

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111925AL\
 Data File : FE056951.D
 Signal(s) : FID1B.ch
 Acq On : 19 Nov 2025 23:12
 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: sample.E
 Quant Time: Nov 20 01:29:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.948	4122148	19.731 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
12) S 1-chlorooctadecane (S...	13.385	3150106	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T n-Nonane (C9)	3.309	3141860	18.706 ug/ml
2) T n-Decane (C10)	4.561	3680166	21.447 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3747643	20.303 ug/ml
4) T n-Dodecane (C12)	6.733	3818551	21.954 ug/ml
5) T A~2-methylnaphthalene...	7.376	3667989	20.697 ug/ml
6) T n-Tetradecane (C14)	8.566	3791062	21.719 ug/ml
7) T n-Hexadecane (C16)	10.178	3896802	21.299 ug/ml
8) T n-Octadecane (C18)	11.625	3905500	20.634 ug/ml
10) T n-Eicosane (C20)	12.938	3705737	19.884 ug/ml
11) T n-Heneicosane (C21)	13.552	3597217	19.563 ug/ml
13) T n-Docosane (C22)	14.139	3615673	19.314 ug/ml
14) T n-Tetracosane (C24)	15.245	3704391	18.913 ug/ml
15) T n-Hexacosane (C26)	16.268	3666691	18.868 ug/ml
16) T n-Octacosane (C28)	17.221	3792598	19.584 ug/ml
17) T n-Tricontane (C30)	18.110	4206352	20.980 ug/ml
18) T n-Dotriacontane (C32)	18.945	4310893	21.922 ug/ml
19) T n-Tetratriacontane (C34)	19.730	4065886	23.555 ug/ml
20) T n-Hexatriacontane (C36)	20.471	3478181	24.044 ug/ml
21) T n-Octatriacontane (C38)	21.220	3300946	26.227 ug/ml
22) T n-Tetracontane (C40)	22.152	2761324	23.884 ug/ml

(f)=RT Delta > 1/2 Window

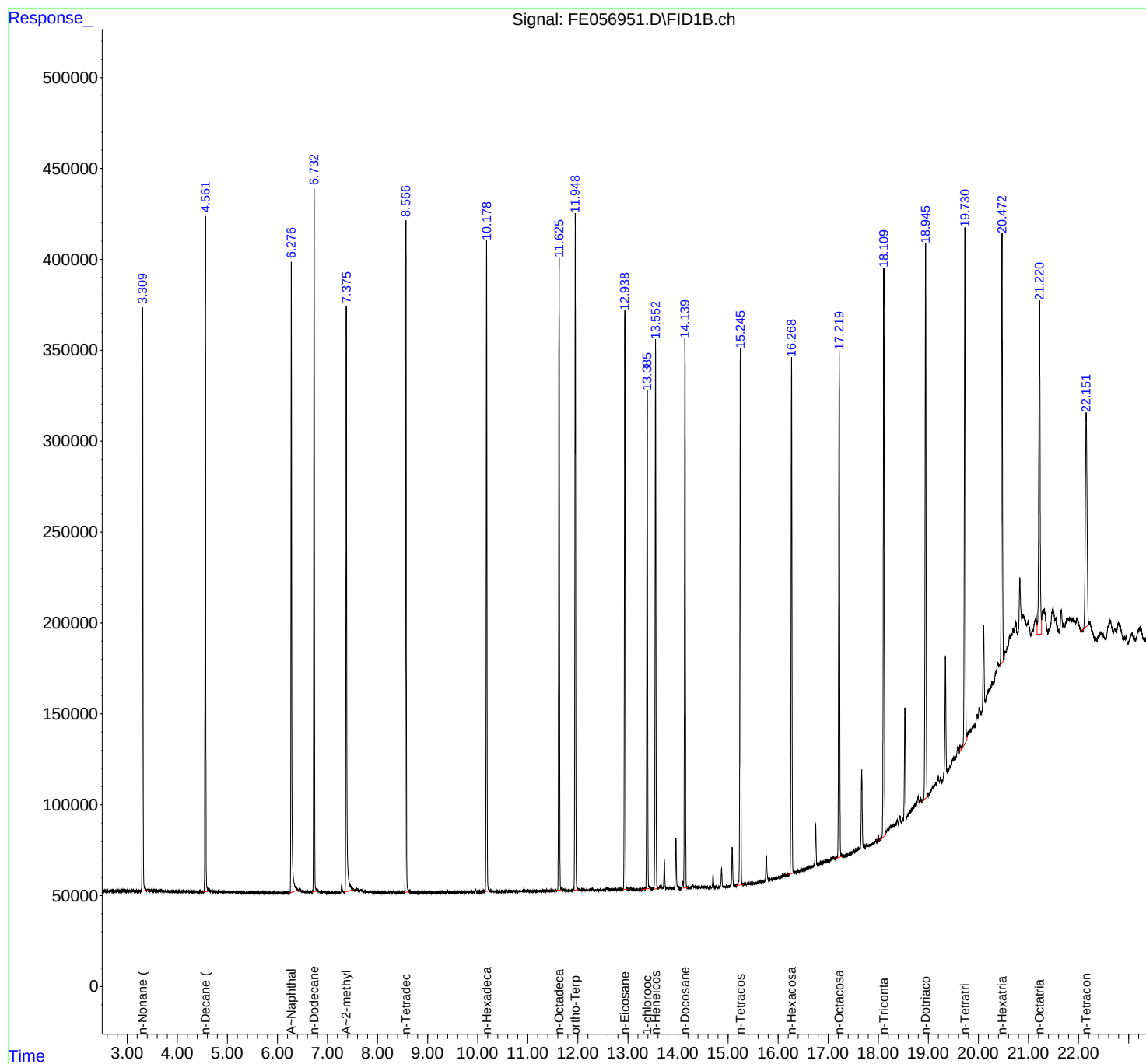
(m)=manual int.

