

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030623AL\
 Data File : FD045233.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2023 13:44
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 07 02:55:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 05:29:49 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)	11.447	3344337	21.709 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
12) S 1-chlorooctadecane (S...	12.881	2379197	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
Target Compounds			
1) T n-Nonane (C9)	3.268	3036836	22.336 ug/ml
2) T n-Decane (C10)	4.324	2989987	22.385 ug/ml
3) T A~Naphthalene (C11.7)	5.890	3457333	22.060 ug/ml
4) T n-Dodecane (C12)	6.329	3031060	22.417 ug/ml
5) T A~2-methylnaphthalene...	6.940	3226777	21.846 ug/ml
6) T n-Tetradecane (C14)	8.114	3047837	22.443 ug/ml
7) T n-Hexadecane (C16)	9.706	3107224	22.326 ug/ml
8) T n-Octadecane (C18)	11.140	3129328	22.304 ug/ml
10) T n-Eicosane (C20)	12.441	2959132	21.843 ug/ml
11) T n-Heneicosane (C21)	13.049	2937450	21.542 ug/ml
13) T n-Docosane (C22)	13.632	2869036	21.427 ug/ml
14) T n-Tetracosane (C24)	14.728	2769094	21.145 ug/ml
15) T n-Hexacosane (C26)	15.742	2650320	21.045 ug/ml
16) T n-Octacosane (C28)	16.685	2547682	20.788 ug/ml
17) T n-Tricontane (C30)	17.566	2471964	20.879 ug/ml
18) T n-Dotriacontane (C32)	18.392	2463774	21.046 ug/ml
19) T n-Tetratriacontane (C34)	19.170	2442766	21.249 ug/ml
20) T n-Hexatriacontane (C36)	19.905	2318114	21.105 ug/ml
21) T n-Octatriacontane (C38)	20.609	2243131	20.812 ug/ml
22) T n-Tetracontane (C40)	21.446	2063280	19.245 ug/ml

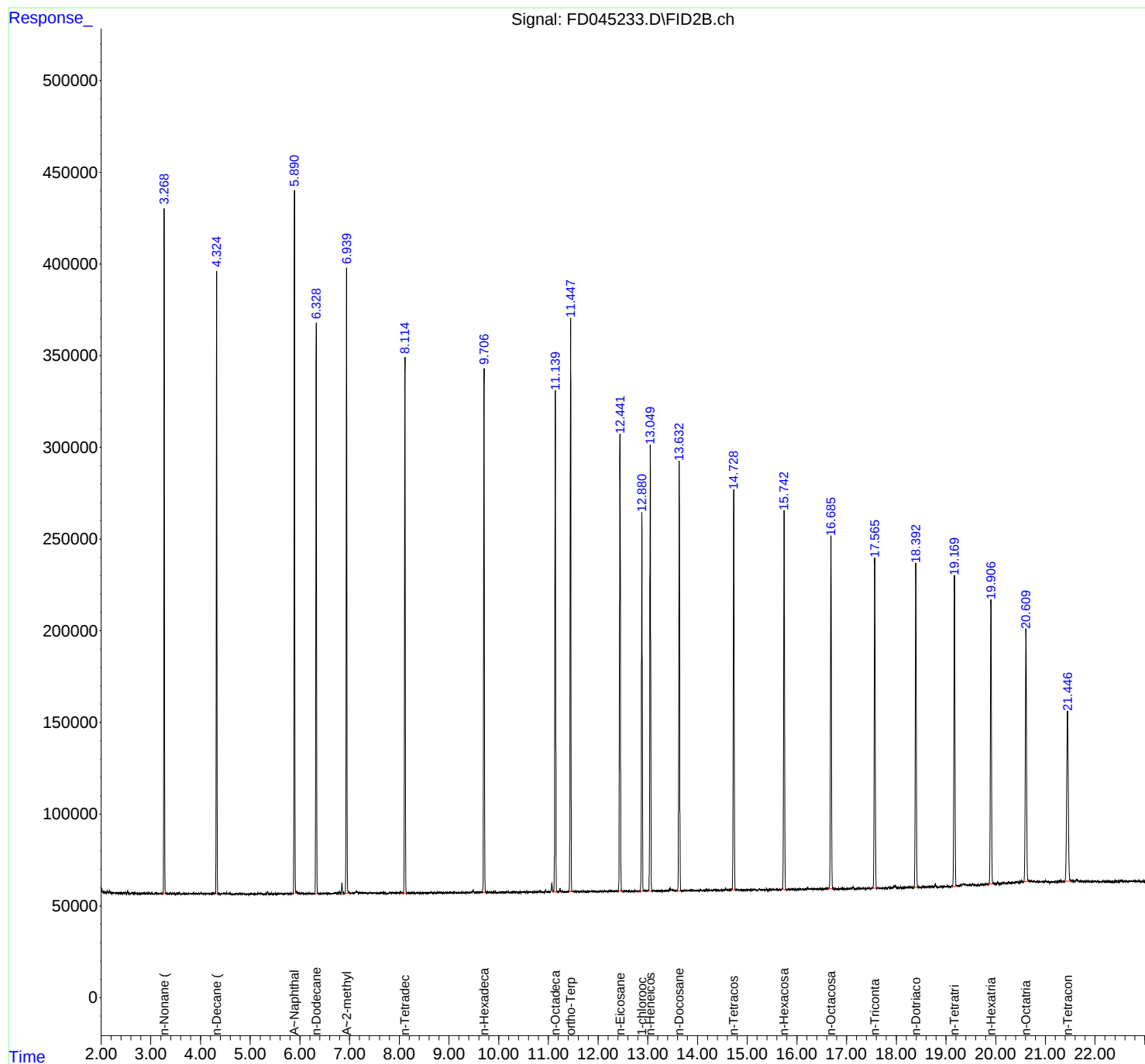
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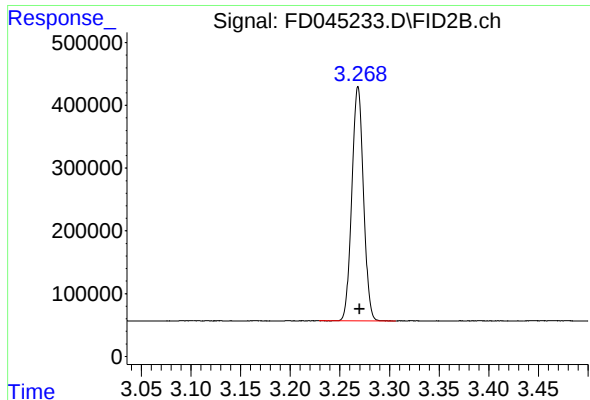
(m)=manual int.

