

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081925AL\
 Data File : FE055378.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2025 10:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 20 01:17:21 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)	12.079	2355579	16.495 ug/ml
Spiked Amount 50.000		Recovery =	32.99%
12) S 1-chlorooctadecane (S...	13.515	1788660	16.635 ug/ml
Spiked Amount 50.000		Recovery =	33.27%
Target Compounds			
1) T n-Nonane (C9)	3.417	1734352	15.112 ug/ml
2) T n-Decane (C10)	4.675	1857560	15.945 ug/ml
3) T A~Naphthalene (C11.7)	6.394	2108837	15.711 ug/ml
4) T n-Dodecane (C12)	6.851	1923022	16.149 ug/ml
5) T A~2-methylnaphthalene...	7.495	2058639	15.789 ug/ml
6) T n-Tetradecane (C14)	8.688	1963910	16.018 ug/ml
7) T n-Hexadecane (C16)	10.302	2072616	16.212 ug/ml
8) T n-Octadecane (C18)	11.752	2160381	16.558 ug/ml
10) T n-Eicosane (C20)	13.067	2108973	16.808 ug/ml
11) T n-Heneicosane (C21)	13.681	2061559	16.724 ug/ml
13) T n-Docosane (C22)	14.270	2120442	17.364 ug/ml
14) T n-Tetracosane (C24)	15.377	2276424	18.715 ug/ml
15) T n-Hexacosane (C26)	16.401	2341754	19.572 ug/ml
16) T n-Octacosane (C28)	17.353	2488575	20.979 ug/ml
17) T n-Tricontane (C30)	18.242	2775786	22.558 ug/ml
18) T n-Dotriacontane (C32)	19.077	2877927	23.587 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2600433	22.241 ug/ml
20) T n-Hexatriacontane (C36)	20.603	2228681	20.391 ug/ml
21) T n-Octatriacontane (C38)	21.381	2012913	18.626 ug/ml
22) T n-Tetracontane (C40)	22.371	1868206	17.865 ug/ml

(f)=RT Delta > 1/2 Window

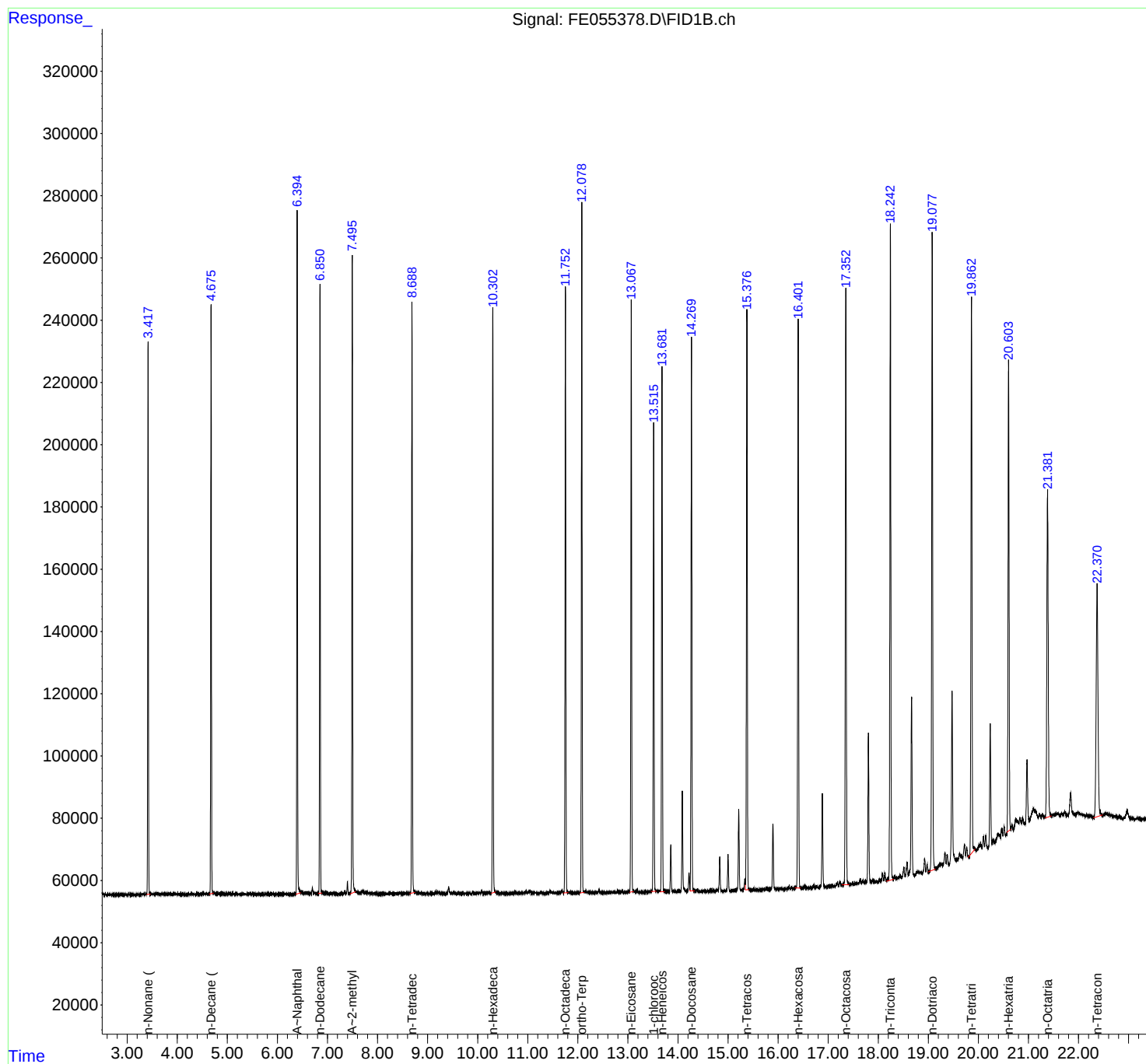
(m)=manual int.

