

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080222AL\
 Data File : FD043466.D
 Signal(s) : FID2B.ch
 Acq On : 02 Aug 2022 13:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 03 04:59:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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)	11.530	3160160	19.964 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
12) S 1-chlorooctadecane (S...	12.967	2445366	19.952 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T n-Nonane (C9)	3.310	3077025	21.953 ug/ml
2) T n-Decane (C10)	4.374	3094946	22.011 ug/ml
3) T A~Naphthalene (C11.7)	5.953	3322894	21.869 ug/ml
4) T n-Dodecane (C12)	6.388	3114307	21.881 ug/ml
5) T A~2-methylnaphthalene...	7.007	3270800	21.860 ug/ml
6) T n-Tetradecane (C14)	8.180	3073115	21.664 ug/ml
7) T n-Hexadecane (C16)	9.777	3042133	21.449 ug/ml
8) T n-Octadecane (C18)	11.217	2998585	20.971 ug/ml
10) T n-Eicosane (C20)	12.524	2929731	20.234 ug/ml
11) T n-Heneicosane (C21)	13.134	2888968	19.890 ug/ml
13) T n-Docosane (C22)	13.719	2849665	19.642 ug/ml
14) T n-Tetracosane (C24)	14.819	2741531	18.924 ug/ml
15) T n-Hexacosane (C26)	15.838	2650618	18.428 ug/ml
16) T n-Octacosane (C28)	16.785	2568151	18.154 ug/ml
17) T n-Tricontane (C30)	17.670	2574287	18.239 ug/ml
18) T n-Dotriacontane (C32)	18.500	2560442	18.516 ug/ml
19) T n-Tetratriacontane (C34)	19.282	2468109	19.179 ug/ml
20) T n-Hexatriacontane (C36)	20.020	2459939	19.943 ug/ml
21) T n-Octatriacontane (C38)	20.741	2690616	22.754 ug/ml
22) T n-Tetracontane (C40)	21.620	2422363	21.423 ug/ml

