

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122123AL\
 Data File : FECCC01.D
 Signal(s) : FID1B.ch
 Acq On : 22 Dec 2023 02:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 03:09:25 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)	11.842	4188950	20.032 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	13.286	3090457	19.641 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.228	3498161	22.060 ug/ml
2) T n-Decane (C10)	4.479	3557419	22.215 ug/ml
3) T A~Naphthalene (C11.7)	6.181	3857339	22.144 ug/ml
4) T n-Dodecane (C12)	6.647	3595974	22.262 ug/ml
5) T A~2-methylnaphthalene...	7.278	3744605	22.051 ug/ml
6) T n-Tetradecane (C14)	8.474	3573825	22.277 ug/ml
7) T n-Hexadecane (C16)	10.083	3630897	21.927 ug/ml
8) T n-Octadecane (C18)	11.529	3616362	21.093 ug/ml
10) T n-Eicosane (C20)	12.840	3464585	20.024 ug/ml
11) T n-Heneicosane (C21)	13.454	3383540	19.668 ug/ml
13) T n-Docosane (C22)	14.041	3316481	19.235 ug/ml
14) T n-Tetracosane (C24)	15.147	3215938	18.421 ug/ml
15) T n-Hexacosane (C26)	16.171	3132322	17.986 ug/ml
16) T n-Octacosane (C28)	17.124	3089262	17.874 ug/ml
17) T n-Tricontane (C30)	18.015	3183879	18.199 ug/ml
18) T n-Dotriacontane (C32)	18.851	3098241	16.983 ug/ml
19) T n-Tetratriacontane (C34)	19.637	3224432	19.432 ug/ml
20) T n-Hexatriacontane (C36)	20.382	3210615	20.226 ug/ml
21) T n-Octatriacontane (C38)	21.116	3564564	22.730 ug/ml
22) T n-Tetracontane (C40)	22.018	3517116	24.748 ug/ml

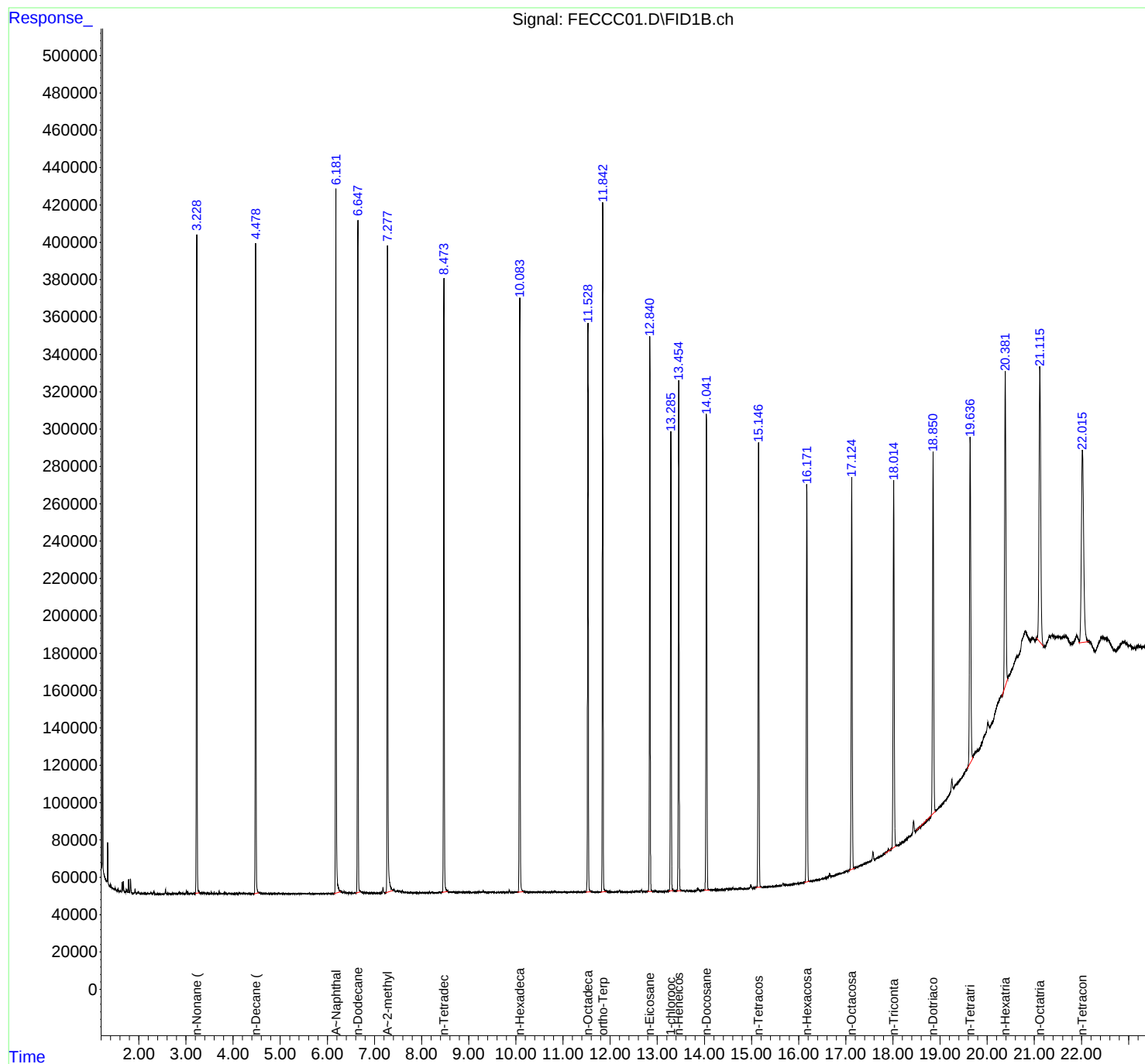
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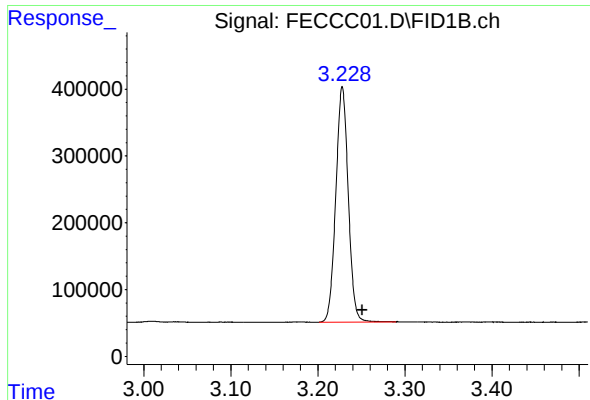
(m)=manual int.

