

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121823AL\
 Data File : FE045904.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2023 00:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 19 00:42:24 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	4074860	19.486 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
12) S 1-chlorooctadecane (S...	13.286	2990684	19.007 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
Target Compounds			
1) T n-Nonane (C9)	3.228	3426928	21.611 ug/ml
2) T n-Decane (C10)	4.479	3481302	21.740 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3781768	21.710 ug/ml
4) T n-Dodecane (C12)	6.646	3528052	21.842 ug/ml
5) T A~2-methylnaphthalene...	7.276	3672348	21.625 ug/ml
6) T n-Tetradecane (C14)	8.473	3504806	21.847 ug/ml
7) T n-Hexadecane (C16)	10.083	3545303	21.410 ug/ml
8) T n-Octadecane (C18)	11.530	3519262	20.527 ug/ml
10) T n-Eicosane (C20)	12.841	3357281	19.404 ug/ml
11) T n-Heneicosane (C21)	13.454	3273851	19.031 ug/ml
13) T n-Docosane (C22)	14.041	3199897	18.559 ug/ml
14) T n-Tetracosane (C24)	15.147	3097822	17.744 ug/ml
15) T n-Hexacosane (C26)	16.172	3011881	17.294 ug/ml
16) T n-Octacosane (C28)	17.123	2961733	17.136 ug/ml
17) T n-Tricontane (C30)	18.014	3026902	17.302 ug/ml
18) T n-Dotriacontane (C32)	18.850	3053608	16.738 ug/ml
19) T n-Tetratriacontane (C34)	19.636	3034218	18.286 ug/ml
20) T n-Hexatriacontane (C36)	20.378	3080819	19.408 ug/ml
21) T n-Octatriacontane (C38)	21.113	3224858	20.564 ug/ml
22) T n-Tetracontane (C40)	22.018	3345622	23.542 ug/ml

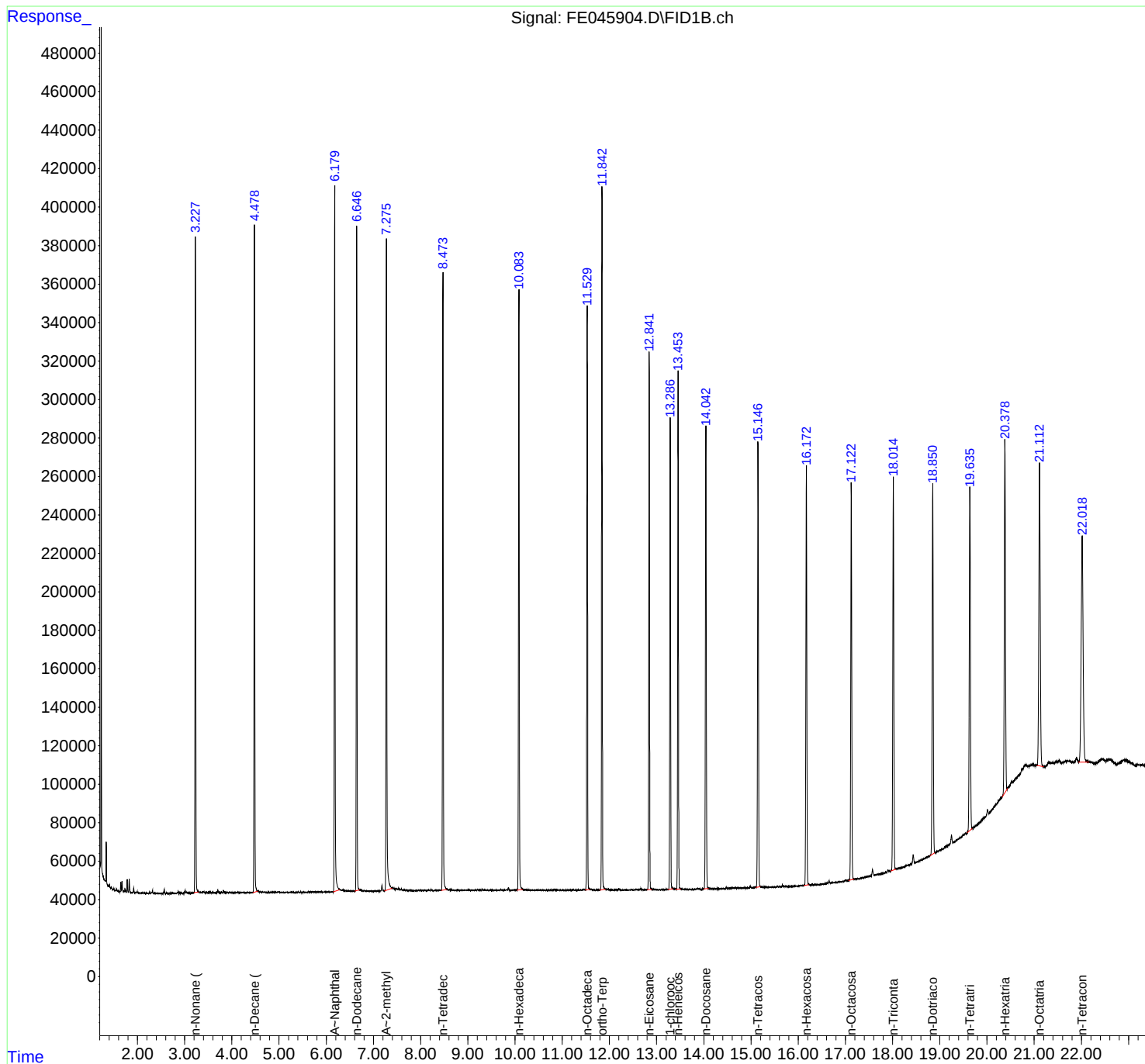
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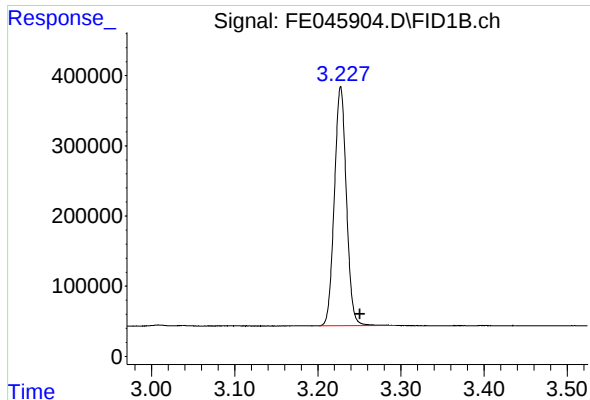
(m)=manual int.

