

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040324AL\
 Data File : FE047449.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2024 20:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 04 03:01:14 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)	11.981	3033324	17.489 ug/ml
Spiked Amount 50.000		Recovery =	34.98%
12) S 1-chlorooctadecane (S...	13.415	2357374	17.527 ug/ml
Spiked Amount 50.000		Recovery =	35.05%
Target Compounds			
1) T n-Nonane (C9)	3.361	2732892	17.468 ug/ml
2) T n-Decane (C10)	4.614	2802276	17.436 ug/ml
3) T A~Naphthalene (C11.7)	6.321	2949444	17.395 ug/ml
4) T n-Dodecane (C12)	6.781	2817351	17.358 ug/ml
5) T A~2-methylnaphthalene...	7.417	2852050	17.367 ug/ml
6) T n-Tetradecane (C14)	8.609	2799090	17.399 ug/ml
7) T n-Hexadecane (C16)	10.217	2902942	17.480 ug/ml
8) T n-Octadecane (C18)	11.660	2938980	17.525 ug/ml
10) T n-Eicosane (C20)	12.969	2841060	17.537 ug/ml
11) T n-Heneicosane (C21)	13.582	2783360	17.541 ug/ml
13) T n-Docosane (C22)	14.168	2831920	17.646 ug/ml
14) T n-Tetracosane (C24)	15.269	2924209	17.716 ug/ml
15) T n-Hexacosane (C26)	16.290	2978253	18.018 ug/ml
16) T n-Octacosane (C28)	17.237	3066397	18.504 ug/ml
17) T n-Tricontane (C30)	18.125	3258777	19.195 ug/ml
18) T n-Dotriacontane (C32)	18.956	3219670	19.308 ug/ml
19) T n-Tetratriacontane (C34)	19.738	2989048	18.637 ug/ml
20) T n-Hexatriacontane (C36)	20.478	2834491	17.771 ug/ml
21) T n-Octatriacontane (C38)	21.220	2834898	17.443 ug/ml
22) T n-Tetracontane (C40)	22.151	2819064	17.218 ug/ml