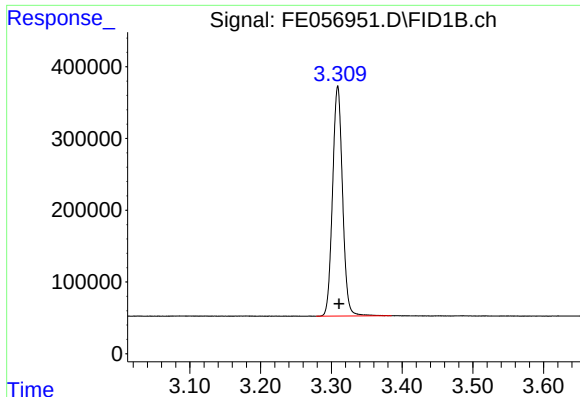
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111925AL\
Data File : FE056951.D
Signal(s) : FID1B.ch
Acq On : 19 Nov 2025 23:12
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: sample.E
Quant Time: Nov 20 01:29:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
Quant Title : GC Extractables
QLast Update : Tue Nov 18 13:37:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

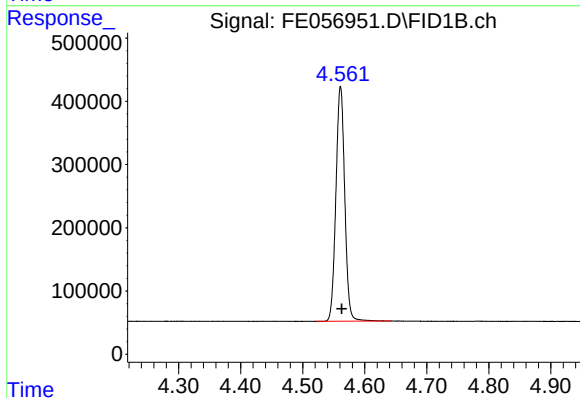




#1 n-Nonane (C9)

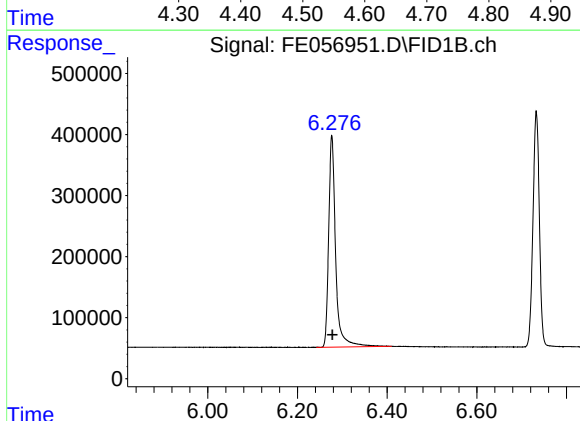
R.T.: 3.309 min
Delta R.T.: -0.002 min
Response: 3141860
Conc: 18.71 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