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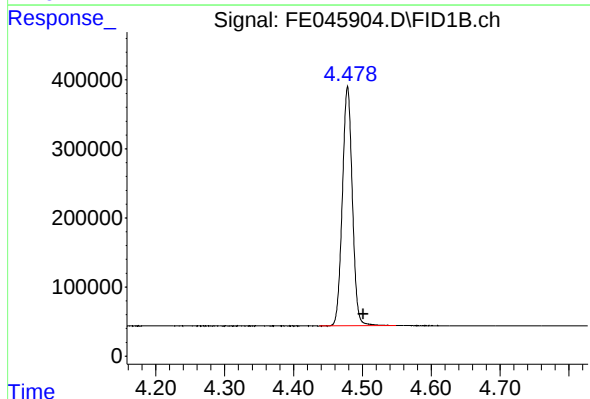
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Signal Info : 20M x 0.18mm x 0.18um





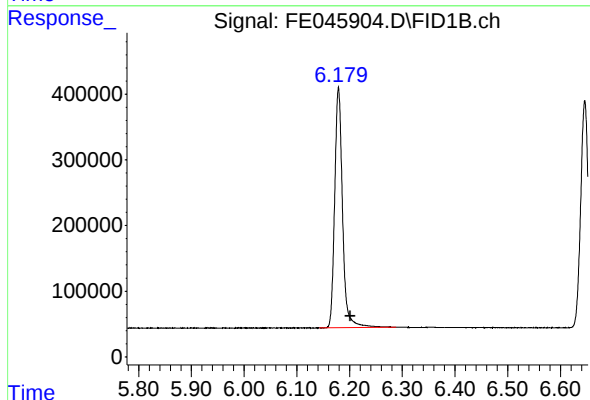
#1 n-Nonane (C9)

