

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022824AL\
 Data File : FE046969.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2024 14:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 29 00:24:19 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)	11.790	3386329	20.611 ug/ml
Spiked Amount 50.000		Recovery =	41.22%
12) S 1-chlorooctadecane (S...	13.232	2560149	20.797 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
Target Compounds			
1) T n-Nonane (C9)	3.181	3221674	21.127 ug/ml
2) T n-Decane (C10)	4.432	3296829	21.286 ug/ml
3) T A~Naphthalene (C11.7)	6.138	3308525	21.006 ug/ml
4) T n-Dodecane (C12)	6.601	3315467	21.324 ug/ml
5) T A~2-methylnaphthalene...	7.235	3009743	20.989 ug/ml
6) T n-Tetradecane (C14)	8.427	3283824	21.296 ug/ml
7) T n-Hexadecane (C16)	10.035	3344866	21.081 ug/ml
8) T n-Octadecane (C18)	11.477	3340469	20.954 ug/ml
10) T n-Eicosane (C20)	12.787	3123318	20.634 ug/ml
11) T n-Heneicosane (C21)	13.399	3040007	20.529 ug/ml
13) T n-Docosane (C22)	13.986	3007732	20.673 ug/ml
14) T n-Tetracosane (C24)	15.089	2953961	20.684 ug/ml
15) T n-Hexacosane (C26)	16.110	2895588	20.721 ug/ml
16) T n-Octacosane (C28)	17.060	2858863	20.984 ug/ml
17) T n-Tricontane (C30)	17.948	2967817	21.272 ug/ml
18) T n-Dotriacontane (C32)	18.783	2972803	21.604 ug/ml
19) T n-Tetratriacontane (C34)	19.567	2878848	21.430 ug/ml
20) T n-Hexatriacontane (C36)	20.309	2863517	21.504 ug/ml
21) T n-Octatriacontane (C38)	21.030	2912313	21.136 ug/ml
22) T n-Tetracontane (C40)	21.906	2980158	21.122 ug/ml

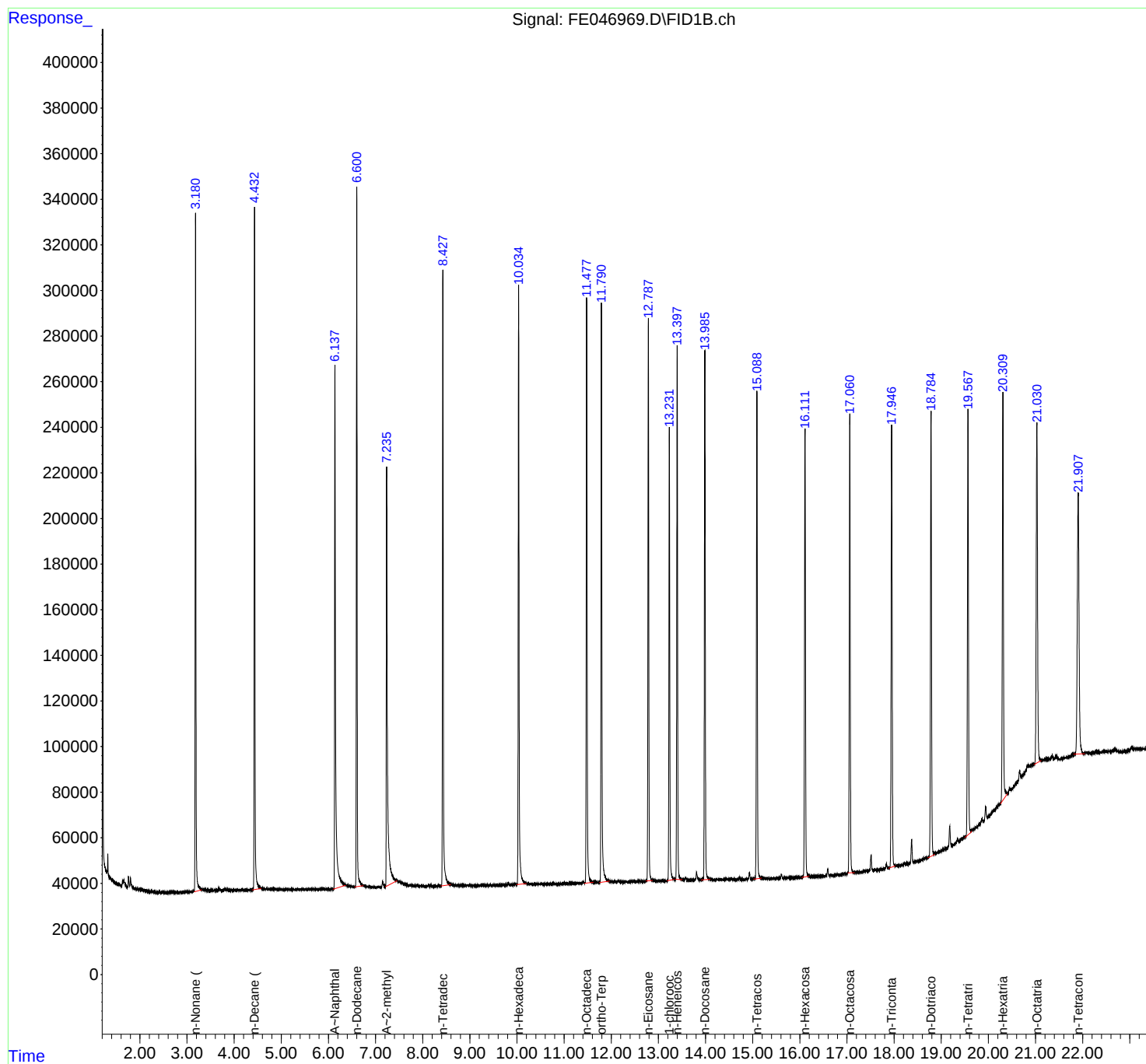
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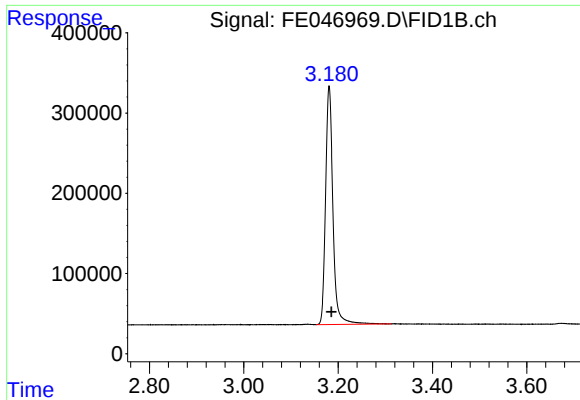
(m)=manual int.

