

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055375.D
 Signal(s) : FID1B.ch
 Acq On : 19 Aug 2025 01:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:33:21 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	2849481	19.954 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	13.515	2173015	20.210 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T n-Nonane (C9)	3.418	2298187	20.024 ug/ml
2) T n-Decane (C10)	4.675	2367013	20.318 ug/ml
3) T A~Naphthalene (C11.7)	6.395	2698518	20.104 ug/ml
4) T n-Dodecane (C12)	6.851	2419623	20.319 ug/ml
5) T A~2-methylnaphthalene...	7.496	2601248	19.951 ug/ml
6) T n-Tetradecane (C14)	8.688	2474459	20.182 ug/ml
7) T n-Hexadecane (C16)	10.303	2564430	20.059 ug/ml
8) T n-Octadecane (C18)	11.752	2608173	19.990 ug/ml
10) T n-Eicosane (C20)	13.068	2510202	20.006 ug/ml
11) T n-Heneicosane (C21)	13.682	2462559	19.977 ug/ml
13) T n-Docosane (C22)	14.270	2442366	20.000 ug/ml
14) T n-Tetracosane (C24)	15.376	2436614	20.032 ug/ml
15) T n-Hexacosane (C26)	16.401	2390821	19.983 ug/ml
16) T n-Octacosane (C28)	17.353	2459824	20.736 ug/ml
17) T n-Tricontane (C30)	18.242	2694619	21.899 ug/ml
18) T n-Dotriacontane (C32)	19.076	2982371	24.443 ug/ml
19) T n-Tetratriacontane (C34)	19.861	3239261	27.705 ug/ml
20) T n-Hexatriacontane (C36)	20.602	3410577	31.204 ug/ml
21) T n-Octatriacontane (C38)	21.380	4178247	38.662 ug/ml
22) T n-Tetracontane (C40)	22.368	5679167	54.307 ug/ml

(f)=RT Delta > 1/2 Window

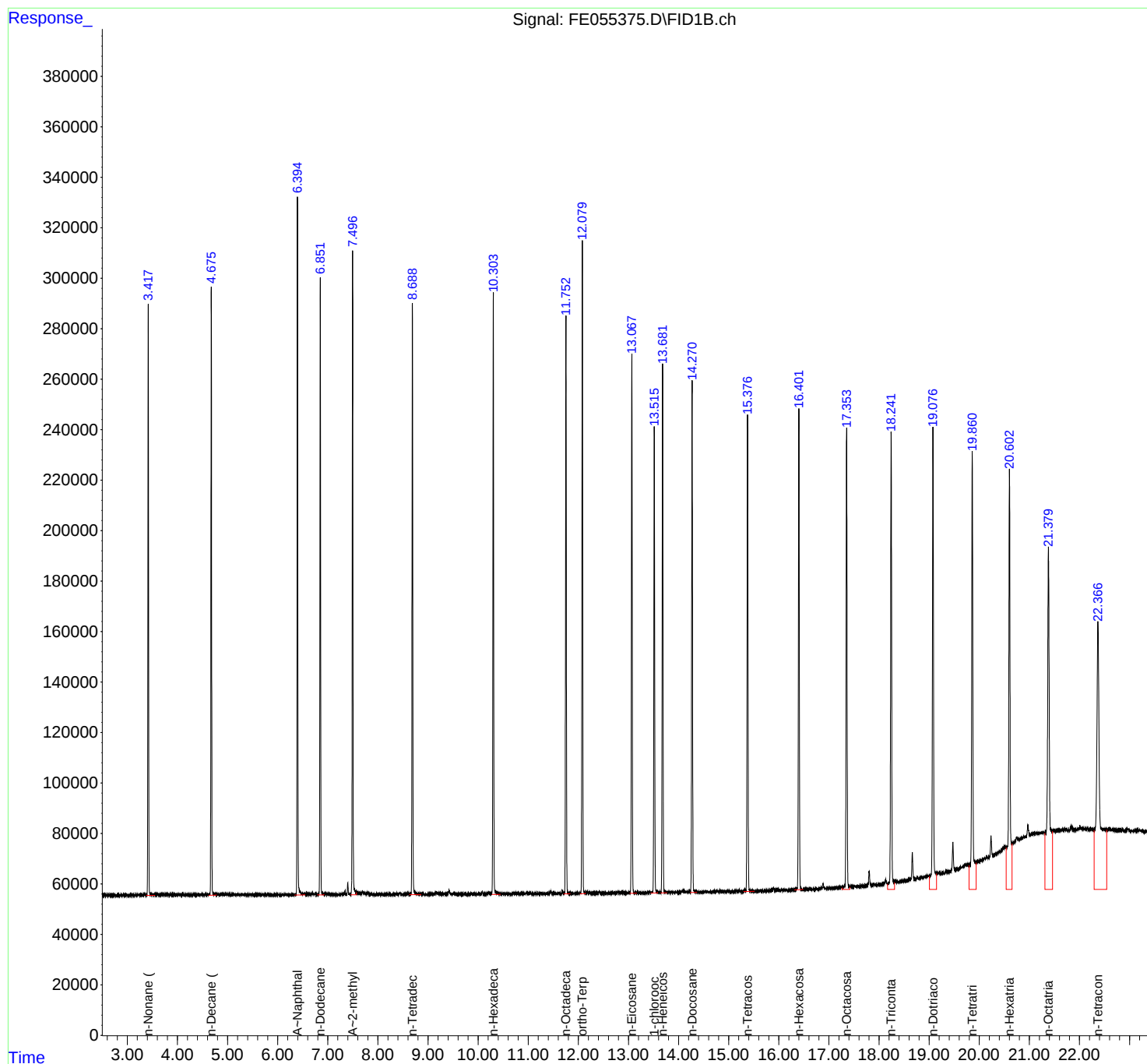
(m)=manual int.

