

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022723AL\
 Data File : FF012239.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2023 20:45
 Operator : YP\AJ
 Sample : 01627-01
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 05:06:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 04:05:36 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)	10.948	708184	4.523 ug/ml
Spiked Amount 50.000		Recovery =	9.05%
12) S 1-chlorooctadecane (S...	12.385	6254548	51.157 ug/ml
Spiked Amount 50.000		Recovery =	102.31%
Target Compounds			
1) T n-Nonane (C9)	2.798	206696	1.565 ug/ml
2) T n-Decane (C10)	3.810	252640	1.944 ug/ml
4) T n-Dodecane (C12)	5.799	330706	2.501 ug/ml
6) T n-Tetradecane (C14)	7.590	328329	2.444 ug/ml
7) T n-Hexadecane (C16)	9.188	344680	2.462 ug/ml
8) T n-Octadecane (C18)	10.627	382127	2.645 ug/ml
10) T n-Eicosane (C20)	11.935	392311	2.735 ug/ml
11) T n-Heneicosane (C21)	12.545	361693	2.507 ug/ml
13) T n-Docosane (C22)	13.132	397548	2.723 ug/ml
14) T n-Tetracosane (C24)	14.234	425478	2.831 ug/ml
15) T n-Hexacosane (C26)	15.253	405229	2.717 ug/ml
16) T n-Octacosane (C28)	16.203	416732	2.809 ug/ml
17) T n-Tricontane (C30)	17.089	414786	2.880 ug/ml
18) T n-Dotriacontane (C32)	17.921	415806	3.007 ug/ml
19) T n-Tetratriacontane (C34)	18.703	359660	2.881 ug/ml
20) T n-Hexatriacontane (C36)	19.441	321242	2.748 ug/ml
21) T n-Octatriacontane (C38)	20.177	291722	2.660 ug/ml
22) T n-Tetracontane (C40)	21.091	285476	2.611 ug/ml

