

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122623AL\
 Data File : FECCC01.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2023 20:22
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 26 22:30:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.841	3950426	18.891 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
12) S 1-chlorooctadecane (S...	13.284	2909280	18.490 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
Target Compounds			
1) T n-Nonane (C9)	3.226	3326114	20.975 ug/ml
2) T n-Decane (C10)	4.477	3388029	21.157 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3643912	20.919 ug/ml
4) T n-Dodecane (C12)	6.645	3422495	21.188 ug/ml
5) T A~2-methylnaphthalene...	7.276	3512596	20.684 ug/ml
6) T n-Tetradecane (C14)	8.471	3395635	21.167 ug/ml
7) T n-Hexadecane (C16)	10.082	3440666	20.778 ug/ml
8) T n-Octadecane (C18)	11.527	3422051	19.960 ug/ml
10) T n-Eicosane (C20)	12.839	3273248	18.918 ug/ml
11) T n-Heneicosane (C21)	13.452	3190770	18.548 ug/ml
13) T n-Docosane (C22)	14.040	3123261	18.114 ug/ml
14) T n-Tetracosane (C24)	15.146	3041243	17.420 ug/ml
15) T n-Hexacosane (C26)	16.169	2968976	17.048 ug/ml
16) T n-Octacosane (C28)	17.124	2941530	17.019 ug/ml
17) T n-Tricontane (C30)	18.016	3083127	17.623 ug/ml
18) T n-Dotriacontane (C32)	18.850	3062567	16.787 ug/ml
19) T n-Tetratriacontane (C34)	19.638	3130204	18.865 ug/ml
20) T n-Hexatriacontane (C36)	20.382	3070206	19.341 ug/ml
21) T n-Octatriacontane (C38)	21.116	3200234	20.407 ug/ml
22) T n-Tetracontane (C40)	22.022	3716484	26.151 ug/ml

