

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122723AL\
 Data File : FE045981.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2023 12:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 00:18:13 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	4058981	19.410 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
12) S 1-chlorooctadecane (S...	13.285	2982434	18.955 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T n-Nonane (C9)	3.225	3358295	21.178 ug/ml
2) T n-Decane (C10)	4.476	3428553	21.411 ug/ml
3) T A~Naphthalene (C11.7)	6.178	3704362	21.266 ug/ml
4) T n-Dodecane (C12)	6.643	3465344	21.453 ug/ml
5) T A~2-methylnaphthalene...	7.274	3584836	21.110 ug/ml
6) T n-Tetradecane (C14)	8.470	3443573	21.466 ug/ml
7) T n-Hexadecane (C16)	10.081	3511799	21.207 ug/ml
8) T n-Octadecane (C18)	11.527	3499912	20.414 ug/ml
10) T n-Eicosane (C20)	12.838	3353216	19.380 ug/ml
11) T n-Heneicosane (C21)	13.453	3273682	19.030 ug/ml
13) T n-Docosane (C22)	14.040	3224618	18.702 ug/ml
14) T n-Tetracosane (C24)	15.146	3134764	17.956 ug/ml
15) T n-Hexacosane (C26)	16.171	3068033	17.617 ug/ml
16) T n-Octacosane (C28)	17.125	3057045	17.688 ug/ml
17) T n-Tricontane (C30)	18.016	3196811	18.273 ug/ml
18) T n-Dotriacontane (C32)	18.851	3258892	17.863 ug/ml
19) T n-Tetratriacontane (C34)	19.636	3175409	19.137 ug/ml
20) T n-Hexatriacontane (C36)	20.382	3194783	20.126 ug/ml
21) T n-Octatriacontane (C38)	21.116	3296936	21.024 ug/mlm
22) T n-Tetracontane (C40)	22.014	3363111	23.665 ug/mlm

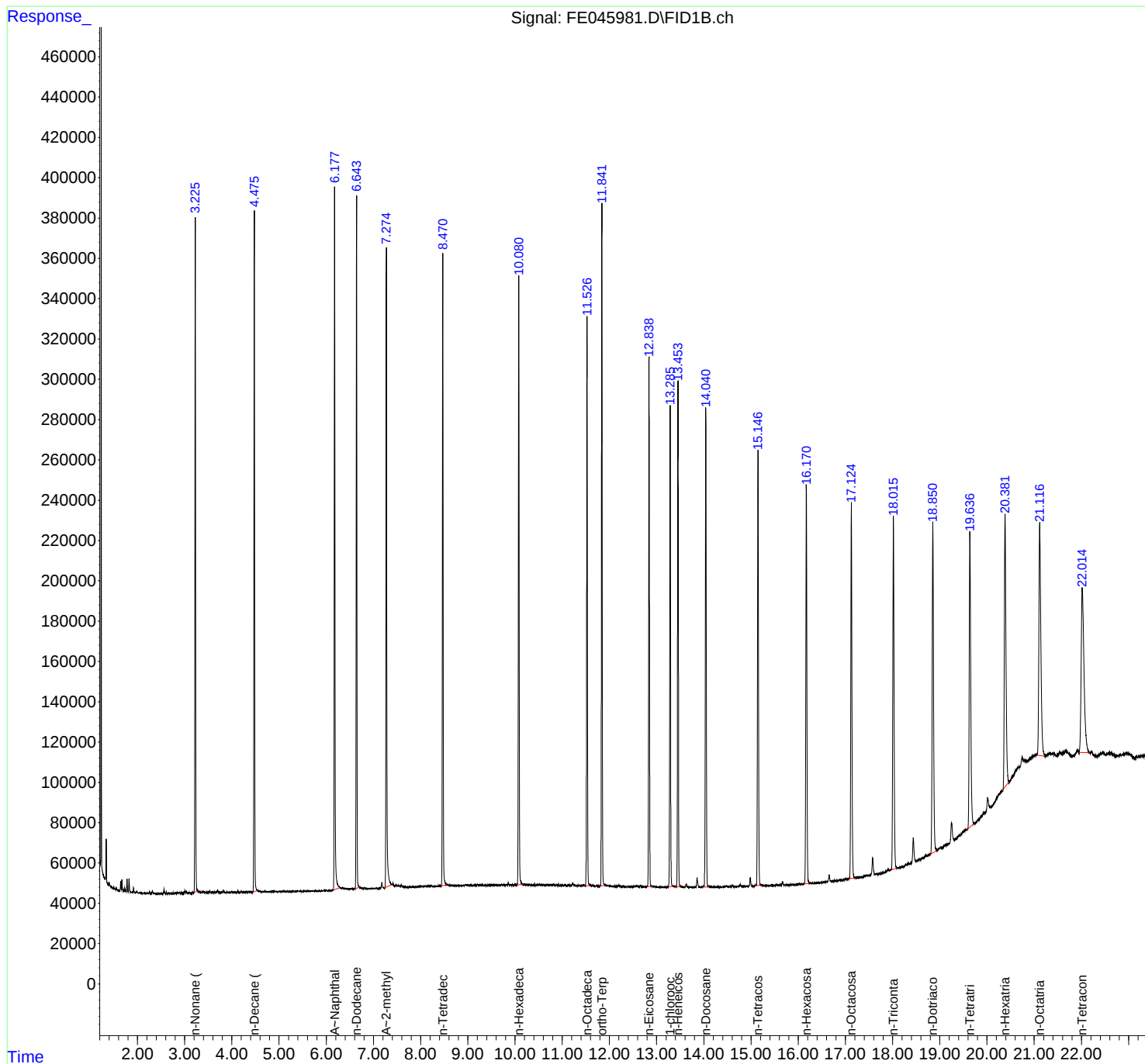
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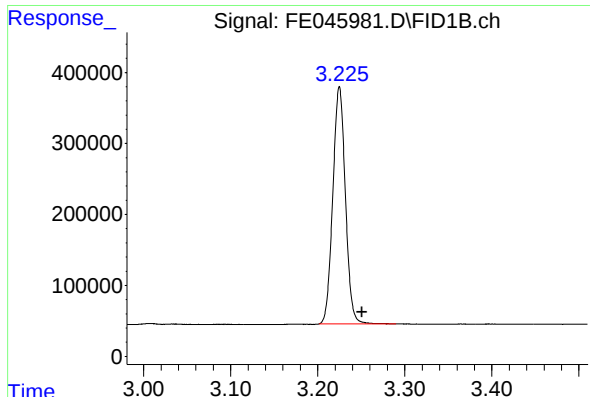
(m)=manual int.

