

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080422AL\
 Data File : FECCC01.D
 Signal(s) : FID1B.ch
 Acq On : 05 Aug 2022 00:39
 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: Aug 05 04:22:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.834	3635628	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	13.274	2850080	18.733 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
1) T n-Nonane (C9)	3.225	3329989	21.601 ug/ml
2) T n-Decane (C10)	4.479	3357830	21.783 ug/ml
3) T A~Naphthalene (C11.7)	6.181	3668648	21.468 ug/ml
4) T n-Dodecane (C12)	6.647	3413702	21.735 ug/ml
5) T A~2-methylnaphthalene...	7.277	3637949	21.167 ug/ml
6) T n-Tetradecane (C14)	8.474	3441814	21.082 ug/ml
7) T n-Hexadecane (C16)	10.080	3376160	20.483 ug/ml
8) T n-Octadecane (C18)	11.522	3366982	19.812 ug/ml
10) T n-Eicosane (C20)	12.830	3255479	19.138 ug/ml
11) T n-Heneicosane (C21)	13.442	3210136	18.756 ug/ml
13) T n-Docosane (C22)	14.028	3167253	18.551 ug/ml
14) T n-Tetracosane (C24)	15.130	3097993	18.174 ug/ml
15) T n-Hexacosane (C26)	16.152	2963190	17.724 ug/ml
16) T n-Octacosane (C28)	17.102	2897056	17.738 ug/ml
17) T n-Tricontane (C30)	17.990	2767049	18.209 ug/ml
18) T n-Dotriacontane (C32)	18.823	2289042	19.033 ug/ml
19) T n-Tetratriacontane (C34)	19.607	1510790	18.142 ug/ml
20) T n-Hexatriacontane (C36)	20.350	1986752	33.836 ug/ml
21) T n-Octatriacontane (C38)	21.069	1113874	22.216 ug/ml
22) T n-Tetracontane (C40)	21.953	1107231	21.441 ug/ml

(f)=RT Delta > 1/2 Window

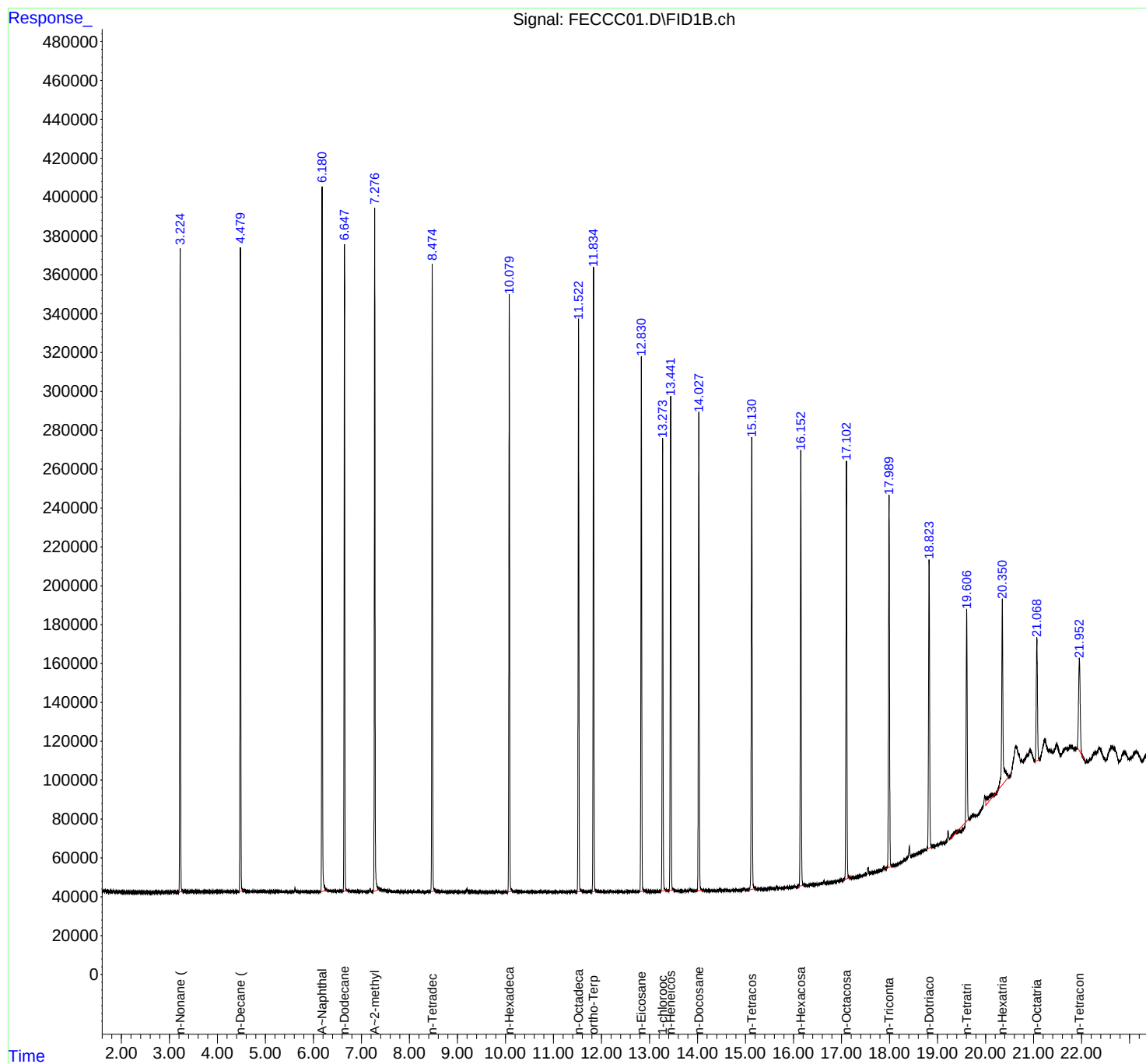
(m)=manual int.

