

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
 Data File : FE055109.D
 Signal(s) : FID1B.ch
 Acq On : 01 Aug 2025 14:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 01 16:05:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 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)	12.085	2865358	20.065 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	13.522	2160035	20.089 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T n-Nonane (C9)	3.422	2295496	20.001 ug/ml
2) T n-Decane (C10)	4.681	2335659	20.049 ug/ml
3) T A~Naphthalene (C11.7)	6.400	2689720	20.038 ug/ml
4) T n-Dodecane (C12)	6.857	2383948	20.019 ug/ml
5) T A~2-methylnaphthalene...	7.502	2622337	20.113 ug/ml
6) T n-Tetradecane (C14)	8.694	2443135	19.926 ug/ml
7) T n-Hexadecane (C16)	10.309	2559138	20.018 ug/ml
8) T n-Octadecane (C18)	11.759	2611774	20.017 ug/ml
10) T n-Eicosane (C20)	13.074	2517987	20.068 ug/ml
11) T n-Heneicosane (C21)	13.687	2473230	20.064 ug/ml
13) T n-Docosane (C22)	14.276	2454702	20.101 ug/ml
14) T n-Tetracosane (C24)	15.382	2437631	20.041 ug/ml
15) T n-Hexacosane (C26)	16.406	2398240	20.045 ug/ml
16) T n-Octacosane (C28)	17.358	2372515	20.000 ug/ml
17) T n-Tricontane (C30)	18.247	2443769	19.860 ug/ml
18) T n-Dotriacontane (C32)	19.082	2404937	19.711 ug/ml
19) T n-Tetratriacontane (C34)	19.868	2310031	19.757 ug/ml
20) T n-Hexatriacontane (C36)	20.608	2159409	19.757 ug/ml
21) T n-Octatriacontane (C38)	21.390	2109255	19.517 ug/ml
22) T n-Tetracontane (C40)	22.380	2093718	20.021 ug/ml

(f)=RT Delta > 1/2 Window

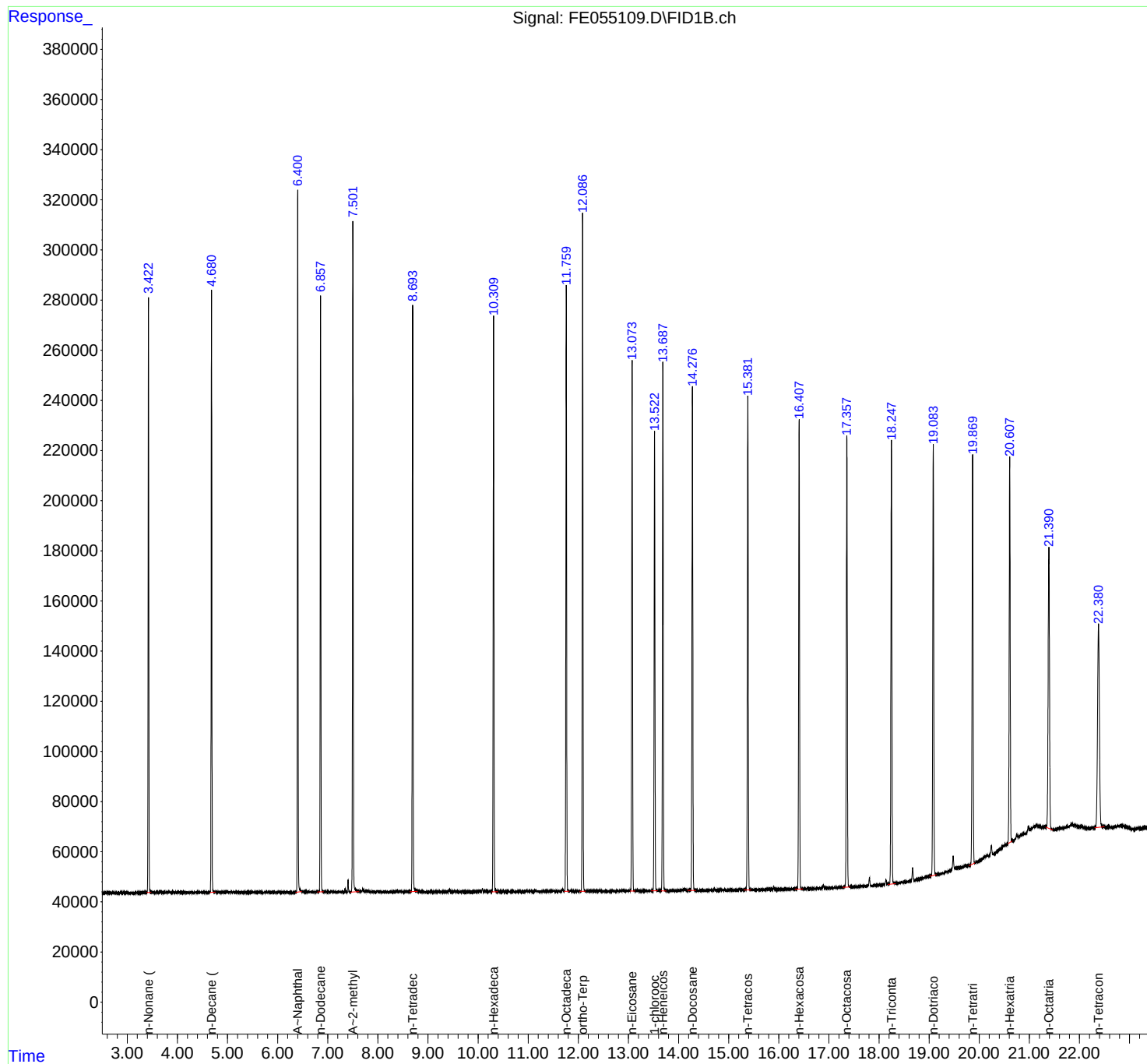
(m)=manual int.

