

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070924AL\
 Data File : FECCC01.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2024 22:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 10 01:28:54 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)	11.925	3078841	18.413 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
12) S 1-chlorooctadecane (S...	13.359	2337724	18.180 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
Target Compounds			
1) T n-Nonane (C9)	3.312	2904157	19.317 ug/ml
2) T n-Decane (C10)	4.562	3023216	19.645 ug/ml
3) T A~Naphthalene (C11.7)	6.268	3080493	19.404 ug/ml
4) T n-Dodecane (C12)	6.728	3009097	19.492 ug/ml
5) T A~2-methylnaphthalene...	7.364	2912110	19.230 ug/ml
6) T n-Tetradecane (C14)	8.556	2976283	19.419 ug/ml
7) T n-Hexadecane (C16)	10.163	3011968	19.263 ug/ml
8) T n-Octadecane (C18)	11.605	3025204	18.968 ug/ml
10) T n-Eicosane (C20)	12.914	2886183	18.616 ug/ml
11) T n-Heneicosane (C21)	13.525	2822210	18.535 ug/ml
13) T n-Docosane (C22)	14.112	2810525	18.584 ug/ml
14) T n-Tetracosane (C24)	15.215	2828526	18.822 ug/ml
15) T n-Hexacosane (C26)	16.234	2821693	19.113 ug/ml
16) T n-Octacosane (C28)	17.184	2876910	19.949 ug/ml
17) T n-Tricontane (C30)	18.071	3160827	21.605 ug/ml
18) T n-Dotriacontane (C32)	18.901	3223305	22.544 ug/ml
19) T n-Tetratriacontane (C34)	19.685	3113658	22.502 ug/ml
20) T n-Hexatriacontane (C36)	20.425	2969640	22.849 ug/ml
21) T n-Octatriacontane (C38)	21.159	2955093	23.051 ug/ml
22) T n-Tetracontane (C40)	22.070	2941272	24.018 ug/ml

(f)=RT Delta > 1/2 Window

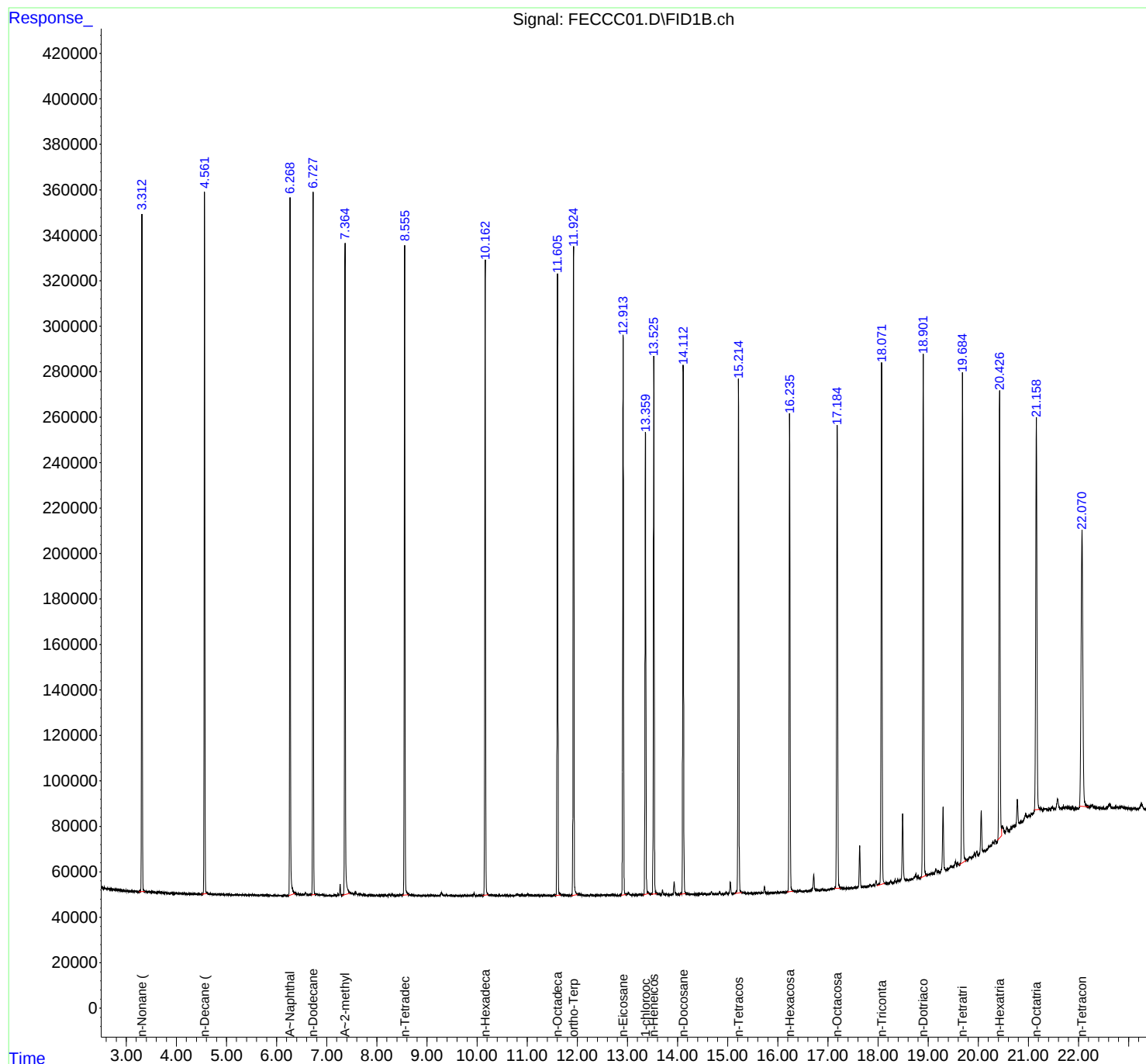
(m)=manual int.