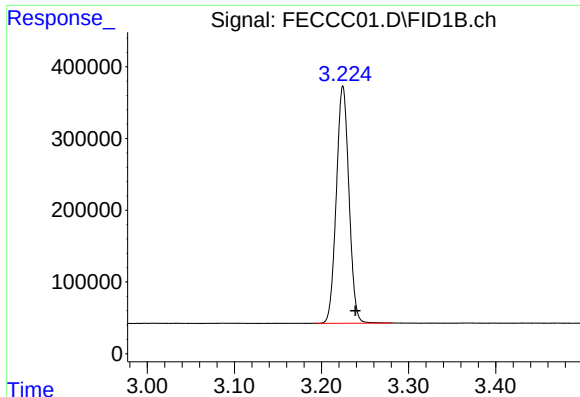
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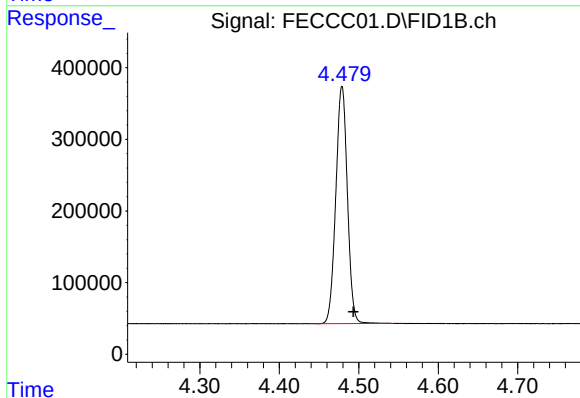




#1 n-Nonane (C9)

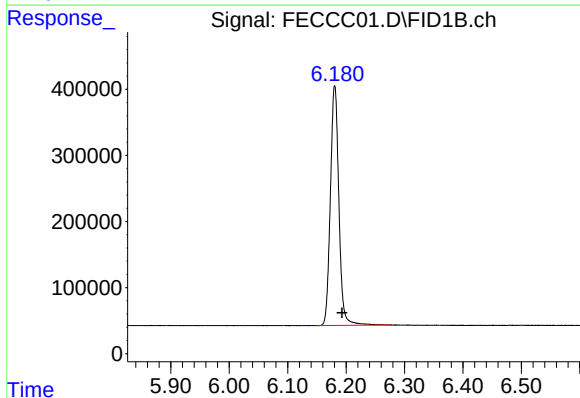
R.T.: 3.225 min
Delta R.T.: -0.014 min
Response: 3329989
Conc: 21.60 ug/ml

Instrument :
FID_E
ClientSampleId :