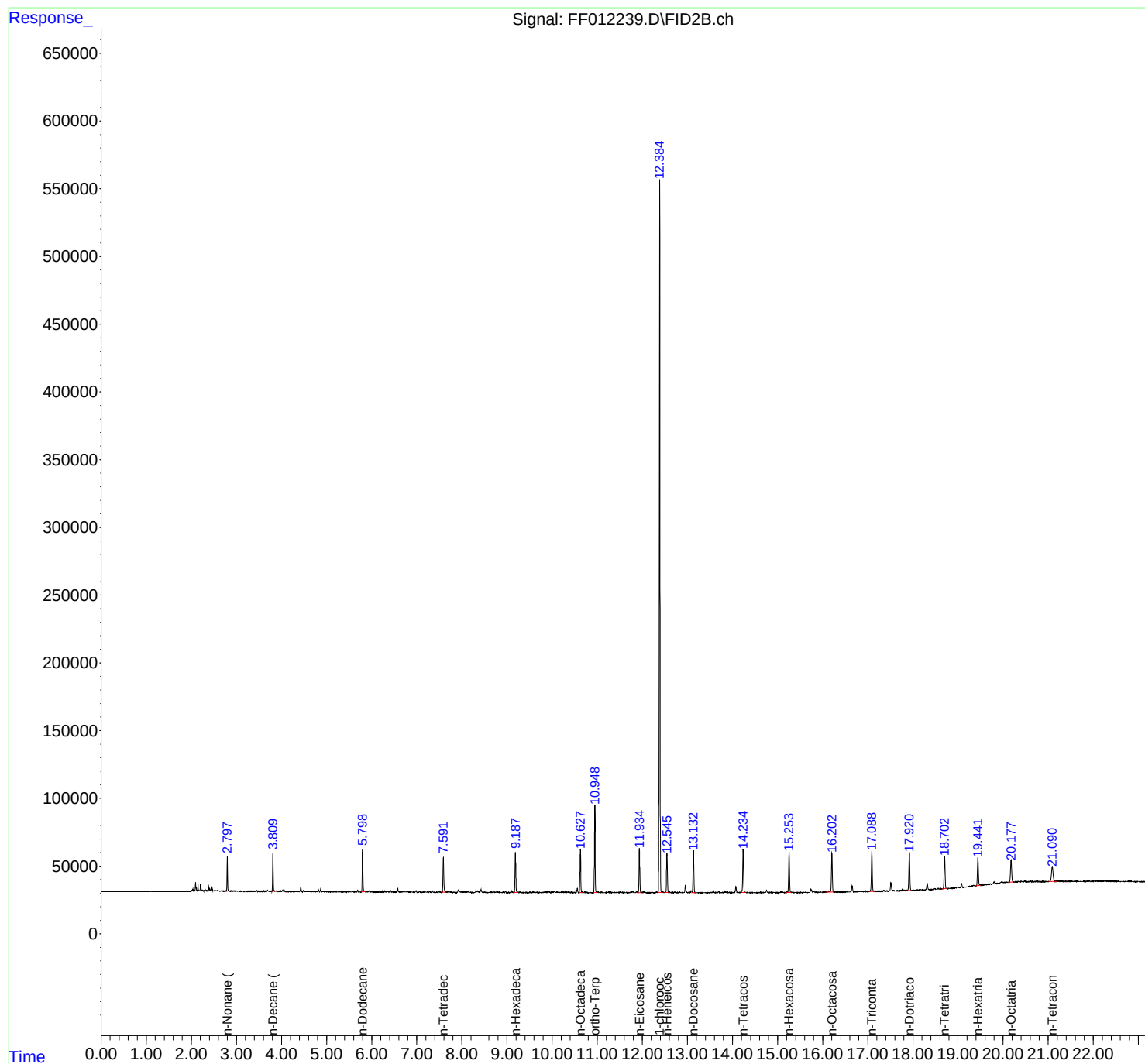
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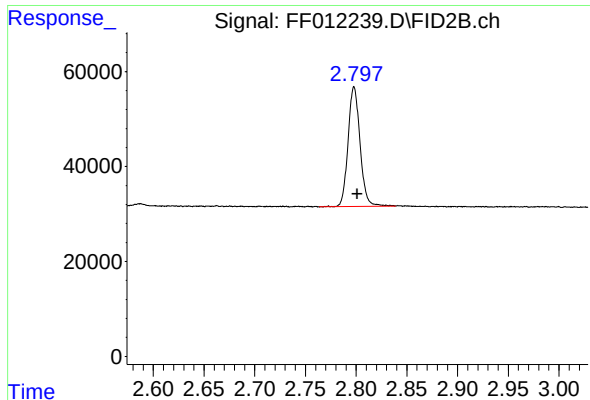
(m)=manual int.

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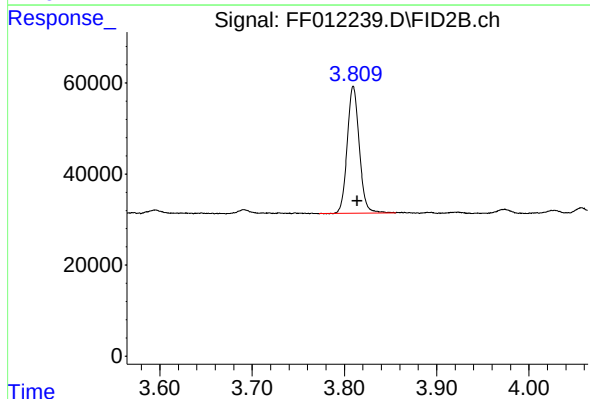
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Signal Info : 20M x 0.18mm x 0.18um





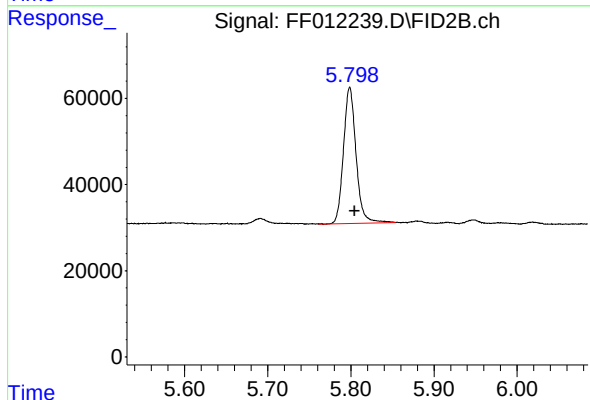
#1 n-Nonane (C9)