(f)=RT Delta > 1/2 Window

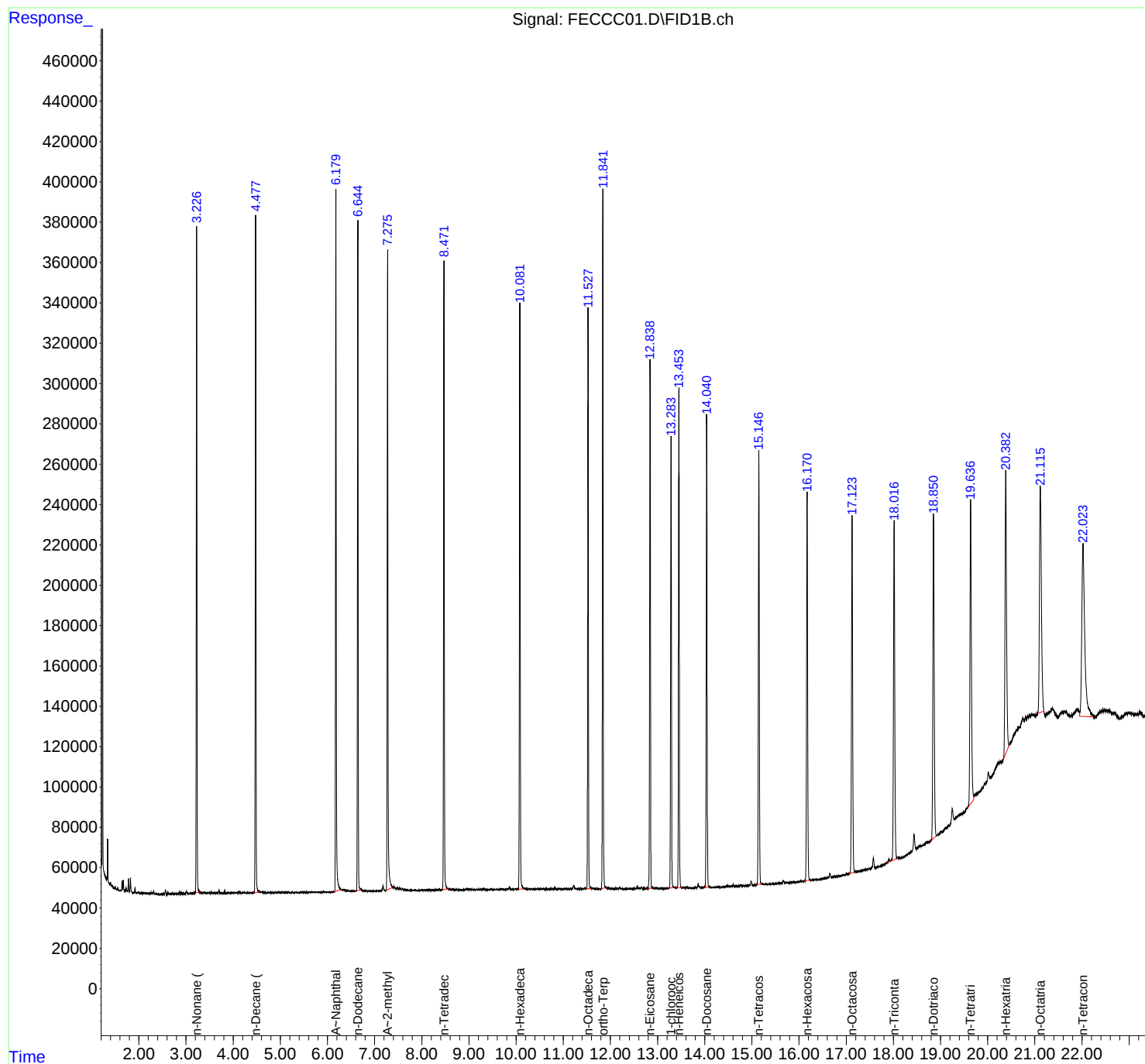
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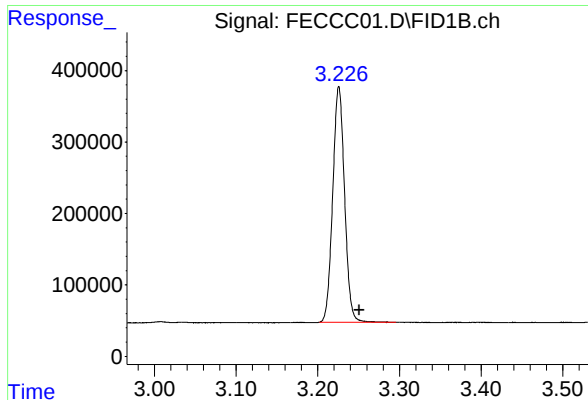
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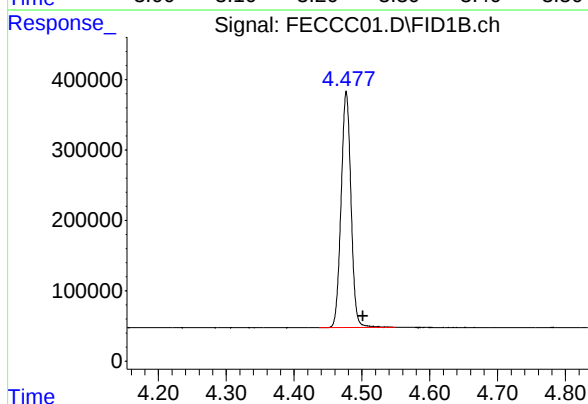




#1 n-Nonane (C9)

