

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022723AL\
 Data File : FF012233.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2023 16:21
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 04:03:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 04:02:12 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)	10.949	769006	4.151 ug/ml
Spiked Amount 50.000		Recovery =	8.30%
12) S 1-chlorooctadecane (S...	12.381	598610	4.155 ug/ml
Spiked Amount 50.000		Recovery =	8.31%
Target Compounds			
1) T n-Nonane (C9)	2.798	641850	4.099 ug/ml
2) T n-Decane (C10)	3.810	627219	4.071 ug/ml
3) T A~Naphthalene (C11.7)	5.380	714909	3.996 ug/ml
4) T n-Dodecane (C12)	5.799	634246	4.046 ug/ml
5) T A~2-methylnaphthalene...	6.429	673766	3.971 ug/ml
6) T n-Tetradecane (C14)	7.590	649198	4.088 ug/ml
7) T n-Hexadecane (C16)	9.188	685215	4.154 ug/ml
8) T n-Octadecane (C18)	10.628	716702	4.219 ug/ml
10) T n-Eicosane (C20)	11.935	720439	4.288 ug/ml
11) T n-Heneicosane (C21)	12.546	716360	4.222 ug/ml
13) T n-Docosane (C22)	13.132	752798	4.456 ug/ml
14) T n-Tetracosane (C24)	14.234	821221	4.850 ug/ml
15) T n-Hexacosane (C26)	15.255	846308	5.108 ug/ml
16) T n-Octacosane (C28)	16.203	881029	5.444 ug/ml
17) T n-Tricontane (C30)	17.089	879688	5.621 ug/ml
18) T n-Dotriacontane (C32)	17.921	833744	5.463 ug/ml
19) T n-Tetratriacontane (C34)	18.702	674985	4.673 ug/ml
20) T n-Hexatriacontane (C36)	19.442	621342	4.548 ug/ml
21) T n-Octatriacontane (C38)	20.179	547860	4.217 ug/mlm
22) T n-Tetracontane (C40)	21.091	557757	4.364 ug/ml

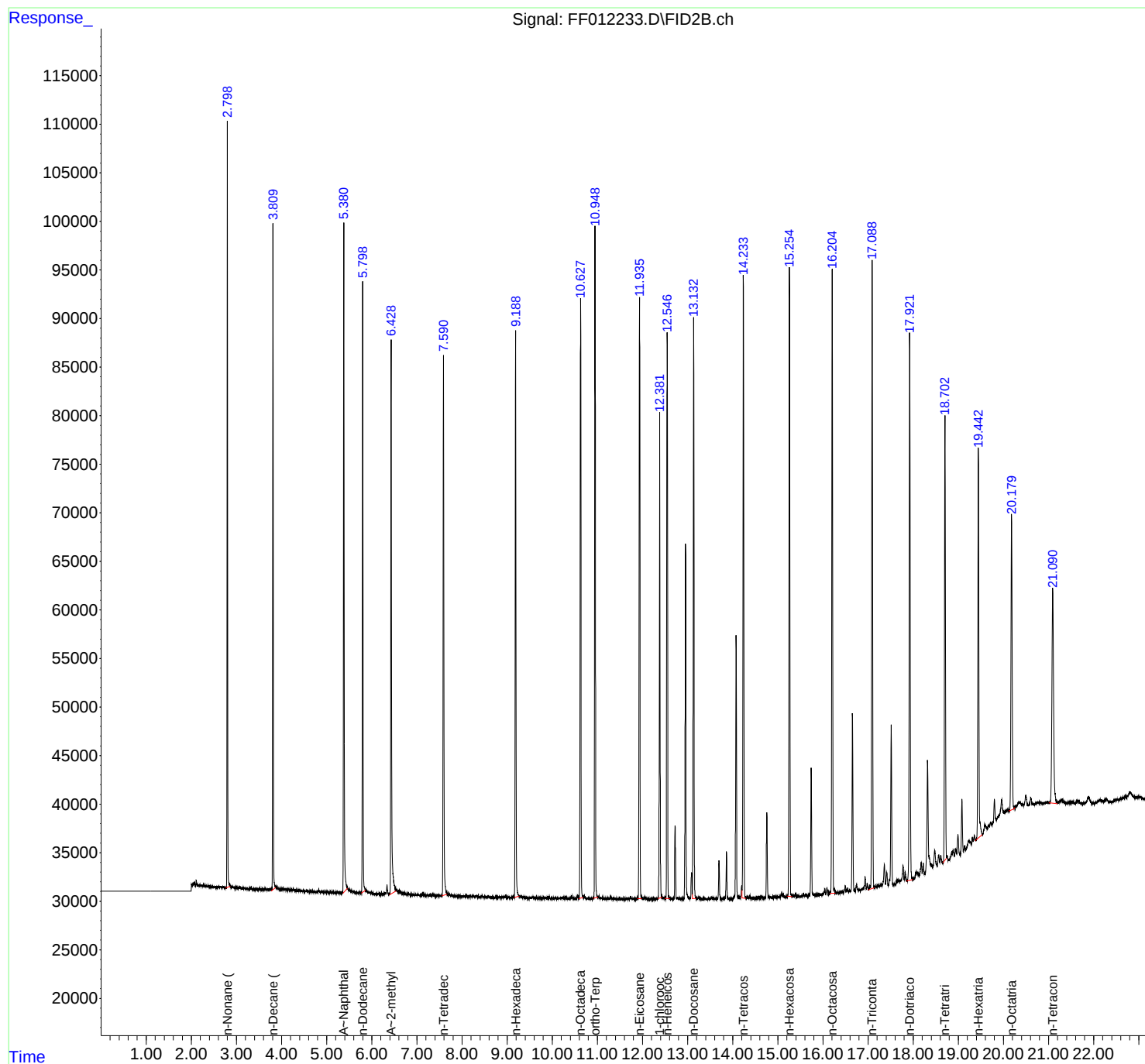
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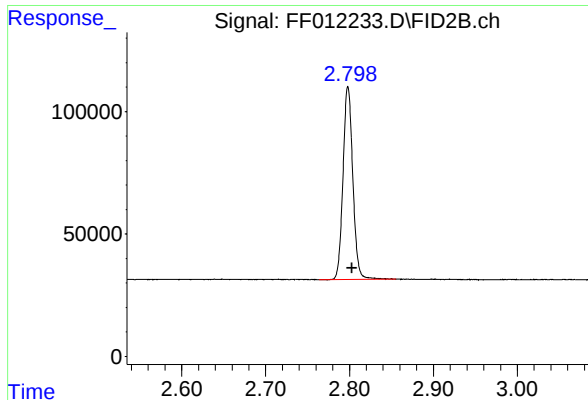
(m)=manual int.

