

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055254.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 13:54
 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: Aug 13 04:02:34 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)	12.087	2533577	17.742 ug/ml
Spiked Amount 50.000		Recovery =	35.48%
12) S 1-chlorooctadecane (S...	13.524	1929361	17.944 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T n-Nonane (C9)	3.422	1951803	17.006 ug/ml
2) T n-Decane (C10)	4.680	2077381	17.832 ug/ml
3) T A~Naphthalene (C11.7)	6.401	2369901	17.655 ug/ml
4) T n-Dodecane (C12)	6.856	2149078	18.047 ug/ml
5) T A~2-methylnaphthalene...	7.503	2333319	17.896 ug/ml
6) T n-Tetradecane (C14)	8.694	2219873	18.105 ug/ml
7) T n-Hexadecane (C16)	10.310	2307535	18.050 ug/ml
8) T n-Octadecane (C18)	11.760	2349660	18.009 ug/ml
10) T n-Eicosane (C20)	13.075	2264209	18.046 ug/ml
11) T n-Heneicosane (C21)	13.690	2204108	17.881 ug/ml
13) T n-Docosane (C22)	14.278	2245459	18.387 ug/ml
14) T n-Tetracosane (C24)	15.386	2349227	19.314 ug/ml
15) T n-Hexacosane (C26)	16.410	2392181	19.994 ug/ml
16) T n-Octacosane (C28)	17.363	2451645	20.667 ug/ml
17) T n-Tricontane (C30)	18.253	2721077	22.114 ug/ml
18) T n-Dotriacontane (C32)	19.087	2769942	22.702 ug/ml
19) T n-Tetratriacontane (C34)	19.873	2514608	21.507 ug/ml
20) T n-Hexatriacontane (C36)	20.614	2298162	21.026 ug/ml
21) T n-Octatriacontane (C38)	21.397	2040612	18.882 ug/ml
22) T n-Tetracontane (C40)	22.391	1898772	18.157 ug/ml

(f)=RT Delta > 1/2 Window

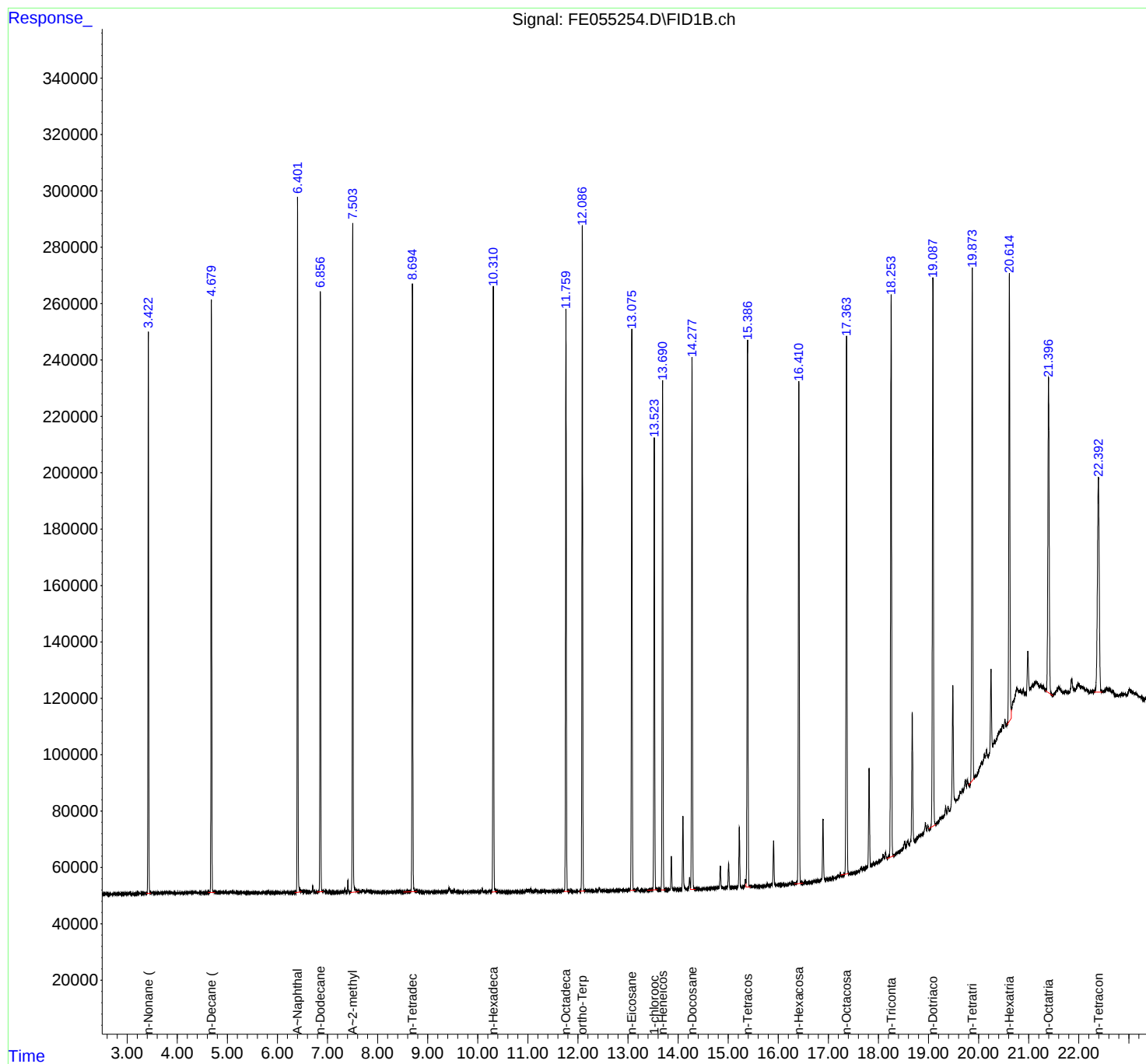
(m)=manual int.