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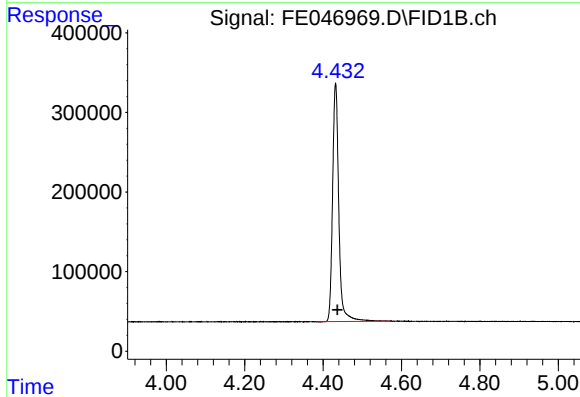
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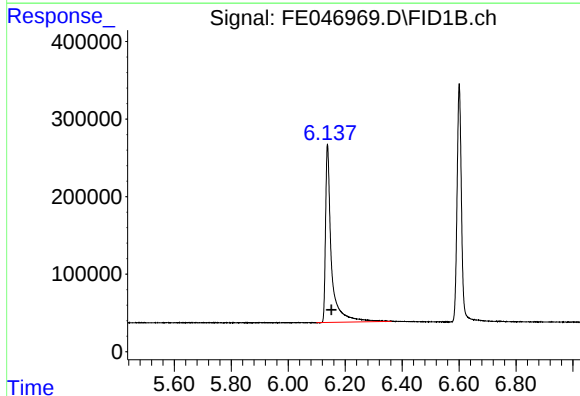
#1 n-Nonane (C9)

R.T.: 3.181 min
Delta R.T.: -0.005 min
Response: 3221674
Conc: 21.13 ug/ml



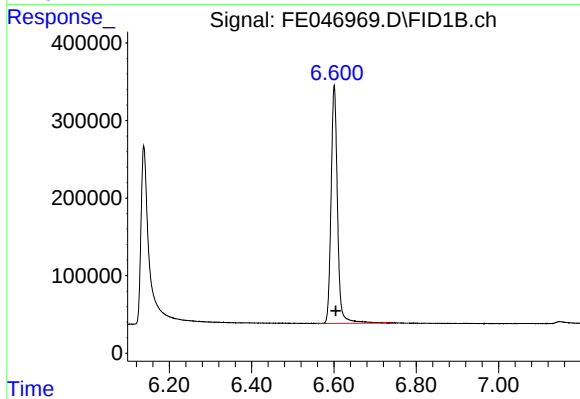
#2 n-Decane (C10)

