

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046388.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 14:31
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 14:54:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 Qlast Update : Thu Jan 25 14:54:46 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)	11.820	968152	5.236 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
12) S 1-chlorooctadecane (S...	13.264	737340	5.182 ug/ml
Spiked Amount 50.000		Recovery =	10.36%
Target Compounds			
1) T n-Nonane (C9)	3.212	840721	5.205 ug/ml
2) T n-Decane (C10)	4.461	839534	5.123 ug/ml
3) T A~Naphthalene (C11.7)	6.169	808755	4.730 ug/ml
4) T n-Dodecane (C12)	6.627	838186	5.067 ug/ml
5) T A~2-methylnaphthalene...	7.267	706607	4.430 ug/ml
6) T n-Tetradecane (C14)	8.454	838120	5.114 ug/ml
7) T n-Hexadecane (C16)	10.064	880155	5.151 ug/ml
8) T n-Octadecane (C18)	11.506	904785	5.190 ug/ml
10) T n-Eicosane (C20)	12.817	896276	5.279 ug/ml
11) T n-Heneicosane (C21)	13.429	871649	5.226 ug/ml
13) T n-Docosane (C22)	14.016	865353	5.223 ug/ml
14) T n-Tetracosane (C24)	15.121	864837	5.241 ug/ml
15) T n-Hexacosane (C26)	16.144	845128	5.236 ug/ml
16) T n-Octacosane (C28)	17.095	828964	5.281 ug/ml
17) T n-Tricontane (C30)	17.984	831678	5.310 ug/ml
18) T n-Dotriacontane (C32)	18.819	828762	5.483 ug/ml
19) T n-Tetratriacontane (C34)	19.606	755864	5.329 ug/ml
20) T n-Hexatriacontane (C36)	20.348	775994	5.627 ug/mlm
21) T n-Octatriacontane (C38)	21.076	706910	5.514 ug/ml
22) T n-Tetracontane (C40)	21.965	722144	5.775 ug/ml

