

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040524AL\
 Data File : FE047483.D
 Signal(s) : FID1B.ch
 Acq On : 05 Apr 2024 07:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 05 23:08:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.978	3082665	17.773 ug/ml
Spiked Amount 50.000		Recovery =	35.55%
12) S 1-chlorooctadecane (S...	13.412	2390080	17.771 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
Target Compounds			
1) T n-Nonane (C9)	3.361	2788958	17.827 ug/ml
2) T n-Decane (C10)	4.613	2863520	17.817 ug/ml
3) T A~Naphthalene (C11.7)	6.319	3001761	17.704 ug/ml
4) T n-Dodecane (C12)	6.778	2876885	17.725 ug/ml
5) T A~2-methylnaphthalene...	7.414	2901665	17.669 ug/ml
6) T n-Tetradecane (C14)	8.606	2853317	17.736 ug/ml
7) T n-Hexadecane (C16)	10.214	2955075	17.793 ug/ml
8) T n-Octadecane (C18)	11.657	2990428	17.832 ug/ml
10) T n-Eicosane (C20)	12.967	2896363	17.878 ug/ml
11) T n-Heneicosane (C21)	13.578	2832563	17.851 ug/ml
13) T n-Docosane (C22)	14.164	2889874	18.008 ug/ml
14) T n-Tetracosane (C24)	15.266	2974221	18.019 ug/ml
15) T n-Hexacosane (C26)	16.287	3030220	18.332 ug/ml
16) T n-Octacosane (C28)	17.234	3127948	18.875 ug/ml
17) T n-Tricontane (C30)	18.121	3337699	19.659 ug/ml
18) T n-Dotriacontane (C32)	18.952	3327132	19.953 ug/ml
19) T n-Tetratriacontane (C34)	19.736	3055182	19.049 ug/ml
20) T n-Hexatriacontane (C36)	20.475	2945461	18.467 ug/ml
21) T n-Octatriacontane (C38)	21.217	2880166	17.722 ug/ml
22) T n-Tetracontane (C40)	22.145	2876280	17.568 ug/ml

