

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071323AL\
 Data File : FE043186.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jul 2023 18:30
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 03:02:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:01:52 2023
 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)	11.898	937368	5.235 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
12) S 1-chlorooctadecane (S...	13.337	677459	5.156 ug/ml
Spiked Amount 50.000		Recovery =	10.31%
Target Compounds			
1) T n-Nonane (C9)	3.279	781728	5.120 ug/ml
2) T n-Decane (C10)	4.531	793067	5.087 ug/ml
3) T A~Naphthalene (C11.7)	6.243	751254	4.669 ug/ml
4) T n-Dodecane (C12)	6.701	800426	5.080 ug/ml
5) T A~2-methylnaphthalene...	7.340	684471	4.511 ug/ml
6) T n-Tetradecane (C14)	8.530	818780	5.177 ug/ml
7) T n-Hexadecane (C16)	10.137	835460	5.162 ug/ml
8) T n-Octadecane (C18)	11.580	851561	5.224 ug/ml
10) T n-Eicosane (C20)	12.890	815350	5.248 ug/ml
11) T n-Heneicosane (C21)	13.501	797760	5.266 ug/ml
13) T n-Docosane (C22)	14.088	784333	5.248 ug/ml
14) T n-Tetracosane (C24)	15.191	771241	5.252 ug/ml
15) T n-Hexacosane (C26)	16.213	750987	5.273 ug/ml
16) T n-Octacosane (C28)	17.163	768390	5.461 ug/ml
17) T n-Tricontane (C30)	18.050	855658	5.808 ug/ml
18) T n-Dotriacontane (C32)	18.882	892195	6.021 ug/ml
19) T n-Tetratriacontane (C34)	19.667	848217	5.877 ug/ml
20) T n-Hexatriacontane (C36)	20.407	816773	5.557 ug/ml
21) T n-Octatriacontane (C38)	21.145	786197	5.511 ug/ml
22) T n-Tetracontane (C40)	22.054	795126	5.388 ug/ml