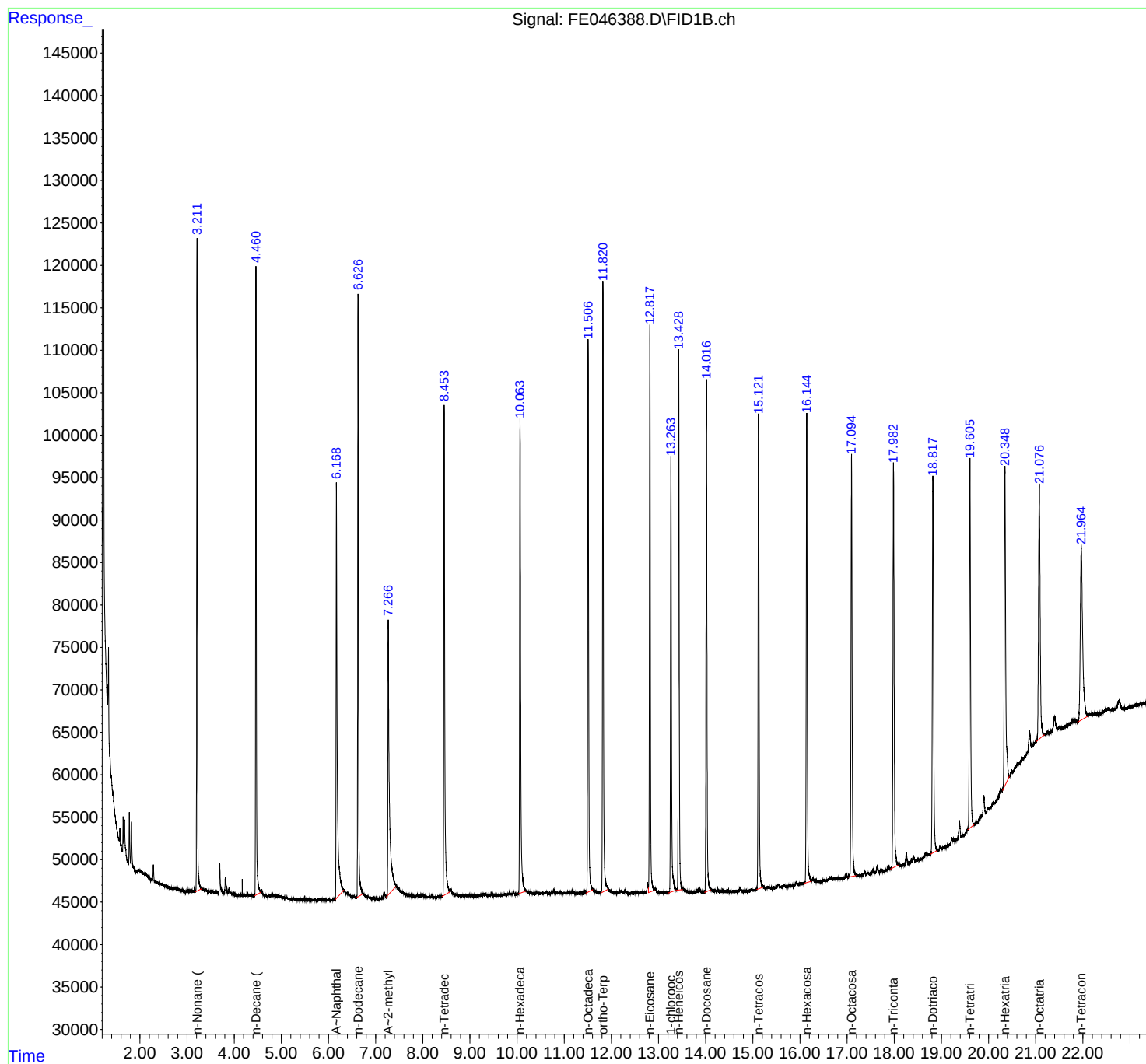
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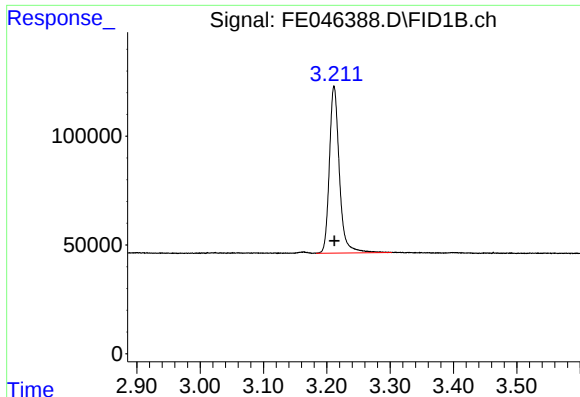
(m)=manual int.

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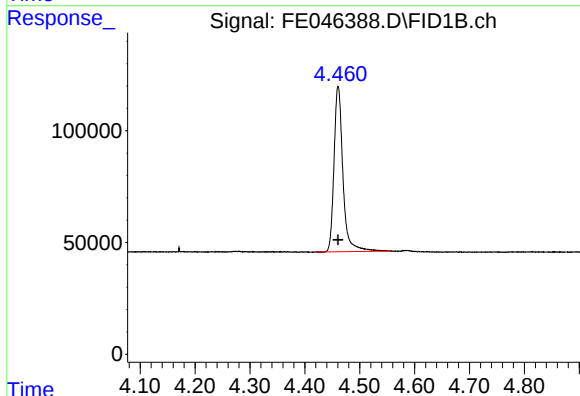
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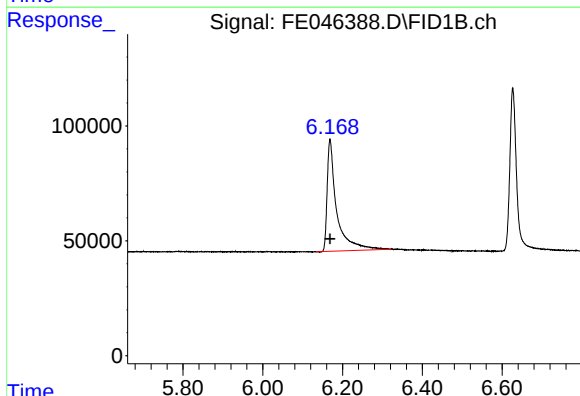
#1 n-Nonane (C9)