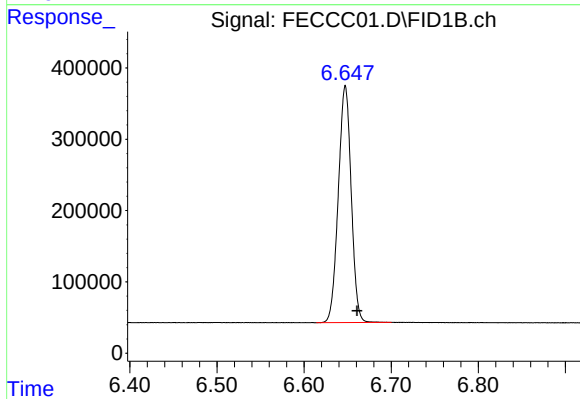
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.014 min
Response: 3357830
Conc: 21.78 ug/ml



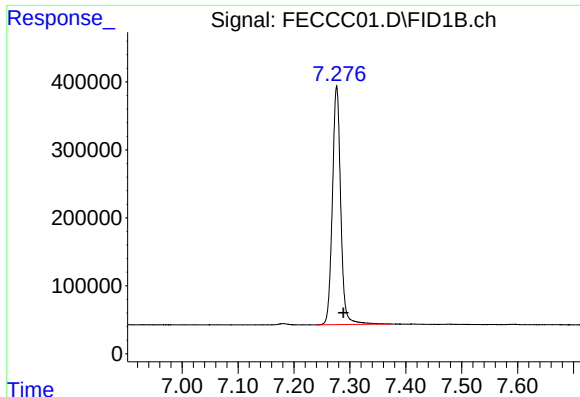
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.013 min
Response: 3668648
Conc: 21.47 ug/ml



#4 n-Dodecane (C12)

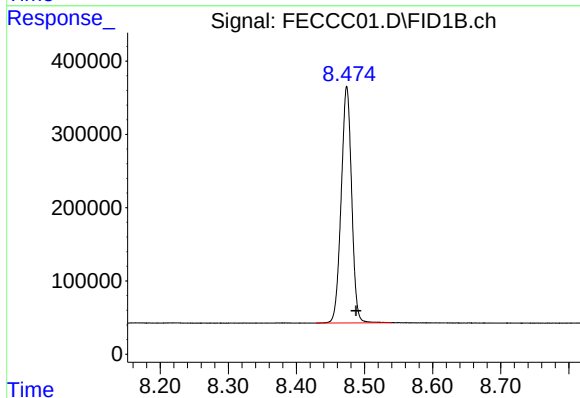
R.T.: 6.647 min
Delta R.T.: -0.013 min
Response: 3413702
Conc: 21.74 ug/ml



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

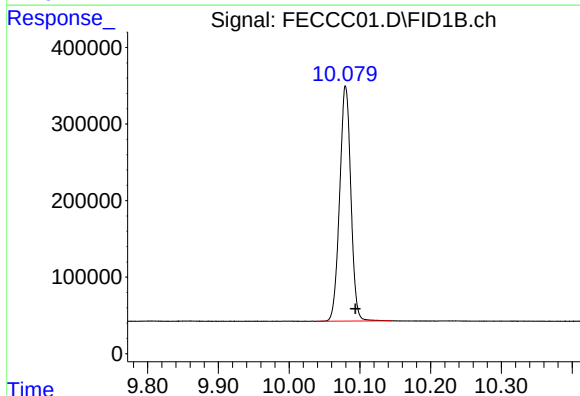
R.T.: 7.277 min
Delta R.T.: -0.012 min
Response: 3637949
Conc: 21.17 ug/ml

Instrument :
FID_E
ClientSampleId :



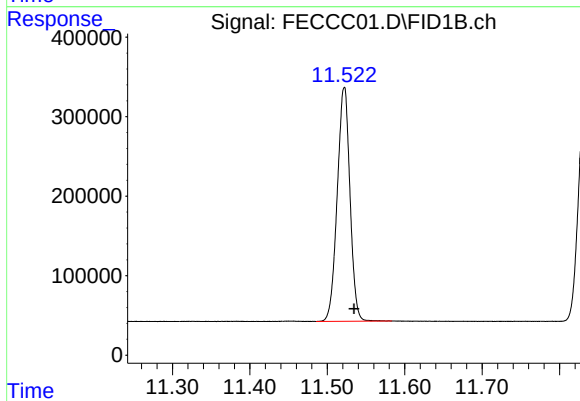
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.013 min
Response: 3441814
Conc: 21.08 ug/ml



