

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030124AL\
 Data File : FE047044.D
 Signal(s) : FID1B.ch
 Acq On : 01 Mar 2024 18:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 02 01:36:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.782	3180852	19.360 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
12) S 1-chlorooctadecane (S...	13.223	2419025	19.651 ug/ml
Spiked Amount 50.000		Recovery =	39.30%
Target Compounds			
1) T n-Nonane (C9)	3.177	3037336	19.918 ug/ml
2) T n-Decane (C10)	4.427	3123546	20.167 ug/ml
3) T A~Naphthalene (C11.7)	6.133	3094522	19.648 ug/ml
4) T n-Dodecane (C12)	6.595	3128260	20.119 ug/ml
5) T A~2-methylnaphthalene...	7.230	2763006	19.268 ug/ml
6) T n-Tetradecane (C14)	8.420	3081651	19.985 ug/ml
7) T n-Hexadecane (C16)	10.027	3152060	19.866 ug/ml
8) T n-Octadecane (C18)	11.470	3158386	19.812 ug/ml
10) T n-Eicosane (C20)	12.778	2958098	19.542 ug/ml
11) T n-Heneicosane (C21)	13.390	2877910	19.435 ug/ml
13) T n-Docosane (C22)	13.976	2850021	19.589 ug/ml
14) T n-Tetracosane (C24)	15.078	2802562	19.623 ug/ml
15) T n-Hexacosane (C26)	16.099	2758929	19.743 ug/ml
16) T n-Octacosane (C28)	17.049	2663323	19.549 ug/ml
17) T n-Tricontane (C30)	17.936	2906615	20.833 ug/ml
18) T n-Dotriacontane (C32)	18.770	2918331	21.208 ug/ml
19) T n-Tetratriacontane (C34)	19.554	2841233	21.150 ug/ml
20) T n-Hexatriacontane (C36)	20.293	2861627	21.490 ug/ml
21) T n-Octatriacontane (C38)	21.013	2886887	20.952 ug/ml
22) T n-Tetracontane (C40)	21.884	2927461	20.749 ug/ml

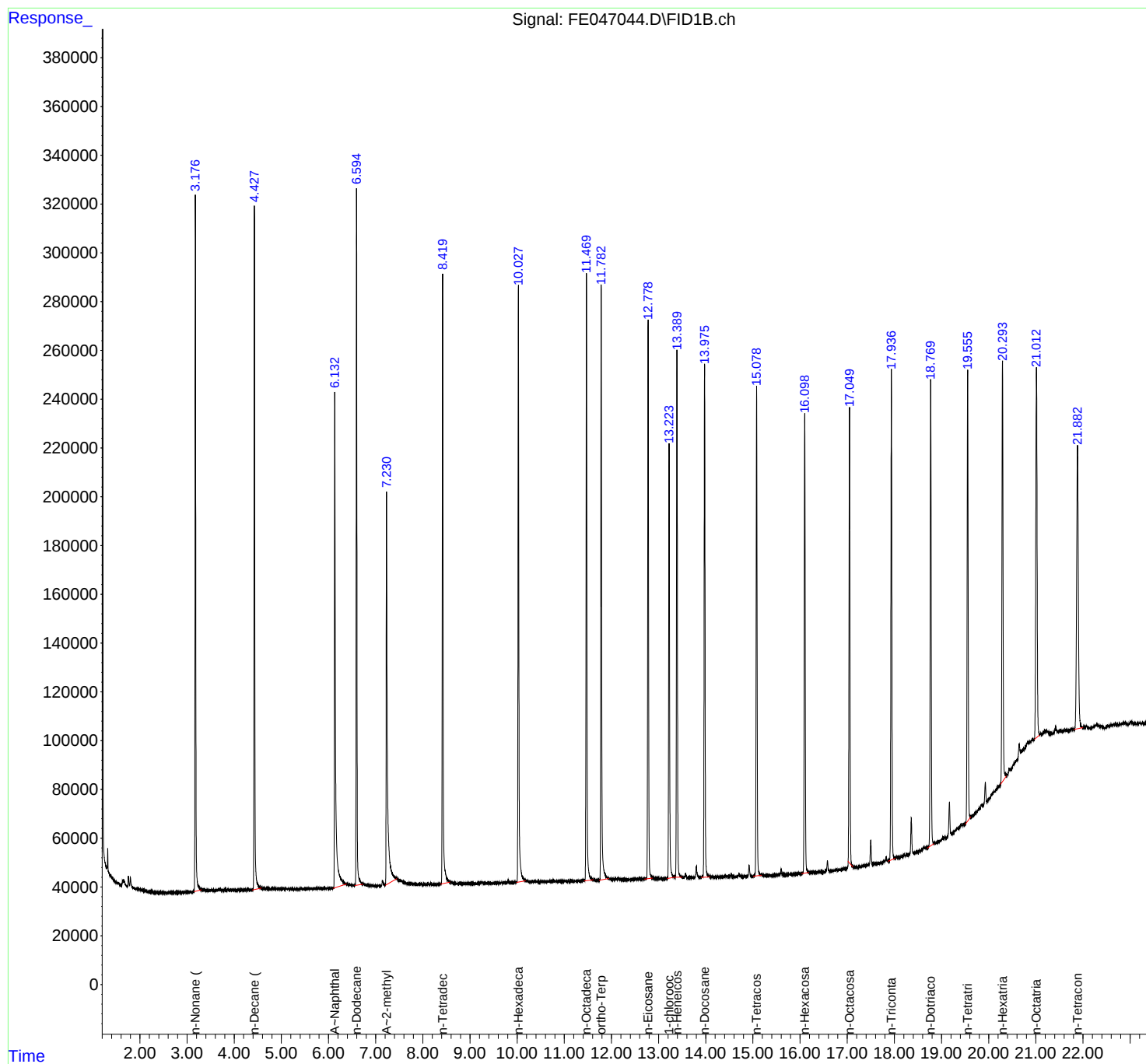
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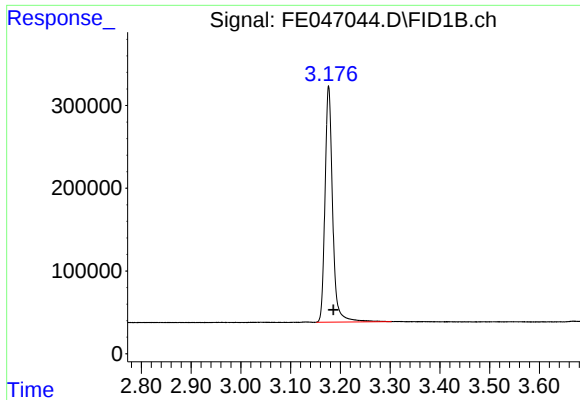
(m)=manual int.

