

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121923AL\
 Data File : FE045914.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2023 11:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 19 22:23:22 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)	11.839	4149442	19.843 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	13.283	3063342	19.469 ug/ml
Spiked Amount 50.000		Recovery =	38.94%
Target Compounds			
1) T n-Nonane (C9)	3.226	3491297	22.017 ug/ml
2) T n-Decane (C10)	4.477	3553001	22.188 ug/ml
3) T A~Naphthalene (C11.7)	6.178	3833156	22.005 ug/ml
4) T n-Dodecane (C12)	6.645	3574217	22.127 ug/ml
5) T A~2-methylnaphthalene...	7.274	3703501	21.809 ug/ml
6) T n-Tetradecane (C14)	8.471	3544346	22.094 ug/ml
7) T n-Hexadecane (C16)	10.082	3585389	21.652 ug/ml
8) T n-Octadecane (C18)	11.527	3571936	20.834 ug/ml
10) T n-Eicosane (C20)	12.838	3428131	19.813 ug/ml
11) T n-Heneicosane (C21)	13.452	3348441	19.464 ug/ml
13) T n-Docosane (C22)	14.039	3288807	19.074 ug/ml
14) T n-Tetracosane (C24)	15.144	3193480	18.292 ug/ml
15) T n-Hexacosane (C26)	16.168	3106824	17.840 ug/ml
16) T n-Octacosane (C28)	17.120	3048003	17.636 ug/ml
17) T n-Tricontane (C30)	18.011	3112518	17.791 ug/ml
18) T n-Dotriacontane (C32)	18.845	3124494	17.127 ug/ml
19) T n-Tetratriacontane (C34)	19.632	3091801	18.633 ug/ml
20) T n-Hexatriacontane (C36)	20.375	3108499	19.583 ug/ml
21) T n-Octatriacontane (C38)	21.108	3243870	20.685 ug/ml
22) T n-Tetracontane (C40)	22.011	3361466	23.653 ug/ml

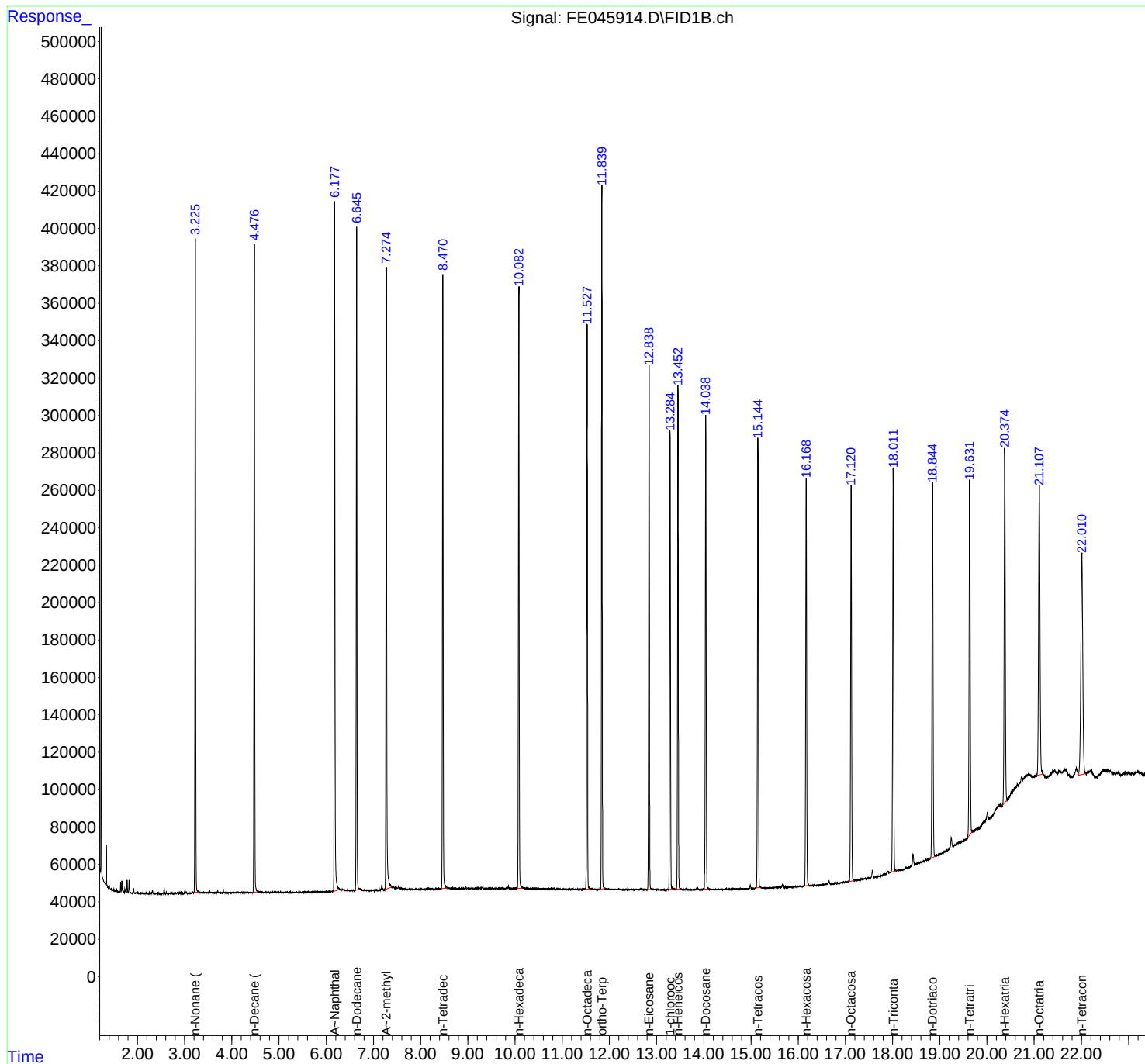
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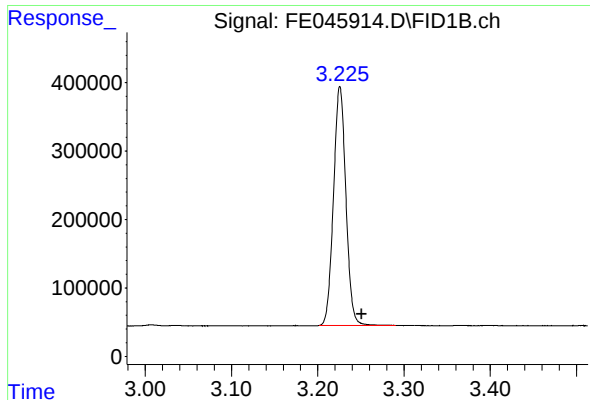
(m)=manual int.