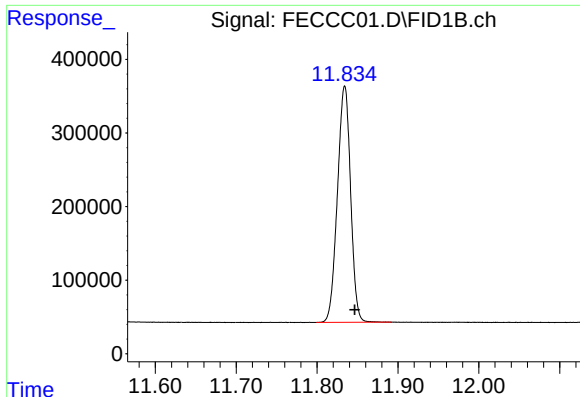
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.014 min
Response: 3376160
Conc: 20.48 ug/ml



#8 n-Octadecane (C18)

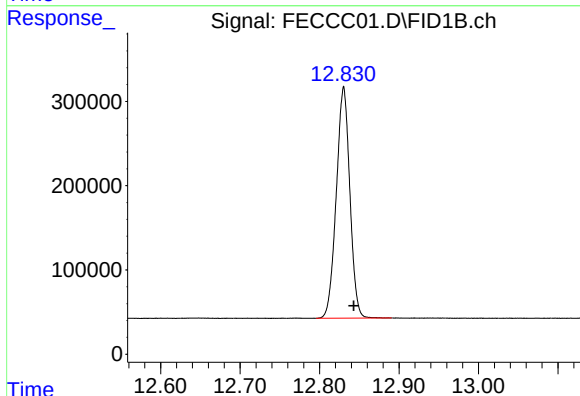
R.T.: 11.522 min
Delta R.T.: -0.013 min
Response: 3366982
Conc: 19.81 ug/ml



#9 ortho-Terphenyl (SURR)

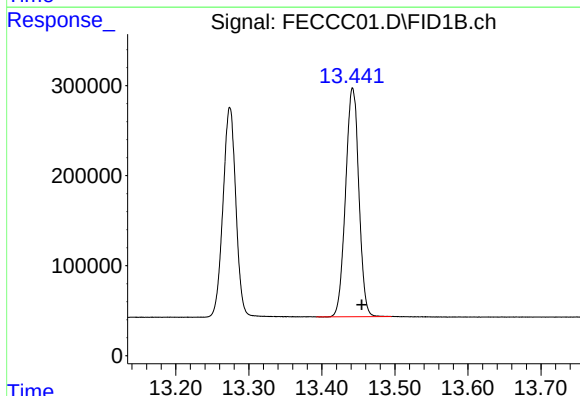
R.T.: 11.834 min
Delta R.T.: -0.012 min
Response: 3635628
Conc: 19.52 ug/ml

Instrument :
FID_E
ClientSampleId :



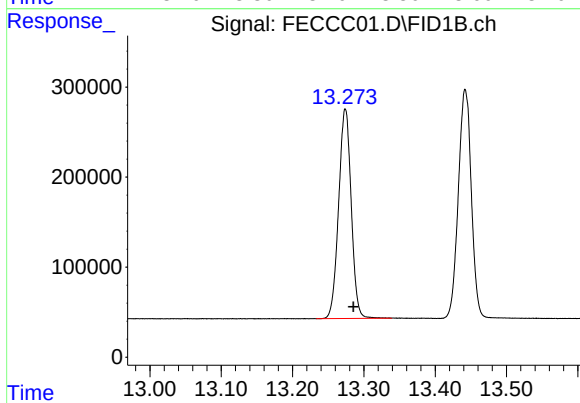
#10 n-Eicosane (C20)

R.T.: 12.830 min
Delta R.T.: -0.013 min
Response: 3255479
Conc: 19.14 ug/ml



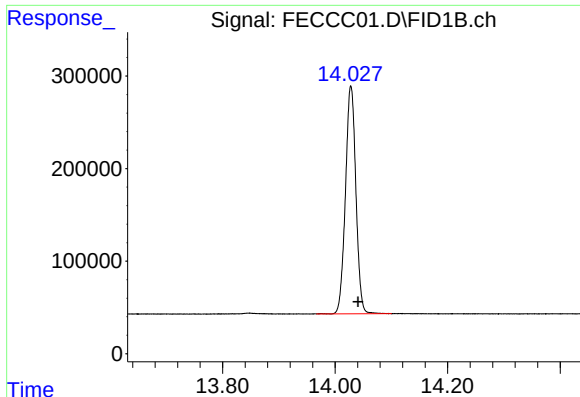
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.013 min
Response: 3210136
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