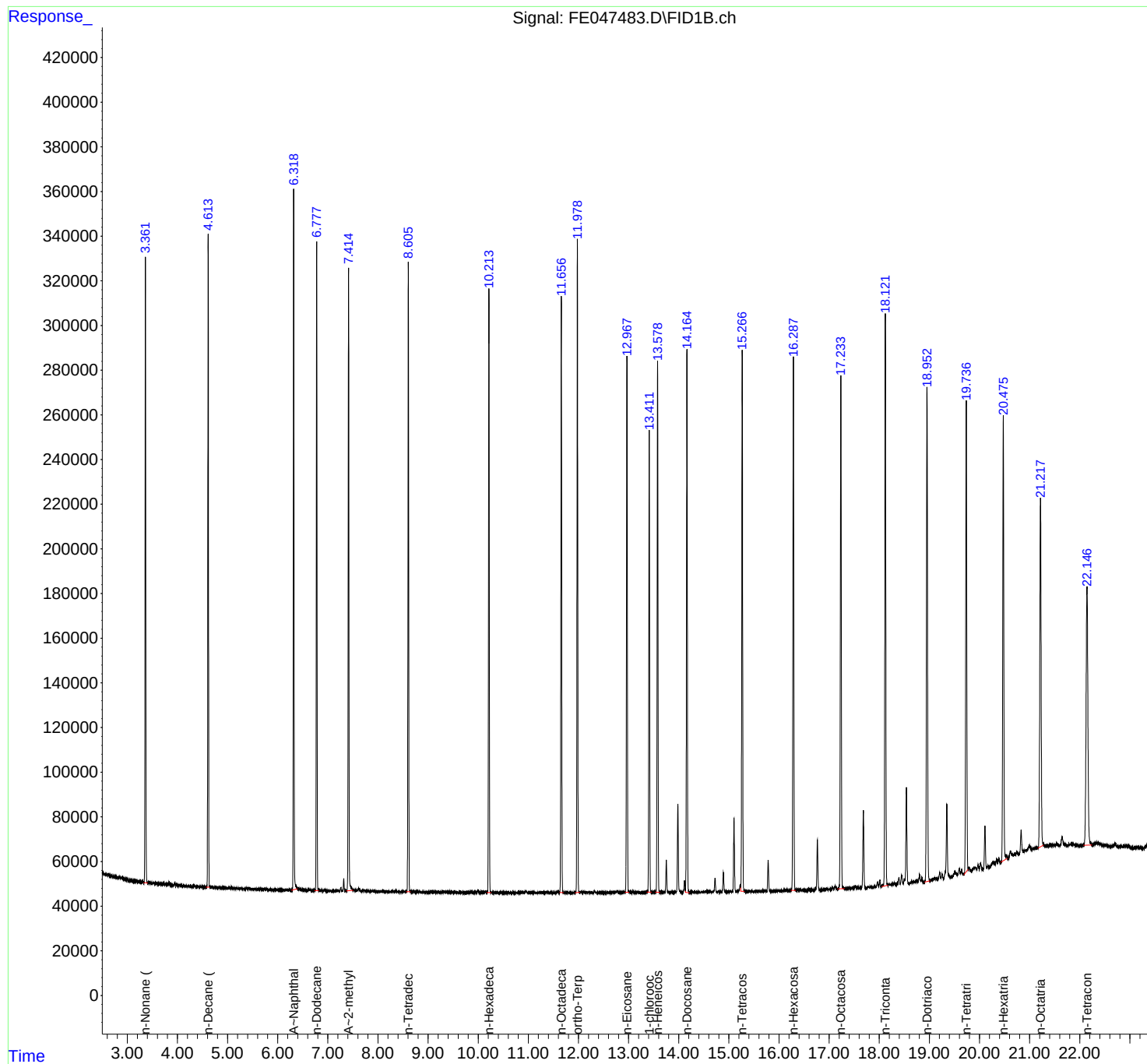
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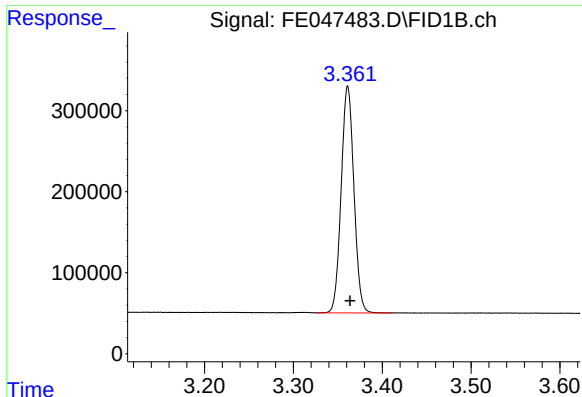
(m)=manual int.

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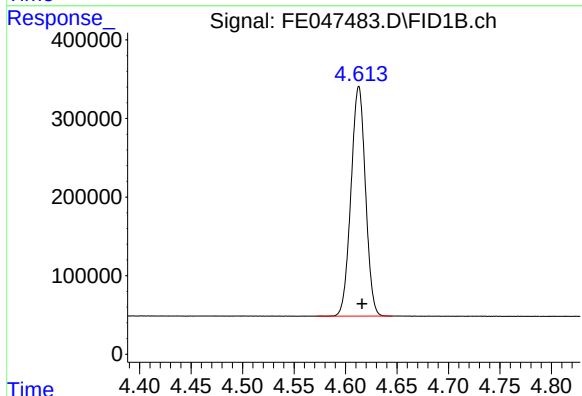
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





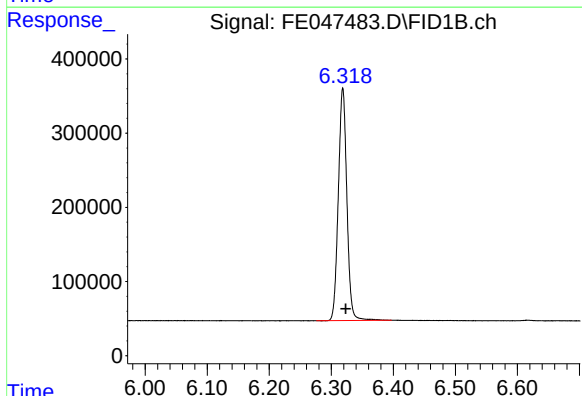
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.003 min
Response: 2788958
Conc: 17.83 ug/ml



