

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070924AL\
 Data File : FECCC02.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2024 23:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 10 01:29:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.924	2765037	16.536 ug/ml
Spiked Amount 50.000		Recovery =	33.07%
12) S 1-chlorooctadecane (S...	13.359	2090606	16.258 ug/ml
Spiked Amount 50.000		Recovery =	32.52%
Target Compounds			
1) T n-Nonane (C9)	3.311	2617395	17.410 ug/ml
2) T n-Decane (C10)	4.561	2727297	17.722 ug/ml
3) T A~Naphthalene (C11.7)	6.267	2757288	17.368 ug/ml
4) T n-Dodecane (C12)	6.727	2723359	17.641 ug/ml
5) T A~2-methylnaphthalene...	7.363	2620684	17.305 ug/ml
6) T n-Tetradecane (C14)	8.555	2681049	17.493 ug/ml
7) T n-Hexadecane (C16)	10.162	2711527	17.342 ug/ml
8) T n-Octadecane (C18)	11.604	2700244	16.931 ug/ml
10) T n-Eicosane (C20)	12.914	2576802	16.621 ug/ml
11) T n-Heneicosane (C21)	13.526	2529554	16.613 ug/ml
13) T n-Docosane (C22)	14.111	2500340	16.533 ug/ml
14) T n-Tetracosane (C24)	15.213	2512221	16.717 ug/ml
15) T n-Hexacosane (C26)	16.234	2500593	16.938 ug/ml
16) T n-Octacosane (C28)	17.183	2495511	17.304 ug/ml
17) T n-Tricontane (C30)	18.069	2631336	17.986 ug/ml
18) T n-Dotriacontane (C32)	18.902	2636444	18.439 ug/ml
19) T n-Tetratriacontane (C34)	19.684	2594410	18.750 ug/ml
20) T n-Hexatriacontane (C36)	20.424	2504938	19.274 ug/ml
21) T n-Octatriacontane (C38)	21.159	2549936	19.891 ug/ml
22) T n-Tetracontane (C40)	22.067	2567476	20.966 ug/ml