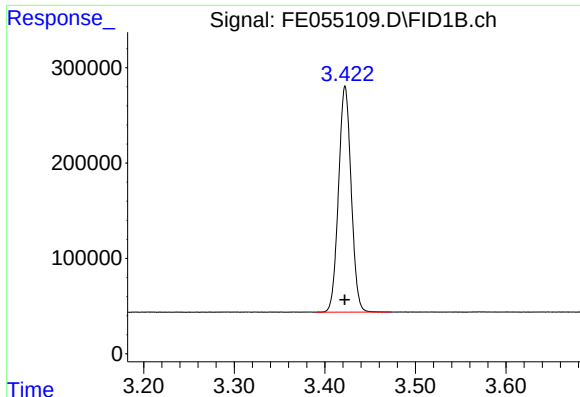
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080125AL\
Data File : FE055109.D
Signal(s) : FID1B.ch
Acq On : 01 Aug 2025 14:55
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 01 16:05:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 13:47:09 2025
Response via : Initial Calibration
Integrator: ChemStation

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

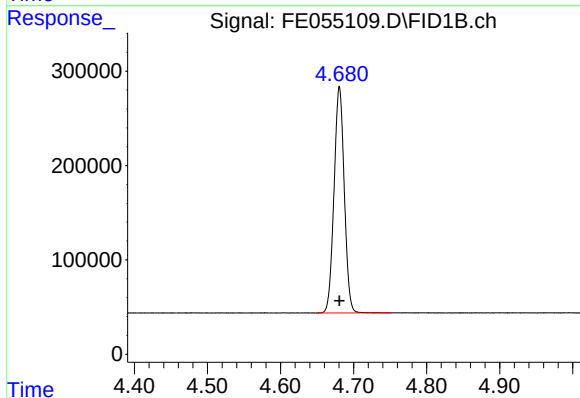




#1 n-Nonane (C9)

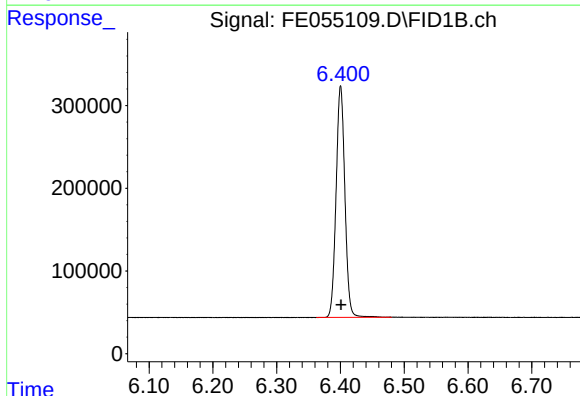
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 2295496
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



