

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101425AL\
 Data File : FE056322.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2025 12:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 14 14:12:14 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)	12.064	4004228	21.339 ug/ml
Spiked Amount 50.000		Recovery =	42.68%
12) S 1-chlorooctadecane (S...	13.500	2862267	20.508 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
Target Compounds			
1) T n-Nonane (C9)	3.403	2287062	16.695 ug/ml
2) T n-Decane (C10)	4.663	2509643	17.982 ug/ml
3) T A~Naphthalene (C11.7)	6.383	3176036	19.892 ug/ml
4) T n-Dodecane (C12)	6.838	2806661	19.555 ug/ml
5) T A~2-methylnaphthalene...	7.483	3186235	20.488 ug/ml
6) T n-Tetradecane (C14)	8.674	3089564	20.897 ug/ml
7) T n-Hexadecane (C16)	10.288	3500674	22.030 ug/ml
8) T n-Octadecane (C18)	11.737	3714781	21.931 ug/ml
10) T n-Eicosane (C20)	13.052	3579749	21.595 ug/ml
11) T n-Heneicosane (C21)	13.666	3468716	21.347 ug/ml
13) T n-Docosane (C22)	14.254	3377625	21.138 ug/ml
14) T n-Tetracosane (C24)	15.360	3241025	21.269 ug/ml
15) T n-Hexacosane (C26)	16.384	3024236	21.203 ug/ml
16) T n-Octacosane (C28)	17.336	2979856	21.391 ug/ml
17) T n-Tricontane (C30)	18.226	3213788	21.688 ug/ml
18) T n-Dotriacontane (C32)	19.060	3372313	22.603 ug/ml
19) T n-Tetratriacontane (C34)	19.846	3204523	22.655 ug/ml
20) T n-Hexatriacontane (C36)	20.587	2801330	21.822 ug/ml
21) T n-Octatriacontane (C38)	21.359	2555037	19.453 ug/ml
22) T n-Tetracontane (C40)	22.338	2168816	18.230 ug/ml

(f)=RT Delta > 1/2 Window

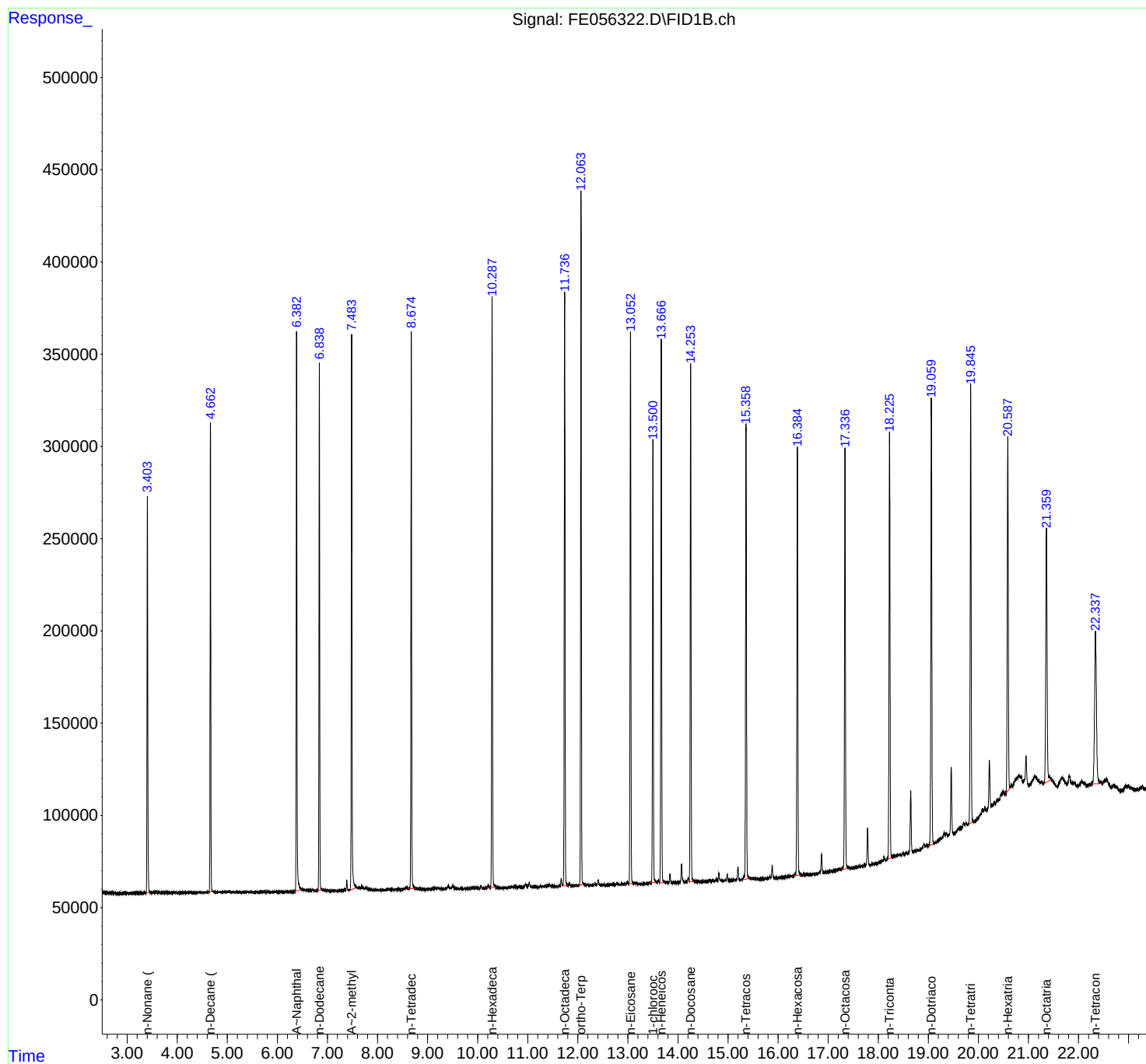
(m)=manual int.

