

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091622AL\
 Data File : FE037643.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2022 00:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 12:24:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.623	2778547	16.442 ug/ml
Spiked Amount 50.000		Recovery =	32.88%
12) S 1-chlorooctadecane (S...	13.046	2135162	16.590 ug/ml
Spiked Amount 50.000		Recovery =	33.18%
Target Compounds			
1) T n-Nonane (C9)	3.021	2472564	16.160 ug/ml
2) T n-Decane (C10)	4.278	2640373	17.126 ug/ml
3) T A~Naphthalene (C11.7)	5.994	2535344	17.598 ug/ml
4) T n-Dodecane (C12)	6.450	2718891	17.194 ug/ml
5) T A~2-methylnaphthalene...	7.087	2474319	17.723 ug/ml
6) T n-Tetradecane (C14)	9.867	2737651	17.277 ug/ml
7) T n-Hexadecane (C16)	9.867	2737651	17.277 ug/ml
8) T n-Octadecane (C18)	11.301	2706939	16.999 ug/ml
10) T n-Eicosane (C20)	12.603	2636415	16.663 ug/ml
11) T n-Heneicosane (C21)	13.211	2592820	16.443 ug/ml
13) T n-Docosane (C22)	13.794	2555242	16.415 ug/ml
14) T n-Tetracosane (C24)	14.891	2498726	16.613 ug/ml
15) T n-Hexacosane (C26)	15.906	2438308	16.839 ug/ml
16) T n-Octacosane (C28)	16.850	2533691	18.289 ug/ml
17) T n-Tricontane (C30)	17.733	2921228	21.475 ug/ml
18) T n-Dotriacontane (C32)	18.562	3138035	23.500 ug/ml
19) T n-Tetratriacontane (C34)	19.341	2966791	23.448 ug/ml
20) T n-Hexatriacontane (C36)	20.076	1302957	10.131 ug/ml
21) T n-Octatriacontane (C38)	20.773	2259864	18.157 ug/ml
22) T n-Tetracontane (C40)	21.546	2780226	21.566 ug/ml

