

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100225AL\
 Data File : FE056160.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2025 22:06
 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 03 01:02:12 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)	12.067	4148061	22.105 ug/ml
Spiked Amount 50.000		Recovery =	44.21%
12) S 1-chlorooctadecane (S...	13.503	3082689	22.088 ug/ml
Spiked Amount 50.000		Recovery =	44.18%
Target Compounds			
1) T n-Nonane (C9)	3.411	2570072	18.761 ug/ml
2) T n-Decane (C10)	4.669	2698932	19.338 ug/ml
3) T A~Naphthalene (C11.7)	6.388	3347466	20.966 ug/ml
4) T n-Dodecane (C12)	6.843	2942855	20.504 ug/ml
5) T A~2-methylnaphthalene...	7.488	3344783	21.507 ug/ml
6) T n-Tetradecane (C14)	8.679	3195481	21.614 ug/ml
7) T n-Hexadecane (C16)	10.292	3558318	22.392 ug/ml
8) T n-Octadecane (C18)	11.741	3806059	22.470 ug/ml
10) T n-Eicosane (C20)	13.055	3685983	22.236 ug/ml
11) T n-Heneicosane (C21)	13.670	3556170	21.885 ug/ml
13) T n-Docosane (C22)	14.257	3479667	21.776 ug/ml
14) T n-Tetracosane (C24)	15.363	3279666	21.523 ug/ml
15) T n-Hexacosane (C26)	16.386	3058883	21.446 ug/ml
16) T n-Octacosane (C28)	17.338	2966019	21.291 ug/ml
17) T n-Tricontane (C30)	18.227	3078863	20.778 ug/ml
18) T n-Dotriacontane (C32)	19.061	3122425	20.928 ug/ml
19) T n-Tetratriacontane (C34)	19.846	3029825	21.420 ug/ml
20) T n-Hexatriacontane (C36)	20.587	2785351	21.698 ug/ml
21) T n-Octatriacontane (C38)	21.360	2627669	20.006 ug/ml
22) T n-Tetracontane (C40)	22.339	2434221	20.461 ug/ml