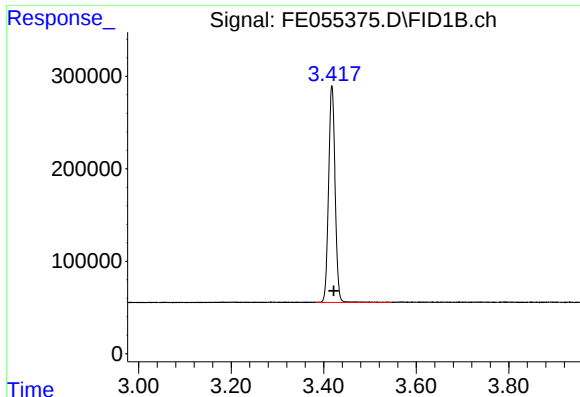
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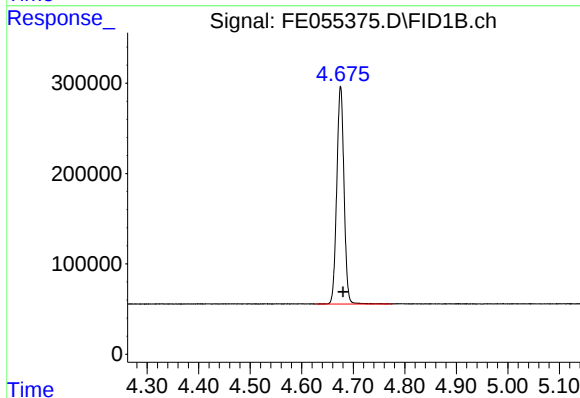




#1 n-Nonane (C9)

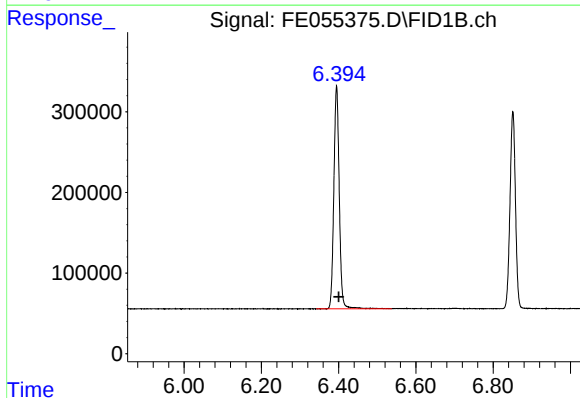
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2298187
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :



