

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072122AL\
 Data File : FE036636.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2022 21:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 22 02:10:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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)	11.854	3380645	18.151 ug/ml
Spiked Amount 50.000		Recovery =	36.30%
12) S 1-chlorooctadecane (S...	13.293	2701326	17.755 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
Target Compounds			
1) T n-Nonane (C9)	3.239	3077803	19.965 ug/ml
2) T n-Decane (C10)	4.494	3114335	20.204 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3442959	20.148 ug/ml
4) T n-Dodecane (C12)	6.663	3164137	20.146 ug/ml
5) T A~2-methylnaphthalene...	7.293	3433390	19.977 ug/ml
6) T n-Tetradecane (C14)	8.490	3244119	19.871 ug/ml
7) T n-Hexadecane (C16)	10.098	3188284	19.343 ug/ml
8) T n-Octadecane (C18)	11.540	3189356	18.766 ug/ml
10) T n-Eicosane (C20)	12.849	3081587	18.116 ug/ml
11) T n-Heneicosane (C21)	13.461	3044618	17.789 ug/ml
13) T n-Docosane (C22)	14.047	3002224	17.584 ug/ml
14) T n-Tetracosane (C24)	15.151	2933671	17.210 ug/ml
15) T n-Hexacosane (C26)	16.173	2812303	16.821 ug/ml
16) T n-Octacosane (C28)	17.122	2756279	16.876 ug/ml
17) T n-Tricontane (C30)	18.011	2617671	17.226 ug/ml
18) T n-Dotriacontane (C32)	18.844	2157657	17.940 ug/ml
19) T n-Tetratriacontane (C34)	19.625	1608838	19.319 ug/mlm
20) T n-Hexatriacontane (C36)	20.368	1256086	21.392 ug/ml
21) T n-Octatriacontane (C38)	21.091	1158438	23.105 ug/mlm
22) T n-Tetracontane (C40)	21.982	1119590	21.680 ug/mlm

