

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022024AL\
 Data File : FE046858.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2024 11:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 11:42:09 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)	11.791	3277502	19.949 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.233	2494033	20.260 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
Target Compounds			
1) T n-Nonane (C9)	3.186	3065324	20.102 ug/ml
2) T n-Decane (C10)	4.436	3120834	20.150 ug/ml
3) T A~Naphthalene (C11.7)	6.141	3129042	19.867 ug/ml
4) T n-Dodecane (C12)	6.604	3134603	20.160 ug/ml
5) T A~2-methylnaphthalene...	7.238	2861301	19.953 ug/ml
6) T n-Tetradecane (C14)	8.429	3108574	20.159 ug/ml
7) T n-Hexadecane (C16)	10.036	3190158	20.106 ug/ml
8) T n-Octadecane (C18)	11.478	3204838	20.103 ug/ml
10) T n-Eicosane (C20)	12.787	3037629	20.068 ug/ml
11) T n-Heneicosane (C21)	13.399	2972296	20.072 ug/ml
13) T n-Docosane (C22)	13.985	2923792	20.096 ug/ml
14) T n-Tetracosane (C24)	15.088	2862040	20.040 ug/ml
15) T n-Hexacosane (C26)	16.109	2797785	20.021 ug/ml
16) T n-Octacosane (C28)	17.058	2720359	19.967 ug/ml
17) T n-Tricontane (C30)	17.946	2792301	20.014 ug/ml
18) T n-Dotriacontane (C32)	18.779	2742103	19.928 ug/ml
19) T n-Tetratriacontane (C34)	19.564	2695575	20.066 ug/ml
20) T n-Hexatriacontane (C36)	20.305	2682104	20.142 ug/ml
21) T n-Octatriacontane (C38)	21.027	2742851	19.907 ug/ml
22) T n-Tetracontane (C40)	21.898	2839035	20.122 ug/ml

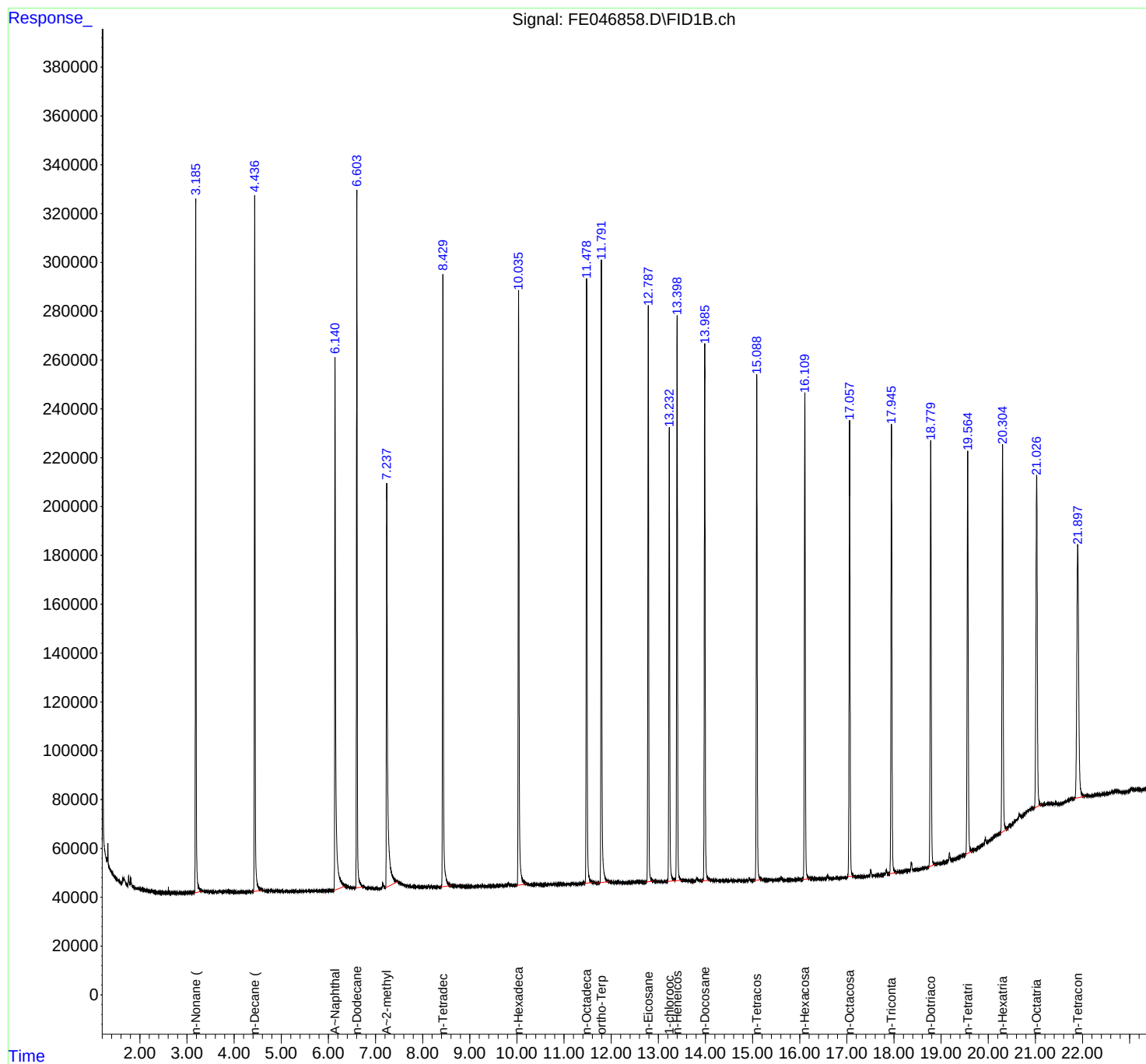
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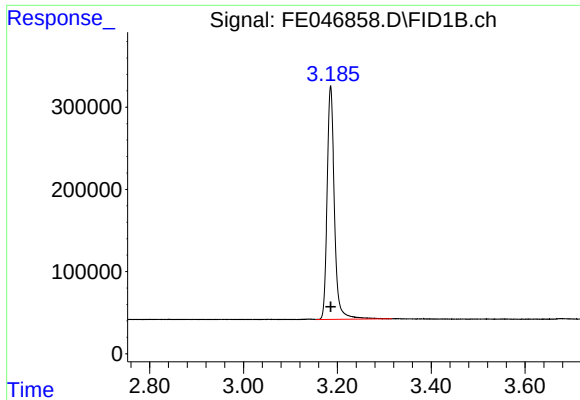
(m)=manual int.

