: 0.007 min
Response: 13293703
Conc: 99.24 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



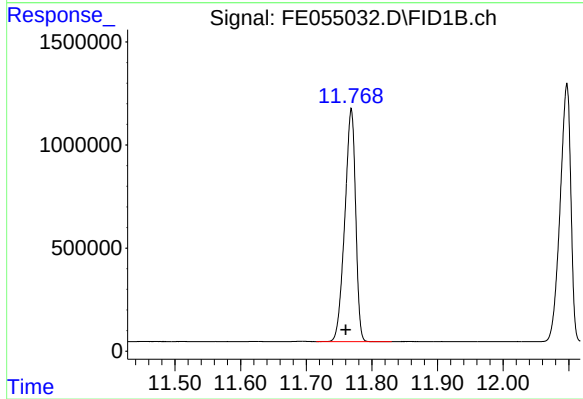
#6 n-Tetradecane (C14)

R.T.: 8.702 min
Delta R.T.: 0.005 min
Response: 12295593
Conc: 97.42 ug/ml



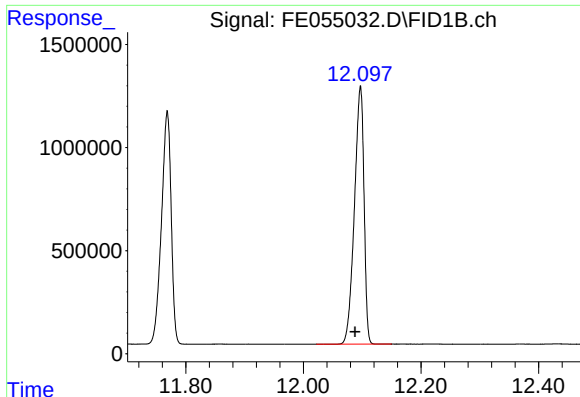
#7 n-Hexadecane (C16)

R.T.: 10.317 min
Delta R.T.: 0.006 min
Response: 12808623
Conc: 98.43 ug/ml



#8 n-Octadecane (C18)

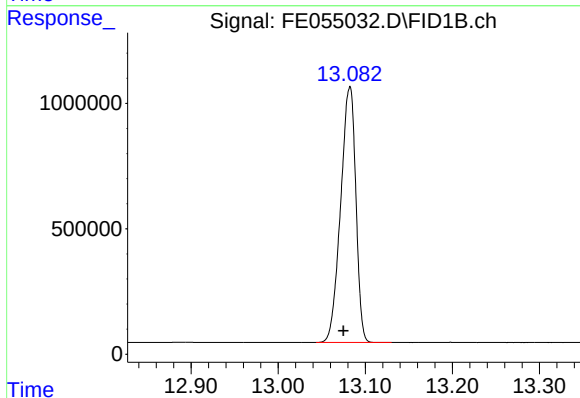
R.T.: 11.768 min
Delta R.T.: 0.008 min
Response: 12935722
Conc: 98.39 ug/ml



#9 ortho-Terphenyl (SURR)

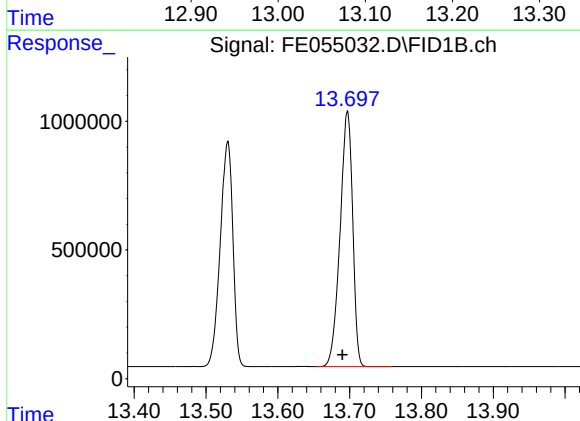
R.T.: 12.097 min
Delta R.T.: 0.009 min
Response: 14135752
Conc: 98.71 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



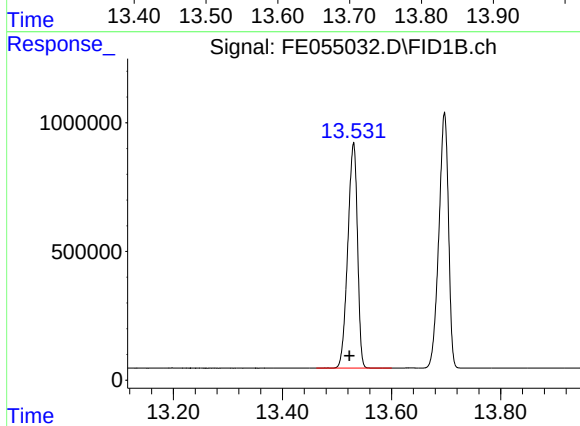
#10 n-Eicosane (C20)

