

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020623AL\
 Data File : FE040220.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2023 10:14
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 07 05:03:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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

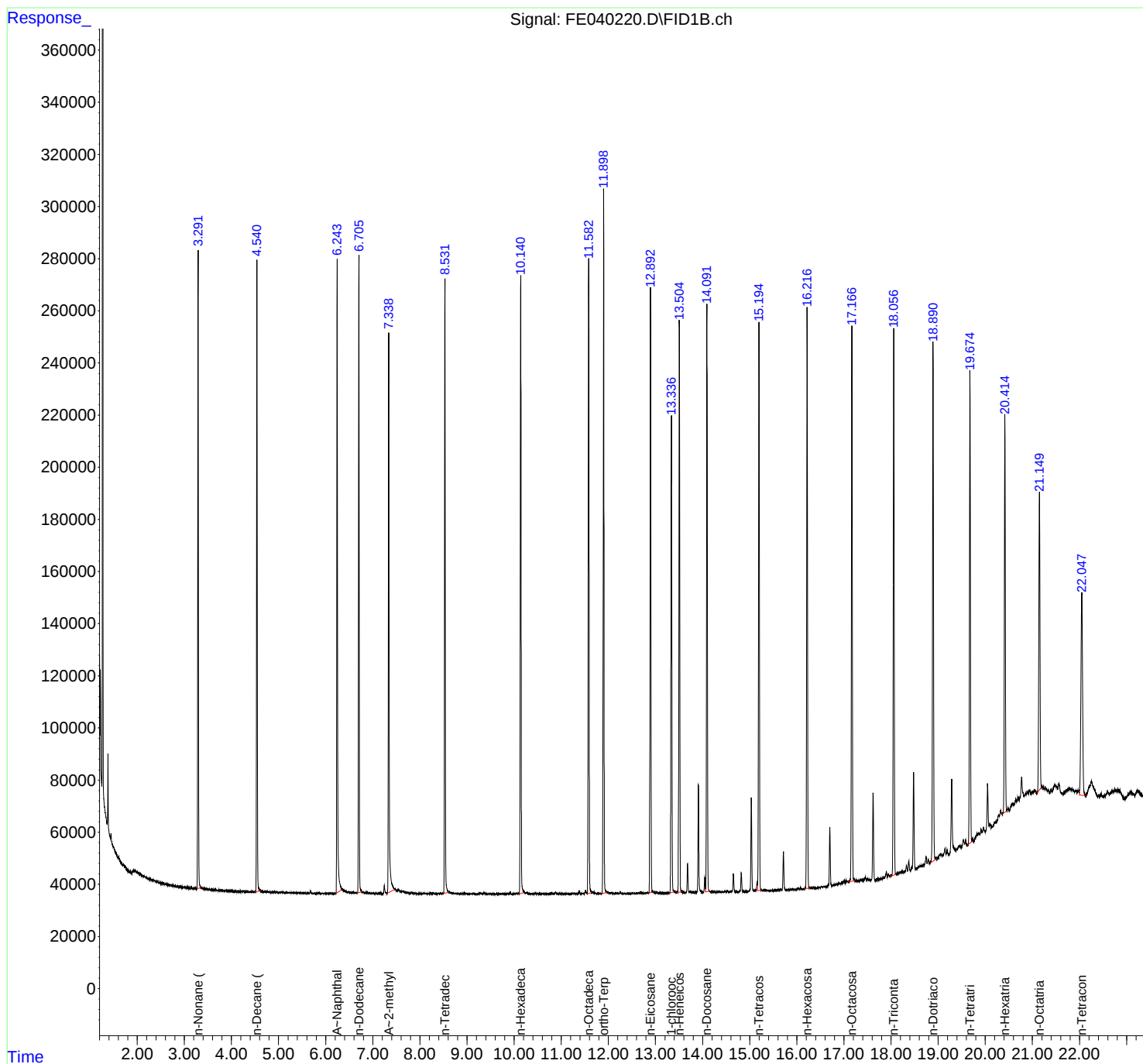
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.899	2945876	18.200 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
12) S 1-chlorooctadecane (S...	13.337	2204479	17.775 ug/ml
Spiked Amount 50.000		Recovery =	35.55%
Target Compounds			
1) T n-Nonane (C9)	3.291	2426236	17.826 ug/ml
2) T n-Decane (C10)	4.541	2417099	18.192 ug/ml
3) T A~Naphthalene (C11.7)	6.244	2634906	18.004 ug/ml
4) T n-Dodecane (C12)	6.705	2463797	18.299 ug/ml
5) T A~2-methylnaphthalene...	7.339	2466465	18.222 ug/ml
6) T n-Tetradecane (C14)	8.532	2518553	18.275 ug/ml
7) T n-Hexadecane (C16)	10.140	2625989	18.297 ug/ml
8) T n-Octadecane (C18)	11.582	2719244	18.280 ug/ml
10) T n-Eicosane (C20)	12.892	2673707	18.186 ug/ml
11) T n-Heneicosane (C21)	13.504	2669239	18.097 ug/ml
13) T n-Docosane (C22)	14.091	2716650	18.335 ug/ml
14) T n-Tetracosane (C24)	15.195	2800085	18.446 ug/ml
15) T n-Hexacosane (C26)	16.217	2789027	18.813 ug/ml
16) T n-Octacosane (C28)	17.167	2836408	18.927 ug/ml
17) T n-Tricontane (C30)	18.057	2862202	19.398 ug/ml
18) T n-Dotriacontane (C32)	18.890	2821455	19.265 ug/ml
19) T n-Tetratriacontane (C34)	19.674	2503490	18.201 ug/ml
20) T n-Hexatriacontane (C36)	20.415	2181651	16.448 ug/ml
21) T n-Octatriacontane (C38)	21.149	1957460	15.089 ug/ml
22) T n-Tetracontane (C40)	22.048	1886163	14.206 ug/ml