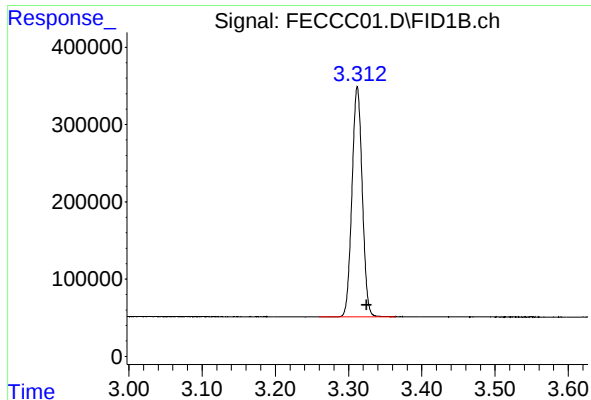
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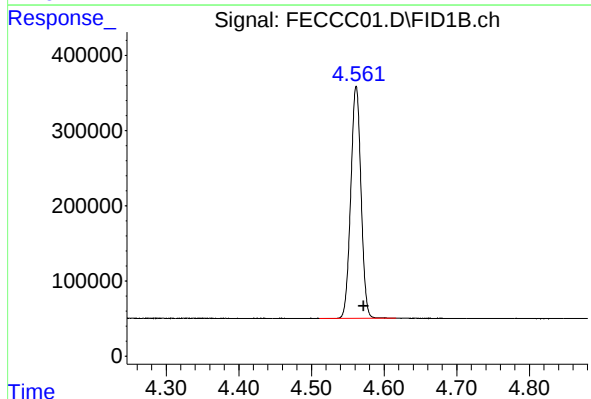




#1 n-Nonane (C9)

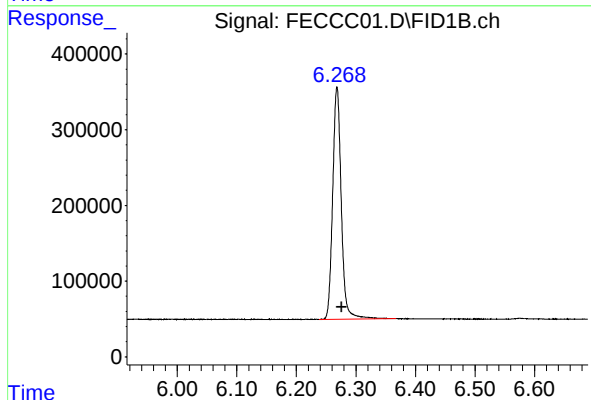
R.T.: 3.312 min
Delta R.T.: -0.013 min
Response: 2904157
Conc: 19.32 ug/ml

Instrument :
FID_E
ClientSampleId :



