

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082625AL\
 Data File : FE055518.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2025 21:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 27 02:37:18 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)	12.078	2740242	19.189 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
12) S 1-chlorooctadecane (S...	13.515	2104514	19.572 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
Target Compounds			
1) T n-Nonane (C9)	3.416	2039026	17.766 ug/ml
2) T n-Decane (C10)	4.674	2107044	18.087 ug/ml
3) T A~Naphthalene (C11.7)	6.394	2407106	17.933 ug/ml
4) T n-Dodecane (C12)	6.850	2162234	18.158 ug/ml
5) T A~2-methylnaphthalene...	7.495	2346128	17.994 ug/ml
6) T n-Tetradecane (C14)	8.687	2198435	17.930 ug/ml
7) T n-Hexadecane (C16)	10.303	2322212	18.164 ug/ml
8) T n-Octadecane (C18)	11.752	2445045	18.740 ug/ml
10) T n-Eicosane (C20)	13.067	2408440	19.195 ug/ml
11) T n-Heneicosane (C21)	13.681	2382819	19.330 ug/ml
13) T n-Docosane (C22)	14.270	2402710	19.675 ug/ml
14) T n-Tetracosane (C24)	15.377	2436599	20.032 ug/ml
15) T n-Hexacosane (C26)	16.400	2393593	20.006 ug/ml
16) T n-Octacosane (C28)	17.354	2440631	20.575 ug/ml
17) T n-Tricontane (C30)	18.243	2665860	21.665 ug/ml
18) T n-Dotriacontane (C32)	19.078	2800444	22.952 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2667435	22.814 ug/ml
20) T n-Hexatriacontane (C36)	20.603	2412275	22.070 ug/ml
21) T n-Octatriacontane (C38)	21.381	2272422	21.027 ug/ml
22) T n-Tetracontane (C40)	22.370	2157249	20.629 ug/ml

(f)=RT Delta > 1/2 Window

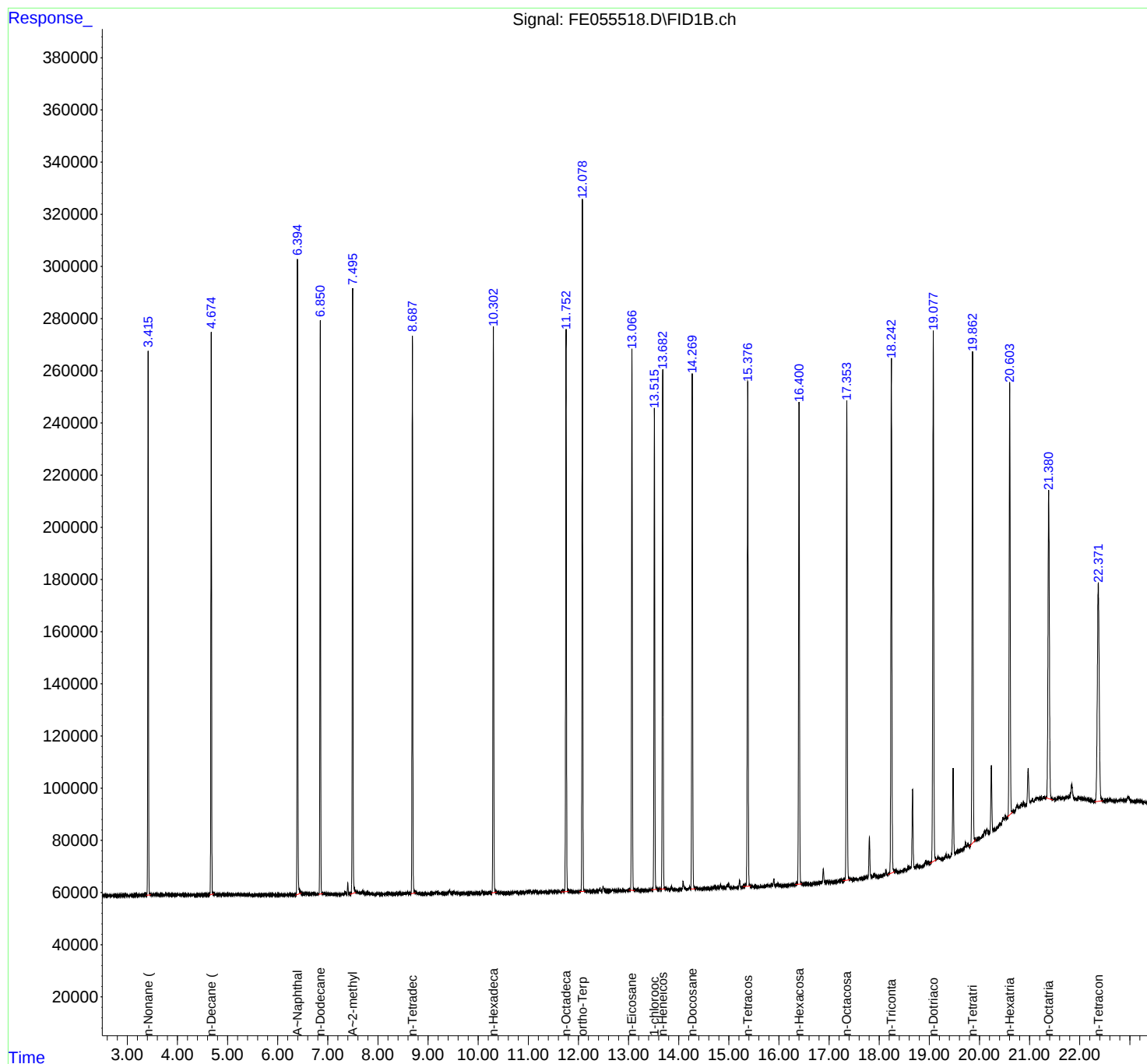
(m)=manual int.