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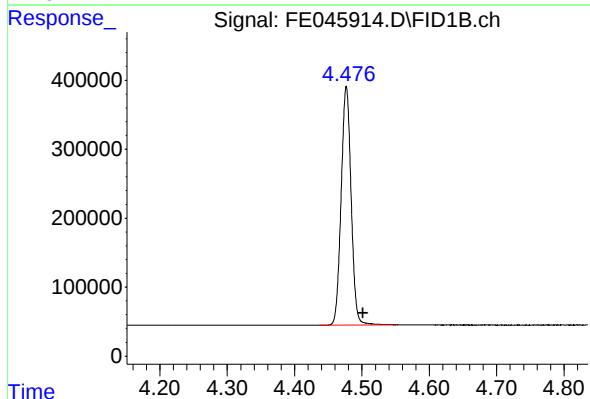
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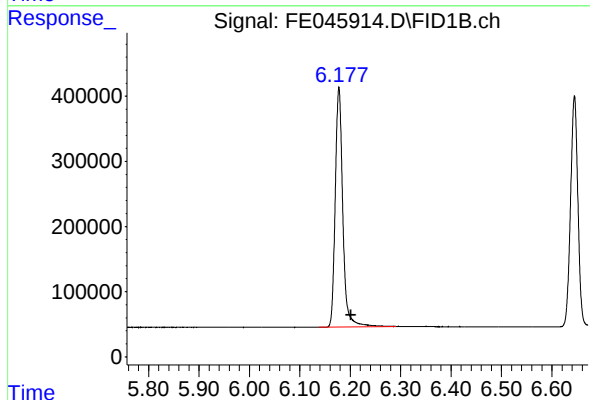
#1 n-Nonane (C9)