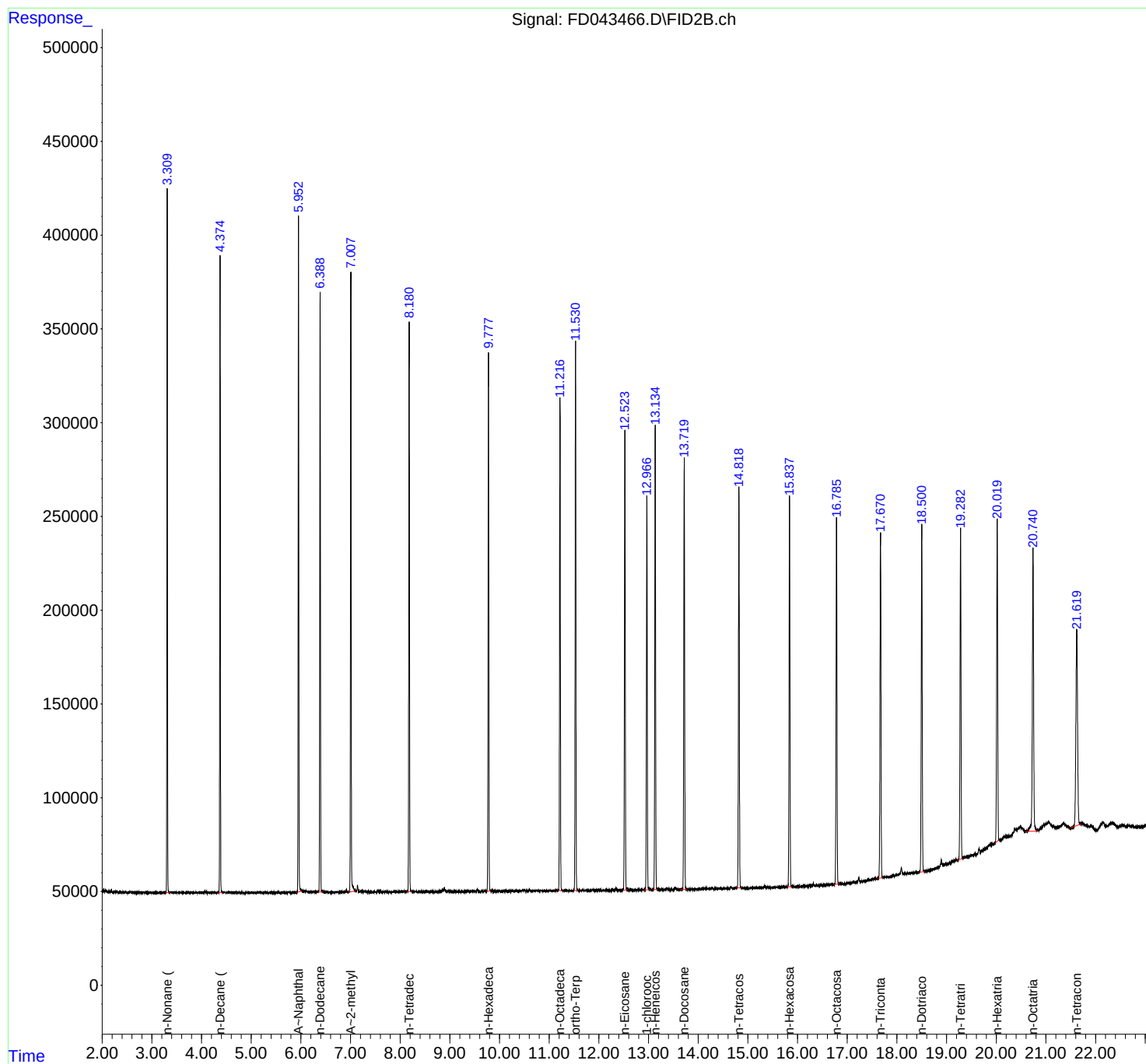
(f)=RT Delta > 1/2 Window

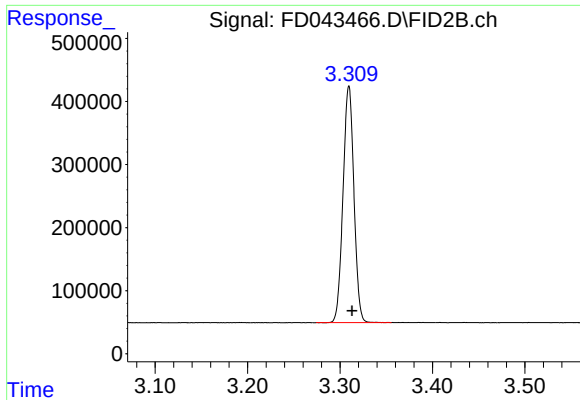
(m)=manual int.

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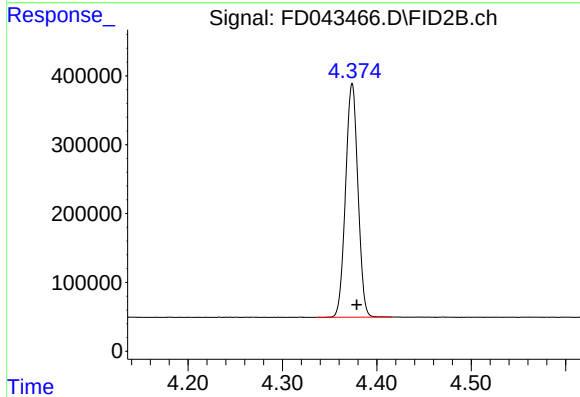
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Signal Info : 20M x 0.18mm x 0.18um





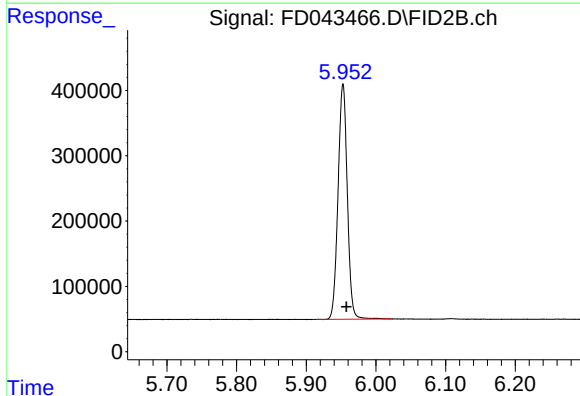
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.003 min
Response: 3077025
Conc: 21.95 ug/ml