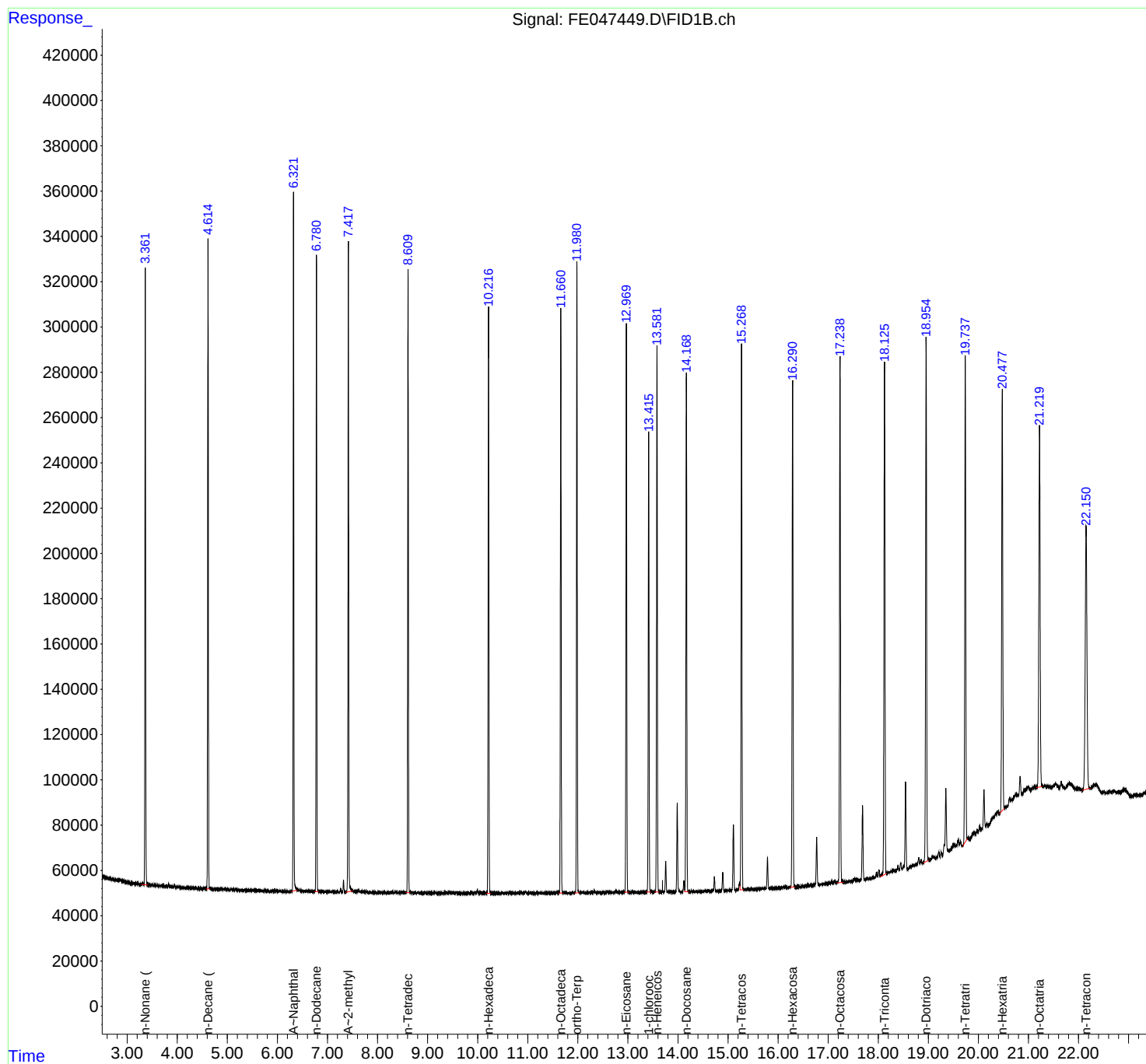
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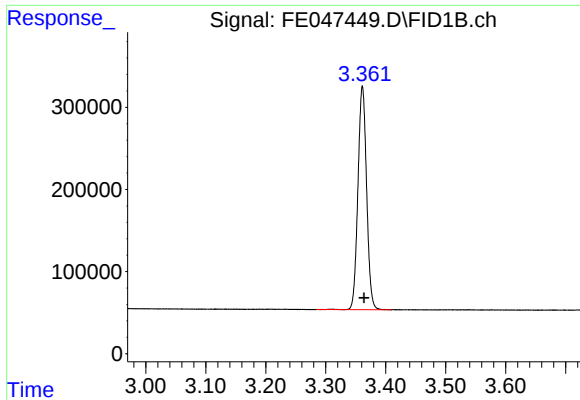
(m)=manual int.

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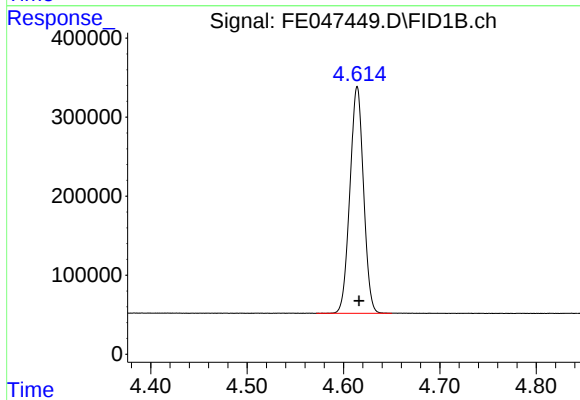
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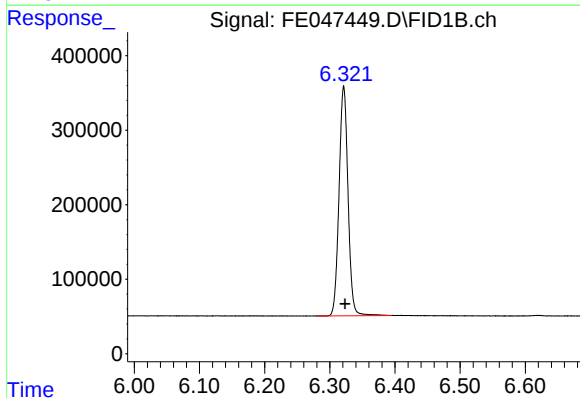
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.003 min
Response: 2732892
Conc: 17.47 ug/ml