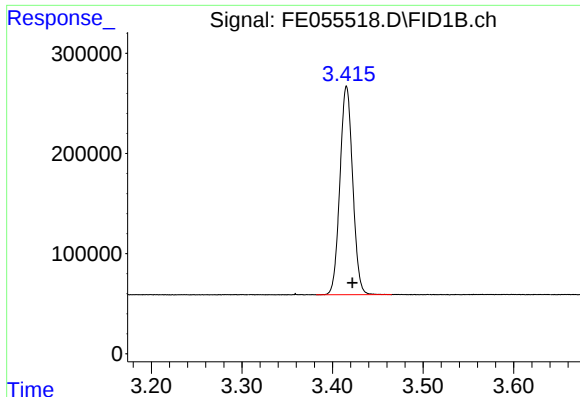
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082625AL\
Data File : FE055518.D
Signal(s) : FID1B.ch
Acq On : 26 Aug 2025 21:01
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 27 02:37:18 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

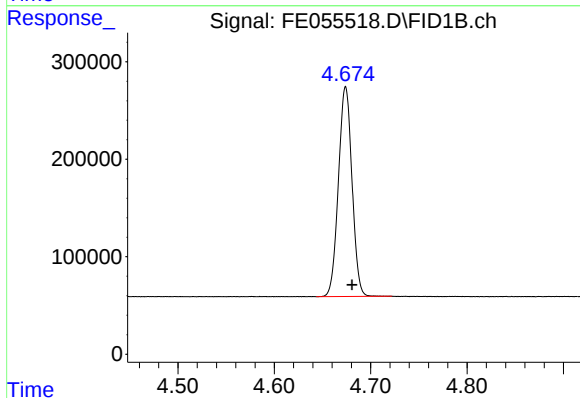




#1 n-Nonane (C9)

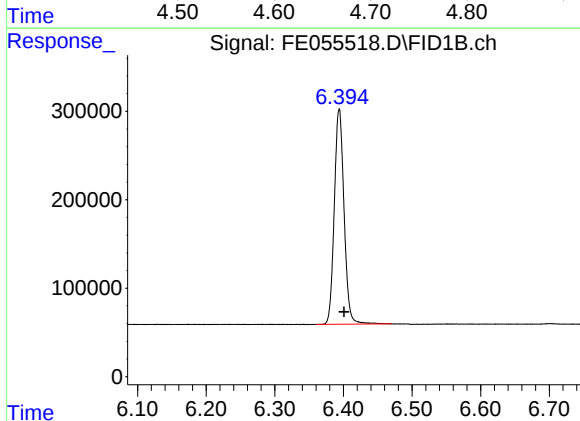
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 2039026
Conc: 17.77 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