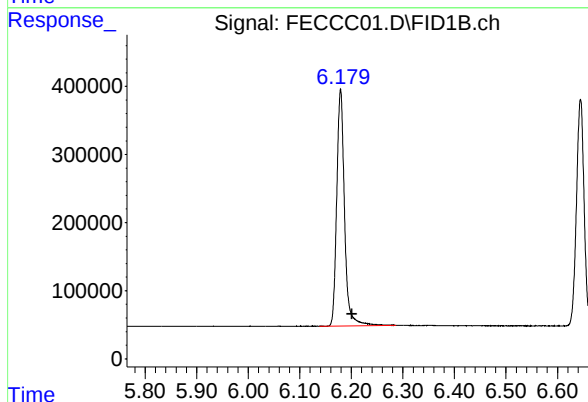
R.T.: 3.226 min
Delta R.T.: -0.025 min
Response: 3326114
Conc: 20.97 ug/ml

Instrument :
FID_E
ClientSampleId :



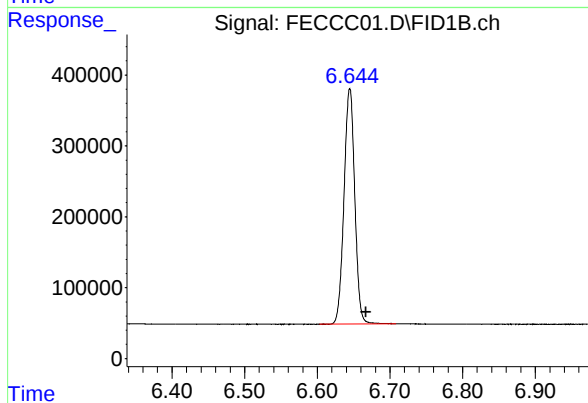
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.024 min
Response: 3388029
Conc: 21.16 ug/ml



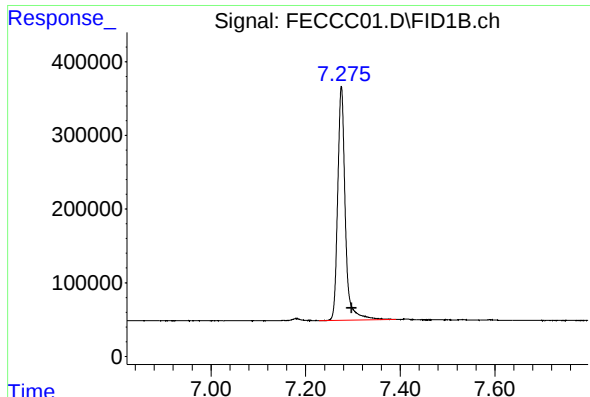
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.022 min
Response: 3643912
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

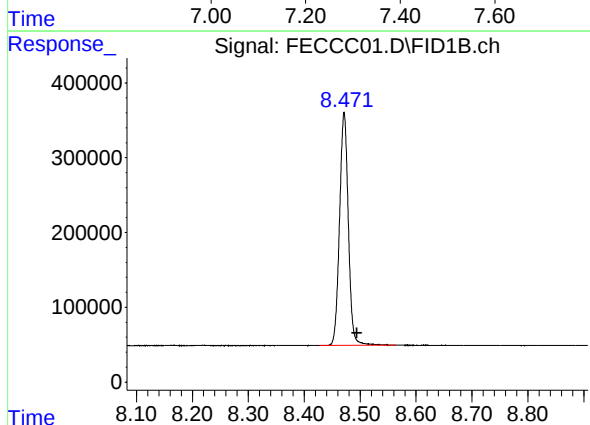
R.T.: 6.645 min
Delta R.T.: -0.022 min
Response: 3422495
Conc: 21.19 ug/ml