R.T.: 3.212 min
Delta R.T.: 0.000 min
Response: 840721
Conc: 5.20 ug/ml



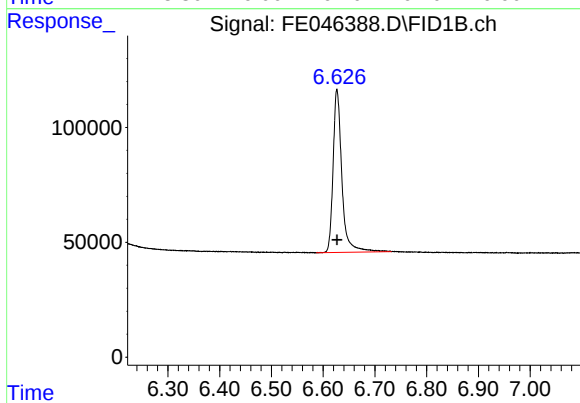
#2 n-Decane (C10)

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 839534
Conc: 5.12 ug/ml



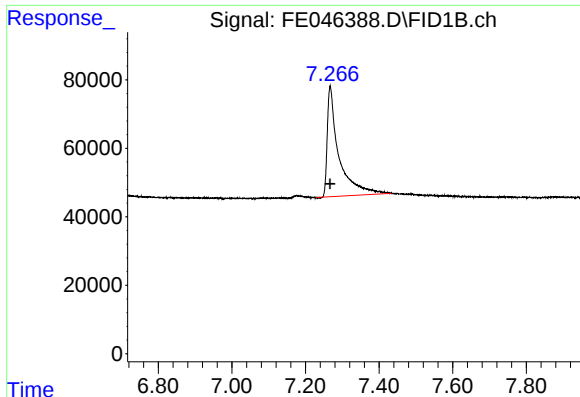
#3 A~Naphthalene (C11.7)

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 808755
Conc: 4.73 ug/ml



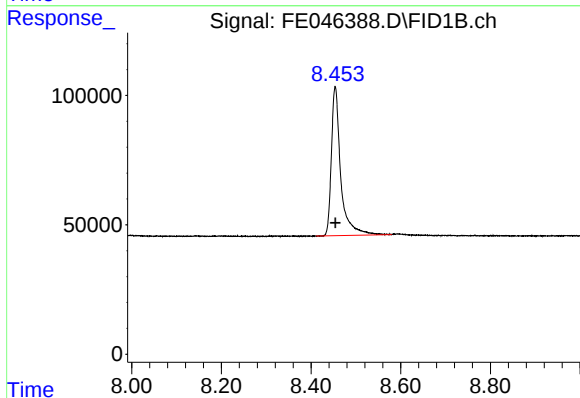
#4 n-Dodecane (C12)

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 838186
Conc: 5.07 ug/ml



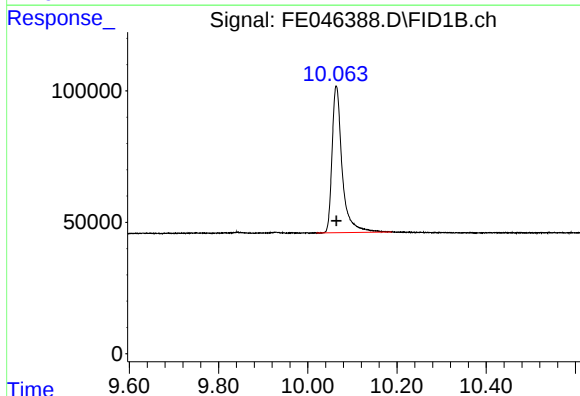
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: 0.000 min
Response: 706607
Conc: 4.43 ug/ml



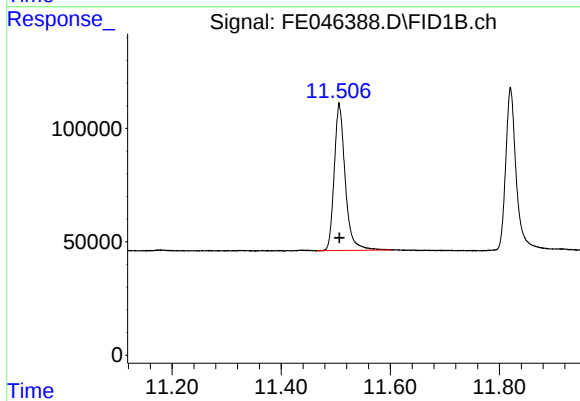
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 838120
Conc: 5.11 ug/ml