R.T.: 3.226 min
Delta R.T.: -0.025 min
Response: 3491297
Conc: 22.02 ug/ml



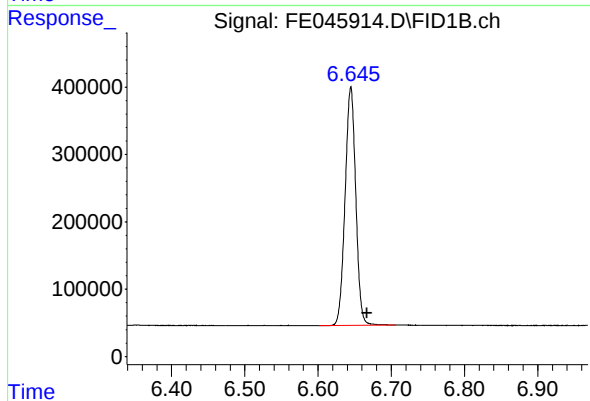
#2 n-Decane (C10)

R.T.: 4.477 min
Delta R.T.: -0.024 min
Response: 3553001
Conc: 22.19 ug/ml



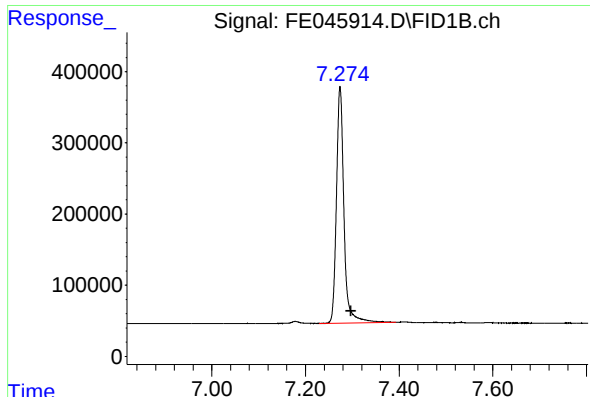
#3 A~Naphthalene (C11.7)

R.T.: 6.178 min
Delta R.T.: -0.024 min
Response: 3833156
Conc: 22.01 ug/ml



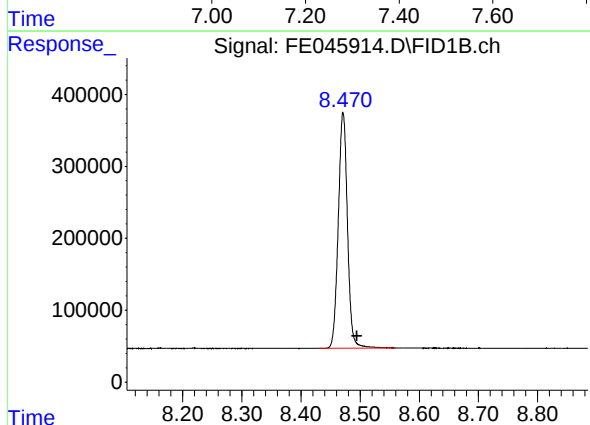
#4 n-Dodecane (C12)

R.T.: 6.645 min
Delta R.T.: -0.022 min
Response: 3574217
Conc: 22.13 ug/ml



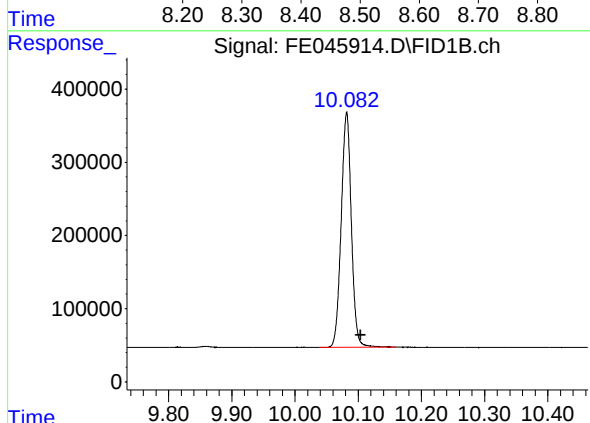
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.274 min
Delta R.T.: -0.023 min
Response: 3703501
Conc: 21.81 ug/ml



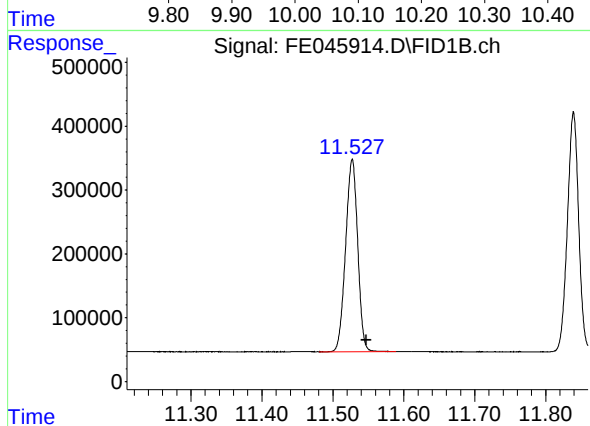
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.023 min
Response: 3544346
Conc: 22.09 ug/ml



