

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112423AL\
 Data File : FE045523.D
 Signal(s) : FID1B.ch
 Acq On : 24 Nov 2023 11:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 23:04:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.868	3922733	20.546 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
12) S 1-chlorooctadecane (S...	13.312	2766819	20.087 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
Target Compounds			
1) T n-Nonane (C9)	3.256	3378852	20.453 ug/ml
2) T n-Decane (C10)	4.507	3444444	20.542 ug/ml
3) T A~Naphthalene (C11.7)	6.207	3625251	20.310 ug/ml
4) T n-Dodecane (C12)	6.673	3463583	20.508 ug/ml
5) T A~2-methylnaphthalene...	7.302	3472696	20.223 ug/ml
6) T n-Tetradecane (C14)	8.500	3404629	20.428 ug/ml
7) T n-Hexadecane (C16)	10.110	3446259	20.489 ug/ml
8) T n-Octadecane (C18)	11.555	3415028	20.404 ug/ml
10) T n-Eicosane (C20)	12.867	3239485	20.450 ug/ml
11) T n-Heneicosane (C21)	13.480	3153294	20.508 ug/ml
13) T n-Docosane (C22)	14.066	3090357	20.396 ug/ml
14) T n-Tetracosane (C24)	15.171	3032204	20.473 ug/ml
15) T n-Hexacosane (C26)	16.194	2974217	20.406 ug/ml
16) T n-Octacosane (C28)	17.146	2971855	20.337 ug/ml
17) T n-Tricontane (C30)	18.035	3084660	20.307 ug/ml
18) T n-Dotriacontane (C32)	18.869	3160071	20.228 ug/ml
19) T n-Tetratriacontane (C34)	19.656	3146737	20.154 ug/ml
20) T n-Hexatriacontane (C36)	20.398	3261821	20.095 ug/ml
21) T n-Octatriacontane (C38)	21.134	3352521	20.179 ug/ml
22) T n-Tetracontane (C40)	22.042	3468225	20.305 ug/ml