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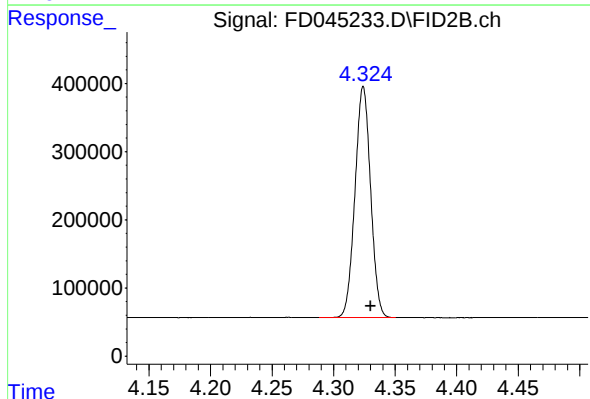
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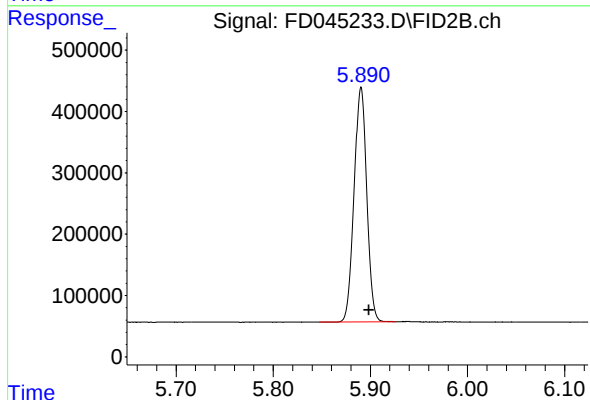
#1 n-Nonane (C9)

R.T.: 3.268 min
Delta R.T.: -0.002 min
Response: 3036836
Conc: 22.34 ug/ml



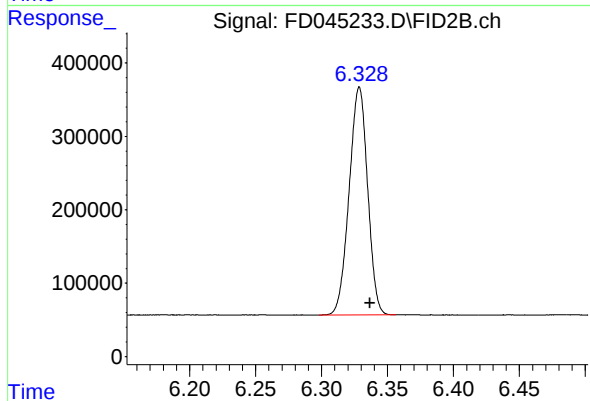
#2 n-Decane (C10)