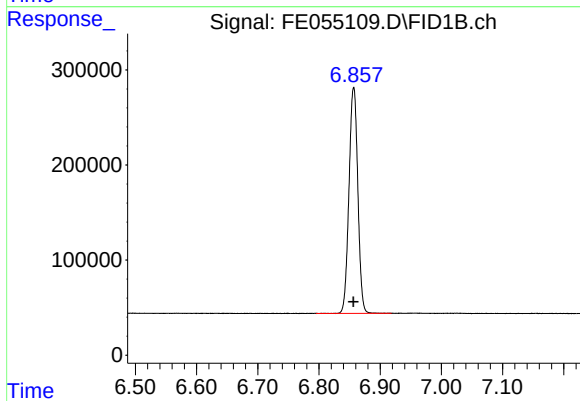
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.000 min
Response: 2335659
Conc: 20.05 ug/ml



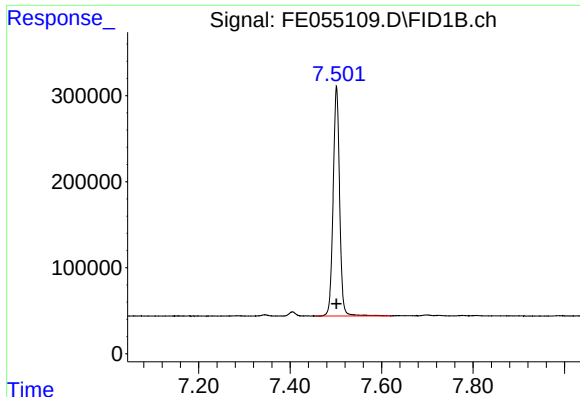
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 2689720
Conc: 20.04 ug/ml



#4 n-Dodecane (C12)

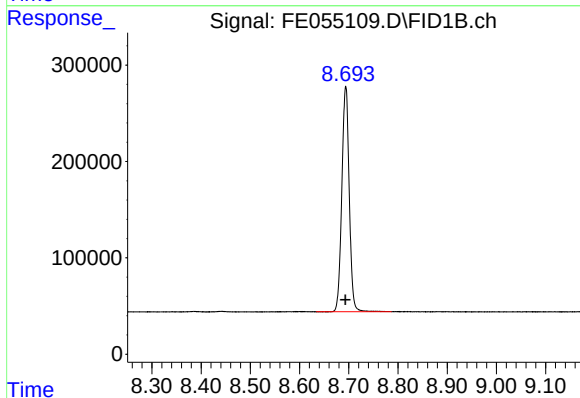
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 2383948
Conc: 20.02 ug/ml



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

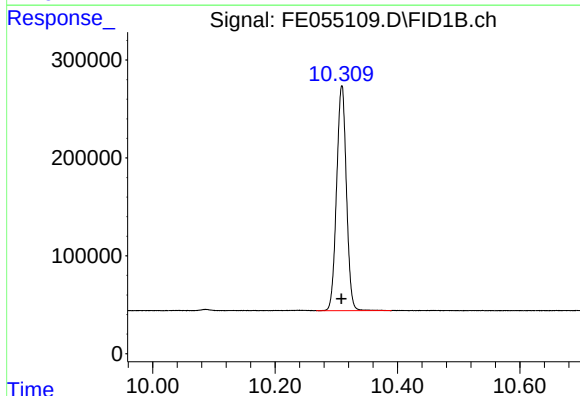
R.T.: 7.502 min
Delta R.T.: 0.000 min
Response: 2622337
Conc: 20.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



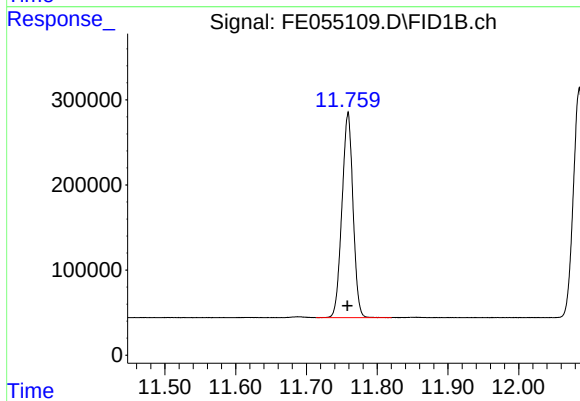
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2443135
Conc: 19.93 ug/ml