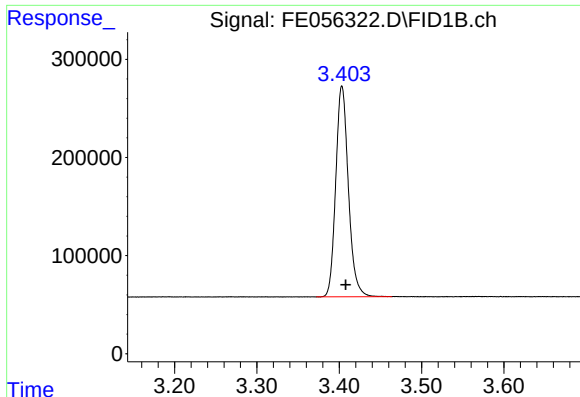
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101425AL\
Data File : FE056322.D
Signal(s) : FID1B.ch
Acq On : 14 Oct 2025 12:44
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Oct 14 14:12:14 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

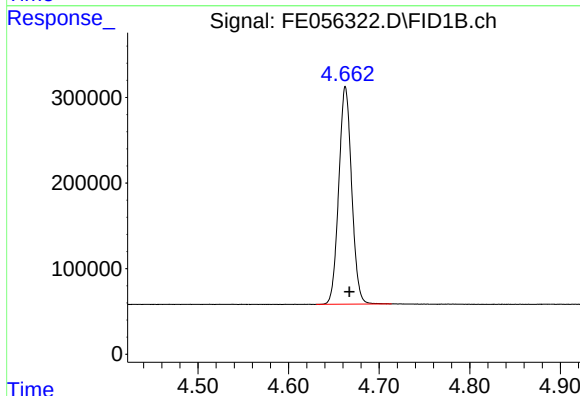




#1 n-Nonane (C9)

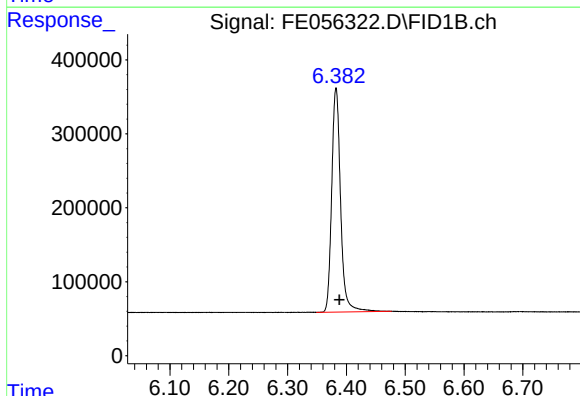
R.T.: 3.403 min
Delta R.T.: -0.005 min
Response: 2287062
Conc: 16.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