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

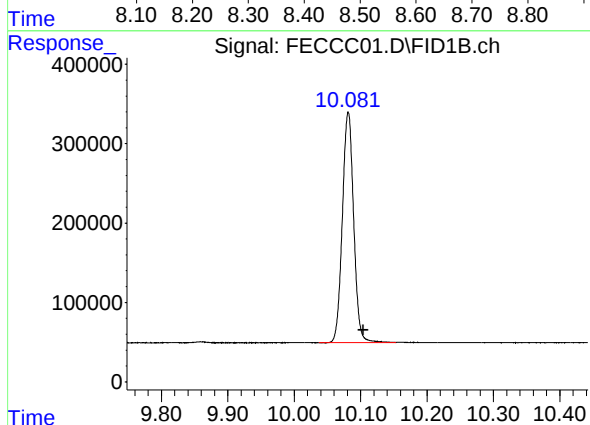
R.T.: 7.276 min
Delta R.T.: -0.022 min
Response: 3512596
Conc: 20.68 ug/ml

Instrument :
FID_E
ClientSampleId :



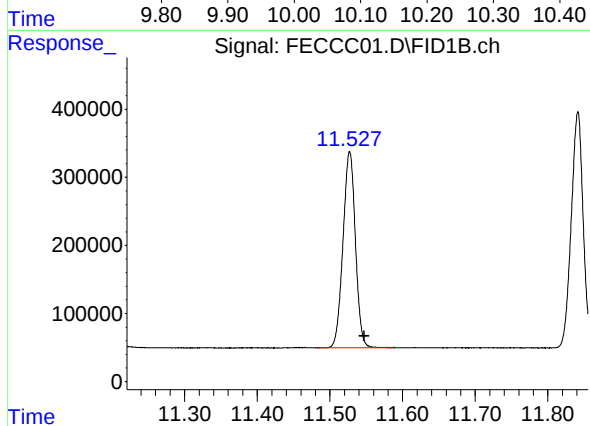
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.023 min
Response: 3395635
Conc: 21.17 ug/ml



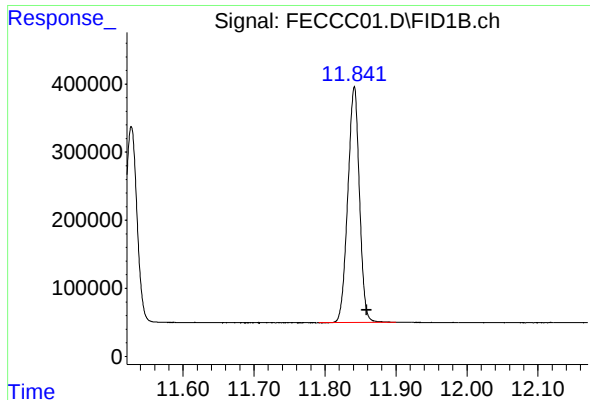
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.022 min
Response: 3440666
Conc: 20.78 ug/ml



#8 n-Octadecane (C18)

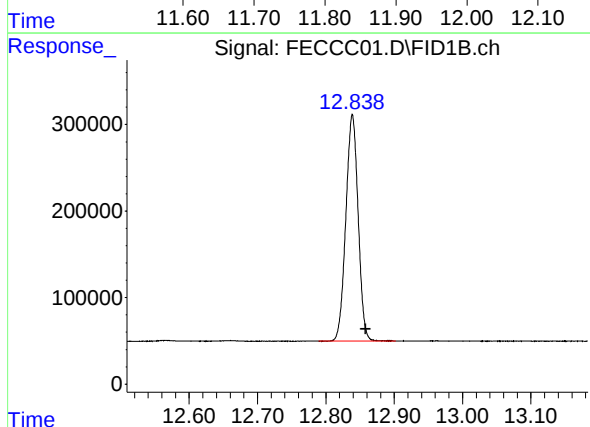
R.T.: 11.527 min
Delta R.T.: -0.020 min
Response: 3422051
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