R.T.: 3.228 min
Delta R.T.: -0.023 min
Response: 3426928
Conc: 21.61 ug/ml



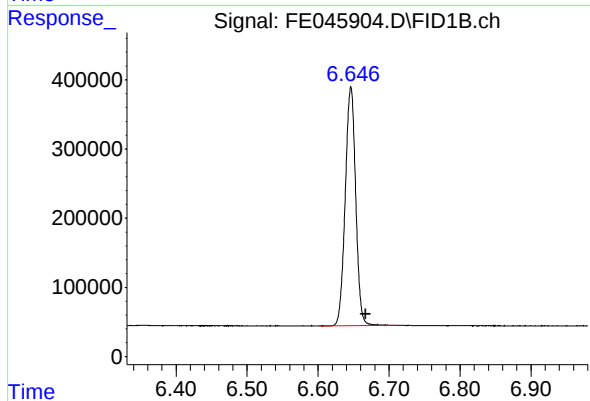
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.023 min
Response: 3481302
Conc: 21.74 ug/ml



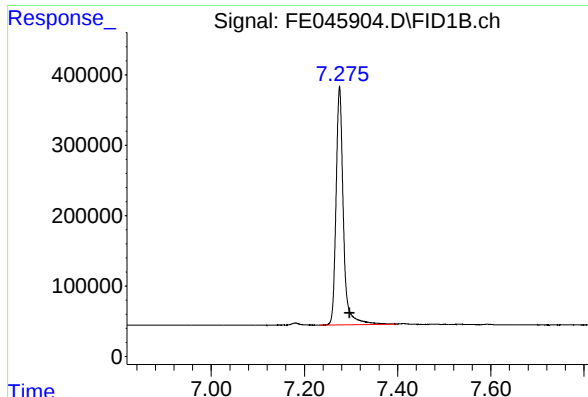
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.022 min
Response: 3781768
Conc: 21.71 ug/ml



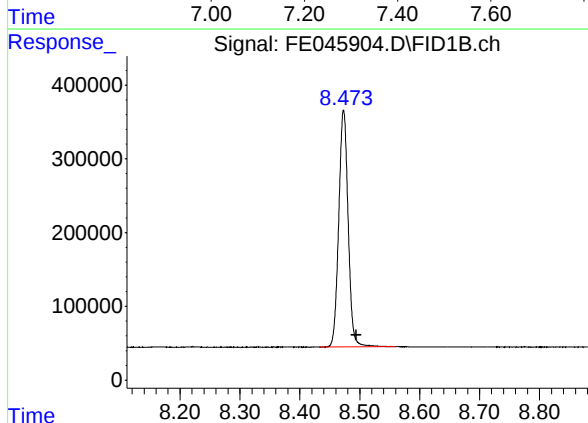
#4 n-Dodecane (C12)

R.T.: 6.646 min
Delta R.T.: -0.021 min
Response: 3528052
Conc: 21.84 ug/ml



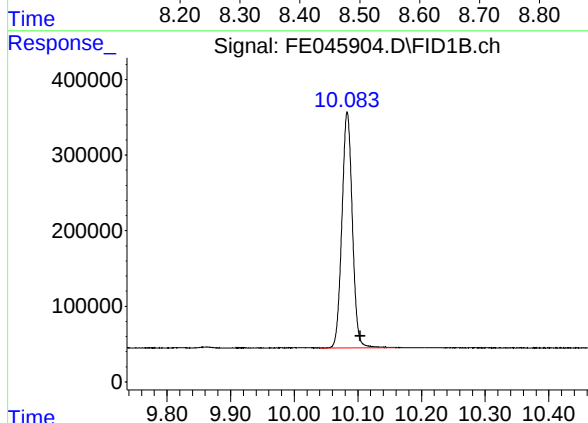
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: -0.022 min
Response: 3672348
Conc: 21.63 ug/ml



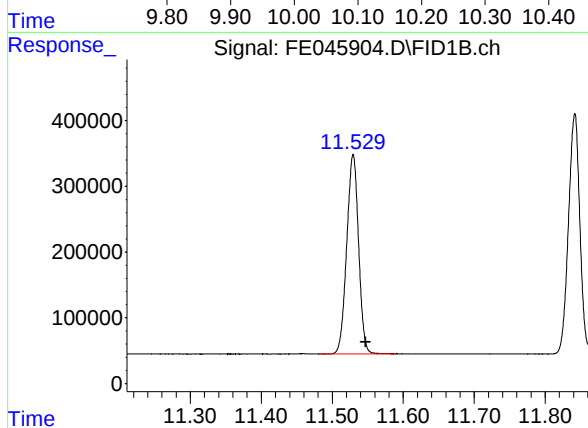
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.021 min
Response: 3504806
Conc: 21.85 ug/ml