(f)=RT Delta > 1/2 Window

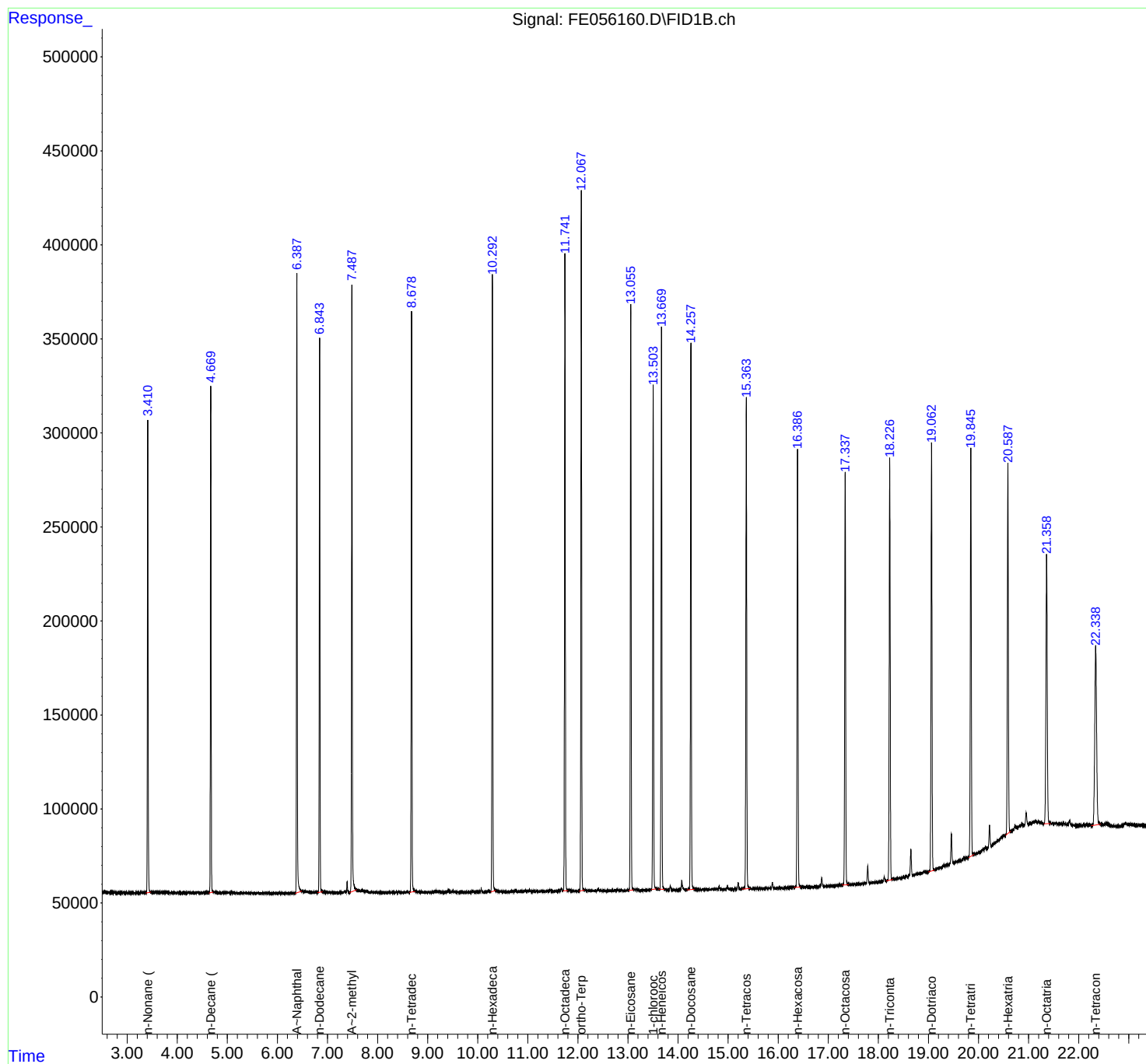
(m)=manual int.

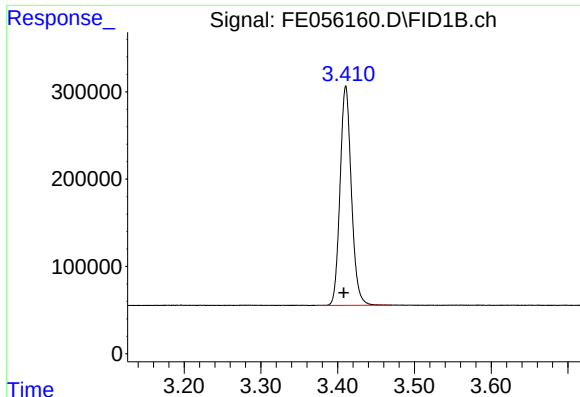
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100225AL\
Data File : FE056160.D
Signal(s) : FID1B.ch
Acq On : 02 Oct 2025 22:06
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Oct 03 01:02:12 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

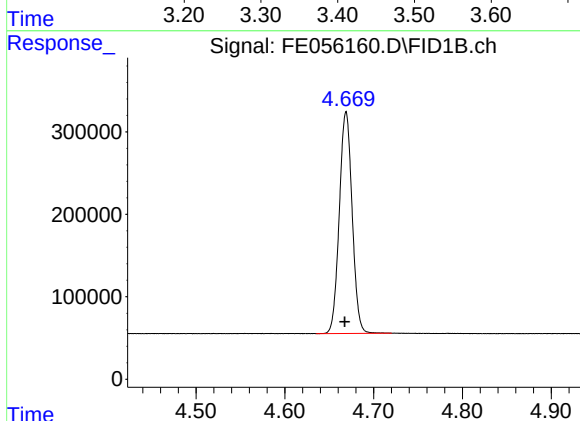




#1 n-Nonane (C9)