R.T.: 2.798 min
Delta R.T.: -0.003 min
Response: 206696
Conc: 1.56 ug/ml



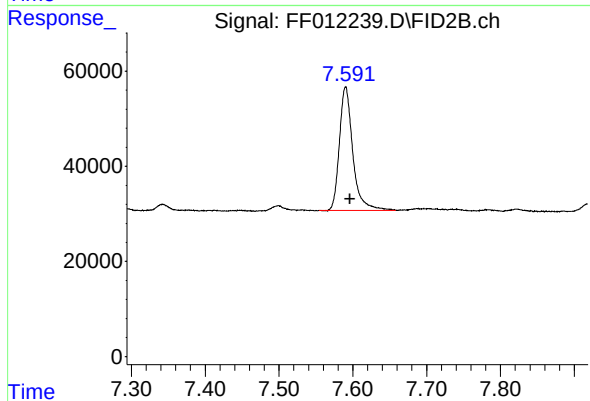
#2 n-Decane (C10)

R.T.: 3.810 min
Delta R.T.: -0.005 min
Response: 252640
Conc: 1.94 ug/ml



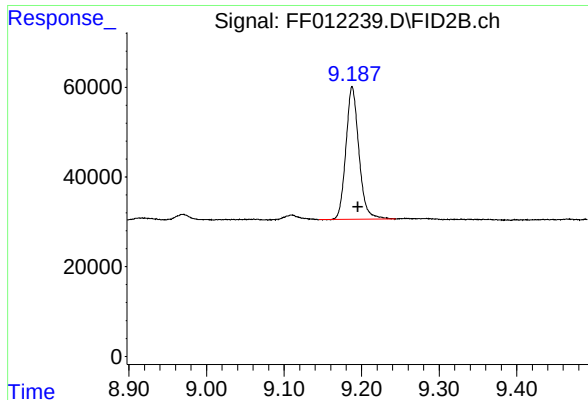
#4 n-Dodecane (C12)

R.T.: 5.799 min
Delta R.T.: -0.006 min
Response: 330706
Conc: 2.50 ug/ml



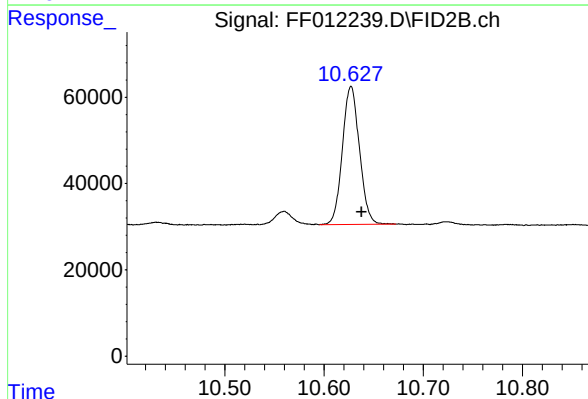
#6 n-Tetradecane (C14)

R.T.: 7.590 min
Delta R.T.: -0.006 min
Response: 328329
Conc: 2.44 ug/ml



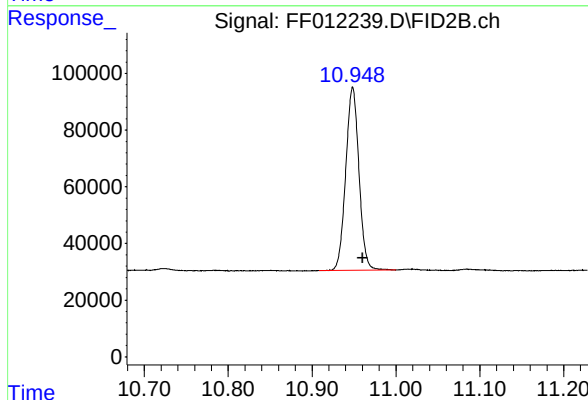
#7 n-Hexadecane (C16)

