

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022823AL\
 Data File : FF012255.D
 Signal(s) : FID2B.ch
 Acq On : 28 Feb 2023 12:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 05:57:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 022723.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 10:39:05 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)	10.949	3111425	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	12.381	2457058	20.097 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	2.797	2615220	19.795 ug/ml
2) T n-Decane (C10)	3.809	2574319	19.805 ug/ml
3) T A~Naphthalene (C11.7)	5.378	2990239	19.901 ug/ml
4) T n-Dodecane (C12)	5.798	2631997	19.902 ug/ml
5) T A~2-methylnaphthalene...	6.427	2838308	19.943 ug/ml
6) T n-Tetradecane (C14)	7.589	2664517	19.834 ug/ml
7) T n-Hexadecane (C16)	9.187	2777783	19.844 ug/ml
8) T n-Octadecane (C18)	10.628	2856725	19.775 ug/ml
10) T n-Eicosane (C20)	11.935	2835189	19.763 ug/ml
11) T n-Heneicosane (C21)	12.547	2863109	19.843 ug/ml
13) T n-Docosane (C22)	13.132	2861648	19.602 ug/ml
14) T n-Tetracosane (C24)	14.234	2884289	19.191 ug/ml
15) T n-Hexacosane (C26)	15.253	2811239	18.852 ug/ml
16) T n-Octacosane (C28)	16.202	2743482	18.495 ug/ml
17) T n-Tricontane (C30)	17.087	2663070	18.489 ug/ml
18) T n-Dotriacontane (C32)	17.920	2589453	18.727 ug/ml
19) T n-Tetratriacontane (C34)	18.704	2443278	19.573 ug/ml
20) T n-Hexatriacontane (C36)	19.443	2274090	19.450 ug/ml
21) T n-Octatriacontane (C38)	20.179	2203401	20.093 ug/ml
22) T n-Tetracontane (C40)	21.090	2174451	19.889 ug/ml