(f)=RT Delta > 1/2 Window

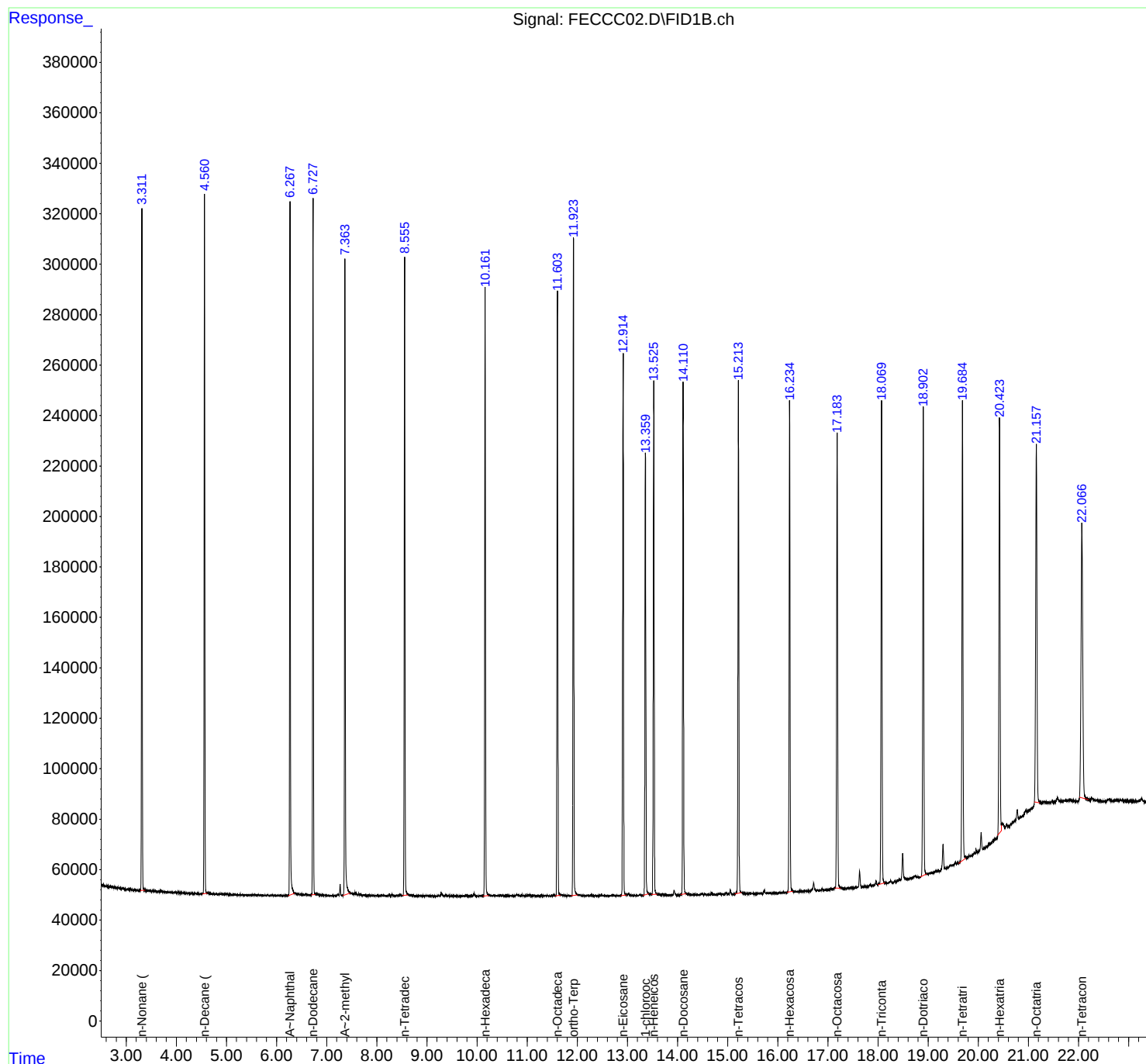
(m)=manual int.

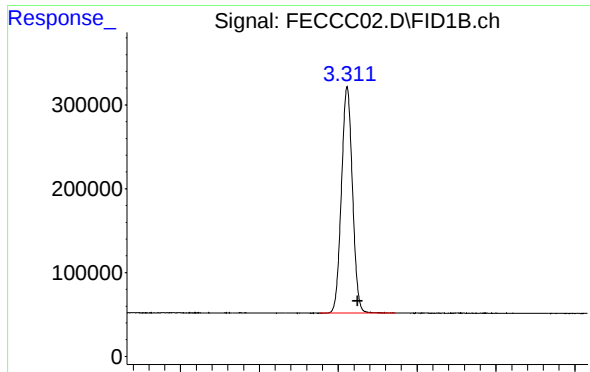
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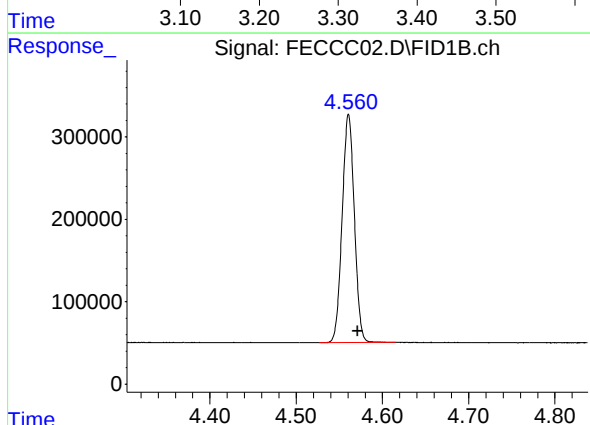




#1 n-Nonane (C9)

