

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031324AL\
 Data File : FE047169.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2024 18:10
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:45:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 Qlast Update : Thu Mar 14 01:45:08 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)	11.984	15175581	93.260 ug/ml
Spiked Amount 50.000		Recovery =	186.52%
12) S 1-chlorooctadecane (S...	13.414	11783563	93.347 ug/ml
Spiked Amount 50.000		Recovery =	186.69%
Target Compounds			
1) T n-Nonane (C9)	3.369	13890867	94.339 ug/ml
2) T n-Decane (C10)	4.620	14153860	94.099 ug/ml
3) T A~Naphthalene (C11.7)	6.323	14868725	94.578 ug/ml
4) T n-Dodecane (C12)	6.785	14213117	93.886 ug/ml
5) T A~2-methylnaphthalene...	7.419	14250301	94.037 ug/ml
6) T n-Tetradecane (C14)	8.613	14034055	93.549 ug/ml
7) T n-Hexadecane (C16)	10.220	14457312	93.212 ug/ml
8) T n-Octadecane (C18)	11.664	14611182	93.109 ug/ml
10) T n-Eicosane (C20)	12.971	14093901	92.890 ug/ml
11) T n-Heneicosane (C21)	13.582	13884433	92.965 ug/ml
13) T n-Docosane (C22)	14.166	13806157	92.843 ug/ml
14) T n-Tetracosane (C24)	15.267	13687656	92.388 ug/ml
15) T n-Hexacosane (C26)	16.285	13368776	92.365 ug/ml
16) T n-Octacosane (C28)	17.233	12971796	91.963 ug/ml
17) T n-Tricontane (C30)	18.117	12965073	91.425 ug/ml
18) T n-Dotriacontane (C32)	18.946	12561199	90.463 ug/ml
19) T n-Tetratriacontane (C34)	19.728	12252897	93.133 ug/ml
20) T n-Hexatriacontane (C36)	20.465	12138214	95.022 ug/ml
21) T n-Octatriacontane (C38)	21.207	12423176	98.910 ug/ml
22) T n-Tetracontane (C40)	22.140	12524123	102.964 ug/ml