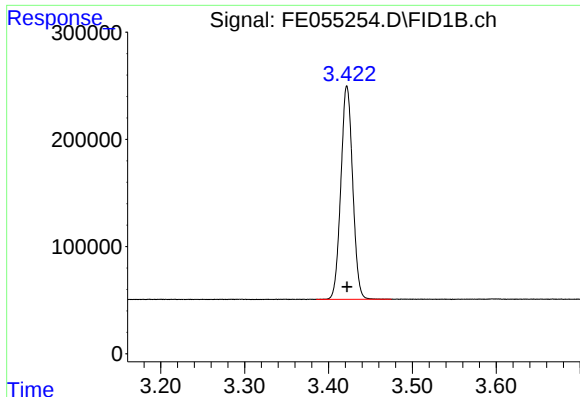
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
Data File : FE055254.D
Signal(s) : FID1B.ch
Acq On : 12 Aug 2025 13:54
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Aug 13 04:02:34 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

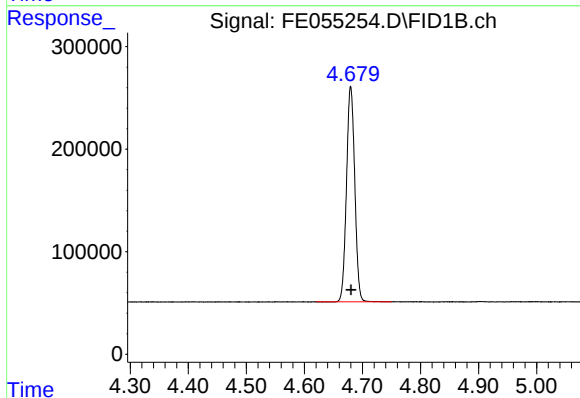




#1 n-Nonane (C9)

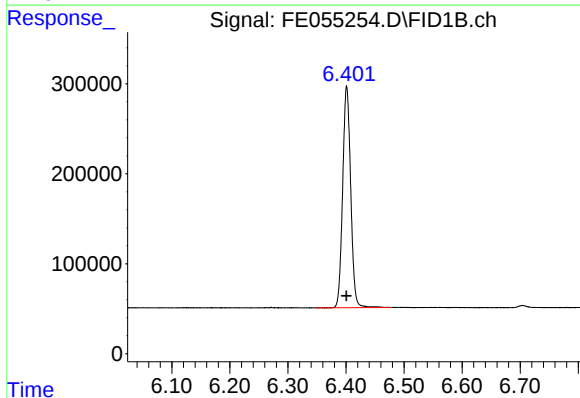
R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 1951803
Conc: 17.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



