

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022723AL\
 Data File : FE040565.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2023 11:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 01:45:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022523.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 25 05:09:21 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)	11.878	3591689	20.609 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
12) S 1-chlorooctadecane (S...	13.316	2836964	21.878 ug/ml
Spiked Amount 50.000		Recovery =	43.76%
Target Compounds			
1) T n-Nonane (C9)	3.276	2984646	20.534 ug/ml
2) T n-Decane (C10)	4.523	2928553	20.783 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3277935	21.249 ug/ml
4) T n-Dodecane (C12)	6.687	2973934	20.825 ug/ml
5) T A~2-methylnaphthalene...	7.320	3054922	21.772 ug/ml
6) T n-Tetradecane (C14)	8.513	2998703	20.731 ug/ml
7) T n-Hexadecane (C16)	10.120	3136855	20.891 ug/ml
8) T n-Octadecane (C18)	11.563	3263213	20.851 ug/ml
10) T n-Eicosane (C20)	12.872	3244312	20.941 ug/ml
11) T n-Heneicosane (C21)	13.484	3279800	20.955 ug/ml
13) T n-Docosane (C22)	14.070	3278793	21.054 ug/ml
14) T n-Tetracosane (C24)	15.174	3300644	21.363 ug/ml
15) T n-Hexacosane (C26)	16.195	3257087	21.621 ug/ml
16) T n-Octacosane (C28)	17.146	3216201	21.745 ug/ml
17) T n-Tricontane (C30)	18.035	3124994	21.795 ug/ml
18) T n-Dotriacontane (C32)	18.867	3062167	21.650 ug/ml
19) T n-Tetratriacontane (C34)	19.653	2943083	21.155 ug/ml
20) T n-Hexatriacontane (C36)	20.393	2860168	20.761 ug/ml
21) T n-Octatriacontane (C38)	21.123	2617895	19.533 ug/ml
22) T n-Tetracontane (C40)	22.014	2547536	18.580 ug/ml

