

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022724AL\
 Data File : FE046958.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2024 04:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 05:28:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.792	3403109	20.713 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
12) S 1-chlorooctadecane (S...	13.234	2592204	21.058 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
Target Compounds			
1) T n-Nonane (C9)	3.183	3210835	21.056 ug/ml
2) T n-Decane (C10)	4.434	3285235	21.211 ug/ml
3) T A~Naphthalene (C11.7)	6.140	3322067	21.092 ug/ml
4) T n-Dodecane (C12)	6.602	3315300	21.322 ug/ml
5) T A~2-methylnaphthalene...	7.237	3021172	21.068 ug/ml
6) T n-Tetradecane (C14)	8.429	3269007	21.200 ug/ml
7) T n-Hexadecane (C16)	10.036	3340975	21.057 ug/ml
8) T n-Octadecane (C18)	11.479	3348185	21.003 ug/ml
10) T n-Eicosane (C20)	12.788	3167050	20.923 ug/ml
11) T n-Heneicosane (C21)	13.401	3073819	20.758 ug/ml
13) T n-Docosane (C22)	13.987	3047464	20.946 ug/ml
14) T n-Tetracosane (C24)	15.091	2991615	20.947 ug/ml
15) T n-Hexacosane (C26)	16.113	2936105	21.011 ug/ml
16) T n-Octacosane (C28)	17.063	2882066	21.154 ug/ml
17) T n-Tricontane (C30)	17.952	2988326	21.419 ug/ml
18) T n-Dotriacontane (C32)	18.785	3007278	21.855 ug/ml
19) T n-Tetratriacontane (C34)	19.569	2902137	21.604 ug/ml
20) T n-Hexatriacontane (C36)	20.310	2953827	22.182 ug/ml
21) T n-Octatriacontane (C38)	21.032	2969070	21.548 ug/ml
22) T n-Tetracontane (C40)	21.906	3263764	23.132 ug/ml

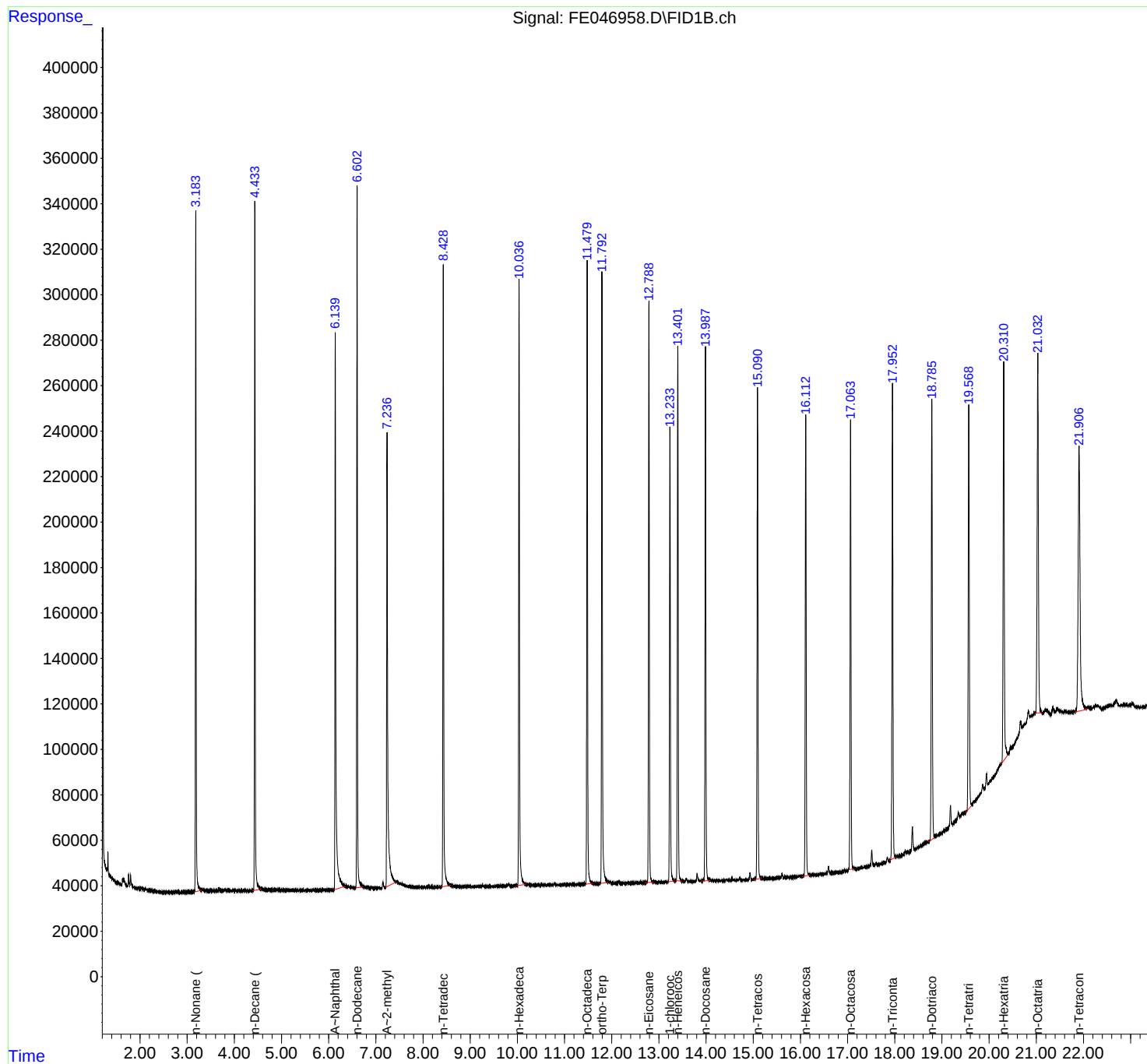
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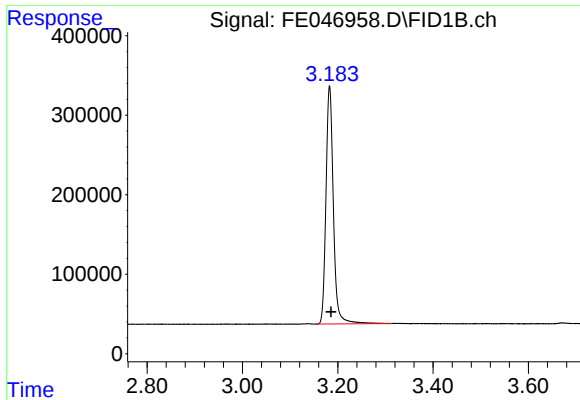
(m)=manual int.