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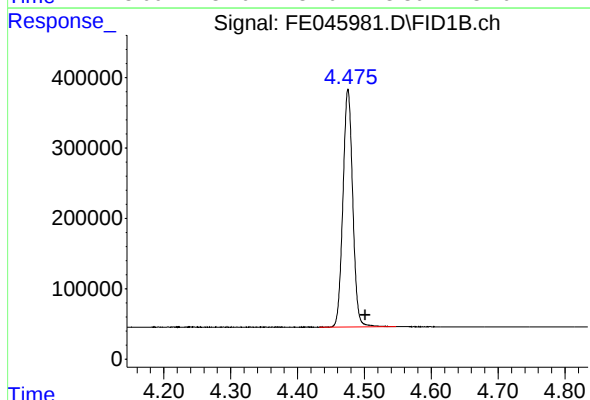
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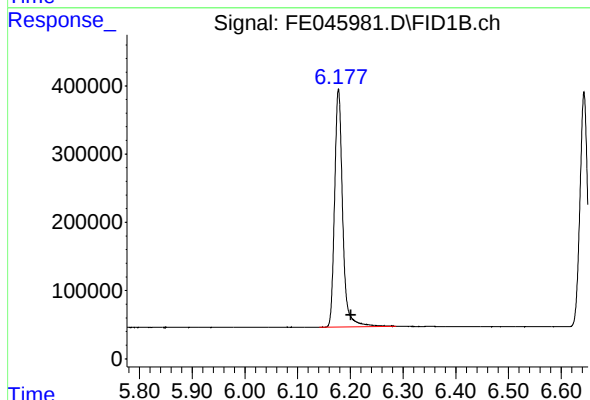
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.026 min
Response: 3358295
Conc: 21.18 ug/ml