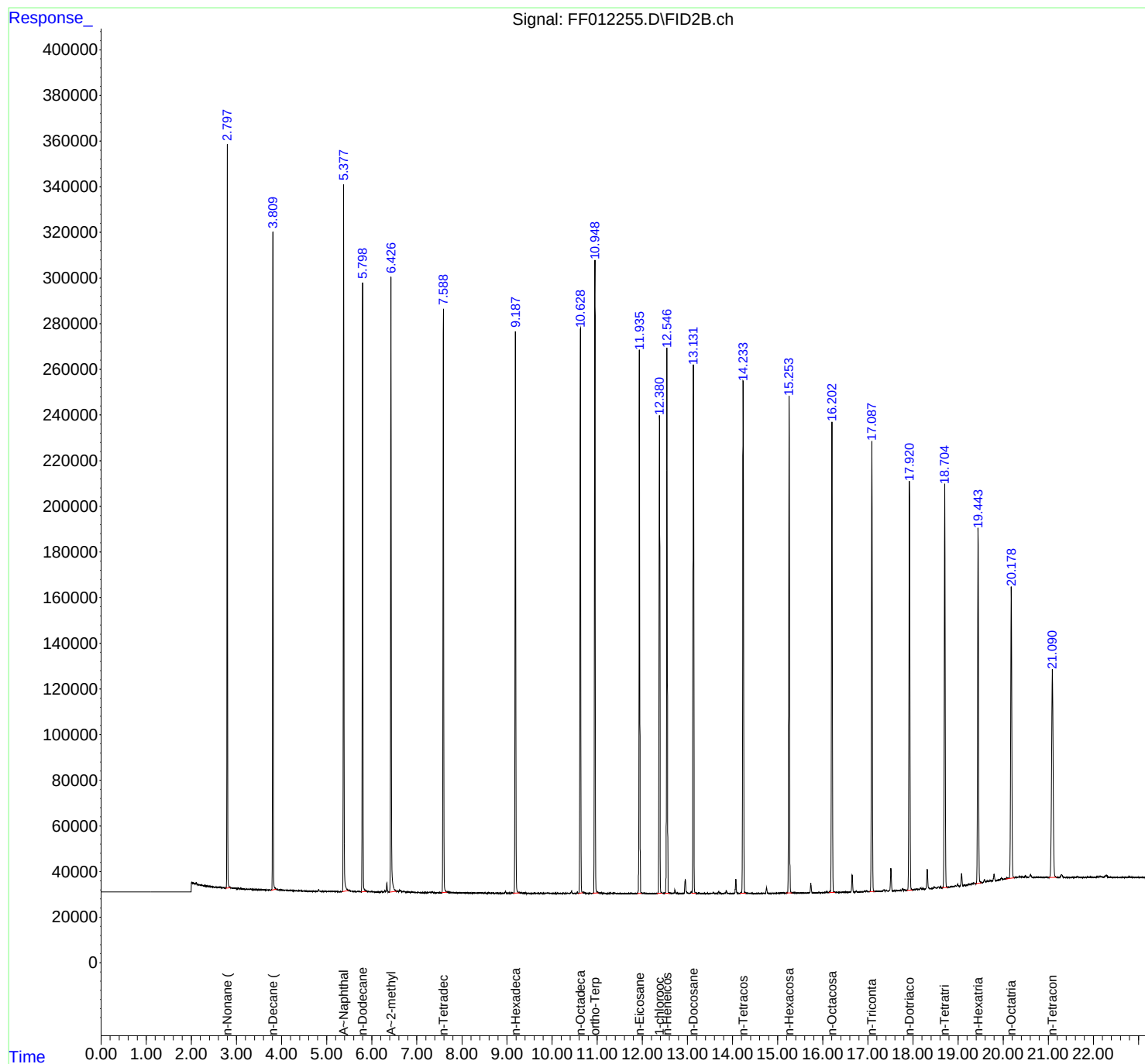
(f)=RT Delta > 1/2 Window

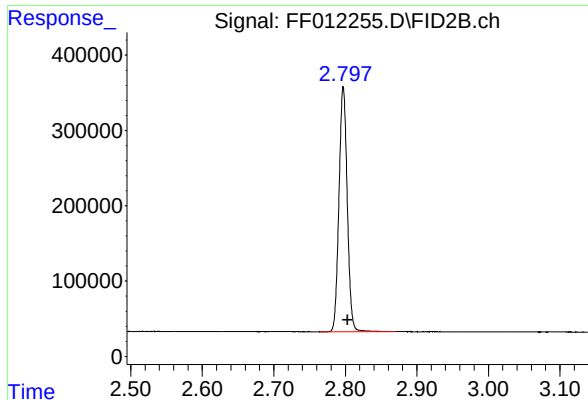
(m)=manual int.

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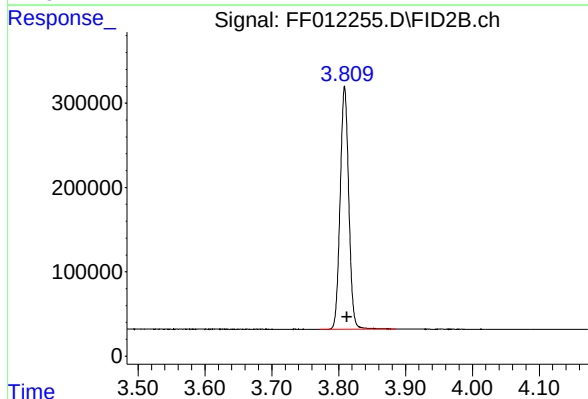
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