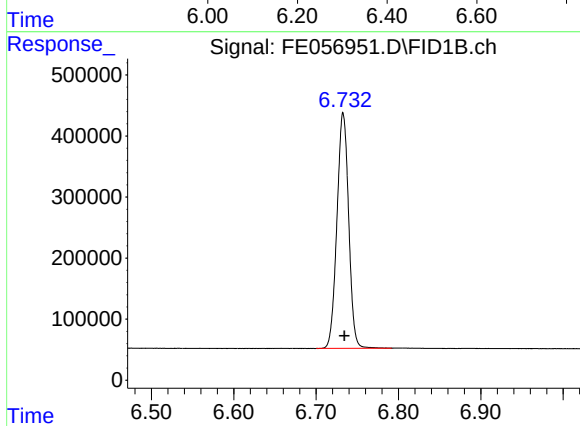
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 3680166
Conc: 21.45 ug/ml



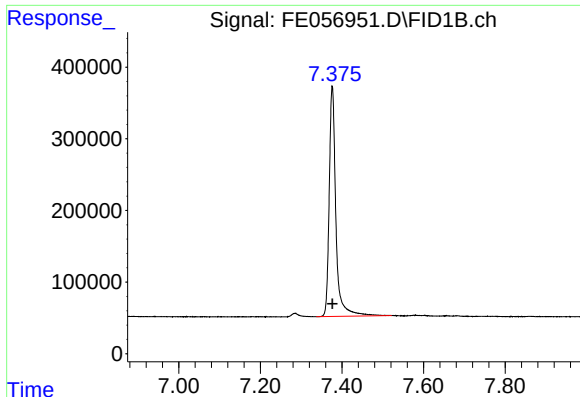
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3747643
Conc: 20.30 ug/ml



#4 n-Dodecane (C12)

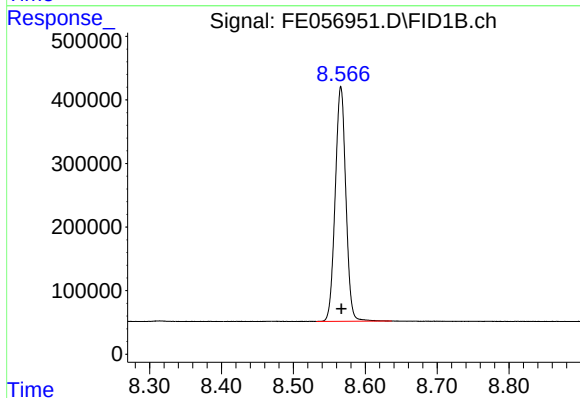
R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 3818551
Conc: 21.95 ug/ml



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

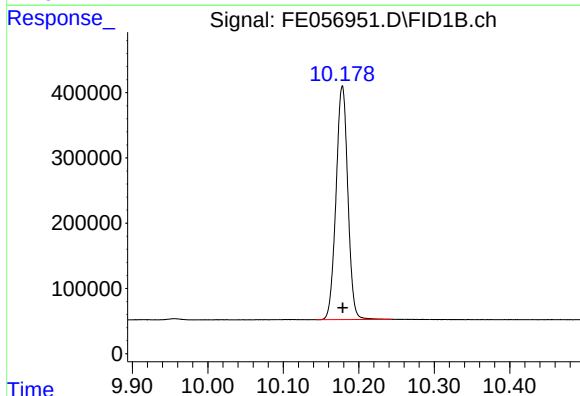
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 3667989
Conc: 20.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



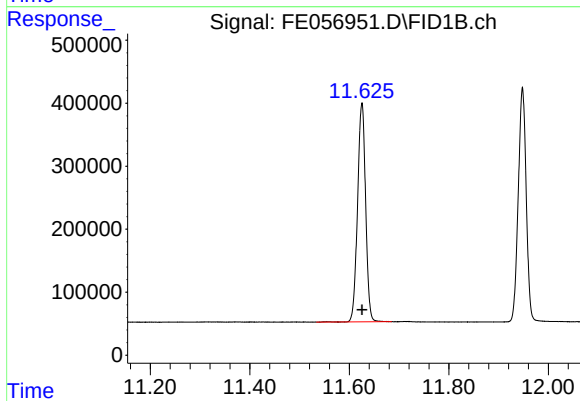
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.001 min
Response: 3791062
Conc: 21.72 ug/ml