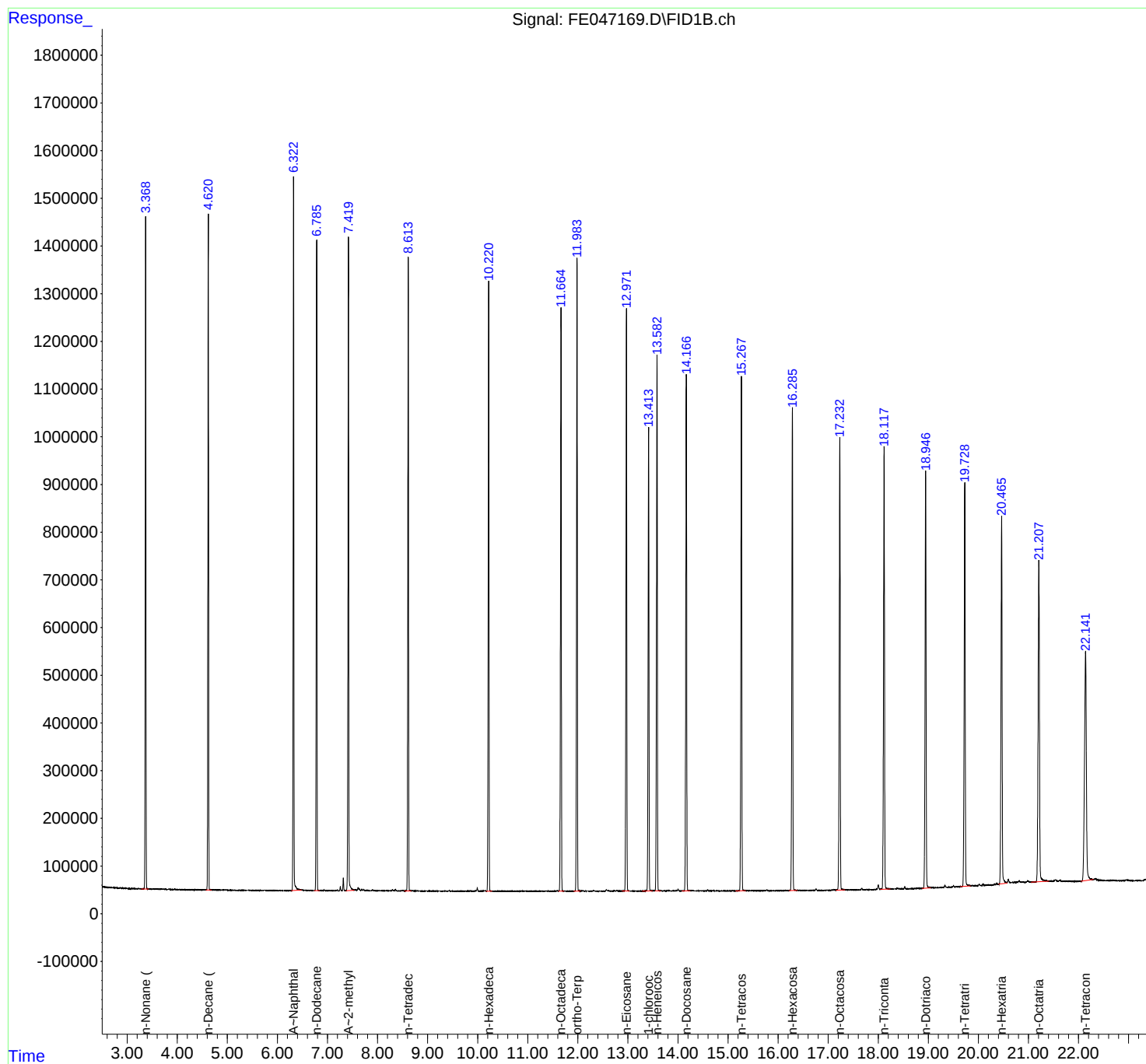
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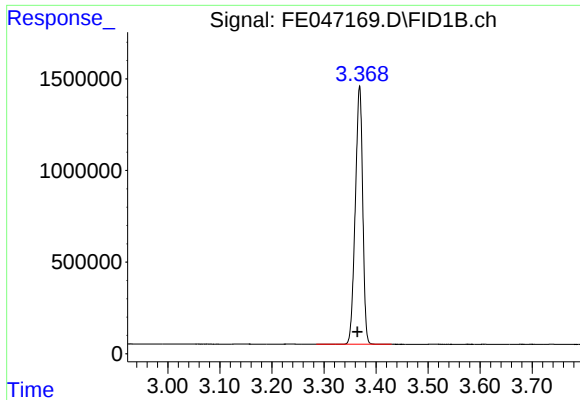
(m)=manual int.

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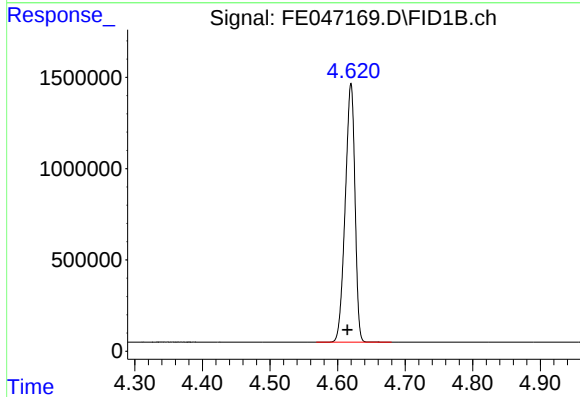
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





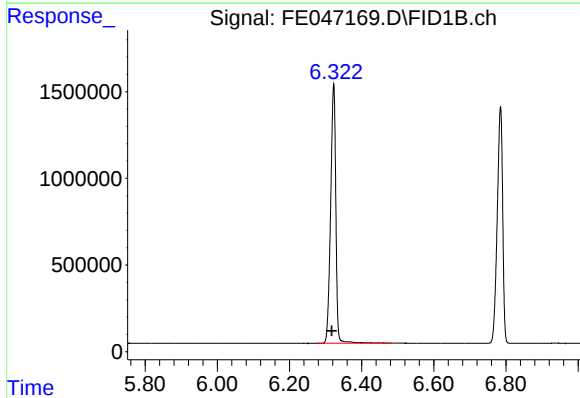
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: 0.005 min
Response: 13890867
Conc: 94.34 ug/ml