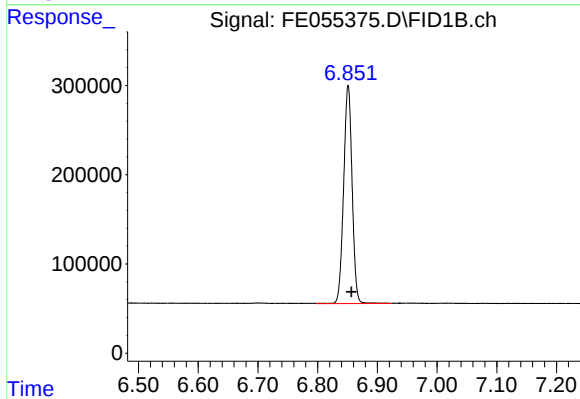
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.005 min
Response: 2367013
Conc: 20.32 ug/ml



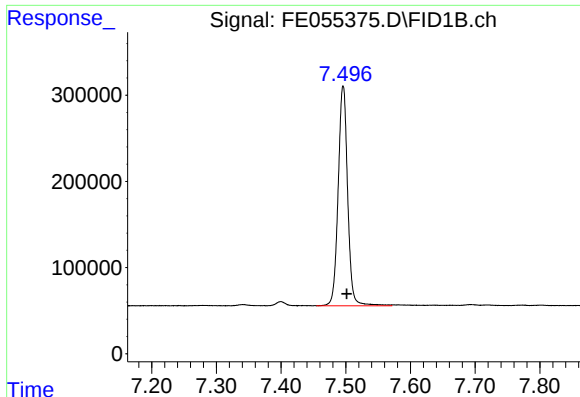
#3 A~Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: -0.006 min
Response: 2698518
Conc: 20.10 ug/ml



#4 n-Dodecane (C12)

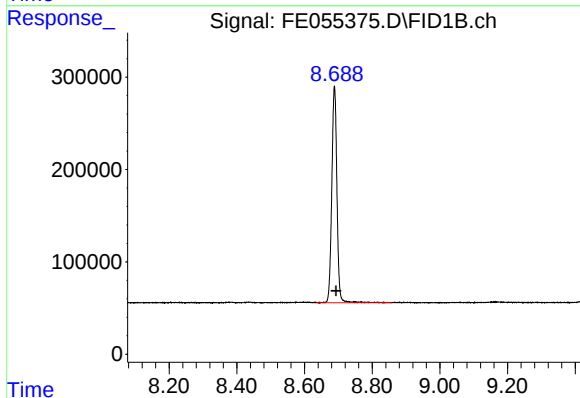
R.T.: 6.851 min
Delta R.T.: -0.005 min
Response: 2419623
Conc: 20.32 ug/ml



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

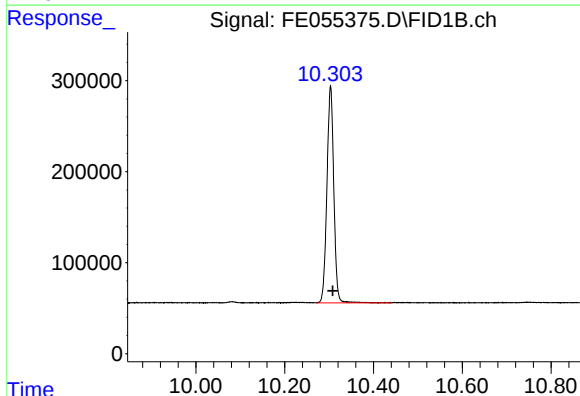
R.T.: 7.496 min
Delta R.T.: -0.005 min
Response: 2601248
Conc: 19.95 ug/ml

Instrument :
FID_E
ClientSampleId :



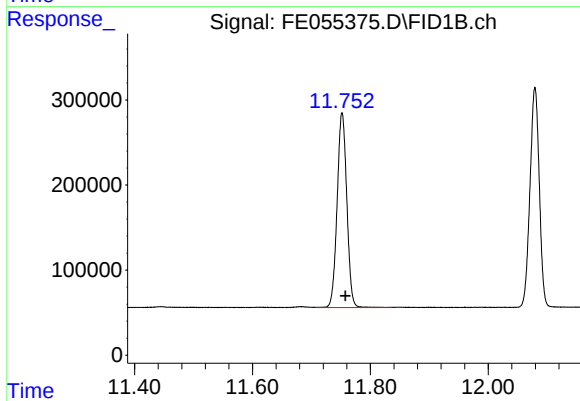
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: -0.005 min
Response: 2474459
Conc: 20.18 ug/ml