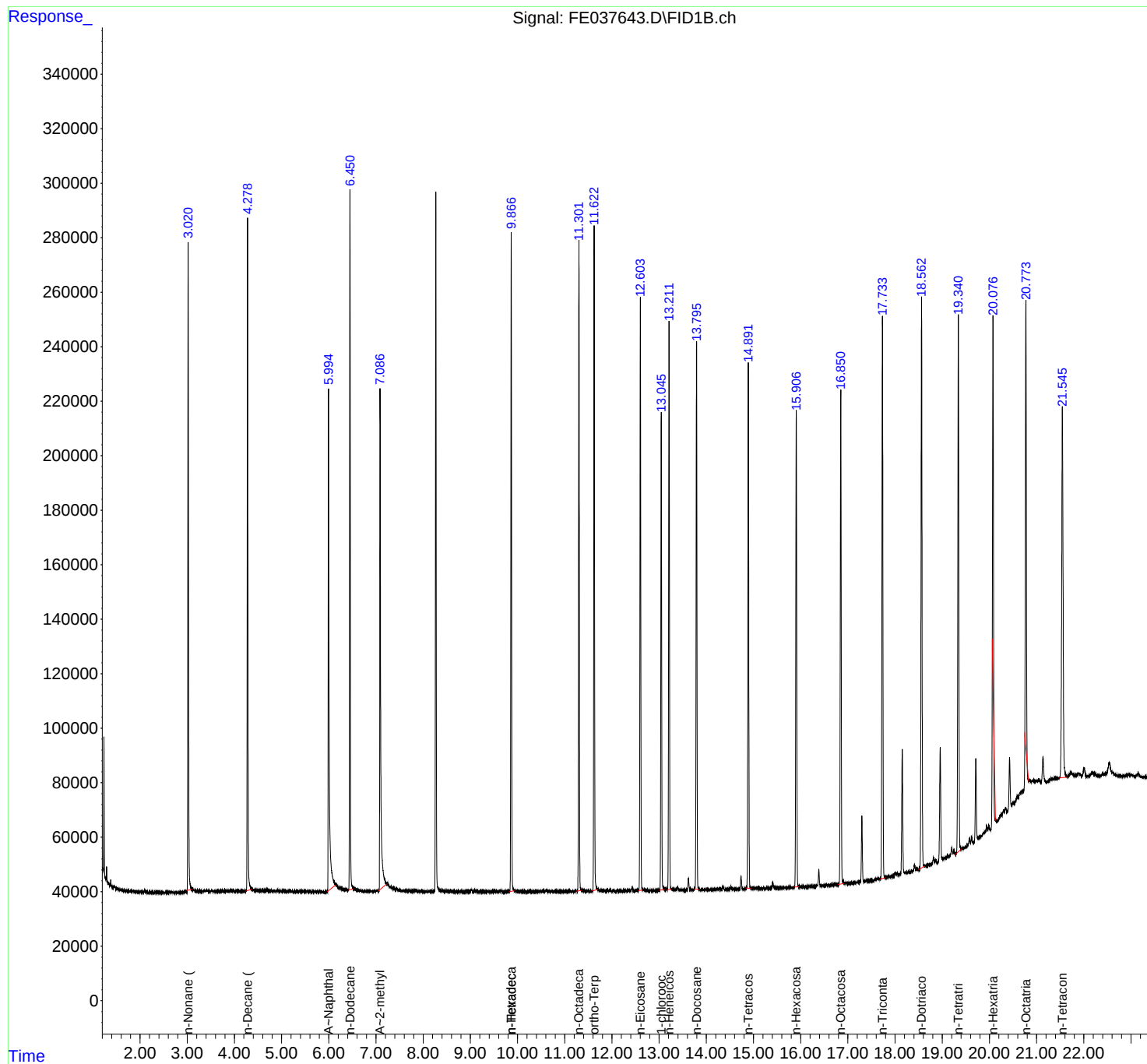
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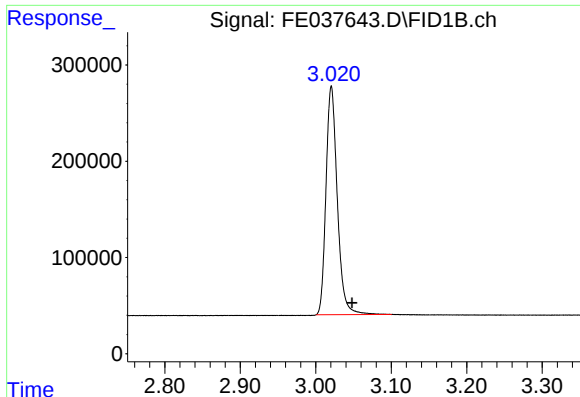
(m)=manual int.

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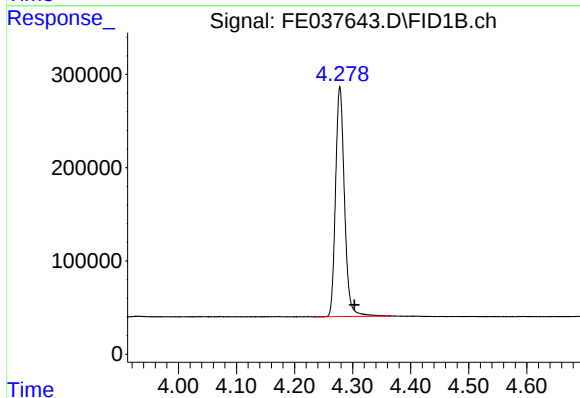
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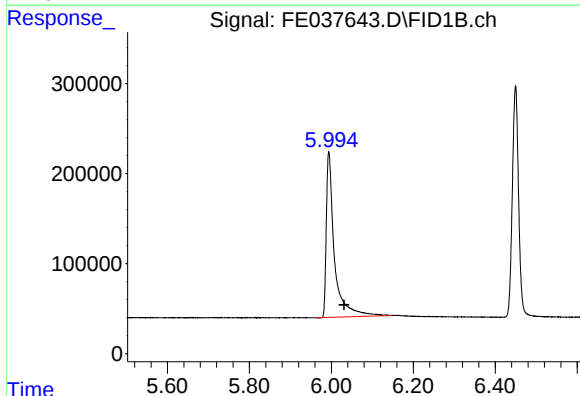
#1 n-Nonane (C9)

