

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021224AL\
 Data File : FE046704.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2024 10:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 12 13:30:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.809	3553368	19.217 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
12) S 1-chlorooctadecane (S...	13.251	2692975	18.928 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
Target Compounds			
1) T n-Nonane (C9)	3.198	2993664	18.533 ug/ml
2) T n-Decane (C10)	4.448	3451027	21.058 ug/ml
3) T A~Naphthalene (C11.7)	6.153	3533389	20.663 ug/ml
4) T n-Dodecane (C12)	6.616	3472582	20.994 ug/ml
5) T A~2-methylnaphthalene...	7.249	3279881	20.565 ug/ml
6) T n-Tetradecane (C14)	8.443	3404530	20.772 ug/ml
7) T n-Hexadecane (C16)	10.051	3467771	20.294 ug/ml
8) T n-Octadecane (C18)	11.495	3462209	19.859 ug/ml
10) T n-Eicosane (C20)	12.805	3277120	19.301 ug/ml
11) T n-Heneicosane (C21)	13.418	3194689	19.154 ug/ml
13) T n-Docosane (C22)	14.003	3160233	19.076 ug/ml
14) T n-Tetracosane (C24)	15.108	3132283	18.983 ug/ml
15) T n-Hexacosane (C26)	16.129	3076638	19.062 ug/ml
16) T n-Octacosane (C28)	17.081	3050806	19.434 ug/ml
17) T n-Tricontane (C30)	17.972	3125142	19.952 ug/ml
18) T n-Dotriacontane (C32)	18.805	3079239	20.371 ug/ml
19) T n-Tetratriacontane (C34)	19.591	2811034	19.819 ug/ml
20) T n-Hexatriacontane (C36)	20.332	2680887	19.449 ug/ml
21) T n-Octatriacontane (C38)	21.058	2751628	21.464 ug/ml
22) T n-Tetracontane (C40)	21.945	2663293	21.300 ug/ml