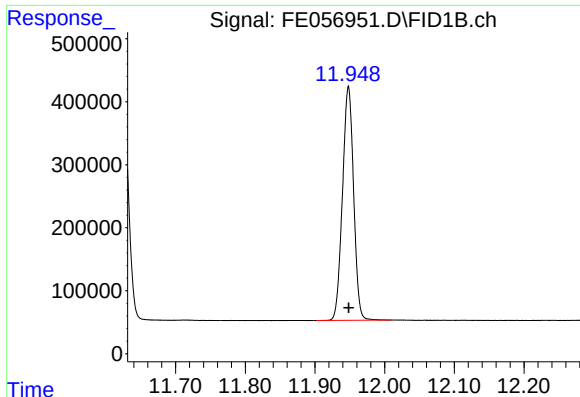
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: 0.000 min
Response: 3896802
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

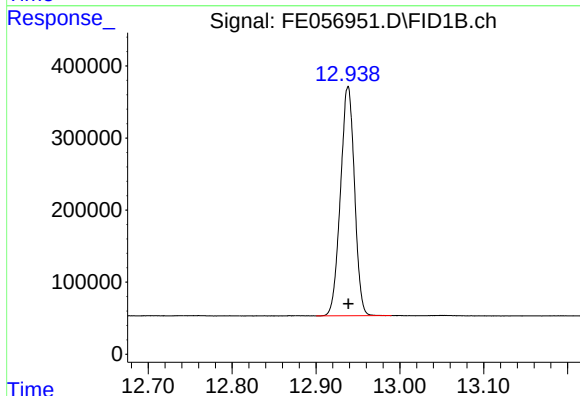
R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 3905500
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

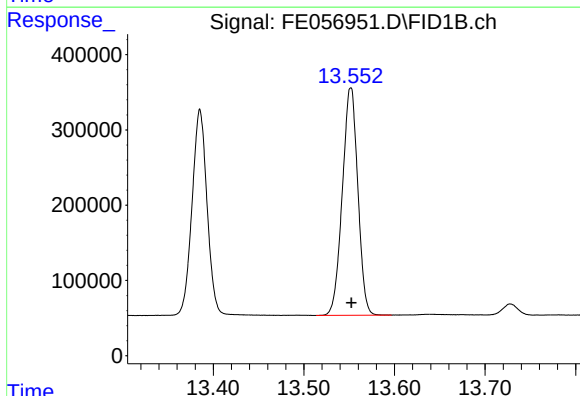
R.T.: 11.948 min
Delta R.T.: 0.000 min
Response: 4122148
Conc: 19.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



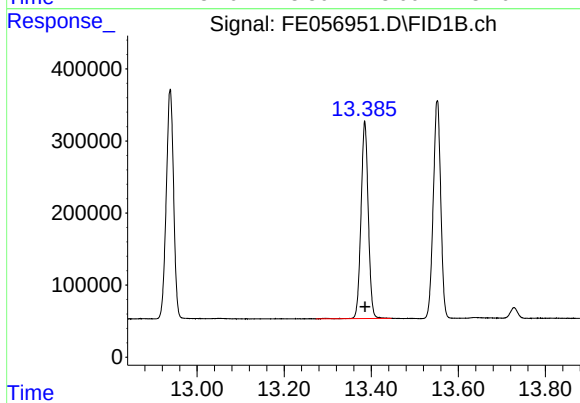
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.000 min
Response: 3705737
Conc: 19.88 ug/ml



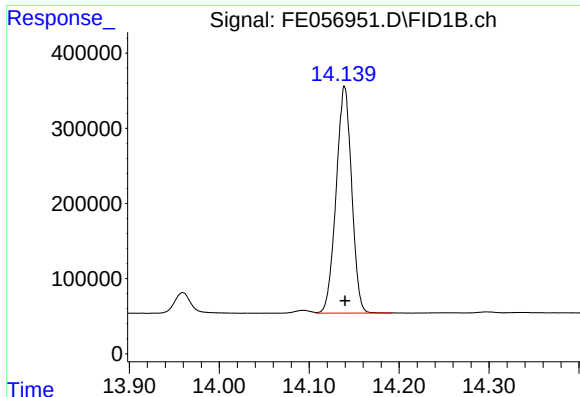
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.000 min
Response: 3597217
Conc: 19.56 ug/ml