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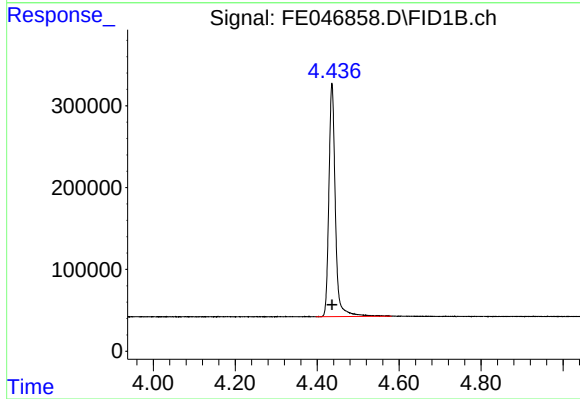
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





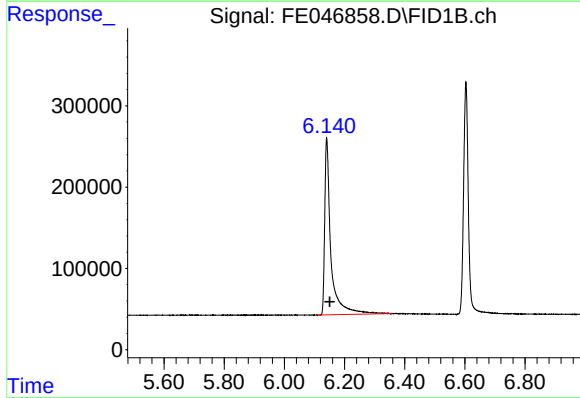
#1 n-Nonane (C9)

R.T.: 3.186 min
Delta R.T.: 0.000 min
Response: 3065324
Conc: 20.10 ug/ml



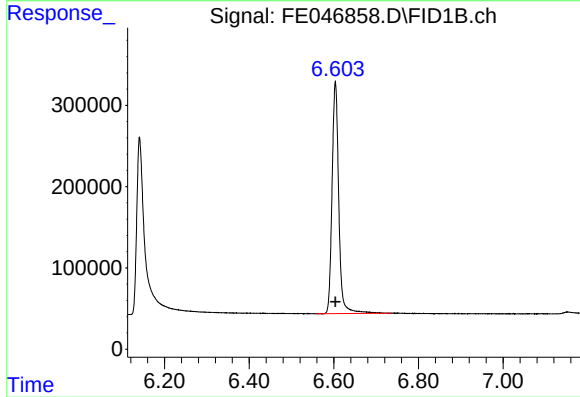
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 3120834
Conc: 20.15 ug/ml