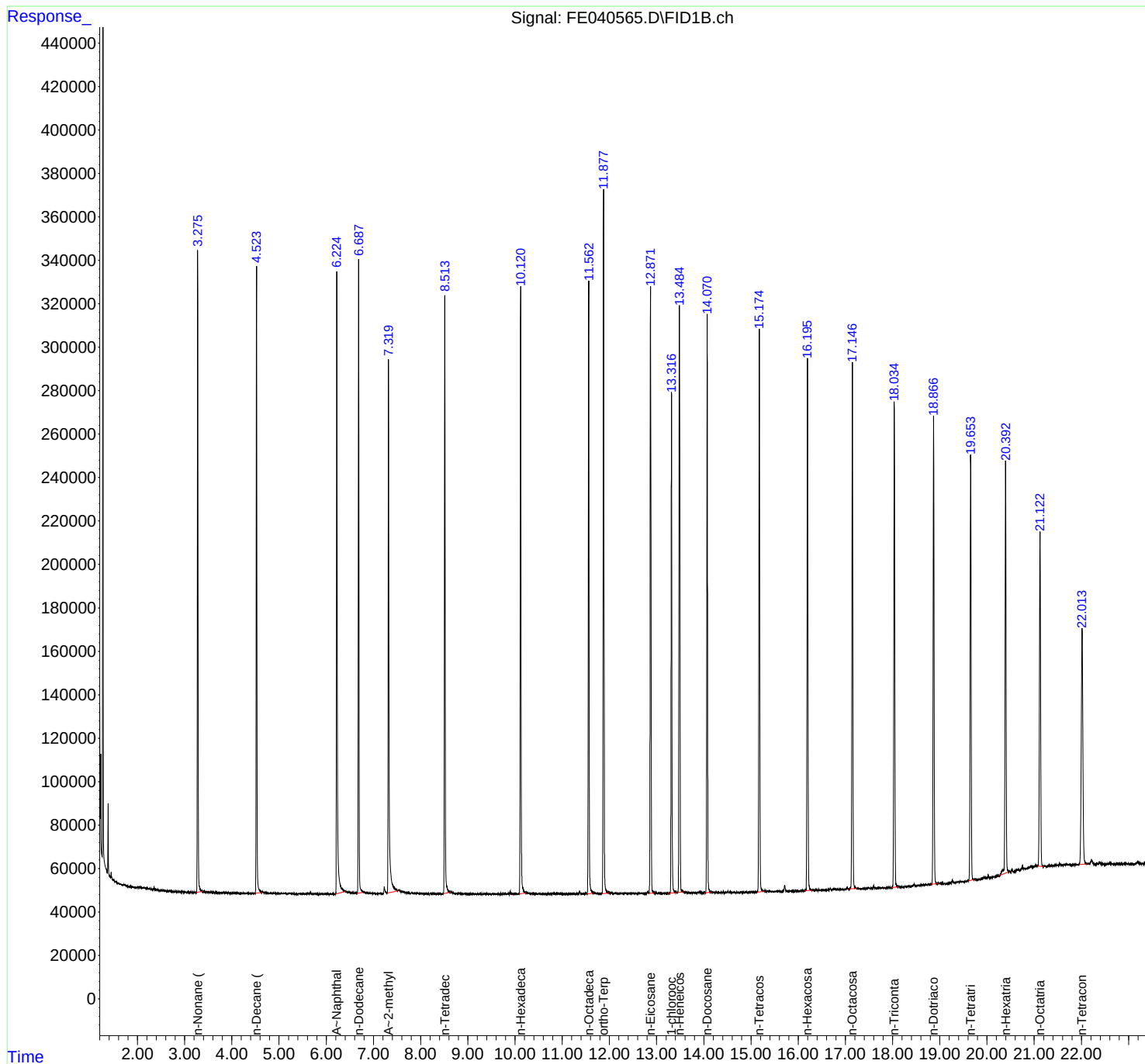
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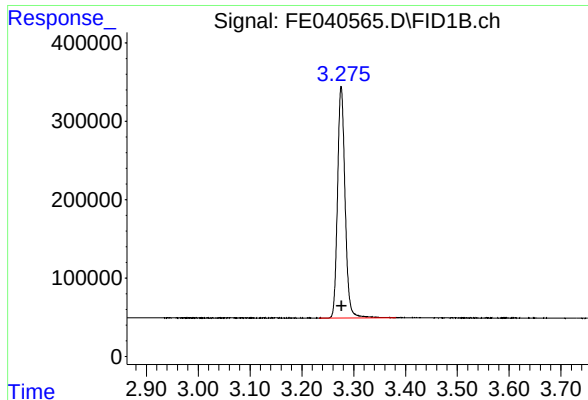
(m)=manual int.

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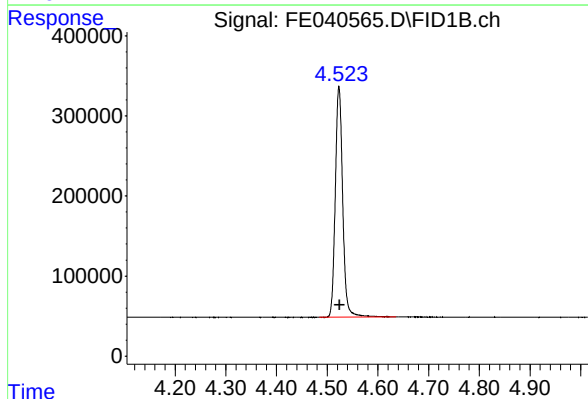
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Signal Info : 20M x 0.18mm x 0.18um





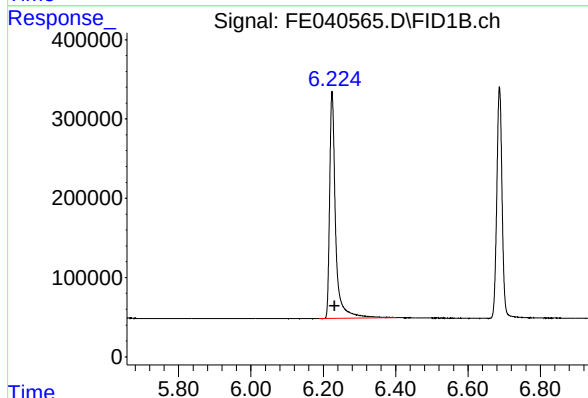
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 2984646
Conc: 20.53 ug/ml