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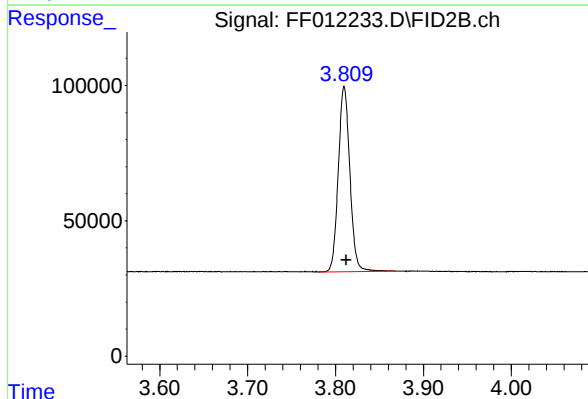
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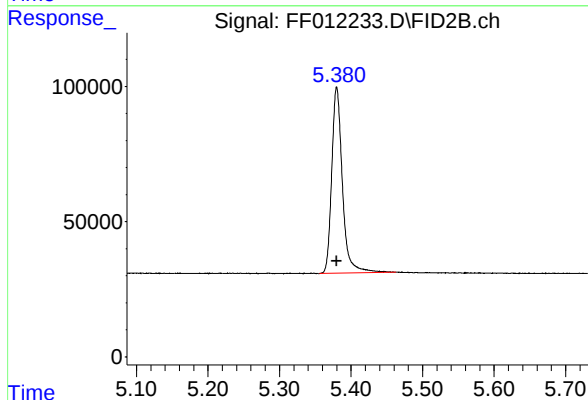
#1 n-Nonane (C9)

R.T.: 2.798 min
Delta R.T.: -0.005 min
Response: 641850
Conc: 4.10 ug/ml



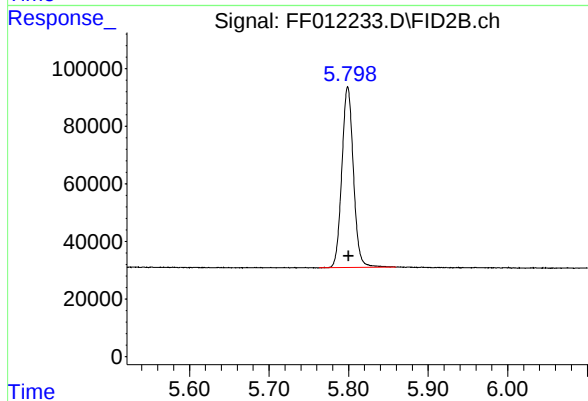
#2 n-Decane (C10)