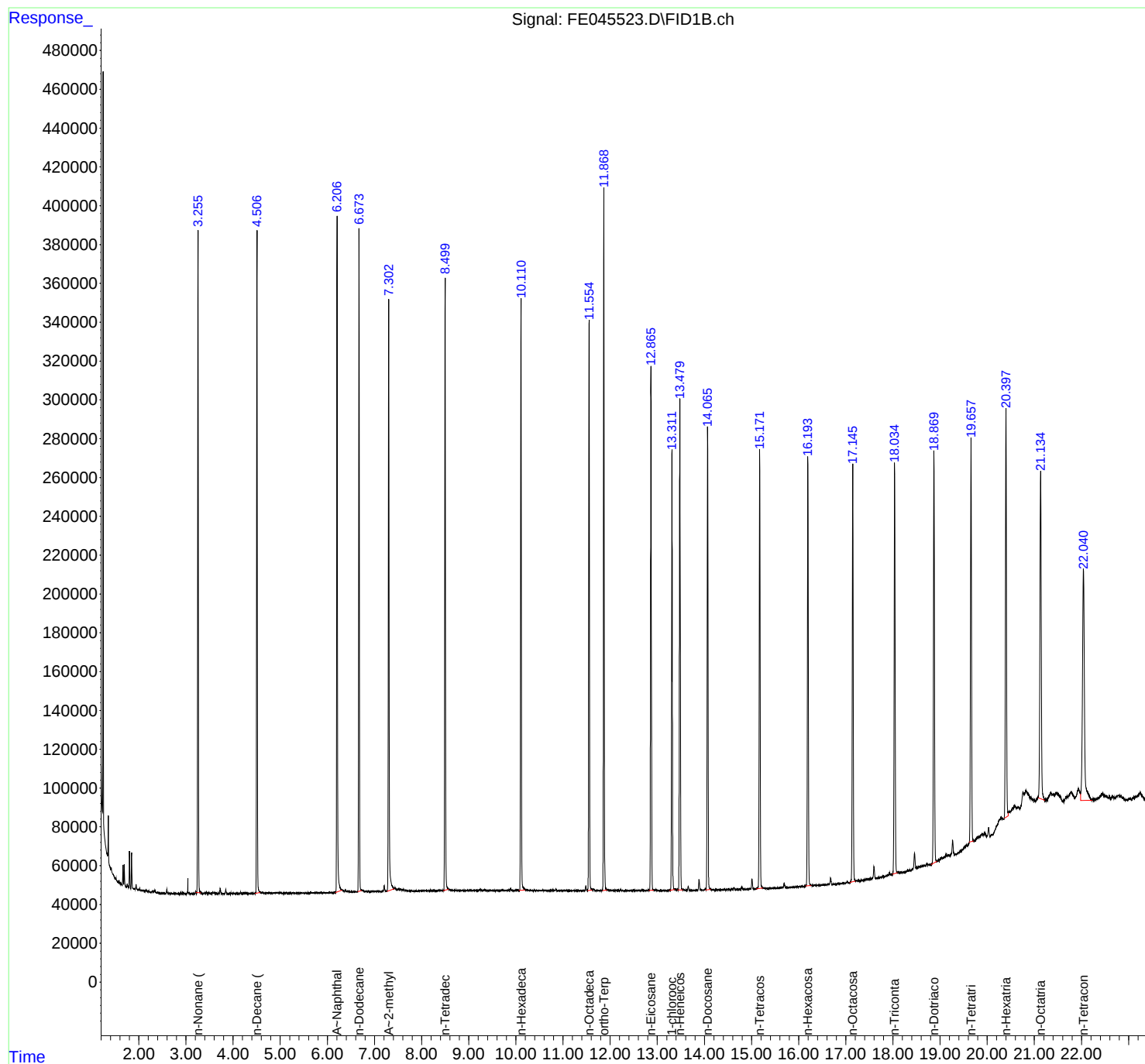
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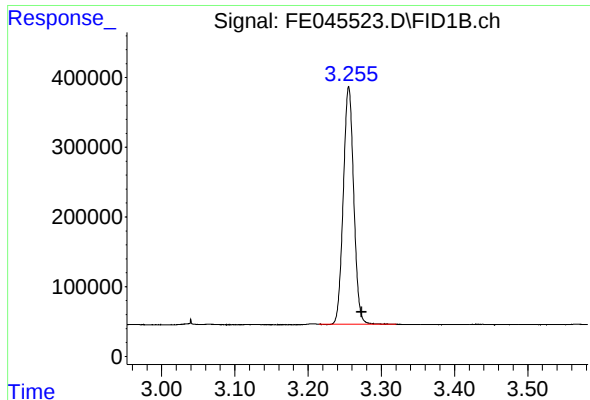
(m)=manual int.

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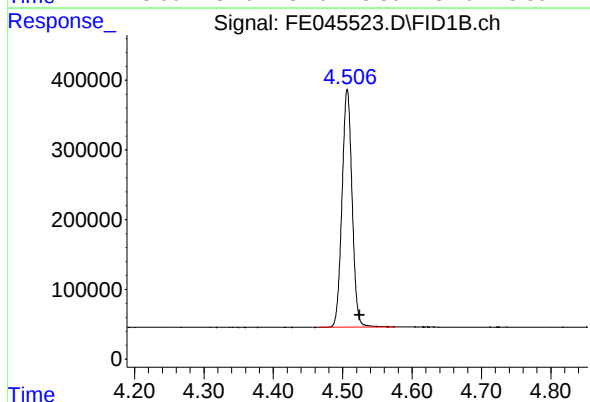
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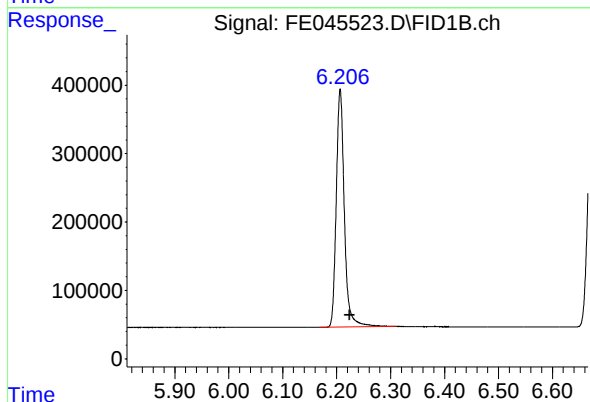
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.017 min
Response: 3378852
Conc: 20.45 ug/ml