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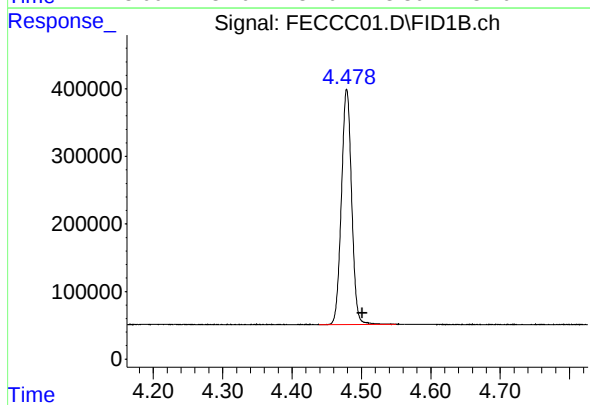
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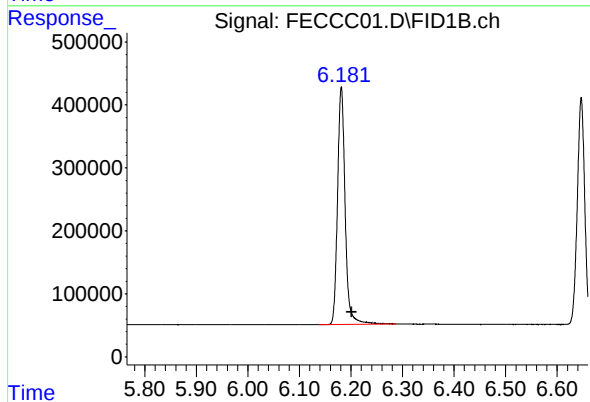
#1 n-Nonane (C9)