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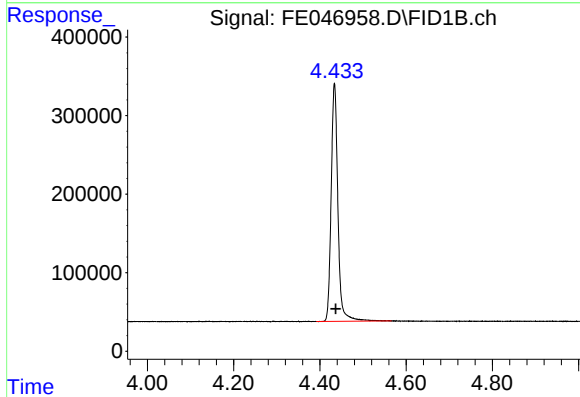
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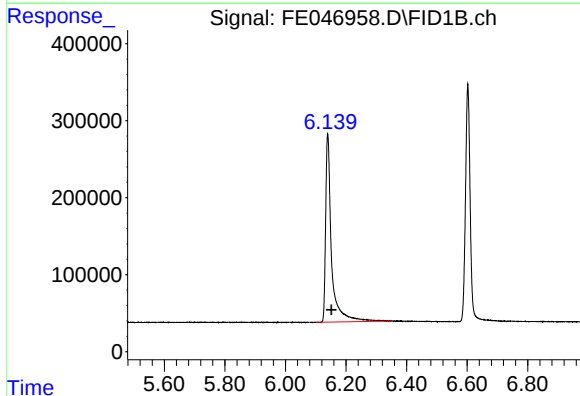
#1 n-Nonane (C9)

R.T.: 3.183 min
Delta R.T.: -0.003 min
Response: 3210835
Conc: 21.06 ug/ml



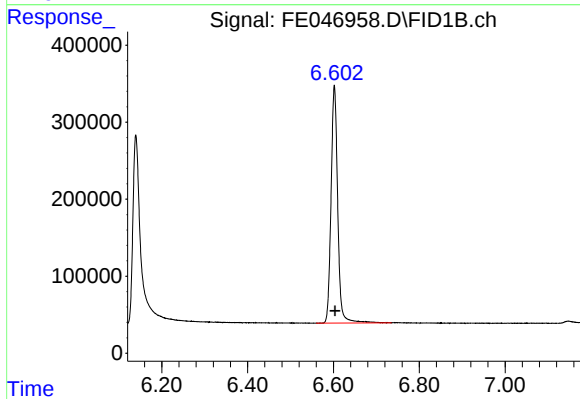
#2 n-Decane (C10)