R.T.: 3.021 min
Delta R.T.: -0.027 min
Response: 2472564
Conc: 16.16 ug/ml



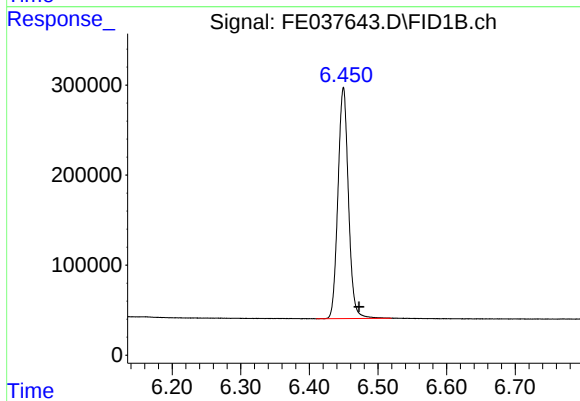
#2 n-Decane (C10)

R.T.: 4.278 min
Delta R.T.: -0.025 min
Response: 2640373
Conc: 17.13 ug/ml



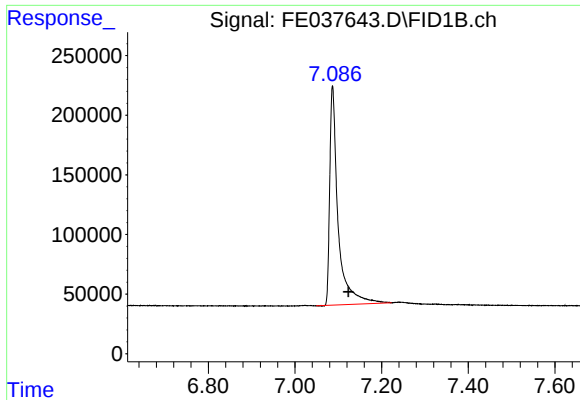
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.037 min
Response: 2535344
Conc: 17.60 ug/ml



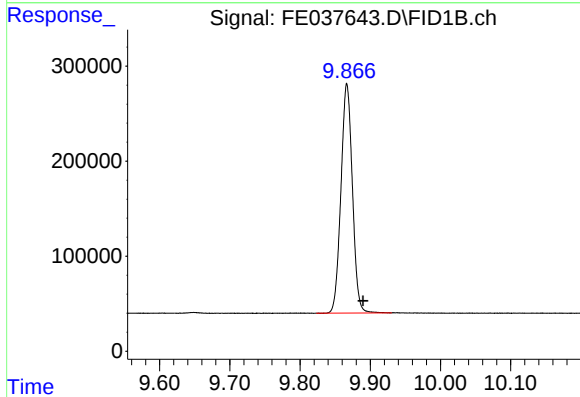
#4 n-Dodecane (C12)

R.T.: 6.450 min
Delta R.T.: -0.023 min
Response: 2718891
Conc: 17.19 ug/ml



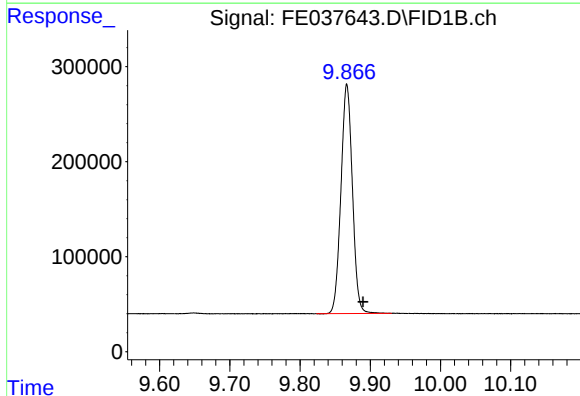
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.036 min
Response: 2474319
Conc: 17.72 ug/ml



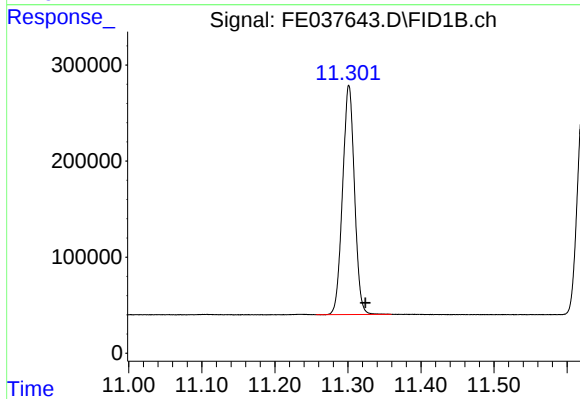
#6 n-Tetradecane (C14)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 2737651
Conc: 17.28 ug/ml