R.T.: 3.228 min
Delta R.T.: -0.023 min
Response: 3498161
Conc: 22.06 ug/ml



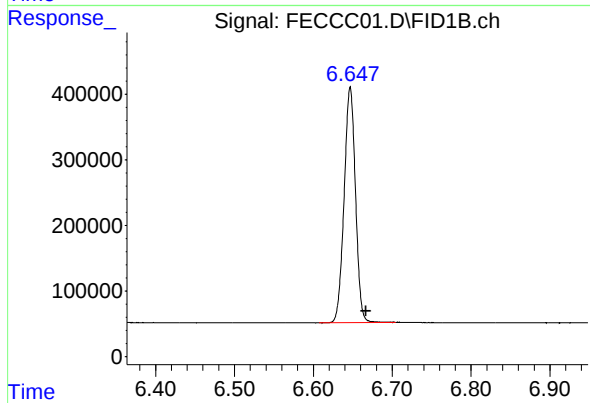
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.022 min
Response: 3557419
Conc: 22.22 ug/ml



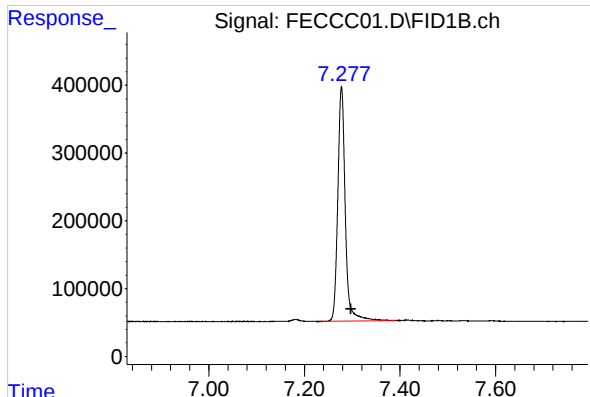
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.020 min
Response: 3857339
Conc: 22.14 ug/ml



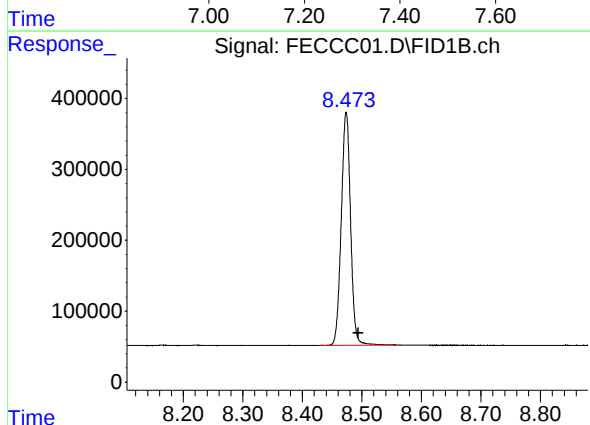
#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.020 min
Response: 3595974
Conc: 22.26 ug/ml



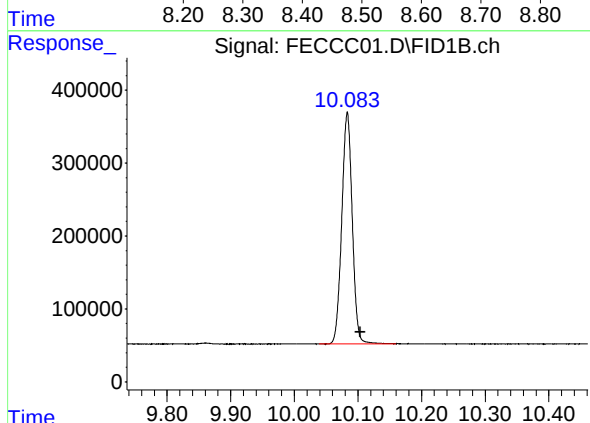
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.278 min
Delta R.T.: -0.020 min
Response: 3744605
Conc: 22.05 ug/ml



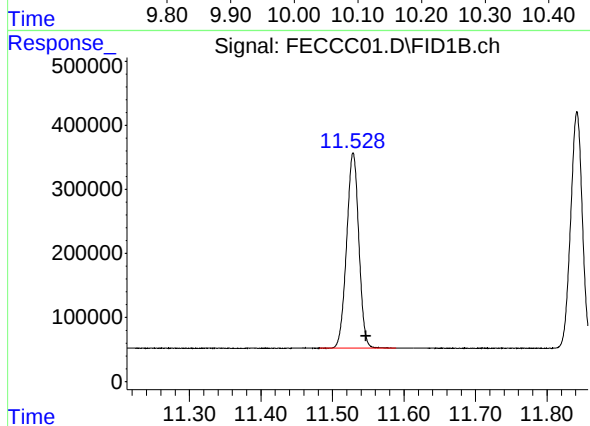
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.020 min
Response: 3573825
Conc: 22.28 ug/ml