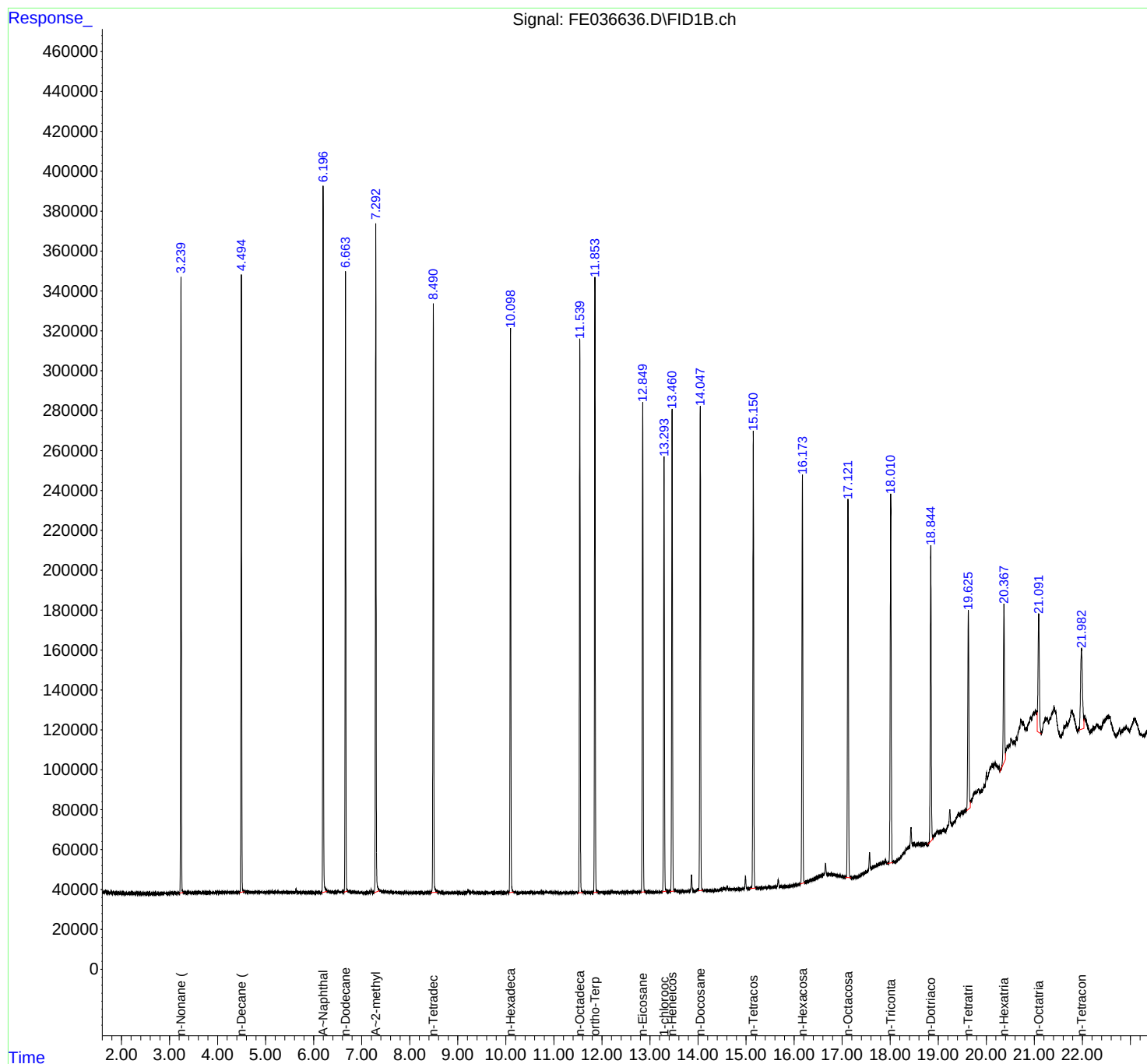
(f)=RT Delta > 1/2 Window

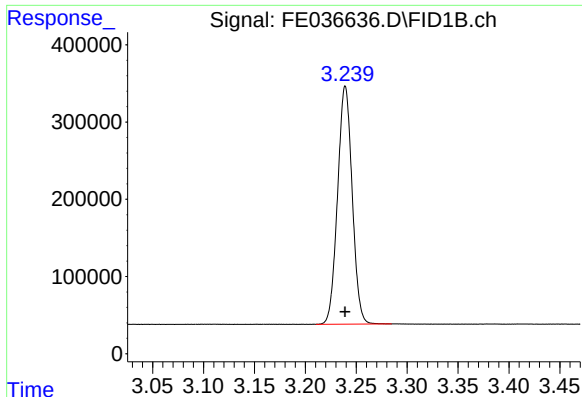
(m)=manual int.

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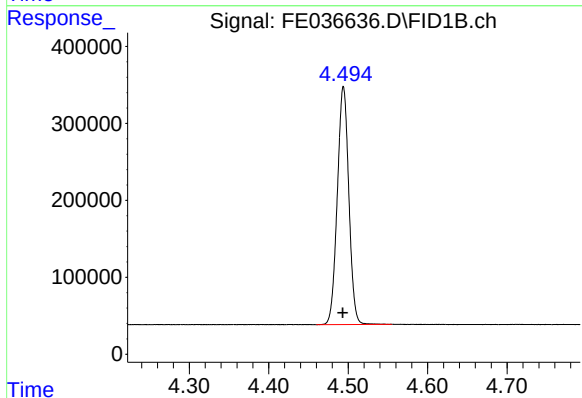
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





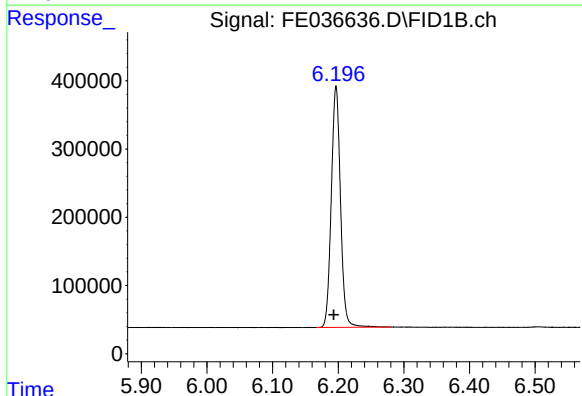
#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 3077803
Conc: 19.97 ug/ml