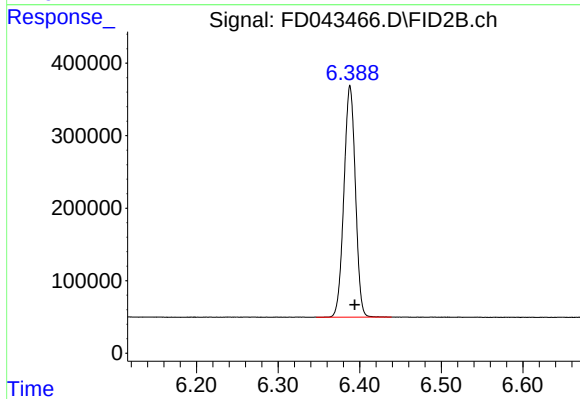
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: -0.005 min
Response: 3094946
Conc: 22.01 ug/ml



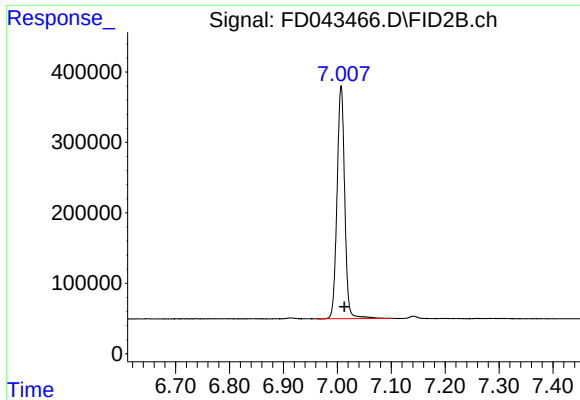
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 3322894
Conc: 21.87 ug/ml



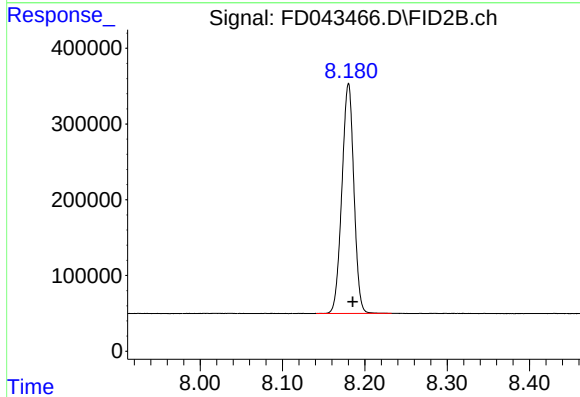
#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 3114307
Conc: 21.88 ug/ml



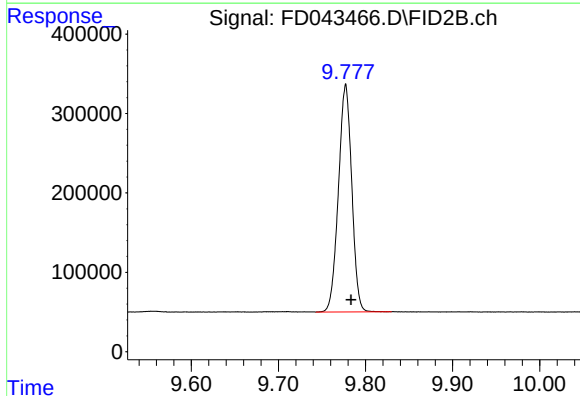
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: -0.006 min
Response: 3270800
Conc: 21.86 ug/ml



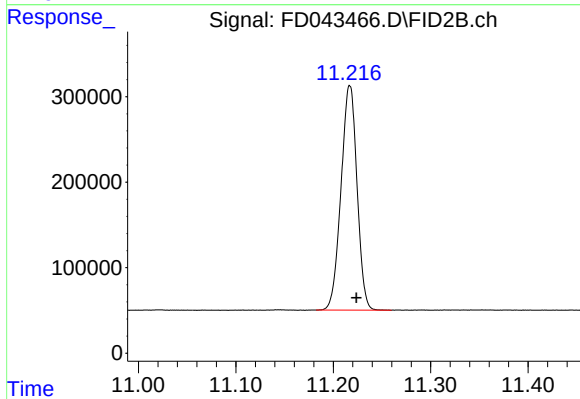
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 3073115
Conc: 21.66 ug/ml