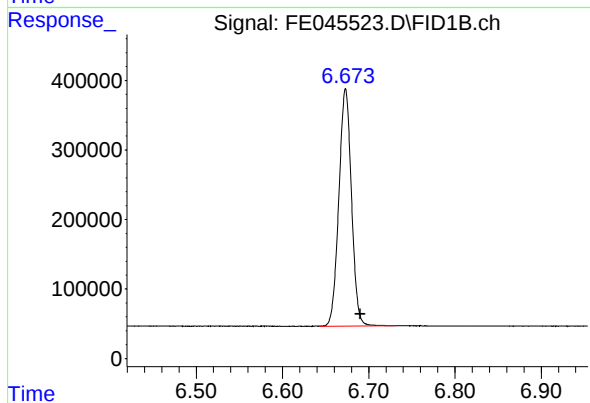
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: -0.018 min
Response: 3444444
Conc: 20.54 ug/ml



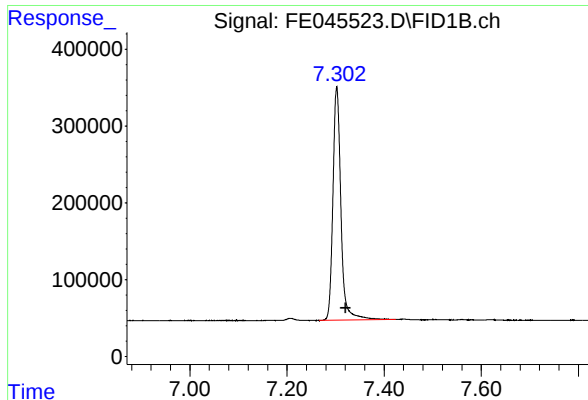
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.018 min
Response: 3625251
Conc: 20.31 ug/ml



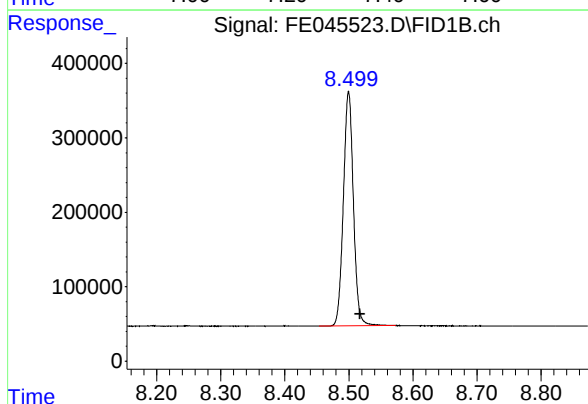
#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: -0.017 min
Response: 3463583
Conc: 20.51 ug/ml



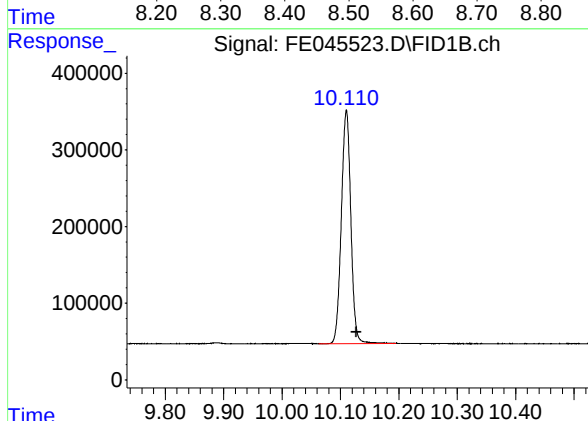
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.302 min
Delta R.T.: -0.018 min
Response: 3472696
Conc: 20.22 ug/ml



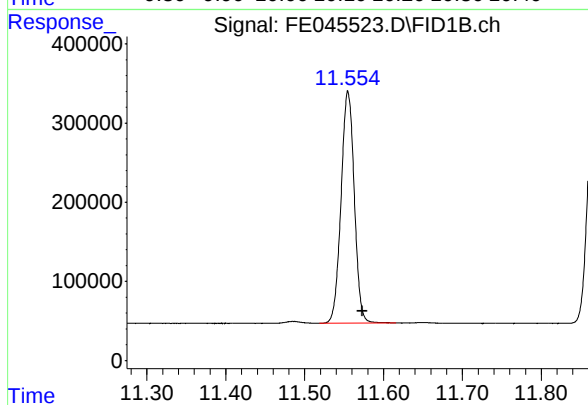
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: -0.018 min
Response: 3404629
Conc: 20.43 ug/ml