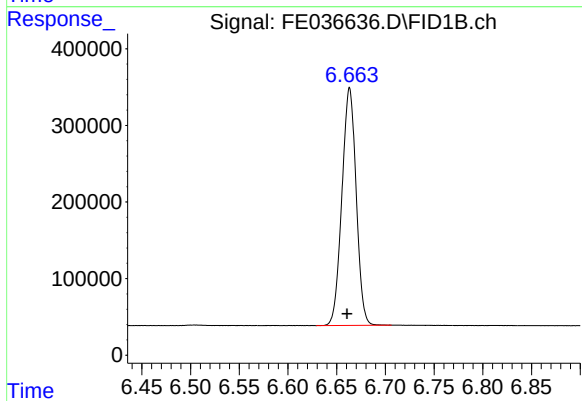
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 3114335
Conc: 20.20 ug/ml



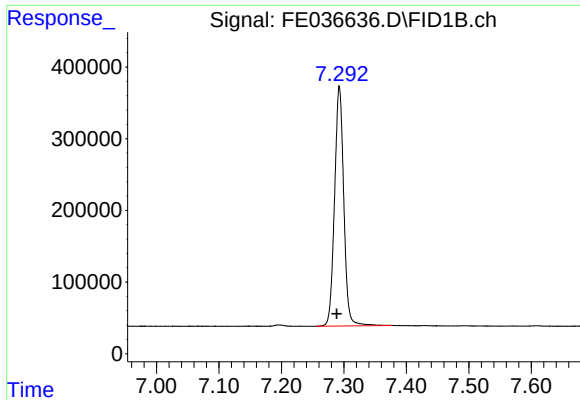
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 3442959
Conc: 20.15 ug/ml



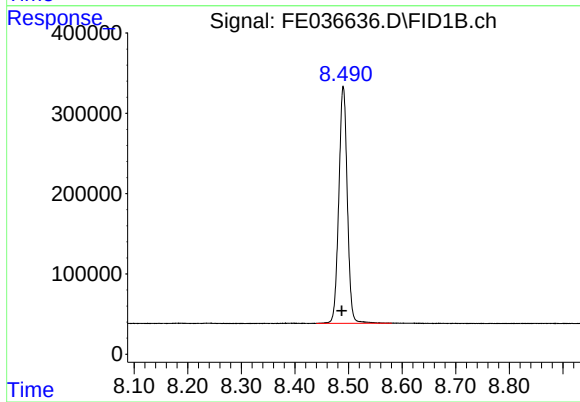
#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: 0.003 min
Response: 3164137
Conc: 20.15 ug/ml



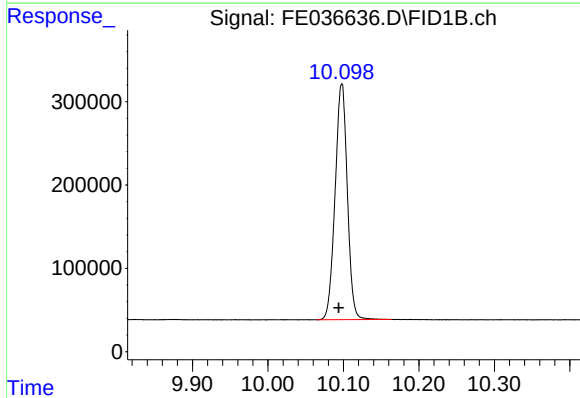
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: 0.005 min
Response: 3433390
Conc: 19.98 ug/ml



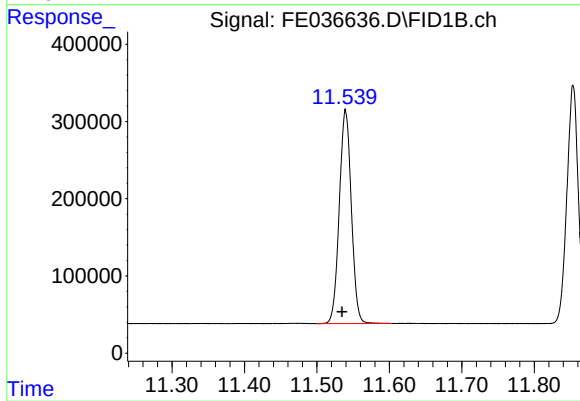
#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 3244119
Conc: 19.87 ug/ml