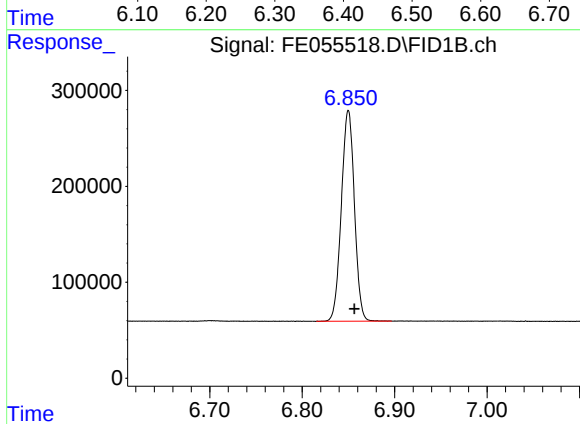
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: -0.006 min
Response: 2107044
Conc: 18.09 ug/ml



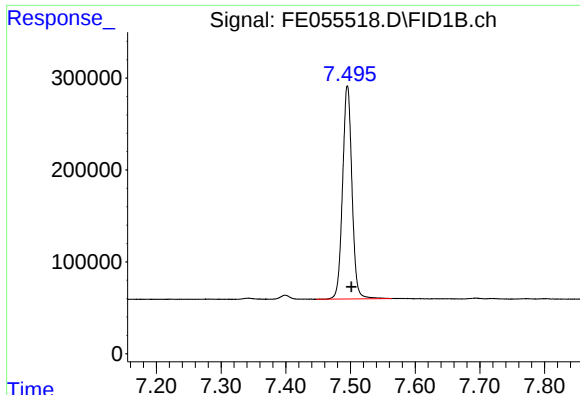
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: -0.007 min
Response: 2407106
Conc: 17.93 ug/ml



#4 n-Dodecane (C12)

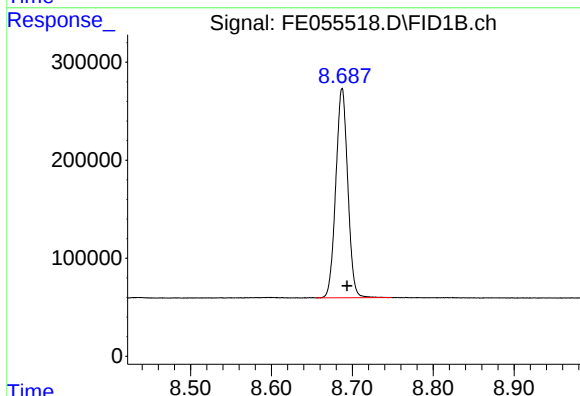
R.T.: 6.850 min
Delta R.T.: -0.006 min
Response: 2162234
Conc: 18.16 ug/ml



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

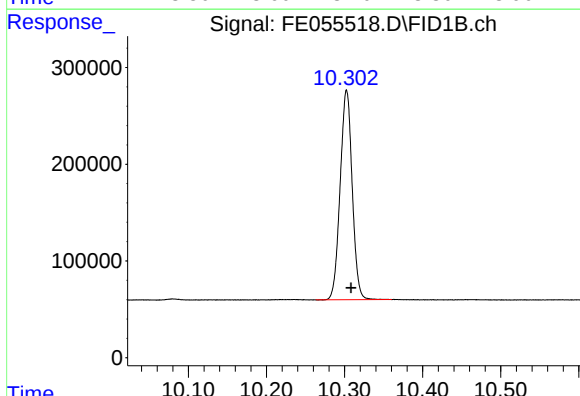
R.T.: 7.495 min
Delta R.T.: -0.006 min
Response: 2346128
Conc: 17.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



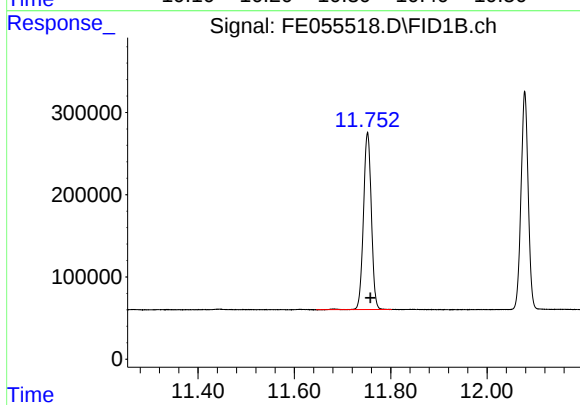
#6 n-Tetradecane (C14)