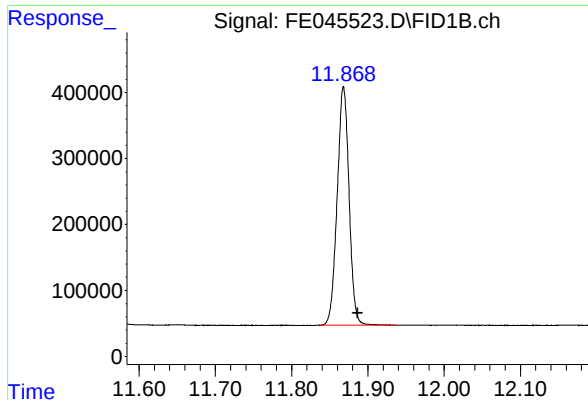
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.017 min
Response: 3446259
Conc: 20.49 ug/ml



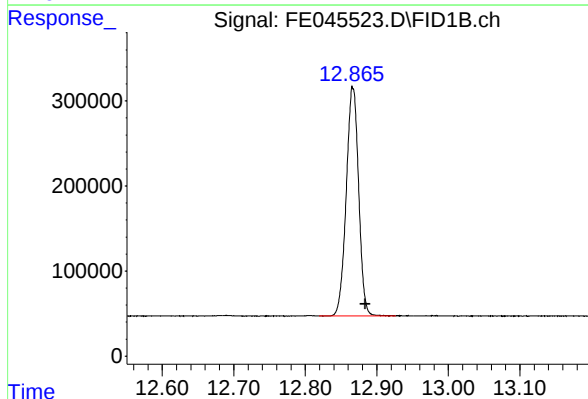
#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.018 min
Response: 3415028
Conc: 20.40 ug/ml



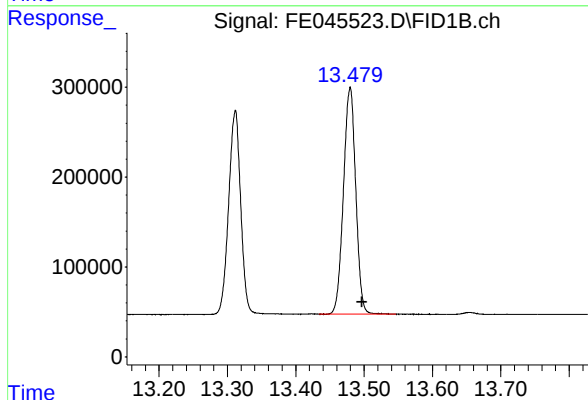
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.019 min
Response: 3922733
Conc: 20.55 ug/ml



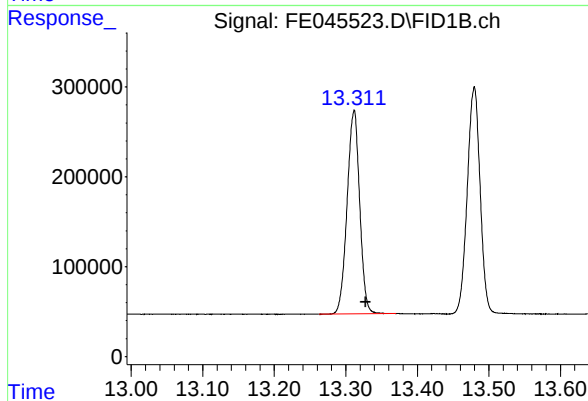
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.017 min
Response: 3239485
Conc: 20.45 ug/ml



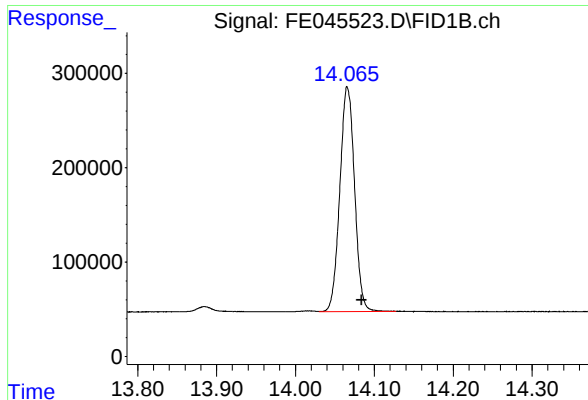
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.017 min
Response: 3153294
Conc: 20.51 ug/ml