#12 1-chlorooctadecane (SURR)

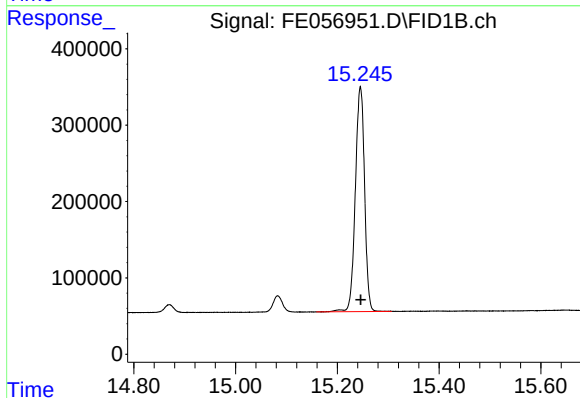
R.T.: 13.385 min
Delta R.T.: -0.001 min
Response: 3150106
Conc: 19.55 ug/ml



#13 n-Docosane (C22)

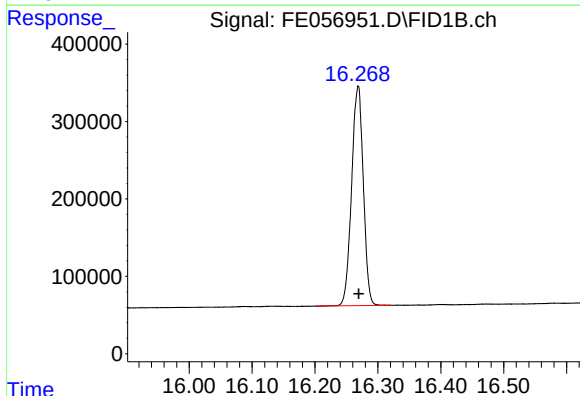
R.T.: 14.139 min
Delta R.T.: 0.000 min
Response: 3615673
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



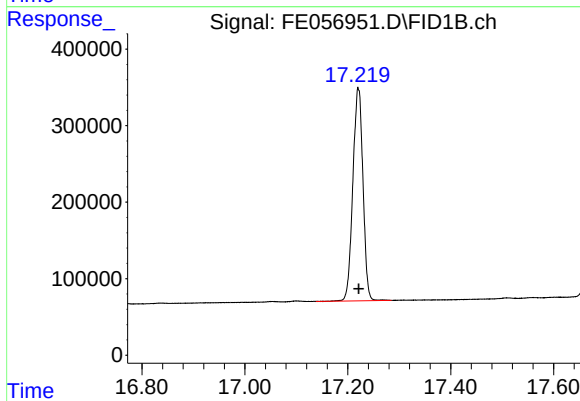
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: 0.000 min
Response: 3704391
Conc: 18.91 ug/ml



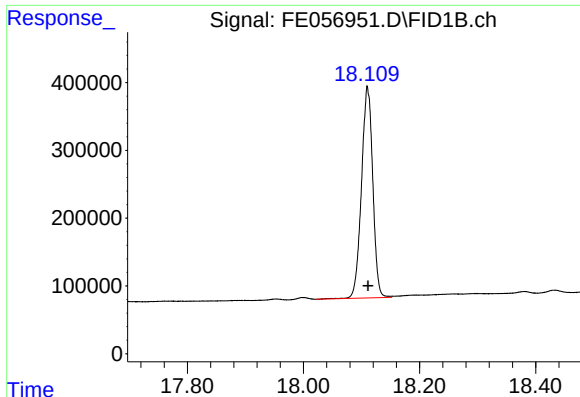
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.001 min
Response: 3666691
Conc: 18.87 ug/ml



#16 n-Octacosane (C28)

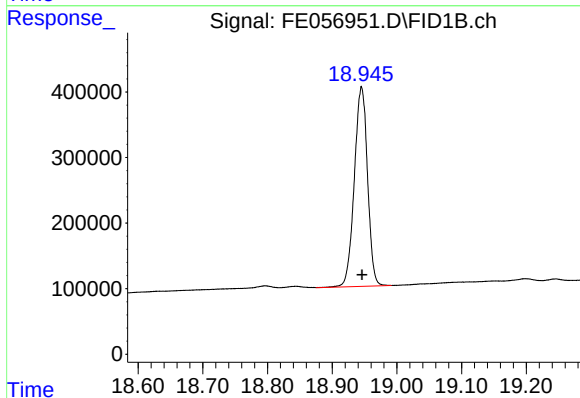
R.T.: 17.221 min
Delta R.T.: 0.000 min
Response: 3792598
Conc: 19.58 ug/ml