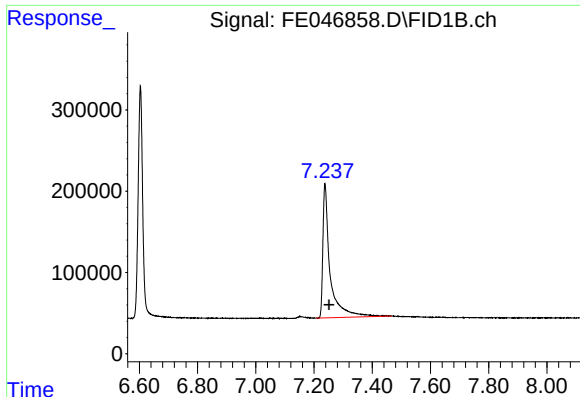
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.010 min
Response: 3129042
Conc: 19.87 ug/ml



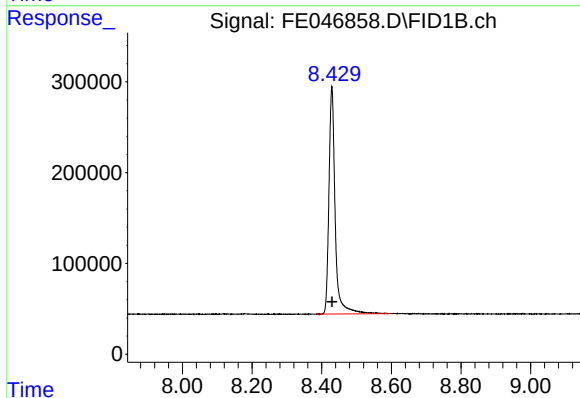
#4 n-Dodecane (C12)

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 3134603
Conc: 20.16 ug/ml



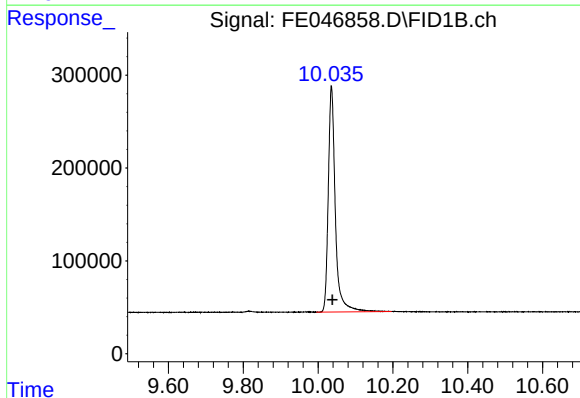
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: -0.015 min
Response: 2861301
Conc: 19.95 ug/ml



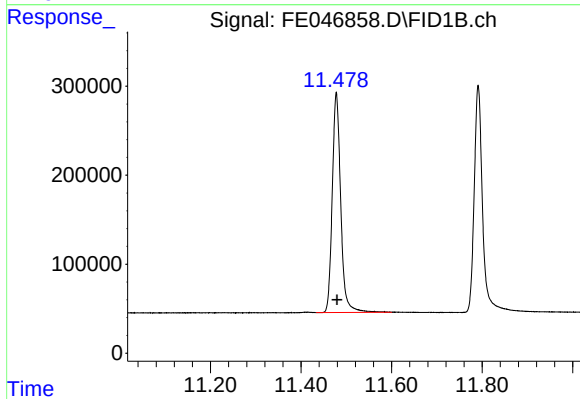
#6 n-Tetradecane (C14)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 3108574
Conc: 20.16 ug/ml