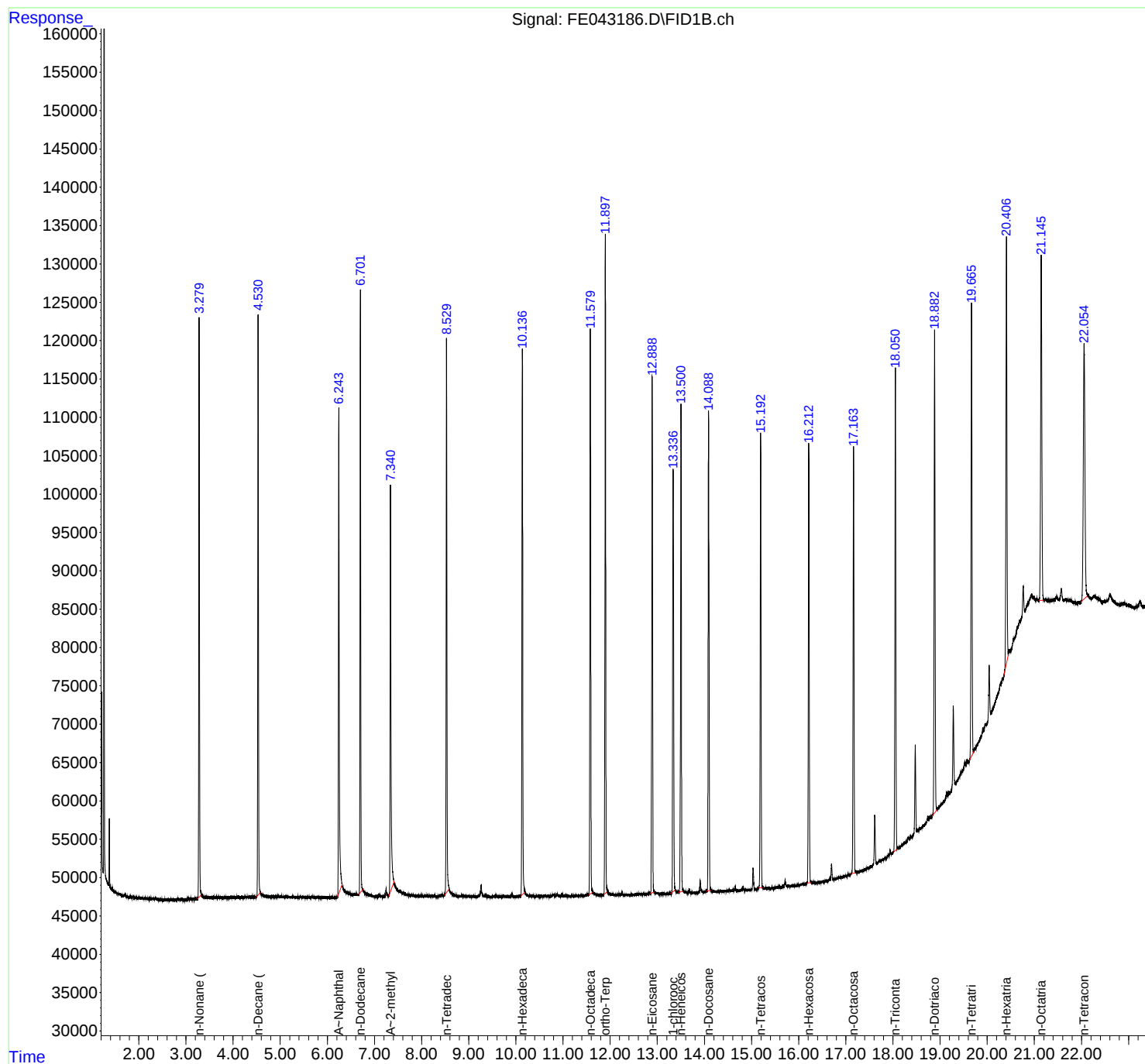
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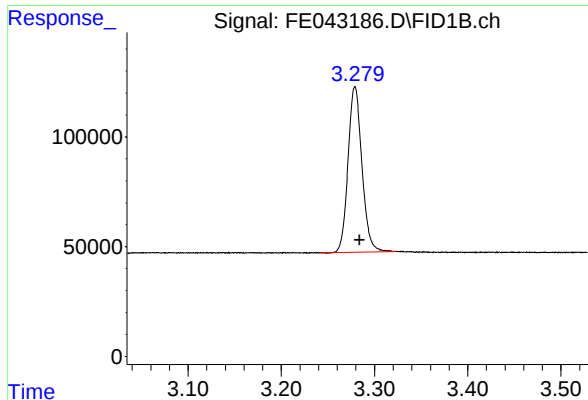
(m)=manual int.

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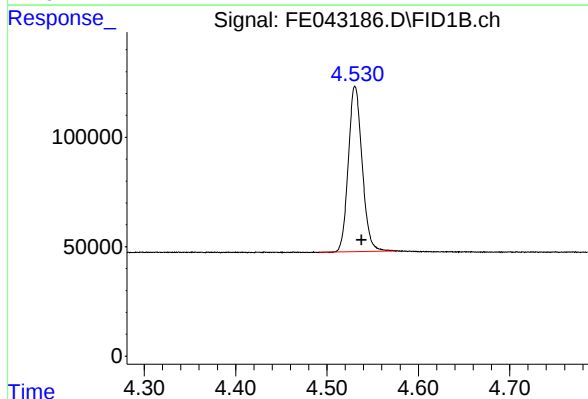
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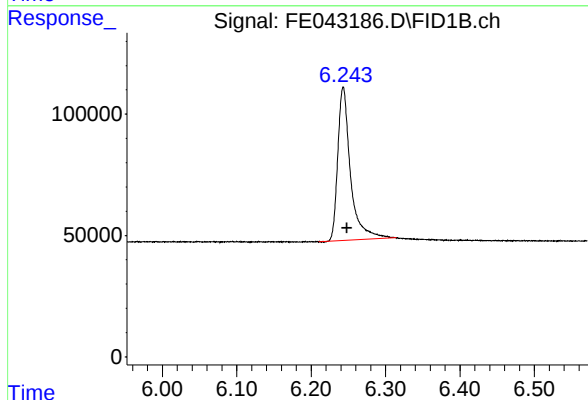
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.005 min
Response: 781728
Conc: 5.12 ug/ml