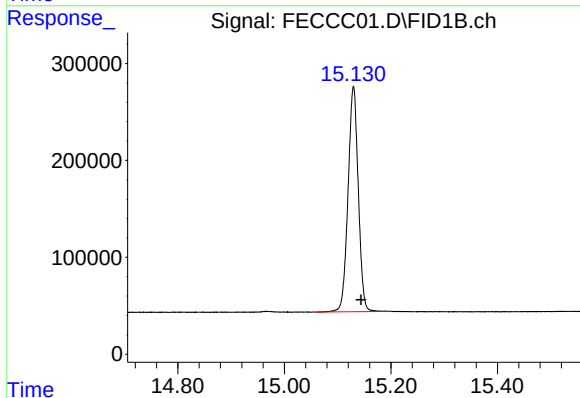
R.T.: 13.274 min
Delta R.T.: -0.011 min
Response: 2850080
Conc: 18.73 ug/ml



#13 n-Docosane (C22)

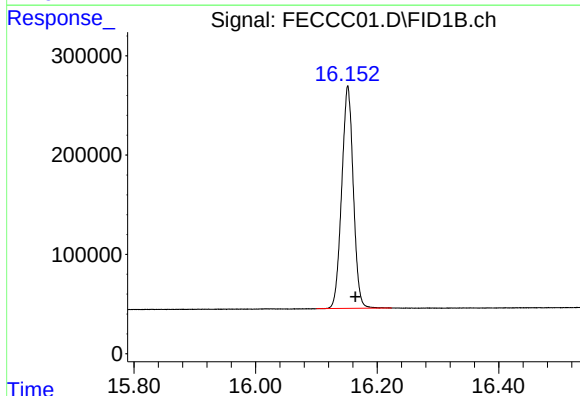
R.T.: 14.028 min
Delta R.T.: -0.013 min
Response: 3167253
Conc: 18.55 ug/ml

Instrument :
FID_E
ClientSampleId :



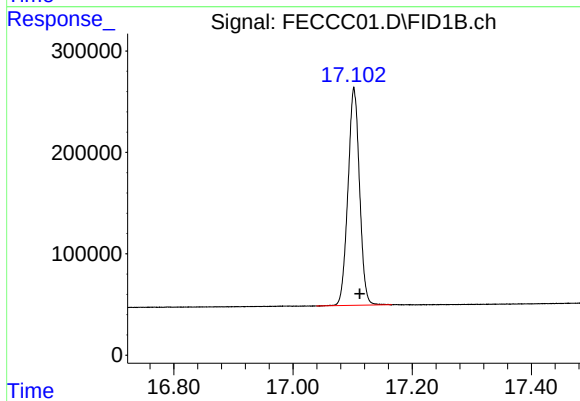
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.014 min
Response: 3097993
Conc: 18.17 ug/ml



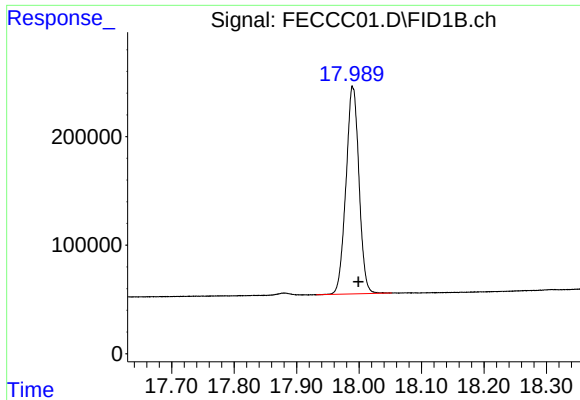
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 2963190
Conc: 17.72 ug/ml



#16 n-Octacosane (C28)

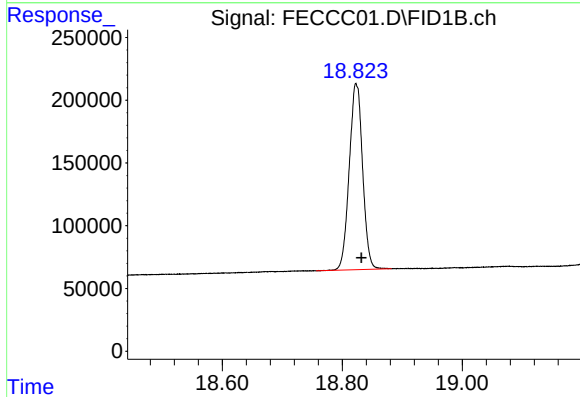
R.T.: 17.102 min
Delta R.T.: -0.010 min
Response: 2897056
Conc: 17.74 ug/ml