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 627219
Conc: 4.07 ug/ml



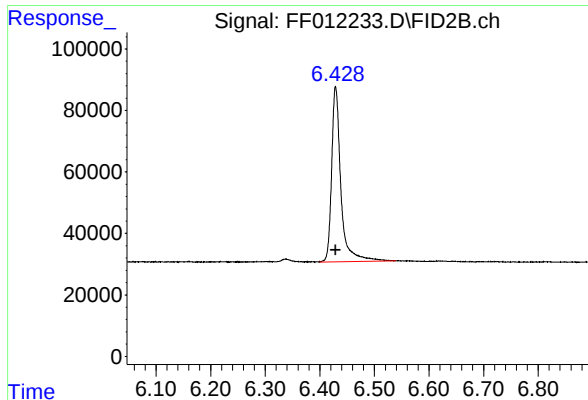
#3 A~Naphthalene (C11.7)

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 714909
Conc: 4.00 ug/ml



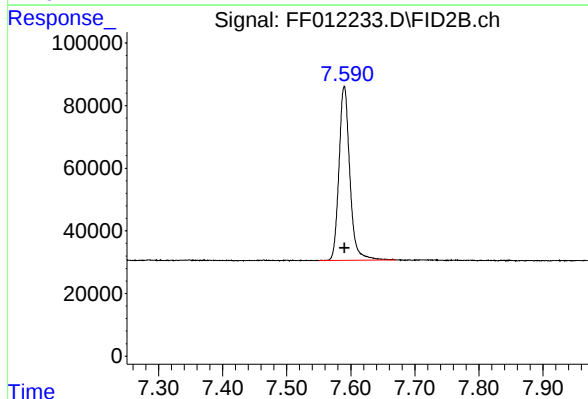
#4 n-Dodecane (C12)

R.T.: 5.799 min
Delta R.T.: -0.001 min
Response: 634246
Conc: 4.05 ug/ml



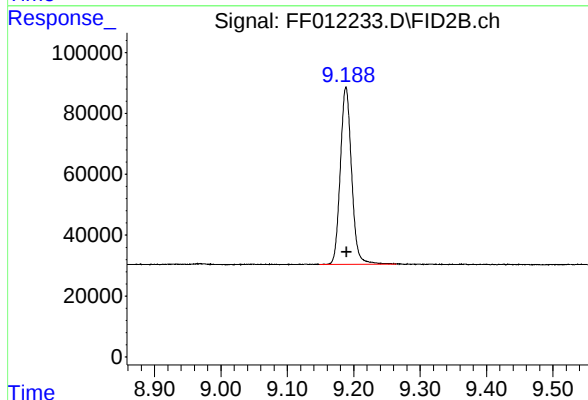
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.429 min
Delta R.T.: 0.000 min
Response: 673766
Conc: 3.97 ug/ml



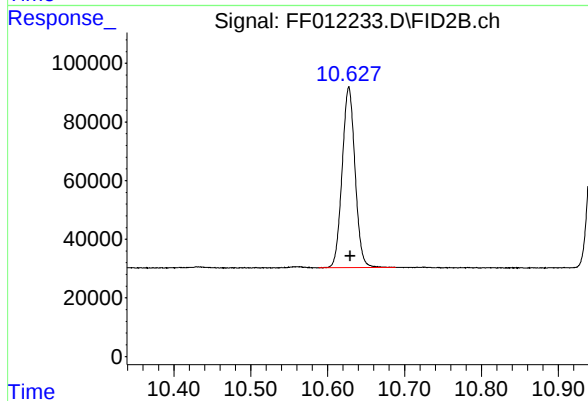
#6 n-Tetradecane (C14)

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 649198
Conc: 4.09 ug/ml



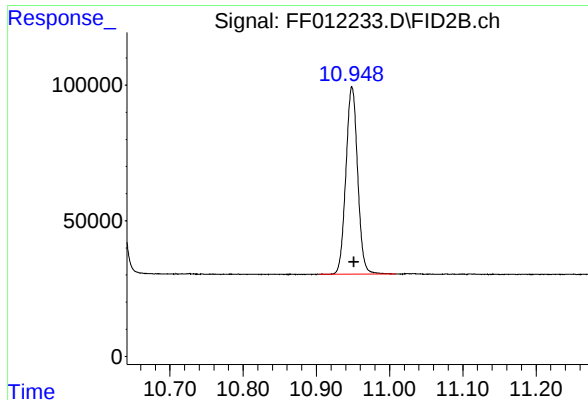
#7 n-Hexadecane (C16)