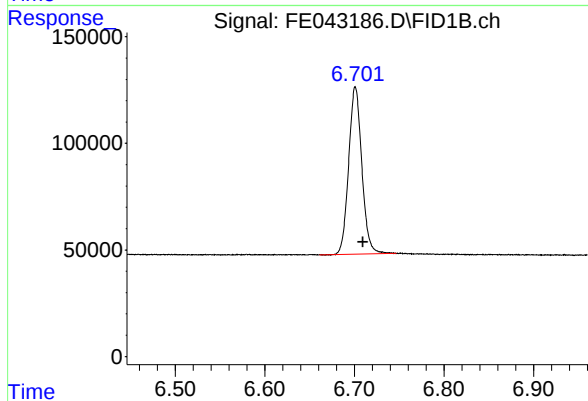
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.007 min
Response: 793067
Conc: 5.09 ug/ml



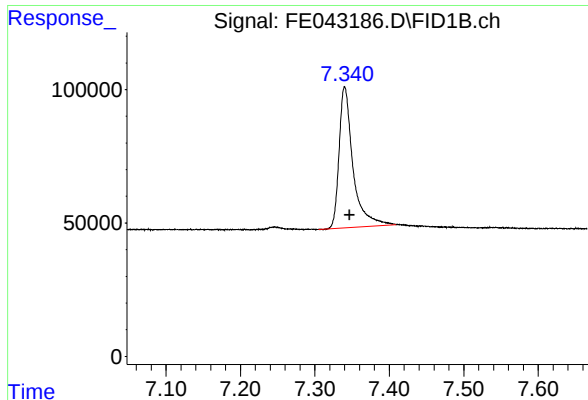
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.005 min
Response: 751254
Conc: 4.67 ug/ml



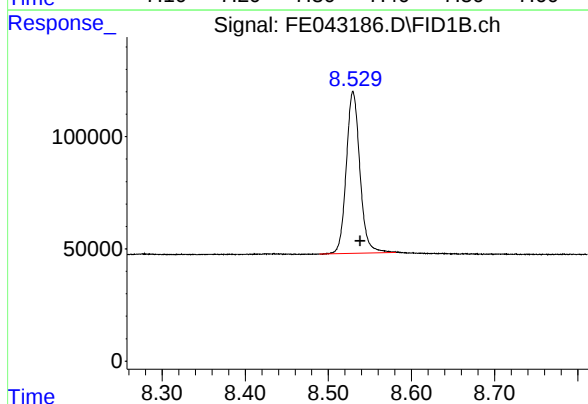
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.008 min
Response: 800426
Conc: 5.08 ug/ml



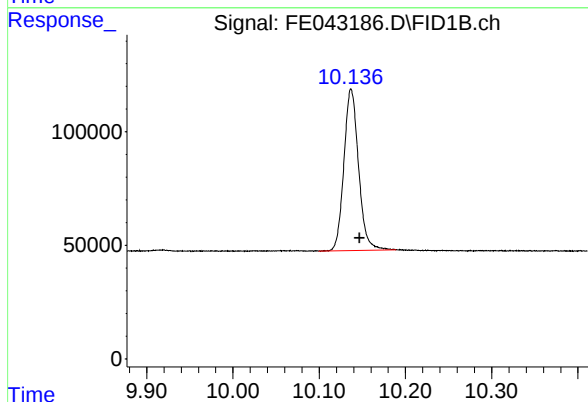
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.340 min
Delta R.T.: -0.007 min
Response: 684471
Conc: 4.51 ug/ml



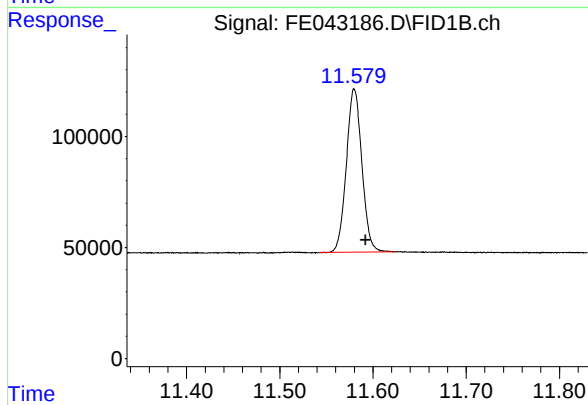
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: -0.009 min
Response: 818780
Conc: 5.18 ug/ml