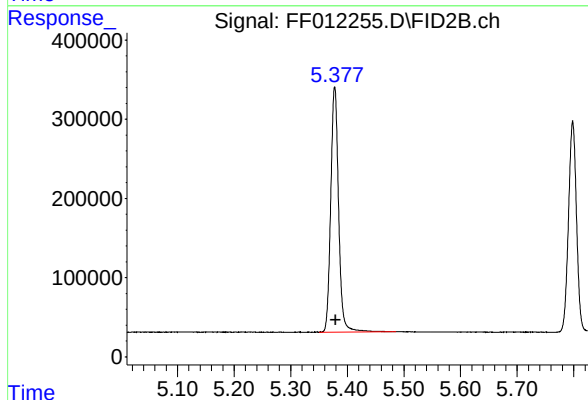
#1 n-Nonane (C9)

R.T.: 2.797 min
Delta R.T.: -0.006 min
Response: 2615220
Conc: 19.80 ug/ml



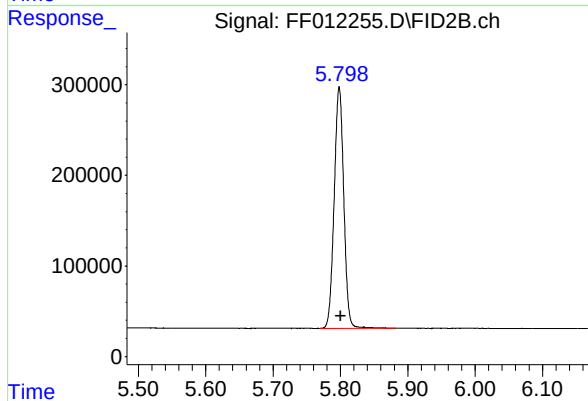
#2 n-Decane (C10)

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 2574319
Conc: 19.80 ug/ml



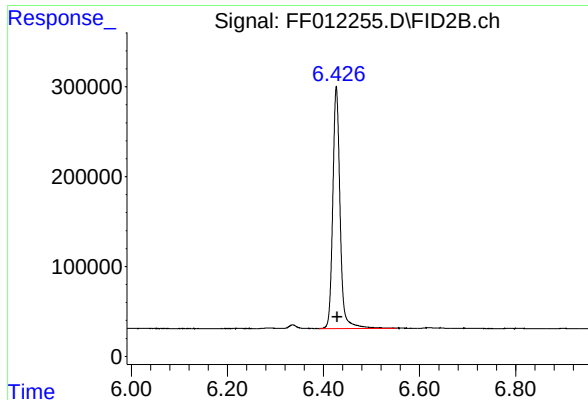
#3 A~Naphthalene (C11.7)

R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 2990239
Conc: 19.90 ug/ml



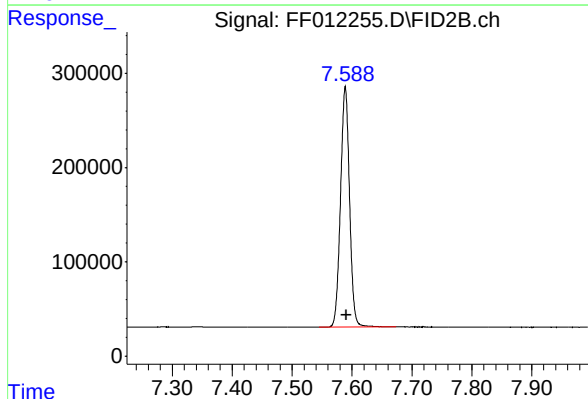
#4 n-Dodecane (C12)

R.T.: 5.798 min
Delta R.T.: -0.002 min
Response: 2631997
Conc: 19.90 ug/ml



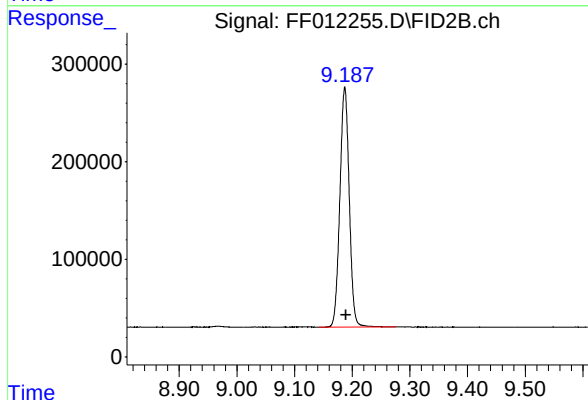
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.427 min
Delta R.T.: -0.002 min
Response: 2838308
Conc: 19.94 ug/ml