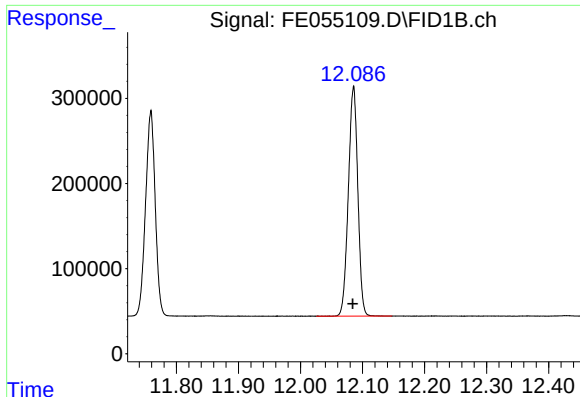
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2559138
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

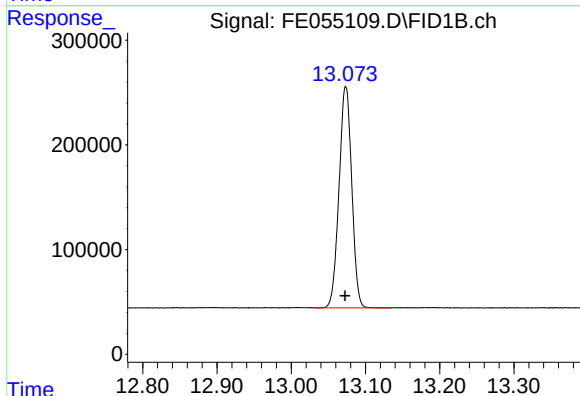
R.T.: 11.759 min
Delta R.T.: 0.000 min
Response: 2611774
Conc: 20.02 ug/ml



#9 ortho-Terphenyl (SURR)

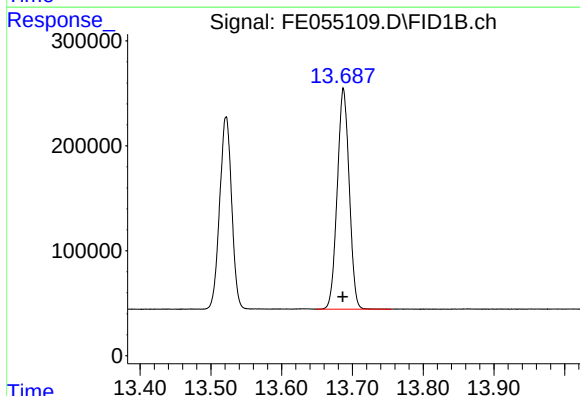
R.T.: 12.085 min
Delta R.T.: 0.001 min
Response: 2865358
Conc: 20.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



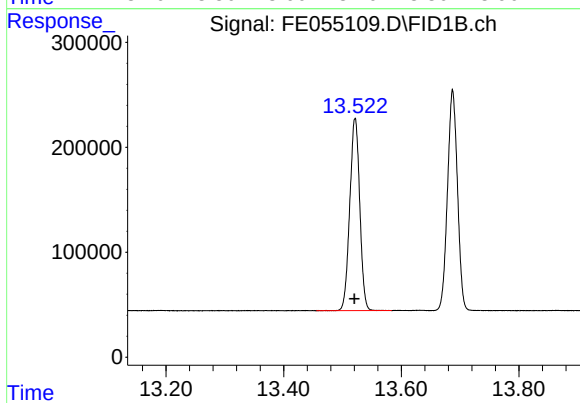
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.001 min
Response: 2517987
Conc: 20.07 ug/ml



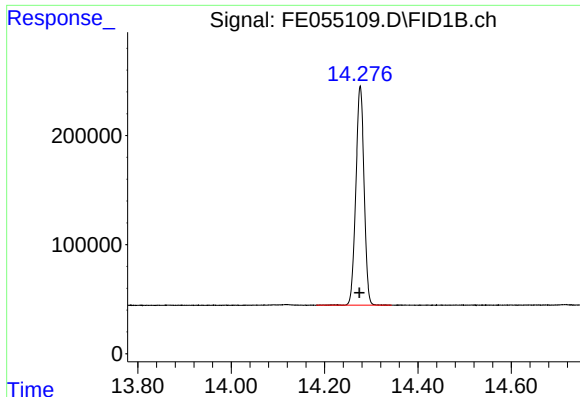
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.001 min
Response: 2473230
Conc: 20.06 ug/ml