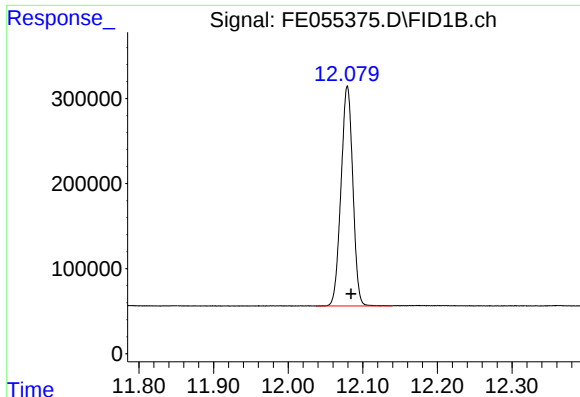
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 2564430
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

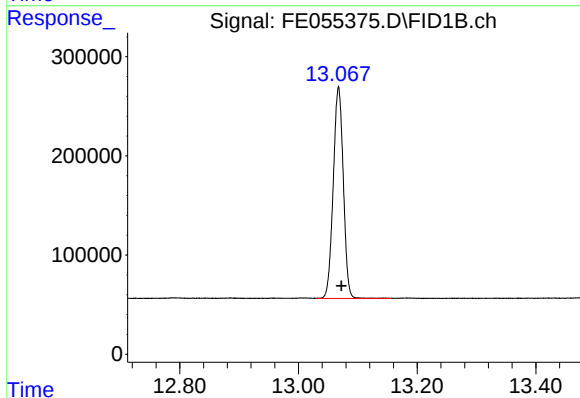
R.T.: 11.752 min
Delta R.T.: -0.006 min
Response: 2608173
Conc: 19.99 ug/ml



#9 ortho-Terphenyl (SURR)

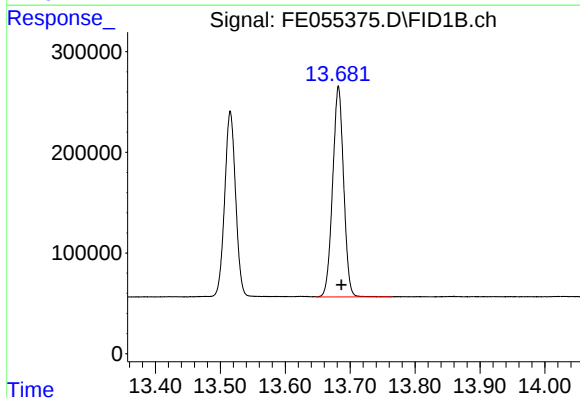
R.T.: 12.079 min
Delta R.T.: -0.005 min
Response: 2849481
Conc: 19.95 ug/ml

Instrument :
FID_E
ClientSampleId :



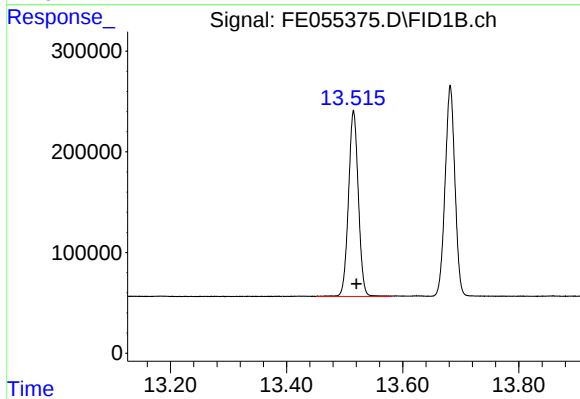
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 2510202
Conc: 20.01 ug/ml



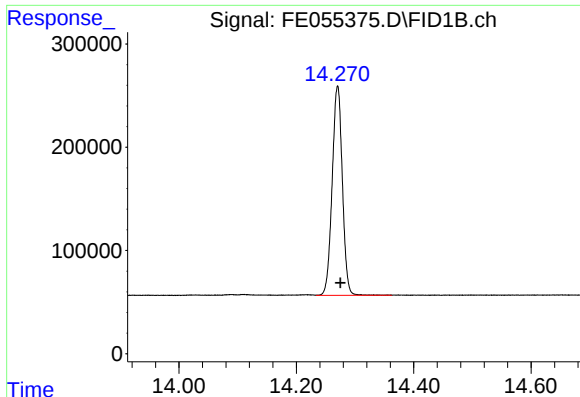
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.004 min
Response: 2462559
Conc: 19.98 ug/ml