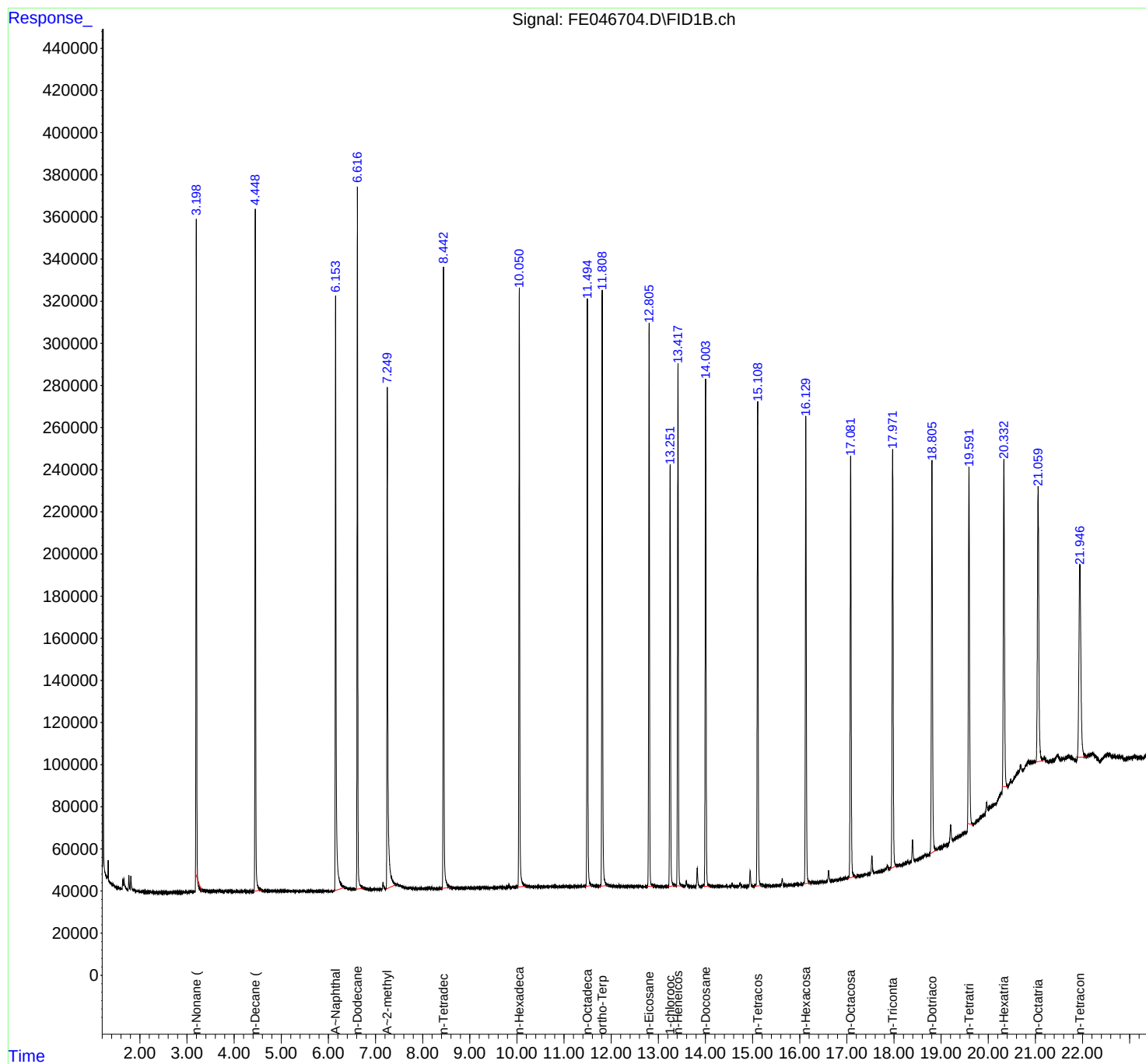
(f)=RT Delta > 1/2 Window

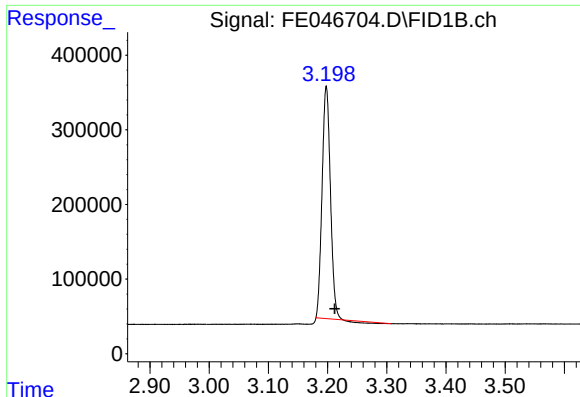
(m)=manual int.

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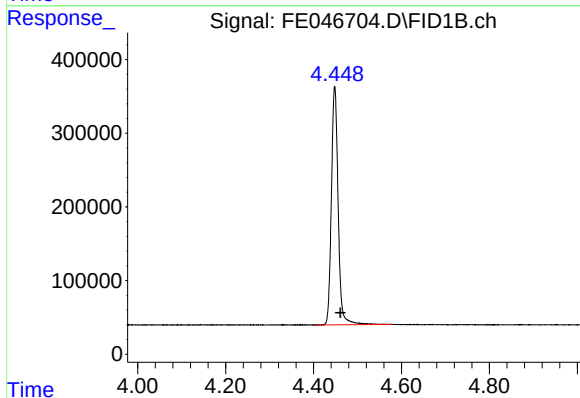
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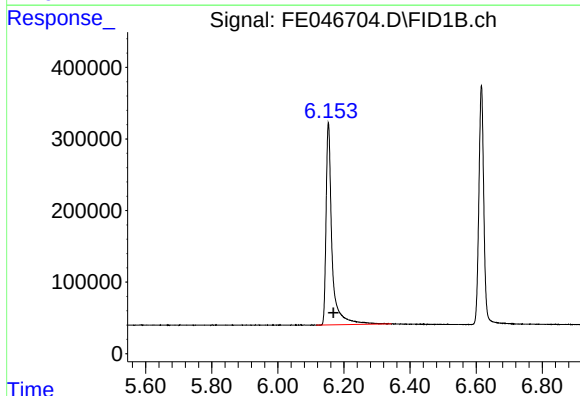
#1 n-Nonane (C9)

R.T.: 3.198 min
Delta R.T.: -0.014 min
Response: 2993664
Conc: 18.53 ug/ml



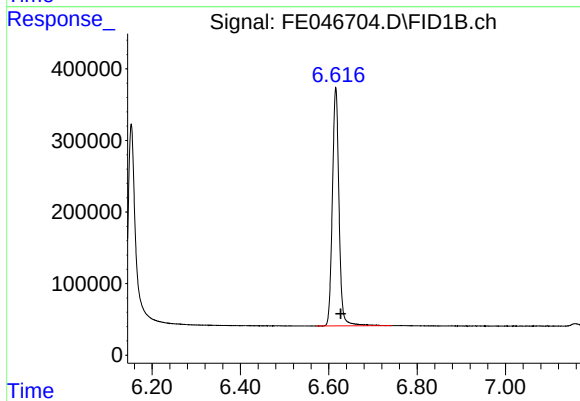
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.013 min
Response: 3451027
Conc: 21.06 ug/ml