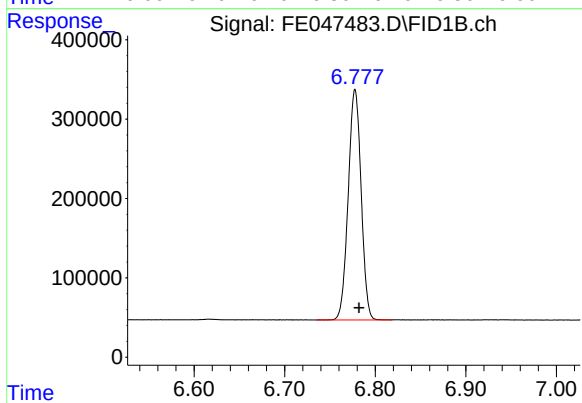
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.003 min
Response: 2863520
Conc: 17.82 ug/ml



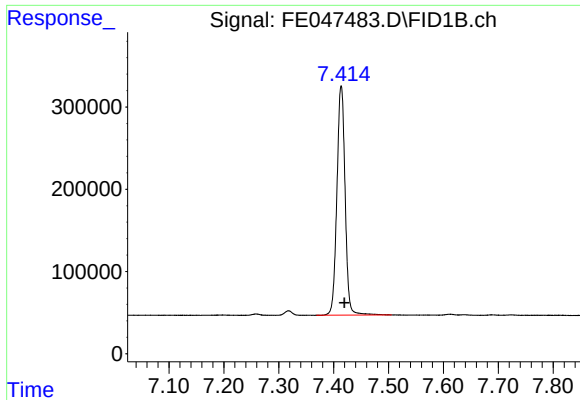
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 3001761
Conc: 17.70 ug/ml



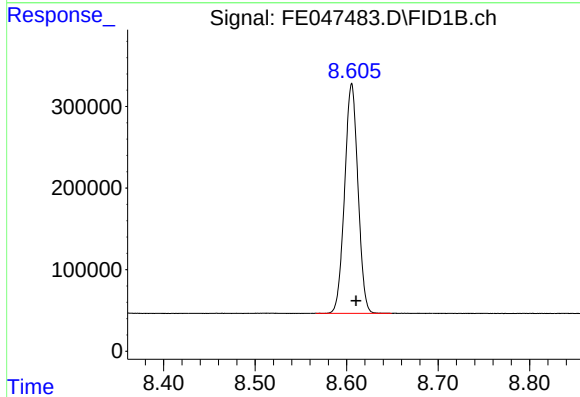
#4 n-Dodecane (C12)

R.T.: 6.778 min
Delta R.T.: -0.004 min
Response: 2876885
Conc: 17.72 ug/ml



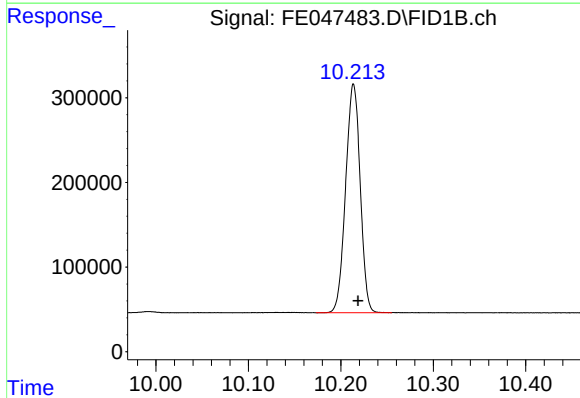
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.414 min
Delta R.T.: -0.006 min
Response: 2901665
Conc: 17.67 ug/ml



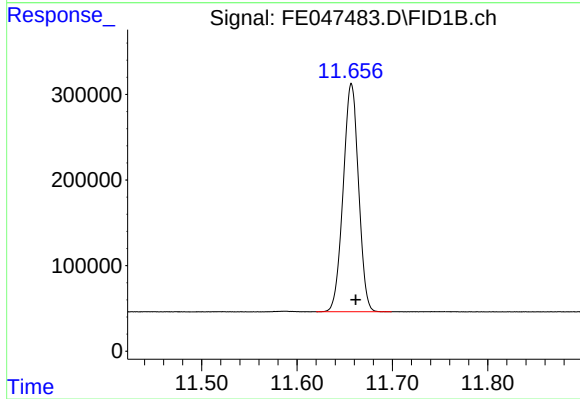
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: -0.005 min
Response: 2853317
Conc: 17.74 ug/ml