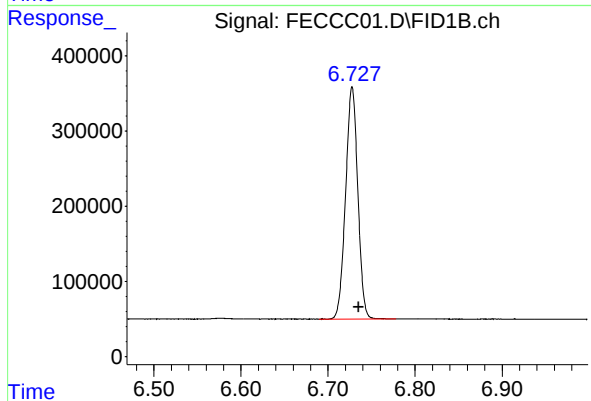
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.010 min
Response: 3023216
Conc: 19.65 ug/ml



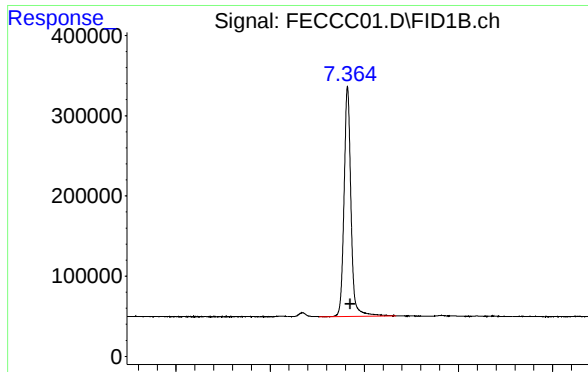
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: -0.008 min
Response: 3080493
Conc: 19.40 ug/ml



#4 n-Dodecane (C12)

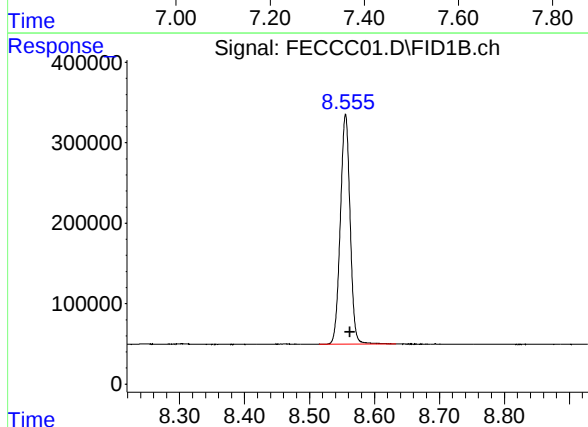
R.T.: 6.728 min
Delta R.T.: -0.007 min
Response: 3009097
Conc: 19.49 ug/ml



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

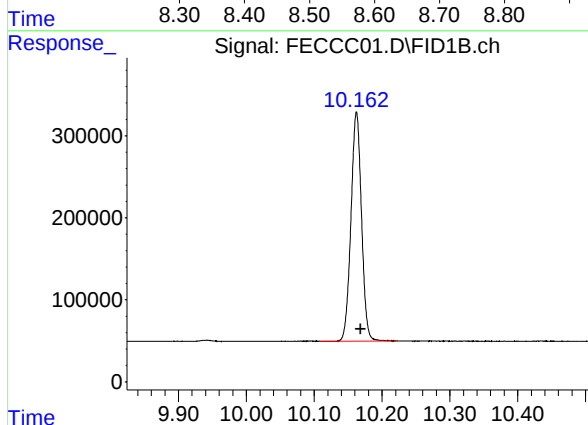
R.T.: 7.364 min
Delta R.T.: -0.006 min
Response: 2912110
Conc: 19.23 ug/ml

Instrument :
FID_E
ClientSampleId :



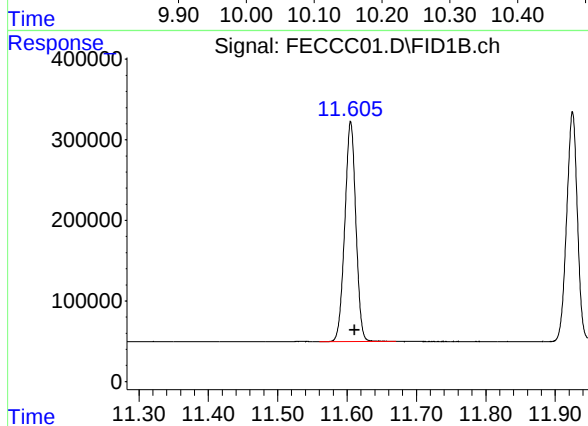
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: -0.007 min
Response: 2976283
Conc: 19.42 ug/ml