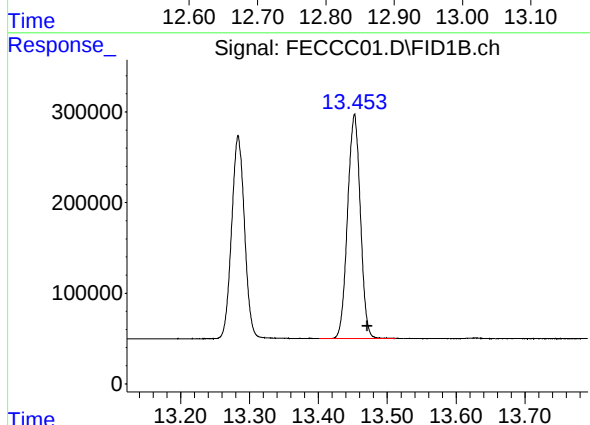
R.T.: 11.841 min
Delta R.T.: -0.018 min
Response: 3950426
Conc: 18.89 ug/ml

Instrument :
FID_E
ClientSampleId :



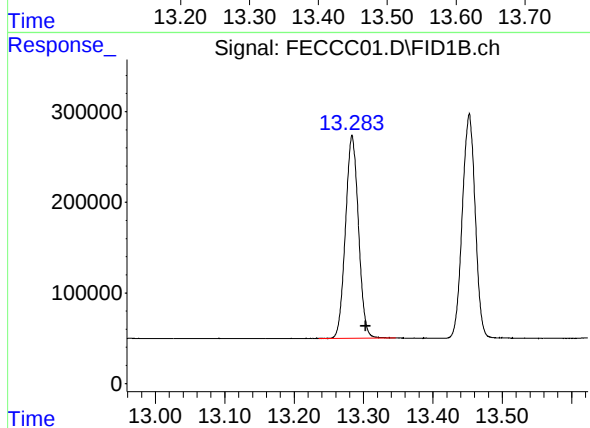
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.019 min
Response: 3273248
Conc: 18.92 ug/ml



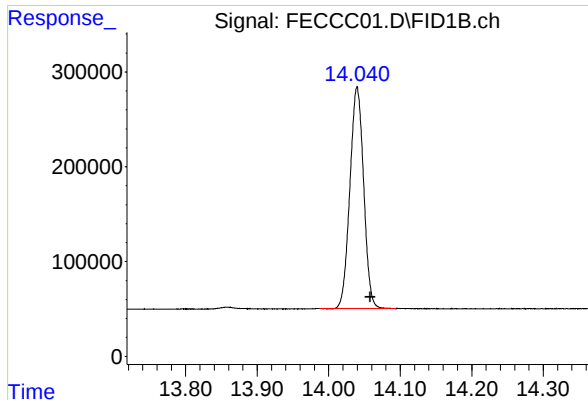
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.019 min
Response: 3190770
Conc: 18.55 ug/ml



#12 1-chlorooctadecane (SURR)

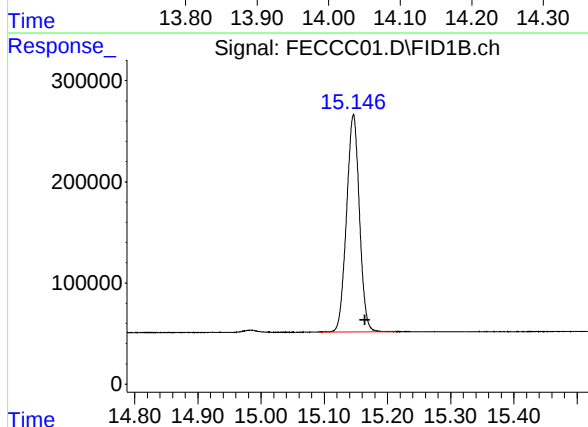
R.T.: 13.284 min
Delta R.T.: -0.019 min
Response: 2909280
Conc: 18.49 ug/ml



#13 n-Docosane (C22)