R.T.: 9.188 min
Delta R.T.: 0.000 min
Response: 685215
Conc: 4.15 ug/ml



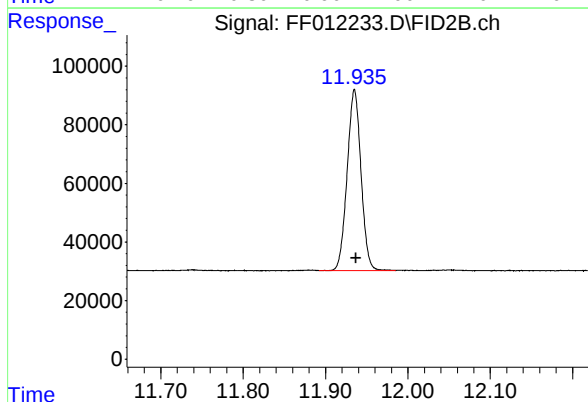
#8 n-Octadecane (C18)

R.T.: 10.628 min
Delta R.T.: -0.002 min
Response: 716702
Conc: 4.22 ug/ml



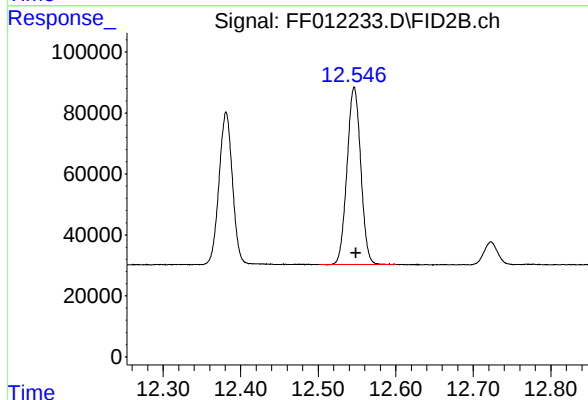
#9 ortho-Terphenyl (SURR)

R.T.: 10.949 min
Delta R.T.: -0.003 min
Response: 769006
Conc: 4.15 ug/ml



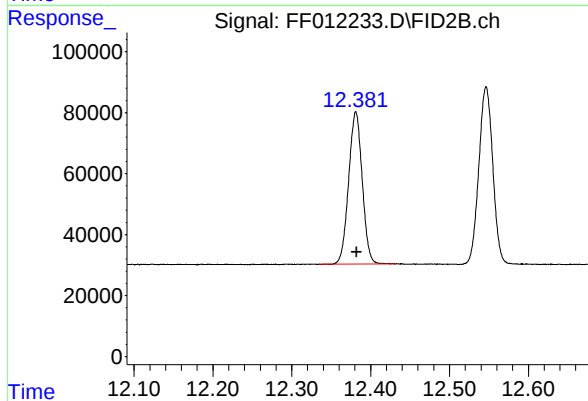
#10 n-Eicosane (C20)

R.T.: 11.935 min
Delta R.T.: -0.002 min
Response: 720439
Conc: 4.29 ug/ml



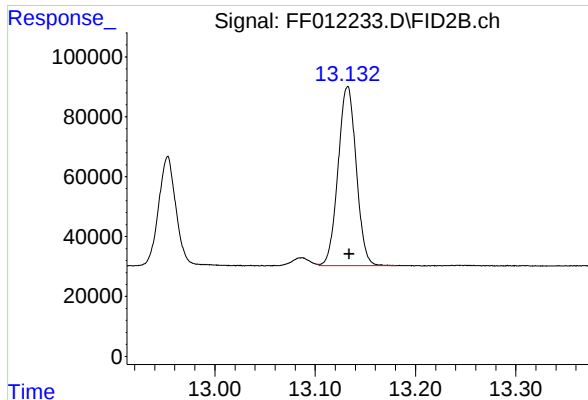
#11 n-Heneicosane (C21)