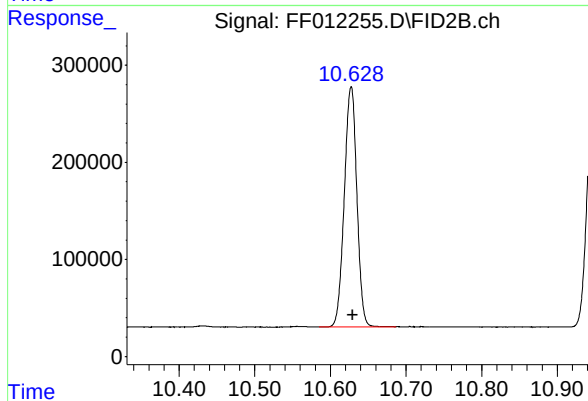
#6 n-Tetradecane (C14)

R.T.: 7.589 min
Delta R.T.: -0.002 min
Response: 2664517
Conc: 19.83 ug/ml



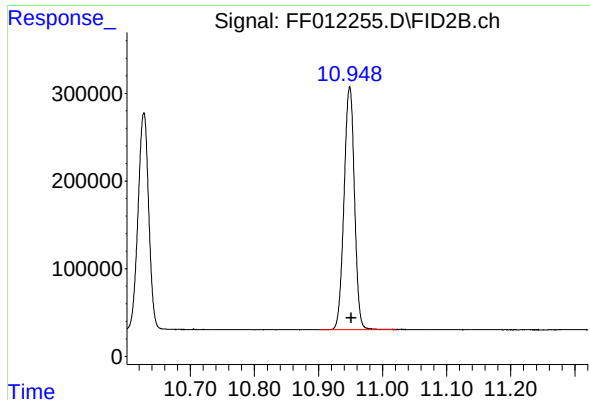
#7 n-Hexadecane (C16)

R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 2777783
Conc: 19.84 ug/ml



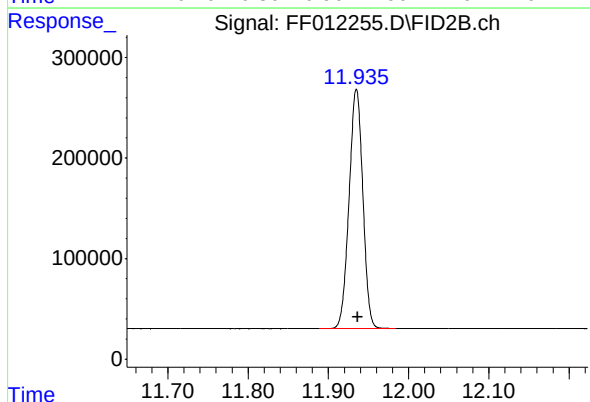
#8 n-Octadecane (C18)

R.T.: 10.628 min
Delta R.T.: -0.002 min
Response: 2856725
Conc: 19.78 ug/ml



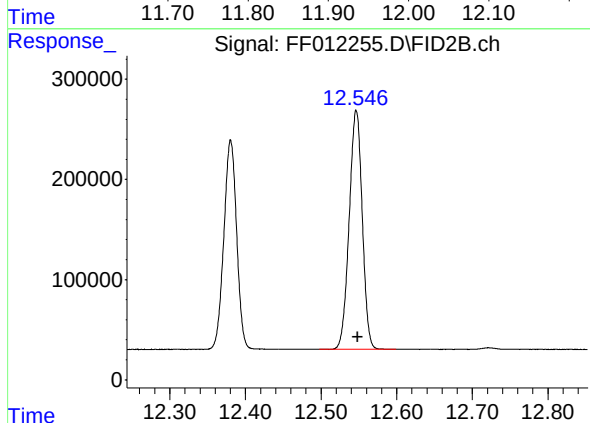
#9 ortho-Terphenyl (SURR)