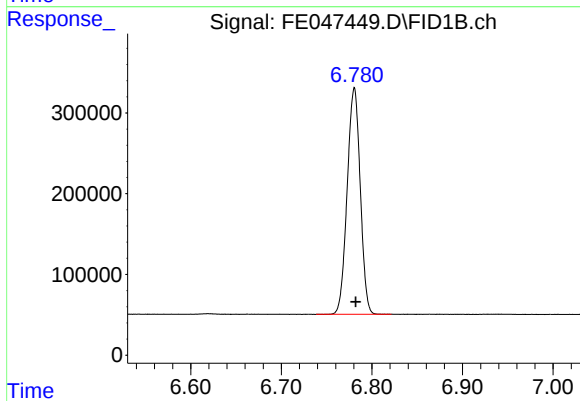
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 2802276
Conc: 17.44 ug/ml



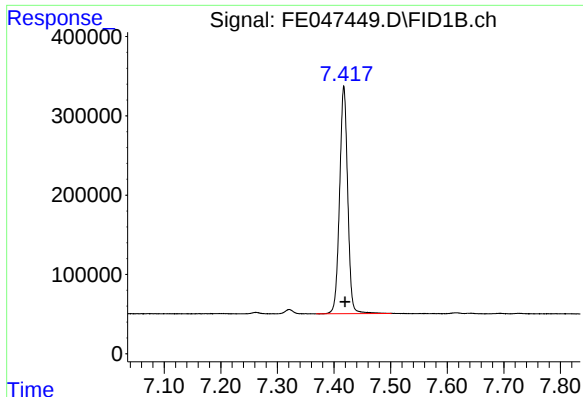
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 2949444
Conc: 17.40 ug/ml



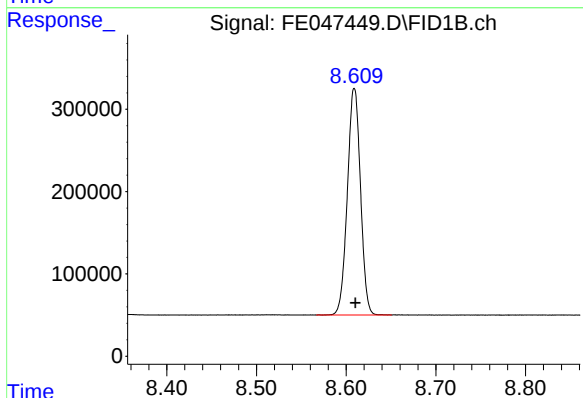
#4 n-Dodecane (C12)

R.T.: 6.781 min
Delta R.T.: -0.001 min
Response: 2817351
Conc: 17.36 ug/ml



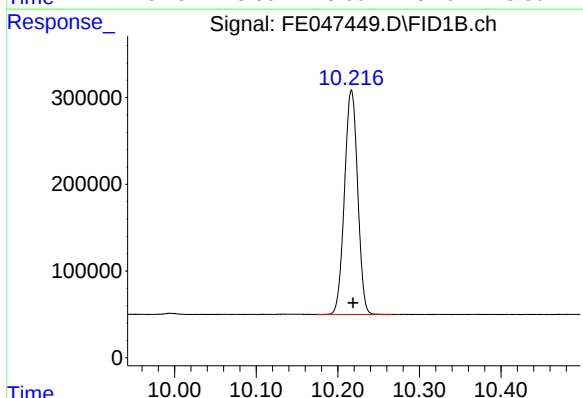
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.417 min
Delta R.T.: -0.002 min
Response: 2852050
Conc: 17.37 ug/ml



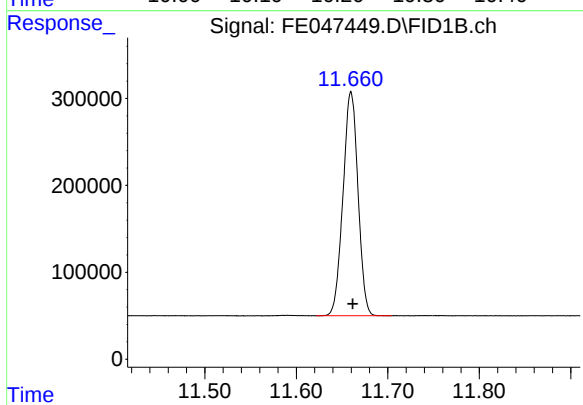
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: -0.001 min
Response: 2799090
Conc: 17.40 ug/ml