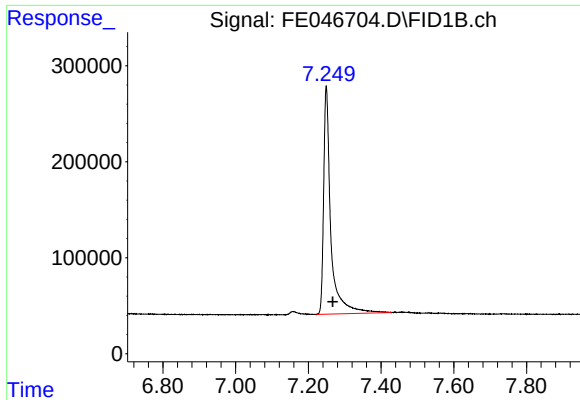
#3 A~Naphthalene (C11.7)

R.T.: 6.153 min
Delta R.T.: -0.016 min
Response: 3533389
Conc: 20.66 ug/ml



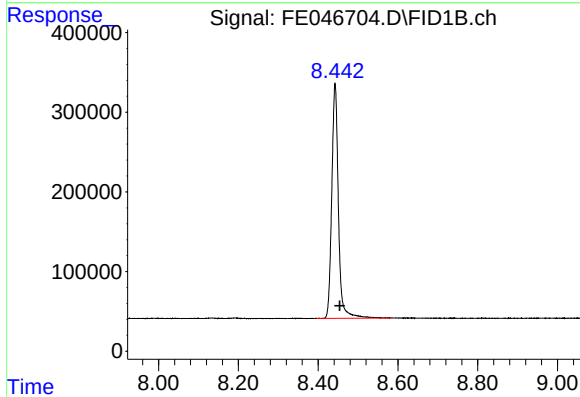
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.011 min
Response: 3472582
Conc: 20.99 ug/ml



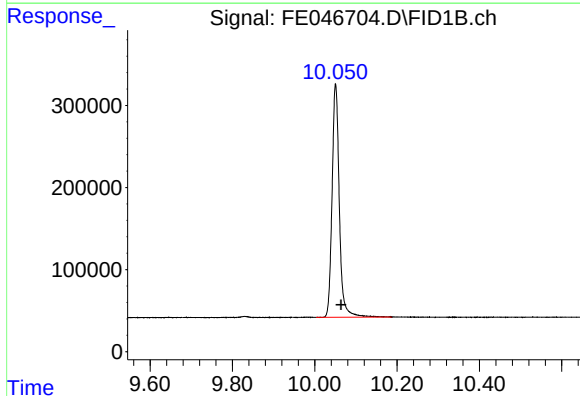
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.249 min
Delta R.T.: -0.018 min
Response: 3279881
Conc: 20.56 ug/ml



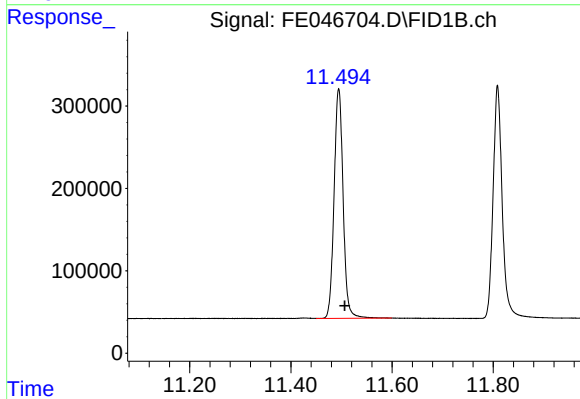
#6 n-Tetradecane (C14)