R.T.: 4.432 min
Delta R.T.: -0.005 min
Response: 3296829
Conc: 21.29 ug/ml



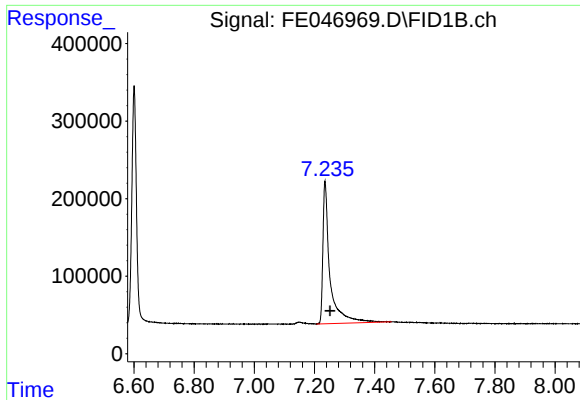
#3 A~Naphthalene (C11.7)

R.T.: 6.138 min
Delta R.T.: -0.013 min
Response: 3308525
Conc: 21.01 ug/ml



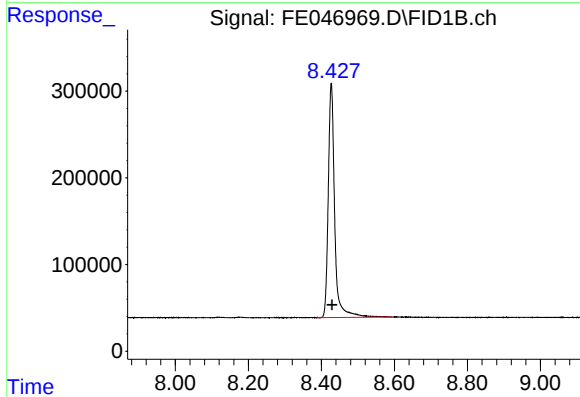
#4 n-Dodecane (C12)

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 3315467
Conc: 21.32 ug/ml



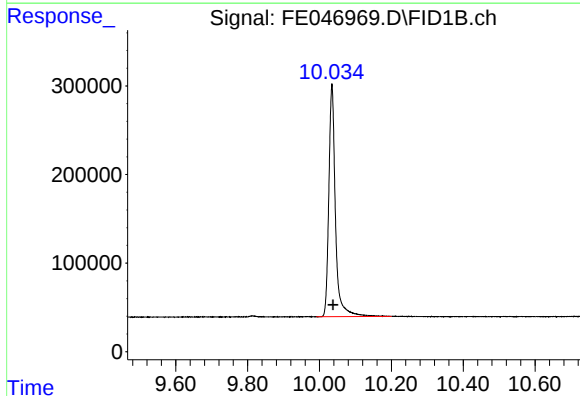
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: -0.017 min
Response: 3009743
Conc: 20.99 ug/ml



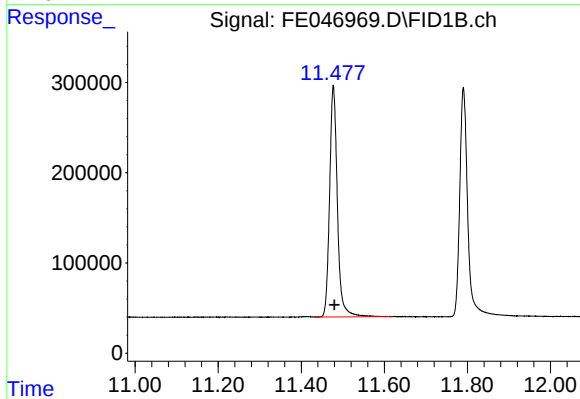
#6 n-Tetradecane (C14)