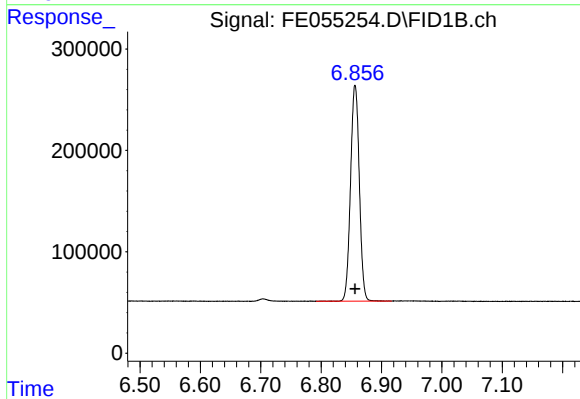
#2 n-Decane (C10)

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 2077381
Conc: 17.83 ug/ml



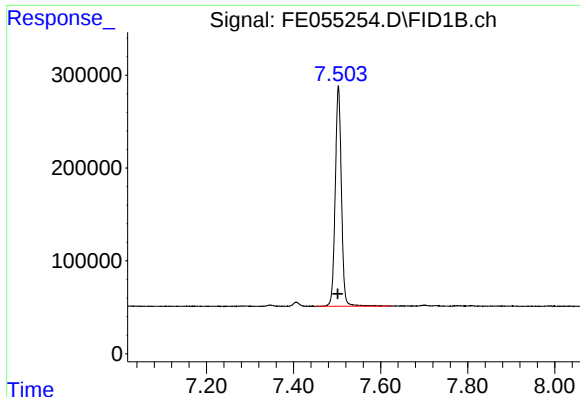
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 2369901
Conc: 17.66 ug/ml



#4 n-Dodecane (C12)

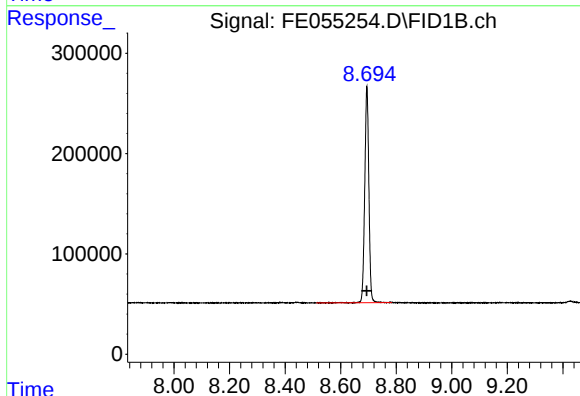
R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 2149078
Conc: 18.05 ug/ml



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

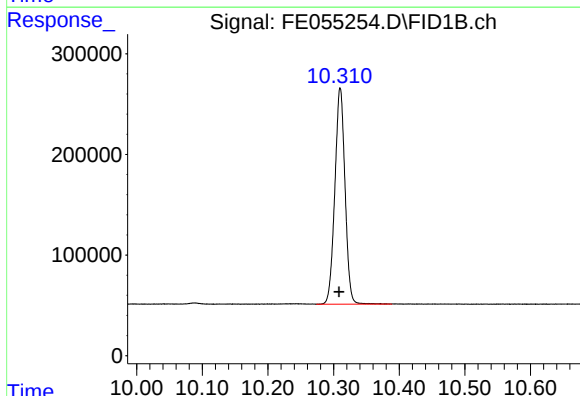
R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 2333319
Conc: 17.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



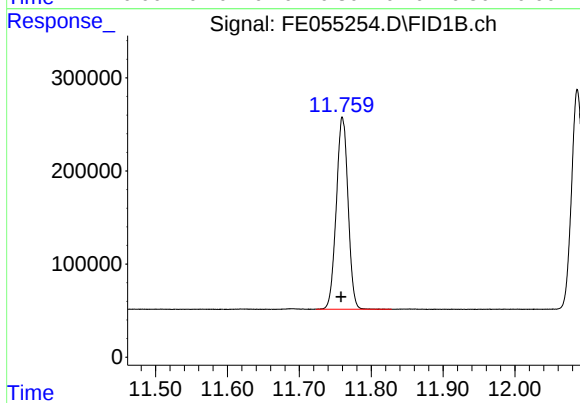
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2219873
Conc: 18.11 ug/ml



