

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013123AL\
 Data File : FE040103.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2023 09:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 10:05:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.902	3064597	19.956 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	13.341	2320923	19.888 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
Target Compounds			
1) T n-Nonane (C9)	3.296	2589371	20.399 ug/ml
2) T n-Decane (C10)	4.545	2570523	20.699 ug/ml
3) T A~Naphthalene (C11.7)	6.248	2830211	20.069 ug/ml
4) T n-Dodecane (C12)	6.710	2605703	20.725 ug/ml
5) T A~2-methylnaphthalene...	7.343	2643658	20.184 ug/ml
6) T n-Tetradecane (C14)	8.536	2650730	20.610 ug/ml
7) T n-Hexadecane (C16)	10.144	2756688	20.434 ug/ml
8) T n-Octadecane (C18)	11.586	2825768	20.166 ug/ml
10) T n-Eicosane (C20)	12.895	2765464	19.960 ug/ml
11) T n-Heneicosane (C21)	13.507	2771195	19.859 ug/ml
13) T n-Docosane (C22)	14.094	2769525	19.953 ug/ml
14) T n-Tetracosane (C24)	15.197	2793450	20.289 ug/ml
15) T n-Hexacosane (C26)	16.219	2725593	20.422 ug/ml
16) T n-Octacosane (C28)	17.170	2720153	20.896 ug/ml
17) T n-Tricontane (C30)	18.058	2784532	21.835 ug/ml
18) T n-Dotriacontane (C32)	18.892	2796431	22.120 ug/ml
19) T n-Tetratriacontane (C34)	19.677	2641968	21.381 ug/ml
20) T n-Hexatriacontane (C36)	20.417	2421209	20.536 ug/ml
21) T n-Octatriacontane (C38)	21.150	2384818	19.954 ug/ml
22) T n-Tetracontane (C40)	22.049	2421225	19.949 ug/ml

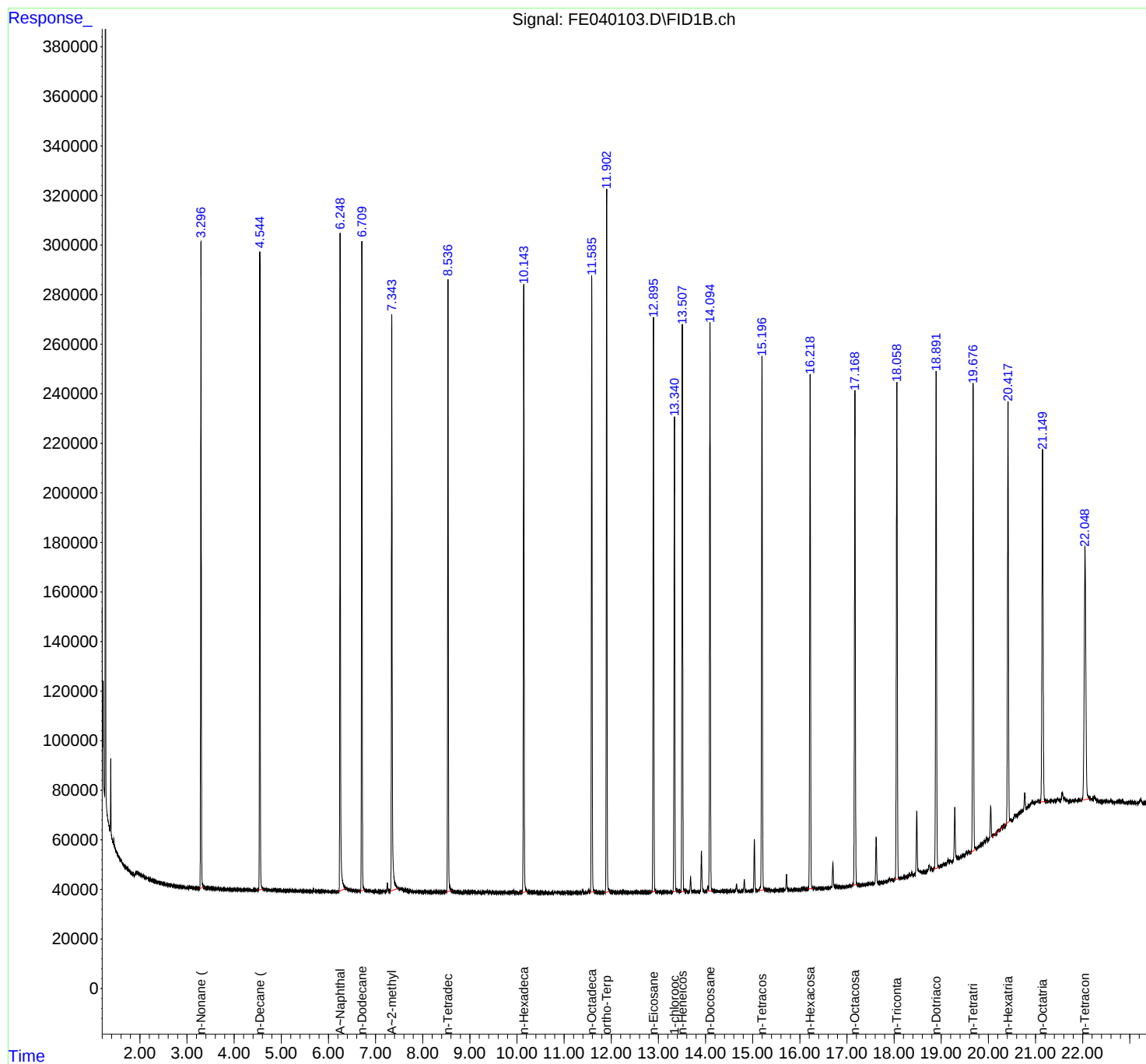
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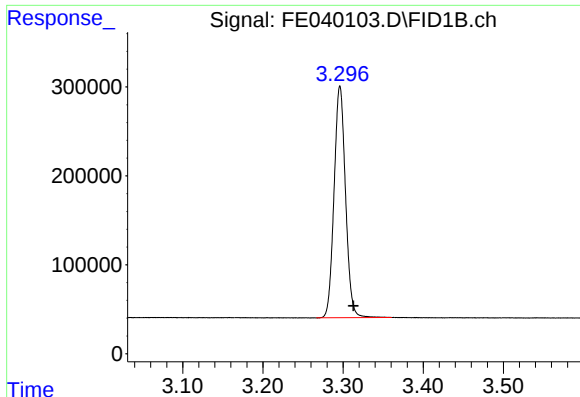
(m)=manual int.

