

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022024AL\
 Data File : FE046869.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2024 19:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 21 03:49:07 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)	11.789	3091199	18.815 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
12) S 1-chlorooctadecane (S...	13.232	2345820	19.056 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
Target Compounds			
1) T n-Nonane (C9)	3.185	2917975	19.135 ug/ml
2) T n-Decane (C10)	4.436	2954461	19.076 ug/ml
3) T A~Naphthalene (C11.7)	6.141	2980040	18.921 ug/ml
4) T n-Dodecane (C12)	6.603	2966048	19.076 ug/ml
5) T A~2-methylnaphthalene...	7.238	2760599	19.251 ug/ml
6) T n-Tetradecane (C14)	8.428	2919306	18.932 ug/ml
7) T n-Hexadecane (C16)	10.035	2984189	18.808 ug/ml
8) T n-Octadecane (C18)	11.477	3021477	18.953 ug/ml
10) T n-Eicosane (C20)	12.786	2847646	18.813 ug/ml
11) T n-Heneicosane (C21)	13.398	2786168	18.815 ug/ml
13) T n-Docosane (C22)	13.984	2735131	18.799 ug/ml
14) T n-Tetracosane (C24)	15.087	2684721	18.798 ug/ml
15) T n-Hexacosane (C26)	16.107	2627306	18.801 ug/ml
16) T n-Octacosane (C28)	17.058	2549779	18.715 ug/ml
17) T n-Tricontane (C30)	17.945	2600105	18.636 ug/ml
18) T n-Dotriacontane (C32)	18.779	2563667	18.631 ug/ml
19) T n-Tetratriacontane (C34)	19.563	2523408	18.784 ug/ml
20) T n-Hexatriacontane (C36)	20.303	2540897	19.081 ug/ml
21) T n-Octatriacontane (C38)	21.025	2627569	19.070 ug/ml
22) T n-Tetracontane (C40)	21.898	2713209	19.230 ug/ml

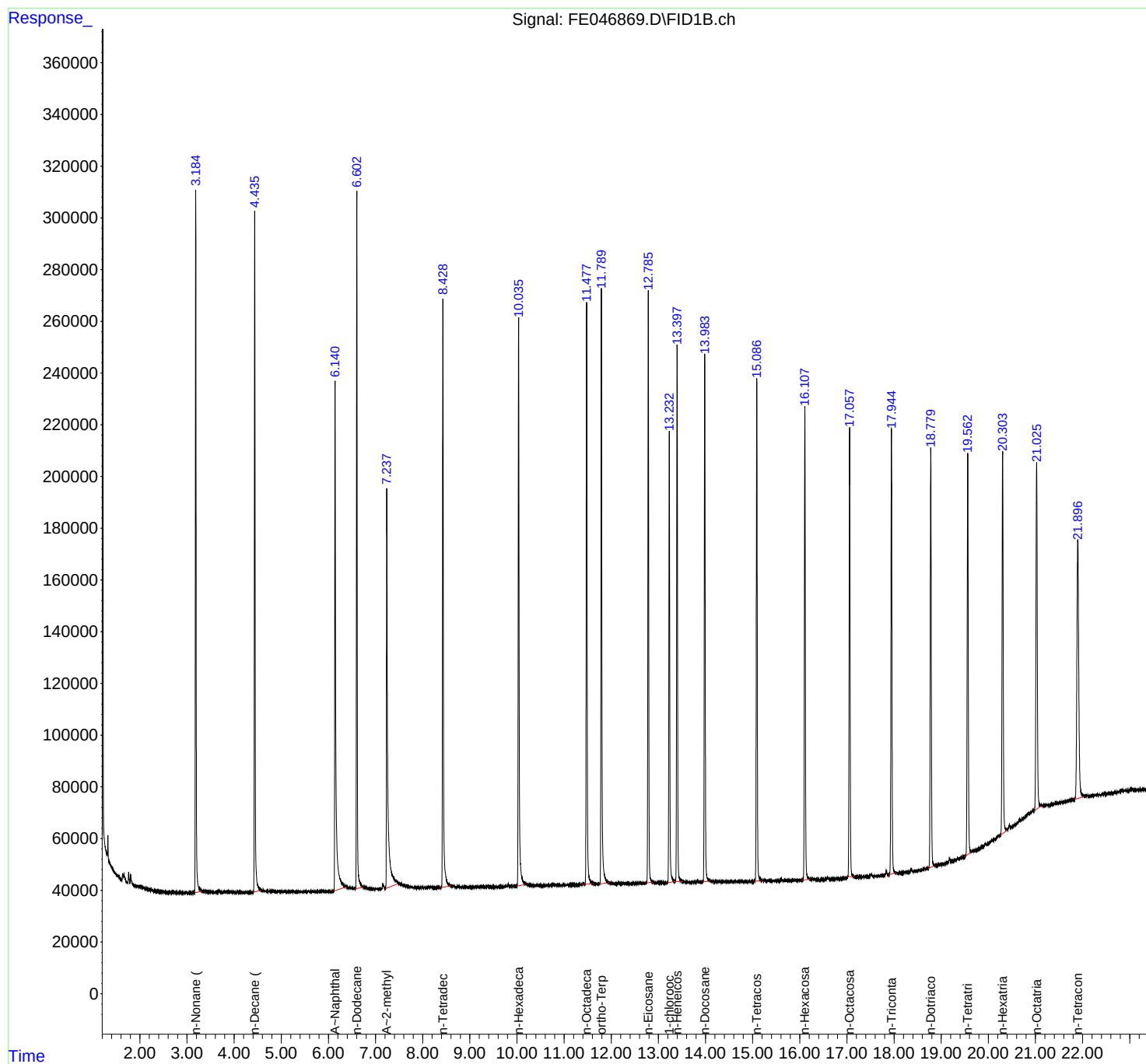
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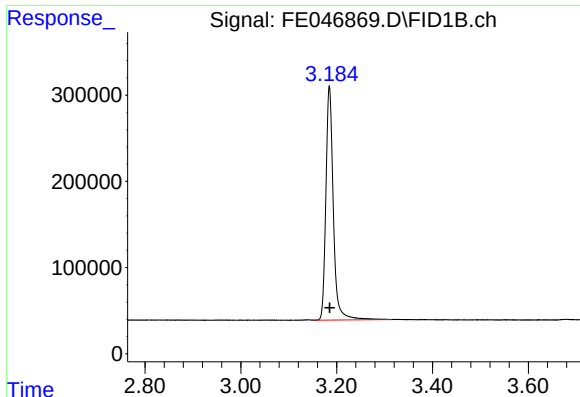
(m)=manual int.