R.T.: 4.324 min
Delta R.T.: -0.006 min
Response: 2989987
Conc: 22.38 ug/ml



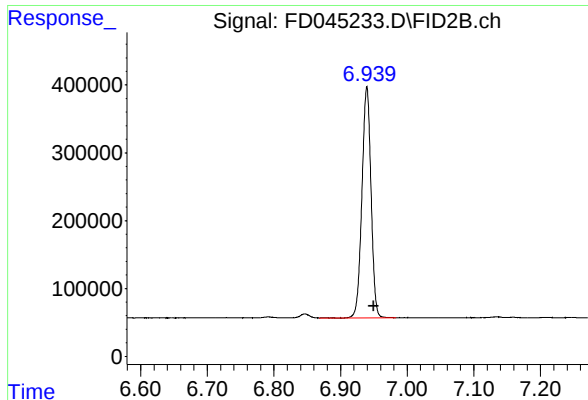
#3 A~Naphthalene (C11.7)

R.T.: 5.890 min
Delta R.T.: -0.008 min
Response: 3457333
Conc: 22.06 ug/ml



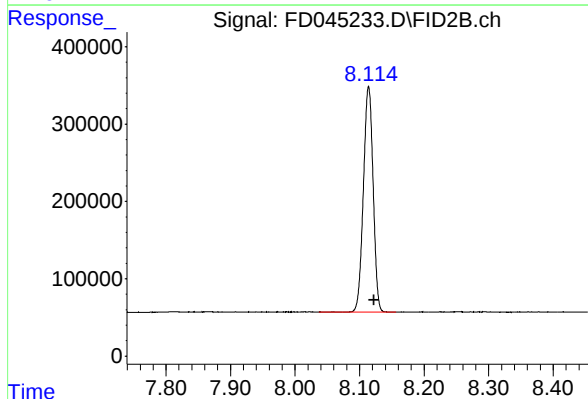
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.008 min
Response: 3031060
Conc: 22.42 ug/ml



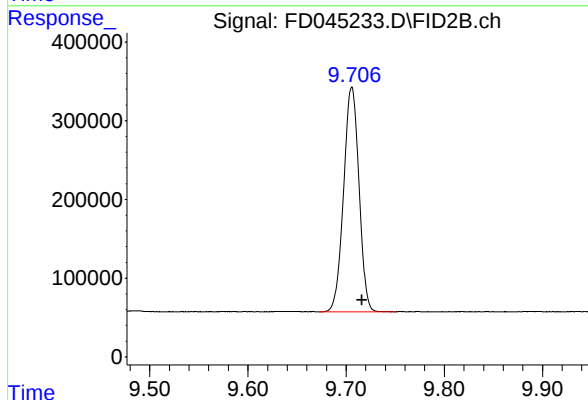
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.940 min
Delta R.T.: -0.010 min
Response: 3226777
Conc: 21.85 ug/ml



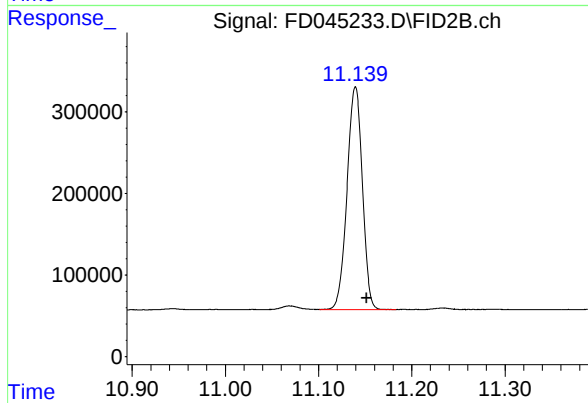
#6 n-Tetradecane (C14)