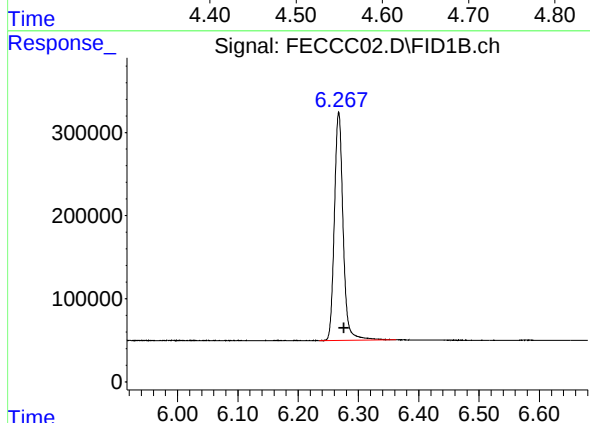
R.T.: 3.311 min
Delta R.T.: -0.014 min
Response: 2617395
Conc: 17.41 ug/ml

Instrument :
FID_E
ClientSampleId :



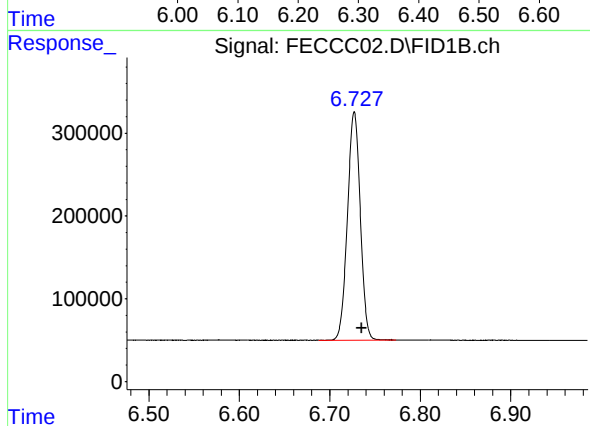
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.011 min
Response: 2727297
Conc: 17.72 ug/ml



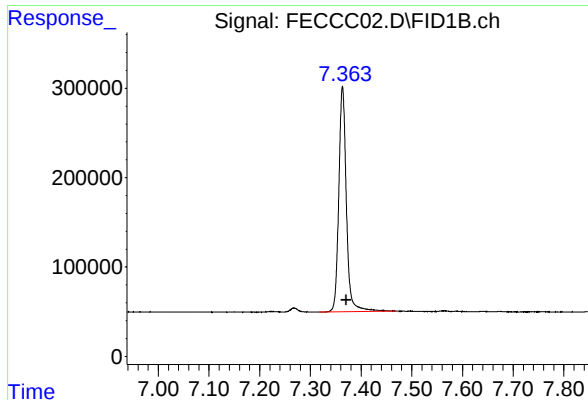
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: -0.009 min
Response: 2757288
Conc: 17.37 ug/ml



#4 n-Dodecane (C12)

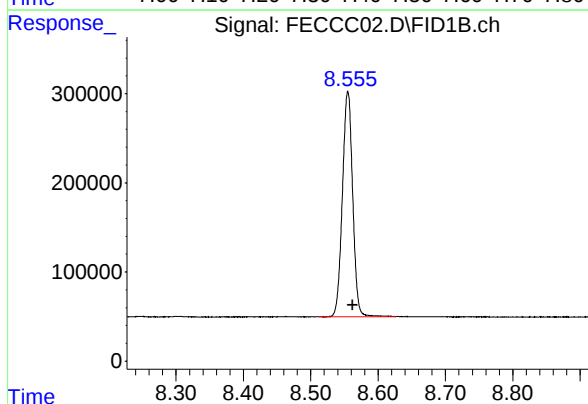
R.T.: 6.727 min
Delta R.T.: -0.008 min
Response: 2723359
Conc: 17.64 ug/ml