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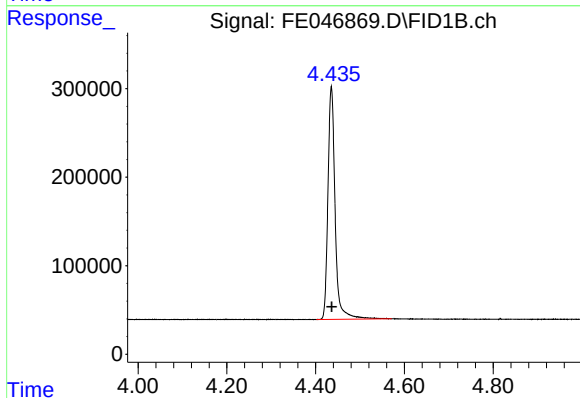
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





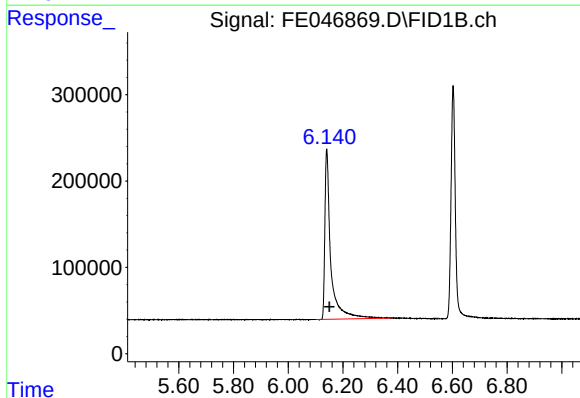
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: -0.001 min
Response: 2917975
Conc: 19.14 ug/ml



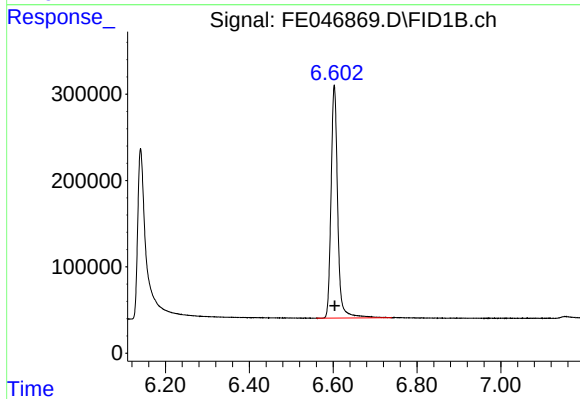
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: -0.001 min
Response: 2954461
Conc: 19.08 ug/ml