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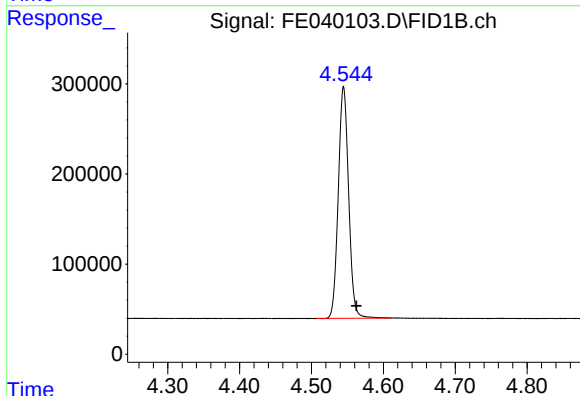
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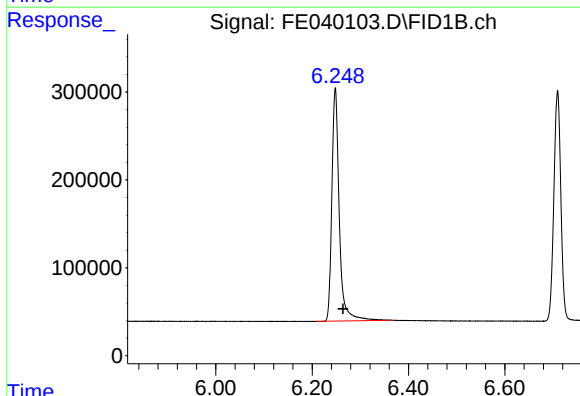
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.017 min
Response: 2589371
Conc: 20.40 ug/ml