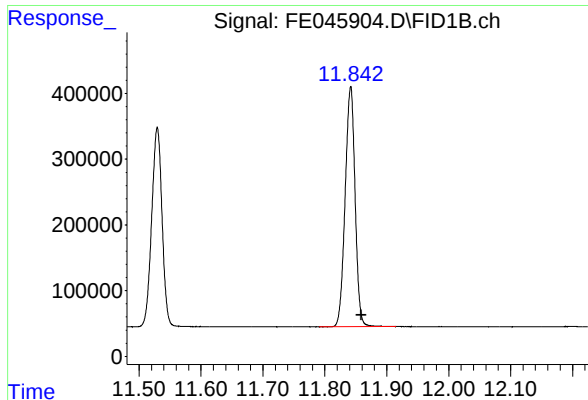
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.021 min
Response: 3545303
Conc: 21.41 ug/ml



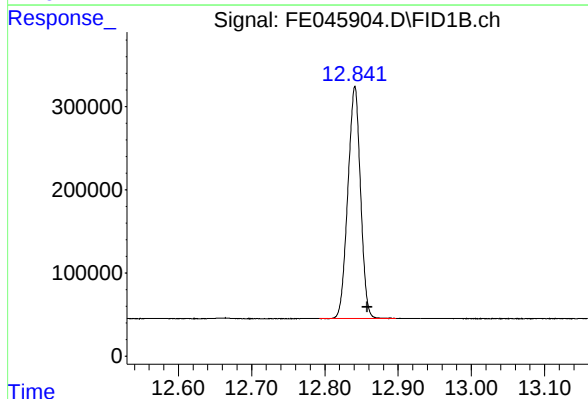
#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.018 min
Response: 3519262
Conc: 20.53 ug/ml



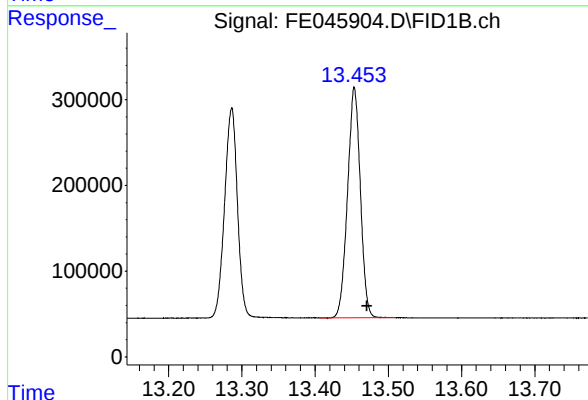
#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.017 min
Response: 4074860
Conc: 19.49 ug/ml



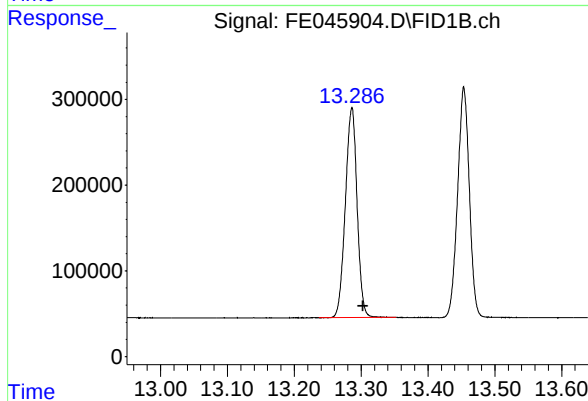
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.017 min
Response: 3357281
Conc: 19.40 ug/ml



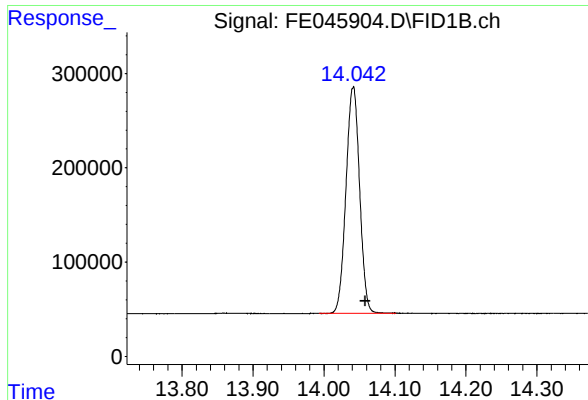
#11 n-Heneicosane (C21)