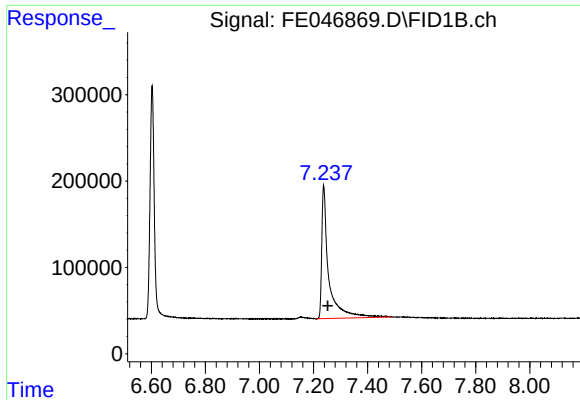
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.011 min
Response: 2980040
Conc: 18.92 ug/ml



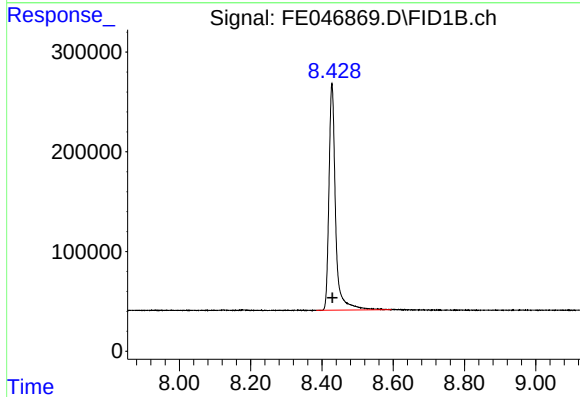
#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: -0.001 min
Response: 2966048
Conc: 19.08 ug/ml



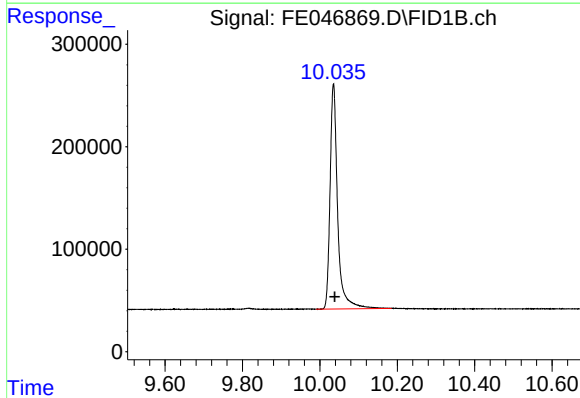
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: -0.015 min
Response: 2760599
Conc: 19.25 ug/ml



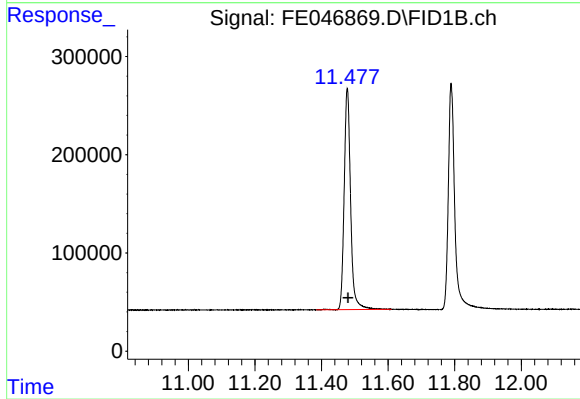
#6 n-Tetradecane (C14)

R.T.: 8.428 min
Delta R.T.: -0.001 min
Response: 2919306
Conc: 18.93 ug/ml



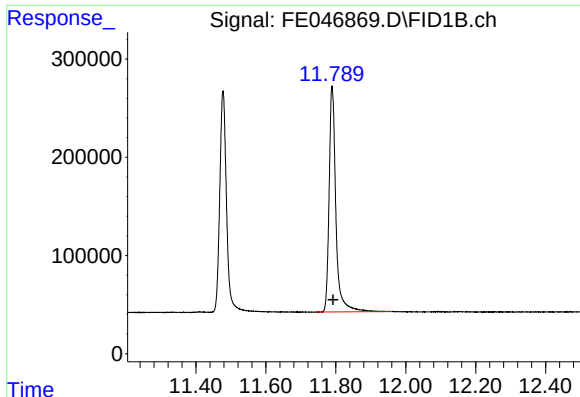
#7 n-Hexadecane (C16)