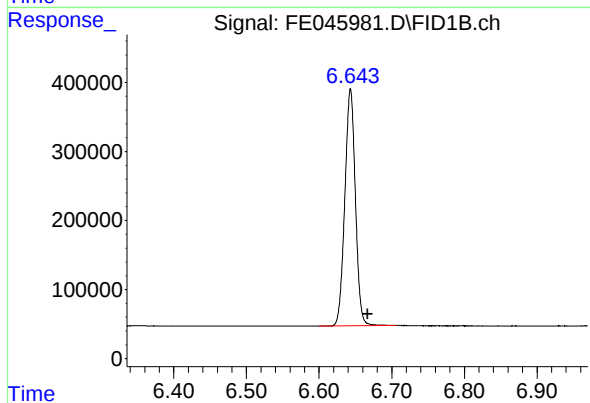
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: -0.026 min
Response: 3428553
Conc: 21.41 ug/ml



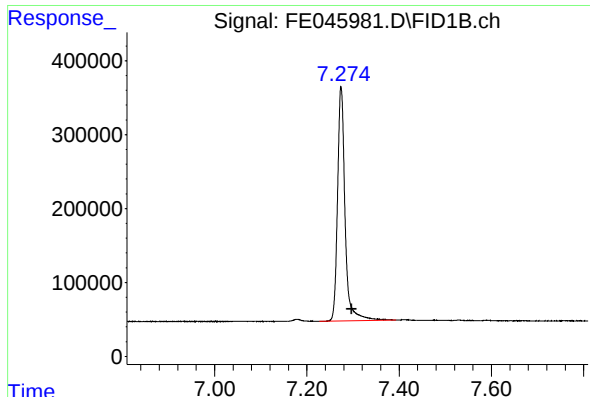
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.024 min
Response: 3704362
Conc: 21.27 ug/ml



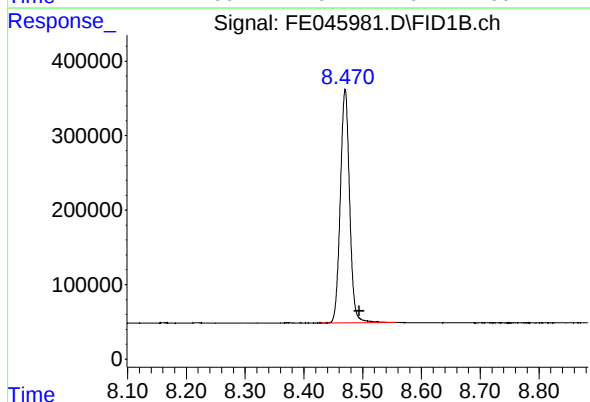
#4 n-Dodecane (C12)

R.T.: 6.643 min
Delta R.T.: -0.024 min
Response: 3465344
Conc: 21.45 ug/ml



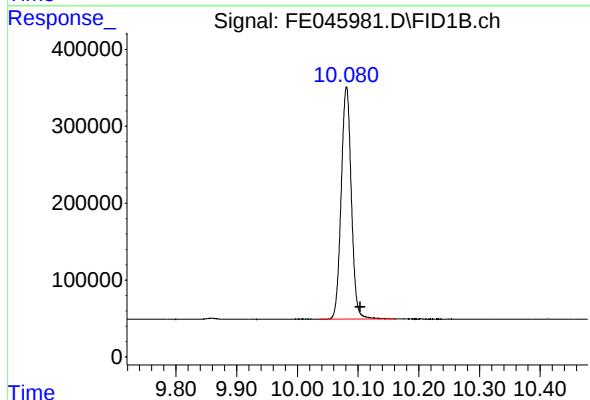
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: -0.023 min
Response: 3584836
Conc: 21.11 ug/ml



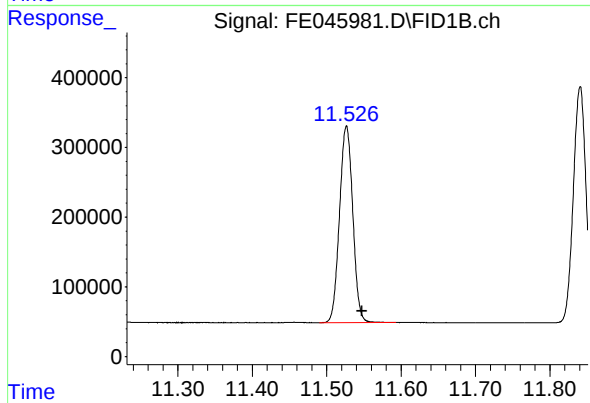
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.024 min
Response: 3443573
Conc: 21.47 ug/ml