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

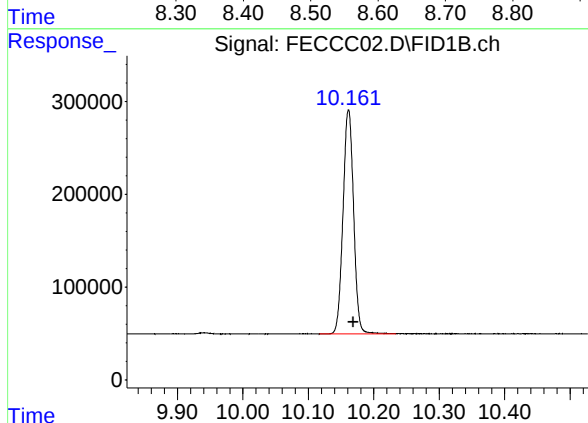
R.T.: 7.363 min
Delta R.T.: -0.007 min
Response: 2620684
Conc: 17.31 ug/ml

Instrument :
FID_E
ClientSampleId :



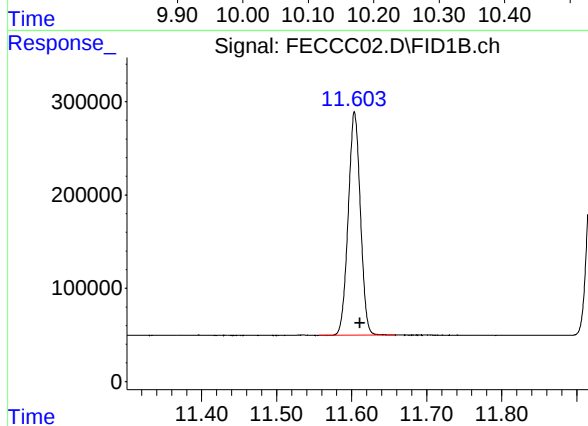
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: -0.007 min
Response: 2681049
Conc: 17.49 ug/ml



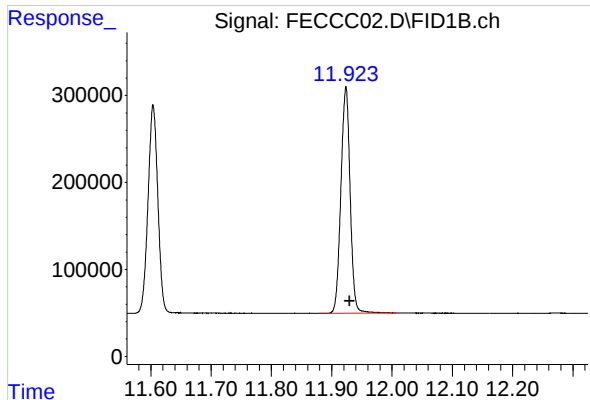
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.007 min
Response: 2711527
Conc: 17.34 ug/ml



#8 n-Octadecane (C18)

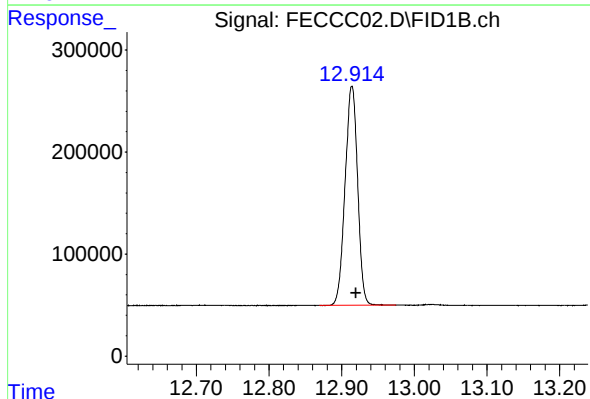
R.T.: 11.604 min
Delta R.T.: -0.007 min
Response: 2700244
Conc: 16.93 ug/ml



