

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021424AL\
 Data File : FF014030.D
 Signal(s) : FID2B.ch
 Acq On : 14 Feb 2024 10:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 00:29:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:35:47 2024
 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)	11.856	3017830	20.745 ug/ml
Spiked Amount 50.000		Recovery =	41.49%
12) S 1-chlorooctadecane (S...	13.297	2247286	20.825 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T n-Nonane (C9)	3.256	2578236	20.822 ug/ml
2) T n-Decane (C10)	4.505	2644847	20.928 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2830673	21.009 ug/ml
4) T n-Dodecane (C12)	6.668	2693011	21.048 ug/ml
5) T A~2-methylnaphthalene...	7.294	2708646	21.116 ug/ml
6) T n-Tetradecane (C14)	8.493	2667681	21.059 ug/ml
7) T n-Hexadecane (C16)	10.099	2765046	20.908 ug/ml
8) T n-Octadecane (C18)	11.543	2830542	20.790 ug/ml
10) T n-Eicosane (C20)	12.853	2757406	20.831 ug/ml
11) T n-Heneicosane (C21)	13.466	2707783	20.724 ug/ml
13) T n-Docosane (C22)	14.053	2687625	20.725 ug/ml
14) T n-Tetracosane (C24)	15.157	2666931	20.769 ug/ml
15) T n-Hexacosane (C26)	16.179	2589714	20.828 ug/ml
16) T n-Octacosane (C28)	17.130	2498492	20.984 ug/ml
17) T n-Tricontane (C30)	18.017	2496419	21.240 ug/ml
18) T n-Dotriacontane (C32)	18.851	2430712	21.470 ug/ml
19) T n-Tetratriacontane (C34)	19.634	2269918	21.170 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2124703	21.111 ug/ml
21) T n-Octatriacontane (C38)	21.102	2101656	20.199 ug/ml
22) T n-Tetracontane (C40)	21.990	2073808	20.607 ug/ml