#12 1-chlorooctadecane (SURR)

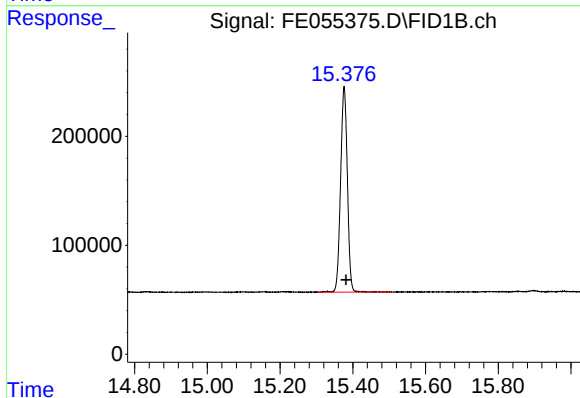
R.T.: 13.515 min
Delta R.T.: -0.005 min
Response: 2173015
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

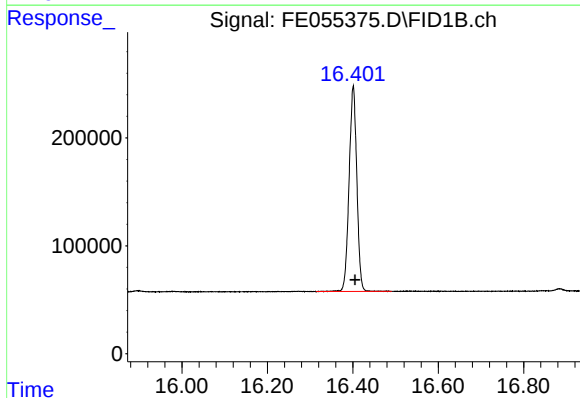
R.T.: 14.270 min
Delta R.T.: -0.005 min
Response: 2442366
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :



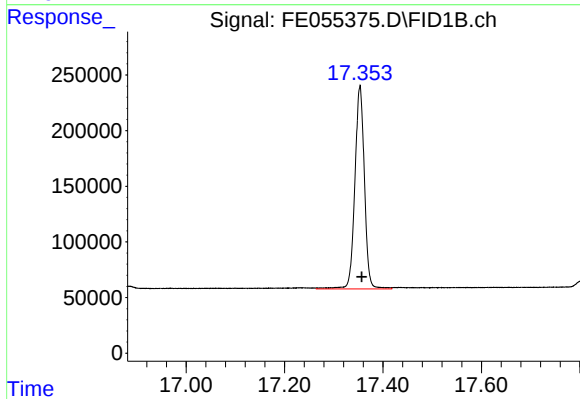
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 2436614
Conc: 20.03 ug/ml



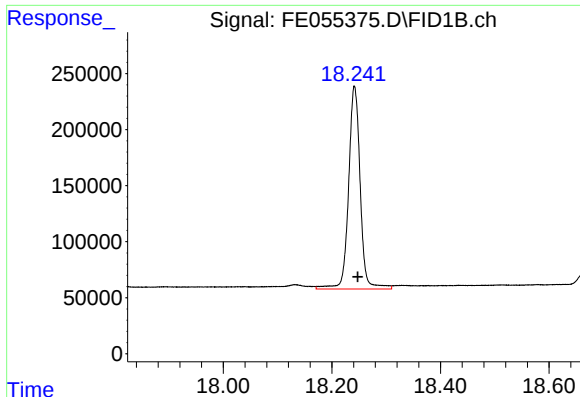
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: -0.004 min
Response: 2390821
Conc: 19.98 ug/ml



#16 n-Octacosane (C28)

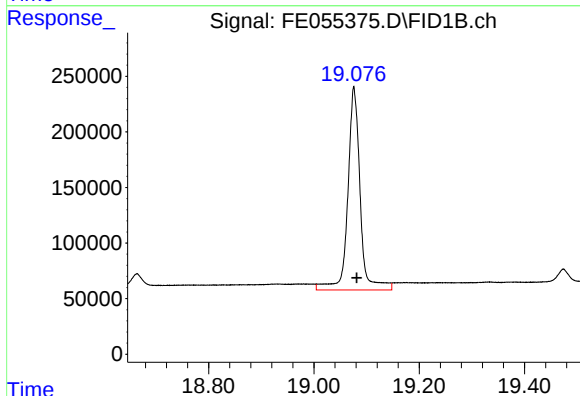
R.T.: 17.353 min
Delta R.T.: -0.004 min
Response: 2459824
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