R.T.: 9.188 min
Delta R.T.: -0.008 min
Response: 344680
Conc: 2.46 ug/ml



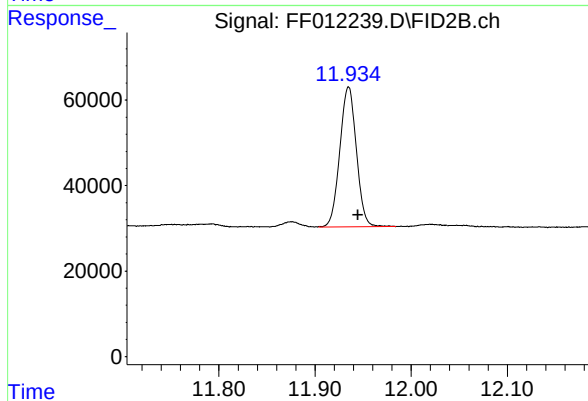
#8 n-Octadecane (C18)

R.T.: 10.627 min
Delta R.T.: -0.011 min
Response: 382127
Conc: 2.65 ug/ml



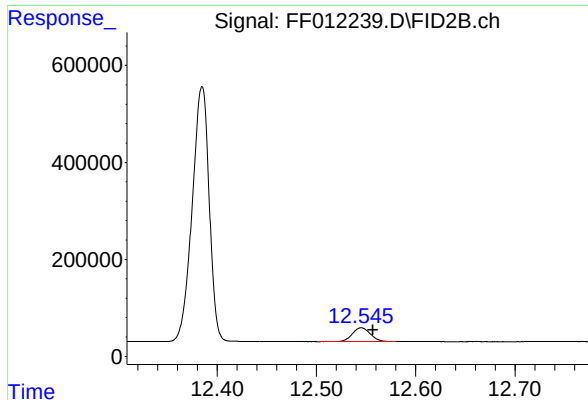
#9 ortho-Terphenyl (SURR)

R.T.: 10.948 min
Delta R.T.: -0.012 min
Response: 708184
Conc: 4.52 ug/ml



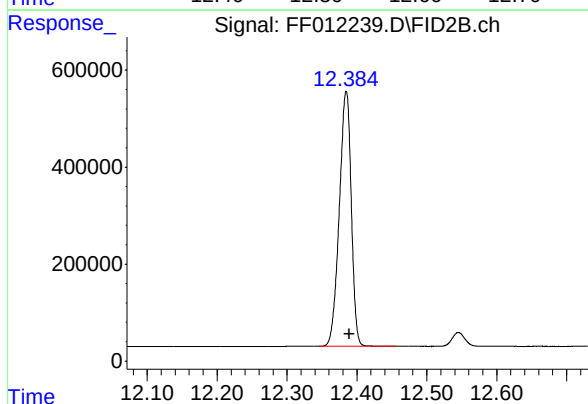
#10 n-Eicosane (C20)

R.T.: 11.935 min
Delta R.T.: -0.010 min
Response: 392311
Conc: 2.73 ug/ml



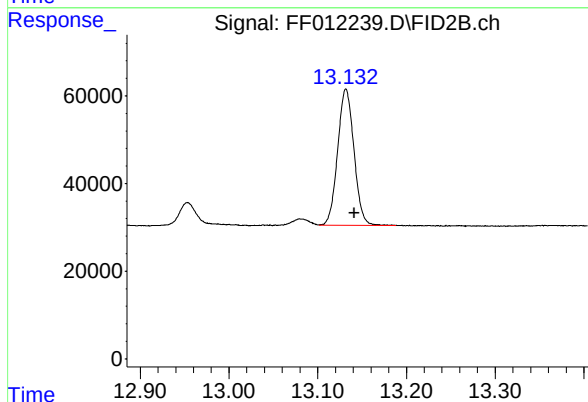
#11 n-Heneicosane (C21)

R.T.: 12.545 min
Delta R.T.: -0.012 min
Response: 361693
Conc: 2.51 ug/ml



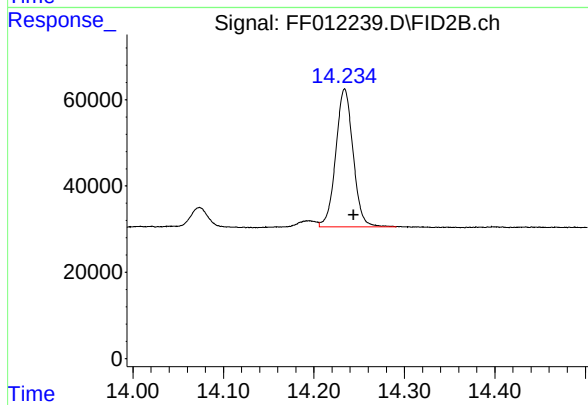
#12 1-chlorooctadecane (SURR)