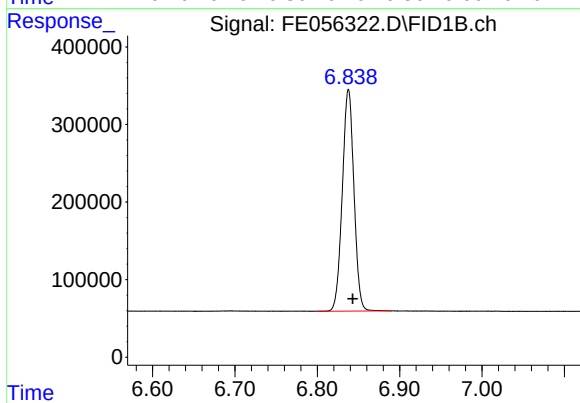
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.005 min
Response: 2509643
Conc: 17.98 ug/ml



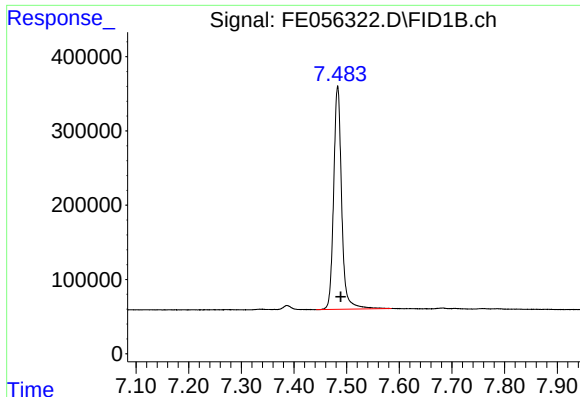
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 3176036
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

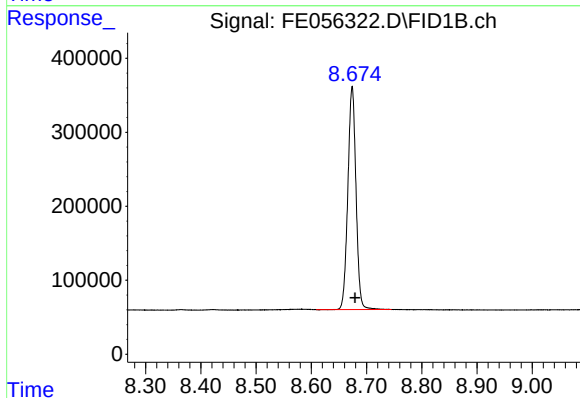
R.T.: 6.838 min
Delta R.T.: -0.005 min
Response: 2806661
Conc: 19.55 ug/ml



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

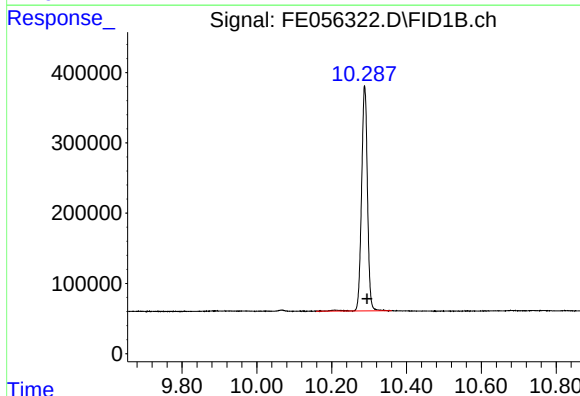
R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 3186235
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



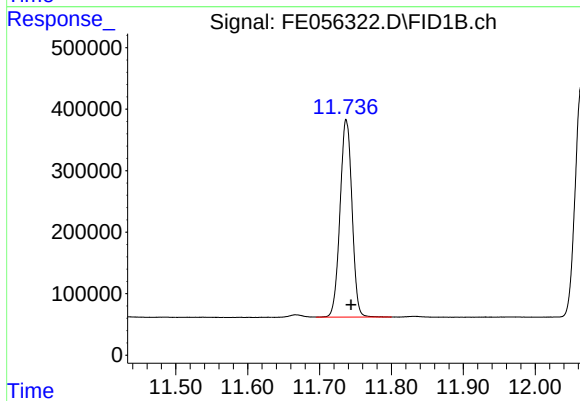
#6 n-Tetradecane (C14)