R.T.: 8.443 min
Delta R.T.: -0.011 min
Response: 3404530
Conc: 20.77 ug/ml



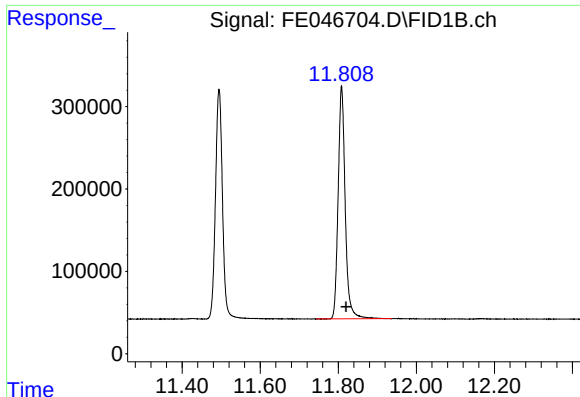
#7 n-Hexadecane (C16)

R.T.: 10.051 min
Delta R.T.: -0.013 min
Response: 3467771
Conc: 20.29 ug/ml



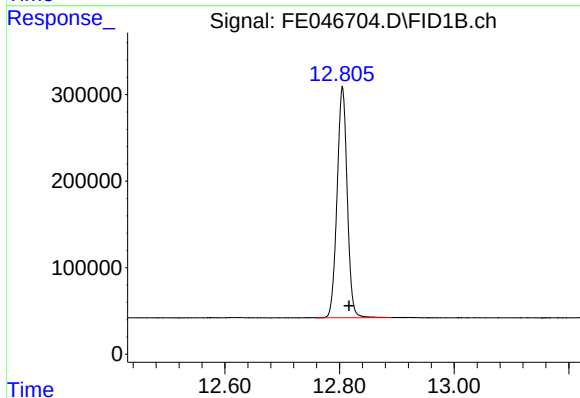
#8 n-Octadecane (C18)

R.T.: 11.495 min
Delta R.T.: -0.012 min
Response: 3462209
Conc: 19.86 ug/ml



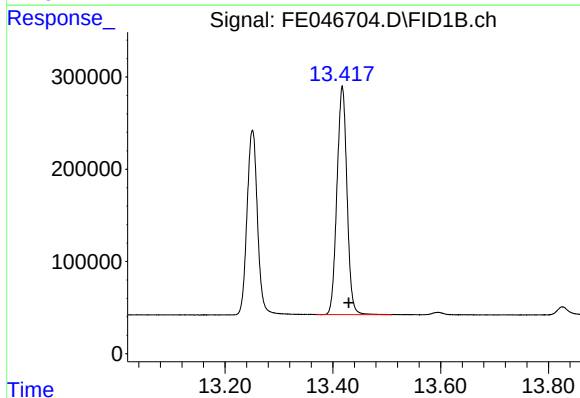
#9 ortho-Terphenyl (SURR)

R.T.: 11.809 min
Delta R.T.: -0.012 min
Response: 3553368
Conc: 19.22 ug/ml



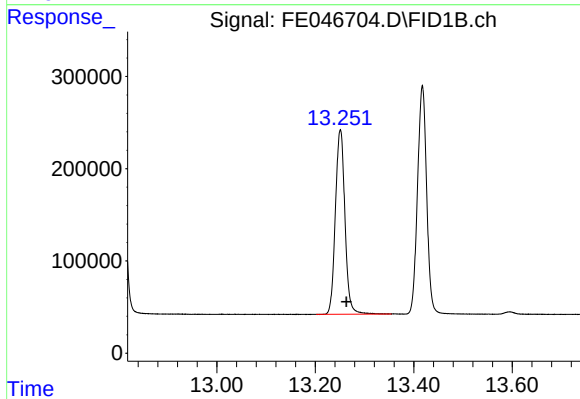
#10 n-Eicosane (C20)

R.T.: 12.805 min
Delta R.T.: -0.012 min
Response: 3277120
Conc: 19.30 ug/ml



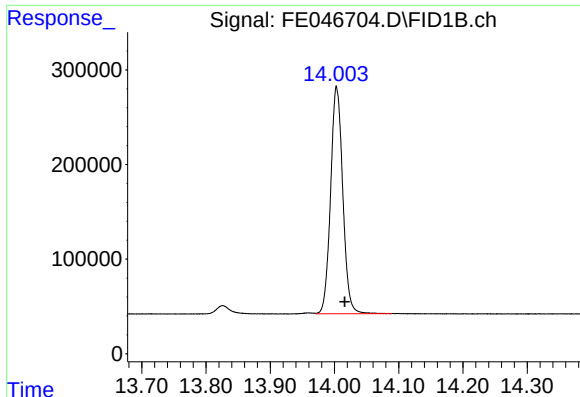
#11 n-Heneicosane (C21)