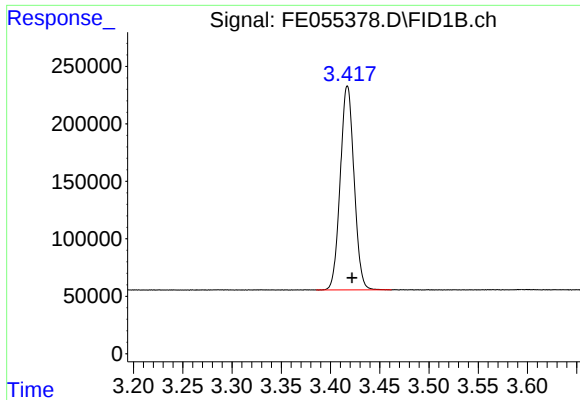
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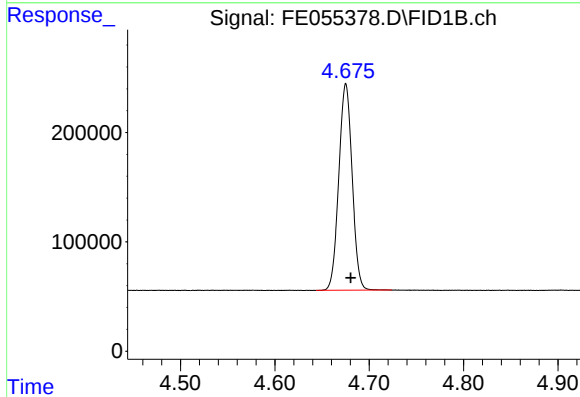




#1 n-Nonane (C9)

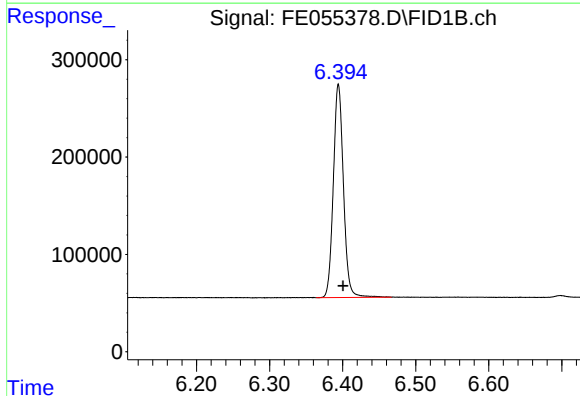
R.T.: 3.417 min
Delta R.T.: -0.005 min
Response: 1734352
Conc: 15.11 ug/ml

Instrument :
FID_E
ClientSampleId :