R.T.: 13.454 min
Delta R.T.: -0.018 min
Response: 3273851
Conc: 19.03 ug/ml



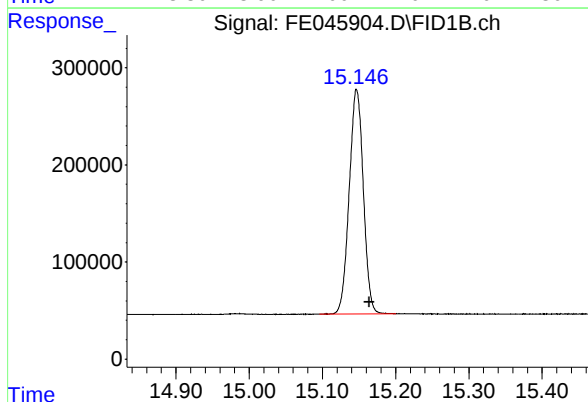
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.017 min
Response: 2990684
Conc: 19.01 ug/ml



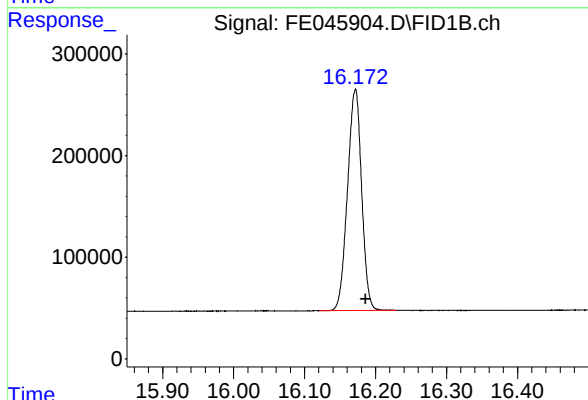
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.017 min
Response: 3199897
Conc: 18.56 ug/ml



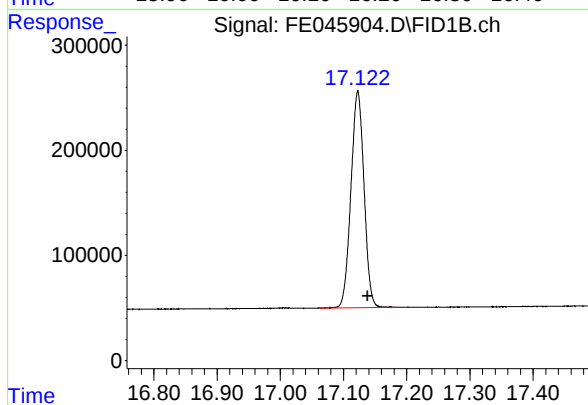
#14 n-Tetracosane (C24)

R.T.: 15.147 min
Delta R.T.: -0.017 min
Response: 3097822
Conc: 17.74 ug/ml



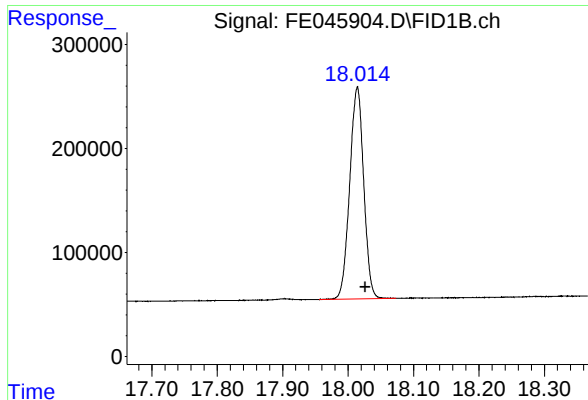
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.014 min
Response: 3011881
Conc: 17.29 ug/ml