R.T.: 12.546 min
Delta R.T.: -0.002 min
Response: 716360
Conc: 4.22 ug/ml



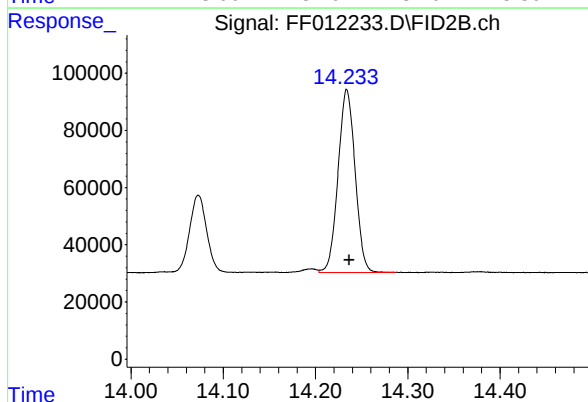
#12 1-chlorooctadecane (SURR)

R.T.: 12.381 min
Delta R.T.: 0.000 min
Response: 598610
Conc: 4.16 ug/ml



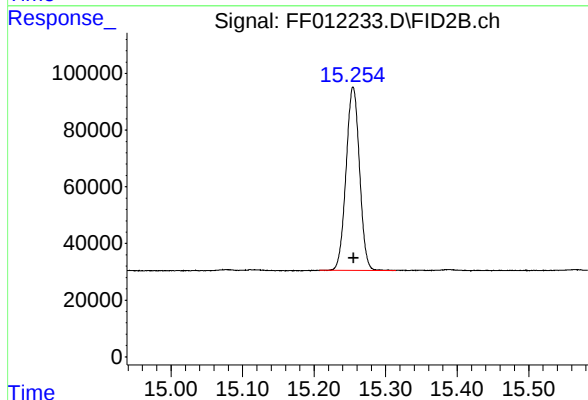
#13 n-Docosane (C22)

R.T.: 13.132 min
Delta R.T.: -0.002 min
Response: 752798
Conc: 4.46 ug/ml



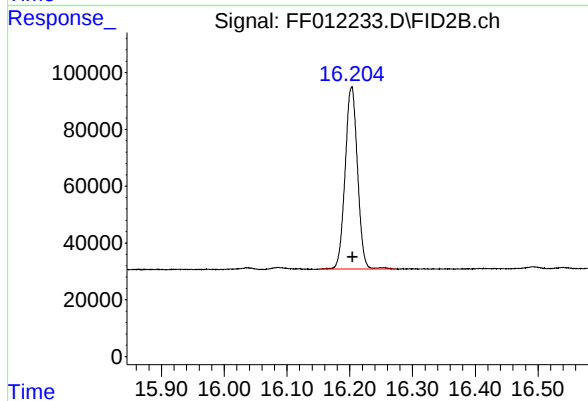
#14 n-Tetracosane (C24)

R.T.: 14.234 min
Delta R.T.: -0.003 min
Response: 821221
Conc: 4.85 ug/ml



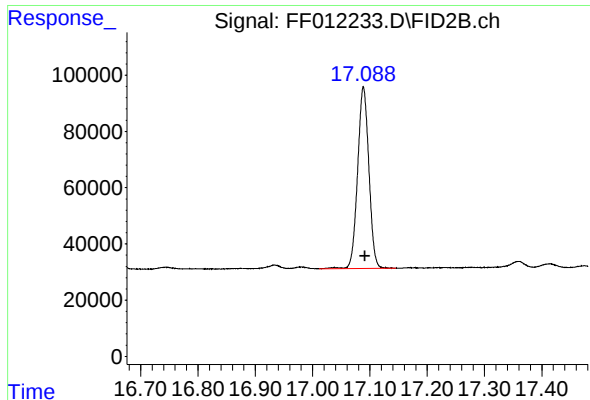
#15 n-Hexacosane (C26)

R.T.: 15.255 min
Delta R.T.: 0.000 min
Response: 846308
Conc: 5.11 ug/ml



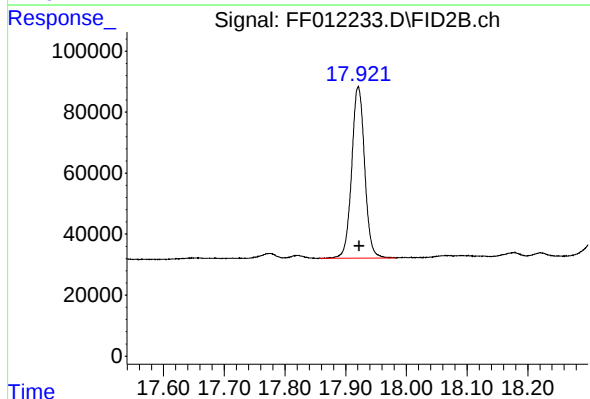
#16 n-Octacosane (C28)