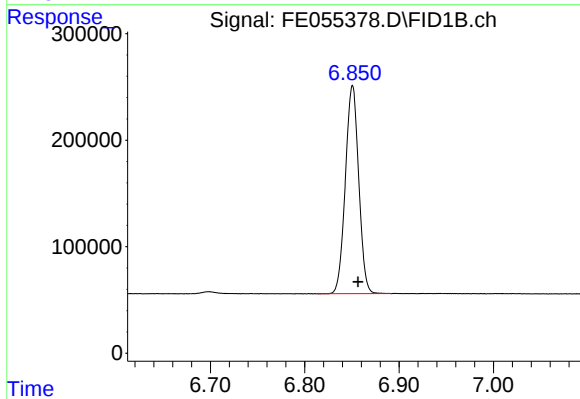
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.005 min
Response: 1857560
Conc: 15.95 ug/ml



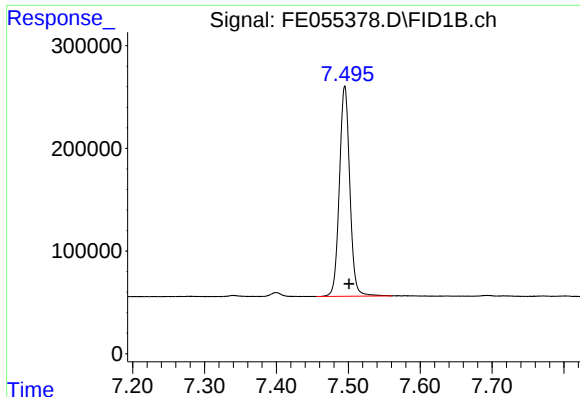
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: -0.006 min
Response: 2108837
Conc: 15.71 ug/ml



#4 n-Dodecane (C12)

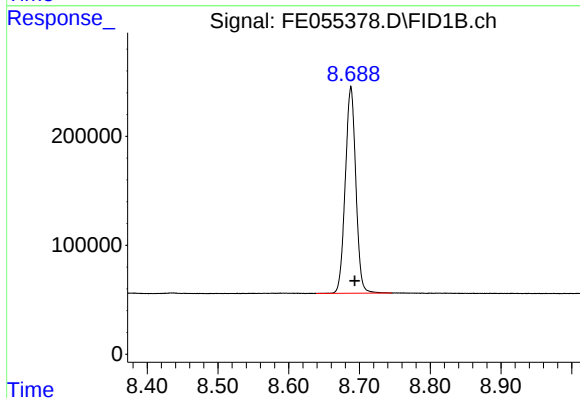
R.T.: 6.851 min
Delta R.T.: -0.006 min
Response: 1923022
Conc: 16.15 ug/ml



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

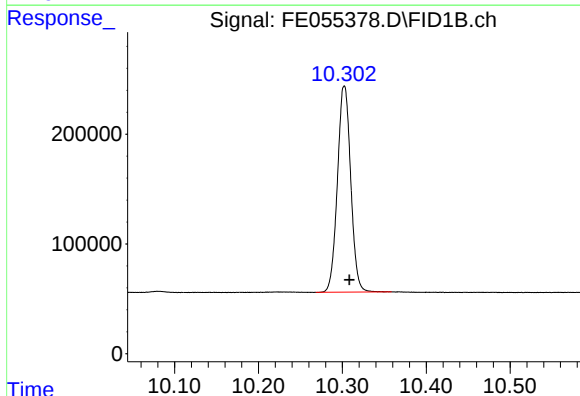
R.T.: 7.495 min
Delta R.T.: -0.006 min
Response: 2058639
Conc: 15.79 ug/ml

Instrument :
FID_E
ClientSampleId :



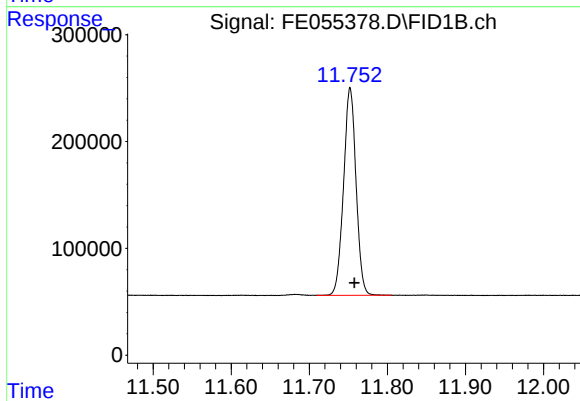
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: -0.006 min
Response: 1963910
Conc: 16.02 ug/ml