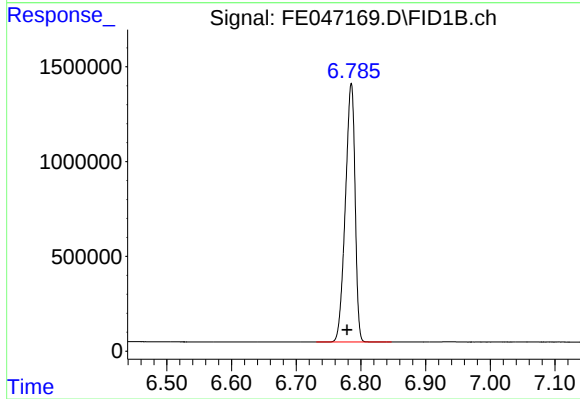
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.005 min
Response: 14153860
Conc: 94.10 ug/ml



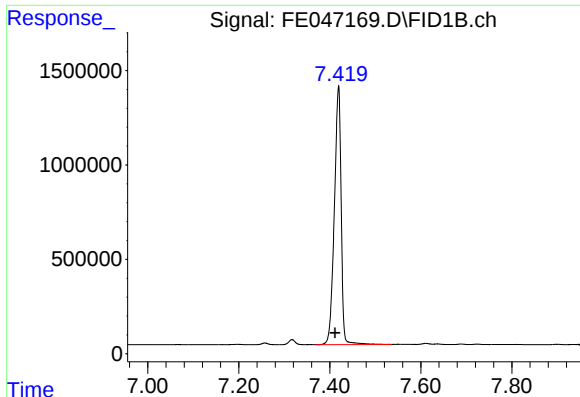
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: 0.006 min
Response: 14868725
Conc: 94.58 ug/ml



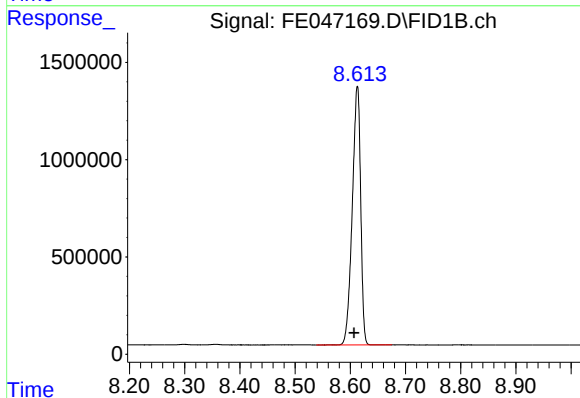
#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 14213117
Conc: 93.89 ug/ml



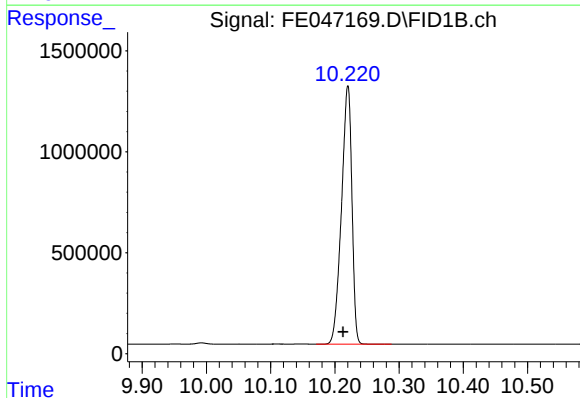
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.419 min
Delta R.T.: 0.007 min
Response: 14250301
Conc: 94.04 ug/ml



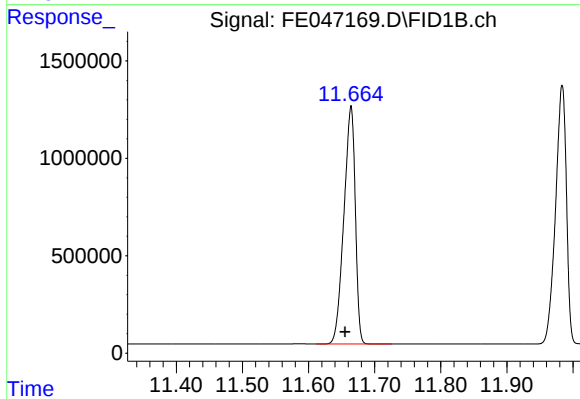
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.006 min
Response: 14034055
Conc: 93.55 ug/ml