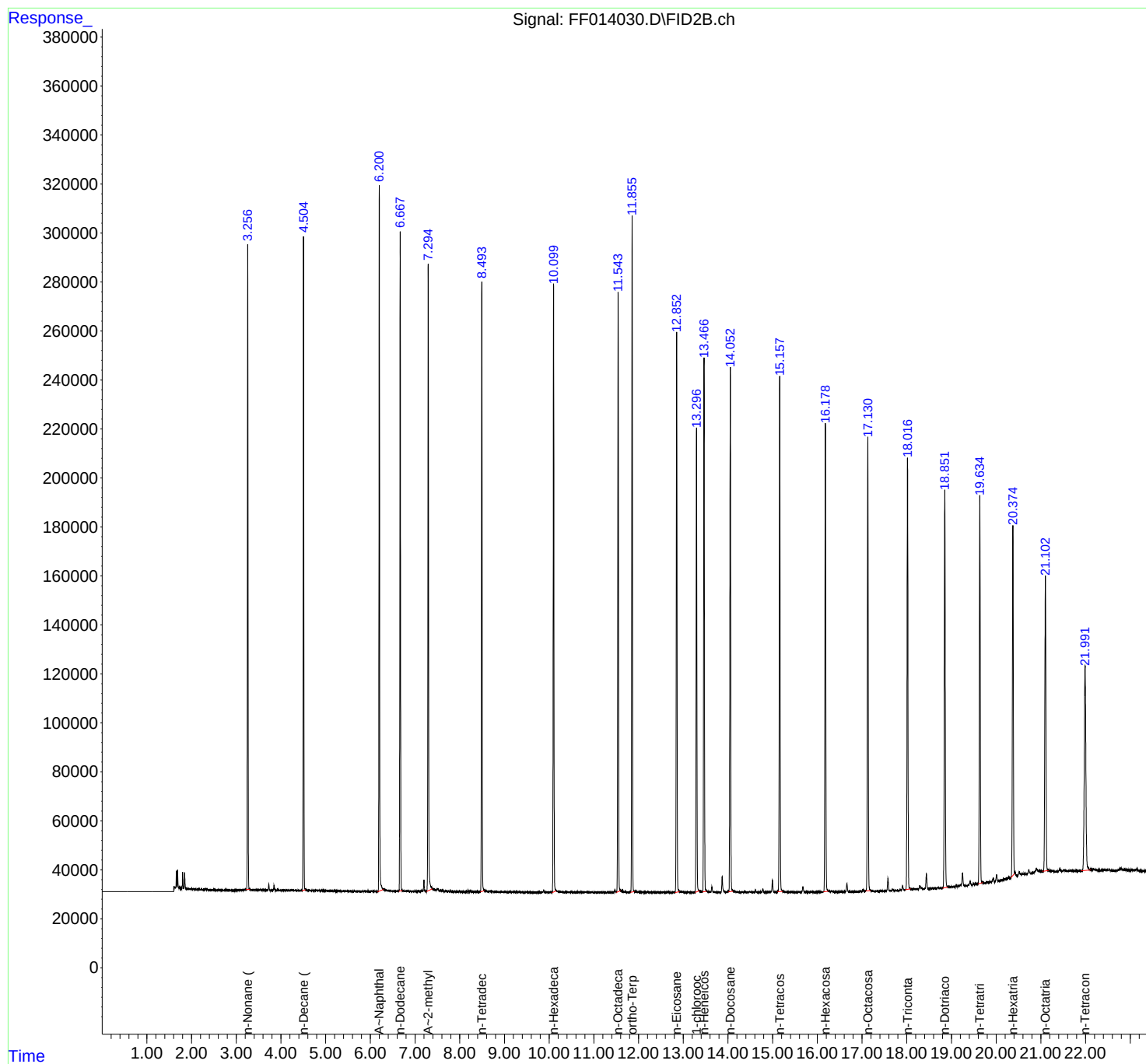
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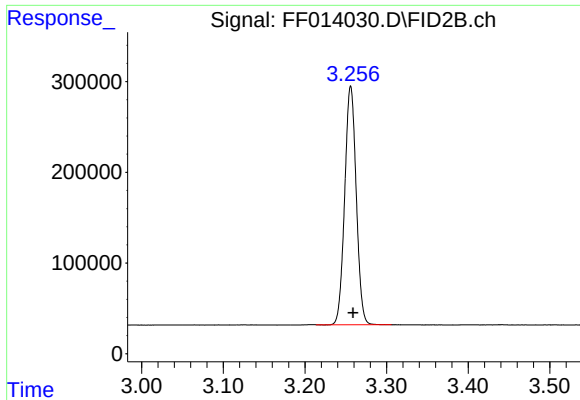
(m)=manual int.

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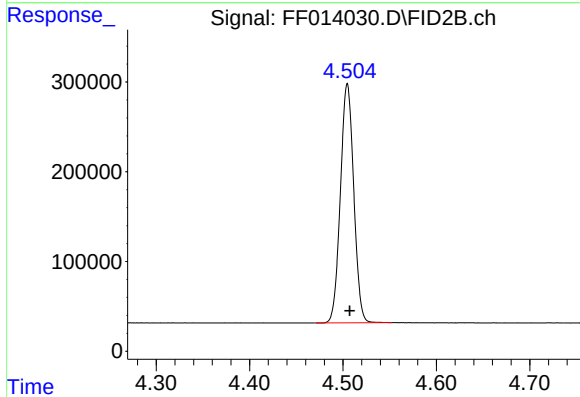
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Signal Info : 20M x 0.18mm x 0.18um





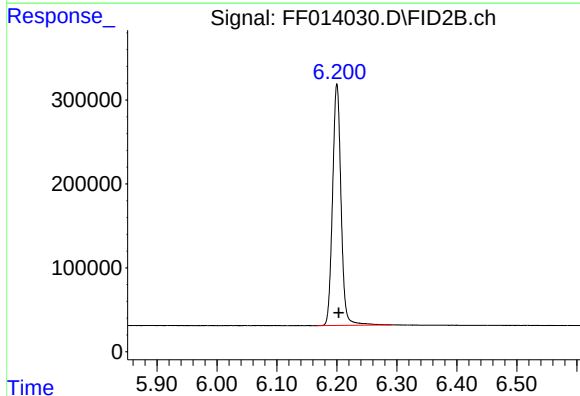
#1 n-Nonane (C9)