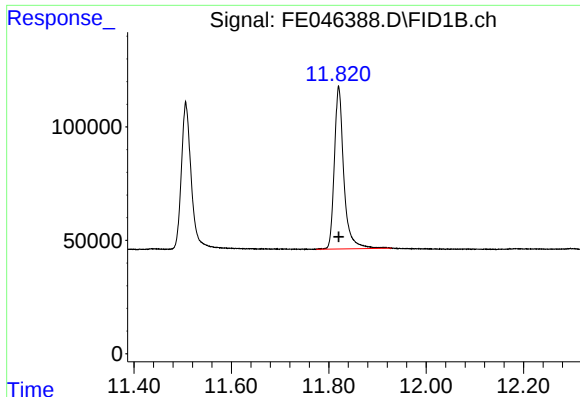
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 880155
Conc: 5.15 ug/ml



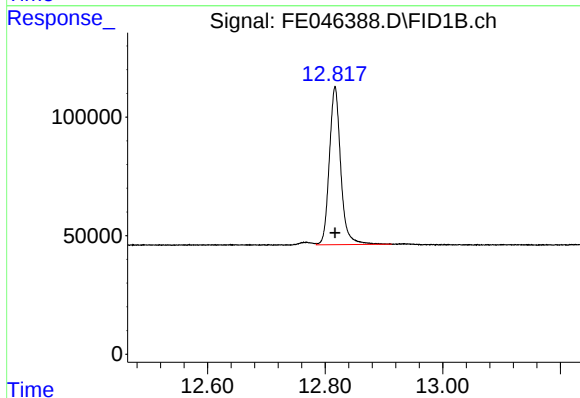
#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 904785
Conc: 5.19 ug/ml



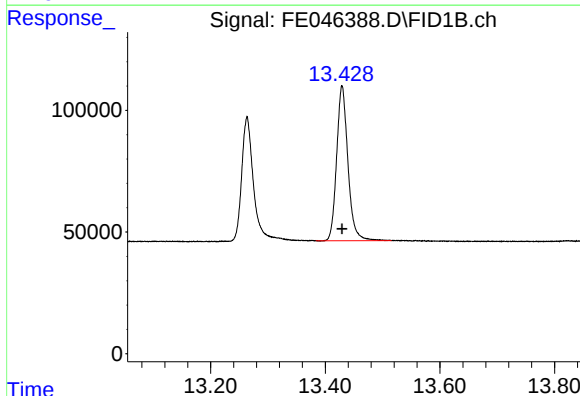
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 968152
Conc: 5.24 ug/ml



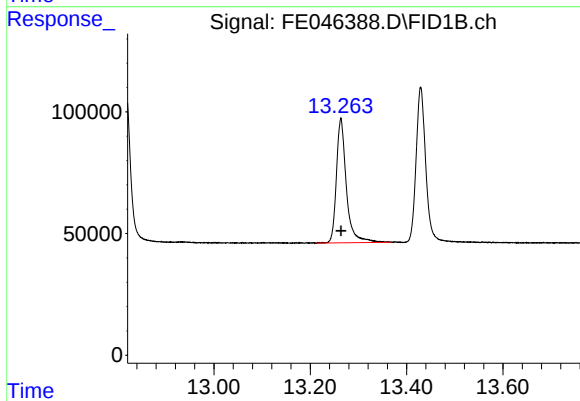
#10 n-Eicosane (C20)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 896276
Conc: 5.28 ug/ml



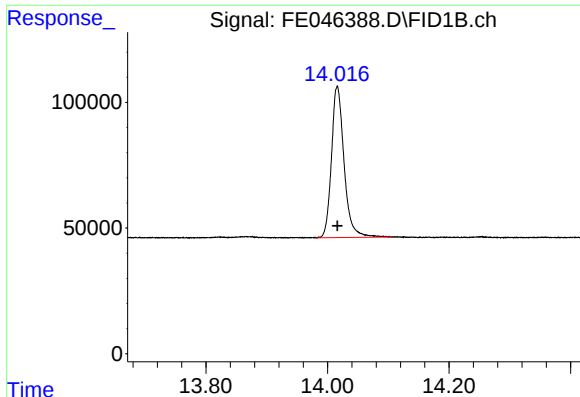
#11 n-Heneicosane (C21)