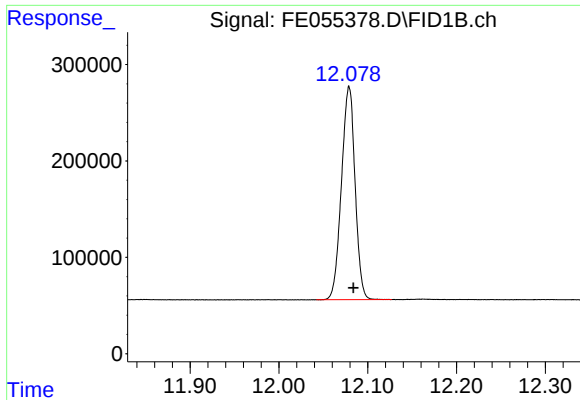
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: -0.006 min
Response: 2072616
Conc: 16.21 ug/ml



#8 n-Octadecane (C18)

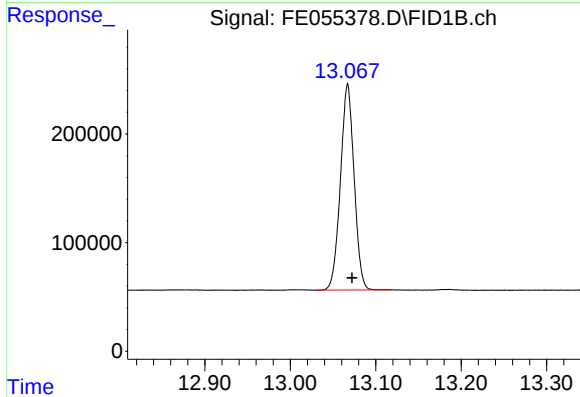
R.T.: 11.752 min
Delta R.T.: -0.005 min
Response: 2160381
Conc: 16.56 ug/ml



#9 ortho-Terphenyl (SURR)

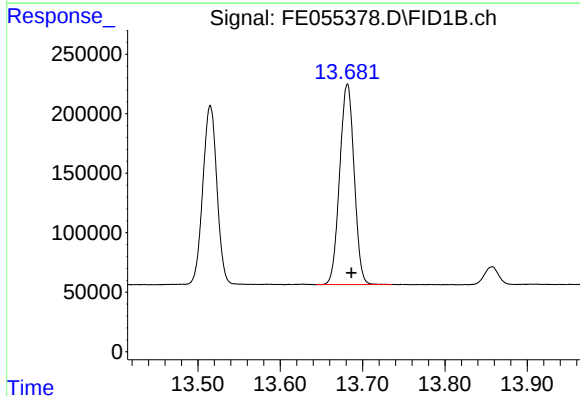
R.T.: 12.079 min
Delta R.T.: -0.005 min
Response: 2355579
Conc: 16.50 ug/ml

Instrument :
FID_E
ClientSampleId :



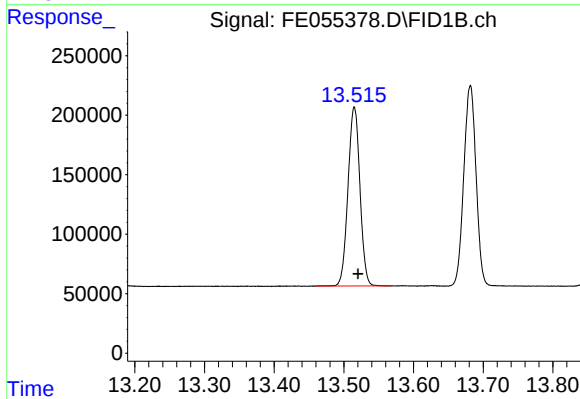
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.005 min
Response: 2108973
Conc: 16.81 ug/ml



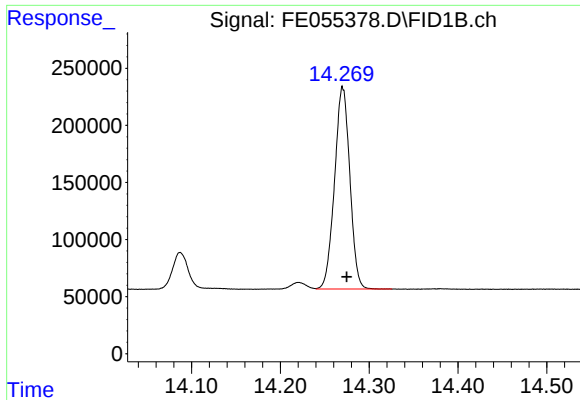
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: -0.005 min
Response: 2061559
Conc: 16.72 ug/ml