R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 3047837
Conc: 22.44 ug/ml



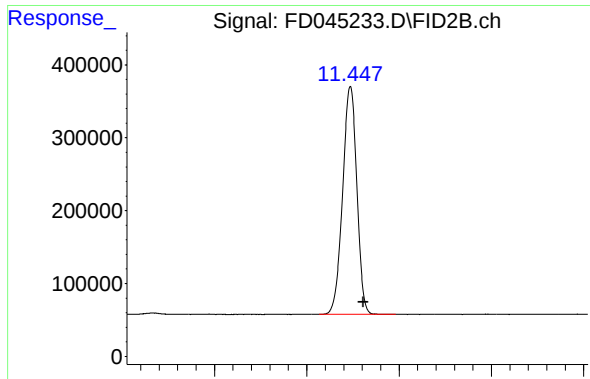
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.010 min
Response: 3107224
Conc: 22.33 ug/ml



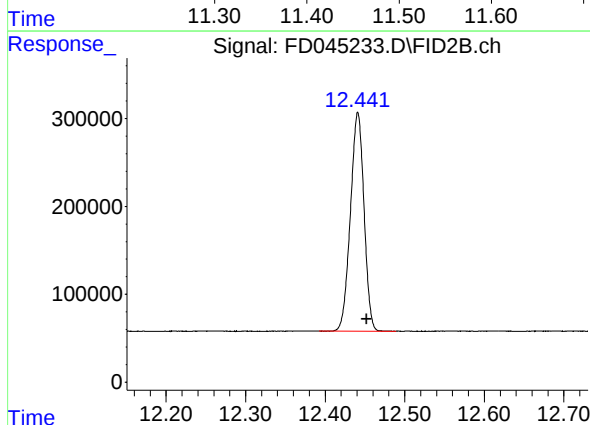
#8 n-Octadecane (C18)

R.T.: 11.140 min
Delta R.T.: -0.012 min
Response: 3129328
Conc: 22.30 ug/ml



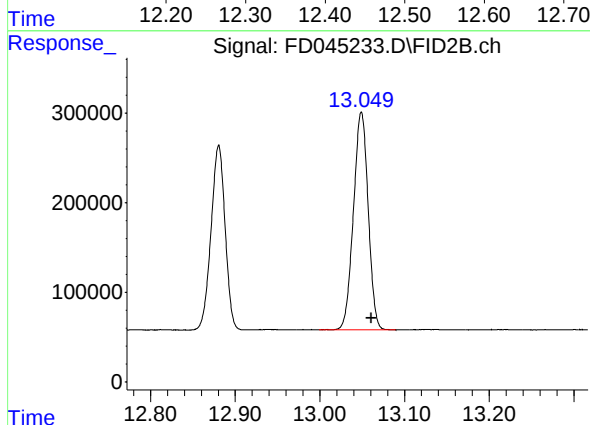
#9 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: -0.014 min
Response: 3344337
Conc: 21.71 ug/ml



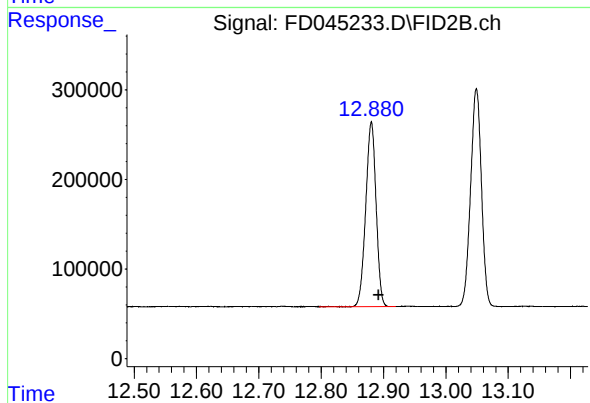
#10 n-Eicosane (C20)

R.T.: 12.441 min
Delta R.T.: -0.011 min
Response: 2959132
Conc: 21.84 ug/ml



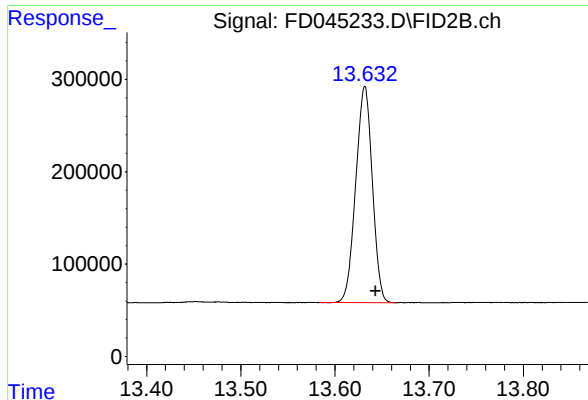
#11 n-Heneicosane (C21)