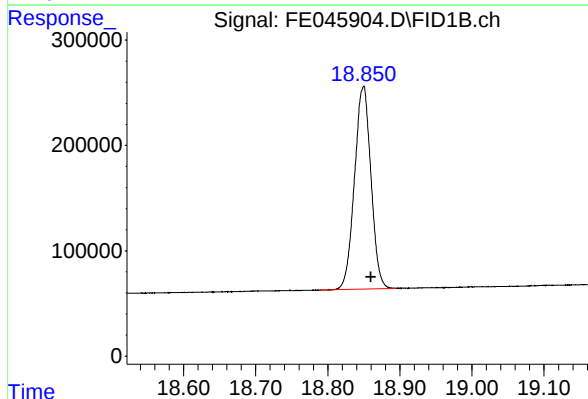
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.015 min
Response: 2961733
Conc: 17.14 ug/ml



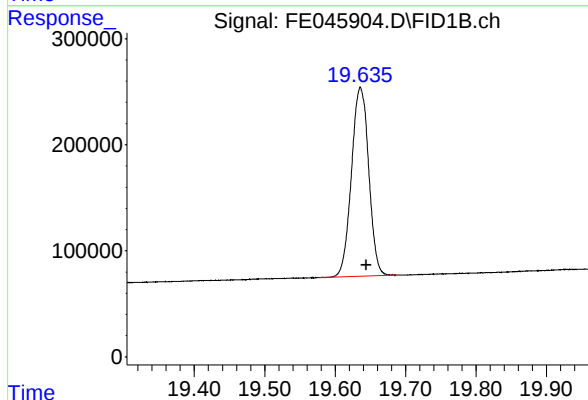
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: -0.012 min
Response: 3026902
Conc: 17.30 ug/ml



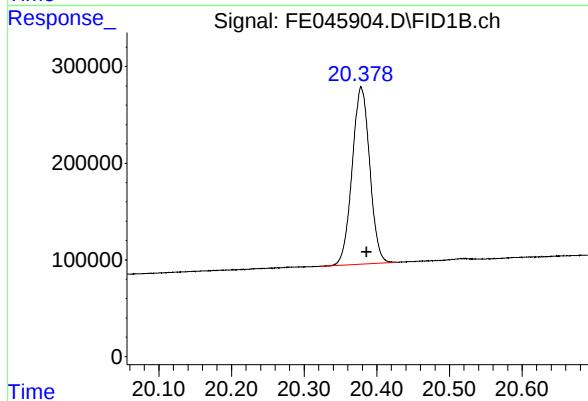
#18 n-Dotriacontane (C32)

R.T.: 18.850 min
Delta R.T.: -0.010 min
Response: 3053608
Conc: 16.74 ug/ml



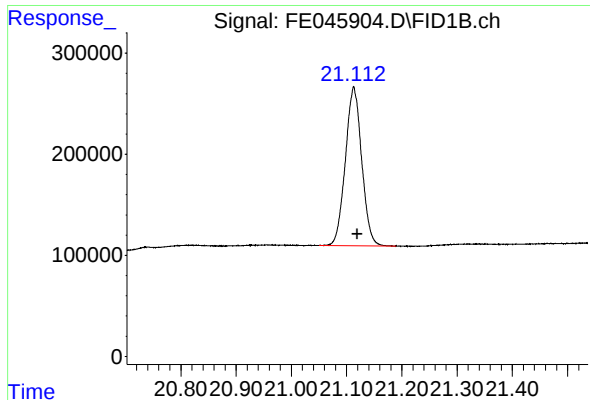
#19 n-Tetatriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.009 min
Response: 3034218
Conc: 18.29 ug/ml



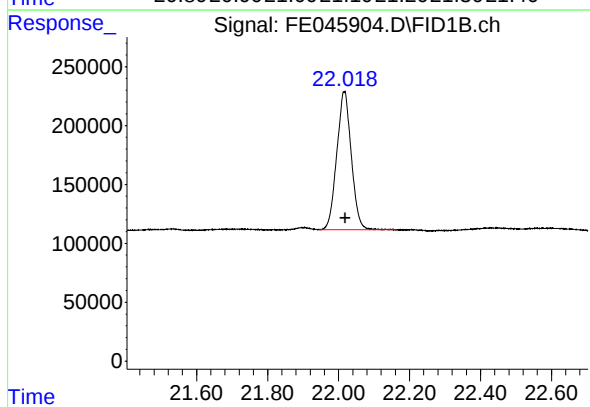
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.008 min
Response: 3080819
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: -0.006 min
Response: 3224858
Conc: 20.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: -0.002 min
Response: 3345622
Conc: 23.54 ug/ml