R.T.: 10.949 min
Delta R.T.: -0.003 min
Response: 3111425
Conc: 19.87 ug/ml



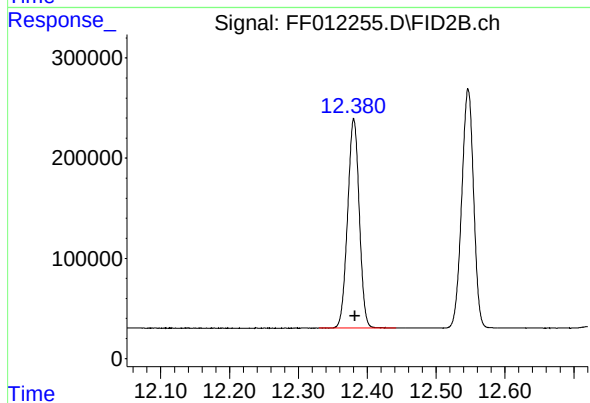
#10 n-Eicosane (C20)

R.T.: 11.935 min
Delta R.T.: -0.002 min
Response: 2835189
Conc: 19.76 ug/ml



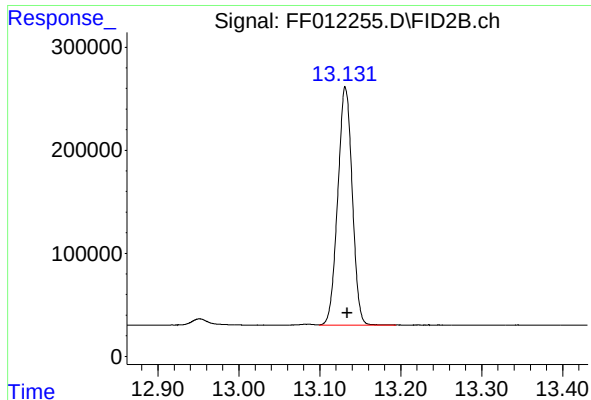
#11 n-Heneicosane (C21)

R.T.: 12.547 min
Delta R.T.: -0.002 min
Response: 2863109
Conc: 19.84 ug/ml



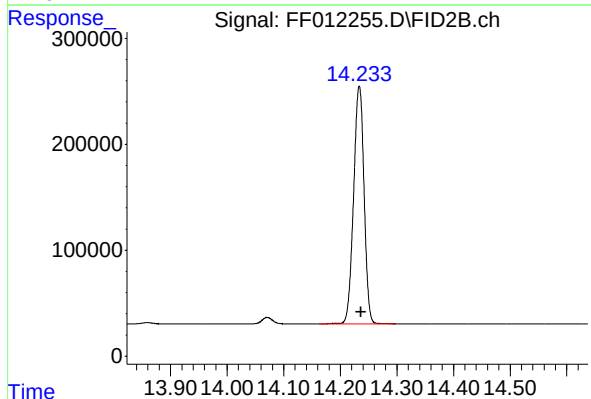
#12 1-chlorooctadecane (SURR)