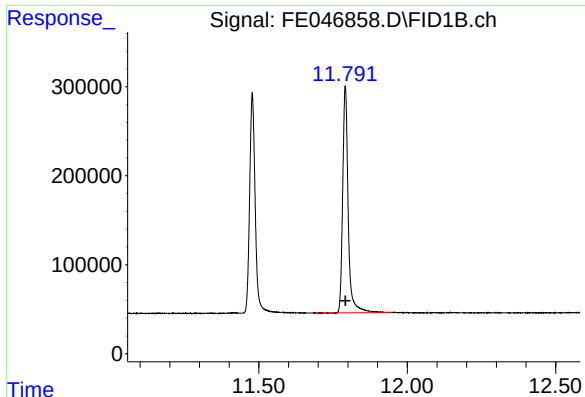
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.003 min
Response: 3190158
Conc: 20.11 ug/ml



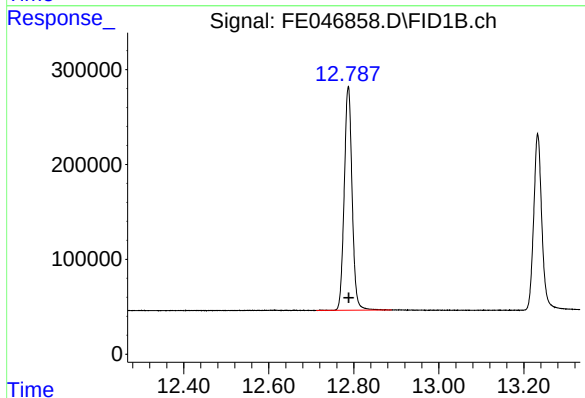
#8 n-Octadecane (C18)

R.T.: 11.478 min
Delta R.T.: -0.002 min
Response: 3204838
Conc: 20.10 ug/ml



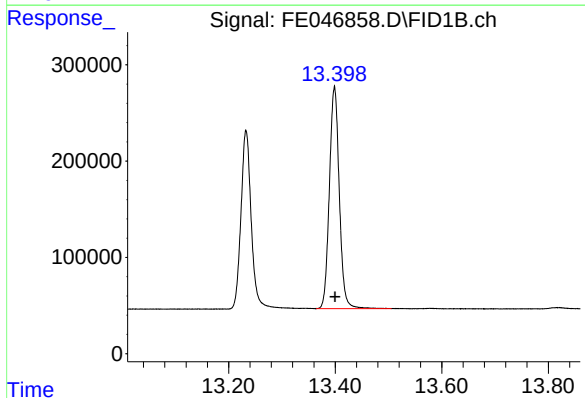
#9 ortho-Terphenyl (SURR)

R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 3277502
Conc: 19.95 ug/ml



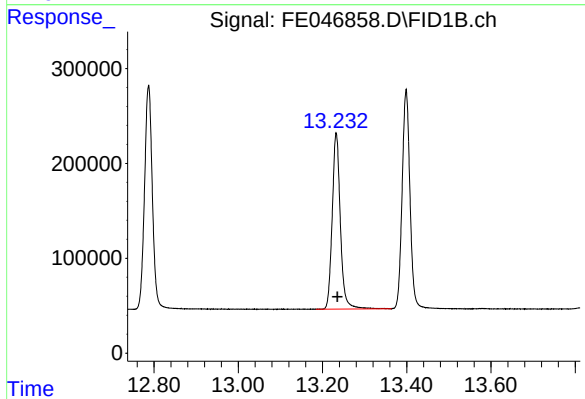
#10 n-Eicosane (C20)

R.T.: 12.787 min
Delta R.T.: 0.000 min
Response: 3037629
Conc: 20.07 ug/ml



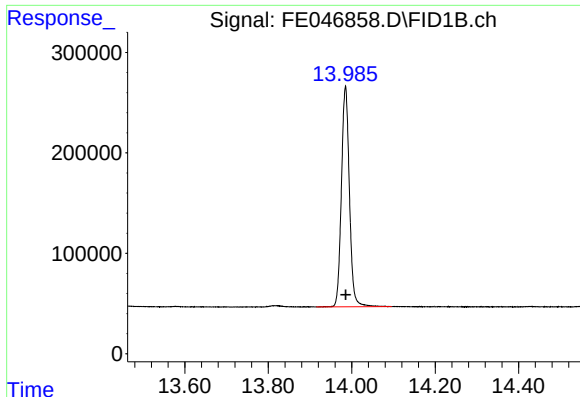
#11 n-Heneicosane (C21)