#9 ortho-Terphenyl (SURR)

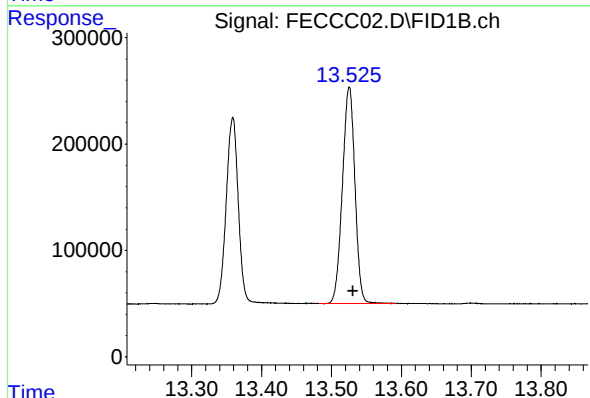
R.T.: 11.924 min
Delta R.T.: -0.006 min
Response: 2765037
Conc: 16.54 ug/ml

Instrument :
FID_E
ClientSampleId :



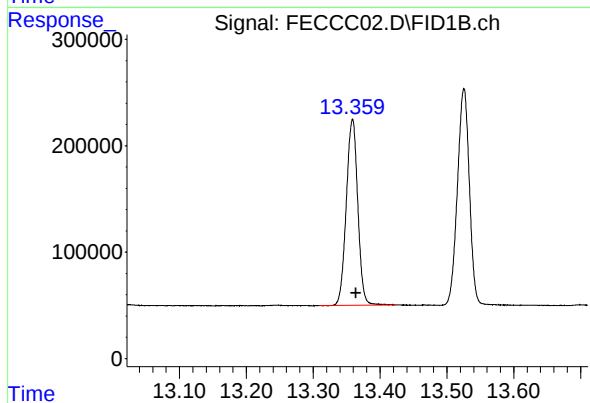
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.005 min
Response: 2576802
Conc: 16.62 ug/ml



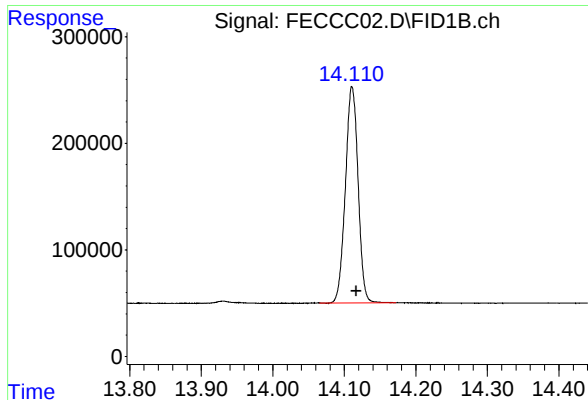
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.005 min
Response: 2529554
Conc: 16.61 ug/ml



#12 1-chlorooctadecane (SURR)

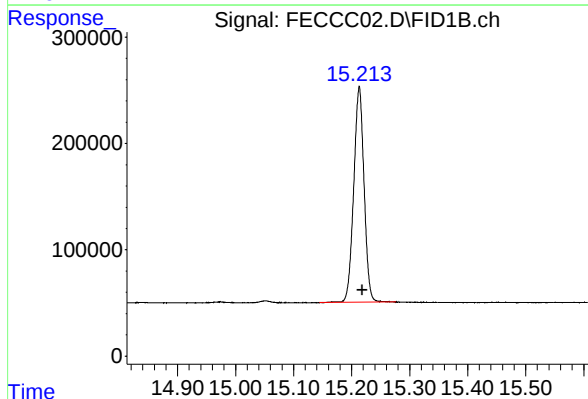
R.T.: 13.359 min
Delta R.T.: -0.005 min
Response: 2090606
Conc: 16.26 ug/ml



#13 n-Docosane (C22)