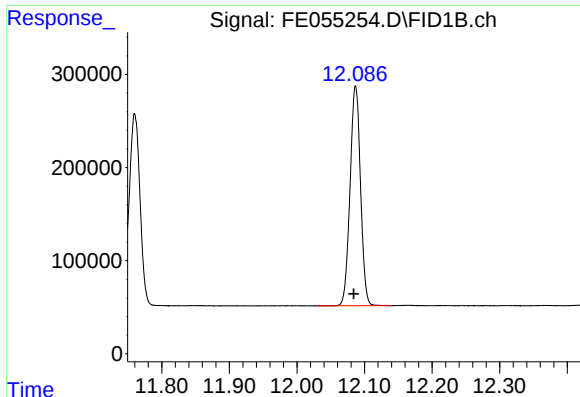
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.002 min
Response: 2307535
Conc: 18.05 ug/ml



#8 n-Octadecane (C18)

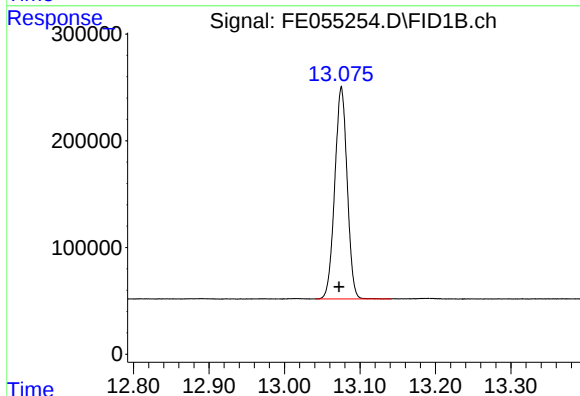
R.T.: 11.760 min
Delta R.T.: 0.002 min
Response: 2349660
Conc: 18.01 ug/ml



#9 ortho-Terphenyl (SURR)

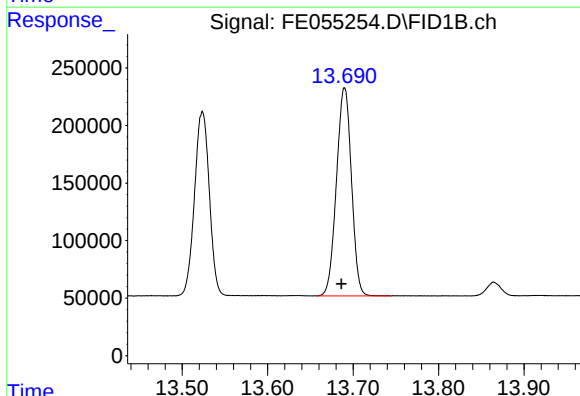
R.T.: 12.087 min
Delta R.T.: 0.003 min
Response: 2533577
Conc: 17.74 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



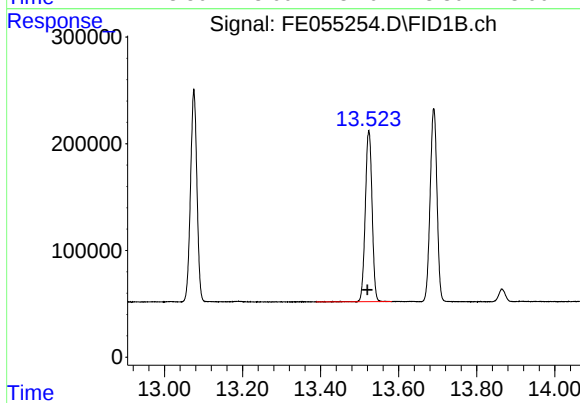
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.003 min
Response: 2264209
Conc: 18.05 ug/ml



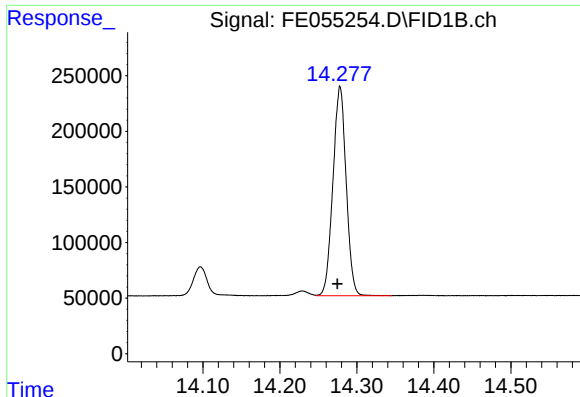
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.004 min
Response: 2204108
Conc: 17.88 ug/ml