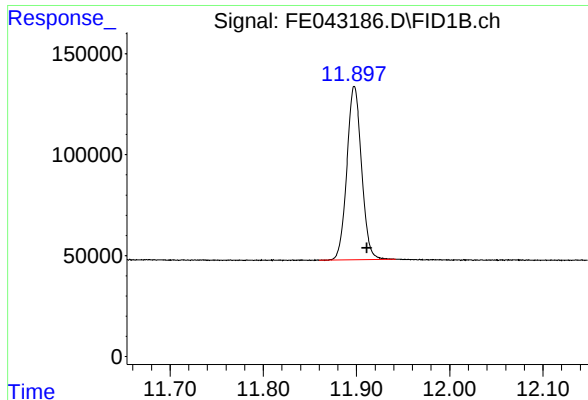
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.010 min
Response: 835460
Conc: 5.16 ug/ml



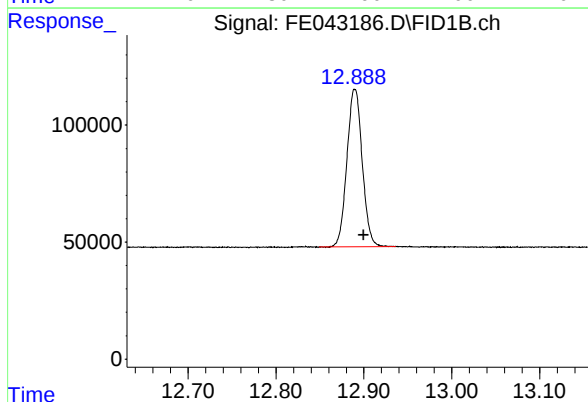
#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: -0.012 min
Response: 851561
Conc: 5.22 ug/ml



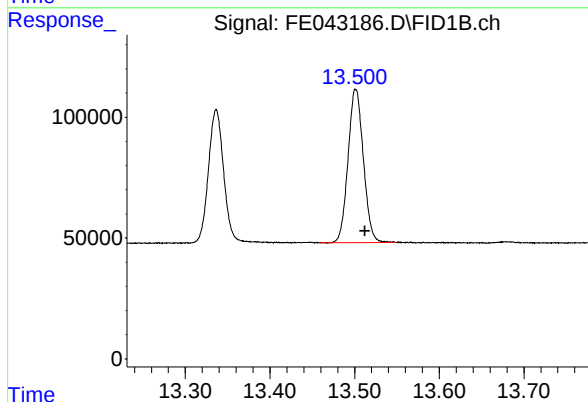
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: -0.014 min
Response: 937368
Conc: 5.23 ug/ml



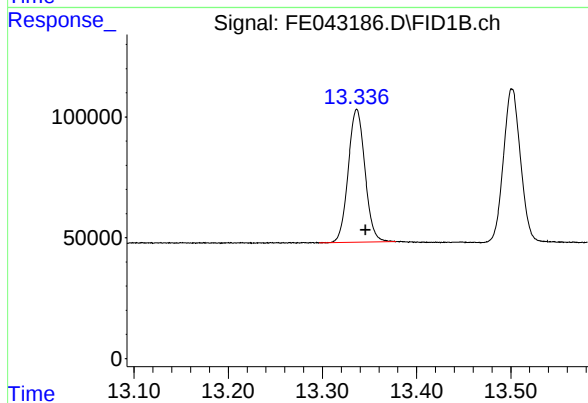
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: -0.010 min
Response: 815350
Conc: 5.25 ug/ml



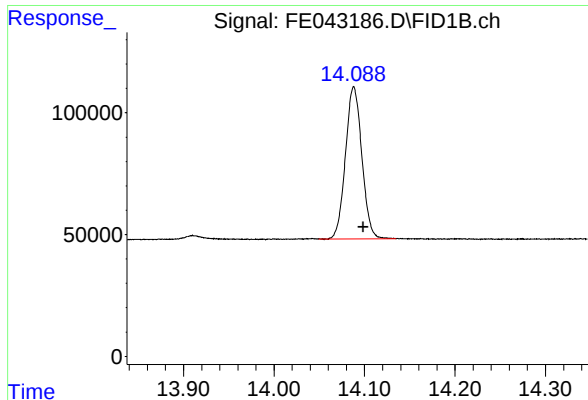
#11 n-Heneicosane (C21)