R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 3285235
Conc: 21.21 ug/ml



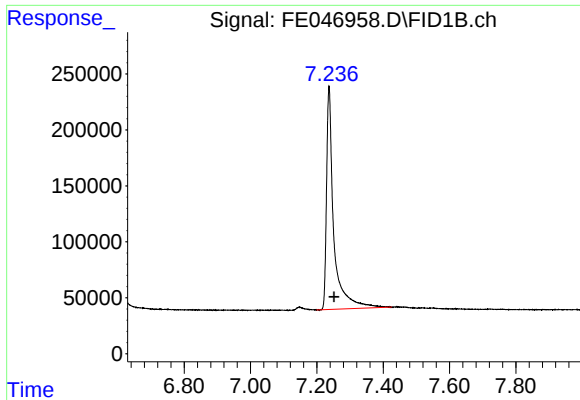
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.012 min
Response: 3322067
Conc: 21.09 ug/ml



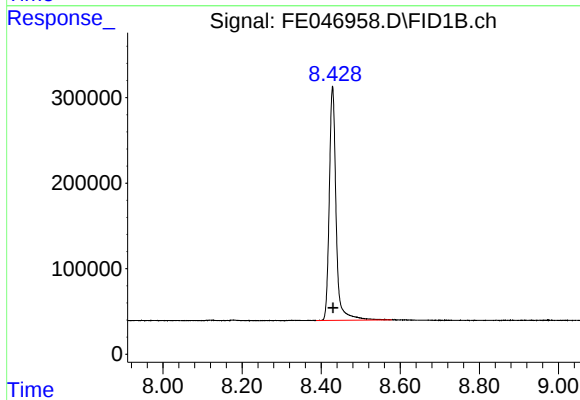
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 3315300
Conc: 21.32 ug/ml



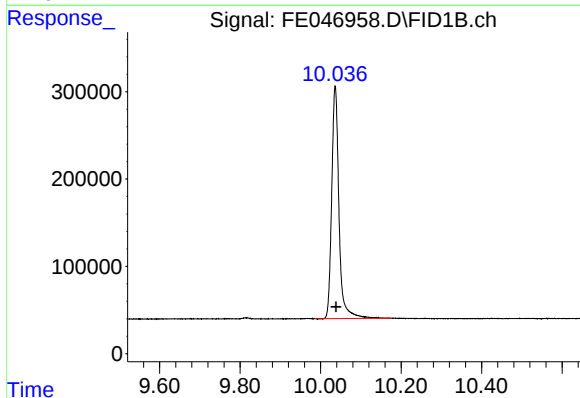
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min
Delta R.T.: -0.016 min
Response: 3021172
Conc: 21.07 ug/ml



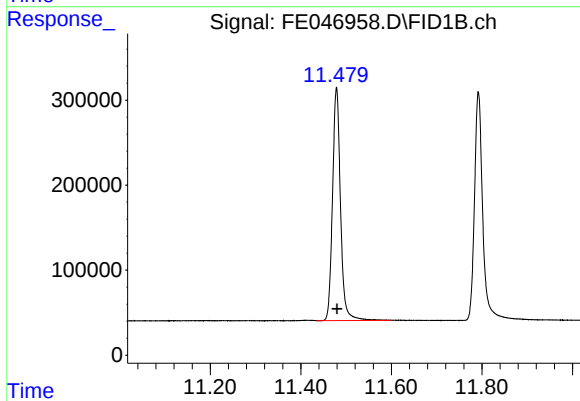
#6 n-Tetradecane (C14)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 3269007
Conc: 21.20 ug/ml