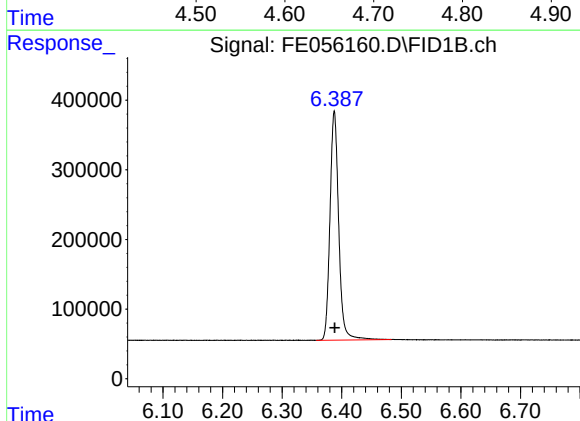
R.T.: 3.411 min
Delta R.T.: 0.003 min
Response: 2570072
Conc: 18.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



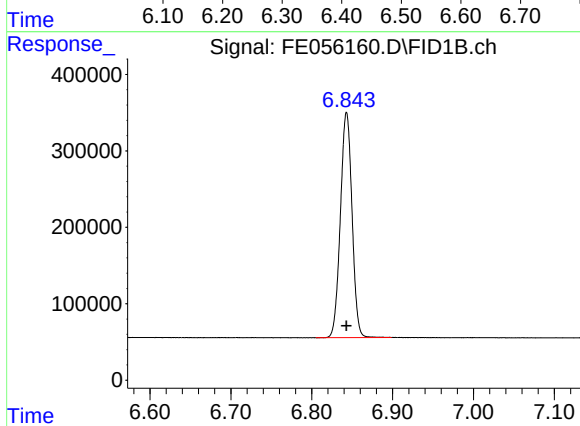
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.002 min
Response: 2698932
Conc: 19.34 ug/ml



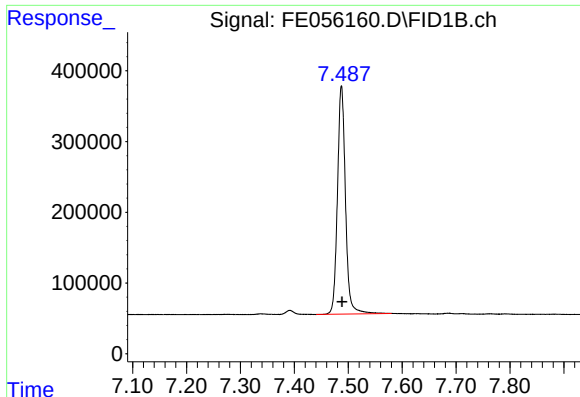
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 3347466
Conc: 20.97 ug/ml



#4 n-Dodecane (C12)

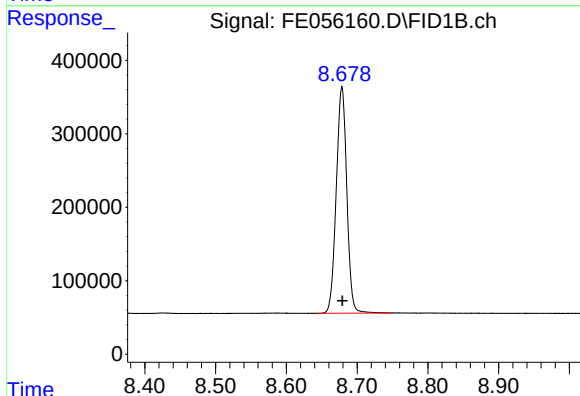
R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 2942855
Conc: 20.50 ug/ml