#12 1-chlorooctadecane (SURR)

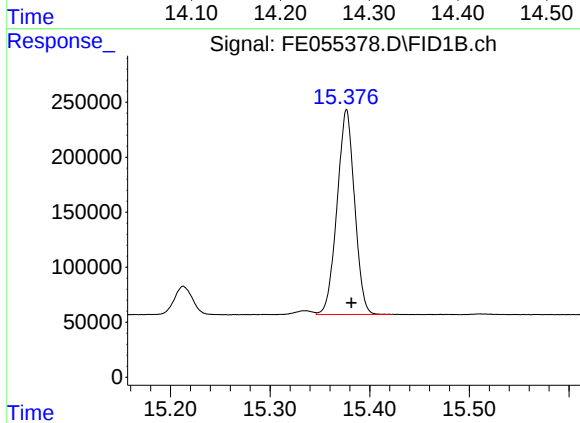
R.T.: 13.515 min
Delta R.T.: -0.005 min
Response: 1788660
Conc: 16.63 ug/ml



#13 n-Docosane (C22)

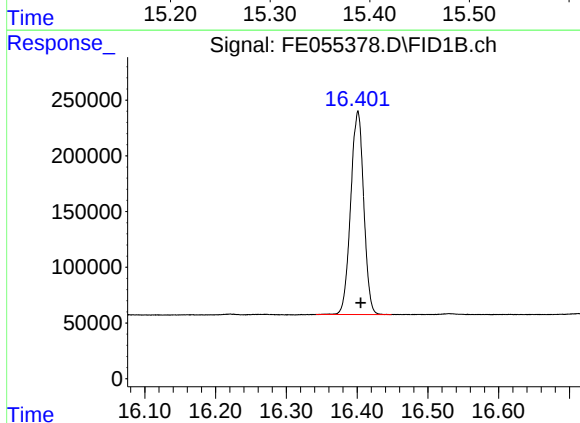
R.T.: 14.270 min
Delta R.T.: -0.005 min
Response: 2120442
Conc: 17.36 ug/ml

Instrument :
FID_E
ClientSampleId :



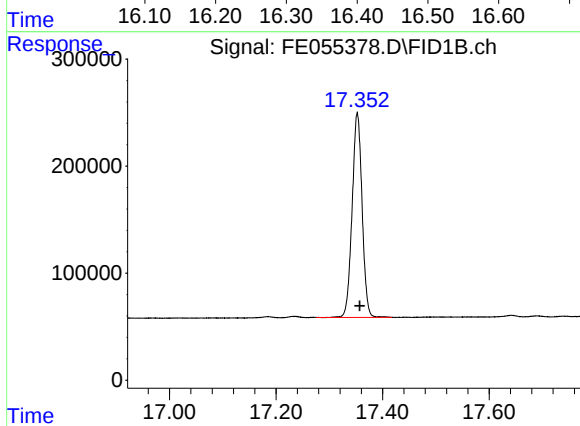
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 2276424
Conc: 18.72 ug/ml



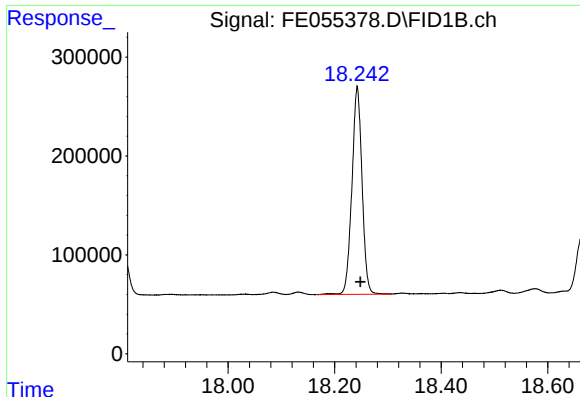
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 2341754
Conc: 19.57 ug/ml



#16 n-Octacosane (C28)