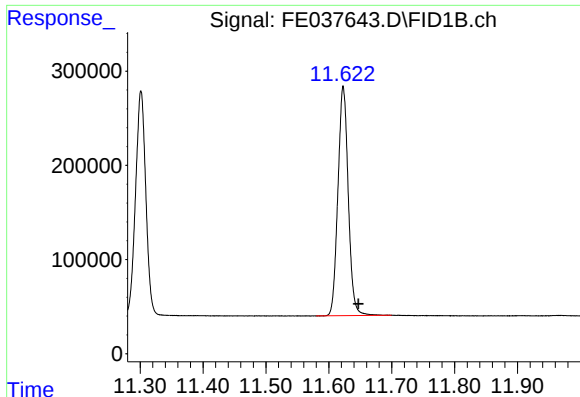
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 2737651
Conc: 17.28 ug/ml



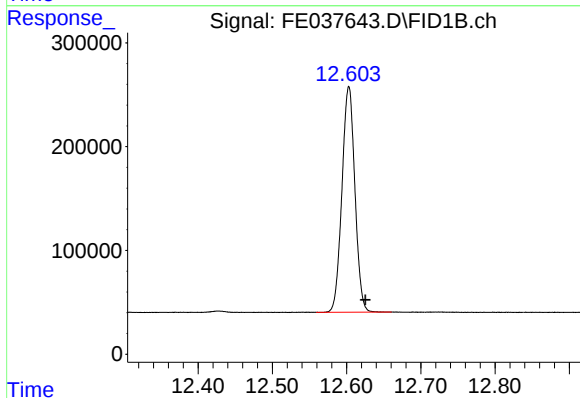
#8 n-Octadecane (C18)

R.T.: 11.301 min
Delta R.T.: -0.023 min
Response: 2706939
Conc: 17.00 ug/ml



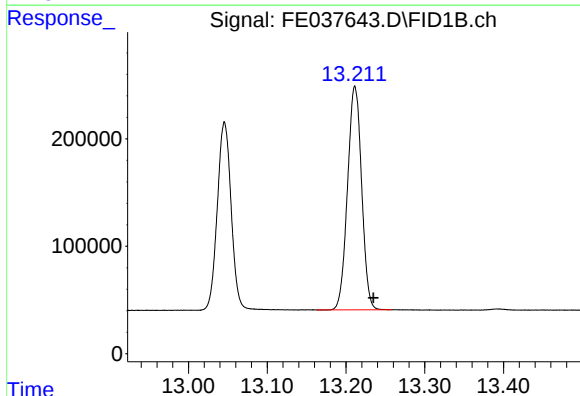
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: -0.024 min
Response: 2778547
Conc: 16.44 ug/ml



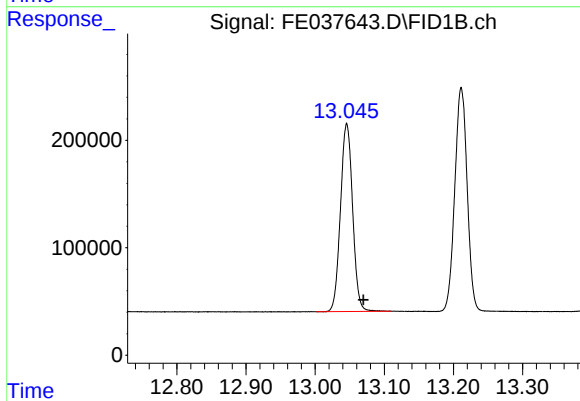
#10 n-Eicosane (C20)

R.T.: 12.603 min
Delta R.T.: -0.022 min
Response: 2636415
Conc: 16.66 ug/ml



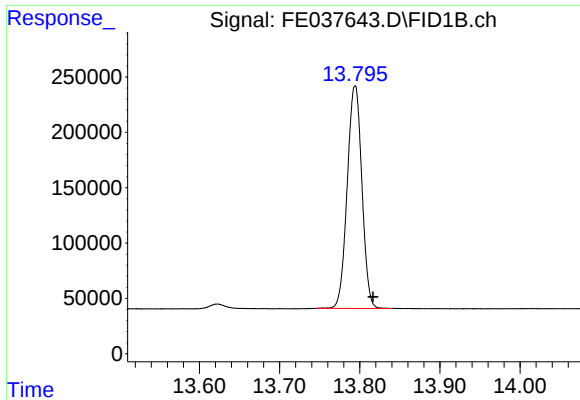
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: -0.023 min
Response: 2592820
Conc: 16.44 ug/ml