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

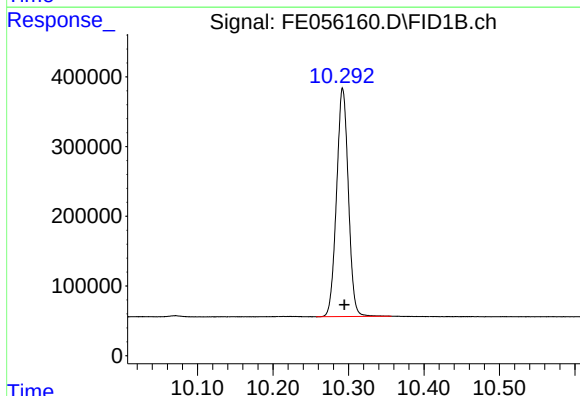
R.T.: 7.488 min
Delta R.T.: -0.001 min
Response: 3344783
Conc: 21.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



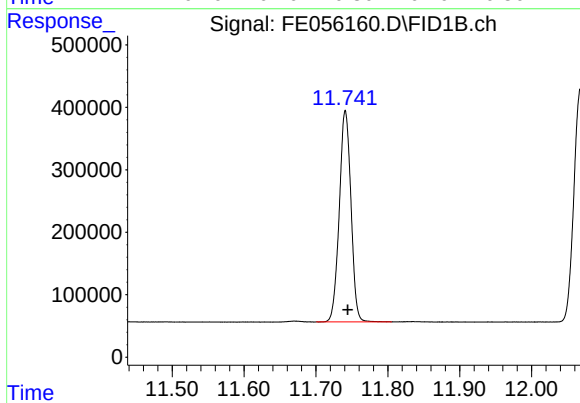
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: 0.000 min
Response: 3195481
Conc: 21.61 ug/ml



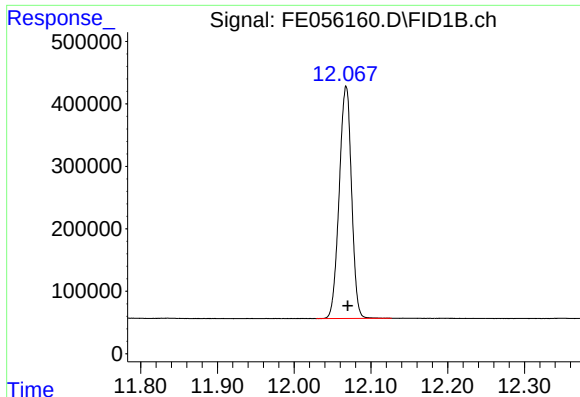
#7 n-Hexadecane (C16)

R.T.: 10.292 min
Delta R.T.: -0.002 min
Response: 3558318
Conc: 22.39 ug/ml



#8 n-Octadecane (C18)

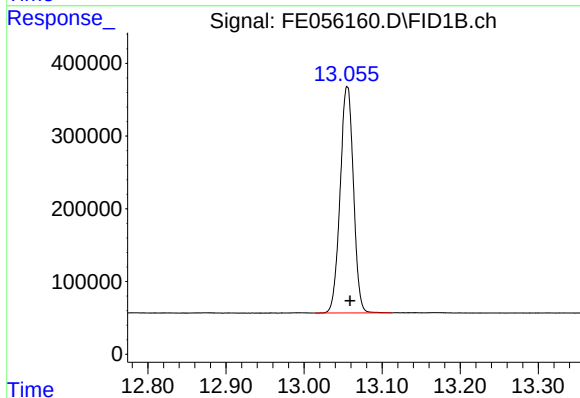
R.T.: 11.741 min
Delta R.T.: -0.003 min
Response: 3806059
Conc: 22.47 ug/ml



#9 ortho-Terphenyl (SURR)