R.T.: 3.256 min
Delta R.T.: -0.003 min
Response: 2578236
Conc: 20.82 ug/ml



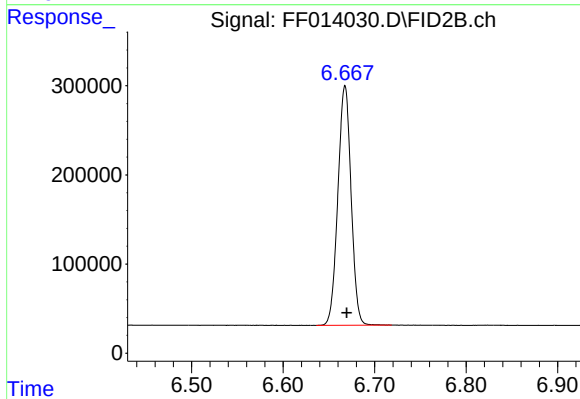
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: -0.002 min
Response: 2644847
Conc: 20.93 ug/ml



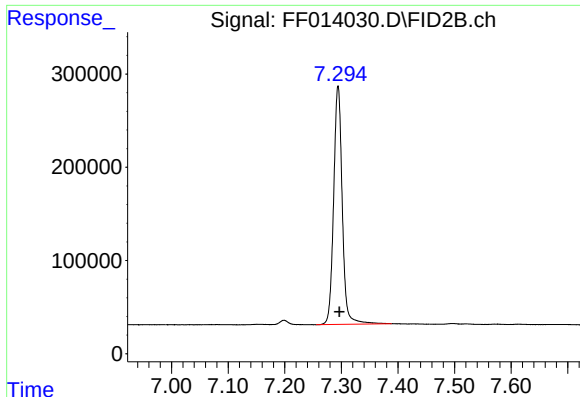
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 2830673
Conc: 21.01 ug/ml



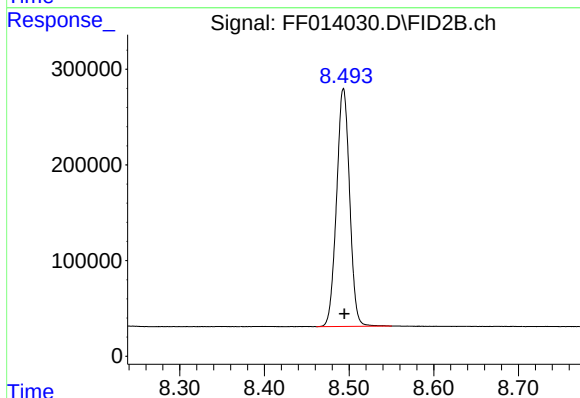
#4 n-Dodecane (C12)

R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 2693011
Conc: 21.05 ug/ml



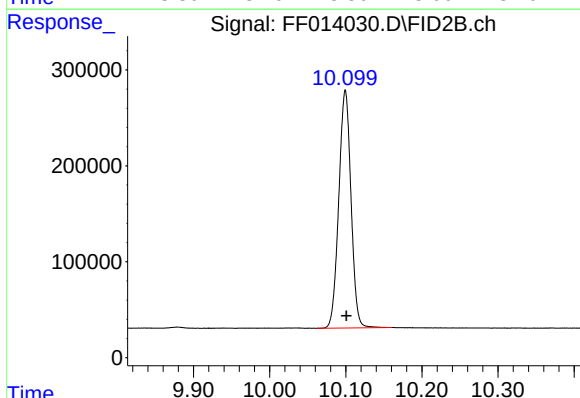
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 2708646
Conc: 21.12 ug/ml



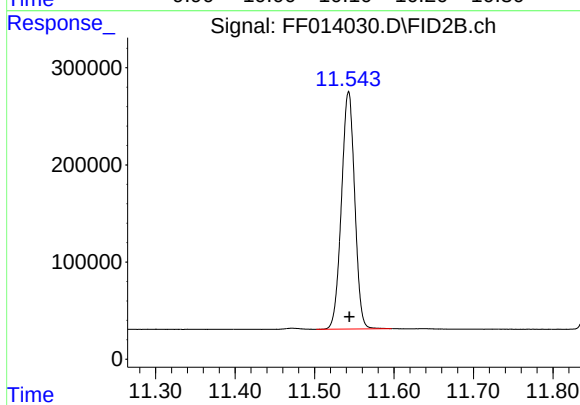
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 2667681
Conc: 21.06 ug/ml