R.T.: 8.427 min
Delta R.T.: -0.002 min
Response: 3283824
Conc: 21.30 ug/ml



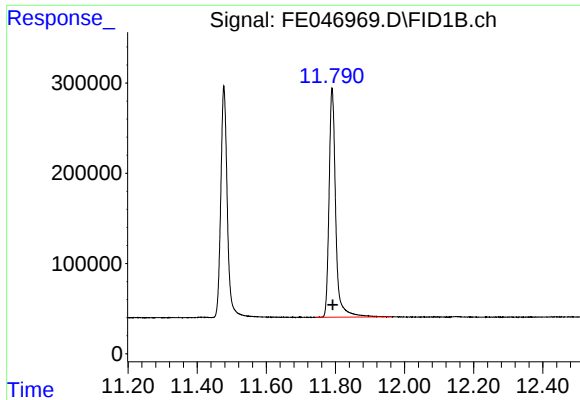
#7 n-Hexadecane (C16)

R.T.: 10.035 min
Delta R.T.: -0.004 min
Response: 3344866
Conc: 21.08 ug/ml



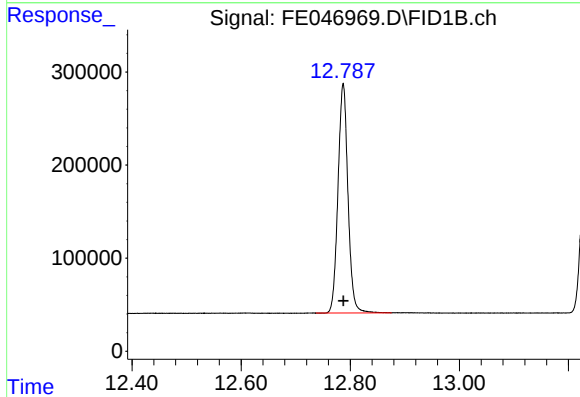
#8 n-Octadecane (C18)

R.T.: 11.477 min
Delta R.T.: -0.003 min
Response: 3340469
Conc: 20.95 ug/ml



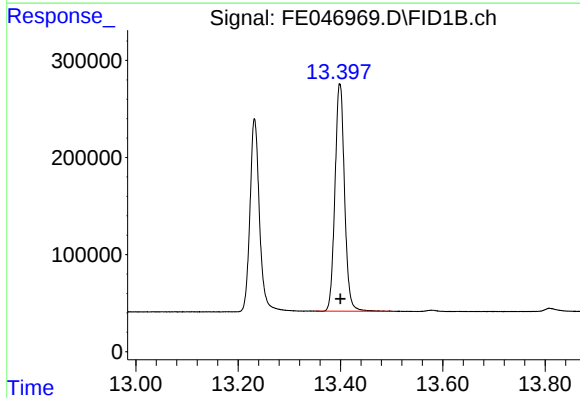
#9 ortho-Terphenyl (SURR)

R.T.: 11.790 min
Delta R.T.: -0.002 min
Response: 3386329
Conc: 20.61 ug/ml



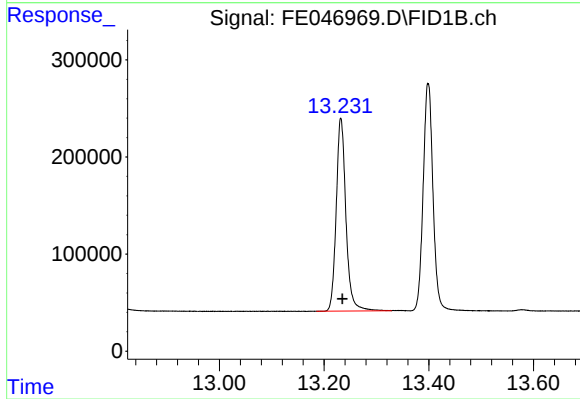
#10 n-Eicosane (C20)

R.T.: 12.787 min
Delta R.T.: 0.000 min
Response: 3123318
Conc: 20.63 ug/ml



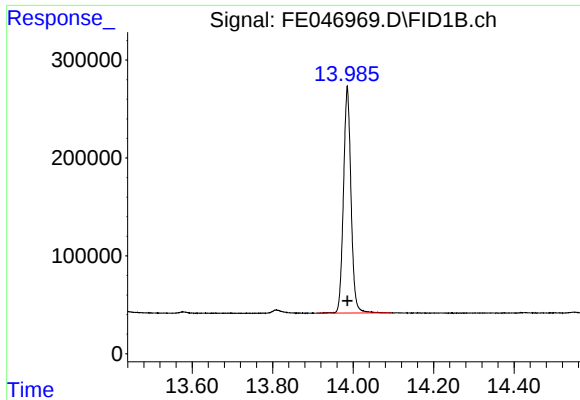
#11 n-Heneicosane (C21)