R.T.: 13.429 min
Delta R.T.: 0.000 min
Response: 871649
Conc: 5.23 ug/ml



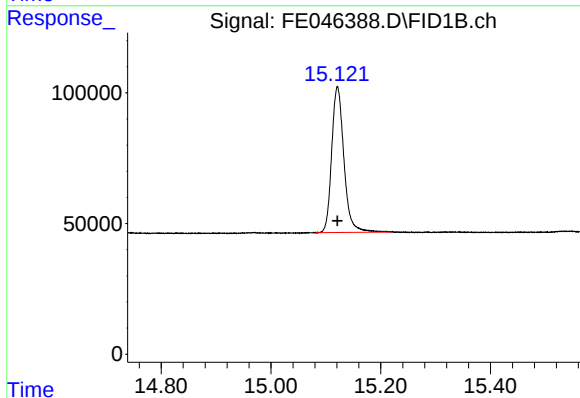
#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: 0.000 min
Response: 737340
Conc: 5.18 ug/ml



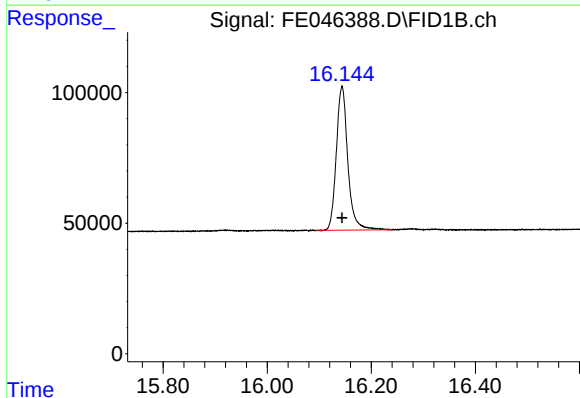
#13 n-Docosane (C22)

R.T.: 14.016 min
Delta R.T.: 0.000 min
Response: 865353
Conc: 5.22 ug/ml



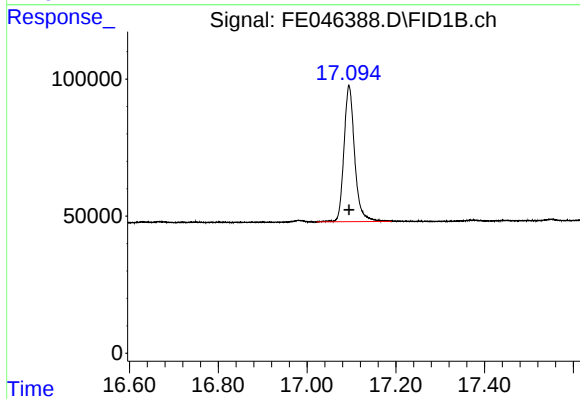
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: 0.000 min
Response: 864837
Conc: 5.24 ug/ml



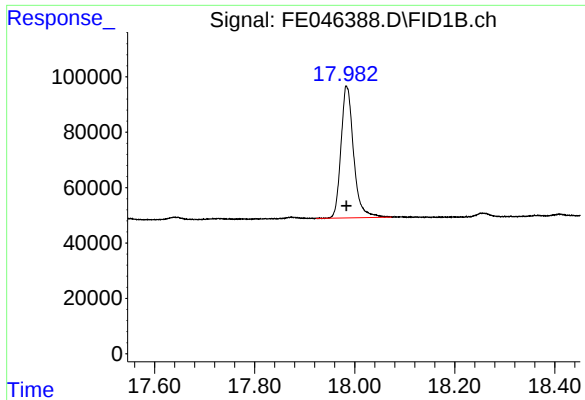
#15 n-Hexacosane (C26)

R.T.: 16.144 min
Delta R.T.: 0.000 min
Response: 845128
Conc: 5.24 ug/ml



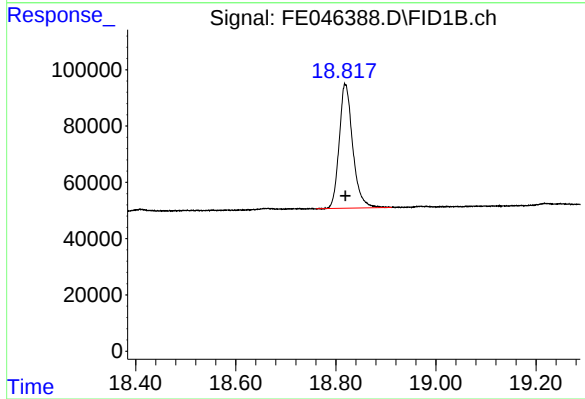
#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: 0.000 min
Response: 828964
Conc: 5.28 ug/ml