R.T.: 8.687 min
Delta R.T.: -0.006 min
Response: 2198435
Conc: 17.93 ug/ml



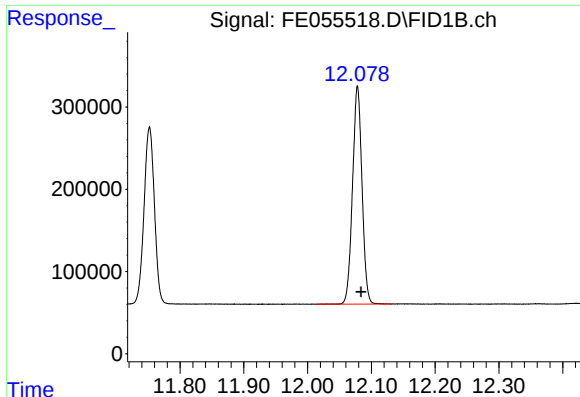
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.006 min
Response: 2322212
Conc: 18.16 ug/ml



#8 n-Octadecane (C18)

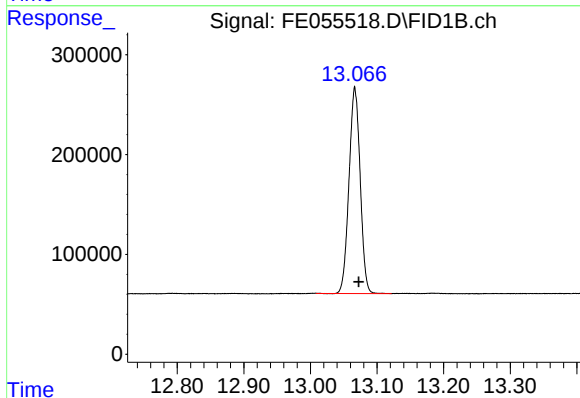
R.T.: 11.752 min
Delta R.T.: -0.006 min
Response: 2445045
Conc: 18.74 ug/ml



#9 ortho-Terphenyl (SURR)

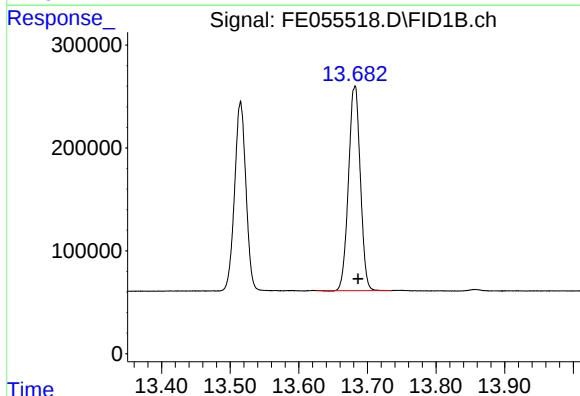
R.T.: 12.078 min
Delta R.T.: -0.006 min
Response: 2740242
Conc: 19.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



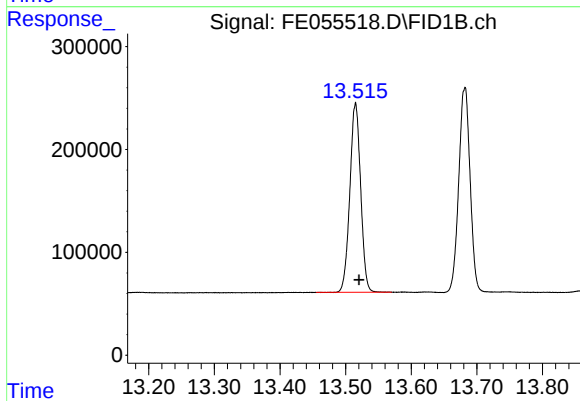
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 2408440
Conc: 19.20 ug/ml



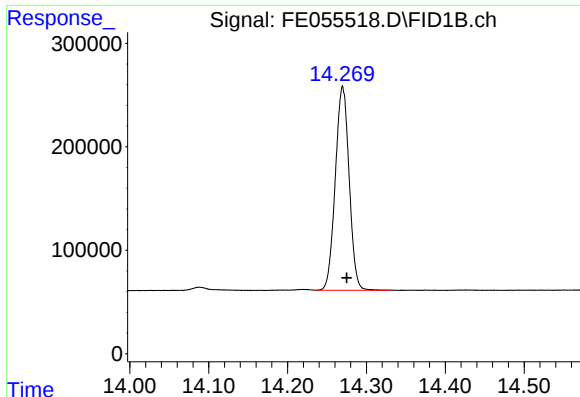
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: -0.005 min
Response: 2382819
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