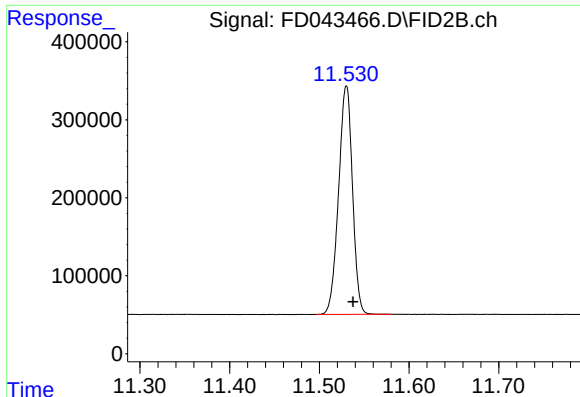
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.006 min
Response: 3042133
Conc: 21.45 ug/ml



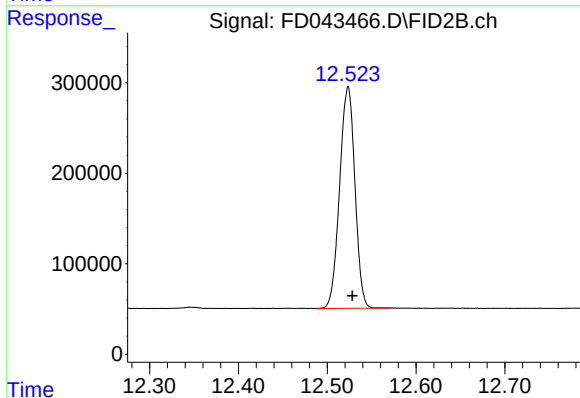
#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.007 min
Response: 2998585
Conc: 20.97 ug/ml



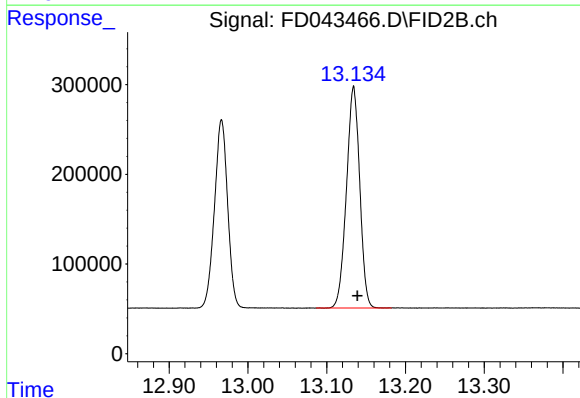
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 3160160
Conc: 19.96 ug/ml



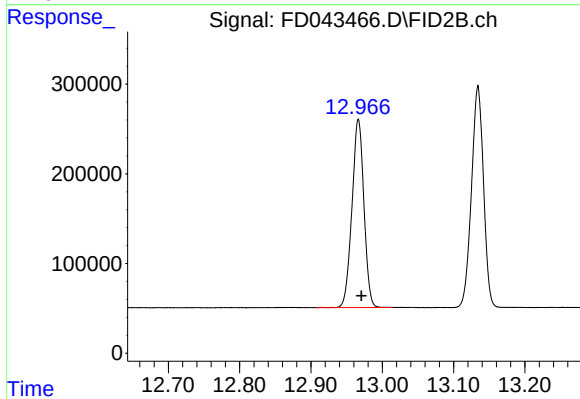
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.005 min
Response: 2929731
Conc: 20.23 ug/ml



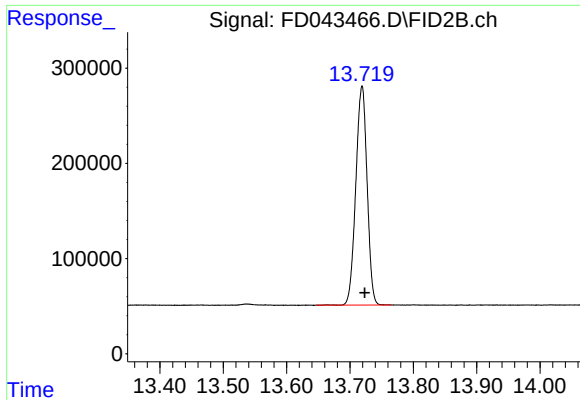
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.005 min
Response: 2888968
Conc: 19.89 ug/ml