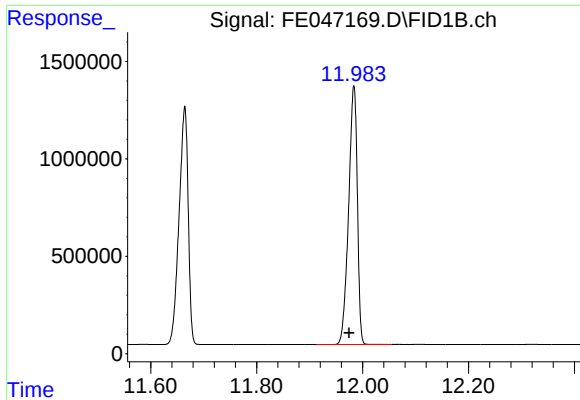
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.007 min
Response: 14457312
Conc: 93.21 ug/ml



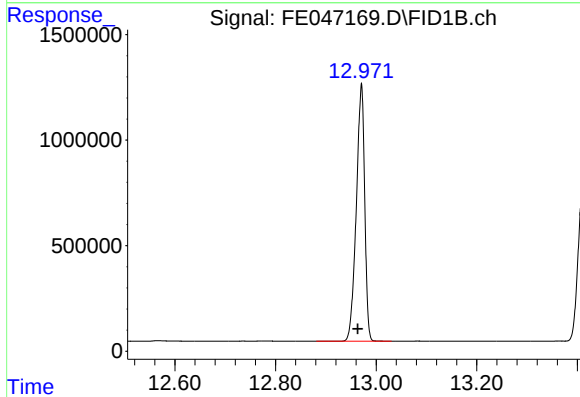
#8 n-Octadecane (C18)

R.T.: 11.664 min
Delta R.T.: 0.009 min
Response: 14611182
Conc: 93.11 ug/ml



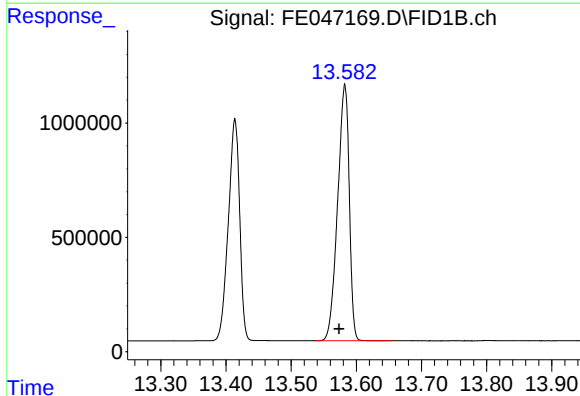
#9 ortho-Terphenyl (SURR)

R.T.: 11.984 min
Delta R.T.: 0.009 min
Response: 15175581
Conc: 93.26 ug/ml



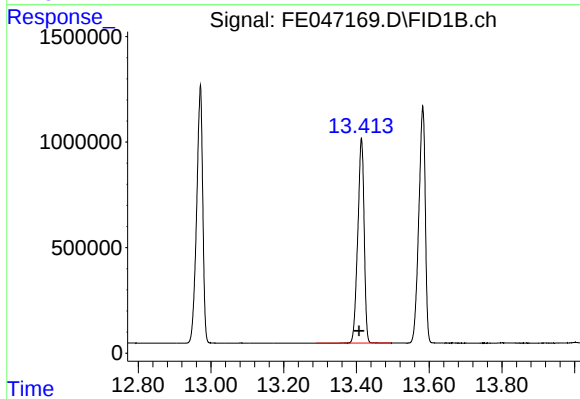
#10 n-Eicosane (C20)

R.T.: 12.971 min
Delta R.T.: 0.007 min
Response: 14093901
Conc: 92.89 ug/ml



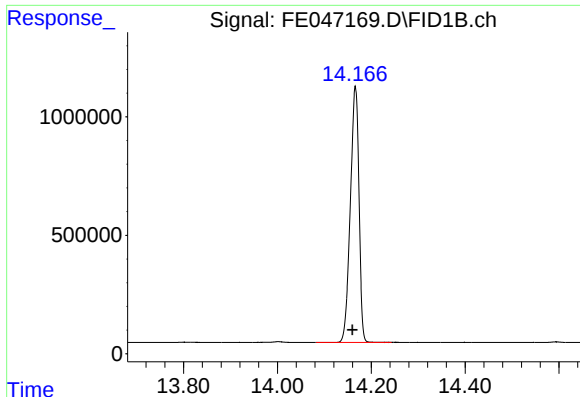
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.009 min
Response: 13884433
Conc: 92.97 ug/ml