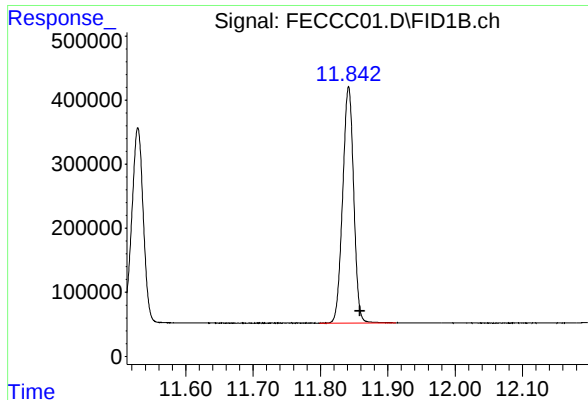
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.021 min
Response: 3630897
Conc: 21.93 ug/ml



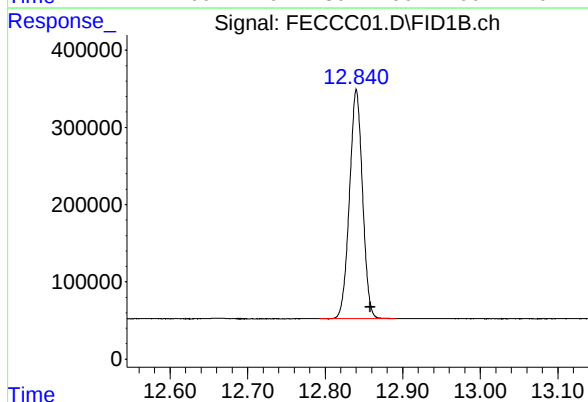
#8 n-Octadecane (C18)

R.T.: 11.529 min
Delta R.T.: -0.018 min
Response: 3616362
Conc: 21.09 ug/ml



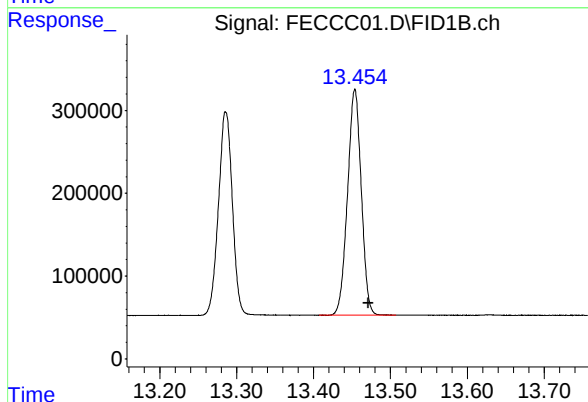
#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.017 min
Response: 4188950
Conc: 20.03 ug/ml



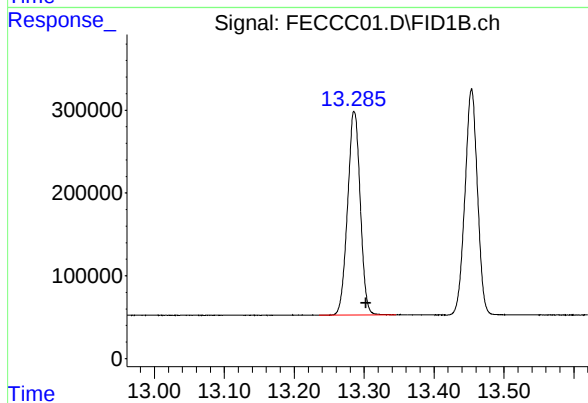
#10 n-Eicosane (C20)

R.T.: 12.840 min
Delta R.T.: -0.018 min
Response: 3464585
Conc: 20.02 ug/ml



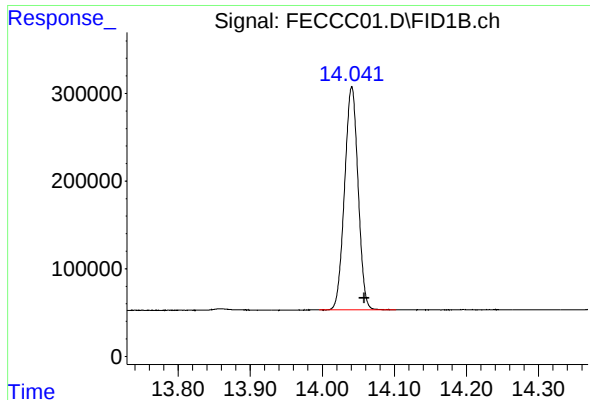
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.017 min
Response: 3383540
Conc: 19.67 ug/ml