R.T.: 12.385 min
Delta R.T.: -0.004 min
Response: 6254548
Conc: 51.16 ug/ml



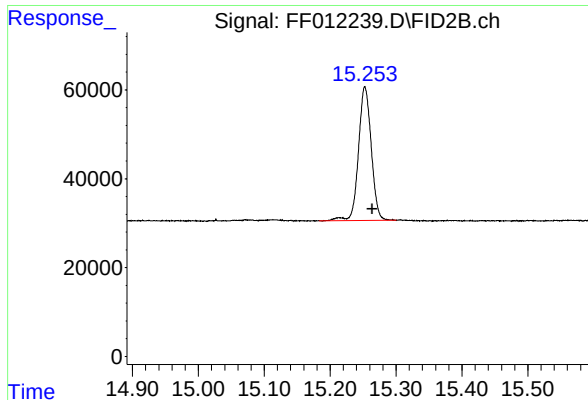
#13 n-Docosane (C22)

R.T.: 13.132 min
Delta R.T.: -0.009 min
Response: 397548
Conc: 2.72 ug/ml



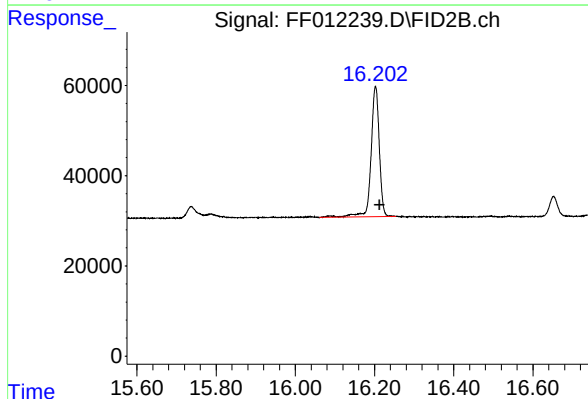
#14 n-Tetracosane (C24)

R.T.: 14.234 min
Delta R.T.: -0.010 min
Response: 425478
Conc: 2.83 ug/ml



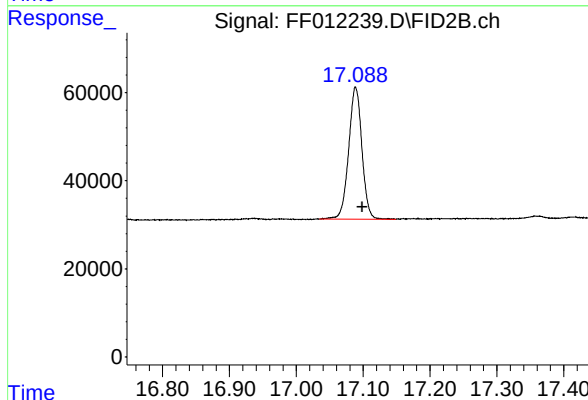
#15 n-Hexacosane (C26)

R.T.: 15.253 min
Delta R.T.: -0.011 min
Response: 405229
Conc: 2.72 ug/ml



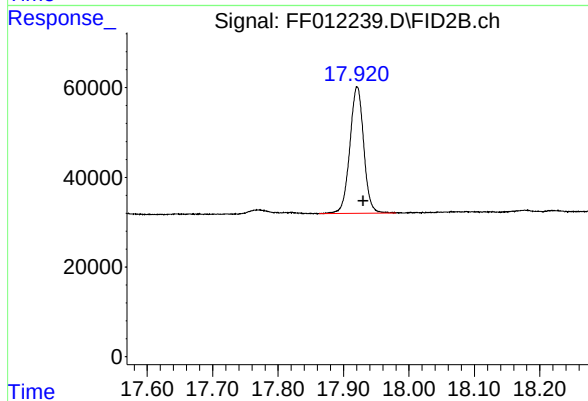
#16 n-Octacosane (C28)