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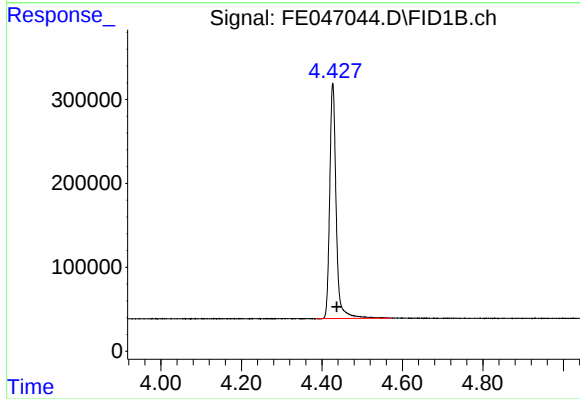
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





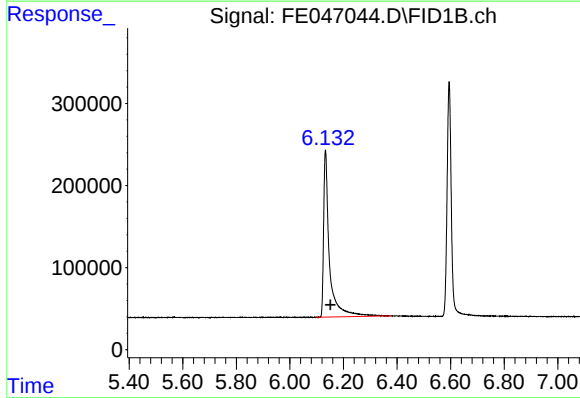
#1 n-Nonane (C9)

R.T.: 3.177 min
Delta R.T.: -0.009 min
Response: 3037336
Conc: 19.92 ug/ml



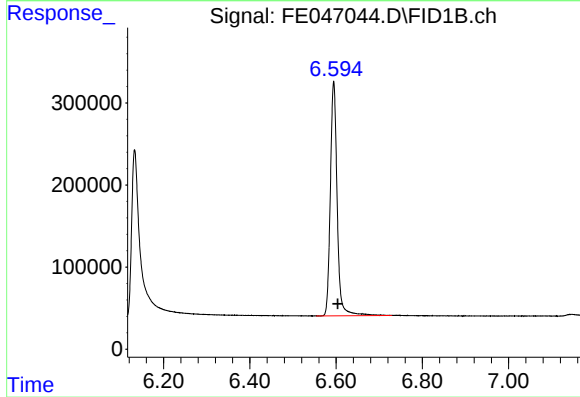
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: -0.009 min
Response: 3123546
Conc: 20.17 ug/ml