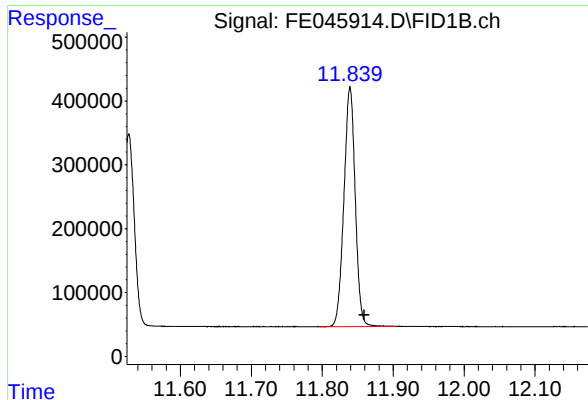
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.022 min
Response: 3585389
Conc: 21.65 ug/ml



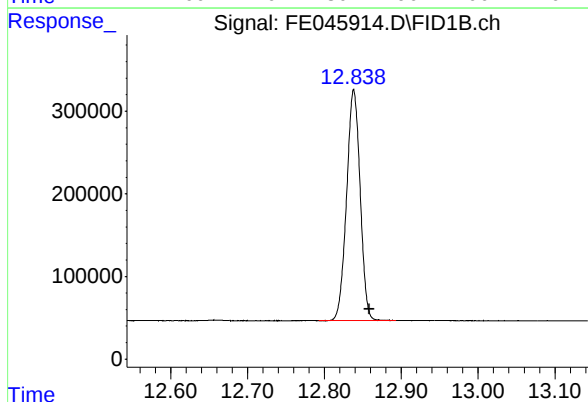
#8 n-Octadecane (C18)

R.T.: 11.527 min
Delta R.T.: -0.020 min
Response: 3571936
Conc: 20.83 ug/ml



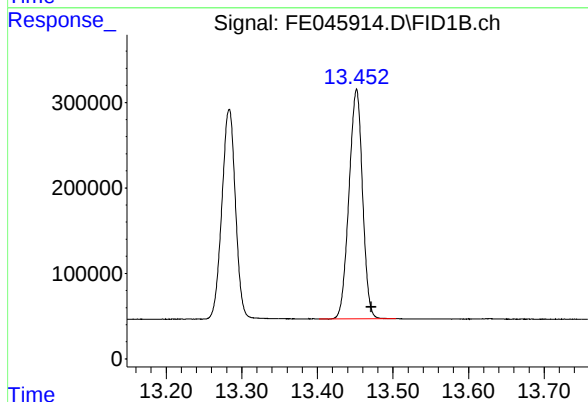
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.020 min
Response: 4149442
Conc: 19.84 ug/ml



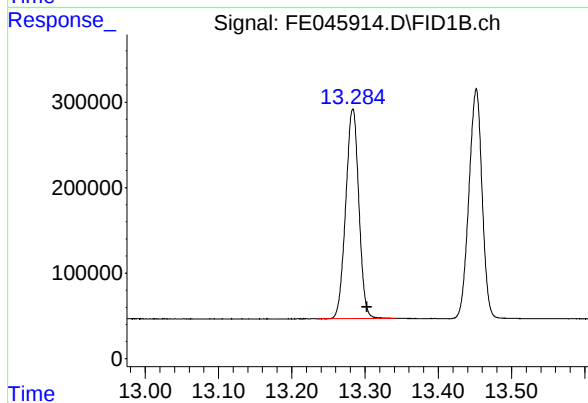
#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.020 min
Response: 3428131
Conc: 19.81 ug/ml



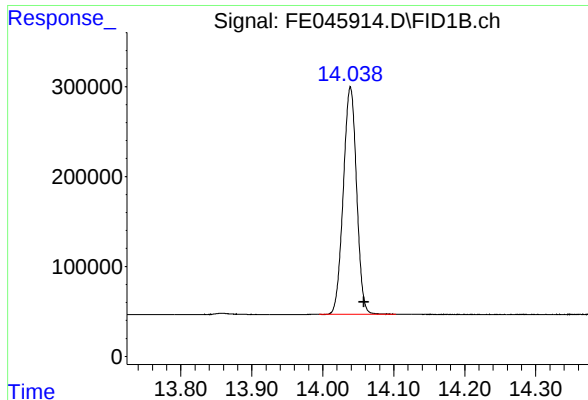
#11 n-Heneicosane (C21)