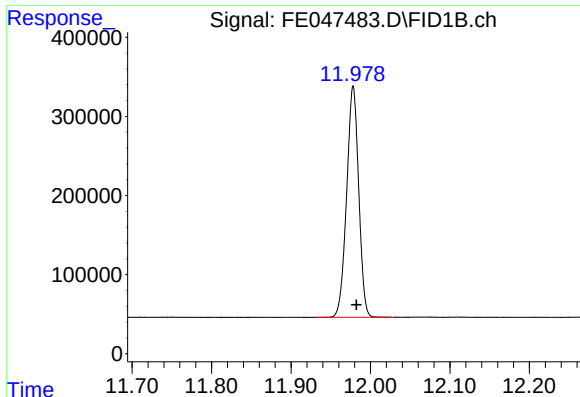
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: -0.005 min
Response: 2955075
Conc: 17.79 ug/ml



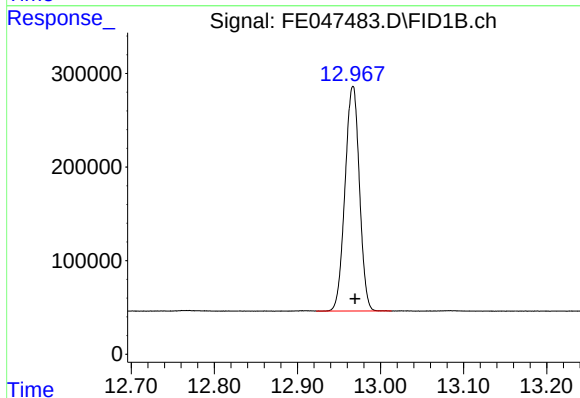
#8 n-Octadecane (C18)

R.T.: 11.657 min
Delta R.T.: -0.005 min
Response: 2990428
Conc: 17.83 ug/ml



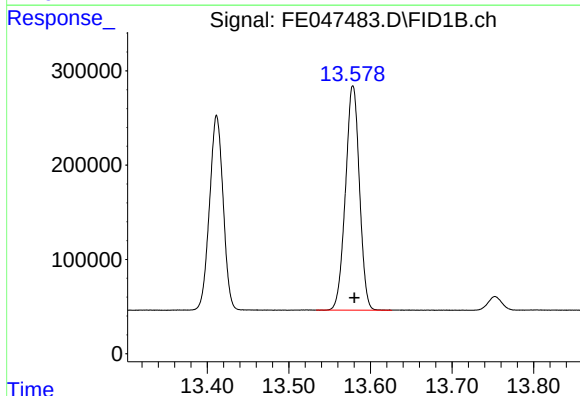
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: -0.004 min
Response: 3082665
Conc: 17.77 ug/ml



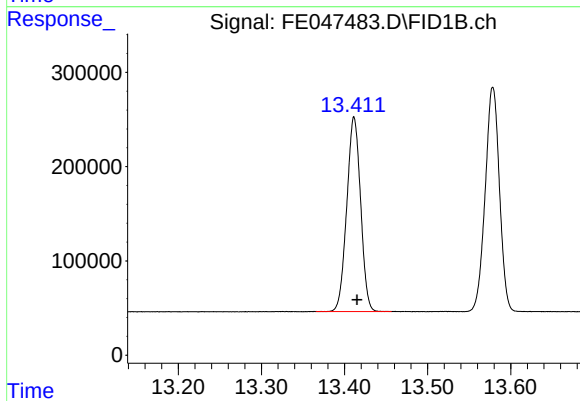
#10 n-Eicosane (C20)

R.T.: 12.967 min
Delta R.T.: -0.003 min
Response: 2896363
Conc: 17.88 ug/ml



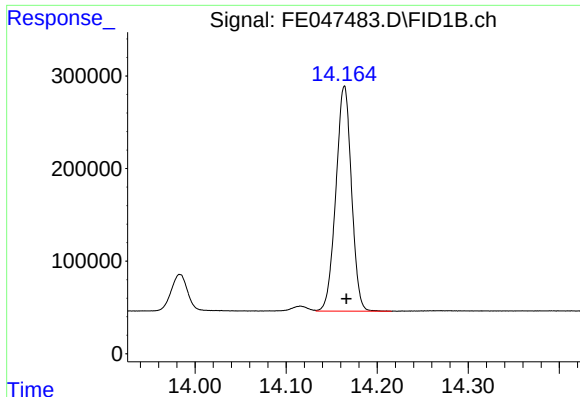
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.002 min
Response: 2832563
Conc: 17.85 ug/ml