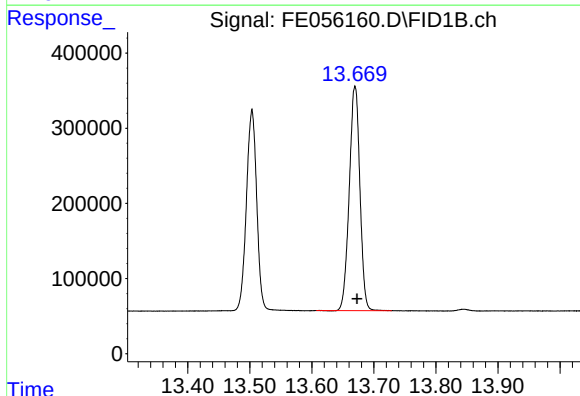
R.T.: 12.067 min
Delta R.T.: -0.002 min
Response: 4148061
Conc: 22.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



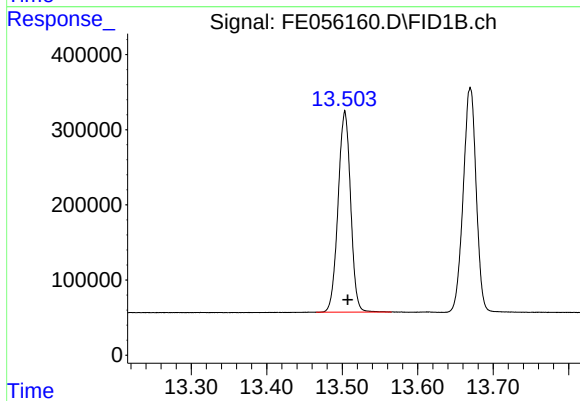
#10 n-Eicosane (C20)

R.T.: 13.055 min
Delta R.T.: -0.004 min
Response: 3685983
Conc: 22.24 ug/ml



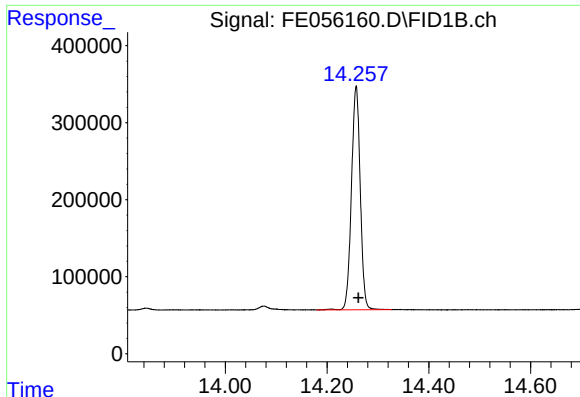
#11 n-Heneicosane (C21)

R.T.: 13.670 min
Delta R.T.: -0.003 min
Response: 3556170
Conc: 21.89 ug/ml



#12 1-chlorooctadecane (SURR)

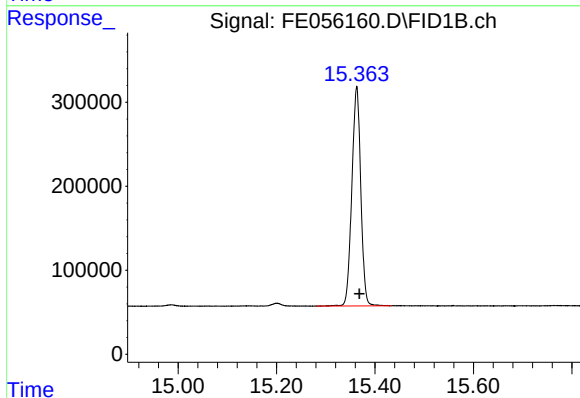
R.T.: 13.503 min
Delta R.T.: -0.004 min
Response: 3082689
Conc: 22.09 ug/ml



#13 n-Docosane (C22)