R.T.: 13.452 min
Delta R.T.: -0.019 min
Response: 3348441
Conc: 19.46 ug/ml



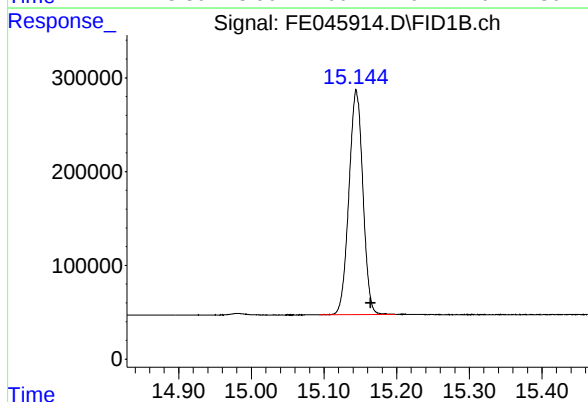
#12 1-chlorooctadecane (SURR)

R.T.: 13.283 min
Delta R.T.: -0.019 min
Response: 3063342
Conc: 19.47 ug/ml



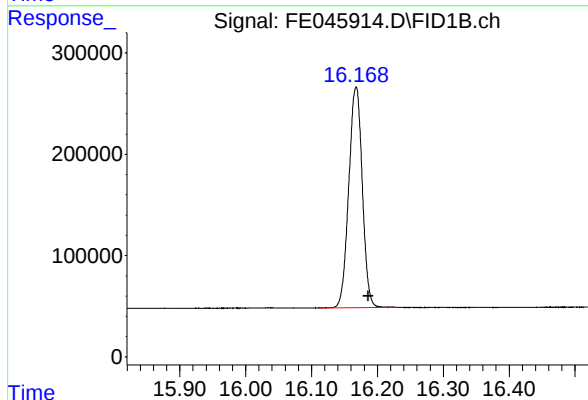
#13 n-Docosane (C22)

R.T.: 14.039 min
Delta R.T.: -0.019 min
Response: 3288807
Conc: 19.07 ug/ml



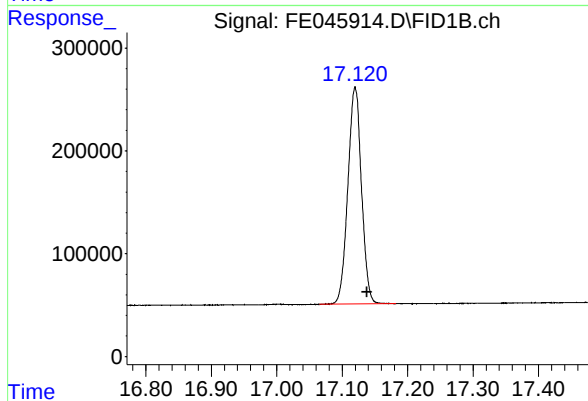
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.020 min
Response: 3193480
Conc: 18.29 ug/ml



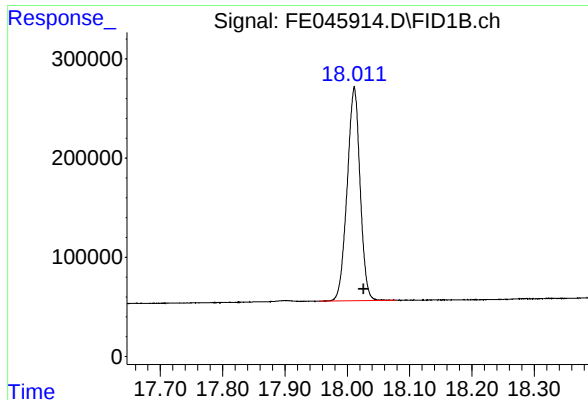
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.018 min
Response: 3106824
Conc: 17.84 ug/ml