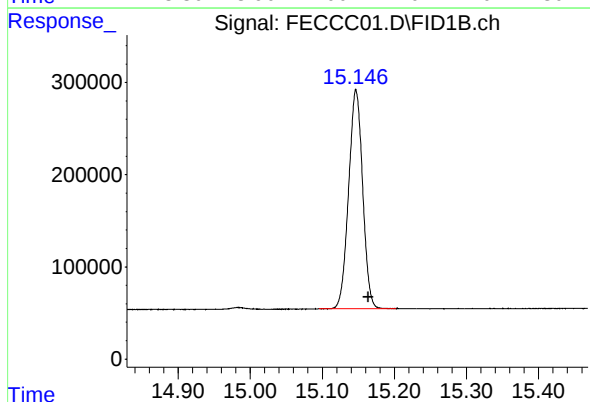
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.017 min
Response: 3090457
Conc: 19.64 ug/ml



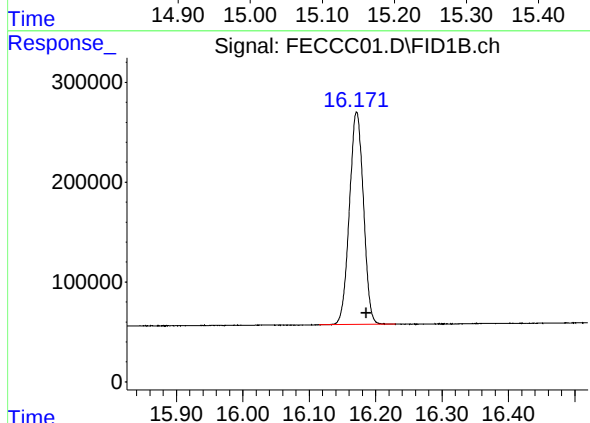
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.017 min
Response: 3316481
Conc: 19.23 ug/ml



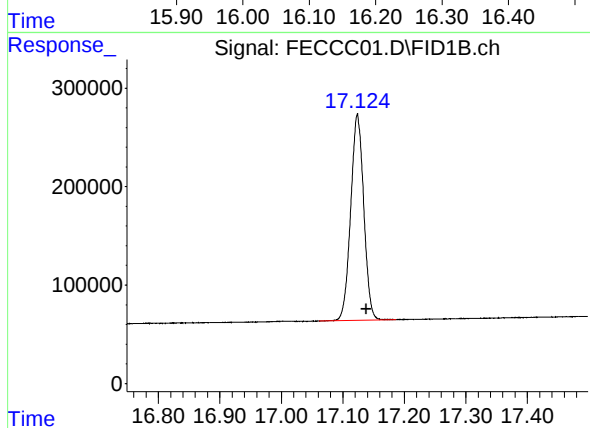
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.017 min
Response: 3215938
Conc: 18.42 ug/ml



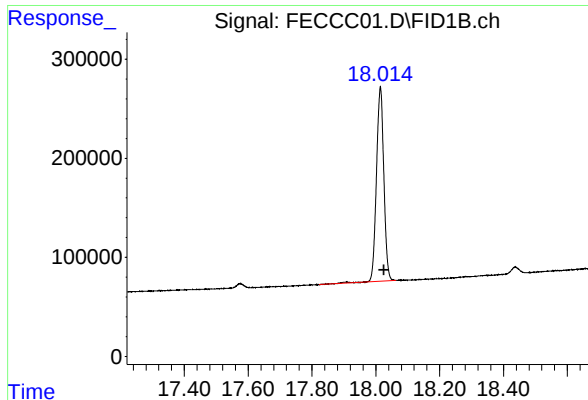
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.015 min
Response: 3132322
Conc: 17.99 ug/ml