R.T.: 13.399 min
Delta R.T.: 0.000 min
Response: 3040007
Conc: 20.53 ug/ml



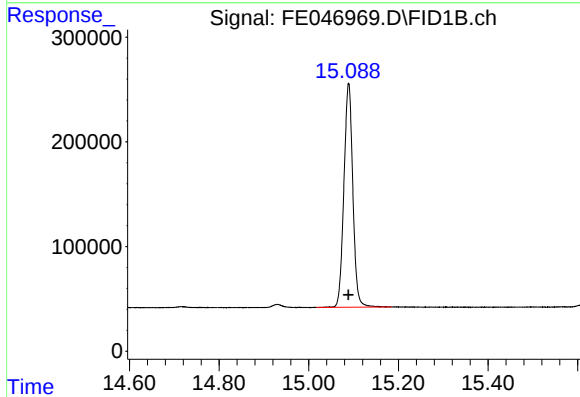
#12 1-chlorooctadecane (SURR)

R.T.: 13.232 min
Delta R.T.: -0.003 min
Response: 2560149
Conc: 20.80 ug/ml



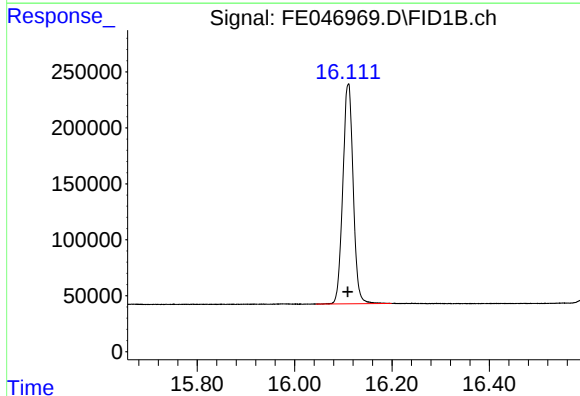
#13 n-Docosane (C22)

R.T.: 13.986 min
Delta R.T.: 0.000 min
Response: 3007732
Conc: 20.67 ug/ml



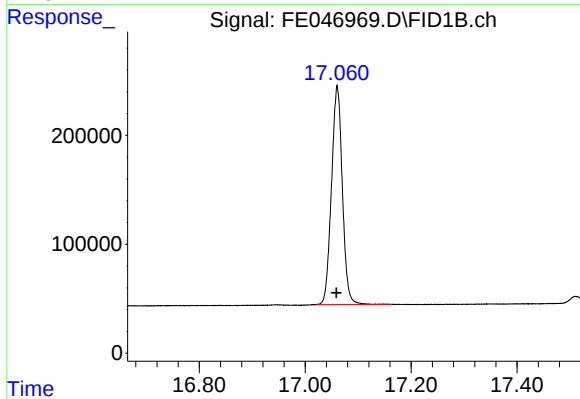
#14 n-Tetracosane (C24)

R.T.: 15.089 min
Delta R.T.: 0.000 min
Response: 2953961
Conc: 20.68 ug/ml



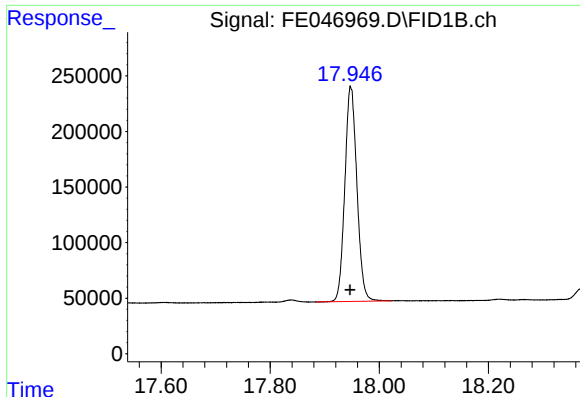
#15 n-Hexacosane (C26)

R.T.: 16.110 min
Delta R.T.: 0.001 min
Response: 2895588
Conc: 20.72 ug/ml



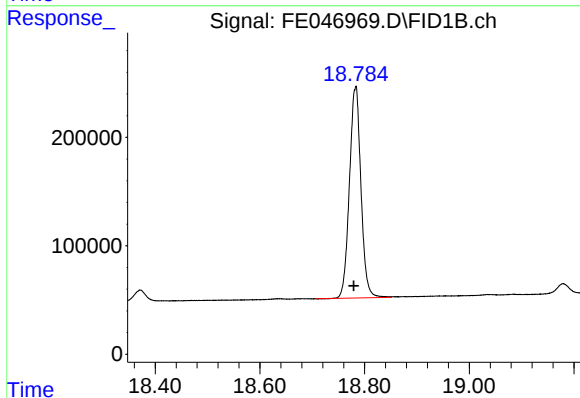
#16 n-Octacosane (C28)