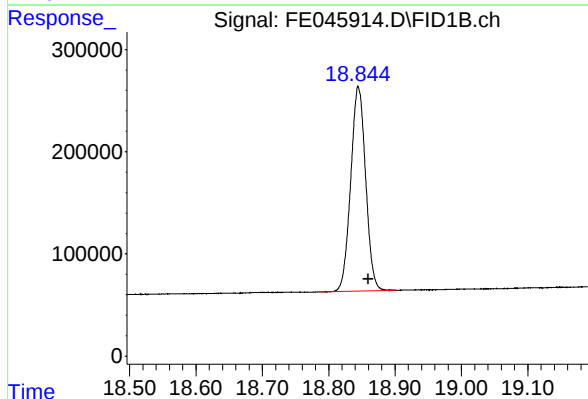
#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: -0.018 min
Response: 3048003
Conc: 17.64 ug/ml



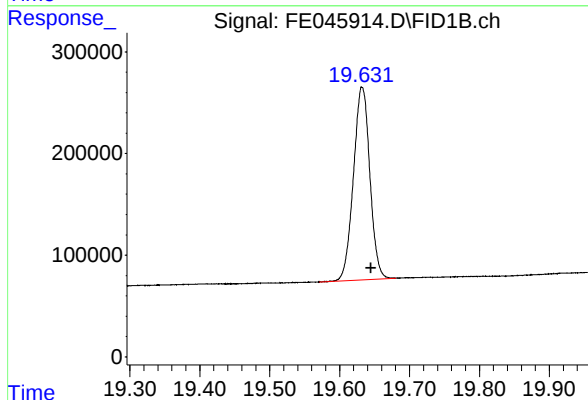
#17 n-Tricontane (C30)

R.T.: 18.011 min
Delta R.T.: -0.015 min
Response: 3112518
Conc: 17.79 ug/ml



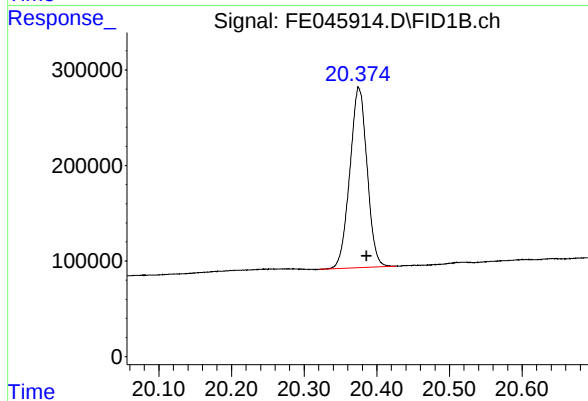
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.015 min
Response: 3124494
Conc: 17.13 ug/ml



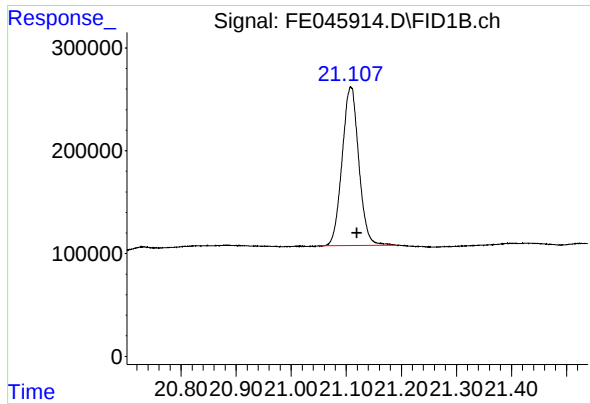
#19 n-Tetratriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.013 min
Response: 3091801
Conc: 18.63 ug/ml



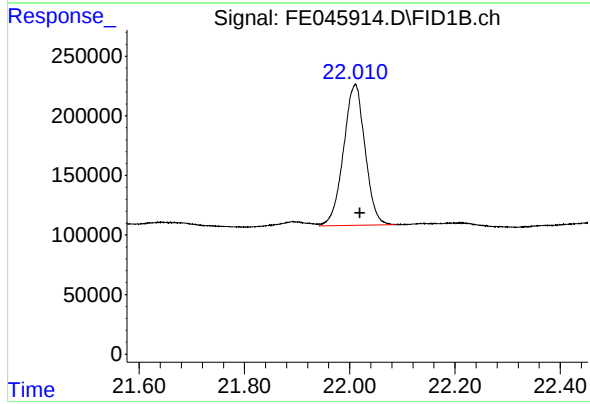
#20 n-Hexatriacontane (C36)

R.T.: 20.375 min
Delta R.T.: -0.011 min
Response: 3108499
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: -0.011 min
Response: 3243870
Conc: 20.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.011 min
Delta R.T.: -0.009 min
Response: 3361466
Conc: 23.65 ug/ml