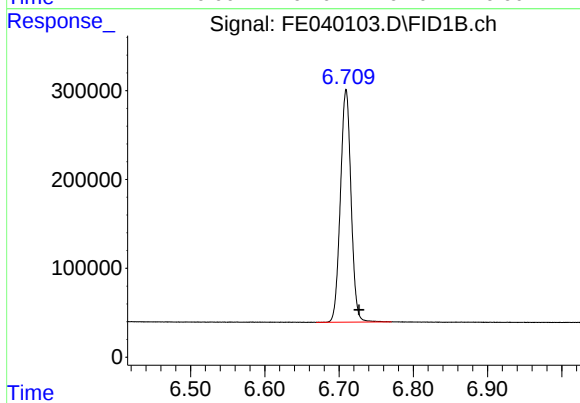
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.018 min
Response: 2570523
Conc: 20.70 ug/ml



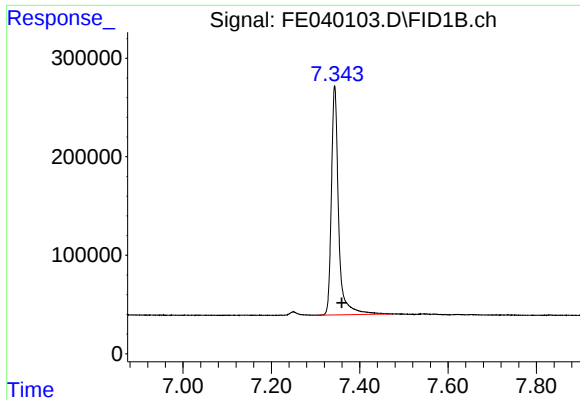
#3 A~Naphthalene (C11.7)

R.T.: 6.248 min
Delta R.T.: -0.016 min
Response: 2830211
Conc: 20.07 ug/ml



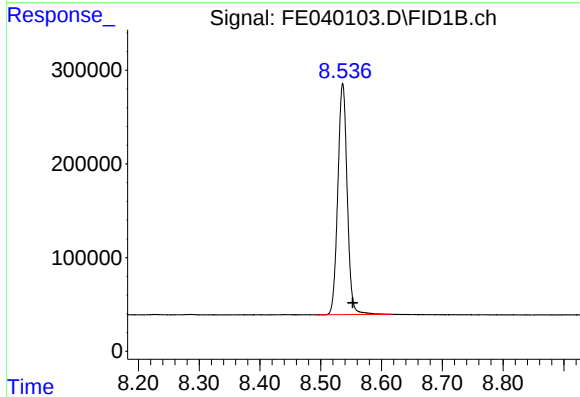
#4 n-Dodecane (C12)

R.T.: 6.710 min
Delta R.T.: -0.017 min
Response: 2605703
Conc: 20.73 ug/ml



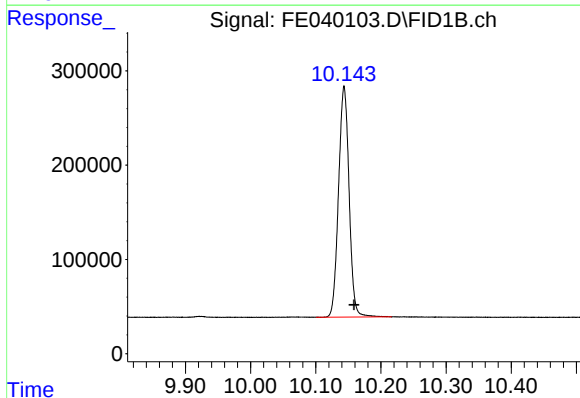
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.343 min
Delta R.T.: -0.016 min
Response: 2643658
Conc: 20.18 ug/ml



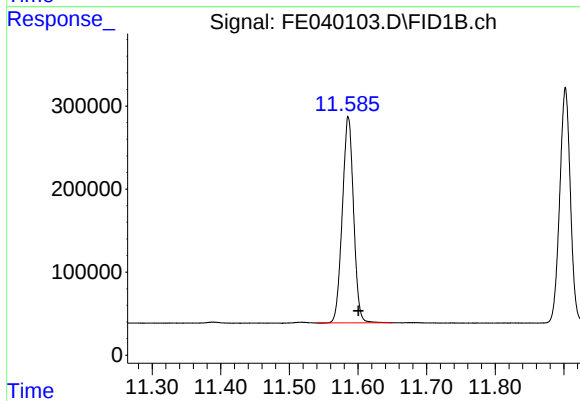
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.016 min
Response: 2650730
Conc: 20.61 ug/ml