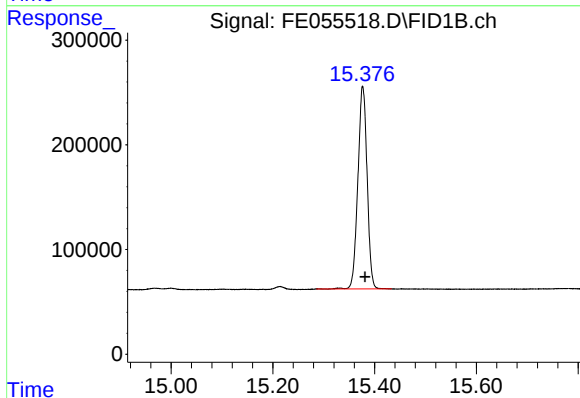
R.T.: 13.515 min
Delta R.T.: -0.005 min
Response: 2104514
Conc: 19.57 ug/ml



#13 n-Docosane (C22)

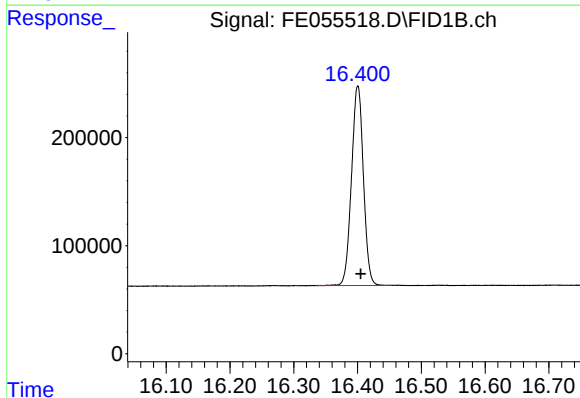
R.T.: 14.270 min
Delta R.T.: -0.005 min
Response: 2402710
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



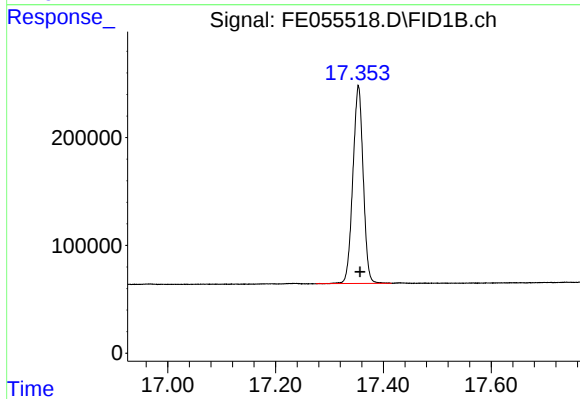
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 2436599
Conc: 20.03 ug/ml



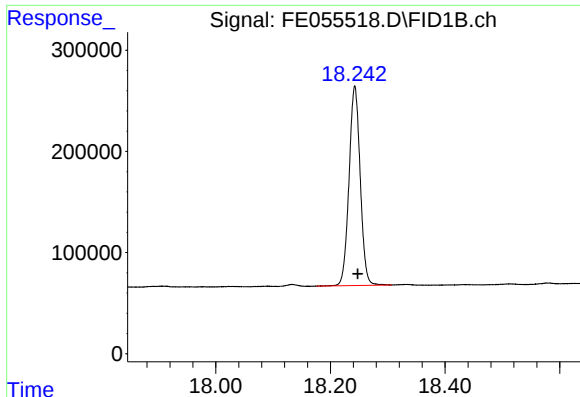
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: -0.005 min
Response: 2393593
Conc: 20.01 ug/ml



#16 n-Octacosane (C28)