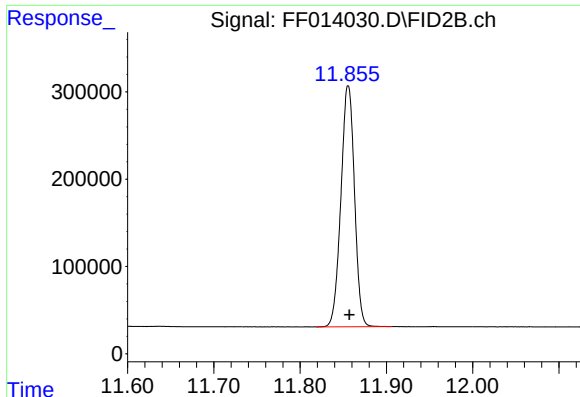
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.001 min
Response: 2765046
Conc: 20.91 ug/ml



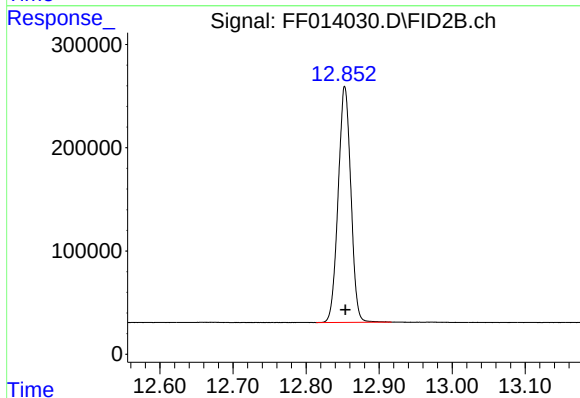
#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.000 min
Response: 2830542
Conc: 20.79 ug/ml



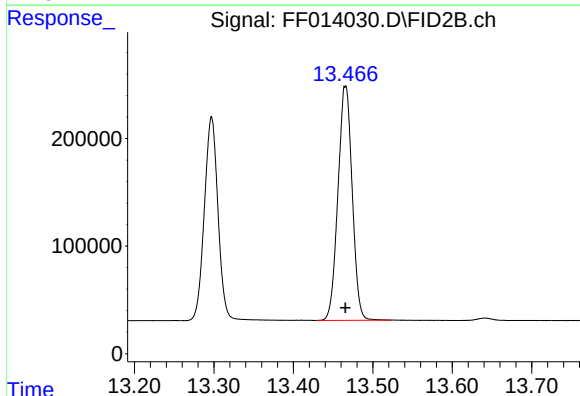
#9 ortho-Terphenyl (SURR)

R.T.: 11.856 min
Delta R.T.: -0.001 min
Response: 3017830
Conc: 20.75 ug/ml



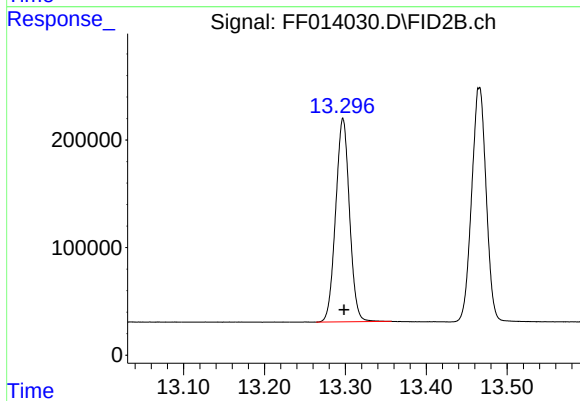
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: 0.000 min
Response: 2757406
Conc: 20.83 ug/ml



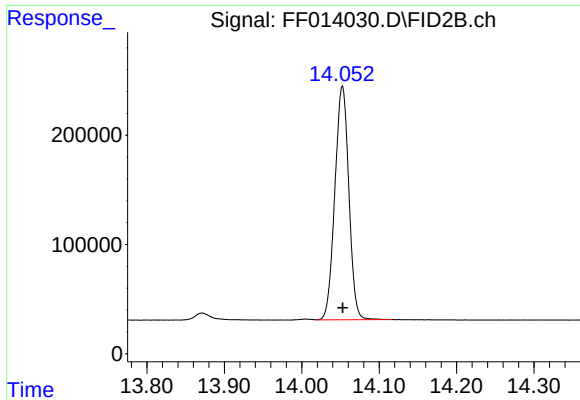
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: 0.000 min
Response: 2707783
Conc: 20.72 ug/ml