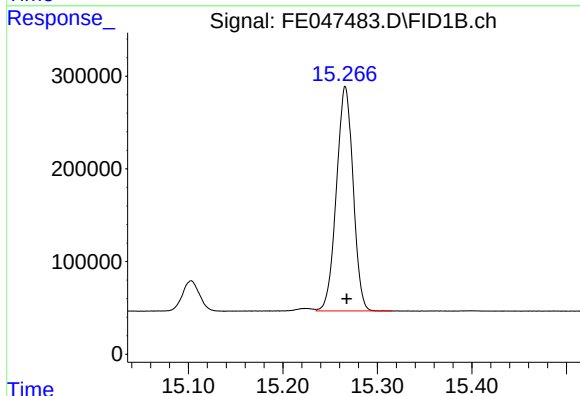
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: -0.004 min
Response: 2390080
Conc: 17.77 ug/ml



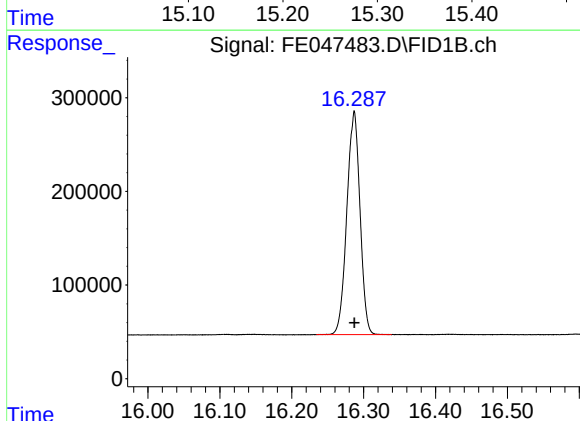
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: -0.002 min
Response: 2889874
Conc: 18.01 ug/ml



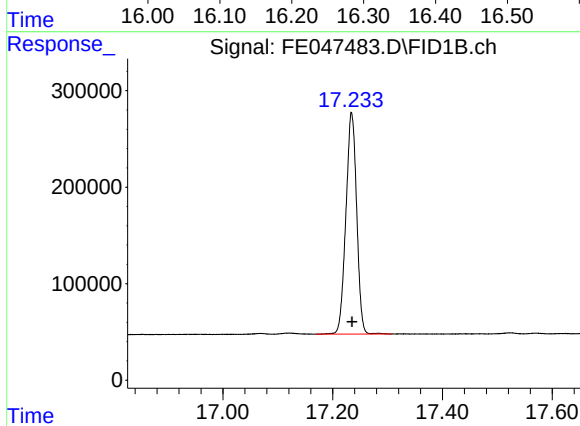
#14 n-Tetracosane (C24)

R.T.: 15.266 min
Delta R.T.: -0.002 min
Response: 2974221
Conc: 18.02 ug/ml



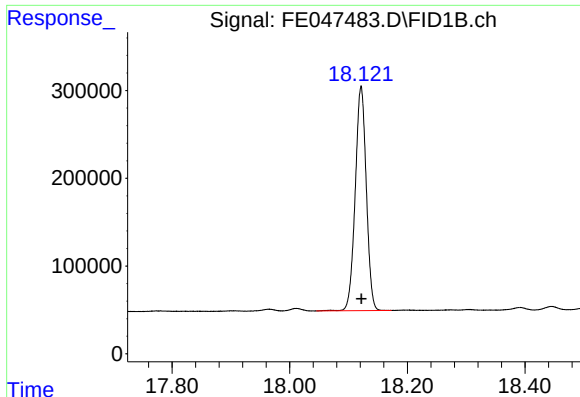
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.000 min
Response: 3030220
Conc: 18.33 ug/ml