R.T.: 13.501 min
Delta R.T.: -0.011 min
Response: 797760
Conc: 5.27 ug/ml



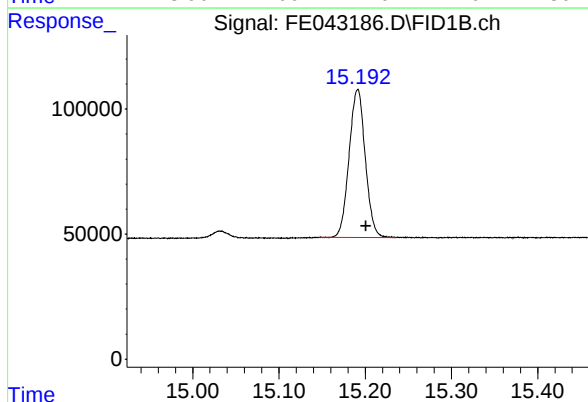
#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: -0.009 min
Response: 677459
Conc: 5.16 ug/ml



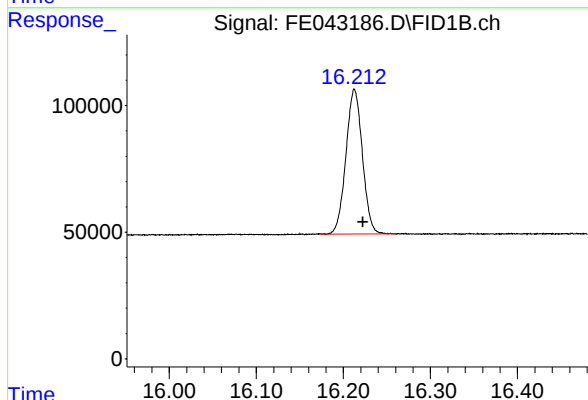
#13 n-Docosane (C22)

R.T.: 14.088 min
Delta R.T.: -0.010 min
Response: 784333
Conc: 5.25 ug/ml



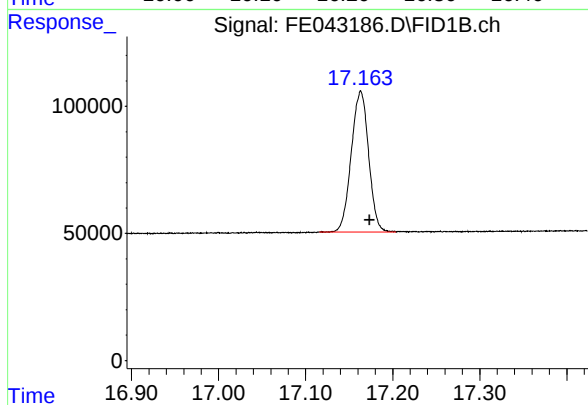
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.010 min
Response: 771241
Conc: 5.25 ug/ml



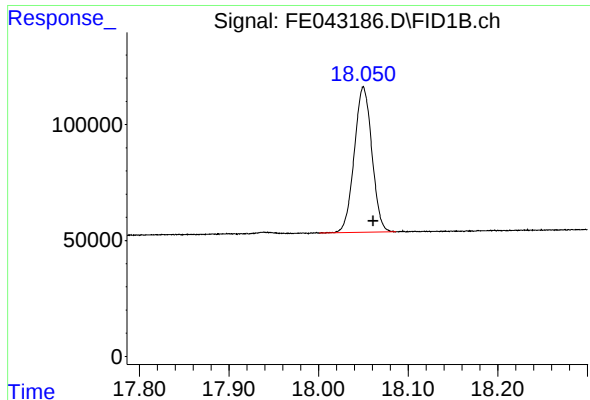
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: -0.010 min
Response: 750987
Conc: 5.27 ug/ml



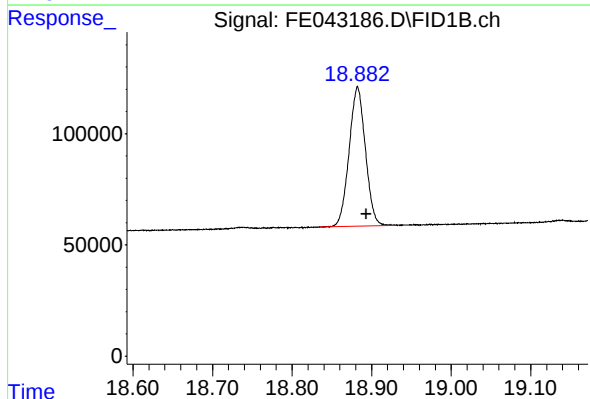
#16 n-Octacosane (C28)