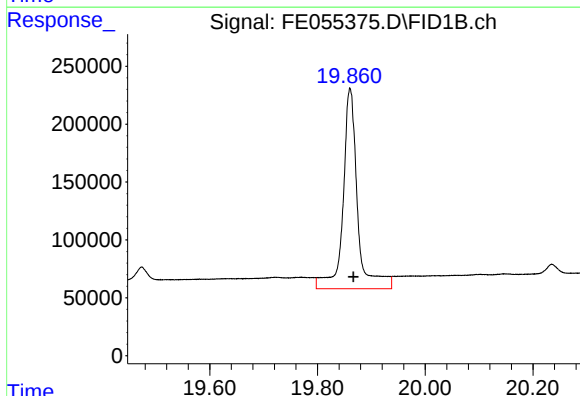
R.T.: 18.242 min
Delta R.T.: -0.006 min
Response: 2694619
Conc: 21.90 ug/ml

Instrument :
FID_E
ClientSampleId :



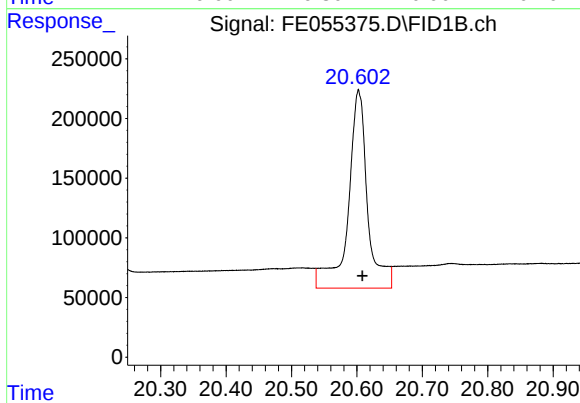
#18 n-Dotriacontane (C32)

R.T.: 19.076 min
Delta R.T.: -0.005 min
Response: 2982371
Conc: 24.44 ug/ml



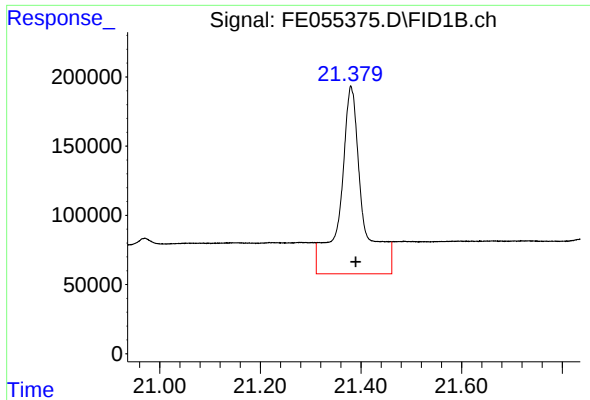
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: -0.006 min
Response: 3239261
Conc: 27.71 ug/ml



#20 n-Hexatriacontane (C36)

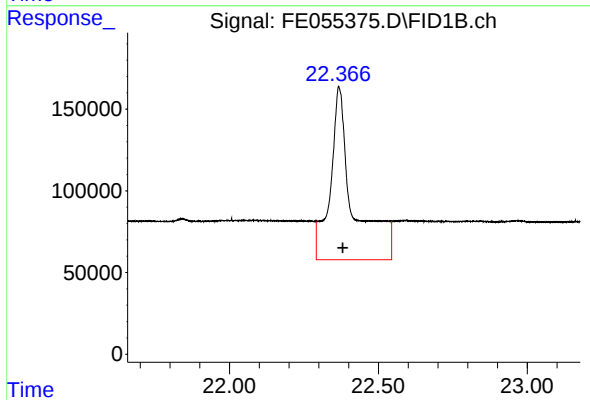
R.T.: 20.602 min
Delta R.T.: -0.006 min
Response: 3410577
Conc: 31.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: -0.009 min
Response: 4178247
Conc: 38.66 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: -0.013 min
Response: 5679167
Conc: 54.31 ug/ml