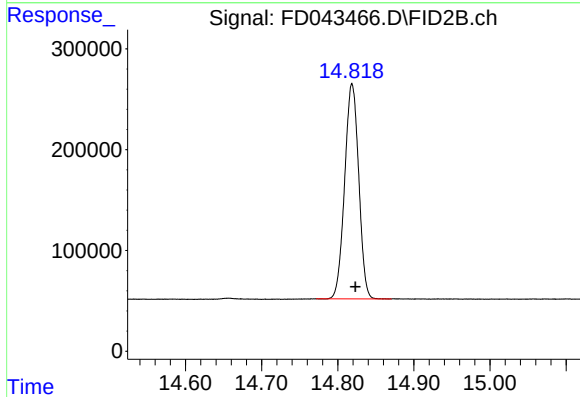
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min
Delta R.T.: -0.004 min
Response: 2445366
Conc: 19.95 ug/ml



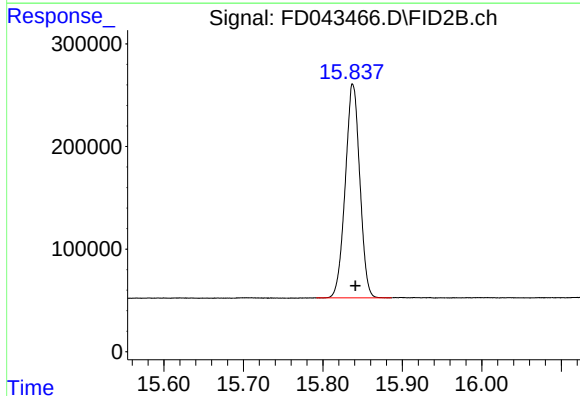
#13 n-Docosane (C22)

R.T.: 13.719 min
Delta R.T.: -0.004 min
Response: 2849665
Conc: 19.64 ug/ml



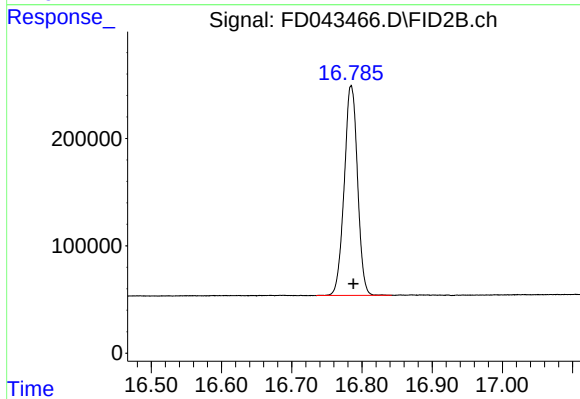
#14 n-Tetracosane (C24)

R.T.: 14.819 min
Delta R.T.: -0.004 min
Response: 2741531
Conc: 18.92 ug/ml



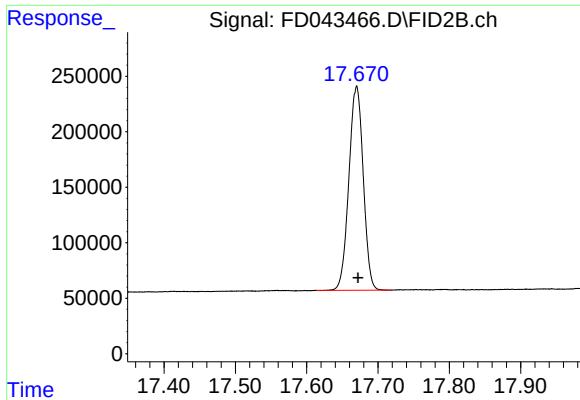
#15 n-Hexacosane (C26)

R.T.: 15.838 min
Delta R.T.: -0.003 min
Response: 2650618
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.785 min
Delta R.T.: -0.003 min
Response: 2568151
Conc: 18.15 ug/ml



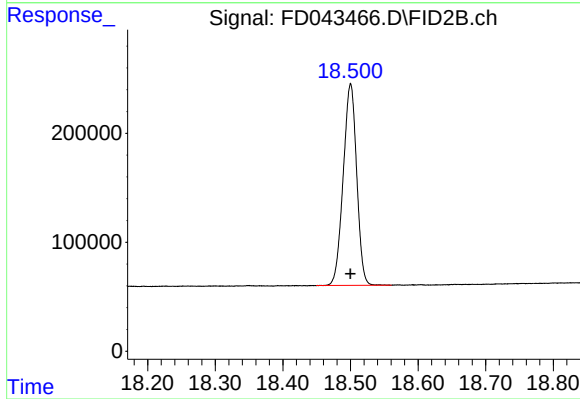
#17 n-Tricontane (C30)