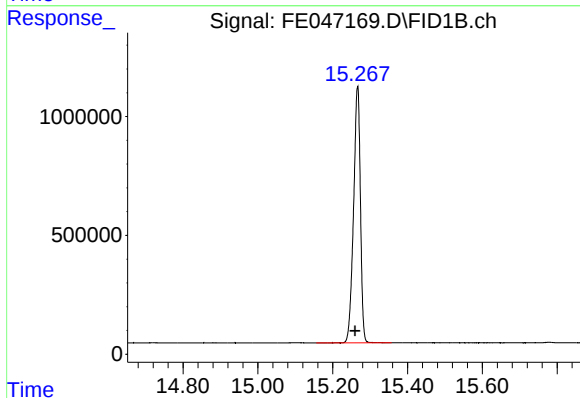
#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: 0.007 min
Response: 11783563
Conc: 93.35 ug/ml



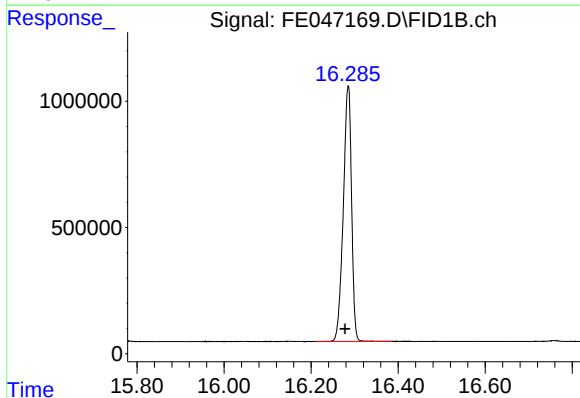
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.006 min
Response: 13806157
Conc: 92.84 ug/ml



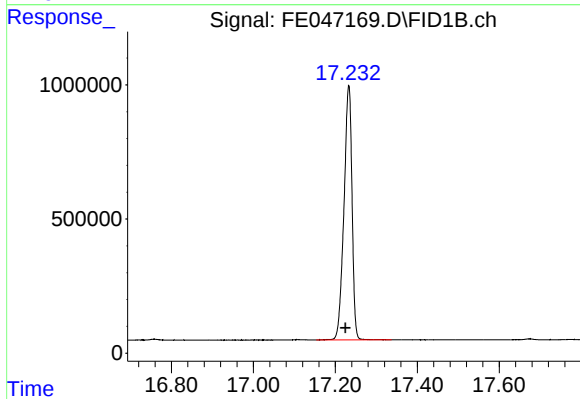
#14 n-Tetracosane (C24)

R.T.: 15.267 min
Delta R.T.: 0.007 min
Response: 13687656
Conc: 92.39 ug/ml



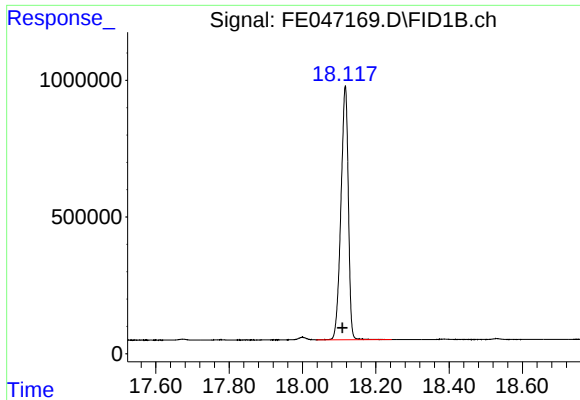
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.008 min
Response: 13368776
Conc: 92.36 ug/ml



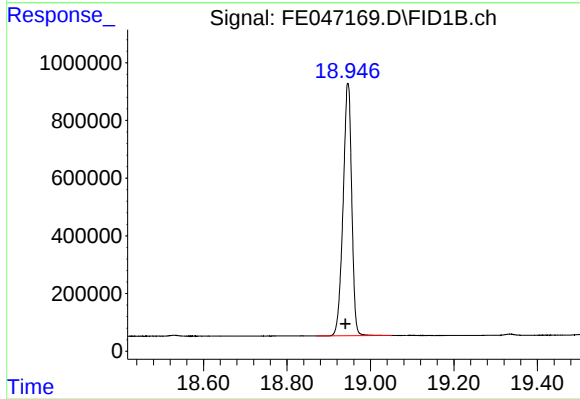
#16 n-Octacosane (C28)