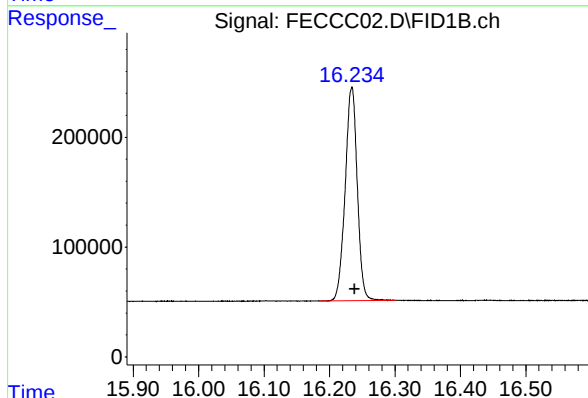
R.T.: 14.111 min
Delta R.T.: -0.006 min
Response: 2500340
Conc: 16.53 ug/ml

Instrument :
FID_E
ClientSampleId :



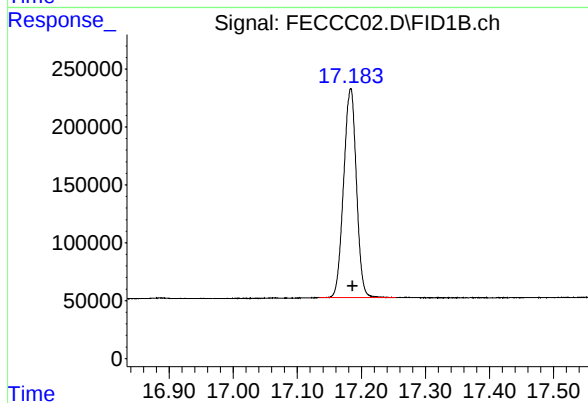
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.005 min
Response: 2512221
Conc: 16.72 ug/ml



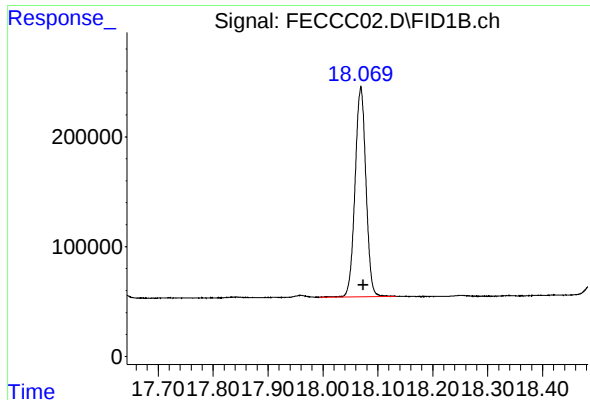
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.004 min
Response: 2500593
Conc: 16.94 ug/ml



#16 n-Octacosane (C28)

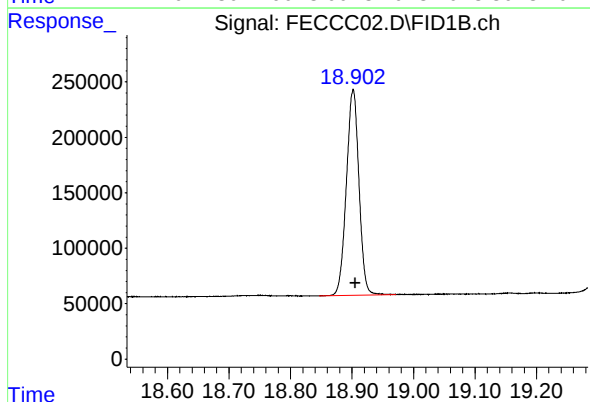
R.T.: 17.183 min
Delta R.T.: -0.003 min
Response: 2495511
Conc: 17.30 ug/ml



#17 n-Tricontane (C30)