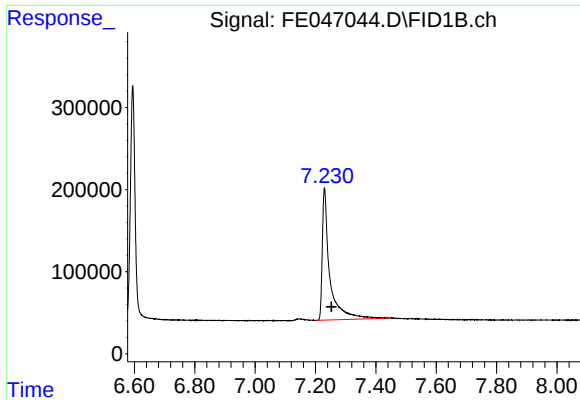
#3 A~Naphthalene (C11.7)

R.T.: 6.133 min
Delta R.T.: -0.018 min
Response: 3094522
Conc: 19.65 ug/ml



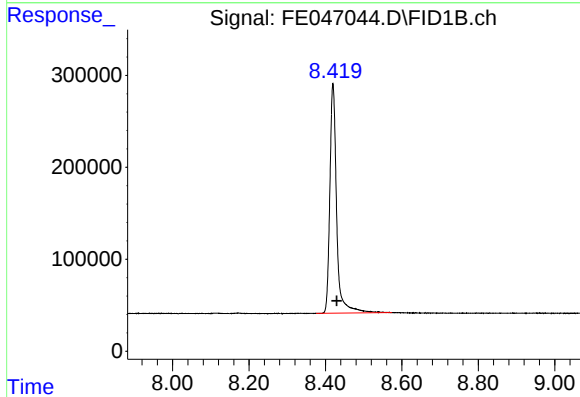
#4 n-Dodecane (C12)

R.T.: 6.595 min
Delta R.T.: -0.009 min
Response: 3128260
Conc: 20.12 ug/ml



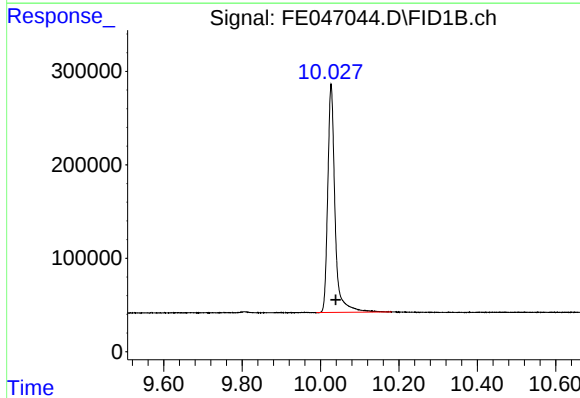
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.230 min
Delta R.T.: -0.023 min
Response: 2763006
Conc: 19.27 ug/ml



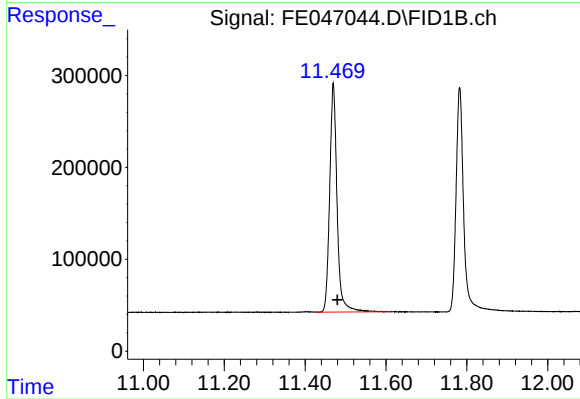
#6 n-Tetradecane (C14)