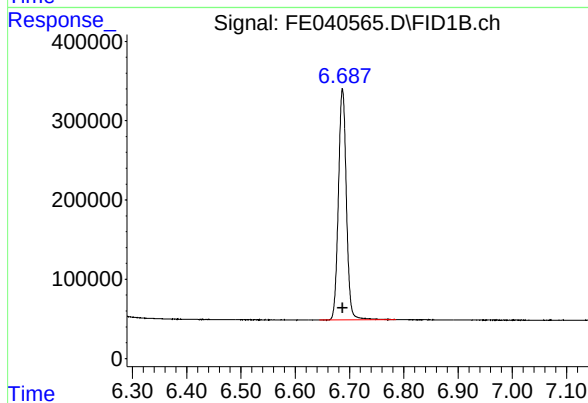
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 2928553
Conc: 20.78 ug/ml



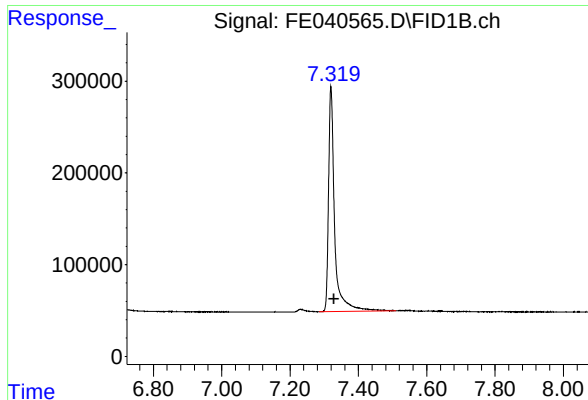
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.008 min
Response: 3277935
Conc: 21.25 ug/ml



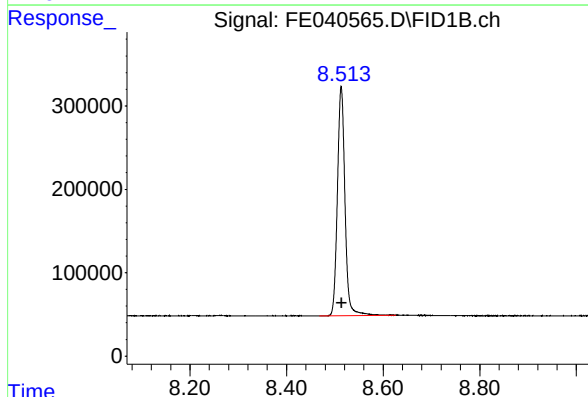
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 2973934
Conc: 20.83 ug/ml



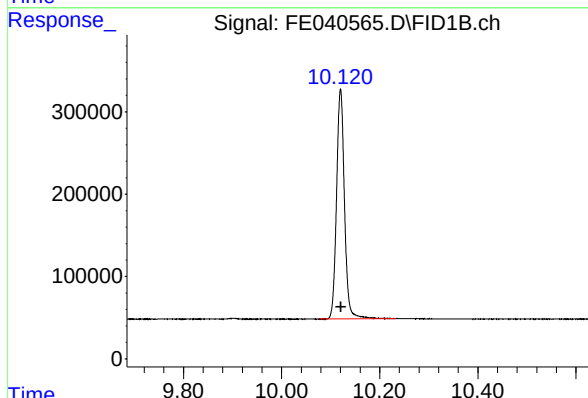
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: -0.009 min
Response: 3054922
Conc: 21.77 ug/ml



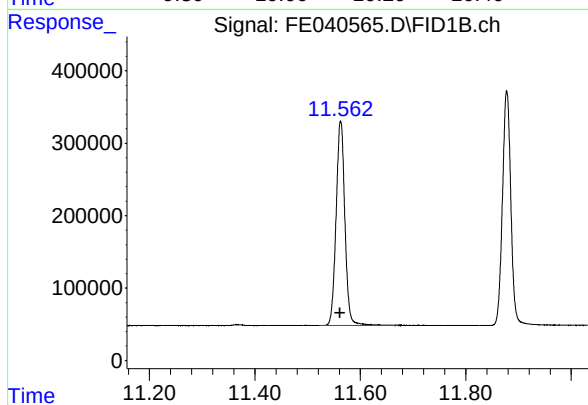
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.000 min
Response: 2998703
Conc: 20.73 ug/ml