#12 1-chlorooctadecane (SURR)

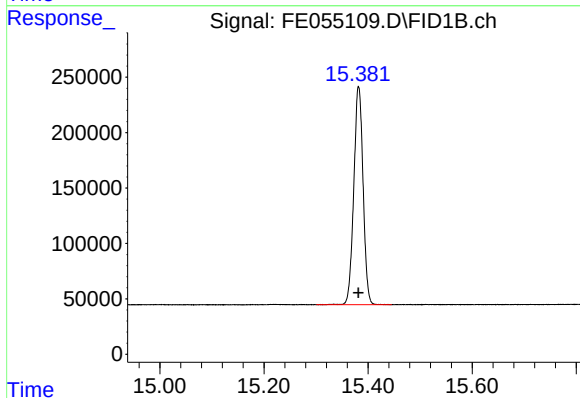
R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 2160035
Conc: 20.09 ug/ml



#13 n-Docosane (C22)

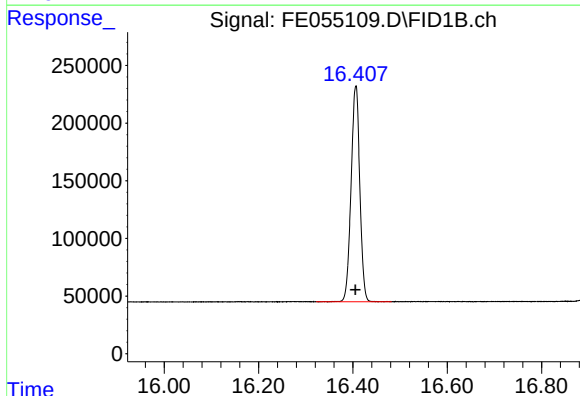
R.T.: 14.276 min
Delta R.T.: 0.001 min
Response: 2454702
Conc: 20.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



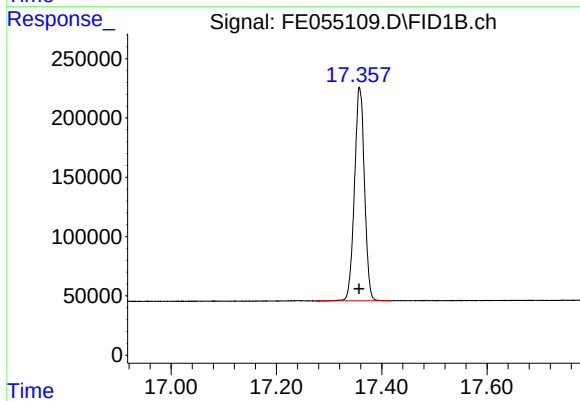
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 2437631
Conc: 20.04 ug/ml



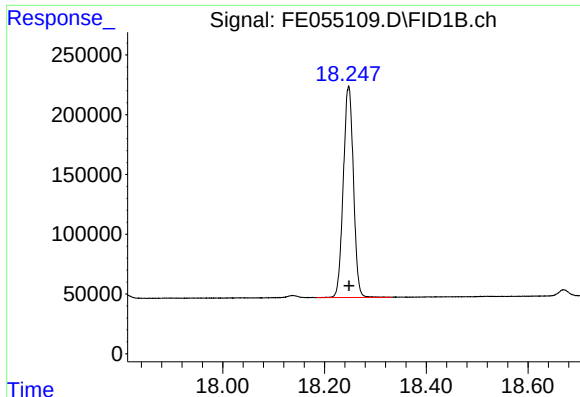
#15 n-Hexacosane (C26)

R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 2398240
Conc: 20.04 ug/ml



#16 n-Octacosane (C28)