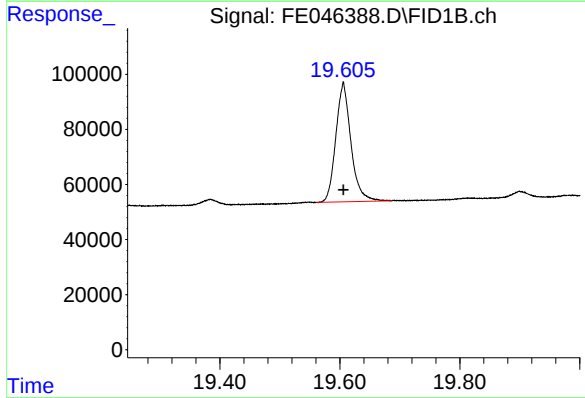
#17 n-Tricontane (C30)

R.T.: 17.984 min
Delta R.T.: 0.000 min
Response: 831678
Conc: 5.31 ug/ml



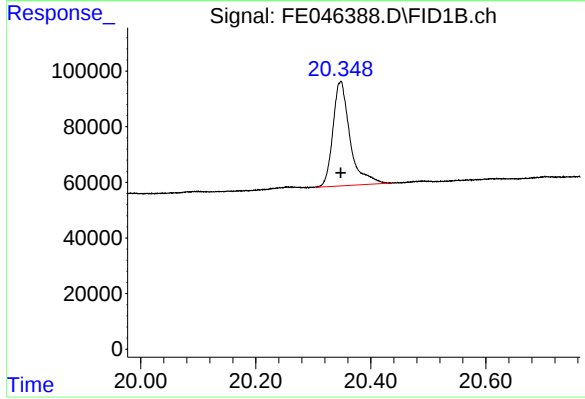
#18 n-Dotriacontane (C32)

R.T.: 18.819 min
Delta R.T.: 0.000 min
Response: 828762
Conc: 5.48 ug/ml



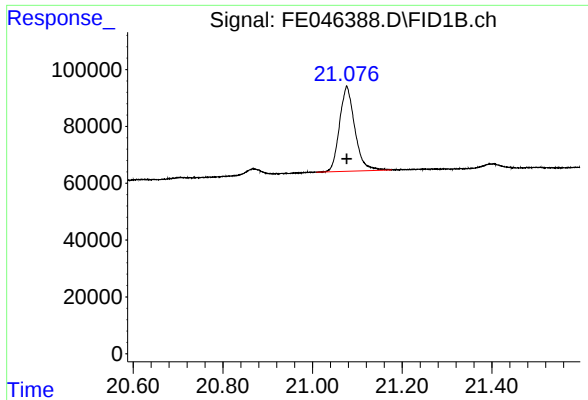
#19 n-Tetratriacontane (C34)

R.T.: 19.606 min
Delta R.T.: 0.000 min
Response: 755864
Conc: 5.33 ug/ml



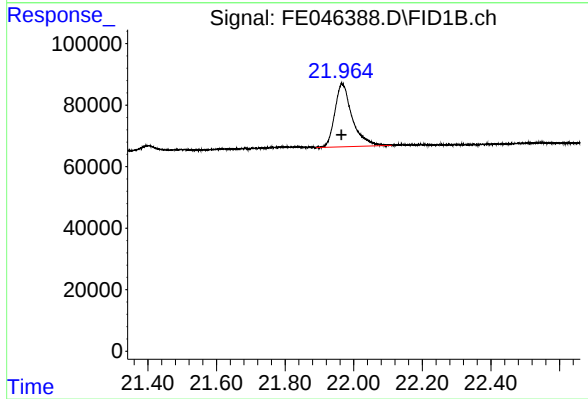
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: 0.000 min
Response: 775994
Conc: 5.63 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: 0.000 min
Response: 706910
Conc: 5.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: 0.000 min
Response: 722144
Conc: 5.78 ug/ml