R.T.: 13.399 min
Delta R.T.: 0.000 min
Response: 2972296
Conc: 20.07 ug/ml



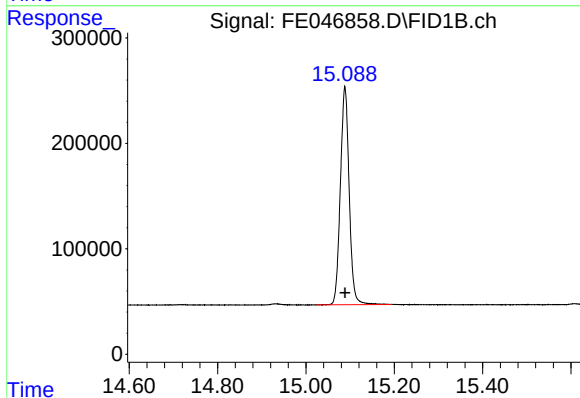
#12 1-chlorooctadecane (SURR)

R.T.: 13.233 min
Delta R.T.: -0.002 min
Response: 2494033
Conc: 20.26 ug/ml



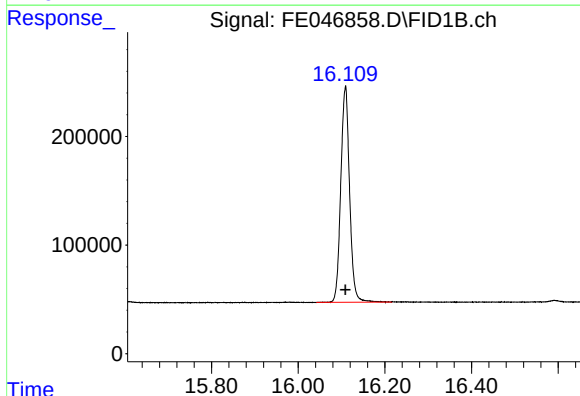
#13 n-Docosane (C22)

R.T.: 13.985 min
Delta R.T.: 0.000 min
Response: 2923792
Conc: 20.10 ug/ml



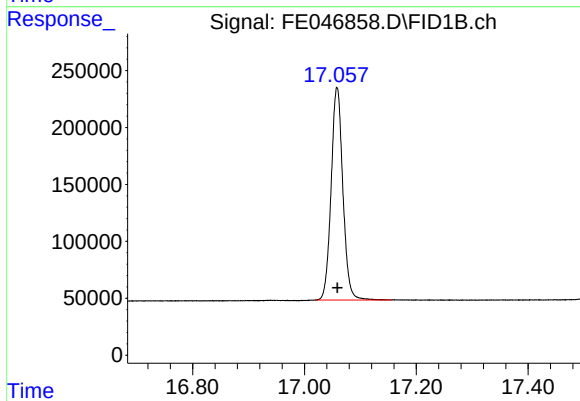
#14 n-Tetracosane (C24)

R.T.: 15.088 min
Delta R.T.: 0.000 min
Response: 2862040
Conc: 20.04 ug/ml



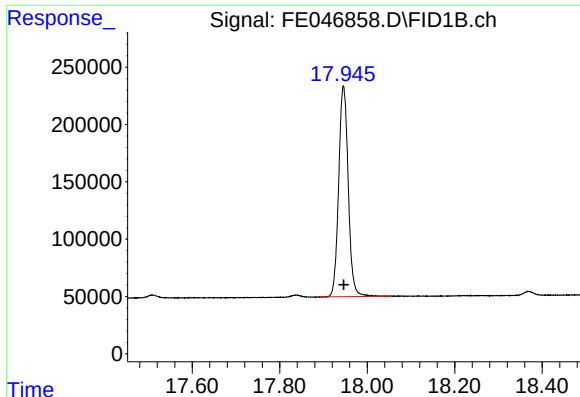
#15 n-Hexacosane (C26)

R.T.: 16.109 min
Delta R.T.: 0.000 min
Response: 2797785
Conc: 20.02 ug/ml



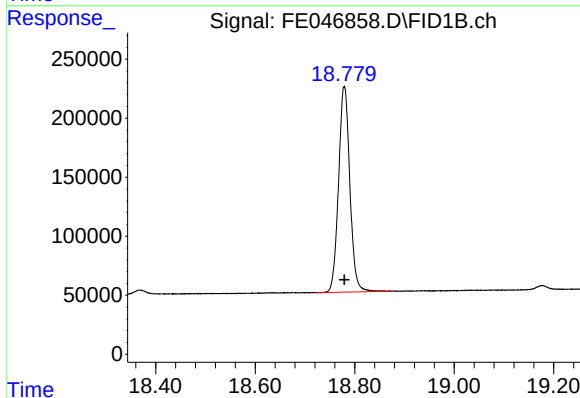
#16 n-Octacosane (C28)