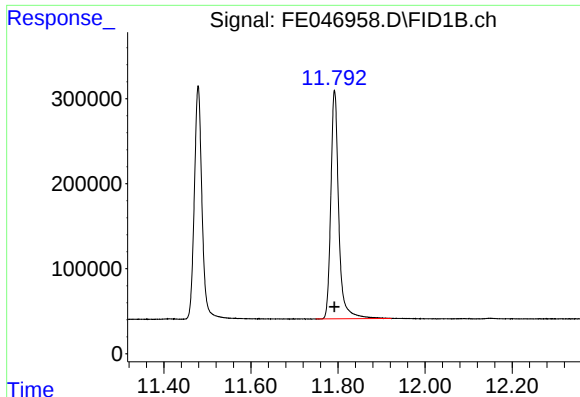
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.002 min
Response: 3340975
Conc: 21.06 ug/ml



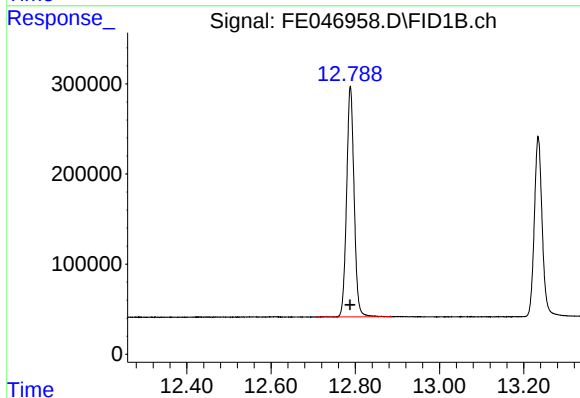
#8 n-Octadecane (C18)

R.T.: 11.479 min
Delta R.T.: -0.001 min
Response: 3348185
Conc: 21.00 ug/ml



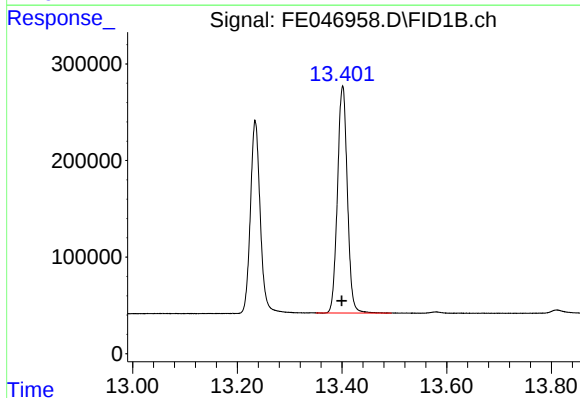
#9 ortho-Terphenyl (SURR)

R.T.: 11.792 min
Delta R.T.: 0.000 min
Response: 3403109
Conc: 20.71 ug/ml



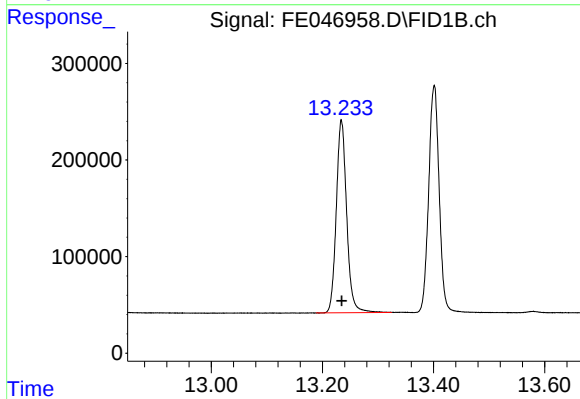
#10 n-Eicosane (C20)

R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 3167050
Conc: 20.92 ug/ml



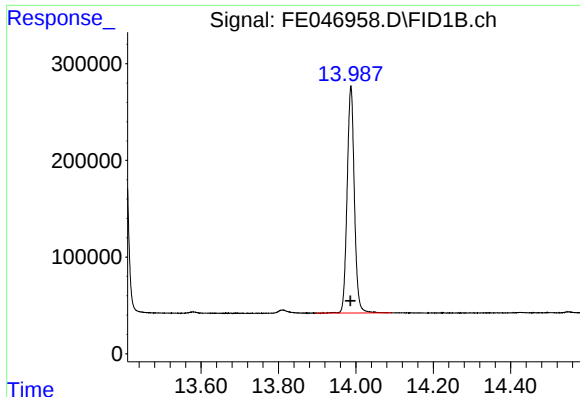
#11 n-Heneicosane (C21)