R.T.: 10.035 min
Delta R.T.: -0.003 min
Response: 2984189
Conc: 18.81 ug/ml



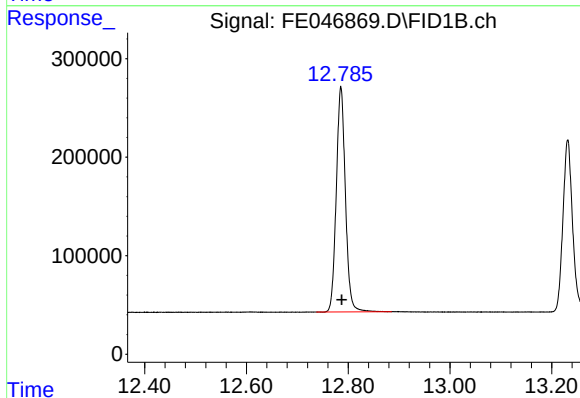
#8 n-Octadecane (C18)

R.T.: 11.477 min
Delta R.T.: -0.003 min
Response: 3021477
Conc: 18.95 ug/ml



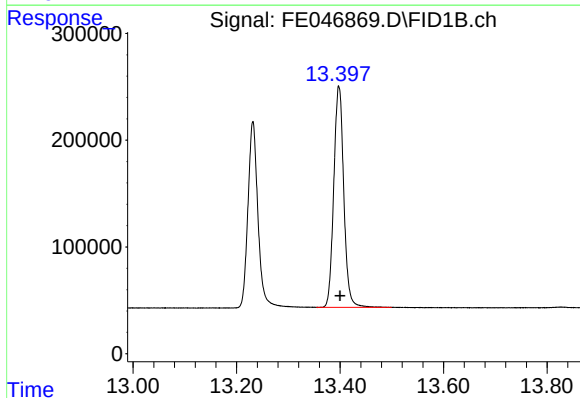
#9 ortho-Terphenyl (SURR)

R.T.: 11.789 min
Delta R.T.: -0.003 min
Response: 3091199
Conc: 18.81 ug/ml



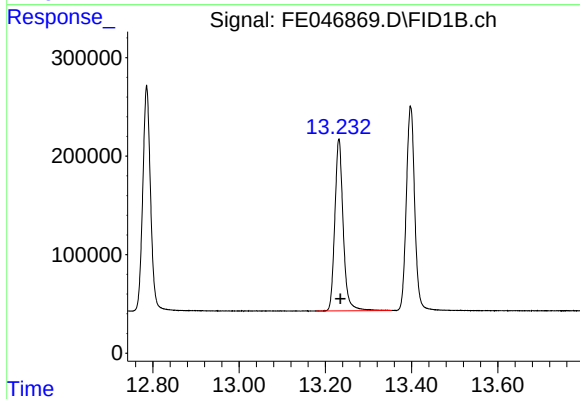
#10 n-Eicosane (C20)

R.T.: 12.786 min
Delta R.T.: -0.002 min
Response: 2847646
Conc: 18.81 ug/ml



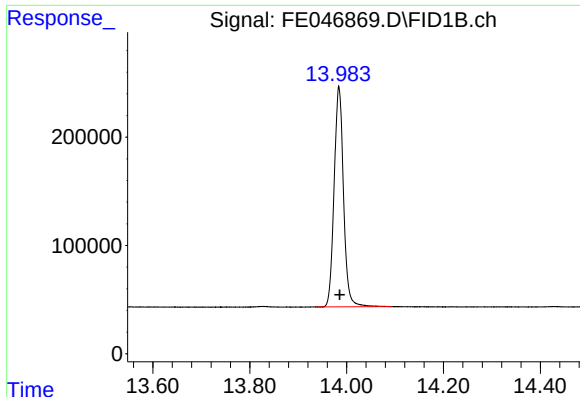
#11 n-Heneicosane (C21)