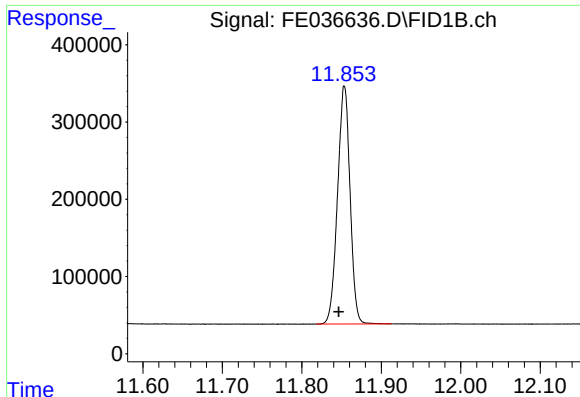
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: 0.004 min
Response: 3188284
Conc: 19.34 ug/ml



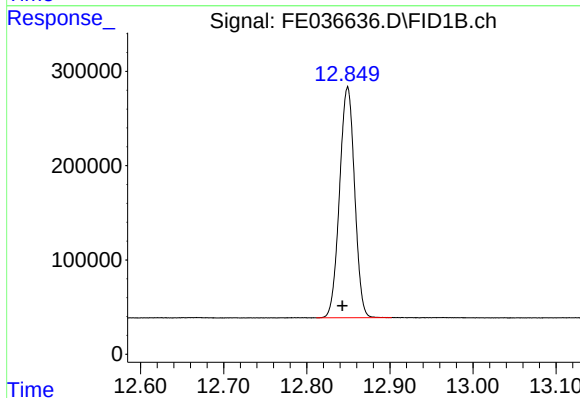
#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: 0.005 min
Response: 3189356
Conc: 18.77 ug/ml



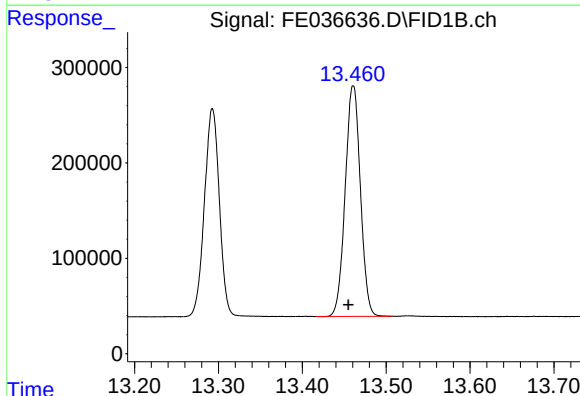
#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.007 min
Response: 3380645
Conc: 18.15 ug/ml



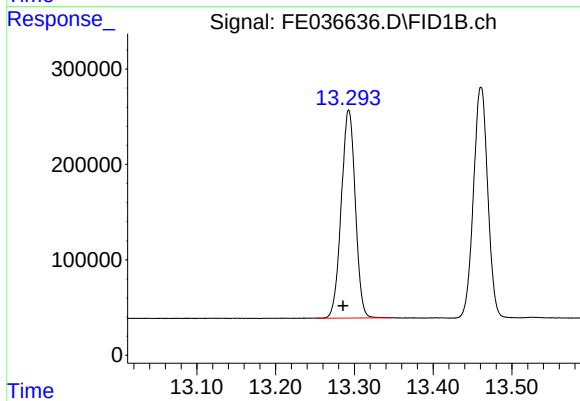
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.006 min
Response: 3081587
Conc: 18.12 ug/ml



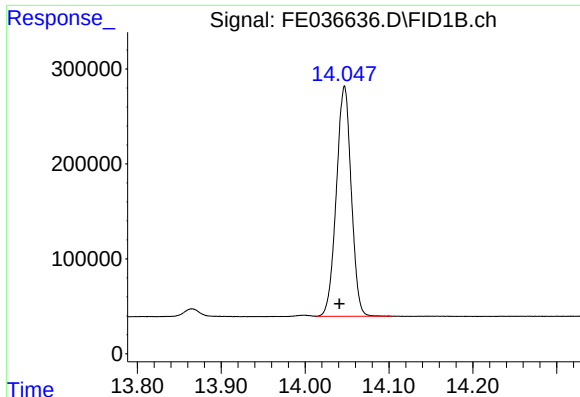
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: 0.006 min
Response: 3044618
Conc: 17.79 ug/ml