R.T.: 8.674 min
Delta R.T.: -0.005 min
Response: 3089564
Conc: 20.90 ug/ml



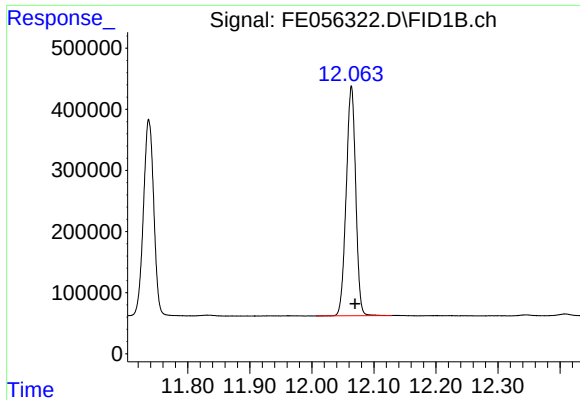
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.006 min
Response: 3500674
Conc: 22.03 ug/ml



#8 n-Octadecane (C18)

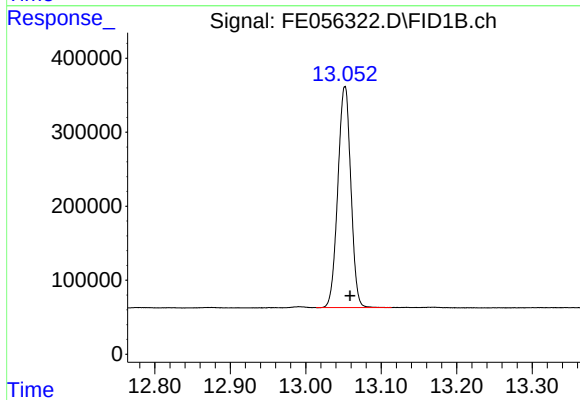
R.T.: 11.737 min
Delta R.T.: -0.007 min
Response: 3714781
Conc: 21.93 ug/ml



#9 ortho-Terphenyl (SURR)

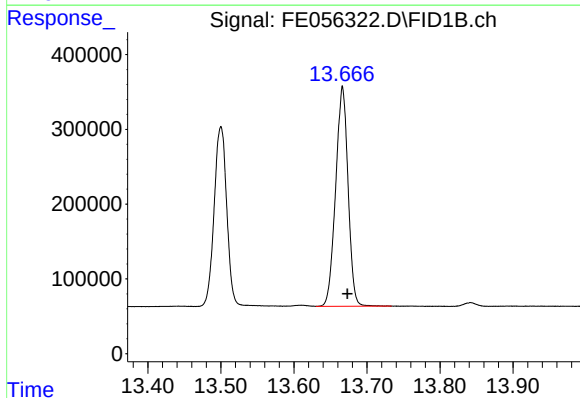
R.T.: 12.064 min
Delta R.T.: -0.006 min
Response: 4004228
Conc: 21.34 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



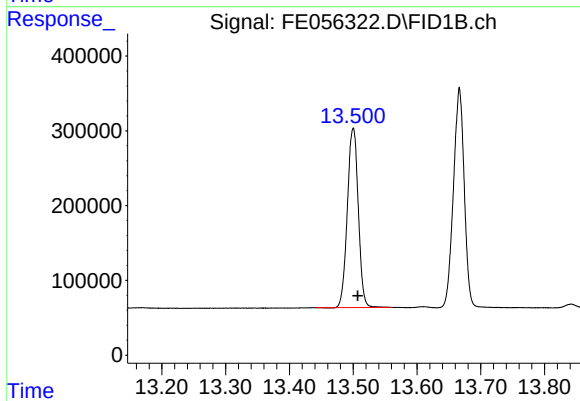
#10 n-Eicosane (C20)

R.T.: 13.052 min
Delta R.T.: -0.007 min
Response: 3579749
Conc: 21.60 ug/ml



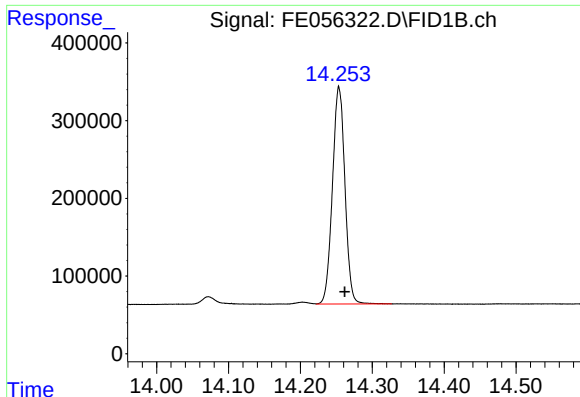
#11 n-Heneicosane (C21)

R.T.: 13.666 min
Delta R.T.: -0.007 min
Response: 3468716
Conc: 21.35 ug/ml



#12 1-chlorooctadecane (SURR)