R.T.: 13.401 min
Delta R.T.: 0.002 min
Response: 3073819
Conc: 20.76 ug/ml



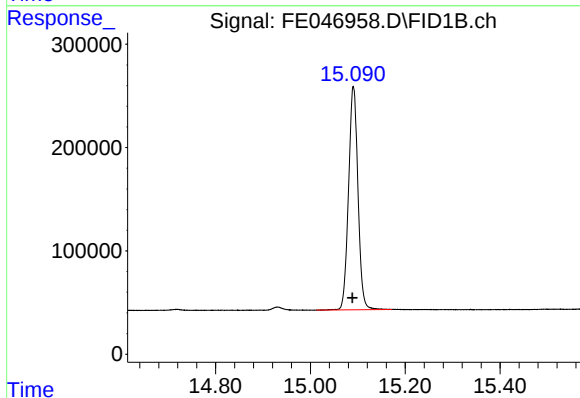
#12 1-chlorooctadecane (SURR)

R.T.: 13.234 min
Delta R.T.: 0.000 min
Response: 2592204
Conc: 21.06 ug/ml



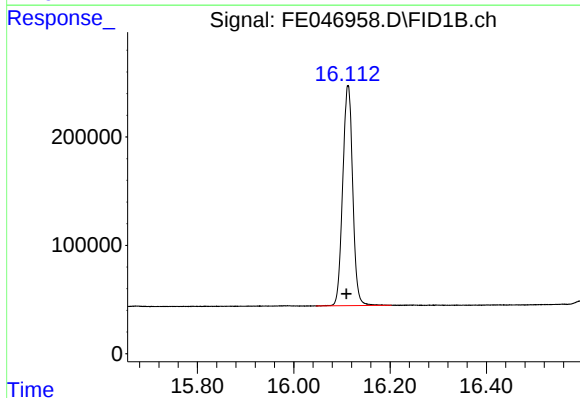
#13 n-Docosane (C22)

R.T.: 13.987 min
Delta R.T.: 0.001 min
Response: 3047464
Conc: 20.95 ug/ml



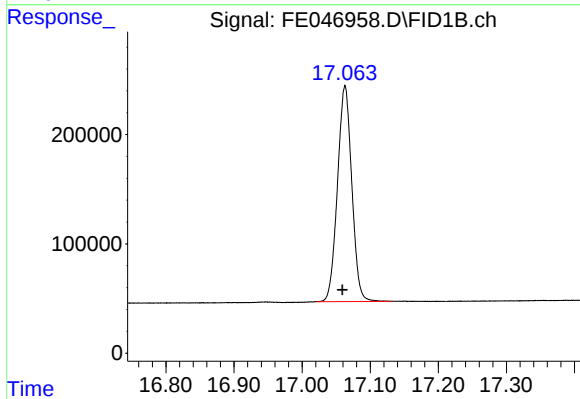
#14 n-Tetracosane (C24)

R.T.: 15.091 min
Delta R.T.: 0.002 min
Response: 2991615
Conc: 20.95 ug/ml



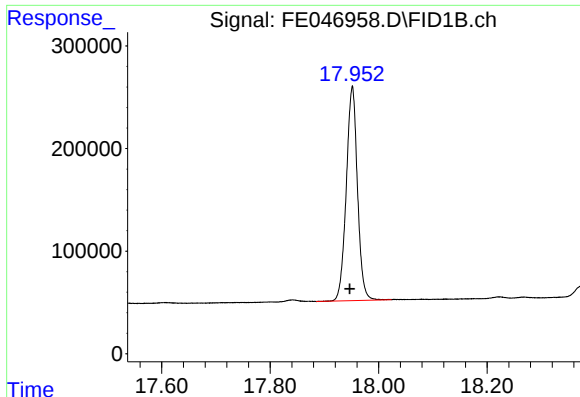
#15 n-Hexacosane (C26)

R.T.: 16.113 min
Delta R.T.: 0.004 min
Response: 2936105
Conc: 21.01 ug/ml



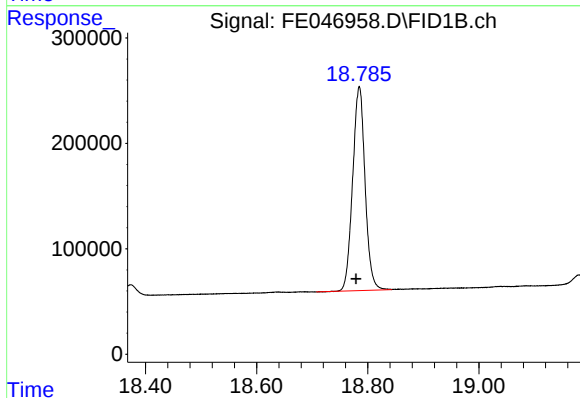
#16 n-Octacosane (C28)