#17 n-Tricontane (C30)

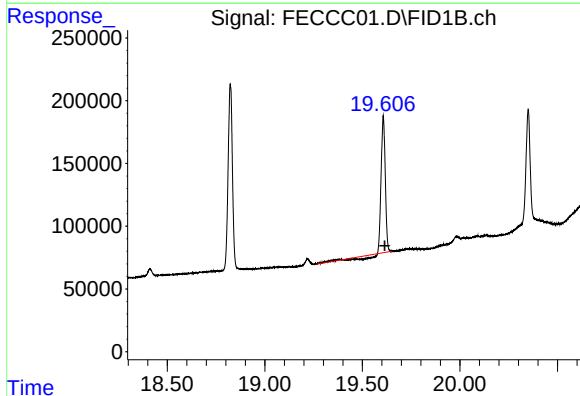
R.T.: 17.990 min
Delta R.T.: -0.009 min
Response: 2767049
Conc: 18.21 ug/ml

Instrument :
FID_E
ClientSampleId :



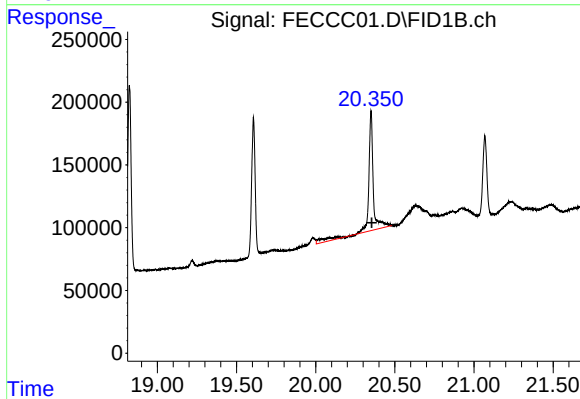
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.009 min
Response: 2289042
Conc: 19.03 ug/ml



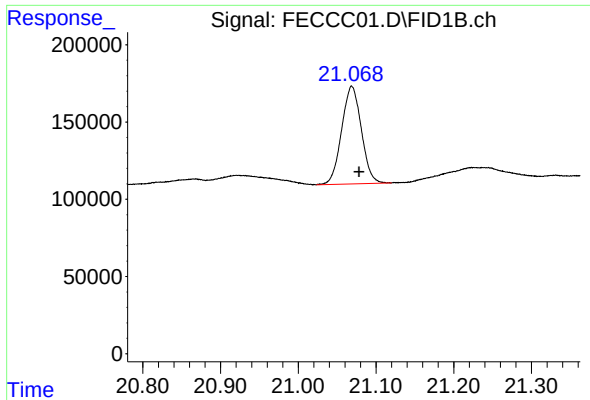
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: -0.008 min
Response: 1510790
Conc: 18.14 ug/ml



#20 n-Hexatriacontane (C36)

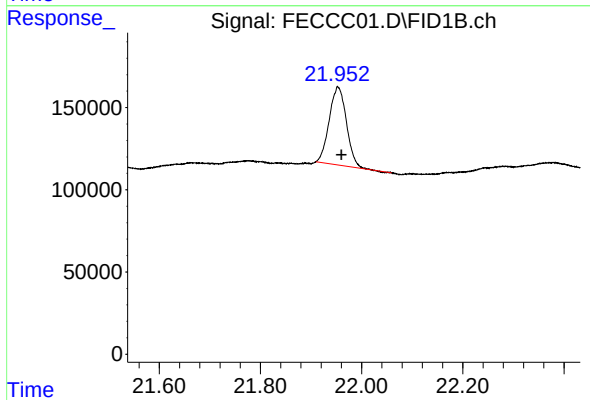
R.T.: 20.350 min
Delta R.T.: -0.004 min
Response: 1986752
Conc: 33.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.069 min
Delta R.T.: -0.009 min
Response: 1113874
Conc: 22.22 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: -0.007 min
Response: 1107231
Conc: 21.44 ug/ml