R.T.: 13.398 min
Delta R.T.: -0.002 min
Response: 2786168
Conc: 18.82 ug/ml



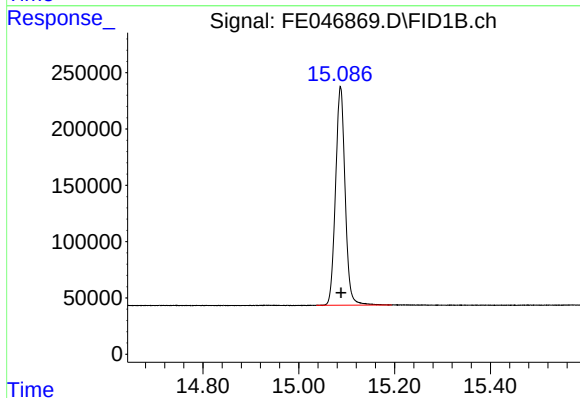
#12 1-chlorooctadecane (SURR)

R.T.: 13.232 min
Delta R.T.: -0.003 min
Response: 2345820
Conc: 19.06 ug/ml



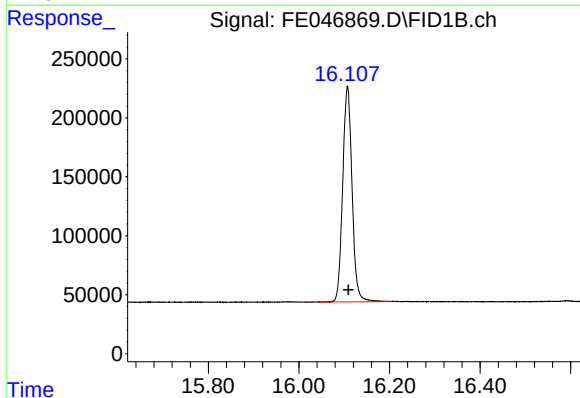
#13 n-Docosane (C22)

R.T.: 13.984 min
Delta R.T.: -0.002 min
Response: 2735131
Conc: 18.80 ug/ml



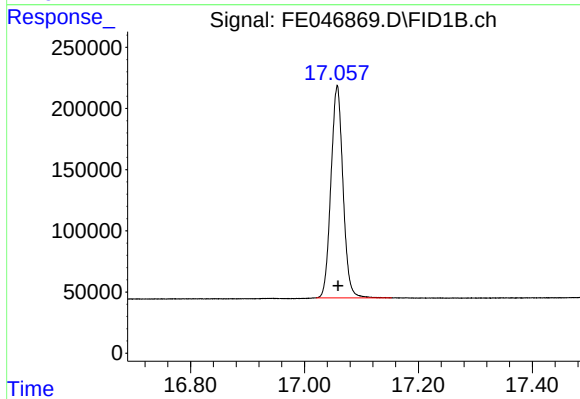
#14 n-Tetracosane (C24)

R.T.: 15.087 min
Delta R.T.: -0.002 min
Response: 2684721
Conc: 18.80 ug/ml



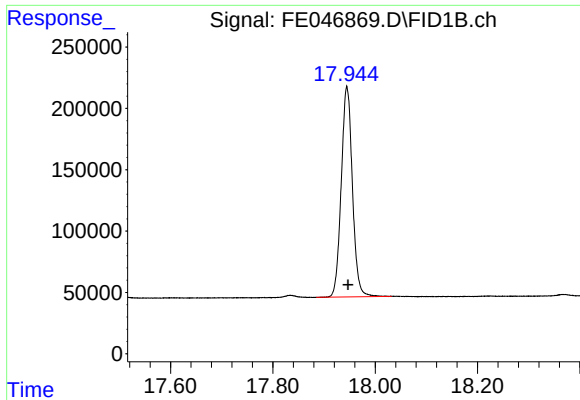
#15 n-Hexacosane (C26)

R.T.: 16.107 min
Delta R.T.: -0.002 min
Response: 2627306
Conc: 18.80 ug/ml



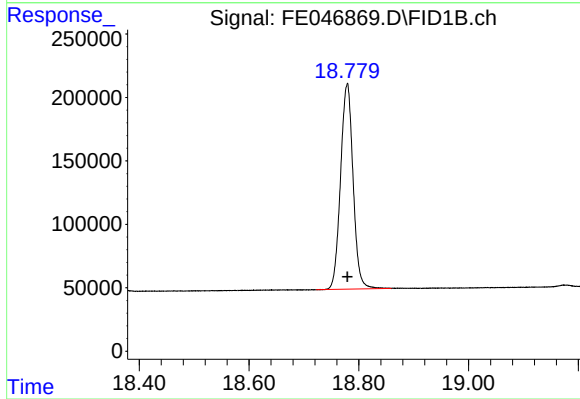
#16 n-Octacosane (C28)