R.T.: 16.203 min
Delta R.T.: -0.001 min
Response: 881029
Conc: 5.44 ug/ml



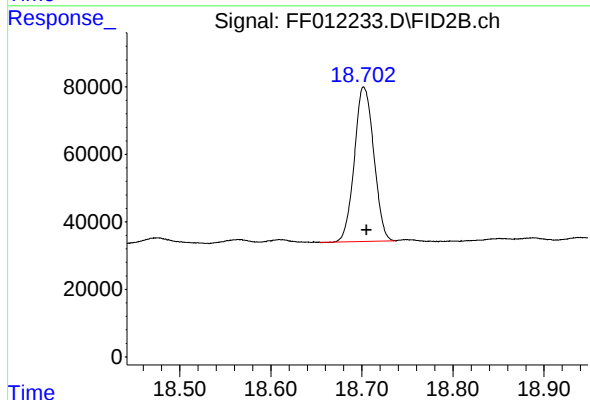
#17 n-Tricontane (C30)

R.T.: 17.089 min
Delta R.T.: -0.003 min
Response: 879688
Conc: 5.62 ug/ml



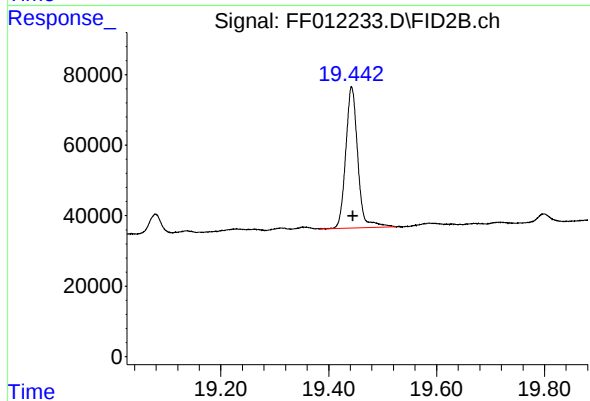
#18 n-Dotriacontane (C32)

R.T.: 17.921 min
Delta R.T.: -0.002 min
Response: 833744
Conc: 5.46 ug/ml



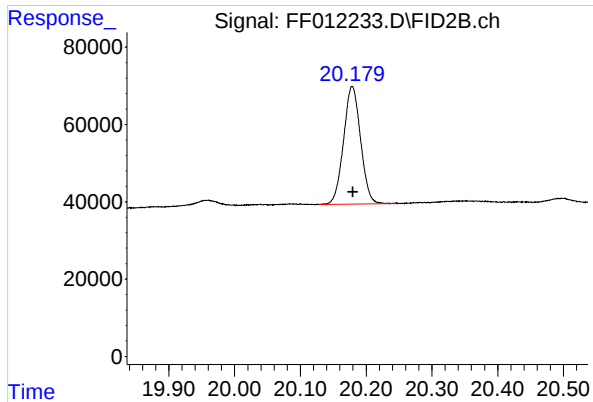
#19 n-Tetratriacontane (C34)

R.T.: 18.702 min
Delta R.T.: -0.003 min
Response: 674985
Conc: 4.67 ug/ml



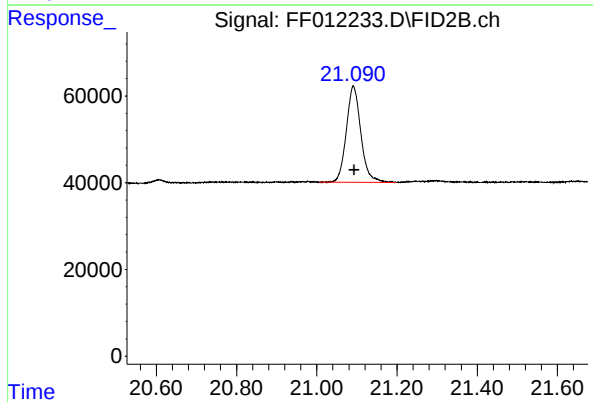
#20 n-Hexatriacontane (C36)

R.T.: 19.442 min
Delta R.T.: -0.003 min
Response: 621342
Conc: 4.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.179 min
Delta R.T.: 0.000 min
Response: 547860
Conc: 4.22 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.091 min
Delta R.T.: -0.002 min
Response: 557757
Conc: 4.36 ug/ml