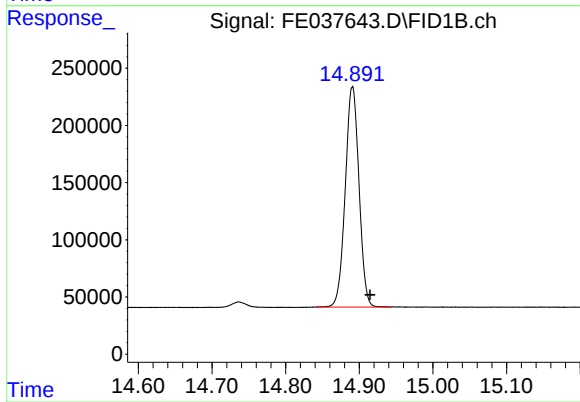
#12 1-chlorooctadecane (SURR)

R.T.: 13.046 min
Delta R.T.: -0.024 min
Response: 2135162
Conc: 16.59 ug/ml



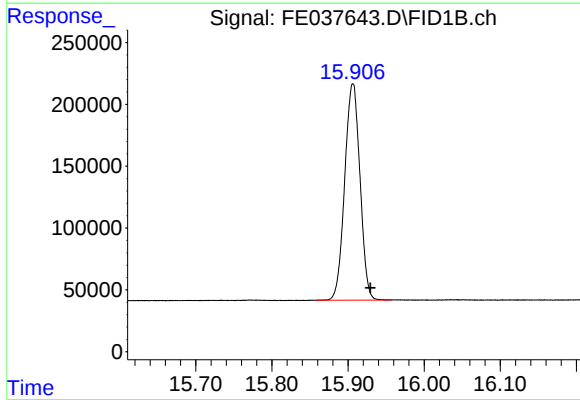
#13 n-Docosane (C22)

R.T.: 13.794 min
Delta R.T.: -0.022 min
Response: 2555242
Conc: 16.41 ug/ml



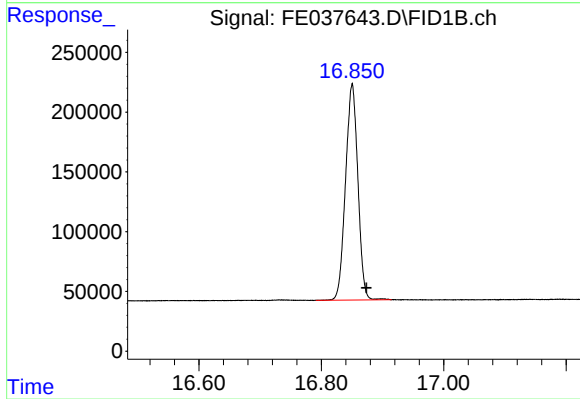
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.024 min
Response: 2498726
Conc: 16.61 ug/ml



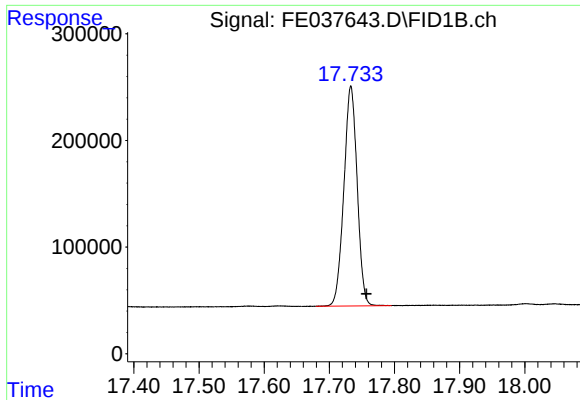
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: -0.023 min
Response: 2438308
Conc: 16.84 ug/ml