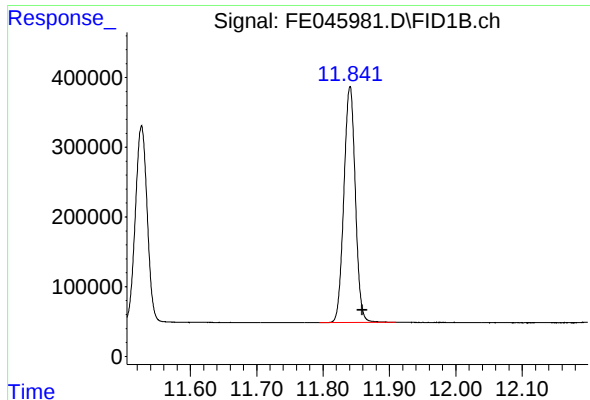
#7 n-Hexadecane (C16)

R.T.: 10.081 min
Delta R.T.: -0.023 min
Response: 3511799
Conc: 21.21 ug/ml



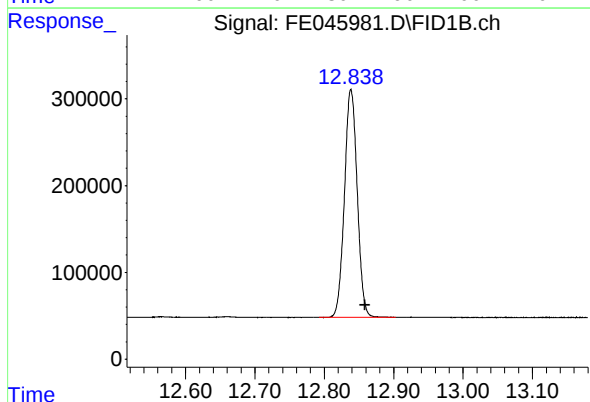
#8 n-Octadecane (C18)

R.T.: 11.527 min
Delta R.T.: -0.021 min
Response: 3499912
Conc: 20.41 ug/ml



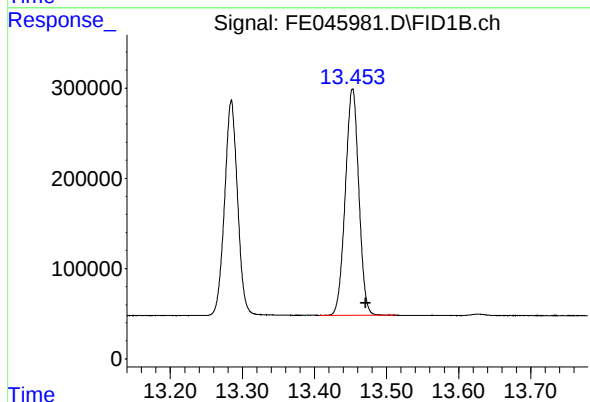
#9 ortho-Terphenyl (SURR)

R.T.: 11.841 min
Delta R.T.: -0.018 min
Response: 4058981
Conc: 19.41 ug/ml



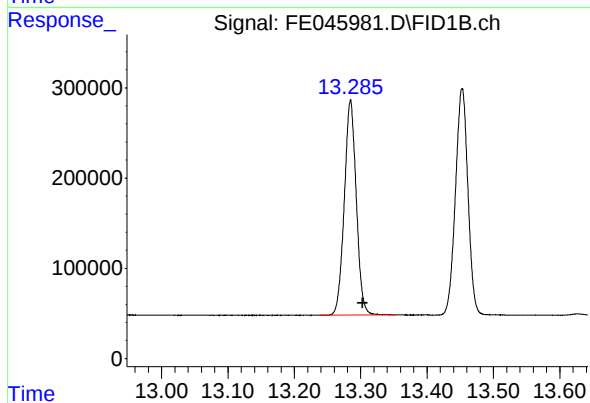
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.020 min
Response: 3353216
Conc: 19.38 ug/ml



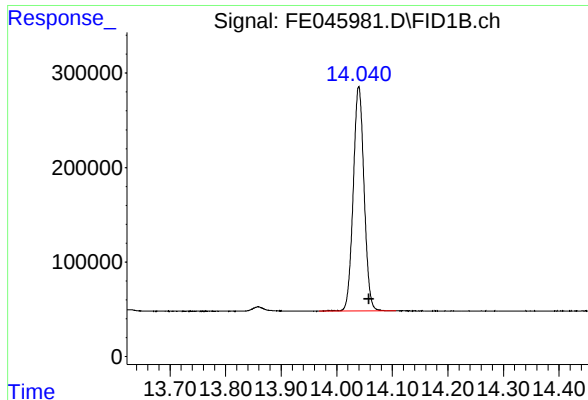
#11 n-Heneicosane (C21)