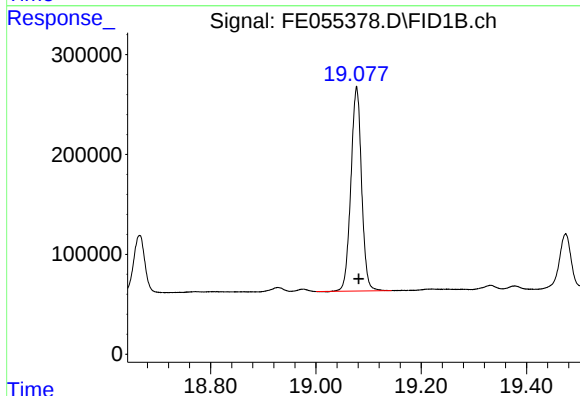
R.T.: 17.353 min
Delta R.T.: -0.004 min
Response: 2488575
Conc: 20.98 ug/ml



#17 n-Tricontane (C30)

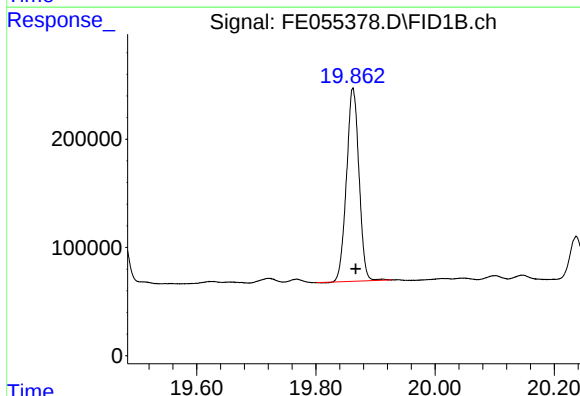
R.T.: 18.242 min
Delta R.T.: -0.006 min
Response: 2775786
Conc: 22.56 ug/ml

Instrument :
FID_E
ClientSampleId :



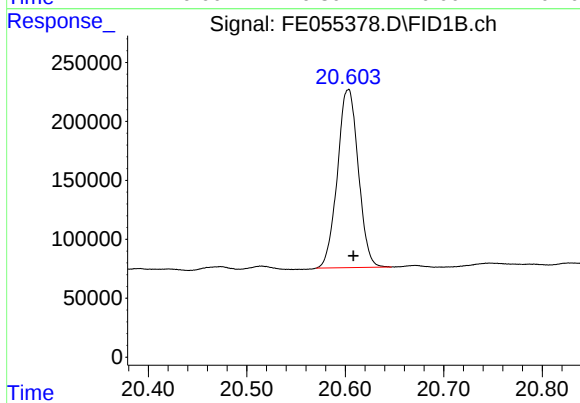
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: -0.004 min
Response: 2877927
Conc: 23.59 ug/ml



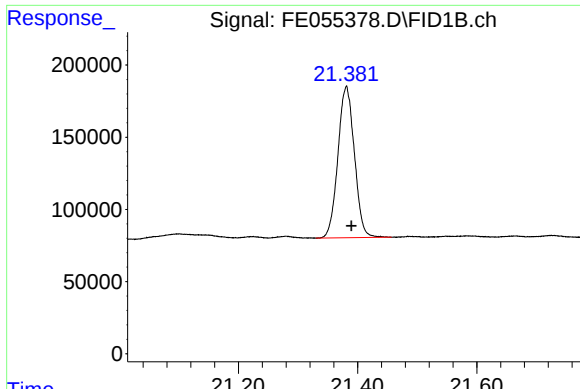
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 2600433
Conc: 22.24 ug/ml



#20 n-Hexatriacontane (C36)

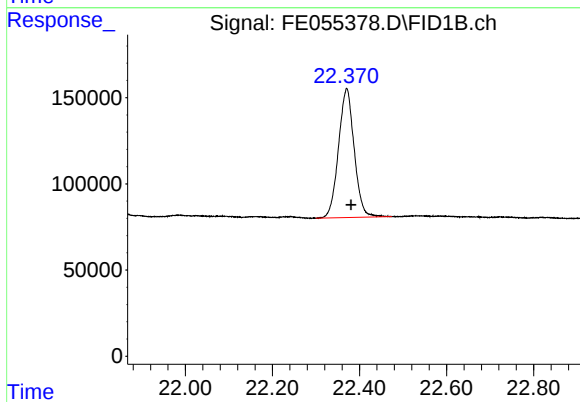
R.T.: 20.603 min
Delta R.T.: -0.006 min
Response: 2228681
Conc: 20.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: -0.009 min
Response: 2012913
Conc: 18.63 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: -0.010 min
Response: 1868206
Conc: 17.86 ug/ml