R.T.: 17.058 min
Delta R.T.: -0.002 min
Response: 2549779
Conc: 18.72 ug/ml



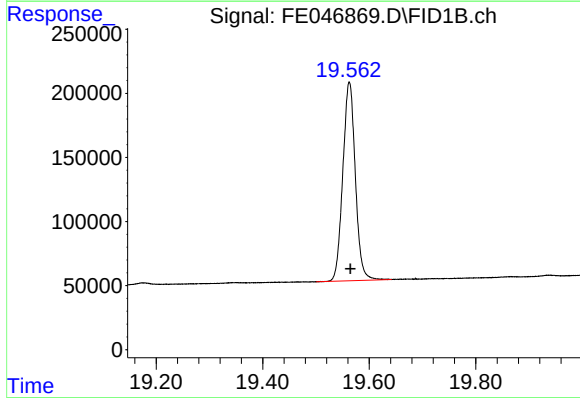
#17 n-Tricontane (C30)

R.T.: 17.945 min
Delta R.T.: -0.002 min
Response: 2600105
Conc: 18.64 ug/ml



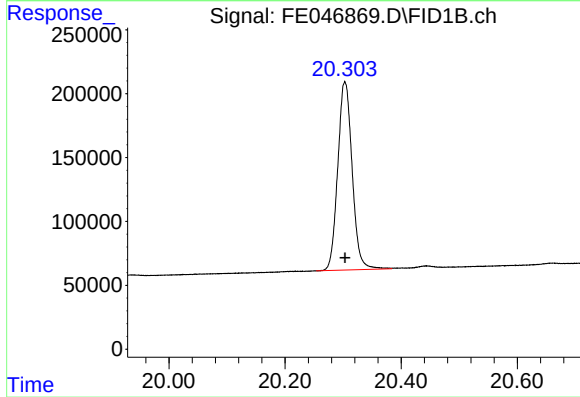
#18 n-Dotriacontane (C32)

R.T.: 18.779 min
Delta R.T.: 0.000 min
Response: 2563667
Conc: 18.63 ug/ml



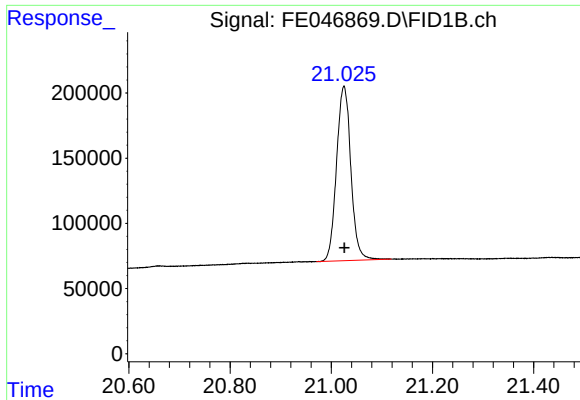
#19 n-Tetratriacontane (C34)

R.T.: 19.563 min
Delta R.T.: -0.002 min
Response: 2523408
Conc: 18.78 ug/ml



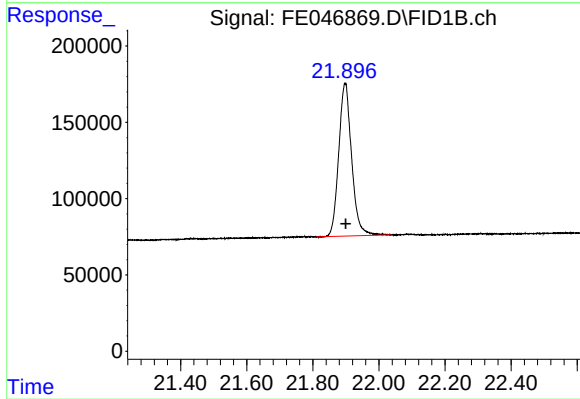
#20 n-Hexatriacontane (C36)

R.T.: 20.303 min
Delta R.T.: 0.000 min
Response: 2540897
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.025 min
Delta R.T.: 0.000 min
Response: 2627569
Conc: 19.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: -0.002 min
Response: 2713209
Conc: 19.23 ug/ml