R.T.: 17.670 min

Delta R.T.: -0.002 min

Response: 2574287

Conc: 18.24 ug/ml



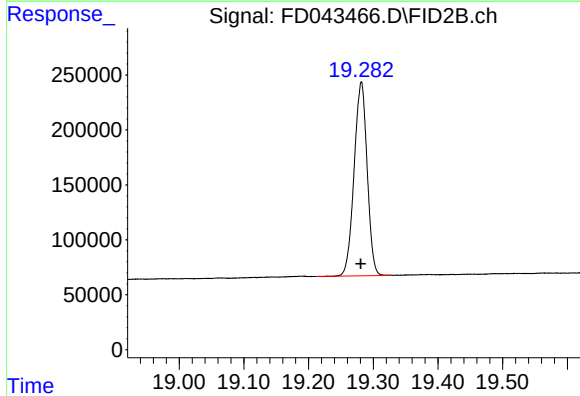
#18 n-Dotriacontane (C32)

R.T.: 18.500 min

Delta R.T.: 0.000 min

Response: 2560442

Conc: 18.52 ug/ml



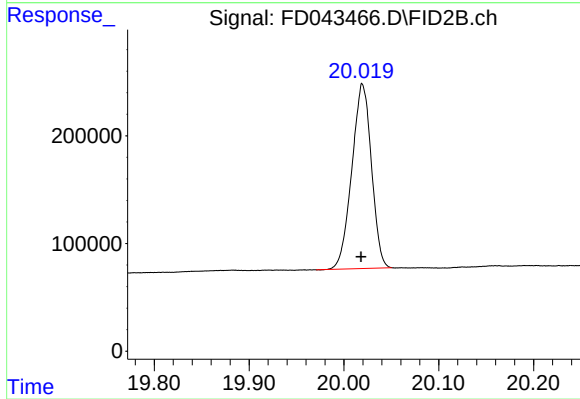
#19 n-Tetratriacontane (C34)

R.T.: 19.282 min

Delta R.T.: 0.001 min

Response: 2468109

Conc: 19.18 ug/ml



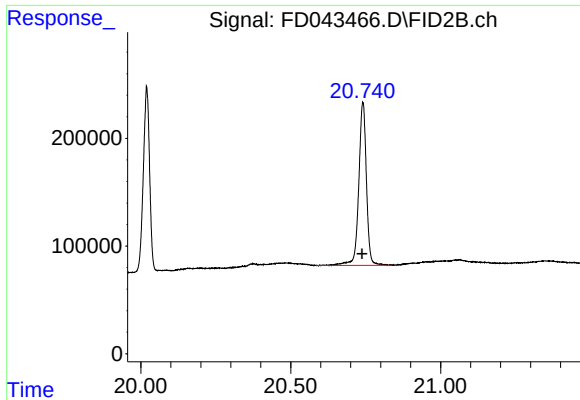
#20 n-Hexatriacontane (C36)

R.T.: 20.020 min

Delta R.T.: 0.002 min

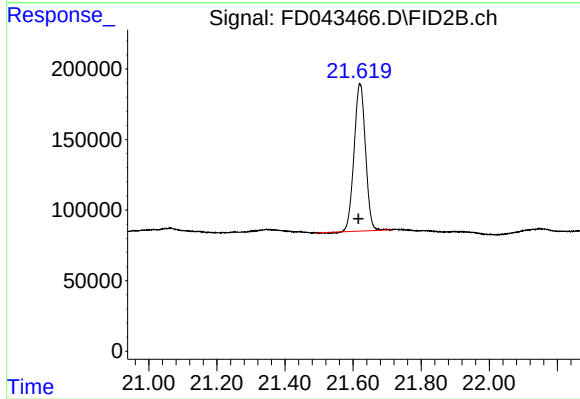
Response: 2459939

Conc: 19.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.741 min
Delta R.T.: 0.003 min
Response: 2690616
Conc: 22.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: 0.003 min
Response: 2422363
Conc: 21.42 ug/ml