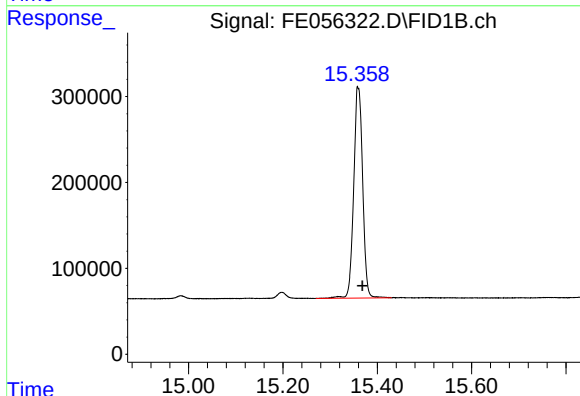
R.T.: 13.500 min
Delta R.T.: -0.007 min
Response: 2862267
Conc: 20.51 ug/ml



#13 n-Docosane (C22)

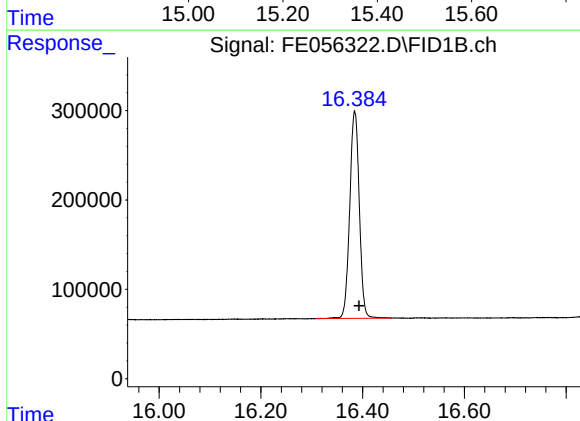
R.T.: 14.254 min
Delta R.T.: -0.008 min
Response: 3377625
Conc: 21.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



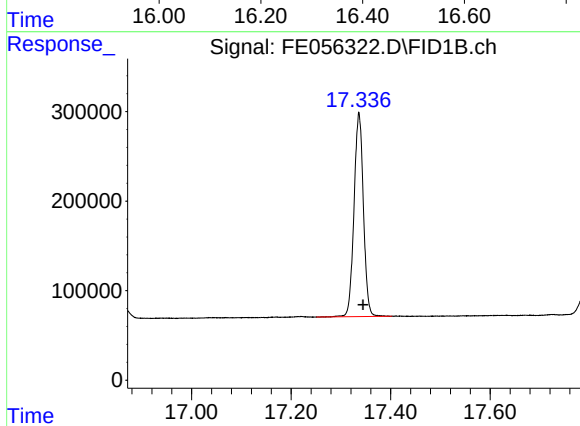
#14 n-Tetracosane (C24)

R.T.: 15.360 min
Delta R.T.: -0.009 min
Response: 3241025
Conc: 21.27 ug/ml



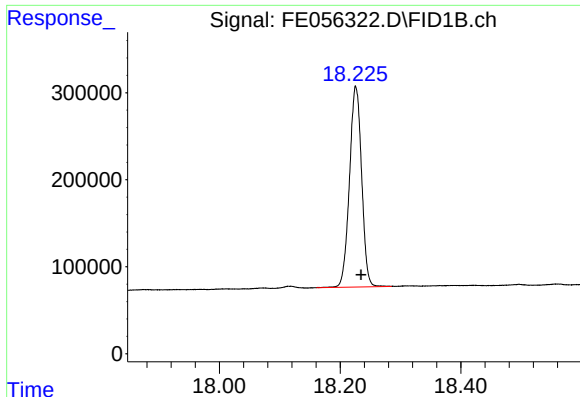
#15 n-Hexacosane (C26)

R.T.: 16.384 min
Delta R.T.: -0.008 min
Response: 3024236
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

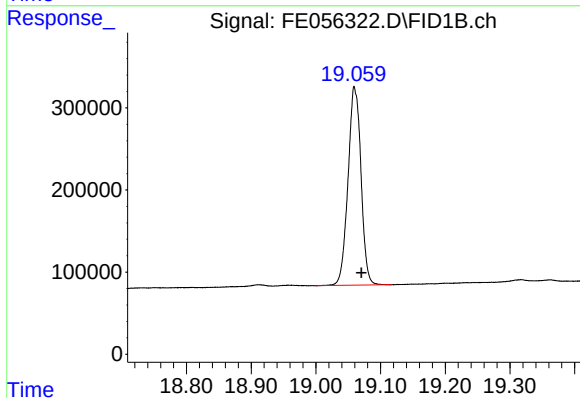
R.T.: 17.336 min
Delta R.T.: -0.008 min
Response: 2979856
Conc: 21.39 ug/ml