R.T.: 16.203 min
Delta R.T.: -0.010 min
Response: 416732
Conc: 2.81 ug/ml



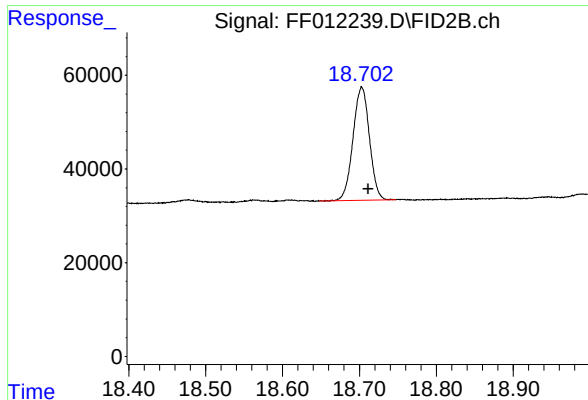
#17 n-Tricontane (C30)

R.T.: 17.089 min
Delta R.T.: -0.010 min
Response: 414786
Conc: 2.88 ug/ml



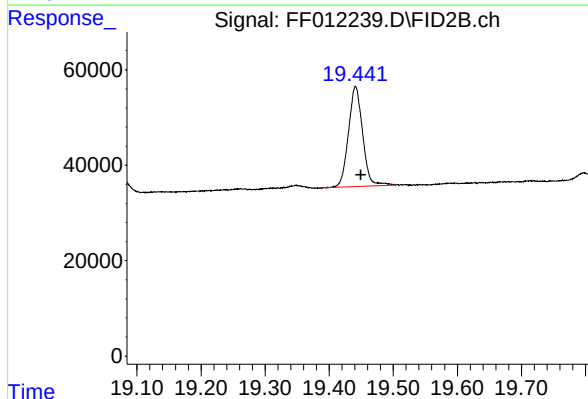
#18 n-Dotriacontane (C32)

R.T.: 17.921 min
Delta R.T.: -0.009 min
Response: 415806
Conc: 3.01 ug/ml



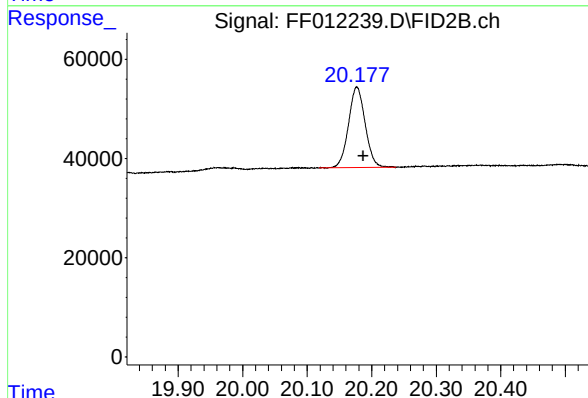
#19 n-Tetratriacontane (C34)

R.T.: 18.703 min
Delta R.T.: -0.009 min
Response: 359660
Conc: 2.88 ug/ml



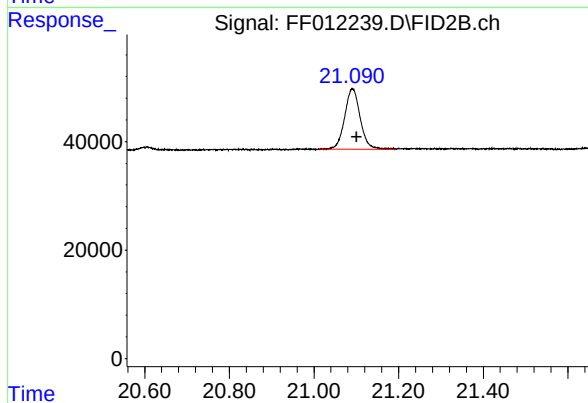
#20 n-Hexatriacontane (C36)

R.T.: 19.441 min
Delta R.T.: -0.009 min
Response: 321242
Conc: 2.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.177 min
Delta R.T.: -0.010 min
Response: 291722
Conc: 2.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.091 min
Delta R.T.: -0.009 min
Response: 285476
Conc: 2.61 ug/ml