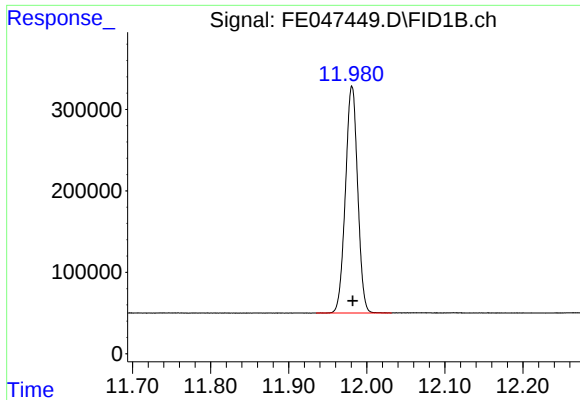
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.002 min
Response: 2902942
Conc: 17.48 ug/ml



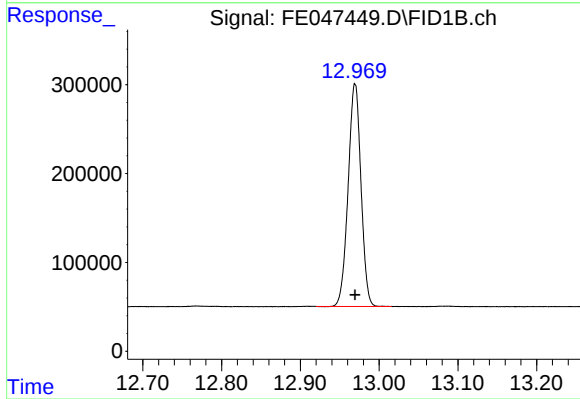
#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 2938980
Conc: 17.53 ug/ml



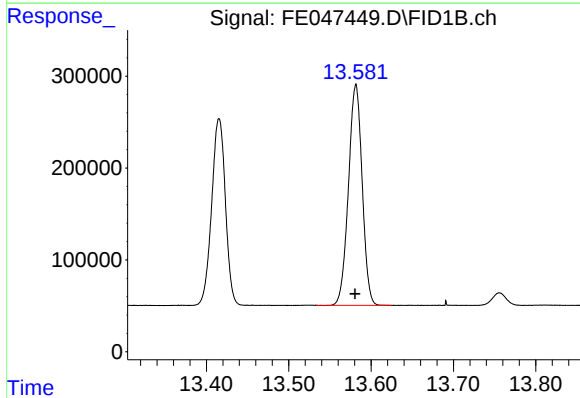
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.000 min
Response: 3033324
Conc: 17.49 ug/ml



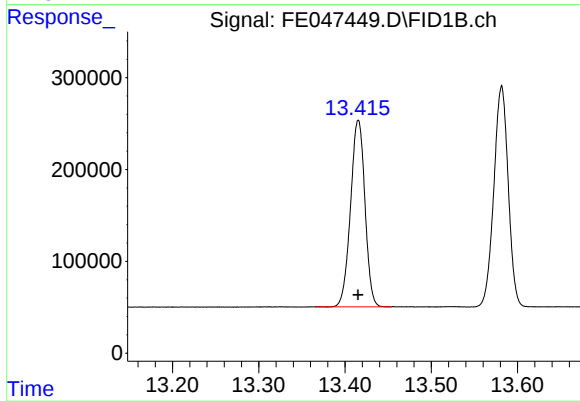
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 2841060
Conc: 17.54 ug/ml



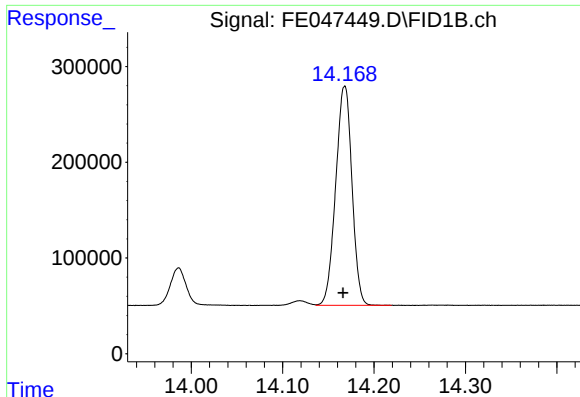
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.001 min
Response: 2783360
Conc: 17.54 ug/ml