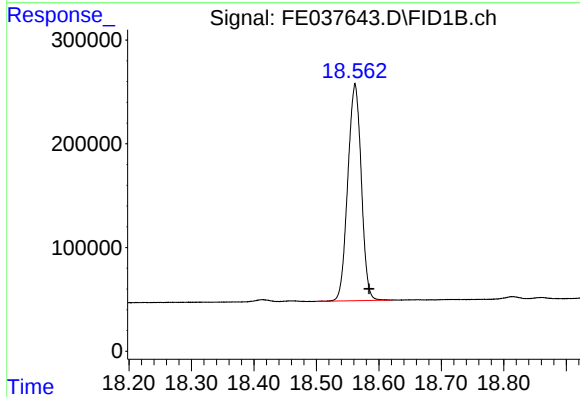
#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.023 min
Response: 2533691
Conc: 18.29 ug/ml



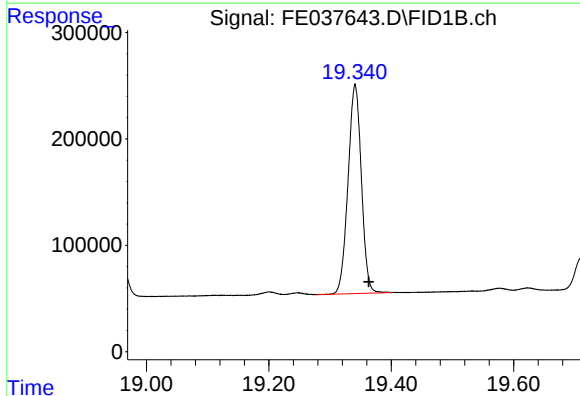
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.024 min
Response: 2921228
Conc: 21.47 ug/ml



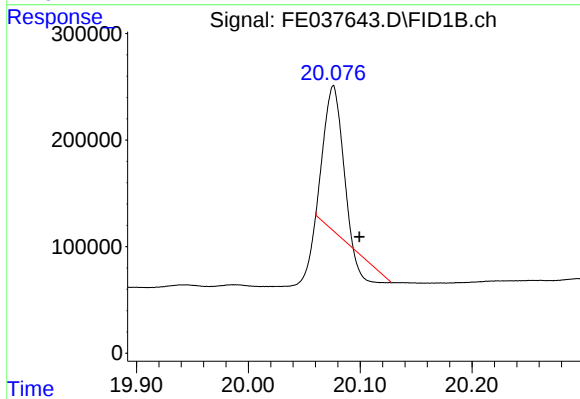
#18 n-Dotriacontane (C32)

R.T.: 18.562 min
Delta R.T.: -0.022 min
Response: 3138035
Conc: 23.50 ug/ml



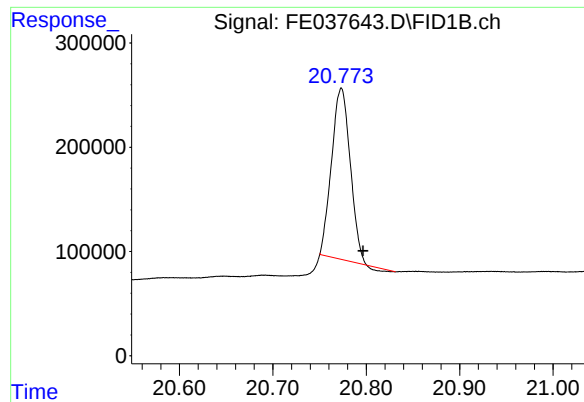
#19 n-Tetratriacontane (C34)

R.T.: 19.341 min
Delta R.T.: -0.022 min
Response: 2966791
Conc: 23.45 ug/ml



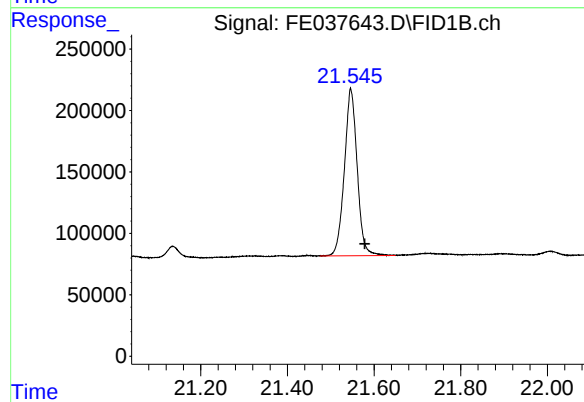
#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: -0.023 min
Response: 1302957
Conc: 10.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: -0.023 min
Response: 2259864
Conc: 18.16 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.546 min
Delta R.T.: -0.032 min
Response: 2780226
Conc: 21.57 ug/ml