R.T.: 17.058 min
Delta R.T.: 0.000 min
Response: 2720359
Conc: 19.97 ug/ml



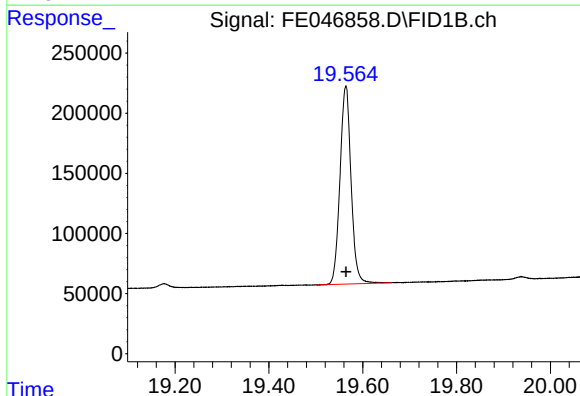
#17 n-Tricontane (C30)

R.T.: 17.946 min
Delta R.T.: -0.001 min
Response: 2792301
Conc: 20.01 ug/ml



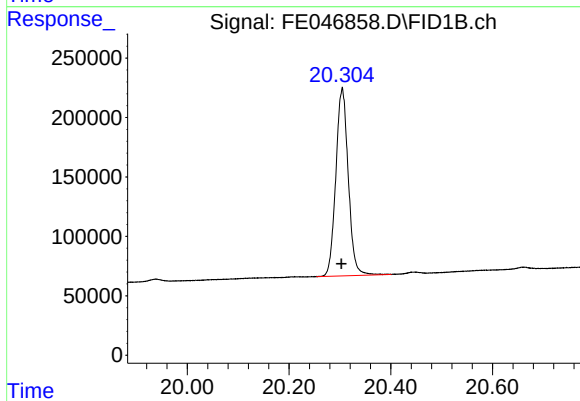
#18 n-Dotriacontane (C32)

R.T.: 18.779 min
Delta R.T.: 0.000 min
Response: 2742103
Conc: 19.93 ug/ml



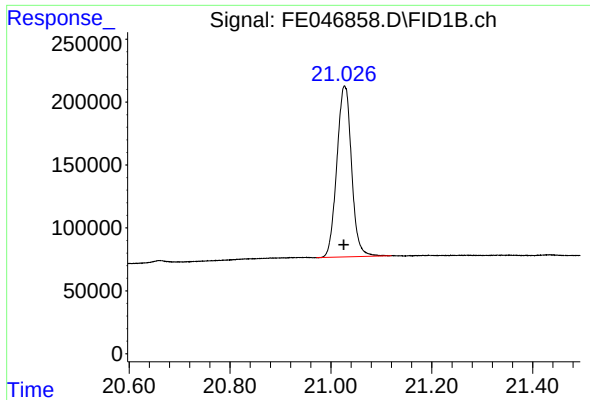
#19 n-Tetratriacontane (C34)

R.T.: 19.564 min
Delta R.T.: 0.000 min
Response: 2695575
Conc: 20.07 ug/ml



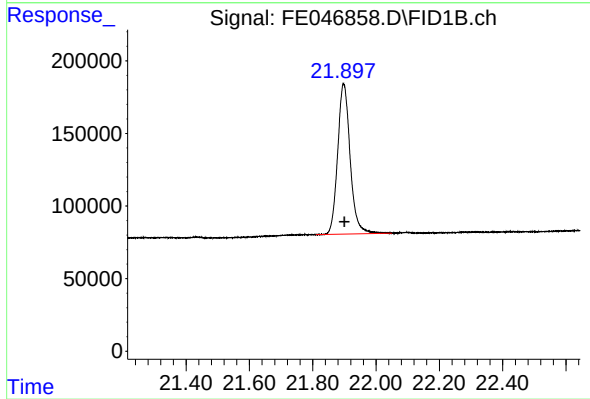
#20 n-Hexatriacontane (C36)

R.T.: 20.305 min
Delta R.T.: 0.001 min
Response: 2682104
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.027 min
Delta R.T.: 0.001 min
Response: 2742851
Conc: 19.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: -0.002 min
Response: 2839035
Conc: 20.12 ug/ml