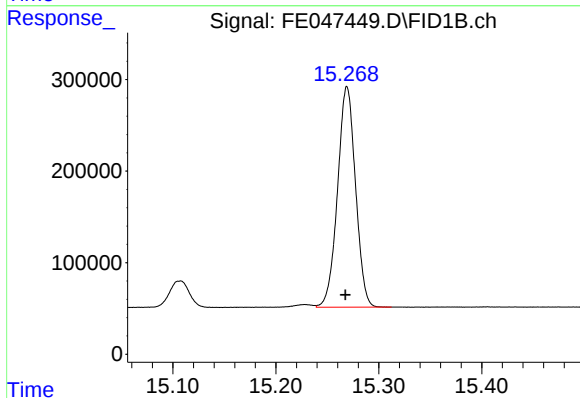
#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min
Delta R.T.: 0.000 min
Response: 2357374
Conc: 17.53 ug/ml



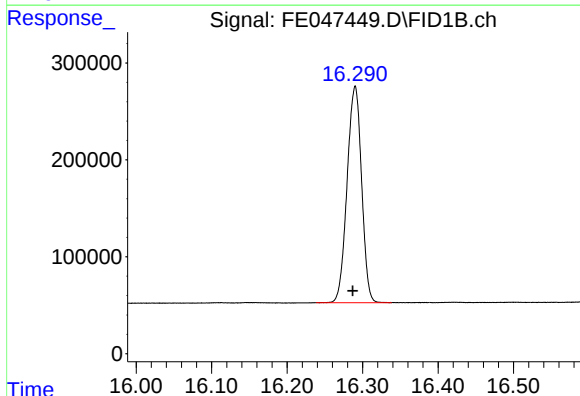
#13 n-Docosane (C22)

R.T.: 14.168 min
Delta R.T.: 0.002 min
Response: 2831920
Conc: 17.65 ug/ml



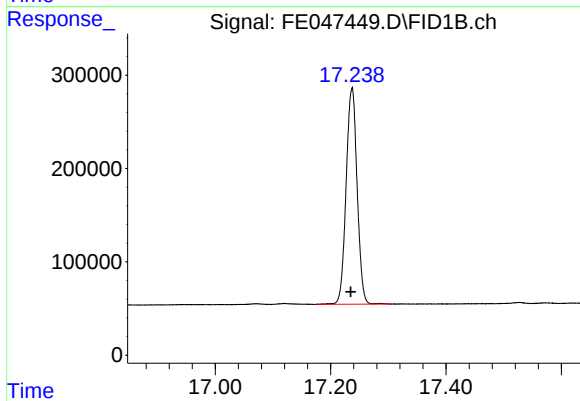
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.001 min
Response: 2924209
Conc: 17.72 ug/ml



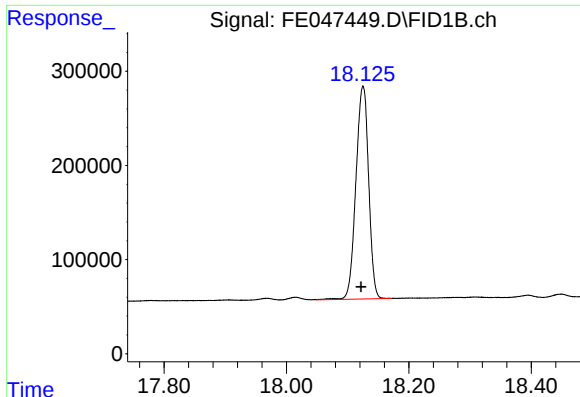
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.003 min
Response: 2978253
Conc: 18.02 ug/ml