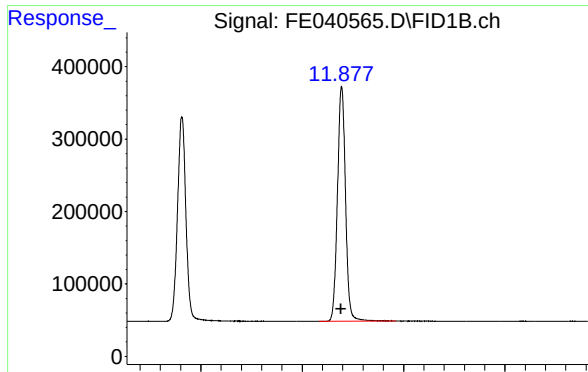
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: 0.000 min
Response: 3136855
Conc: 20.89 ug/ml



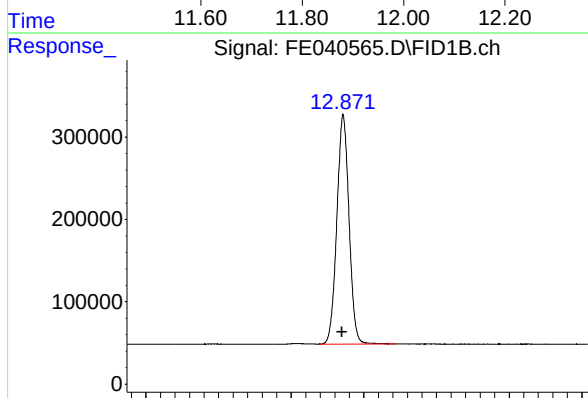
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: 0.001 min
Response: 3263213
Conc: 20.85 ug/ml



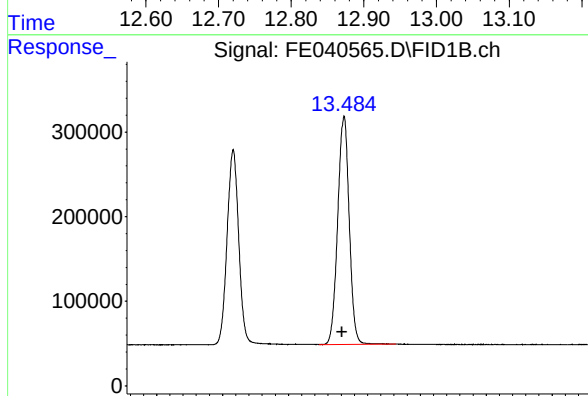
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: 0.002 min
Response: 3591689
Conc: 20.61 ug/ml



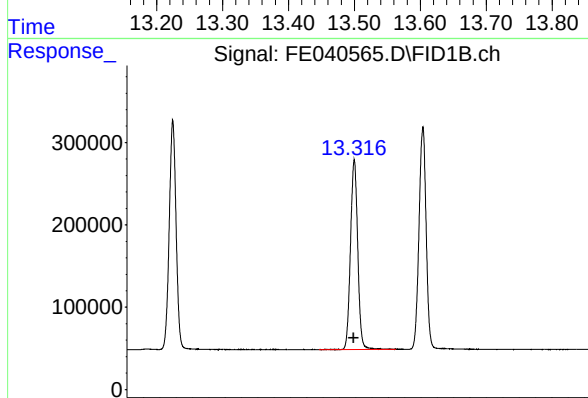
#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: 0.001 min
Response: 3244312
Conc: 20.94 ug/ml



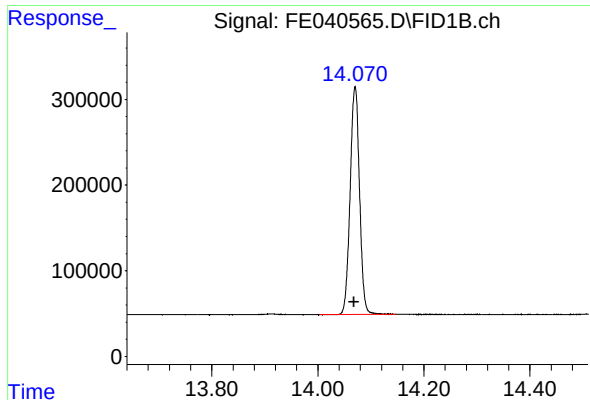
#11 n-Heneicosane (C21)