R.T.: 17.063 min
Delta R.T.: 0.004 min
Response: 2882066
Conc: 21.15 ug/ml



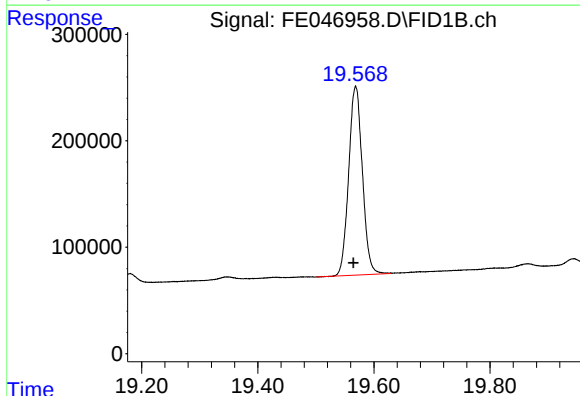
#17 n-Tricontane (C30)

R.T.: 17.952 min
Delta R.T.: 0.005 min
Response: 2988326
Conc: 21.42 ug/ml



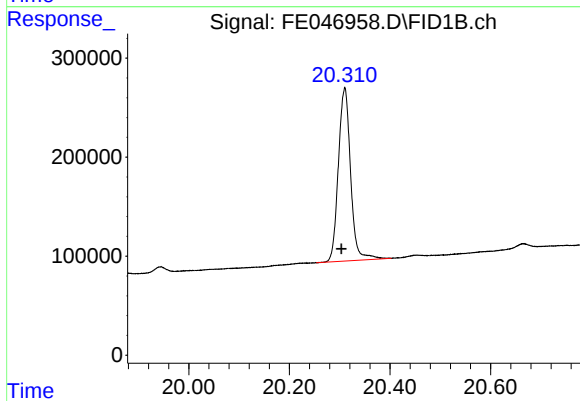
#18 n-Dotriacontane (C32)

R.T.: 18.785 min
Delta R.T.: 0.006 min
Response: 3007278
Conc: 21.85 ug/ml



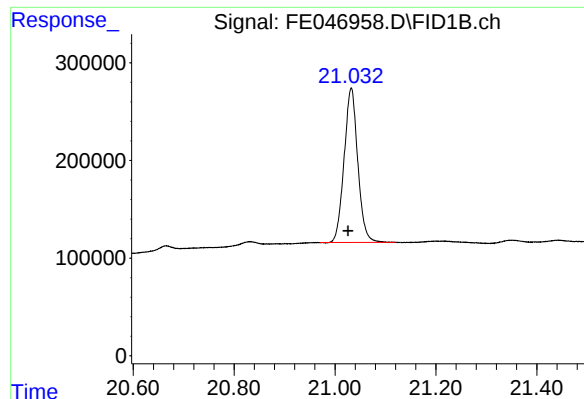
#19 n-Tetratriacontane (C34)

R.T.: 19.569 min
Delta R.T.: 0.004 min
Response: 2902137
Conc: 21.60 ug/ml



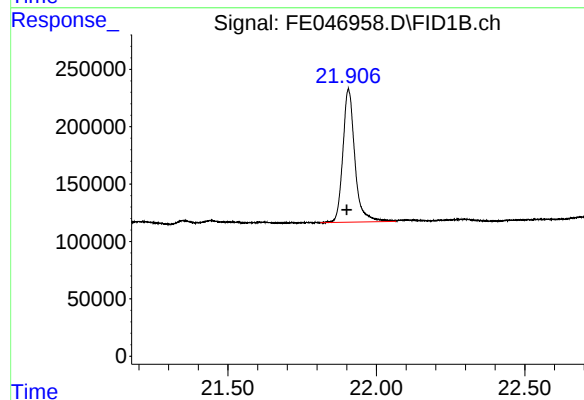
#20 n-Hexatriacontane (C36)

R.T.: 20.310 min
Delta R.T.: 0.007 min
Response: 2953827
Conc: 22.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.032 min
Delta R.T.: 0.007 min
Response: 2969070
Conc: 21.55 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: 0.006 min
Response: 3263764
Conc: 23.13 ug/ml