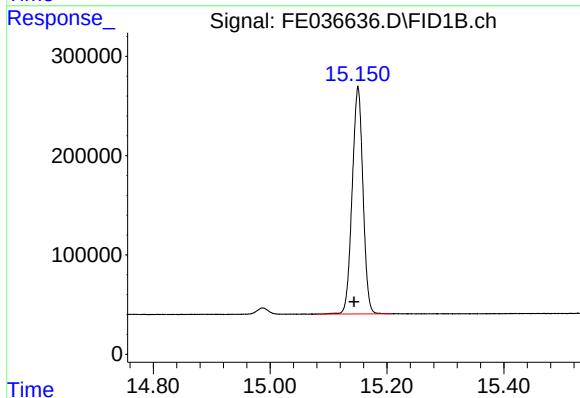
#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: 0.007 min
Response: 2701326
Conc: 17.75 ug/ml



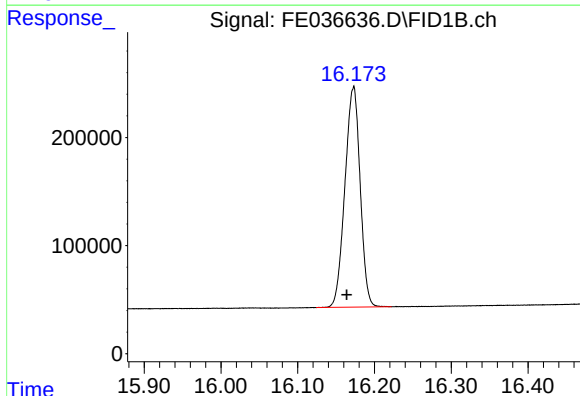
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: 0.006 min
Response: 3002224
Conc: 17.58 ug/ml



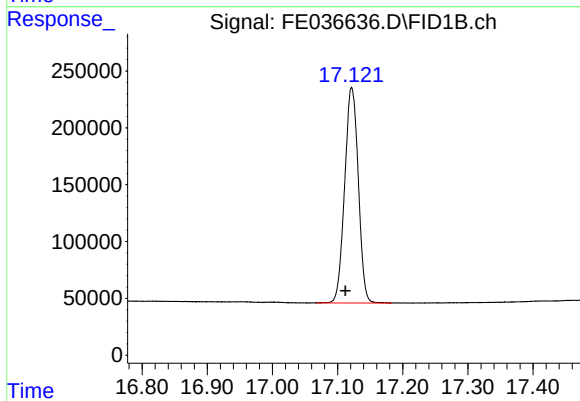
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: 0.007 min
Response: 2933671
Conc: 17.21 ug/ml



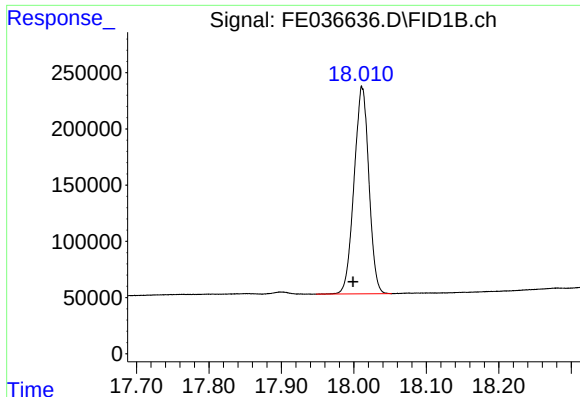
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: 0.009 min
Response: 2812303
Conc: 16.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: 0.009 min
Response: 2756279
Conc: 16.88 ug/ml



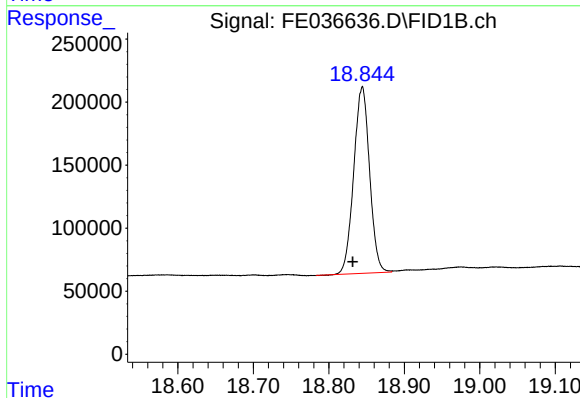
#17 n-Tricontane (C30)