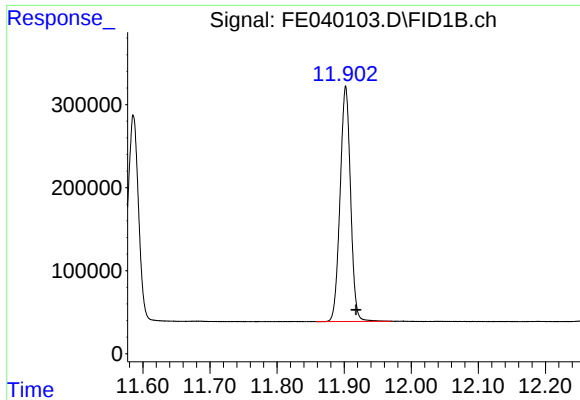
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.016 min
Response: 2756688
Conc: 20.43 ug/ml



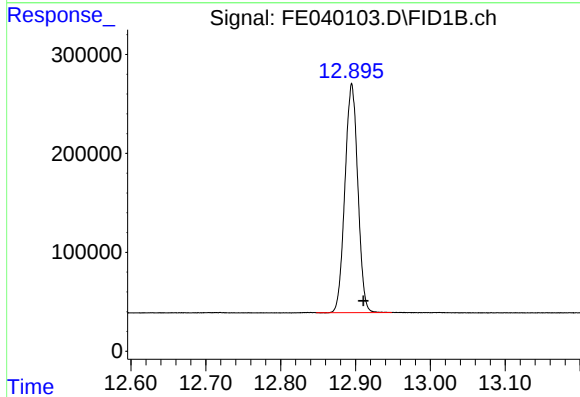
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.015 min
Response: 2825768
Conc: 20.17 ug/ml



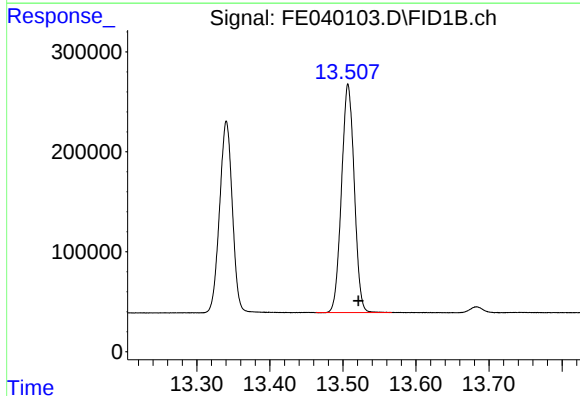
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.015 min
Response: 3064597
Conc: 19.96 ug/ml



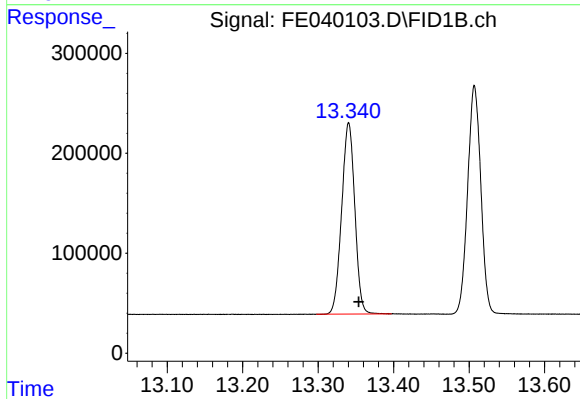
#10 n-Eicosane (C20)

R.T.: 12.895 min
Delta R.T.: -0.015 min
Response: 2765464
Conc: 19.96 ug/ml



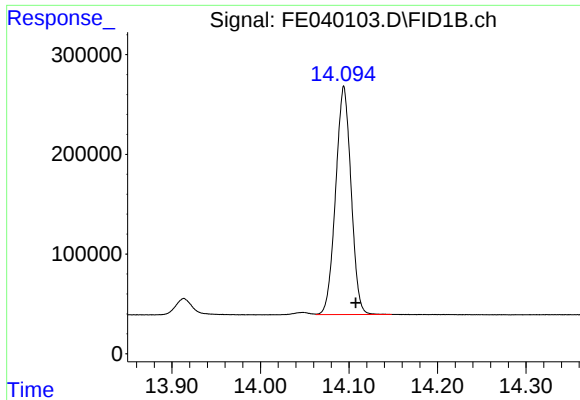
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.014 min
Response: 2771195
Conc: 19.86 ug/ml