#17 n-Tricontane (C30)

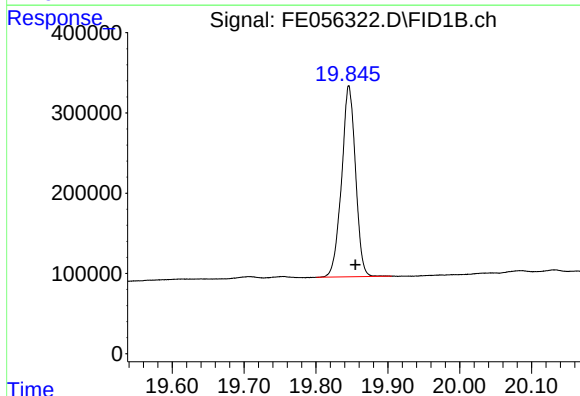
R.T.: 18.226 min
Delta R.T.: -0.009 min
Response: 3213788
Conc: 21.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



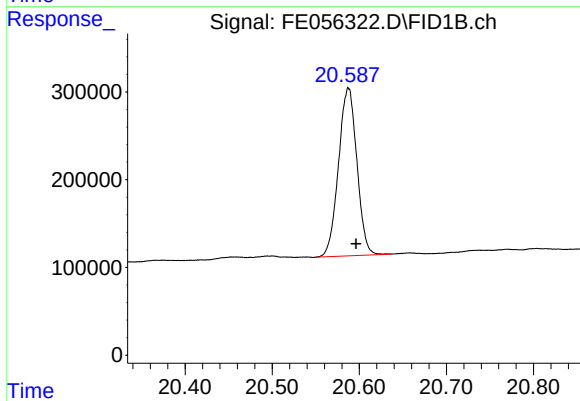
#18 n-Dotriacontane (C32)

R.T.: 19.060 min
Delta R.T.: -0.010 min
Response: 3372313
Conc: 22.60 ug/ml



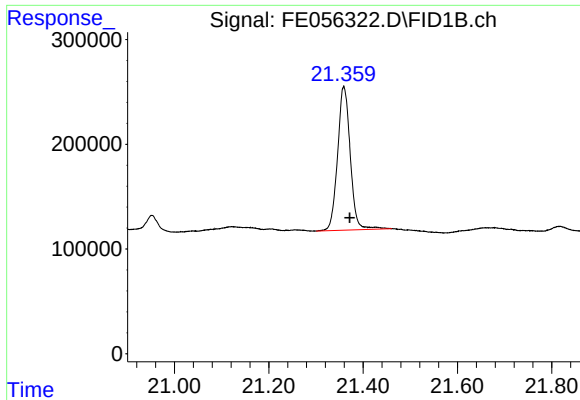
#19 n-Tetratriacontane (C34)

R.T.: 19.846 min
Delta R.T.: -0.009 min
Response: 3204523
Conc: 22.65 ug/ml



#20 n-Hexatriacontane (C36)

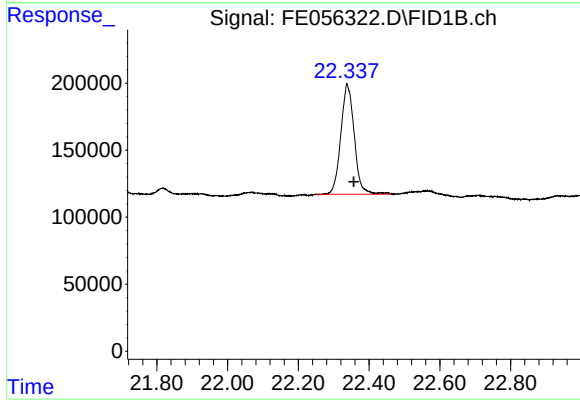
R.T.: 20.587 min
Delta R.T.: -0.009 min
Response: 2801330
Conc: 21.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.359 min
Delta R.T.: -0.012 min
Response: 2555037
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.338 min
Delta R.T.: -0.018 min
Response: 2168816
Conc: 18.23 ug/ml