#17 n-Tricontane (C30)

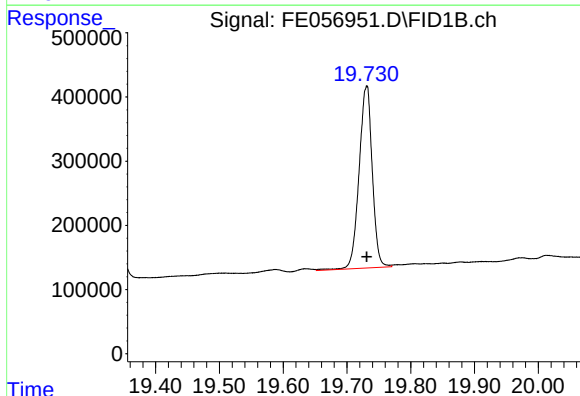
R.T.: 18.110 min
Delta R.T.: 0.000 min
Response: 4206352
Conc: 20.98 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



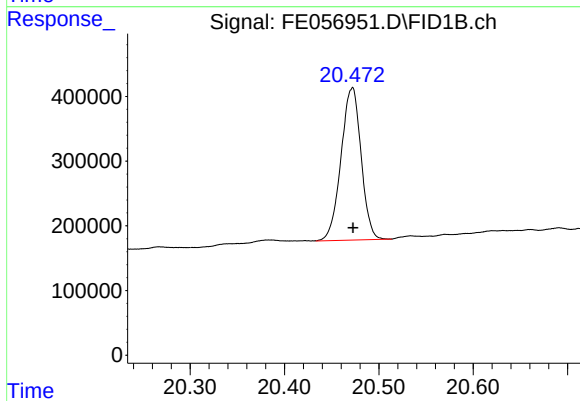
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 4310893
Conc: 21.92 ug/ml



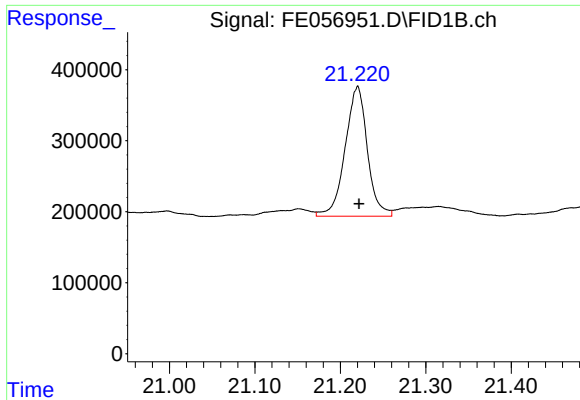
#19 n-Tetratriacontane (C34)

R.T.: 19.730 min
Delta R.T.: 0.000 min
Response: 4065886
Conc: 23.56 ug/ml



#20 n-Hexatriacontane (C36)

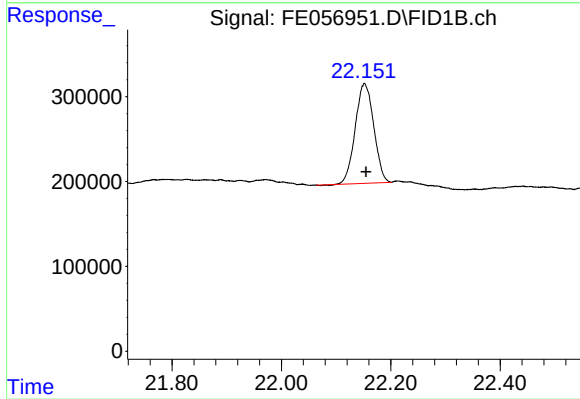
R.T.: 20.471 min
Delta R.T.: -0.001 min
Response: 3478181
Conc: 24.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.002 min
Response: 3300946
Conc: 26.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.152 min
Delta R.T.: -0.003 min
Response: 2761324
Conc: 23.88 ug/ml