R.T.: 13.082 min
Delta R.T.: 0.007 min
Response: 12366561
Conc: 98.48 ug/ml



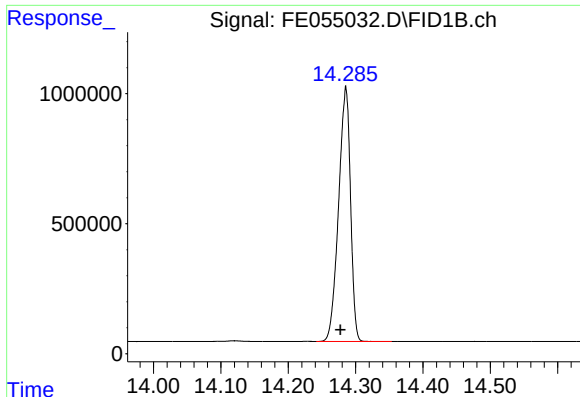
#11 n-Heneicosane (C21)

R.T.: 13.697 min
Delta R.T.: 0.007 min
Response: 12124868
Conc: 98.71 ug/ml



#12 1-chlorooctadecane (SURR)

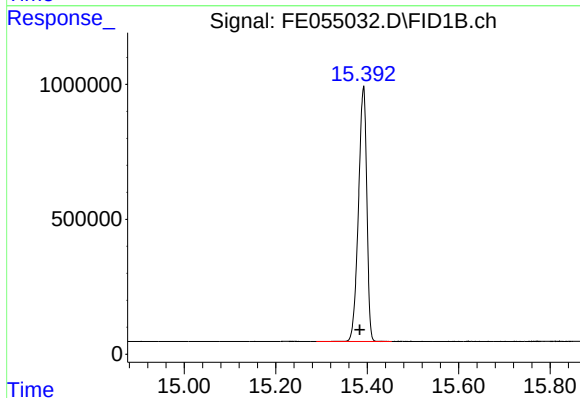
R.T.: 13.530 min
Delta R.T.: 0.007 min
Response: 10740467
Conc: 99.15 ug/ml



#13 n-Docosane (C22)

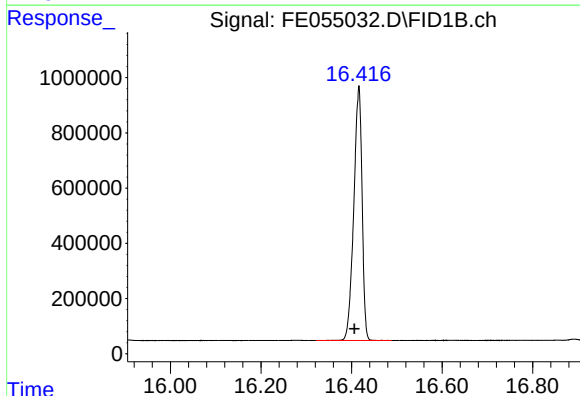
R.T.: 14.285 min
Delta R.T.: 0.008 min
Response: 12016103
Conc: 98.60 ug/ml

Instrument :
FID_E
ClientSampleId :
100 PPM ALIPHATIC HC STD1



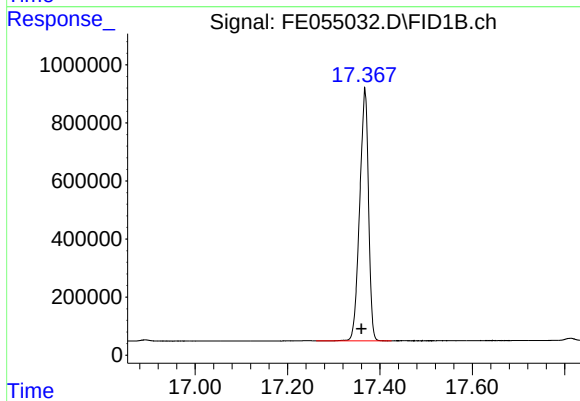
#14 n-Tetracosane (C24)

R.T.: 15.392 min
Delta R.T.: 0.008 min
Response: 11905699
Conc: 98.36 ug/ml



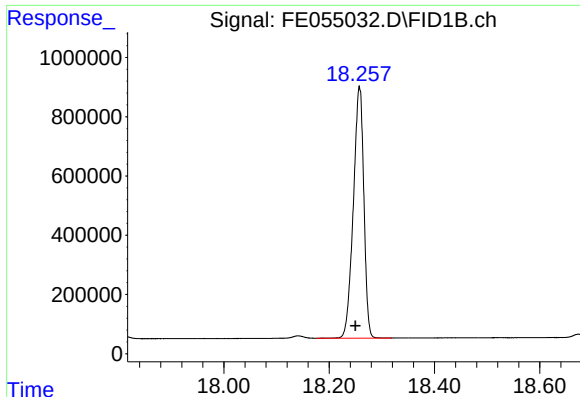
#15 n-Hexacosane (C26)

R.T.: 16.416 min
Delta R.T.: 0.009 min
Response: 11717679
Conc: 98.18 ug/ml



#16 n-Octacosane (C28)