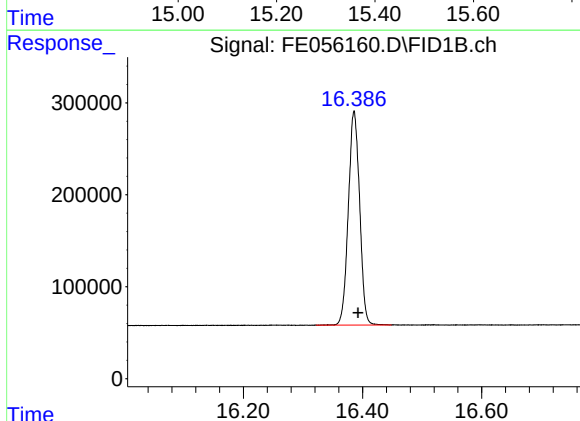
R.T.: 14.257 min
Delta R.T.: -0.004 min
Response: 3479667
Conc: 21.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



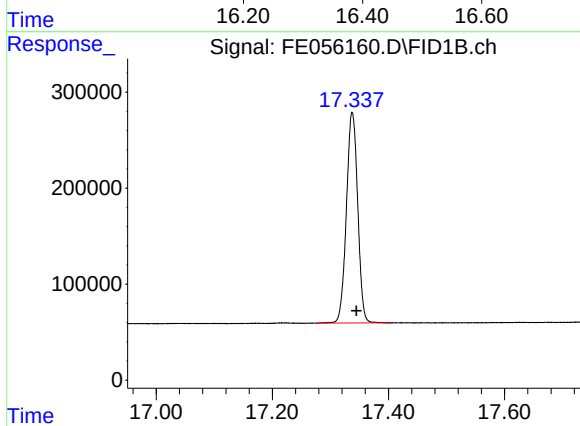
#14 n-Tetracosane (C24)

R.T.: 15.363 min
Delta R.T.: -0.006 min
Response: 3279666
Conc: 21.52 ug/ml



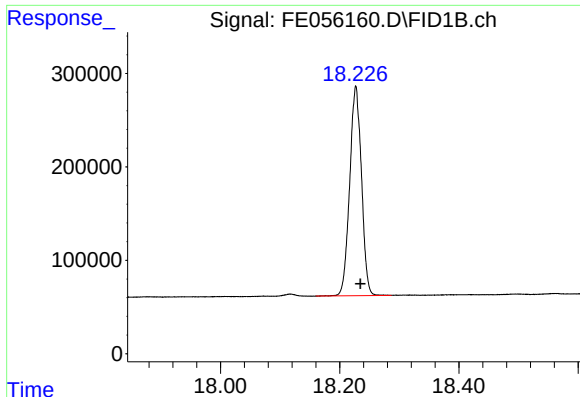
#15 n-Hexacosane (C26)

R.T.: 16.386 min
Delta R.T.: -0.007 min
Response: 3058883
Conc: 21.45 ug/ml



#16 n-Octacosane (C28)

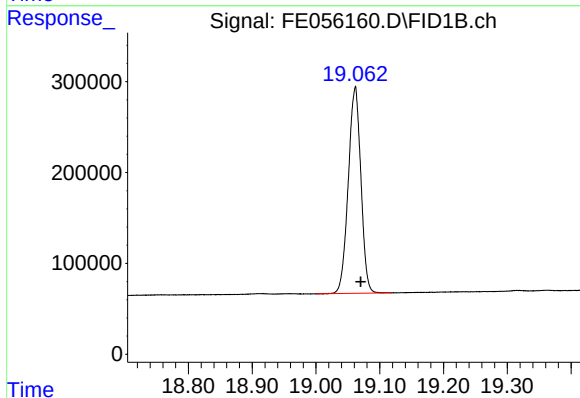
R.T.: 17.338 min
Delta R.T.: -0.007 min
Response: 2966019
Conc: 21.29 ug/ml



#17 n-Tricontane (C30)