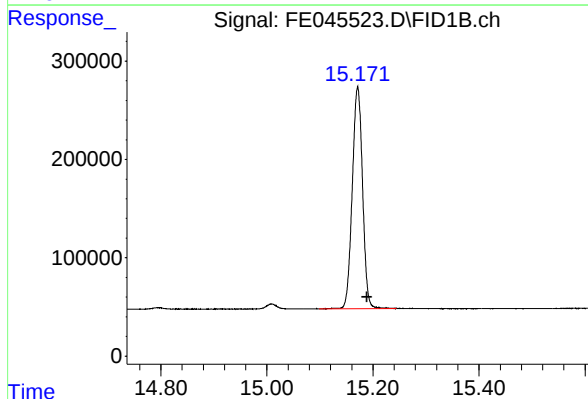
#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: -0.016 min
Response: 2766819
Conc: 20.09 ug/ml



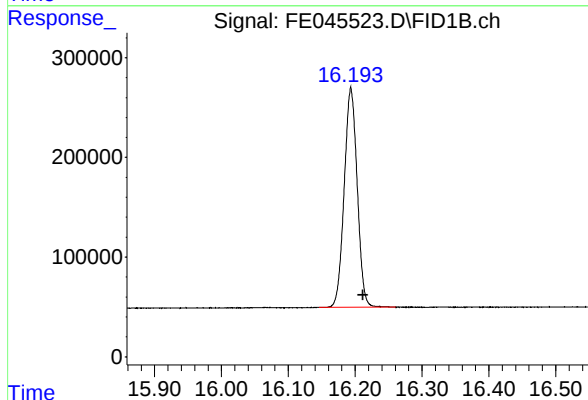
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.018 min
Response: 3090357
Conc: 20.40 ug/ml



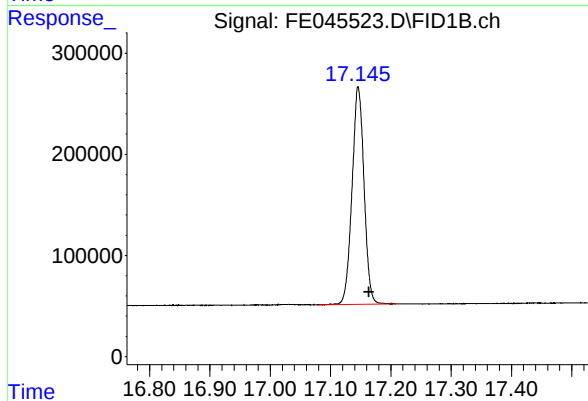
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.018 min
Response: 3032204
Conc: 20.47 ug/ml



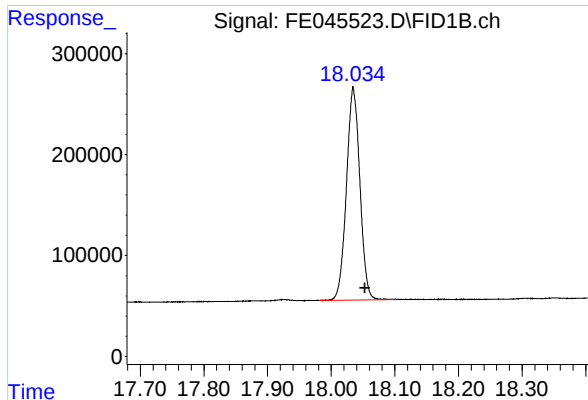
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.018 min
Response: 2974217
Conc: 20.41 ug/ml