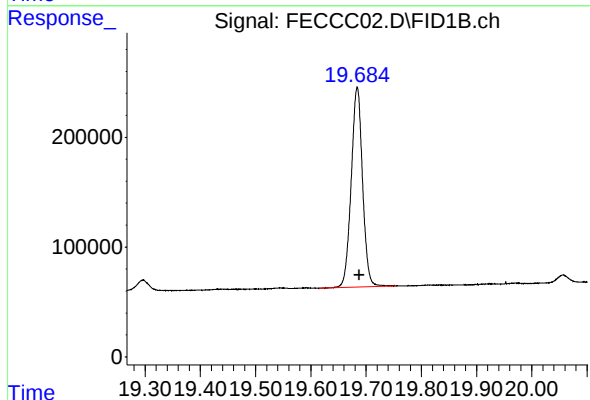
R.T.: 18.069 min
Delta R.T.: -0.004 min
Response: 2631336
Conc: 17.99 ug/ml

Instrument :
FID_E
ClientSampleId :



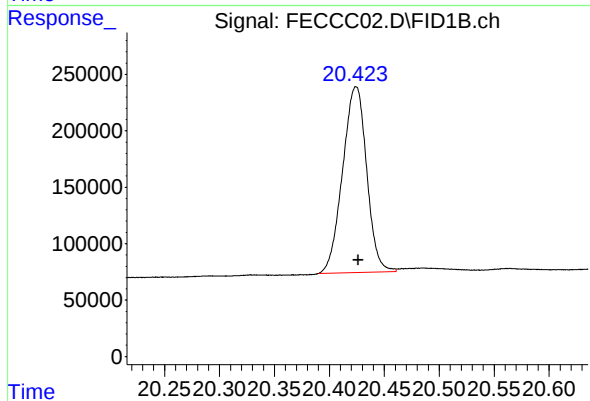
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.004 min
Response: 2636444
Conc: 18.44 ug/ml



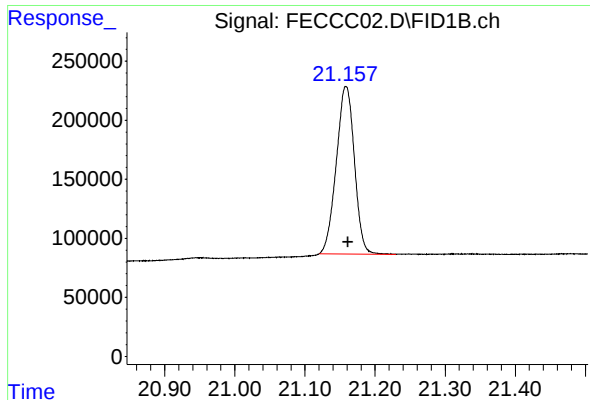
#19 n-Tetatriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.004 min
Response: 2594410
Conc: 18.75 ug/ml



#20 n-Hexatriacontane (C36)

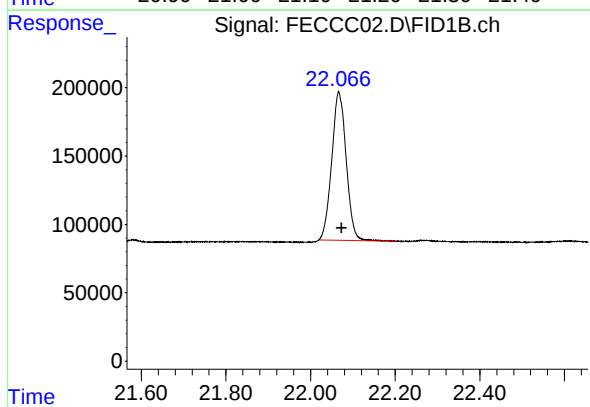
R.T.: 20.424 min
Delta R.T.: -0.002 min
Response: 2504938
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.003 min
Response: 2549936
Conc: 19.89 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.008 min
Response: 2567476
Conc: 20.97 ug/ml