R.T.: 12.381 min
Delta R.T.: -0.002 min
Response: 2457058
Conc: 20.10 ug/ml



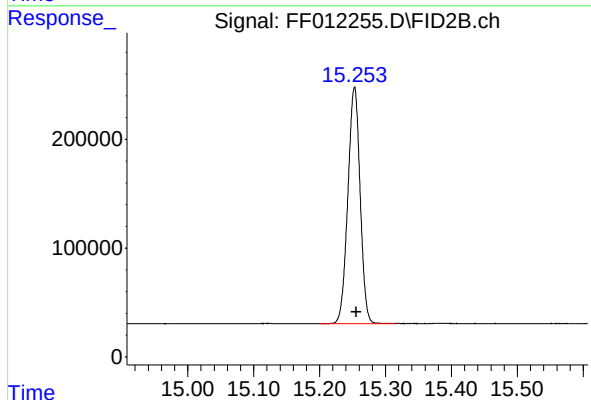
#13 n-Docosane (C22)

R.T.: 13.132 min
Delta R.T.: -0.002 min
Response: 2861648
Conc: 19.60 ug/ml



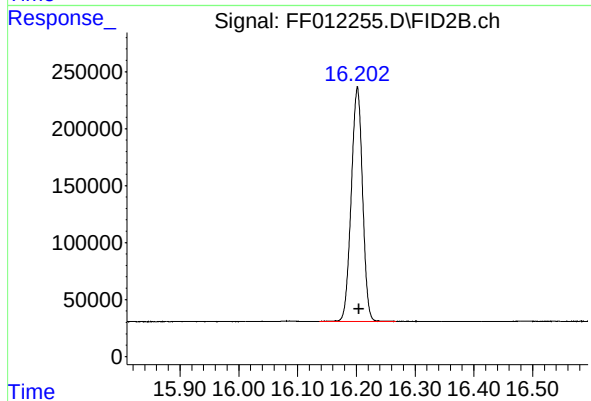
#14 n-Tetracosane (C24)

R.T.: 14.234 min
Delta R.T.: -0.003 min
Response: 2884289
Conc: 19.19 ug/ml



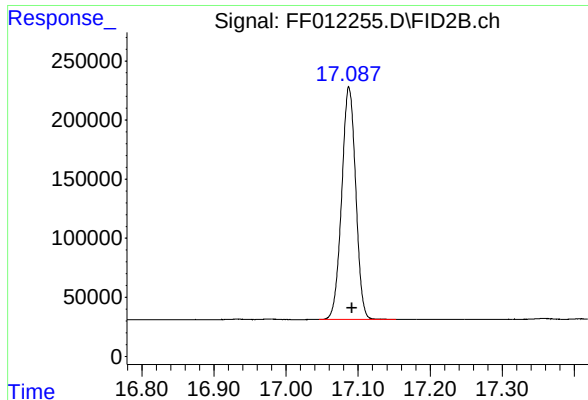
#15 n-Hexacosane (C26)

R.T.: 15.253 min
Delta R.T.: -0.002 min
Response: 2811239
Conc: 18.85 ug/ml



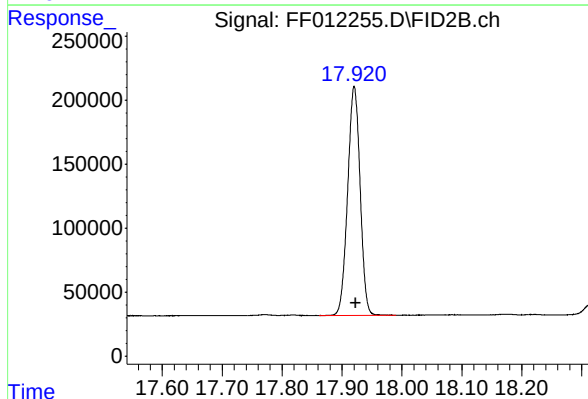
#16 n-Octacosane (C28)