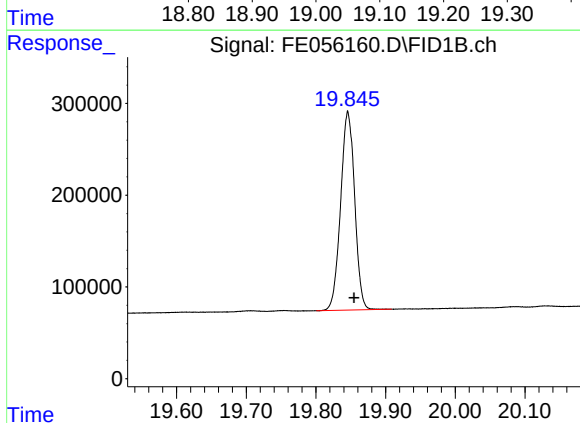
R.T.: 18.227 min
Delta R.T.: -0.008 min
Response: 3078863
Conc: 20.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



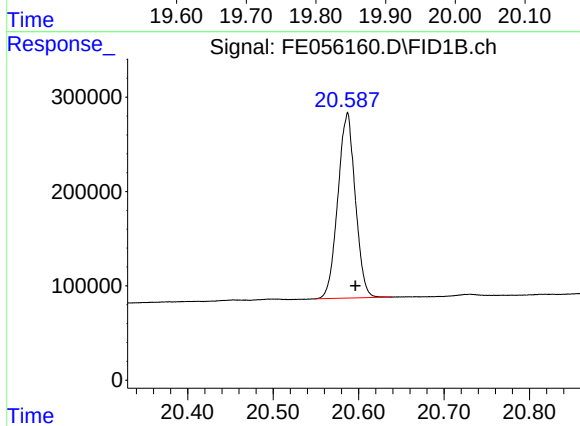
#18 n-Dotriacontane (C32)

R.T.: 19.061 min
Delta R.T.: -0.009 min
Response: 3122425
Conc: 20.93 ug/ml



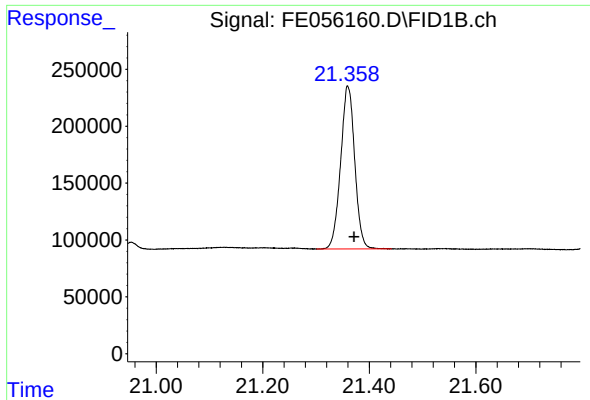
#19 n-Tetratriacontane (C34)

R.T.: 19.846 min
Delta R.T.: -0.009 min
Response: 3029825
Conc: 21.42 ug/ml



#20 n-Hexatriacontane (C36)

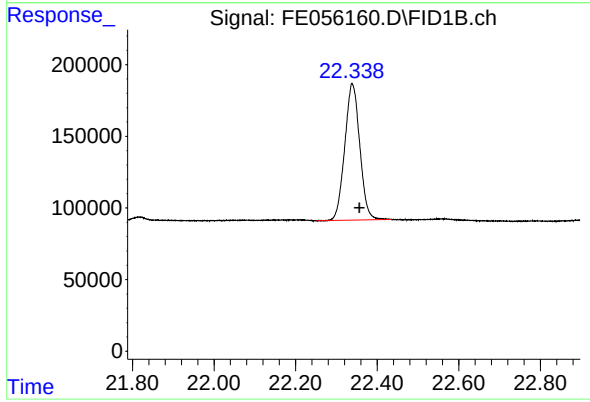
R.T.: 20.587 min
Delta R.T.: -0.010 min
Response: 2785351
Conc: 21.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.360 min
Delta R.T.: -0.012 min
Response: 2627669
Conc: 20.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.339 min
Delta R.T.: -0.018 min
Response: 2434221
Conc: 20.46 ug/ml