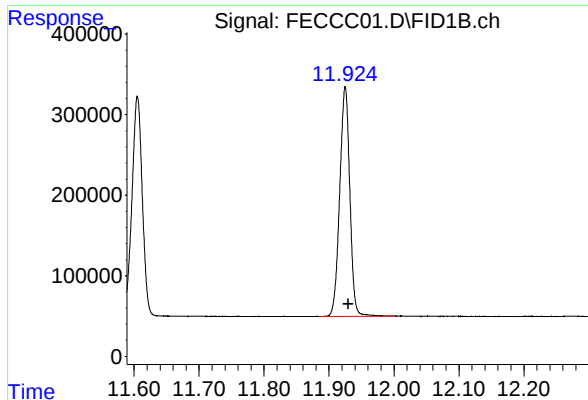
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: -0.006 min
Response: 3011968
Conc: 19.26 ug/ml



#8 n-Octadecane (C18)

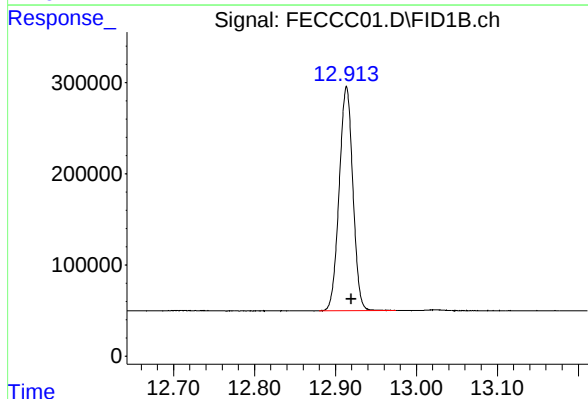
R.T.: 11.605 min
Delta R.T.: -0.006 min
Response: 3025204
Conc: 18.97 ug/ml



#9 ortho-Terphenyl (SURR)

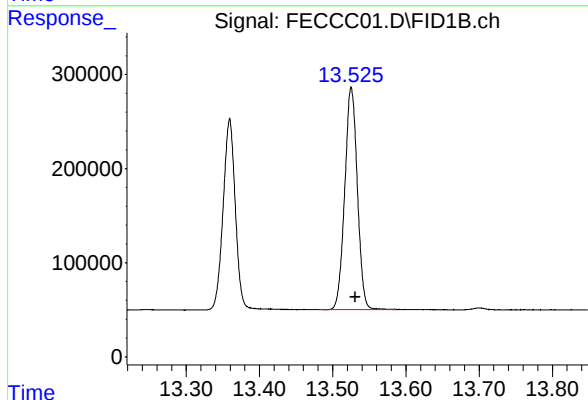
R.T.: 11.925 min
Delta R.T.: -0.005 min
Response: 3078841
Conc: 18.41 ug/ml

Instrument :
FID_E
ClientSampleId :



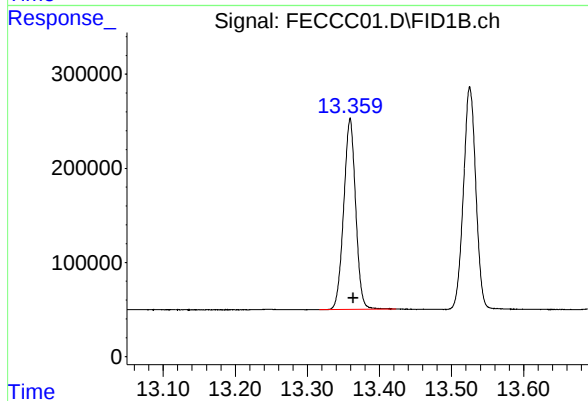
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.006 min
Response: 2886183
Conc: 18.62 ug/ml



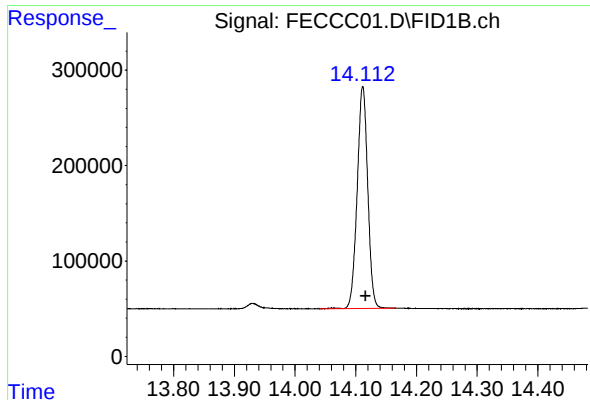
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.006 min
Response: 2822210
Conc: 18.53 ug/ml