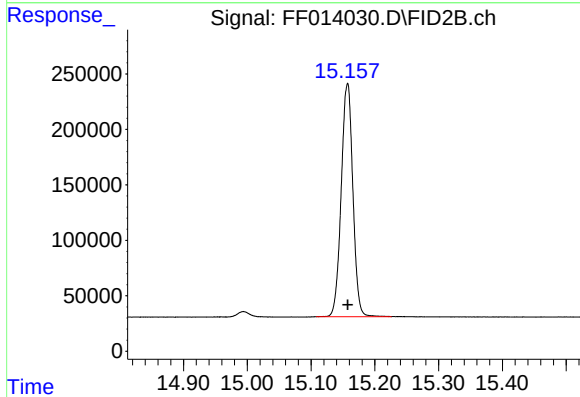
#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: -0.001 min
Response: 2247286
Conc: 20.82 ug/ml



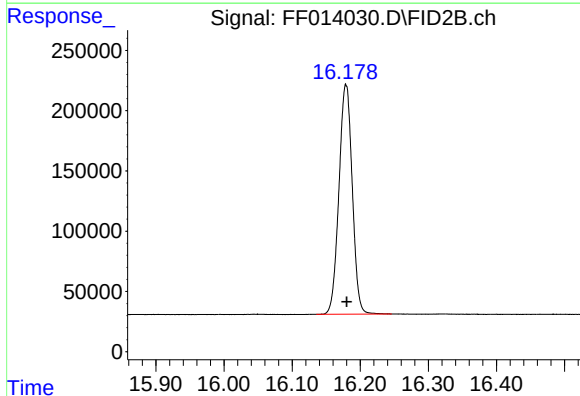
#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: 0.000 min
Response: 2687625
Conc: 20.72 ug/ml



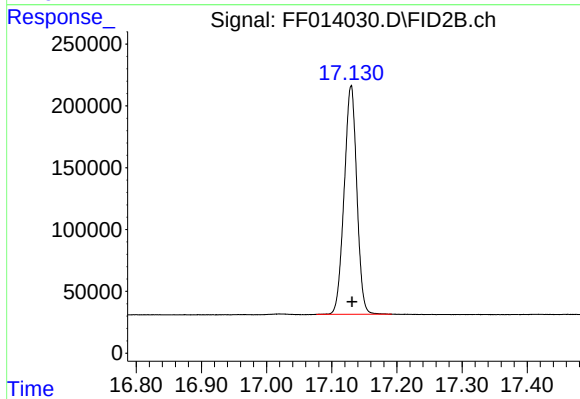
#14 n-Tetracosane (C24)

R.T.: 15.157 min
Delta R.T.: 0.000 min
Response: 2666931
Conc: 20.77 ug/ml



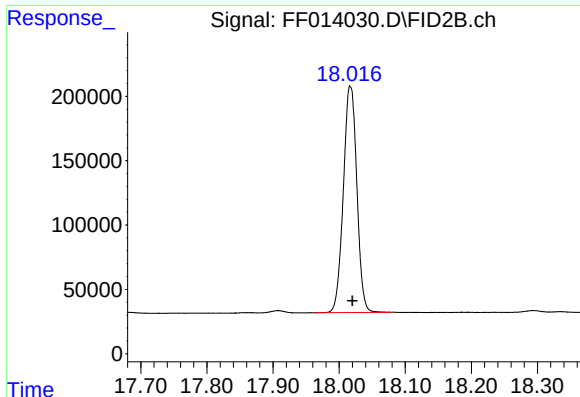
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: -0.001 min
Response: 2589714
Conc: 20.83 ug/ml



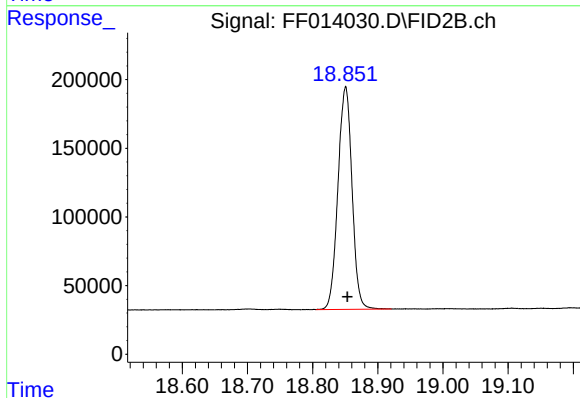
#16 n-Octacosane (C28)