R.T.: 17.060 min
Delta R.T.: 0.001 min
Response: 2858863
Conc: 20.98 ug/ml



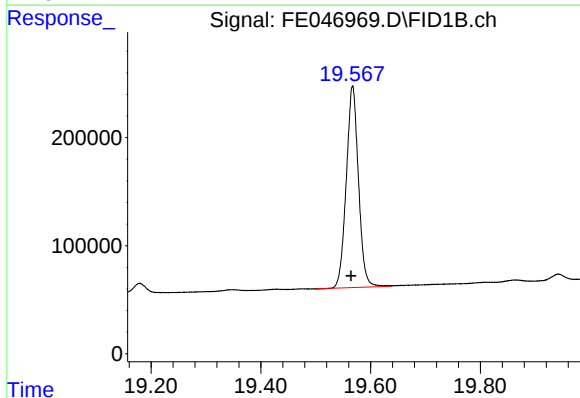
#17 n-Tricontane (C30)

R.T.: 17.948 min
Delta R.T.: 0.000 min
Response: 2967817
Conc: 21.27 ug/ml



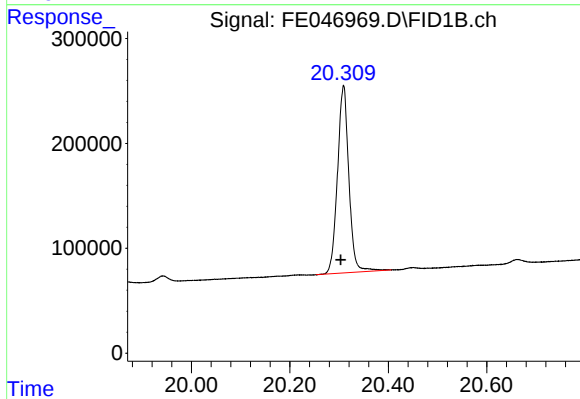
#18 n-Dotriacontane (C32)

R.T.: 18.783 min
Delta R.T.: 0.004 min
Response: 2972803
Conc: 21.60 ug/ml



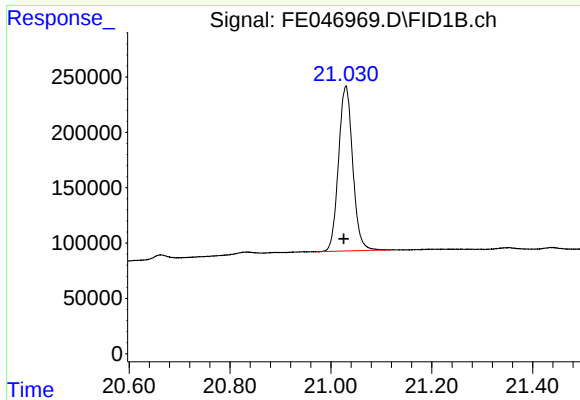
#19 n-Tetratriacontane (C34)

R.T.: 19.567 min
Delta R.T.: 0.003 min
Response: 2878848
Conc: 21.43 ug/ml



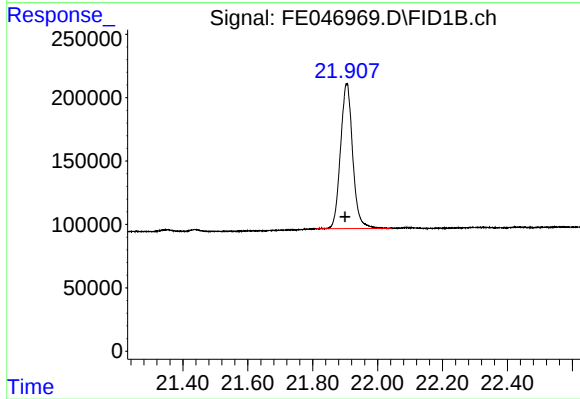
#20 n-Hexatriacontane (C36)

R.T.: 20.309 min
Delta R.T.: 0.006 min
Response: 2863517
Conc: 21.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.030 min
Delta R.T.: 0.004 min
Response: 2912313
Conc: 21.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.906 min
Delta R.T.: 0.006 min
Response: 2980158
Conc: 21.12 ug/ml