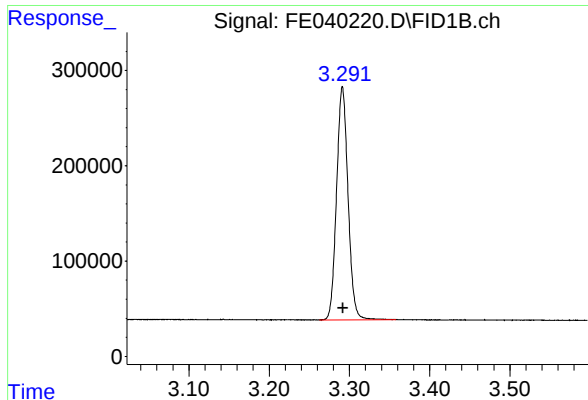
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e
Quant Time: Feb 07 05:03:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
Quant Title : GC Extractables
QLast Update : Thu Feb 02 04:52:48 2023
Response via : Initial Calibration
Integrator: ChemStation

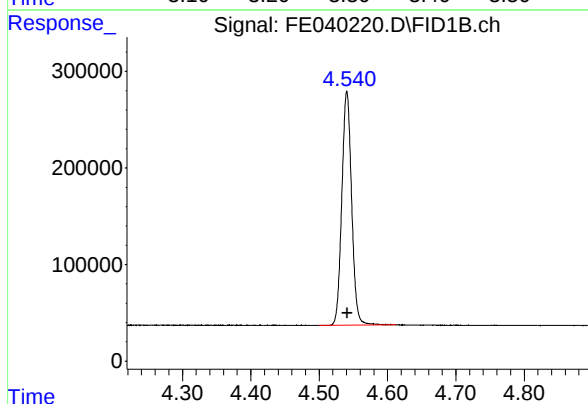
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





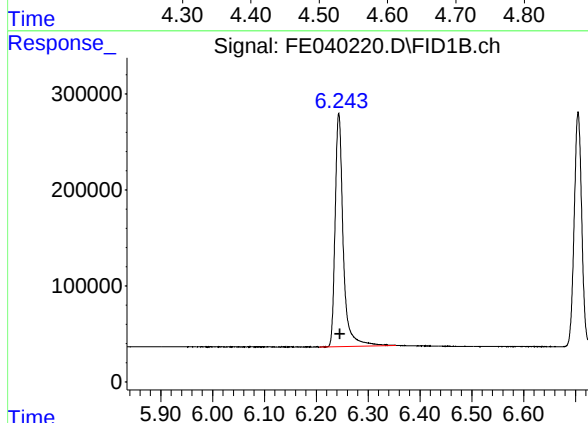
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: 0.000 min
Response: 2426236
Conc: 17.83 ug/ml