R.T.: 13.453 min
Delta R.T.: -0.018 min
Response: 3273682
Conc: 19.03 ug/ml



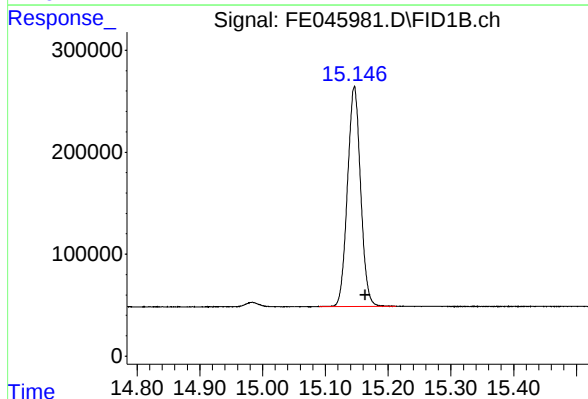
#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.018 min
Response: 2982434
Conc: 18.95 ug/ml



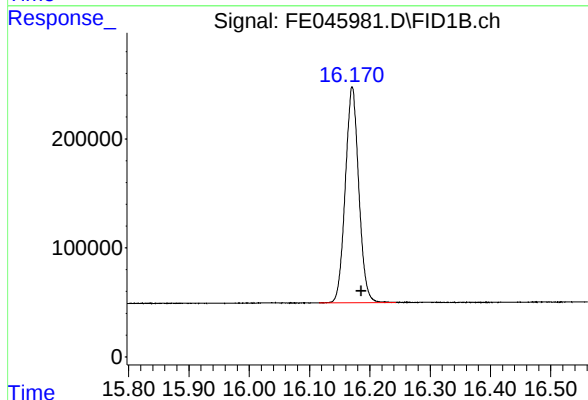
#13 n-Docosane (C22)

R.T.: 14.040 min
Delta R.T.: -0.018 min
Response: 3224618
Conc: 18.70 ug/ml



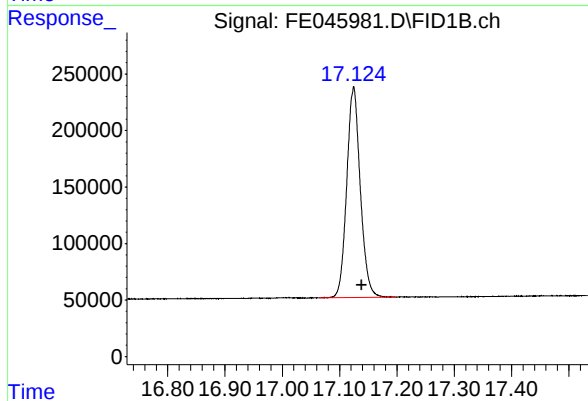
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 3134764
Conc: 17.96 ug/ml



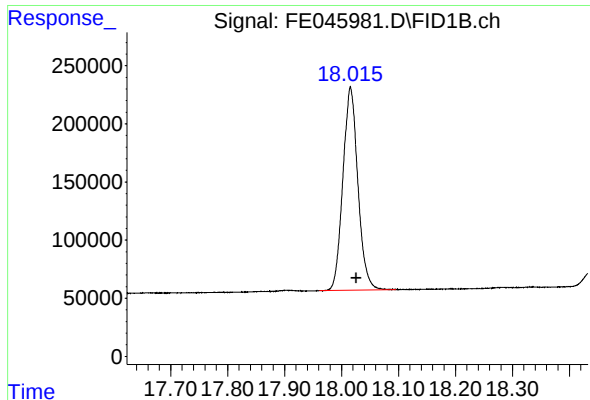
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.015 min
Response: 3068033
Conc: 17.62 ug/ml