R.T.: 18.011 min

Delta R.T.: 0.013 min

Response: 2617671

Conc: 17.23 ug/ml



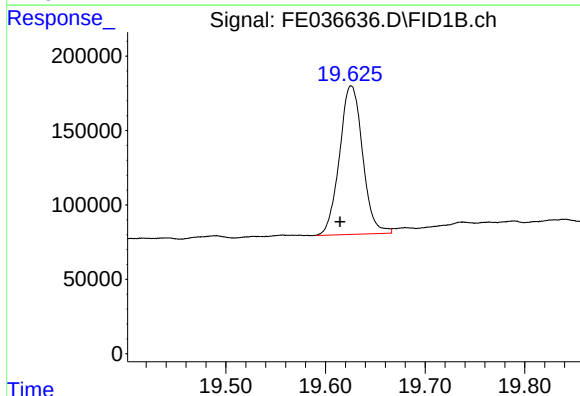
#18 n-Dotriacontane (C32)

R.T.: 18.844 min

Delta R.T.: 0.013 min

Response: 2157657

Conc: 17.94 ug/ml



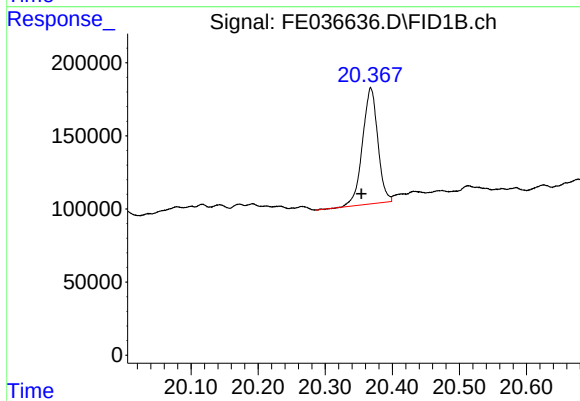
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min

Delta R.T.: 0.010 min

Response: 1608838

Conc: 19.32 ug/ml m



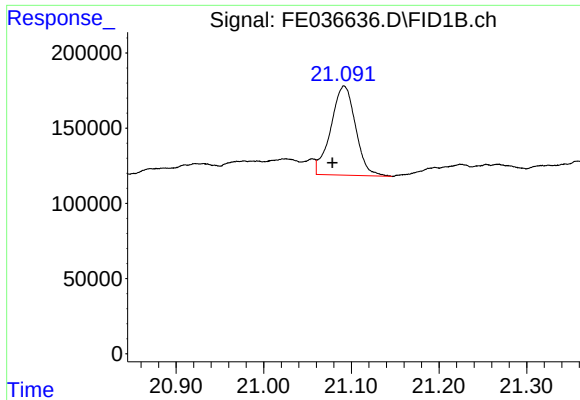
#20 n-Hexatriacontane (C36)

R.T.: 20.368 min

Delta R.T.: 0.014 min

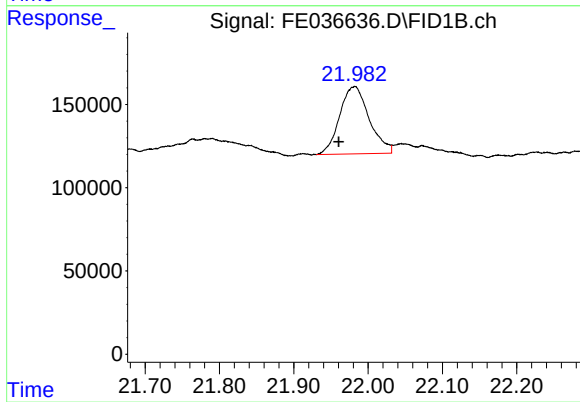
Response: 1256086

Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: 0.013 min
Response: 1158438
Conc: 23.11 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: 0.021 min
Response: 1119590
Conc: 21.68 ug/ml m