#12 1-chlorooctadecane (SURR)

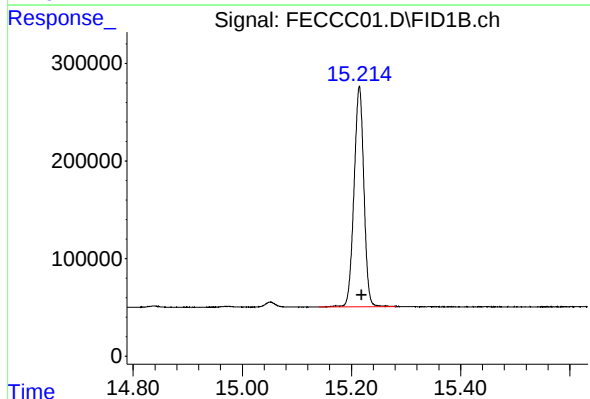
R.T.: 13.359 min
Delta R.T.: -0.004 min
Response: 2337724
Conc: 18.18 ug/ml



#13 n-Docosane (C22)

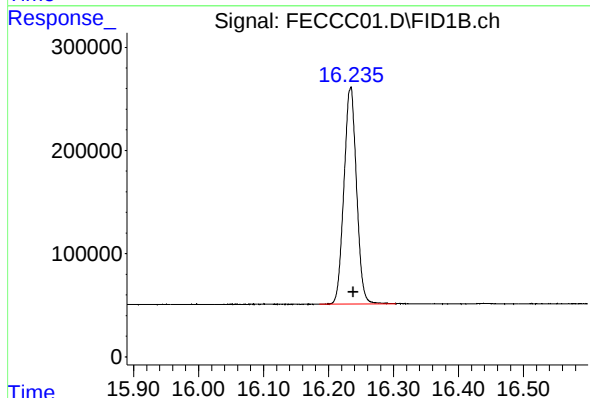
R.T.: 14.112 min
Delta R.T.: -0.005 min
Response: 2810525
Conc: 18.58 ug/ml

Instrument :
FID_E
ClientSampleId :



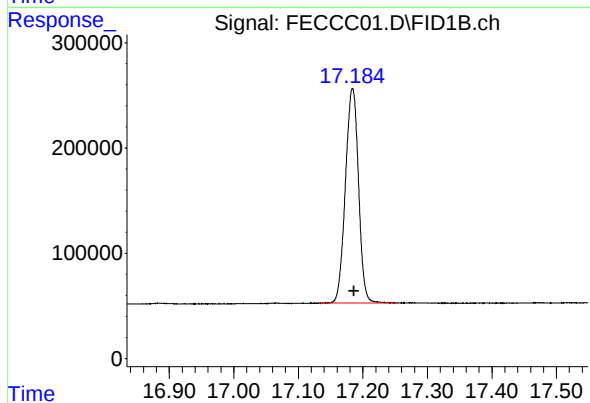
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.004 min
Response: 2828526
Conc: 18.82 ug/ml



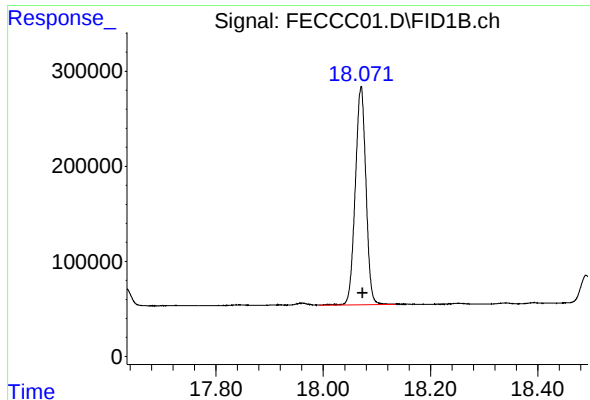
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.004 min
Response: 2821693
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

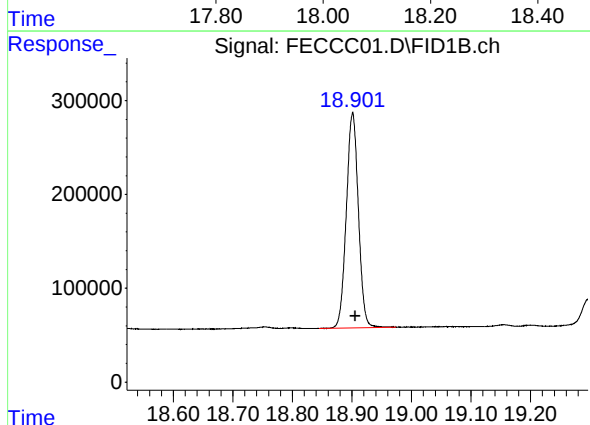
R.T.: 17.184 min
Delta R.T.: -0.002 min
Response: 2876910
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