R.T.: 8.420 min
Delta R.T.: -0.010 min
Response: 3081651
Conc: 19.98 ug/ml



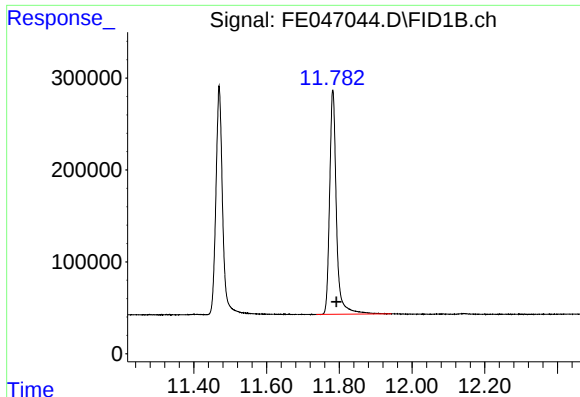
#7 n-Hexadecane (C16)

R.T.: 10.027 min
Delta R.T.: -0.012 min
Response: 3152060
Conc: 19.87 ug/ml



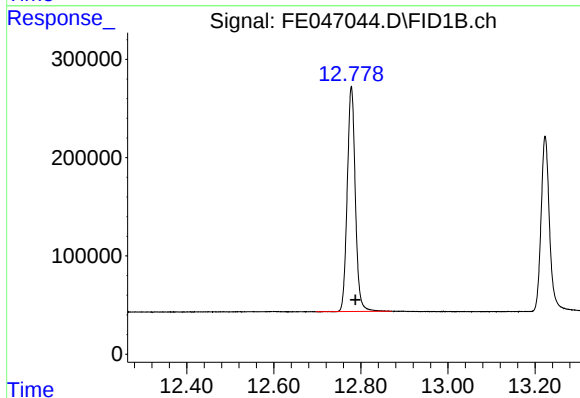
#8 n-Octadecane (C18)

R.T.: 11.470 min
Delta R.T.: -0.010 min
Response: 3158386
Conc: 19.81 ug/ml



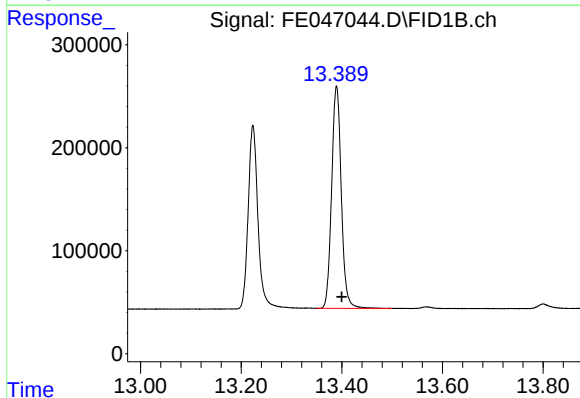
#9 ortho-Terphenyl (SURR)

R.T.: 11.782 min
Delta R.T.: -0.010 min
Response: 3180852
Conc: 19.36 ug/ml



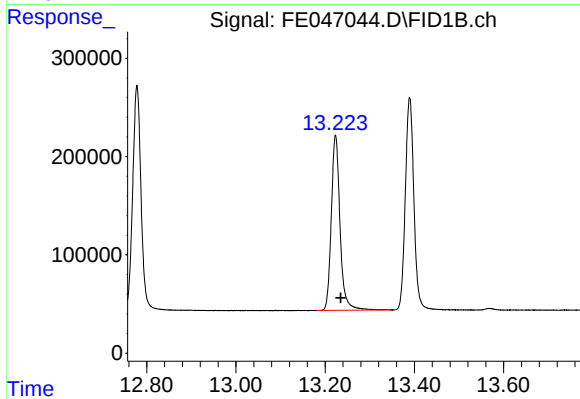
#10 n-Eicosane (C20)

R.T.: 12.778 min
Delta R.T.: -0.010 min
Response: 2958098
Conc: 19.54 ug/ml



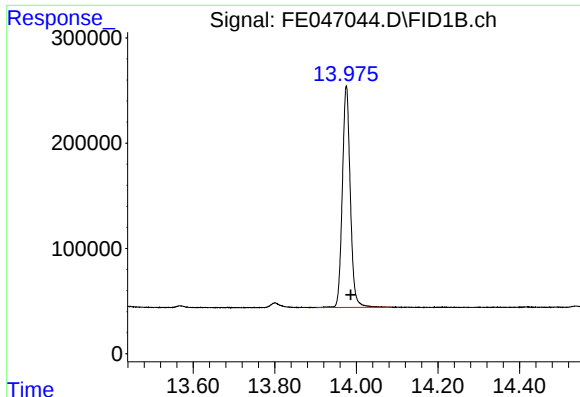
#11 n-Heneicosane (C21)