R.T.: 13.418 min
Delta R.T.: -0.012 min
Response: 3194689
Conc: 19.15 ug/ml



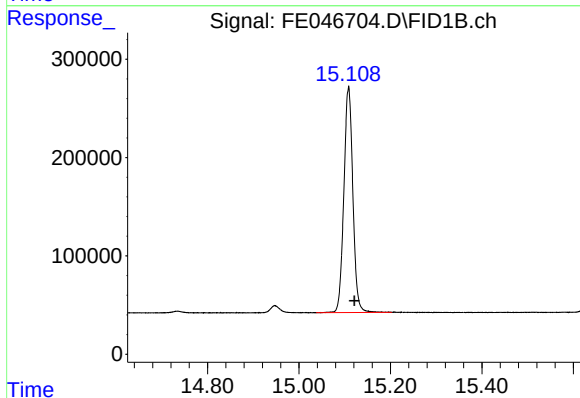
#12 1-chlorooctadecane (SURR)

R.T.: 13.251 min
Delta R.T.: -0.013 min
Response: 2692975
Conc: 18.93 ug/ml



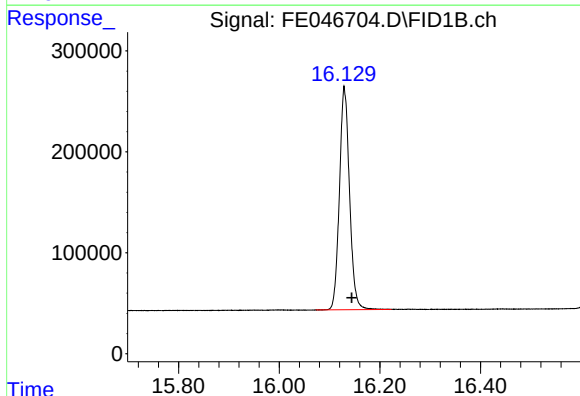
#13 n-Docosane (C22)

R.T.: 14.003 min
Delta R.T.: -0.013 min
Response: 3160233
Conc: 19.08 ug/ml



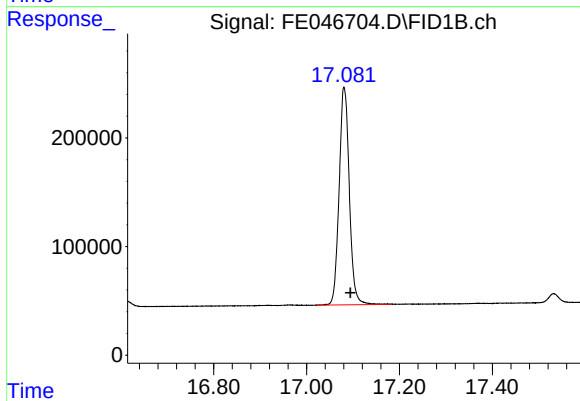
#14 n-Tetracosane (C24)

R.T.: 15.108 min
Delta R.T.: -0.013 min
Response: 3132283
Conc: 18.98 ug/ml



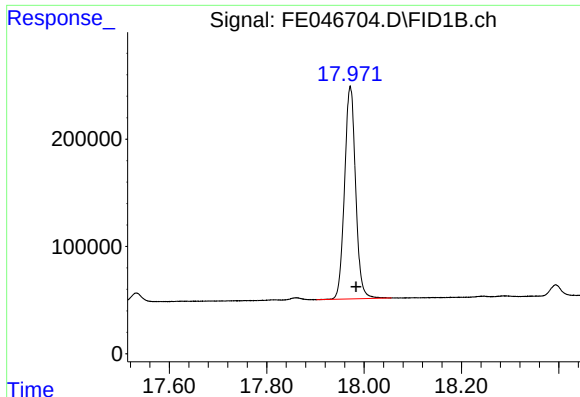
#15 n-Hexacosane (C26)

R.T.: 16.129 min
Delta R.T.: -0.015 min
Response: 3076638
Conc: 19.06 ug/ml



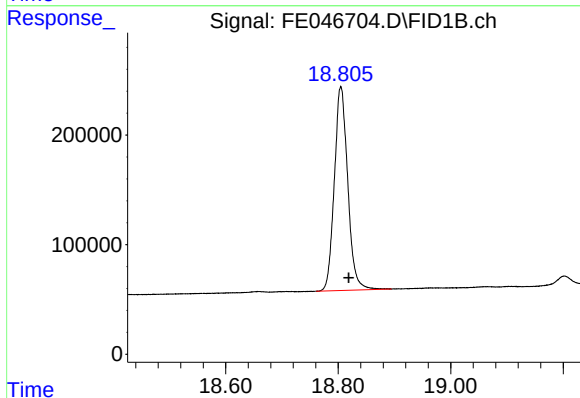
#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.014 min
Response: 3050806
Conc: 19.43 ug/ml