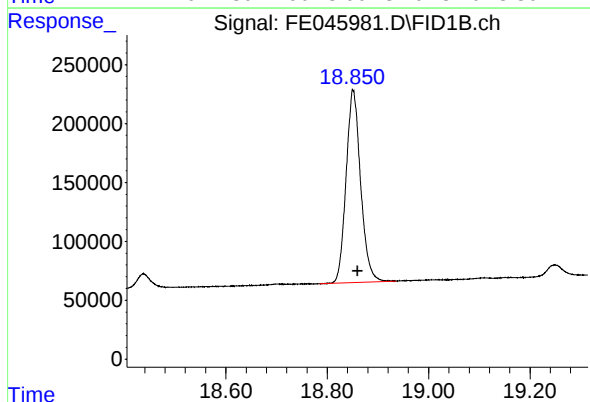
#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: -0.014 min
Response: 3057045
Conc: 17.69 ug/ml



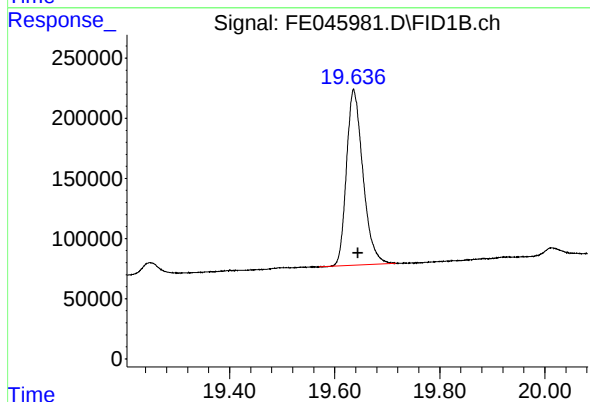
#17 n-Tricontane (C30)

R.T.: 18.016 min
Delta R.T.: -0.010 min
Response: 3196811
Conc: 18.27 ug/ml



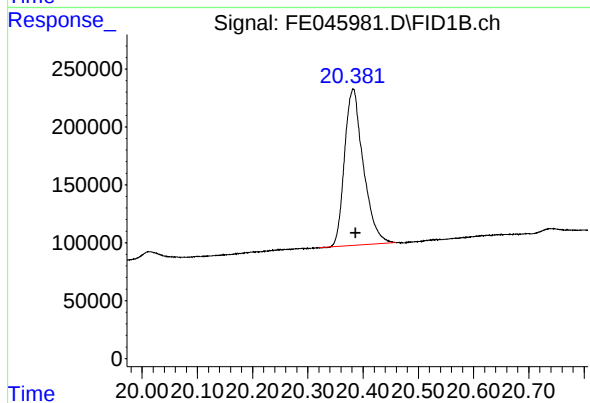
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.009 min
Response: 3258892
Conc: 17.86 ug/ml



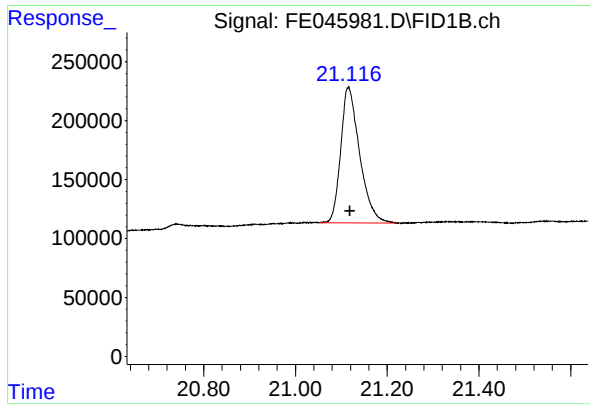
#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.009 min
Response: 3175409
Conc: 19.14 ug/ml



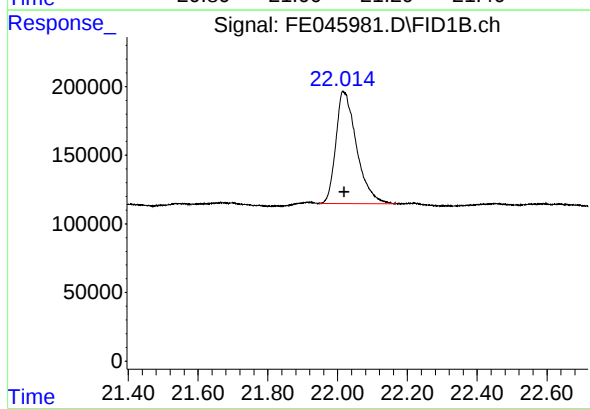
#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: -0.004 min
Response: 3194783
Conc: 20.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.003 min
Response: 3296936
Conc: 21.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: -0.006 min
Response: 3363111
Conc: 23.66 ug/ml m