R.T.: 17.163 min
Delta R.T.: -0.010 min
Response: 768390
Conc: 5.46 ug/ml



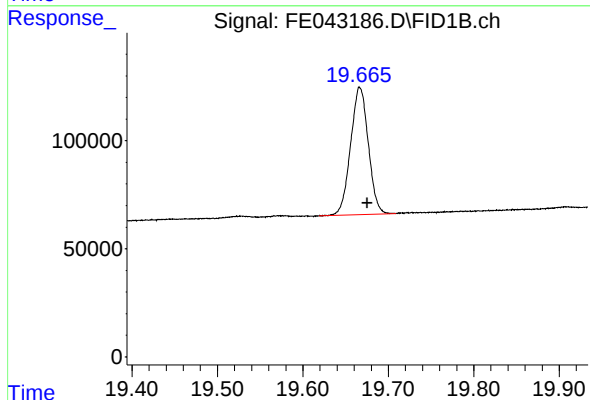
#17 n-Tricontane (C30)

R.T.: 18.050 min
Delta R.T.: -0.011 min
Response: 855658
Conc: 5.81 ug/ml



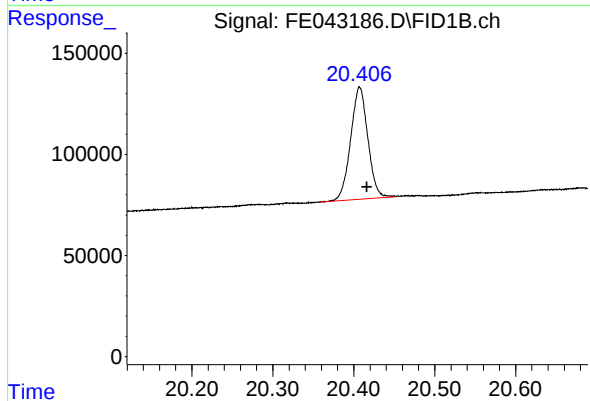
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.011 min
Response: 892195
Conc: 6.02 ug/ml



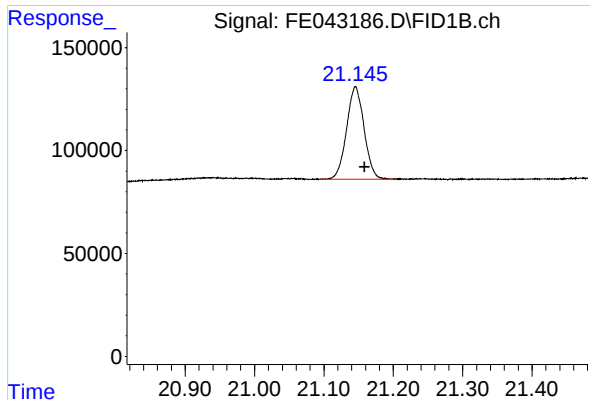
#19 n-Tetatriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.009 min
Response: 848217
Conc: 5.88 ug/ml



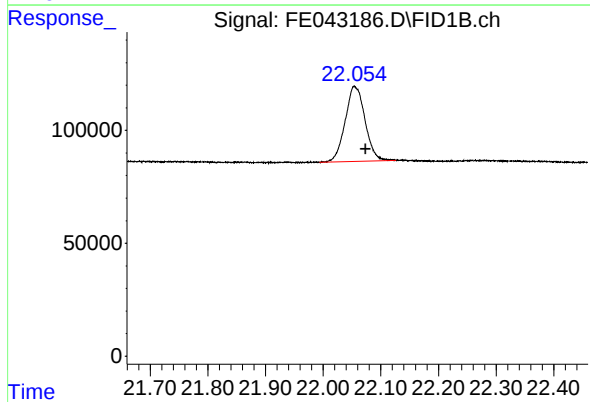
#20 n-Hexatriacontane (C36)

R.T.: 20.407 min
Delta R.T.: -0.009 min
Response: 816773
Conc: 5.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: -0.013 min
Response: 786197
Conc: 5.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.054 min
Delta R.T.: -0.020 min
Response: 795126
Conc: 5.39 ug/ml