R.T.: 13.390 min
Delta R.T.: -0.010 min
Response: 2877910
Conc: 19.43 ug/ml



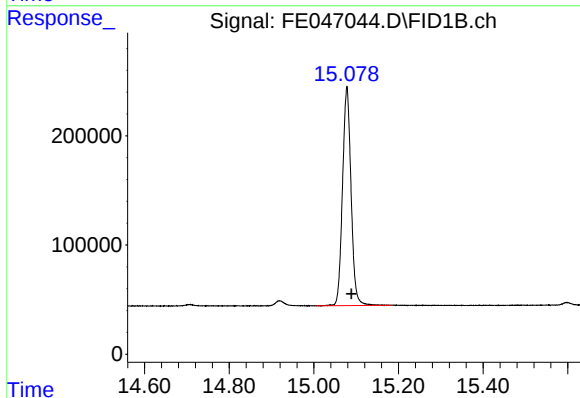
#12 1-chlorooctadecane (SURR)

R.T.: 13.223 min
Delta R.T.: -0.012 min
Response: 2419025
Conc: 19.65 ug/ml



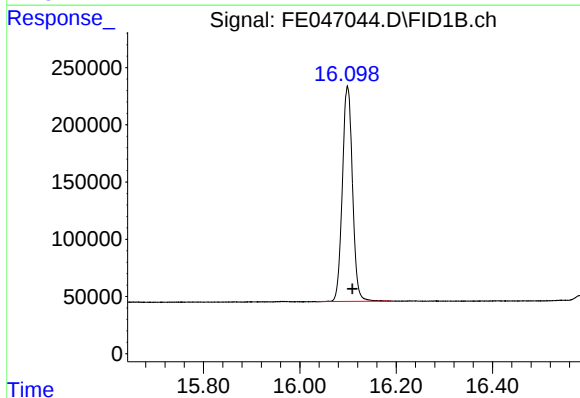
#13 n-Docosane (C22)

R.T.: 13.976 min
Delta R.T.: -0.010 min
Response: 2850021
Conc: 19.59 ug/ml



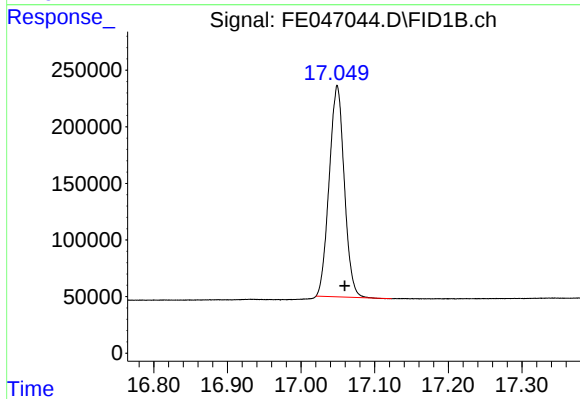
#14 n-Tetracosane (C24)

R.T.: 15.078 min
Delta R.T.: -0.010 min
Response: 2802562
Conc: 19.62 ug/ml



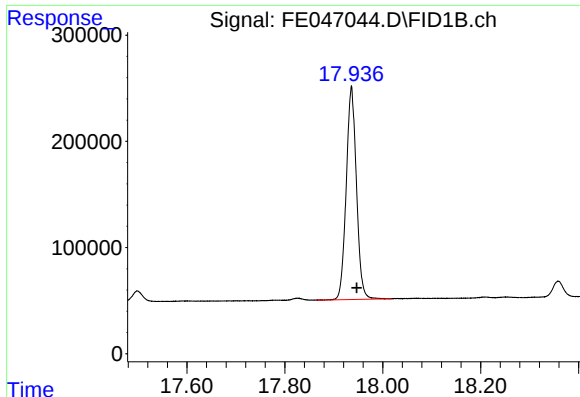
#15 n-Hexacosane (C26)

R.T.: 16.099 min
Delta R.T.: -0.010 min
Response: 2758929
Conc: 19.74 ug/ml



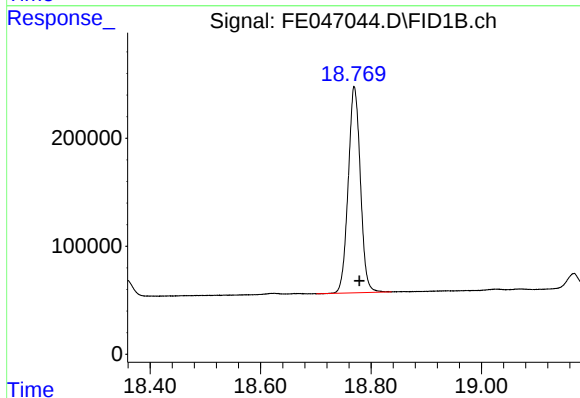
#16 n-Octacosane (C28)