R.T.: 13.484 min
Delta R.T.: 0.003 min
Response: 3279800
Conc: 20.95 ug/ml



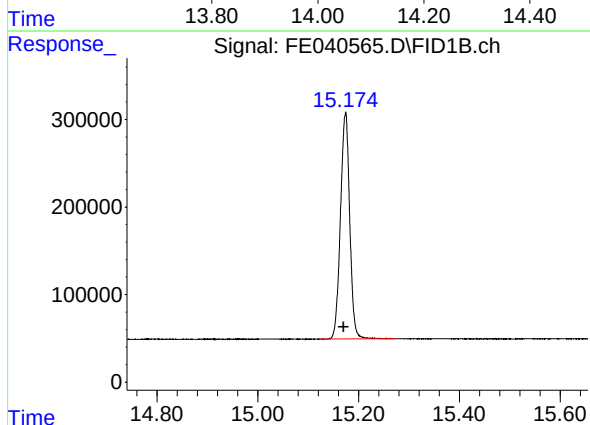
#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: 0.002 min
Response: 2836964
Conc: 21.88 ug/ml



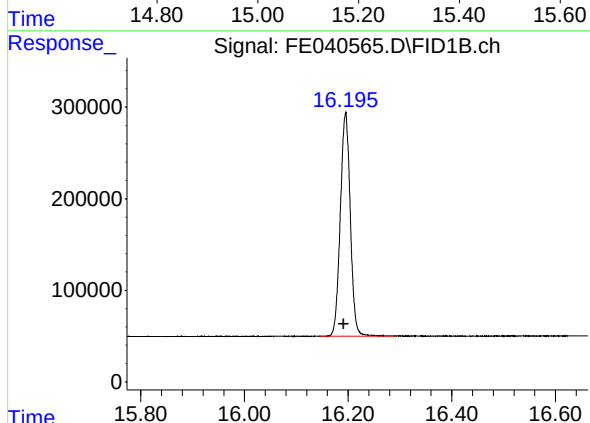
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.002 min
Response: 3278793
Conc: 21.05 ug/ml



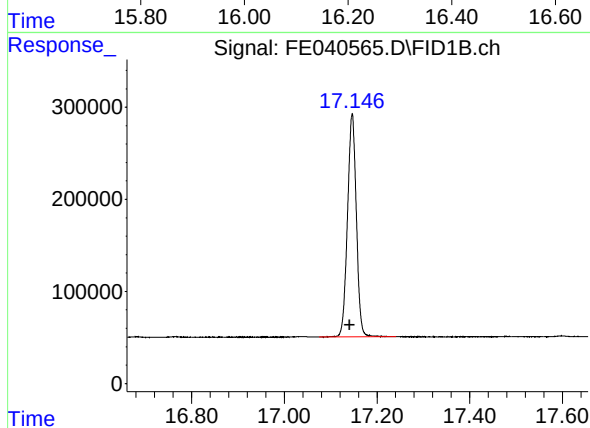
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: 0.004 min
Response: 3300644
Conc: 21.36 ug/ml



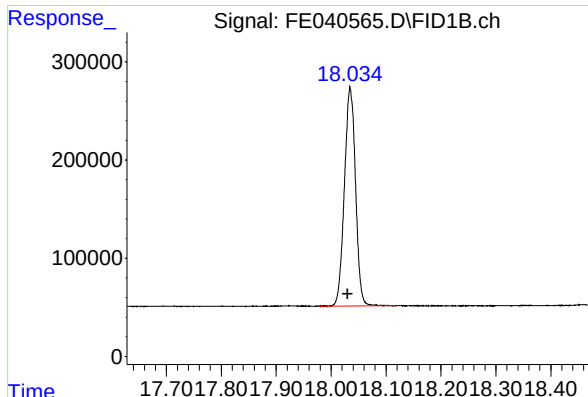
#15 n-Hexacosane (C26)