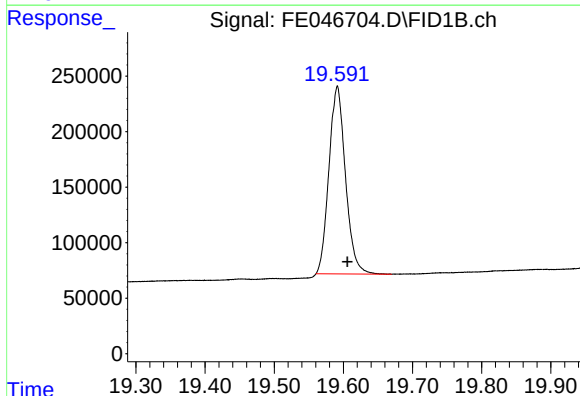
#17 n-Tricontane (C30)

R.T.: 17.972 min
Delta R.T.: -0.012 min
Response: 3125142
Conc: 19.95 ug/ml



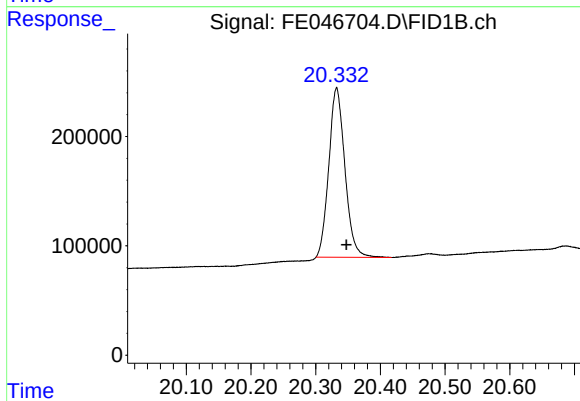
#18 n-Dotriacontane (C32)

R.T.: 18.805 min
Delta R.T.: -0.014 min
Response: 3079239
Conc: 20.37 ug/ml



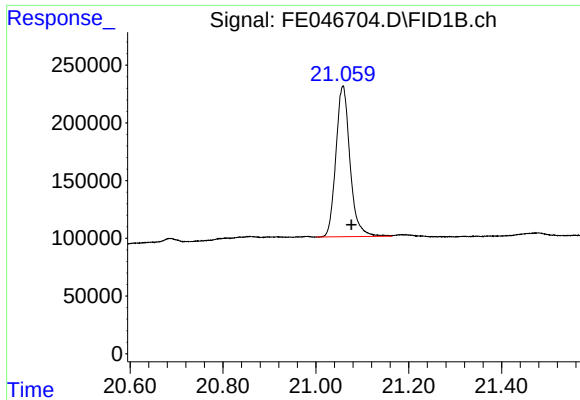
#19 n-Tetratriacontane (C34)

R.T.: 19.591 min
Delta R.T.: -0.014 min
Response: 2811034
Conc: 19.82 ug/ml



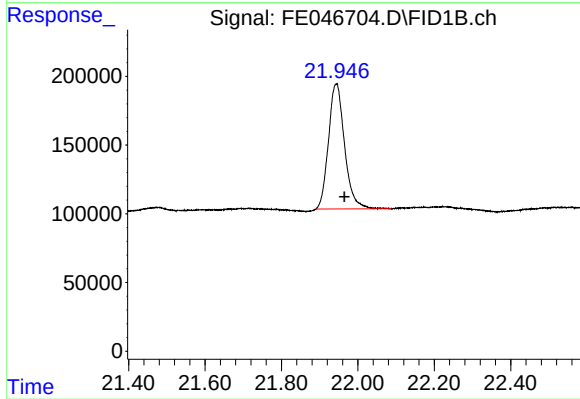
#20 n-Hexatriacontane (C36)

R.T.: 20.332 min
Delta R.T.: -0.015 min
Response: 2680887
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.018 min
Response: 2751628
Conc: 21.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: -0.020 min
Response: 2663293
Conc: 21.30 ug/ml