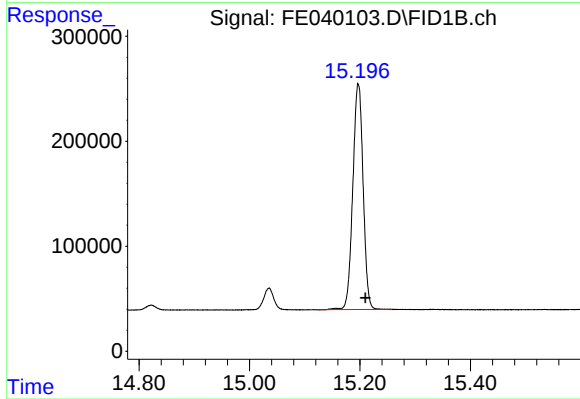
#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.014 min
Response: 2320923
Conc: 19.89 ug/ml



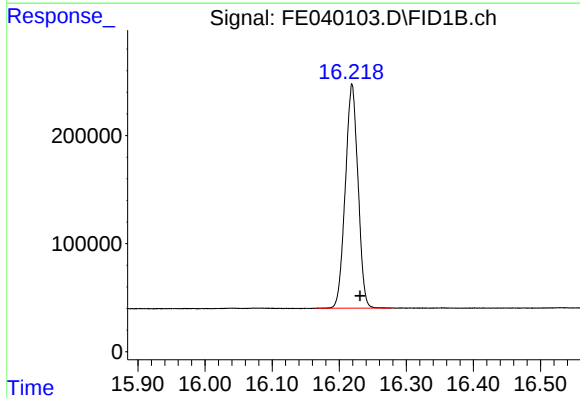
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.013 min
Response: 2769525
Conc: 19.95 ug/ml



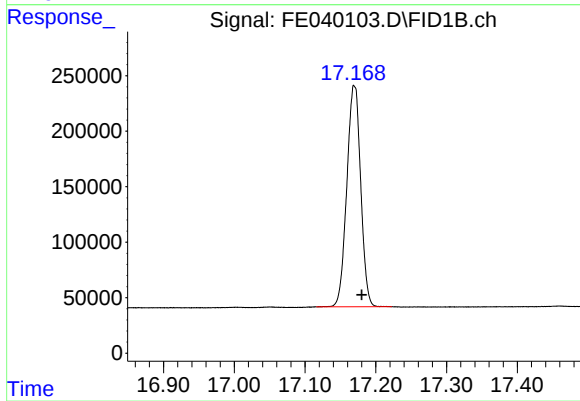
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.013 min
Response: 2793450
Conc: 20.29 ug/ml



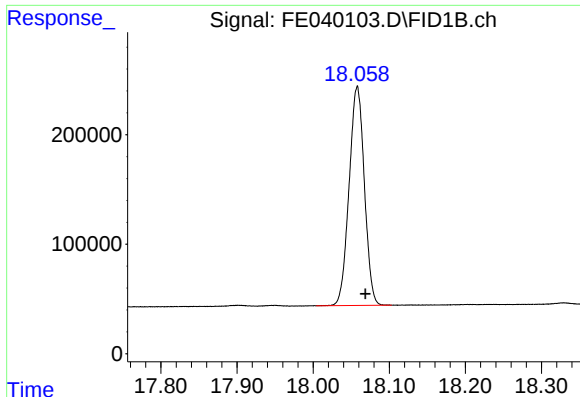
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.012 min
Response: 2725593
Conc: 20.42 ug/ml



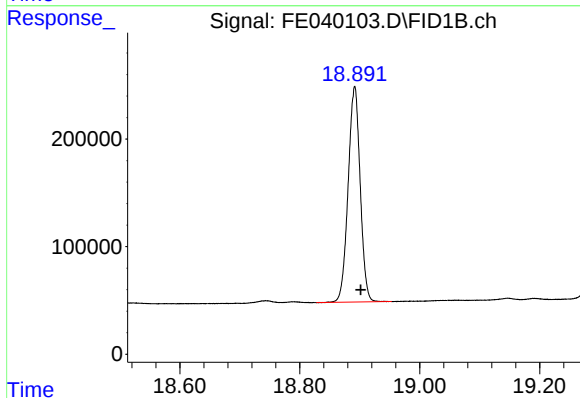
#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.011 min
Response: 2720153
Conc: 20.90 ug/ml