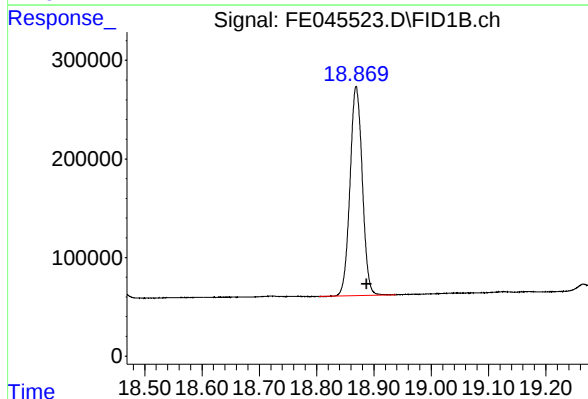
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.018 min
Response: 2971855
Conc: 20.34 ug/ml



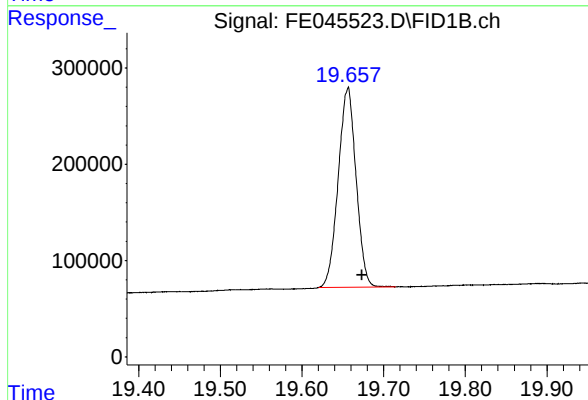
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: -0.018 min
Response: 3084660
Conc: 20.31 ug/ml



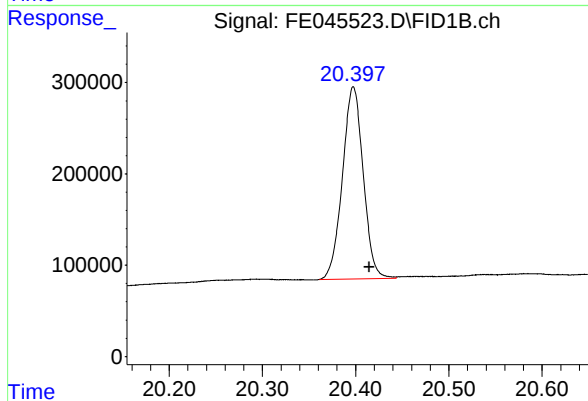
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.019 min
Response: 3160071
Conc: 20.23 ug/ml



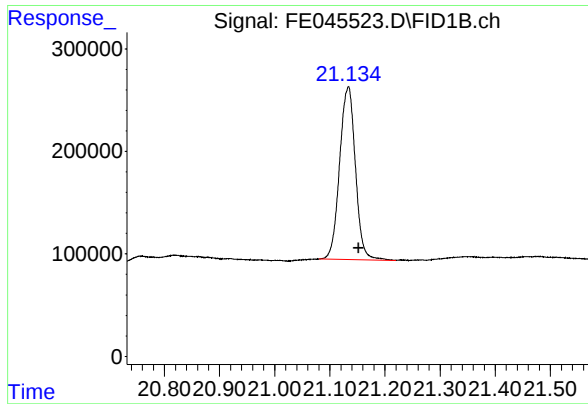
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.017 min
Response: 3146737
Conc: 20.15 ug/ml



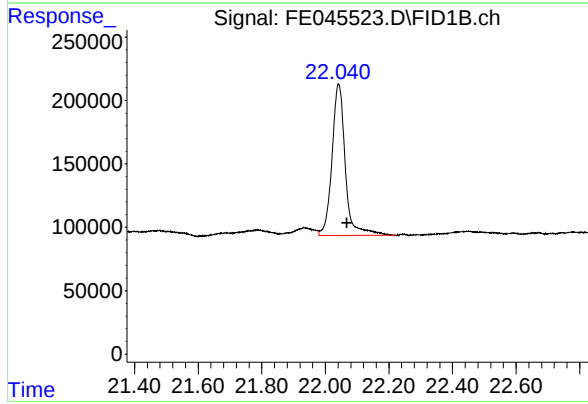
#20 n-Hexatriacontane (C36)

R.T.: 20.398 min
Delta R.T.: -0.017 min
Response: 3261821
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: -0.019 min
Response: 3352521
Conc: 20.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: -0.026 min
Response: 3468225
Conc: 20.30 ug/ml