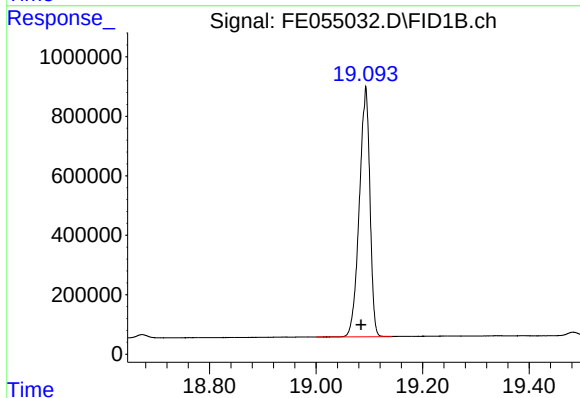
R.T.: 17.367 min
Delta R.T.: 0.007 min
Response: 11532867
Conc: 96.83 ug/ml



#17 n-Tricontane (C30)

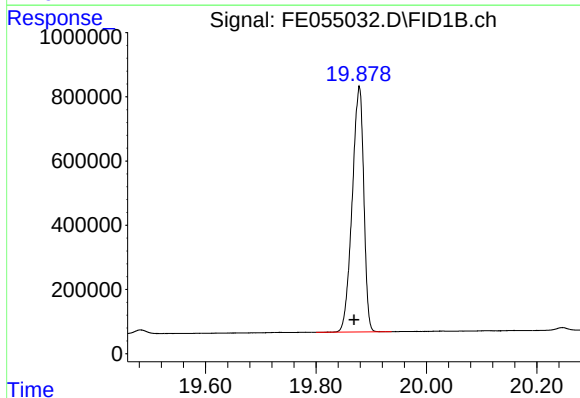
R.T.: 18.257 min
Delta R.T.: 0.008 min
Response: 11778084
Conc: 94.10 ug/ml

Instrument :
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100 PPM ALIPHATIC HC STD1



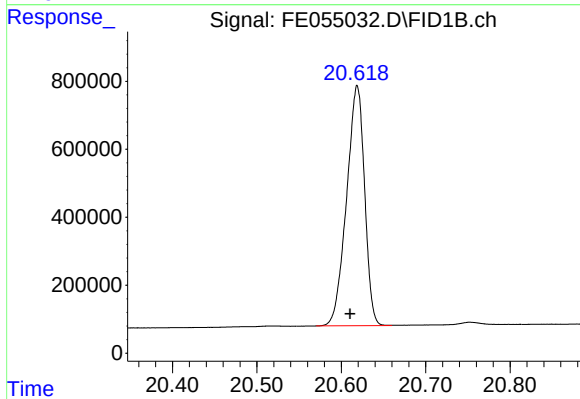
#18 n-Dotriacontane (C32)

R.T.: 19.093 min
Delta R.T.: 0.008 min
Response: 11564377
Conc: 92.64 ug/ml



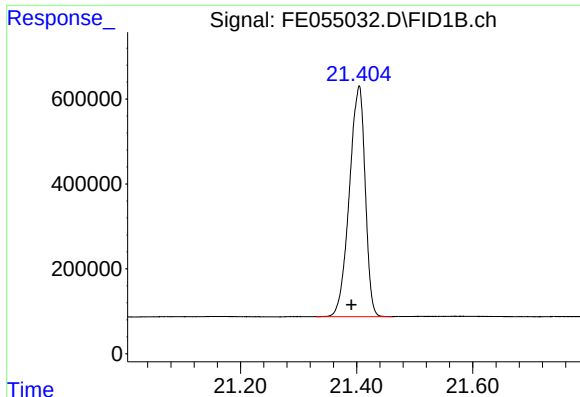
#19 n-Tetratriacontane (C34)

R.T.: 19.878 min
Delta R.T.: 0.009 min
Response: 11138630
Conc: 93.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.619 min
Delta R.T.: 0.008 min
Response: 10487790
Conc: 94.56 ug/ml



#21 n-Octatriacontane (C38)

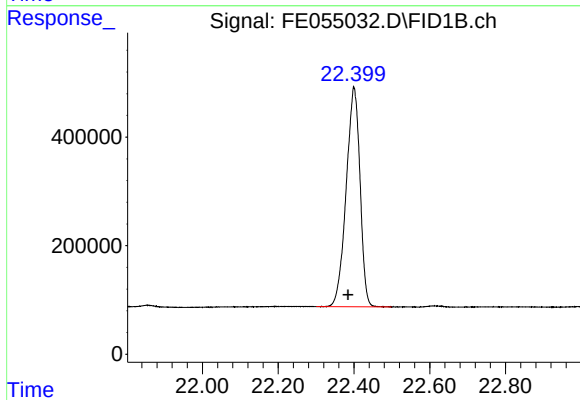
R.T.: 21.404 min
Delta R.T.: 0.013 min
Response: 10292102
Conc: 96.30 ug/ml

Instrument :

FID_E

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.400 min
Delta R.T.: 0.016 min
Response: 10249080
Conc: 95.56 ug/ml