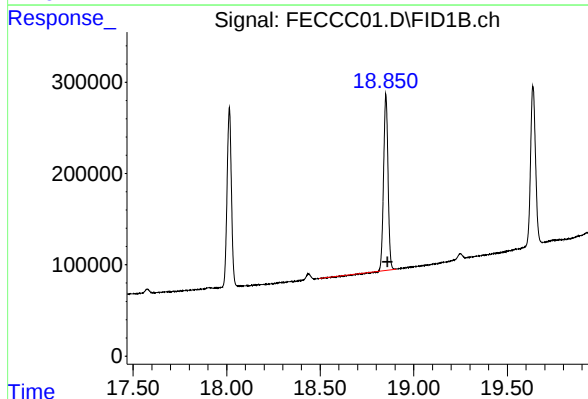
#16 n-Octacosane (C28)

R.T.: 17.124 min
Delta R.T.: -0.015 min
Response: 3089262
Conc: 17.87 ug/ml



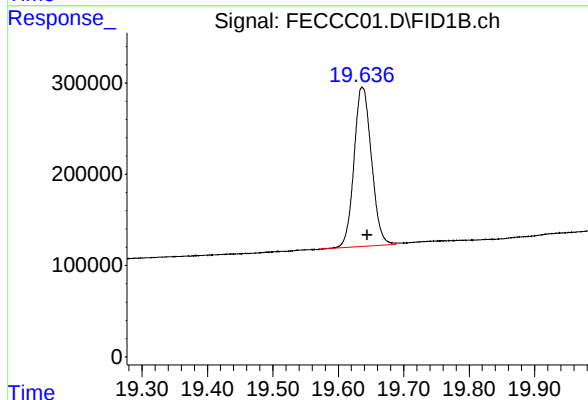
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.012 min
Response: 3183879
Conc: 18.20 ug/ml



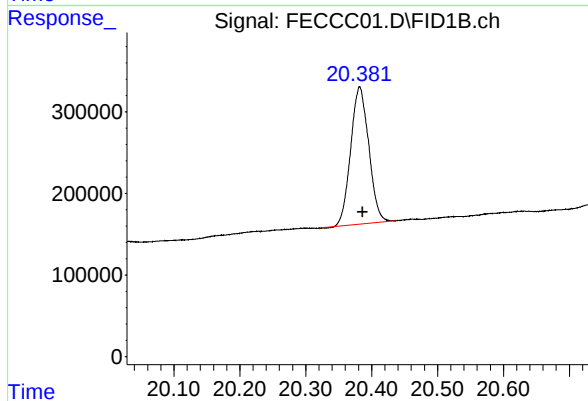
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.009 min
Response: 3098241
Conc: 16.98 ug/ml



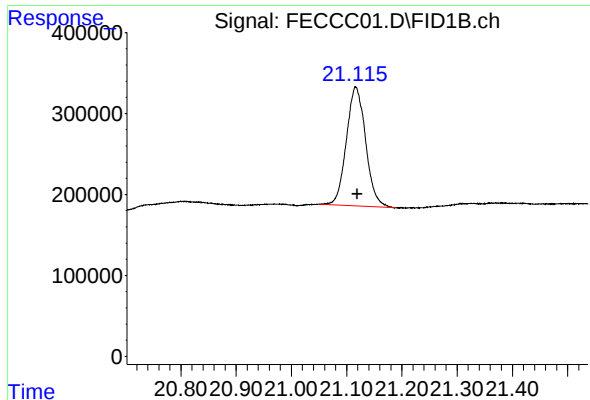
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.008 min
Response: 3224432
Conc: 19.43 ug/ml



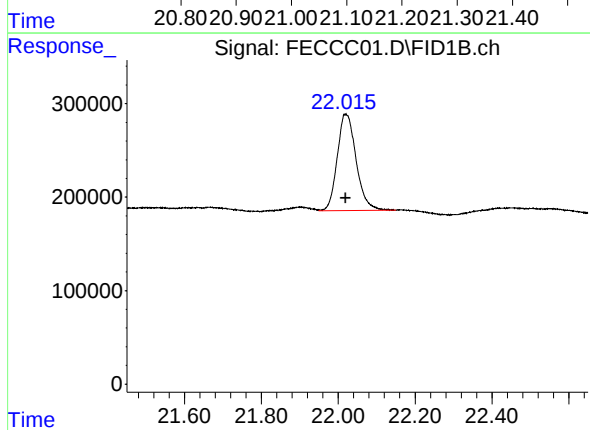
#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: -0.004 min
Response: 3210615
Conc: 20.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.003 min
Response: 3564564
Conc: 22.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.000 min
Response: 3517116
Conc: 24.75 ug/ml