#12 1-chlorooctadecane (SURR)

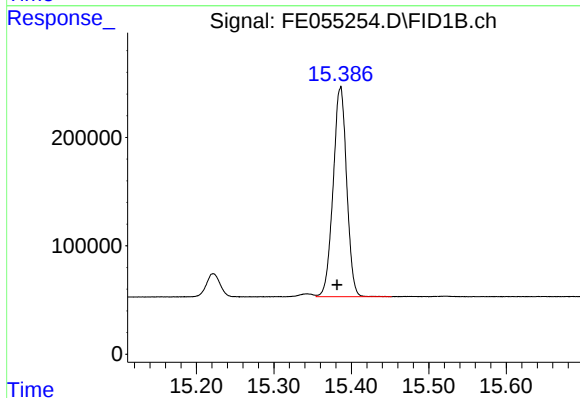
R.T.: 13.524 min
Delta R.T.: 0.003 min
Response: 1929361
Conc: 17.94 ug/ml



#13 n-Docosane (C22)

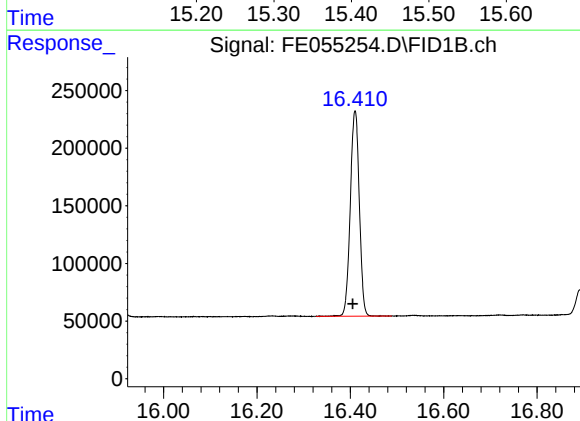
R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 2245459
Conc: 18.39 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



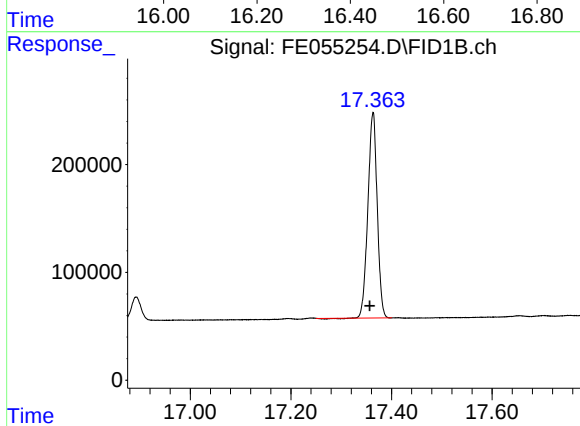
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.004 min
Response: 2349227
Conc: 19.31 ug/ml



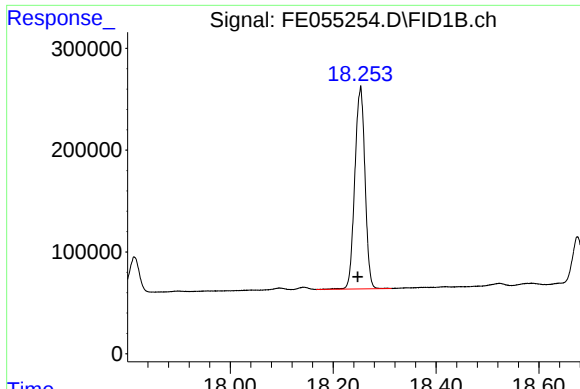
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 2392181
Conc: 19.99 ug/ml



#16 n-Octacosane (C28)