R.T.: 17.130 min
Delta R.T.: -0.002 min
Response: 2498492
Conc: 20.98 ug/ml



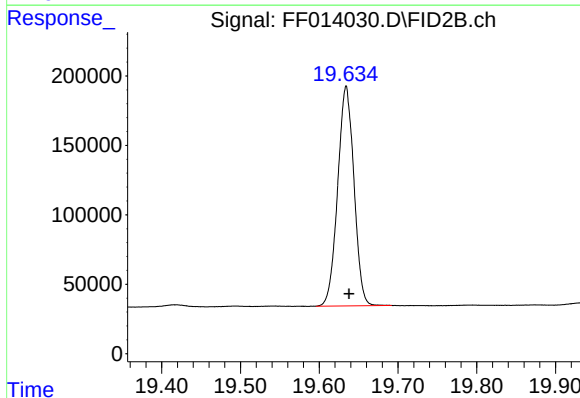
#17 n-Tricontane (C30)

R.T.: 18.017 min
Delta R.T.: -0.003 min
Response: 2496419
Conc: 21.24 ug/ml



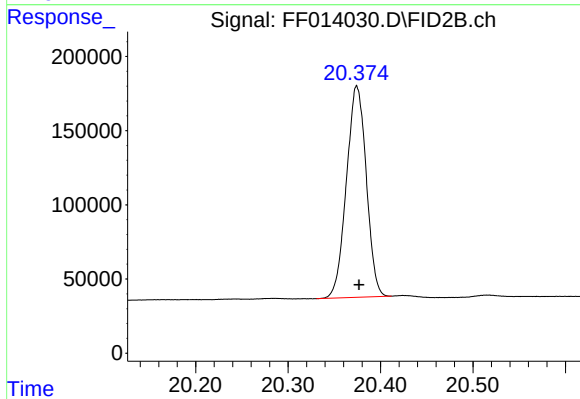
#18 n-Dotriacontane (C32)

R.T.: 18.851 min
Delta R.T.: -0.003 min
Response: 2430712
Conc: 21.47 ug/ml



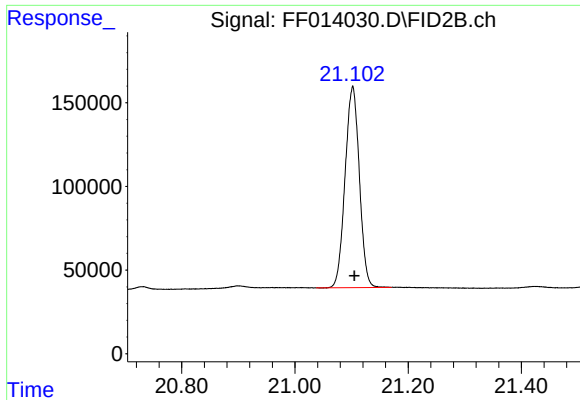
#19 n-Tetratriacontane (C34)

R.T.: 19.634 min
Delta R.T.: -0.004 min
Response: 2269918
Conc: 21.17 ug/ml



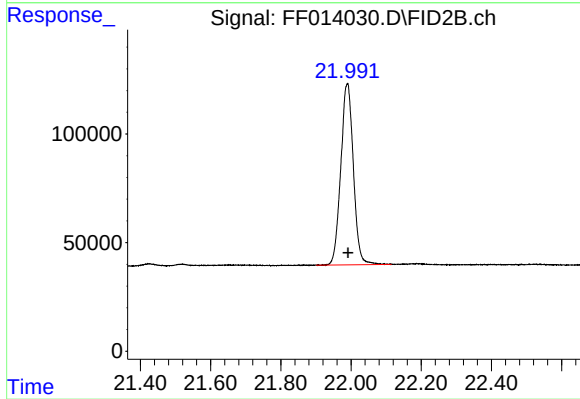
#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.003 min
Response: 2124703
Conc: 21.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.003 min
Response: 2101656
Conc: 20.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.002 min
Response: 2073808
Conc: 20.61 ug/ml