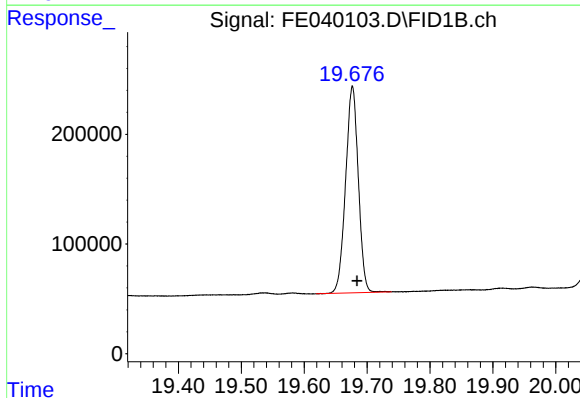
#17 n-Tricontane (C30)

R.T.: 18.058 min
Delta R.T.: -0.011 min
Response: 2784532
Conc: 21.83 ug/ml



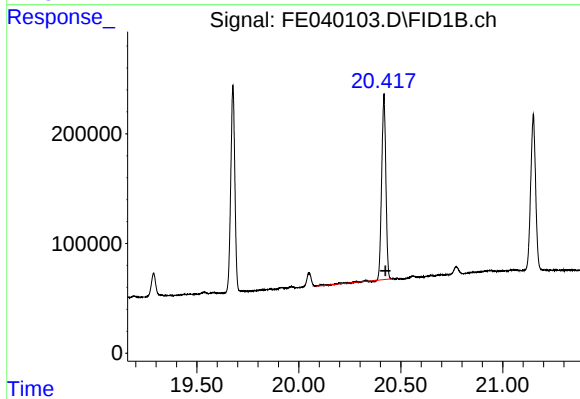
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: -0.010 min
Response: 2796431
Conc: 22.12 ug/ml



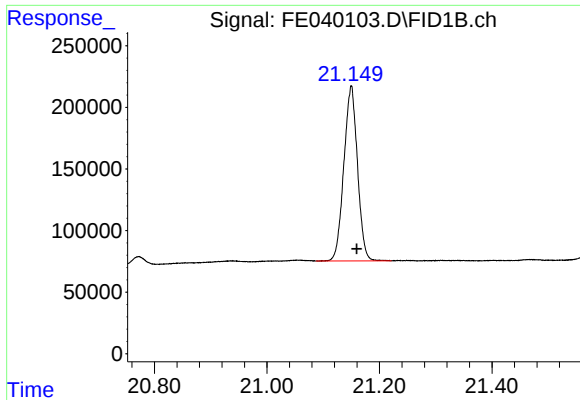
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: -0.007 min
Response: 2641968
Conc: 21.38 ug/ml



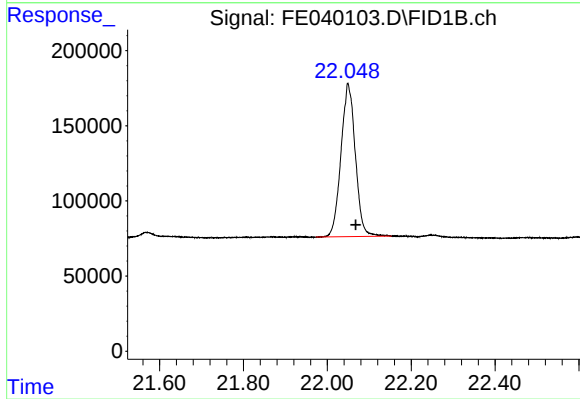
#20 n-Hexatriacontane (C36)

R.T.: 20.417 min
Delta R.T.: -0.008 min
Response: 2421209
Conc: 20.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.150 min
Delta R.T.: -0.009 min
Response: 2384818
Conc: 19.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.049 min
Delta R.T.: -0.019 min
Response: 2421225
Conc: 19.95 ug/ml