R.T.: 17.049 min
Delta R.T.: -0.010 min
Response: 2663323
Conc: 19.55 ug/ml



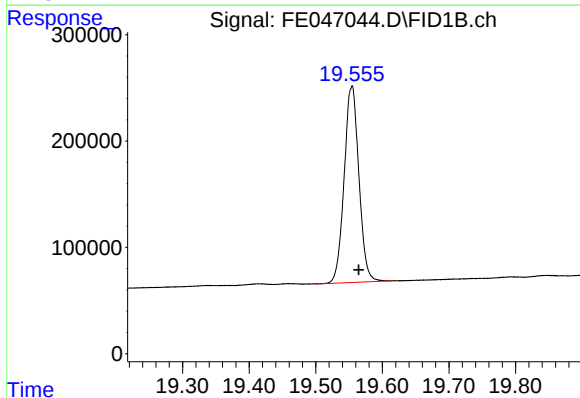
#17 n-Tricontane (C30)

R.T.: 17.936 min
Delta R.T.: -0.011 min
Response: 2906615
Conc: 20.83 ug/ml



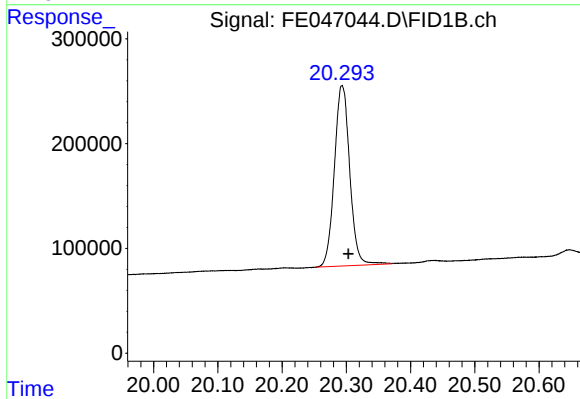
#18 n-Dotriacontane (C32)

R.T.: 18.770 min
Delta R.T.: -0.010 min
Response: 2918331
Conc: 21.21 ug/ml



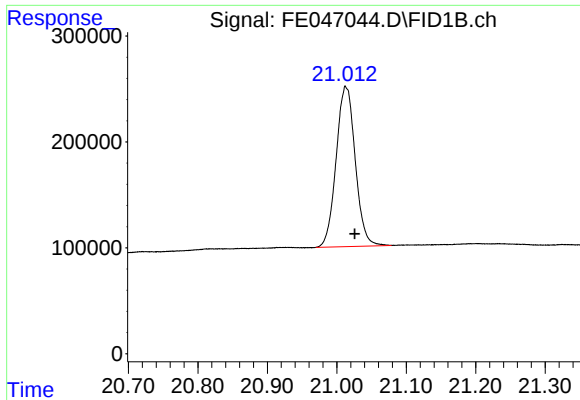
#19 n-Tetratriacontane (C34)

R.T.: 19.554 min
Delta R.T.: -0.010 min
Response: 2841233
Conc: 21.15 ug/ml



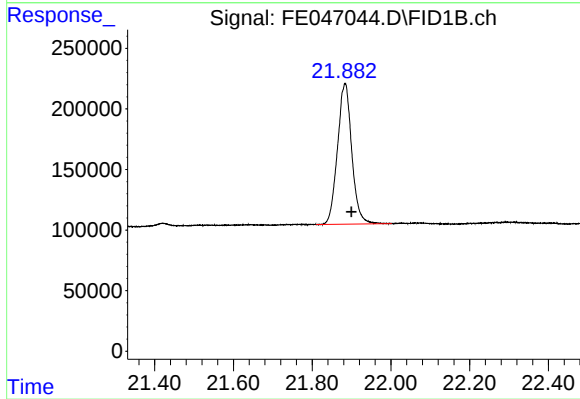
#20 n-Hexatriacontane (C36)

R.T.: 20.293 min
Delta R.T.: -0.010 min
Response: 2861627
Conc: 21.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: -0.013 min
Response: 2886887
Conc: 20.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: -0.016 min
Response: 2927461
Conc: 20.75 ug/ml