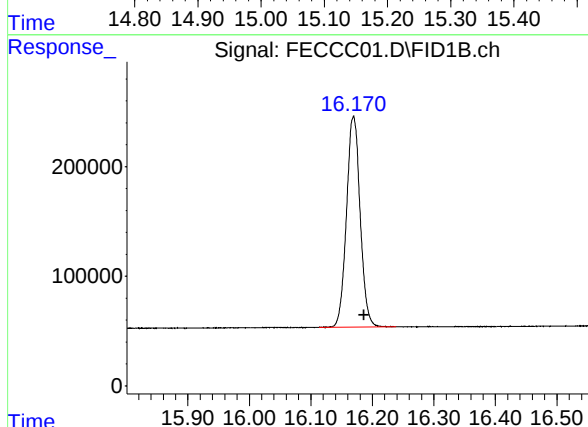
R.T.: 14.040 min
Delta R.T.: -0.018 min
Response: 3123261
Conc: 18.11 ug/ml

Instrument :
FID_E
ClientSampleId :



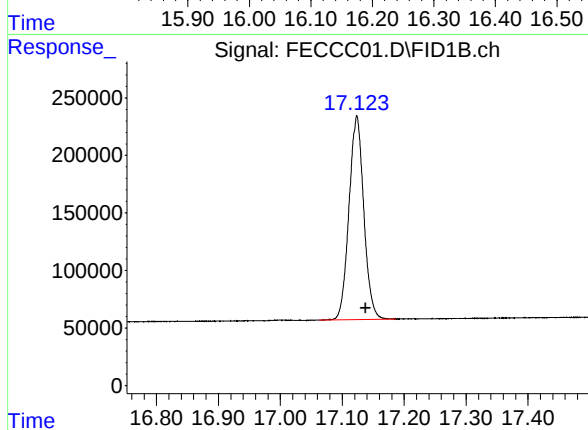
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 3041243
Conc: 17.42 ug/ml



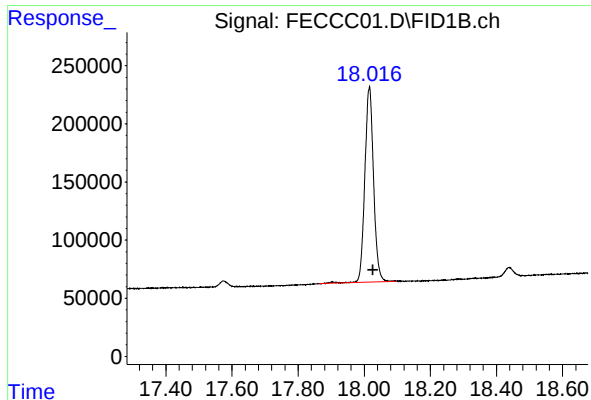
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: -0.017 min
Response: 2968976
Conc: 17.05 ug/ml



#16 n-Octacosane (C28)

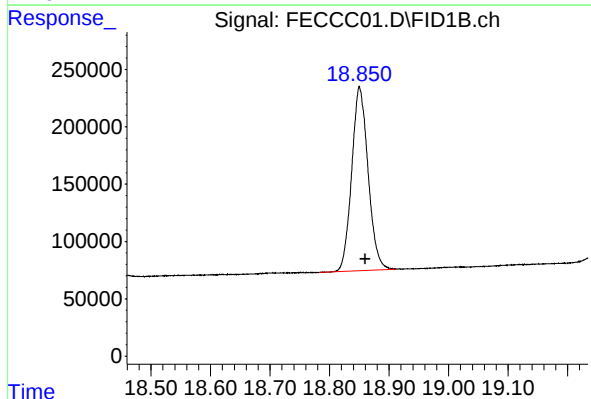
R.T.: 17.124 min
Delta R.T.: -0.014 min
Response: 2941530
Conc: 17.02 ug/ml



#17 n-Tricontane (C30)