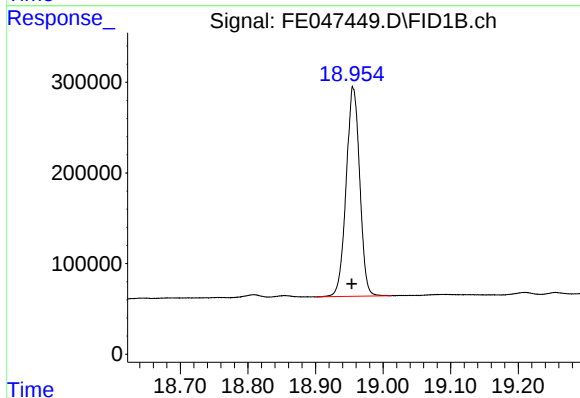
#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.002 min
Response: 3066397
Conc: 18.50 ug/ml



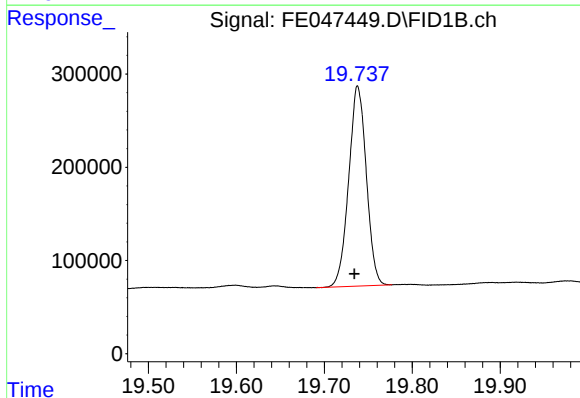
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.003 min
Response: 3258777
Conc: 19.19 ug/ml



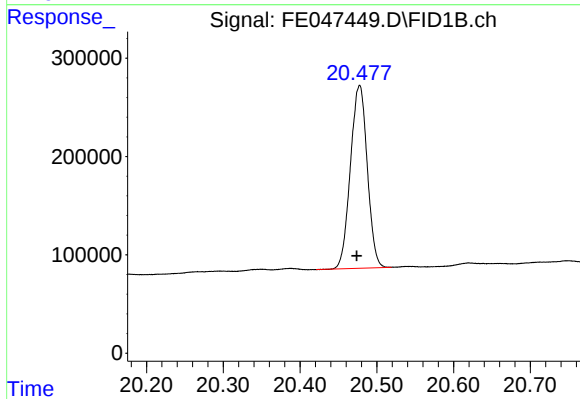
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.002 min
Response: 3219670
Conc: 19.31 ug/ml



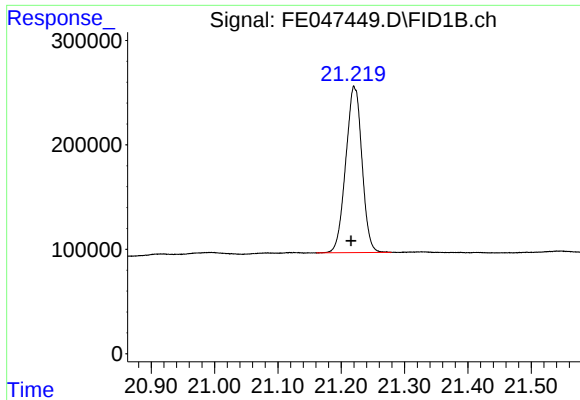
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.004 min
Response: 2989048
Conc: 18.64 ug/ml



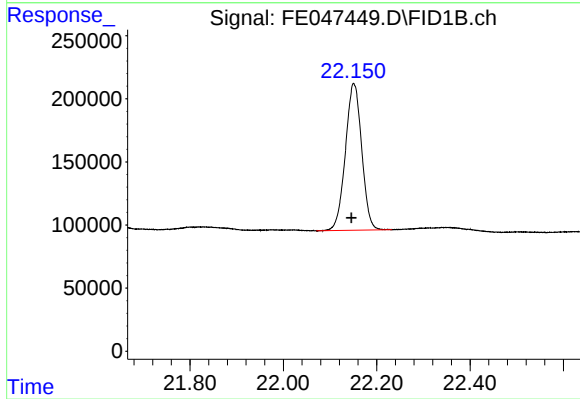
#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: 0.004 min
Response: 2834491
Conc: 17.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.005 min
Response: 2834898
Conc: 17.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.005 min
Response: 2819064
Conc: 17.22 ug/ml