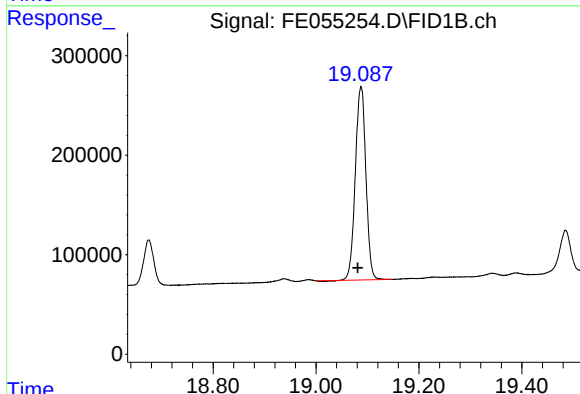
R.T.: 17.363 min
Delta R.T.: 0.006 min
Response: 2451645
Conc: 20.67 ug/ml



#17 n-Tricontane (C30)

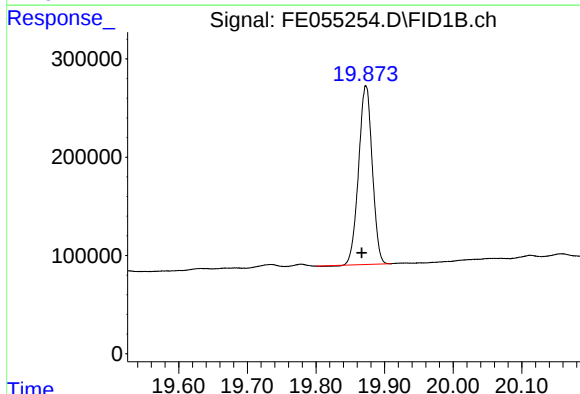
R.T.: 18.253 min
Delta R.T.: 0.005 min
Response: 2721077
Conc: 22.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



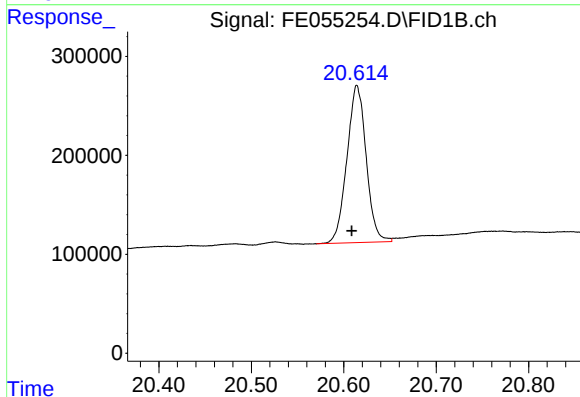
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 2769942
Conc: 22.70 ug/ml



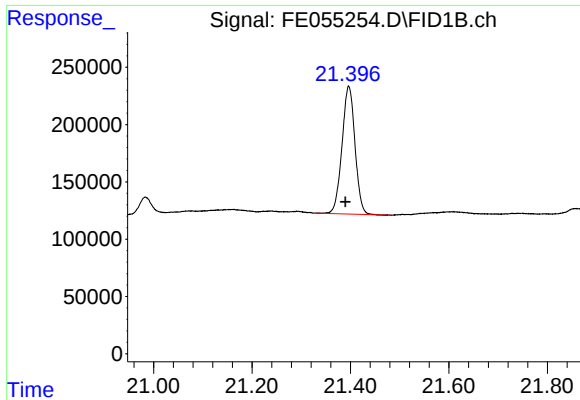
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.006 min
Response: 2514608
Conc: 21.51 ug/ml



#20 n-Hexatriacontane (C36)

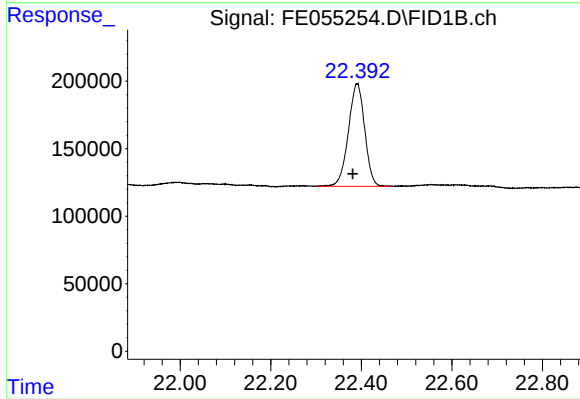
R.T.: 20.614 min
Delta R.T.: 0.006 min
Response: 2298162
Conc: 21.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.007 min
Response: 2040612
Conc: 18.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.391 min
Delta R.T.: 0.010 min
Response: 1898772
Conc: 18.16 ug/ml