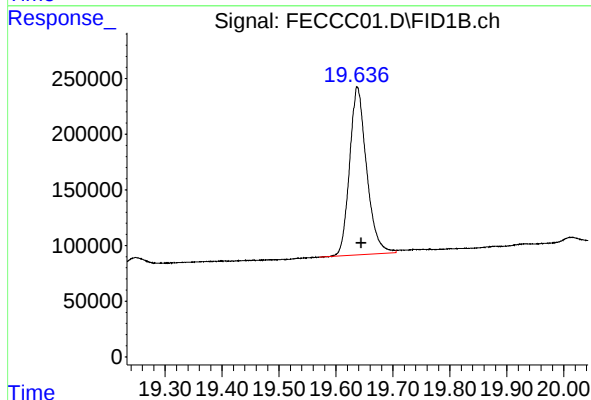
R.T.: 18.016 min
Delta R.T.: -0.010 min
Response: 3083127
Conc: 17.62 ug/ml

Instrument :
FID_E
ClientSampleId :



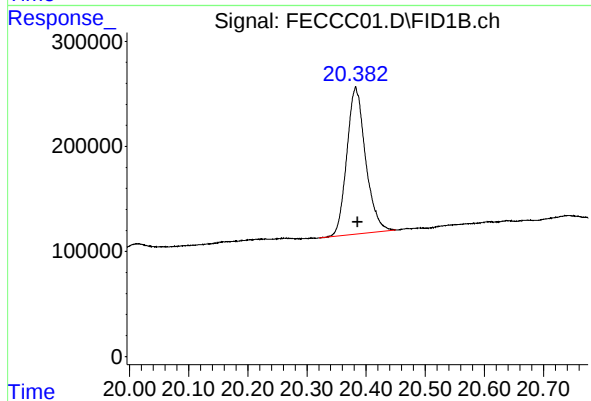
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.010 min
Response: 3062567
Conc: 16.79 ug/ml



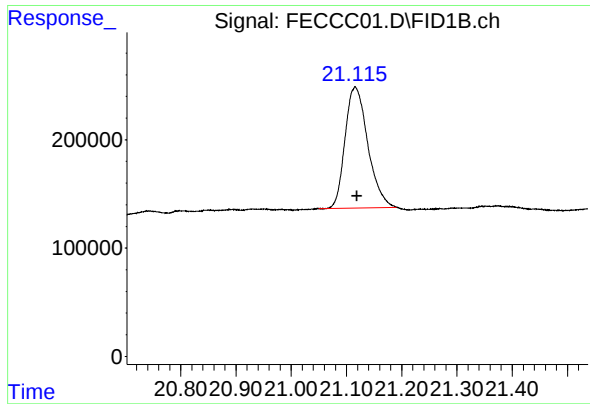
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: -0.007 min
Response: 3130204
Conc: 18.86 ug/ml



#20 n-Hexatriacontane (C36)

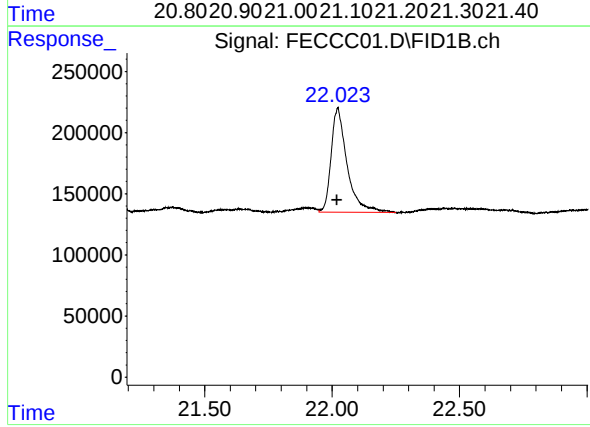
R.T.: 20.382 min
Delta R.T.: -0.004 min
Response: 3070206
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.003 min
Response: 3200234
Conc: 20.41 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.022 min
Delta R.T.: 0.003 min
Response: 3716484
Conc: 26.15 ug/ml