R.T.: 16.202 min
Delta R.T.: -0.003 min
Response: 2743482
Conc: 18.49 ug/ml



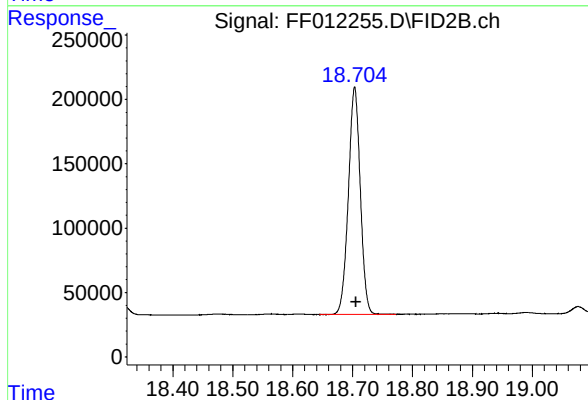
#17 n-Tricontane (C30)

R.T.: 17.087 min
Delta R.T.: -0.004 min
Response: 2663070
Conc: 18.49 ug/ml



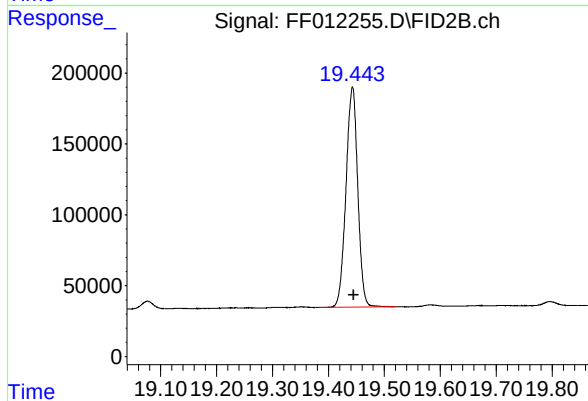
#18 n-Dotriacontane (C32)

R.T.: 17.920 min
Delta R.T.: -0.002 min
Response: 2589453
Conc: 18.73 ug/ml



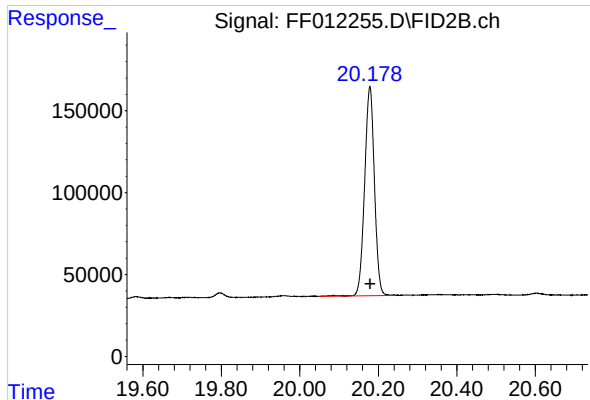
#19 n-Tetatriacontane (C34)

R.T.: 18.704 min
Delta R.T.: -0.002 min
Response: 2443278
Conc: 19.57 ug/ml



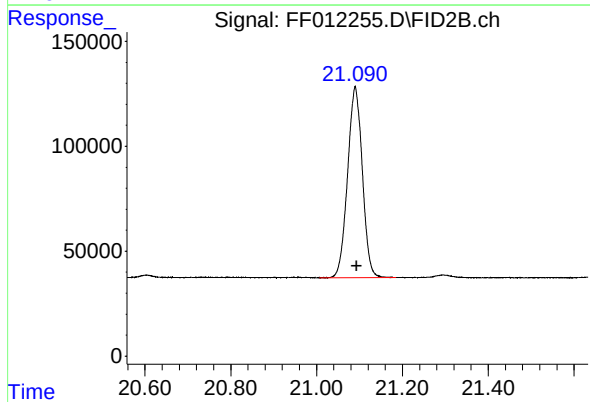
#20 n-Hexatriacontane (C36)

R.T.: 19.443 min
Delta R.T.: -0.002 min
Response: 2274090
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.179 min
Delta R.T.: -0.001 min
Response: 2203401
Conc: 20.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.090 min
Delta R.T.: -0.003 min
Response: 2174451
Conc: 19.89 ug/ml