R.T.: 16.195 min
Delta R.T.: 0.003 min
Response: 3257087
Conc: 21.62 ug/ml



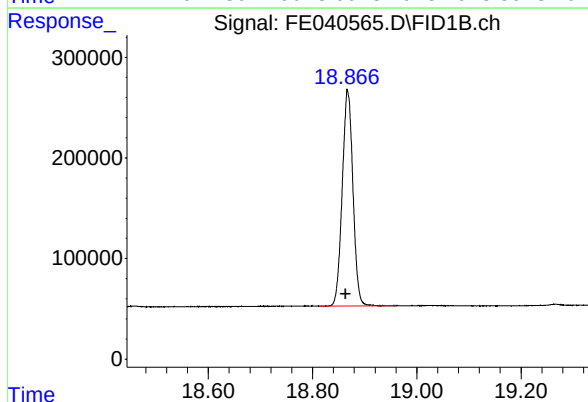
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: 0.005 min
Response: 3216201
Conc: 21.75 ug/ml



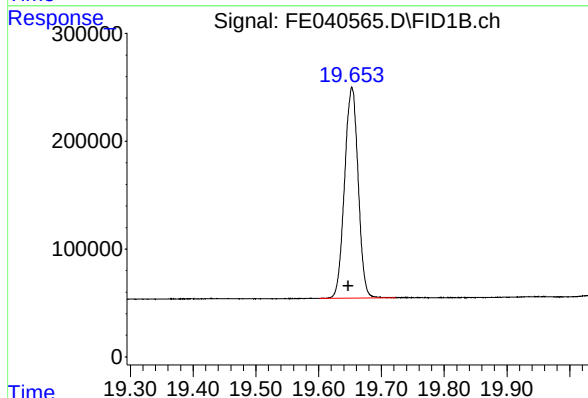
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.005 min
Response: 3124994
Conc: 21.80 ug/ml



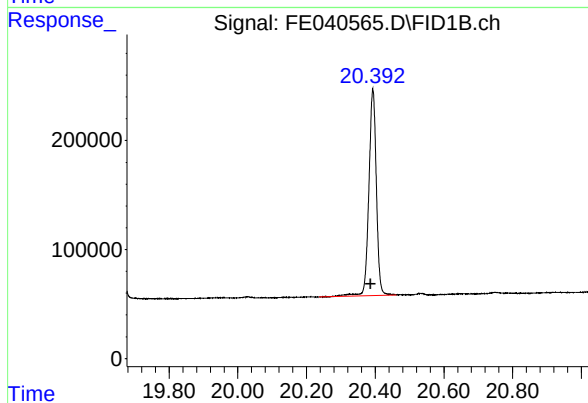
#18 n-Dotriacontane (C32)

R.T.: 18.867 min
Delta R.T.: 0.004 min
Response: 3062167
Conc: 21.65 ug/ml



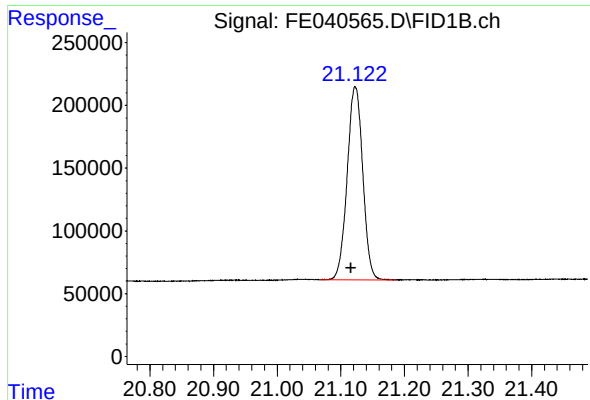
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: 0.006 min
Response: 2943083
Conc: 21.16 ug/ml



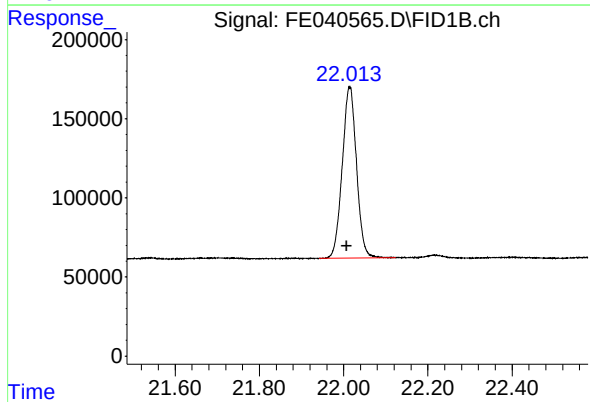
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.007 min
Response: 2860168
Conc: 20.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.007 min
Response: 2617895
Conc: 19.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: 0.006 min
Response: 2547536
Conc: 18.58 ug/ml