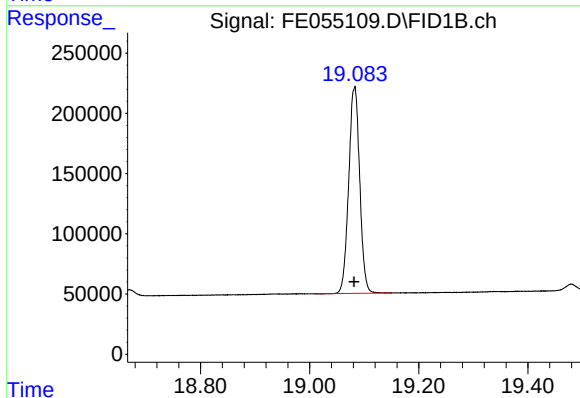
R.T.: 17.358 min
Delta R.T.: 0.001 min
Response: 2372515
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

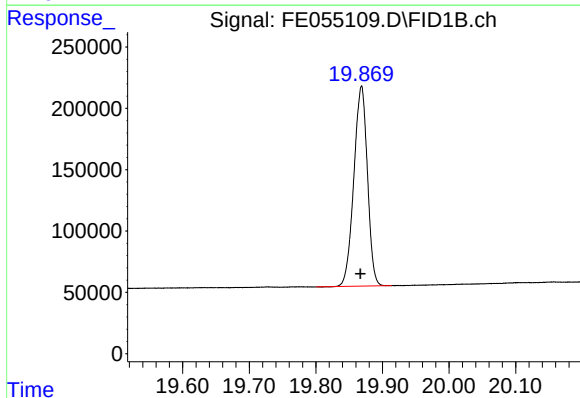
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 2443769
Conc: 19.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



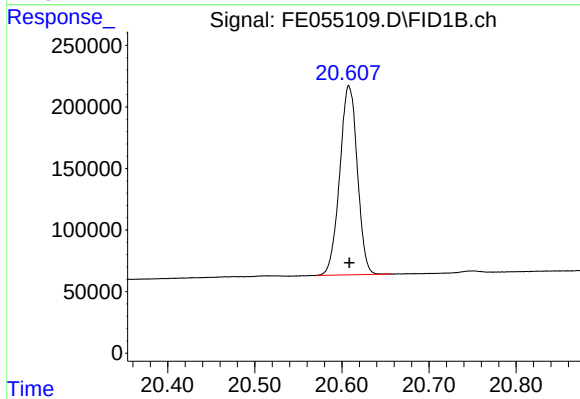
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 2404937
Conc: 19.71 ug/ml



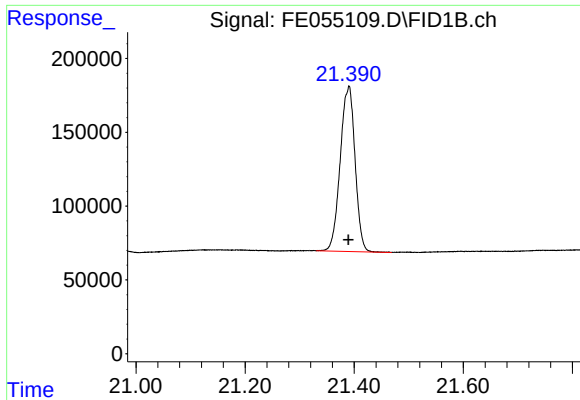
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 2310031
Conc: 19.76 ug/ml



#20 n-Hexatriacontane (C36)

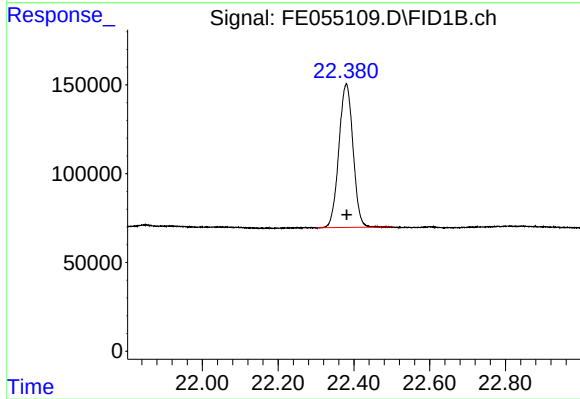
R.T.: 20.608 min
Delta R.T.: 0.000 min
Response: 2159409
Conc: 19.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.000 min
Response: 2109255
Conc: 19.52 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.380 min
Delta R.T.: -0.001 min
Response: 2093718
Conc: 20.02 ug/ml