R.T.: 17.233 min
Delta R.T.: 0.008 min
Response: 12971796
Conc: 91.96 ug/ml



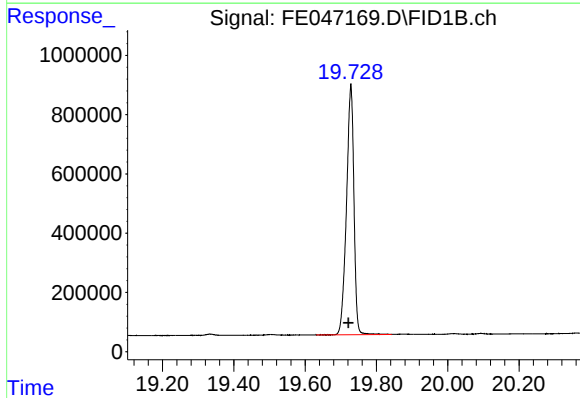
#17 n-Tricontane (C30)

R.T.: 18.117 min
Delta R.T.: 0.008 min
Response: 12965073
Conc: 91.42 ug/ml



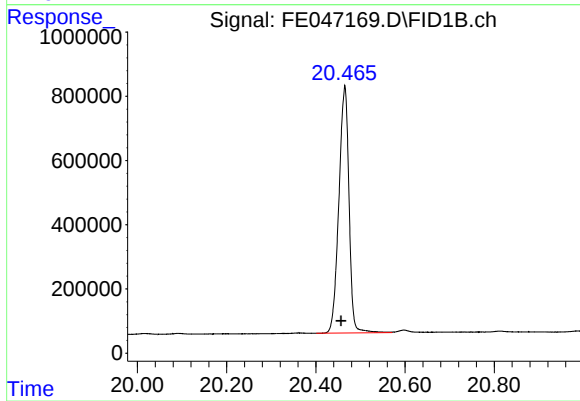
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: 0.006 min
Response: 12561199
Conc: 90.46 ug/ml



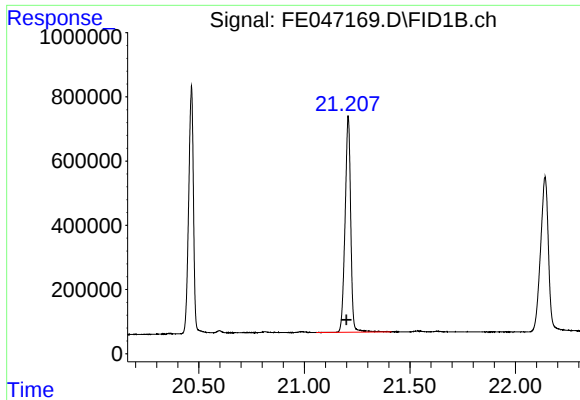
#19 n-Tetratriacontane (C34)

R.T.: 19.728 min
Delta R.T.: 0.007 min
Response: 12252897
Conc: 93.13 ug/ml



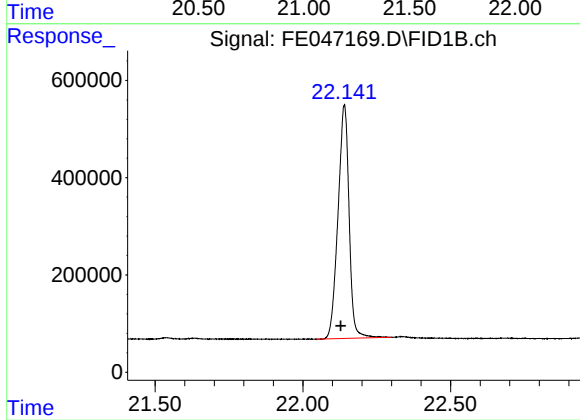
#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: 0.009 min
Response: 12138214
Conc: 95.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.008 min
Response: 12423176
Conc: 98.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: 0.012 min
Response: 12524123
Conc: 102.96 ug/ml