R.T.: 13.049 min
Delta R.T.: -0.012 min
Response: 2937450
Conc: 21.54 ug/ml



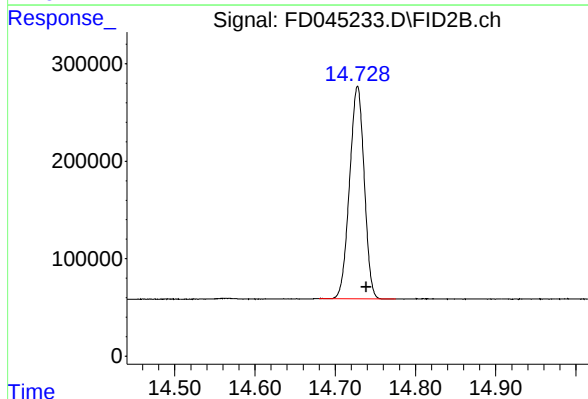
#12 1-chlorooctadecane (SURR)

R.T.: 12.881 min
Delta R.T.: -0.012 min
Response: 2379197
Conc: 20.57 ug/ml



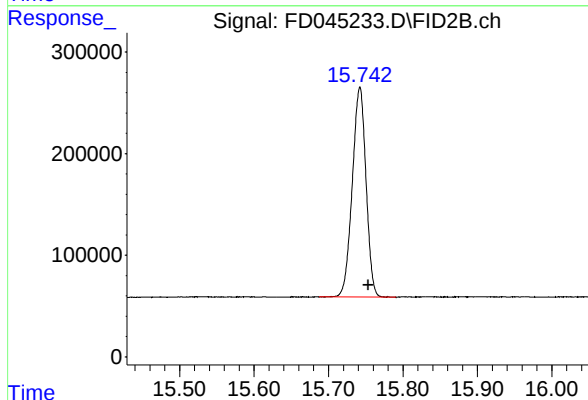
#13 n-Docosane (C22)

R.T.: 13.632 min
Delta R.T.: -0.011 min
Response: 2869036
Conc: 21.43 ug/ml



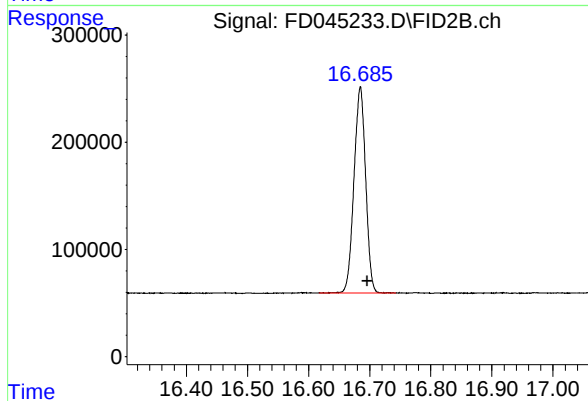
#14 n-Tetracosane (C24)

R.T.: 14.728 min
Delta R.T.: -0.011 min
Response: 2769094
Conc: 21.14 ug/ml



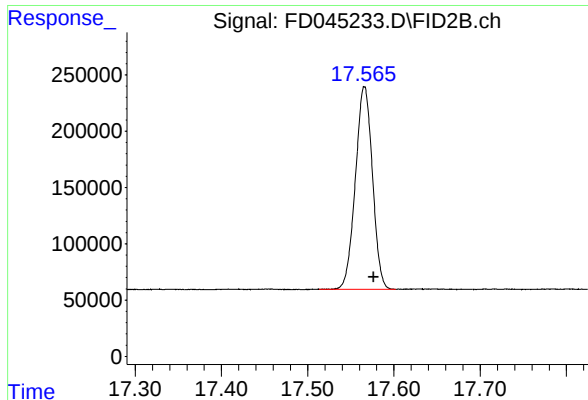
#15 n-Hexacosane (C26)

R.T.: 15.742 min
Delta R.T.: -0.011 min
Response: 2650320
Conc: 21.05 ug/ml



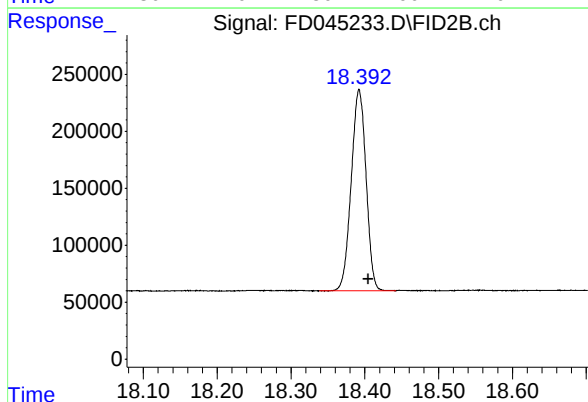
#16 n-Octacosane (C28)