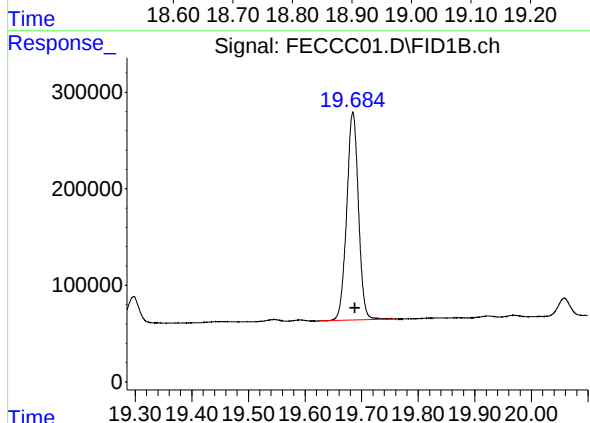
R.T.: 18.071 min
Delta R.T.: -0.003 min
Response: 3160827
Conc: 21.61 ug/ml

Instrument :
FID_E
ClientSampleId :



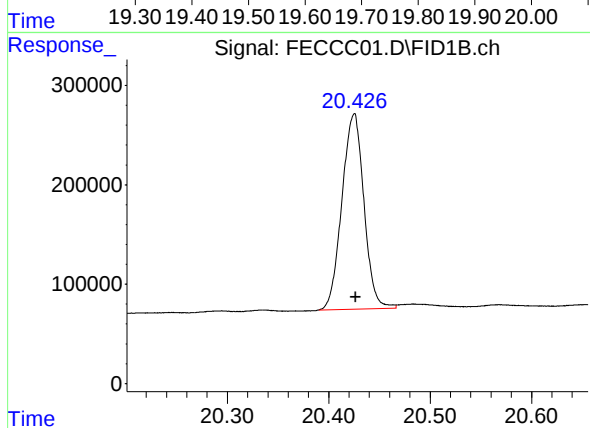
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.004 min
Response: 3223305
Conc: 22.54 ug/ml



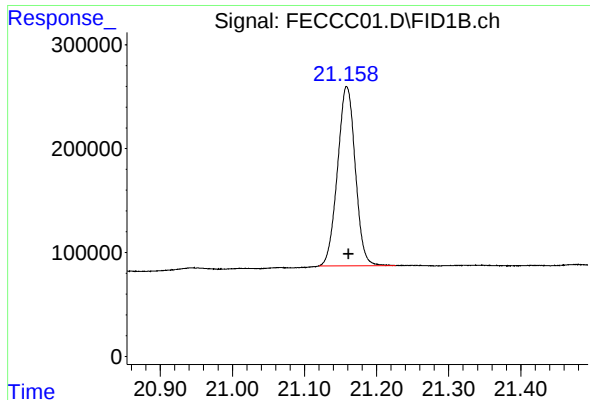
#19 n-Tetratriacontane (C34)

R.T.: 19.685 min
Delta R.T.: -0.003 min
Response: 3113658
Conc: 22.50 ug/ml



#20 n-Hexatriacontane (C36)

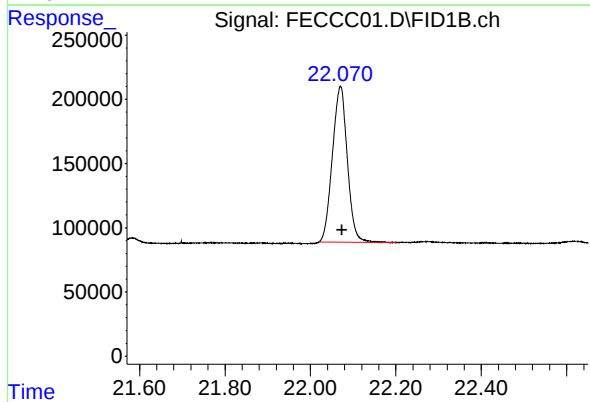
R.T.: 20.425 min
Delta R.T.: -0.001 min
Response: 2969640
Conc: 22.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.003 min
Response: 2955093
Conc: 23.05 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.004 min
Response: 2941272
Conc: 24.02 ug/ml