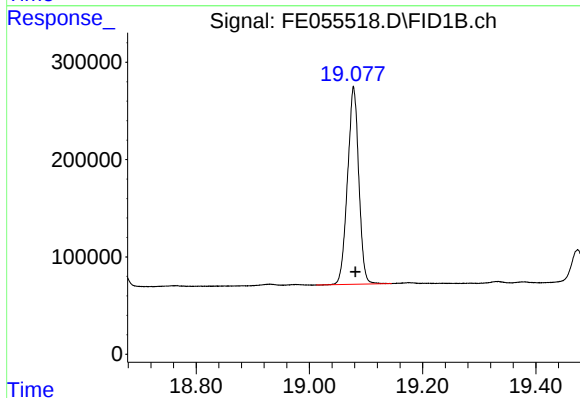
R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 2440631
Conc: 20.57 ug/ml



#17 n-Tricontane (C30)

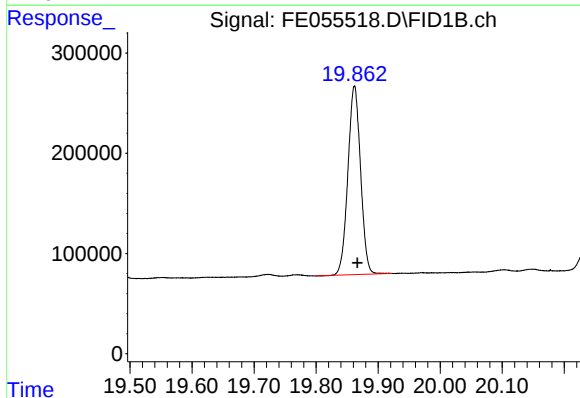
R.T.: 18.243 min
Delta R.T.: -0.005 min
Response: 2665860
Conc: 21.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



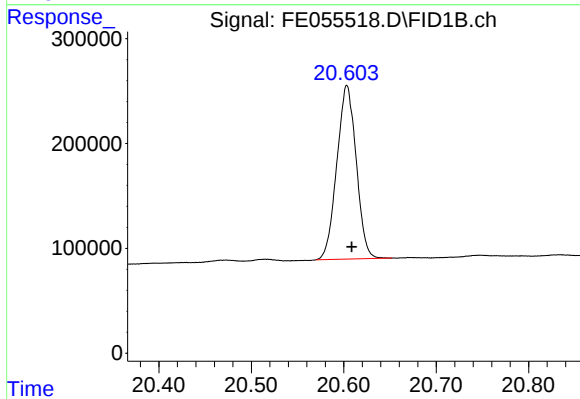
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.003 min
Response: 2800444
Conc: 22.95 ug/ml



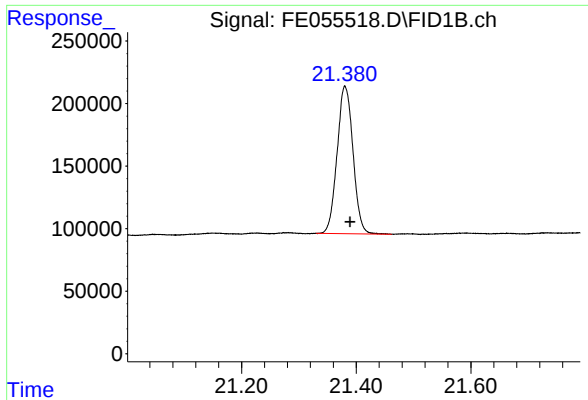
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.005 min
Response: 2667435
Conc: 22.81 ug/ml



#20 n-Hexatriacontane (C36)

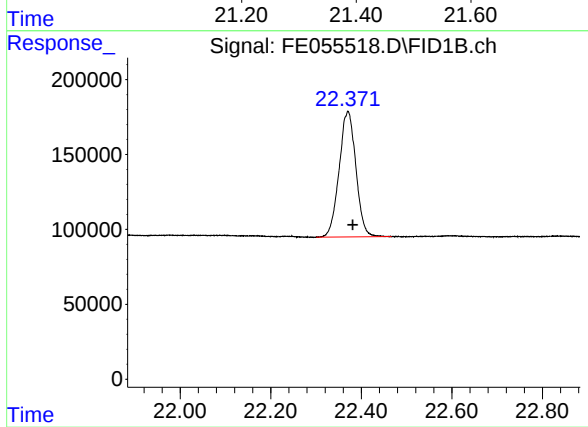
R.T.: 20.603 min
Delta R.T.: -0.005 min
Response: 2412275
Conc: 22.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: -0.009 min
Response: 2272422
Conc: 21.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: -0.010 min
Response: 2157249
Conc: 20.63 ug/ml