R.T.: 16.685 min
Delta R.T.: -0.011 min
Response: 2547682
Conc: 20.79 ug/ml



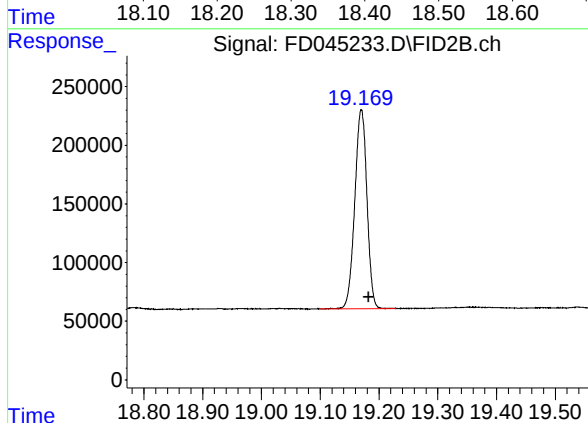
#17 n-Tricontane (C30)

R.T.: 17.566 min
Delta R.T.: -0.011 min
Response: 2471964
Conc: 20.88 ug/ml



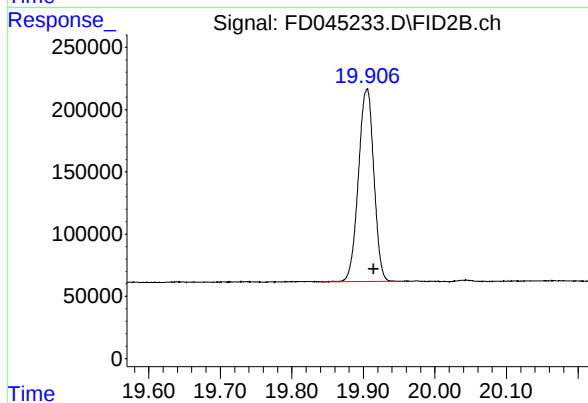
#18 n-Dotriacontane (C32)

R.T.: 18.392 min
Delta R.T.: -0.013 min
Response: 2463774
Conc: 21.05 ug/ml



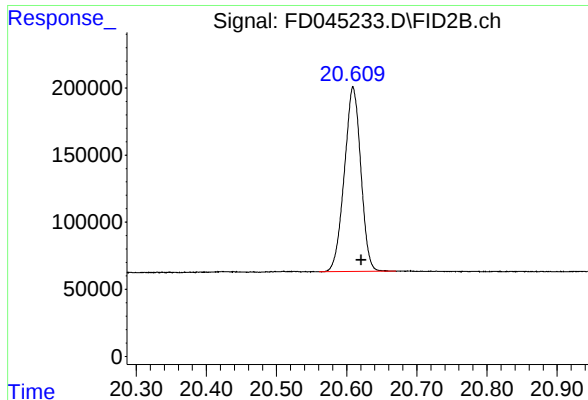
#19 n-Tetatriacontane (C34)

R.T.: 19.170 min
Delta R.T.: -0.012 min
Response: 2442766
Conc: 21.25 ug/ml



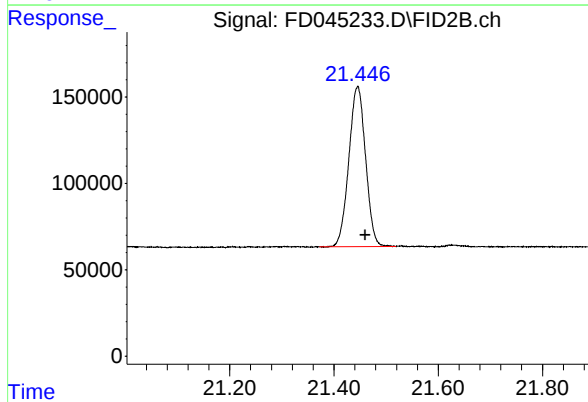
#20 n-Hexatriacontane (C36)

R.T.: 19.905 min
Delta R.T.: -0.010 min
Response: 2318114
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.609 min
Delta R.T.: -0.012 min
Response: 2243131
Conc: 20.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.446 min
Delta R.T.: -0.014 min
Response: 2063280
Conc: 19.25 ug/ml