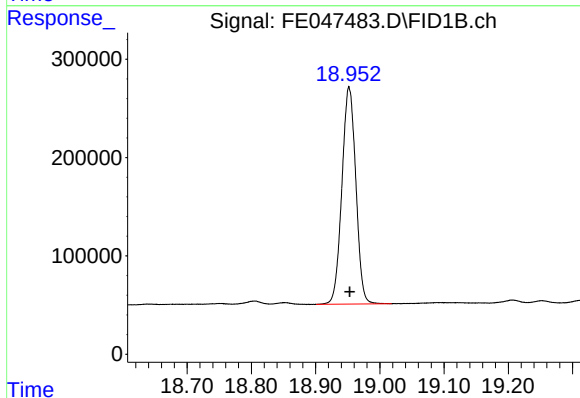
#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.000 min
Response: 3127948
Conc: 18.88 ug/ml



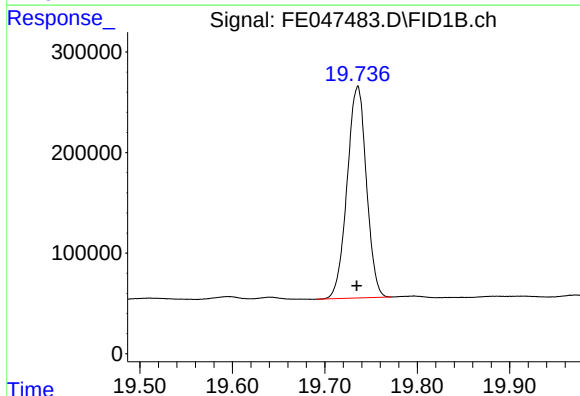
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.000 min
Response: 3337699
Conc: 19.66 ug/ml



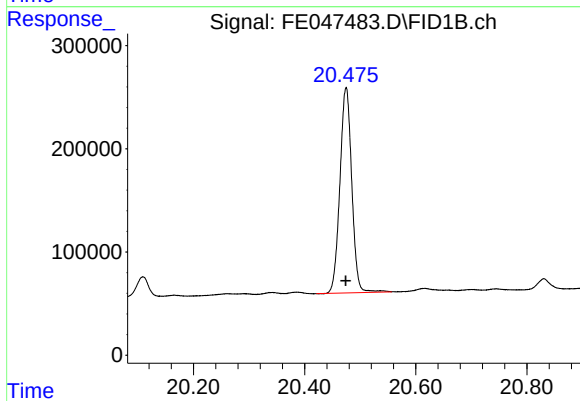
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.001 min
Response: 3327132
Conc: 19.95 ug/ml



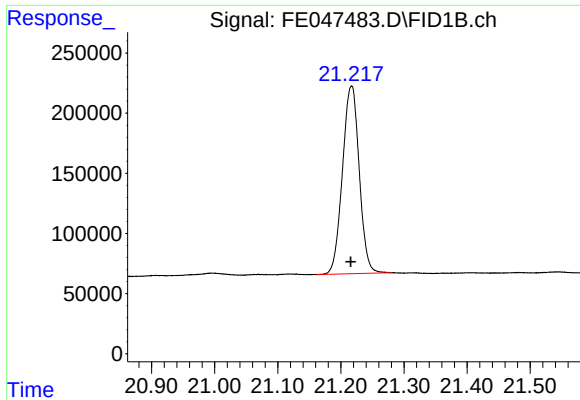
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.001 min
Response: 3055182
Conc: 19.05 ug/ml



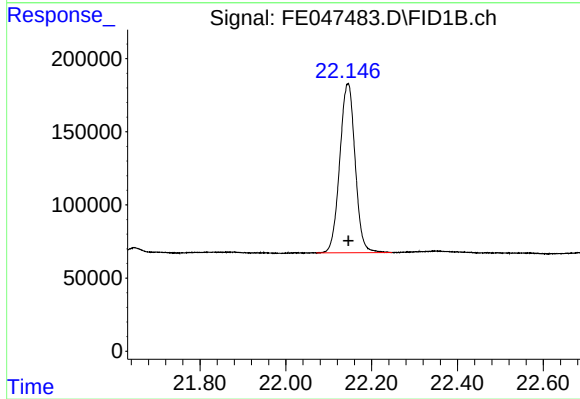
#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.000 min
Response: 2945461
Conc: 18.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: 0.001 min
Response: 2880166
Conc: 17.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: 0.000 min
Response: 2876280
Conc: 17.57 ug/ml