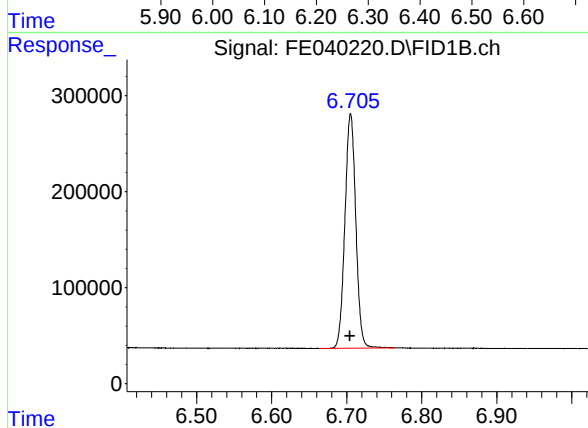
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 2417099
Conc: 18.19 ug/ml



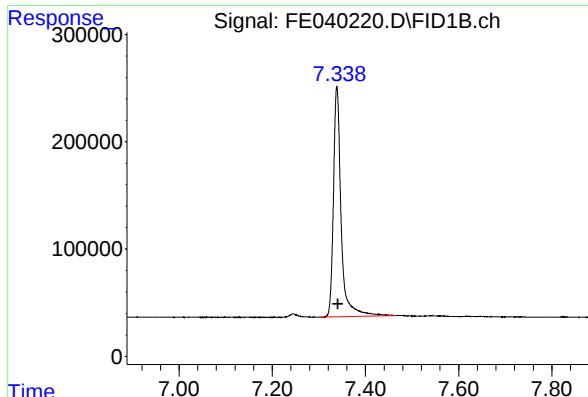
#3 A~Naphthalene (C11.7)

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 2634906
Conc: 18.00 ug/ml



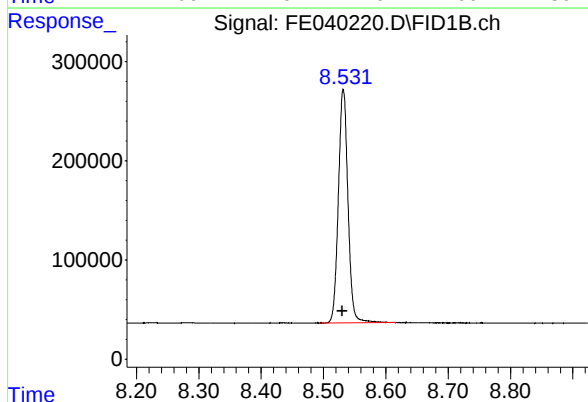
#4 n-Dodecane (C12)

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 2463797
Conc: 18.30 ug/ml



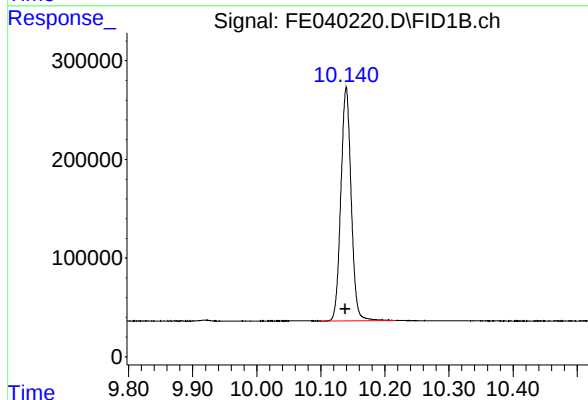
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 2466465
Conc: 18.22 ug/ml



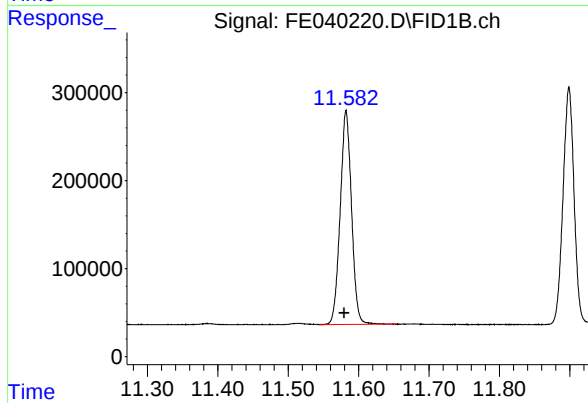
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 2518553
Conc: 18.27 ug/ml



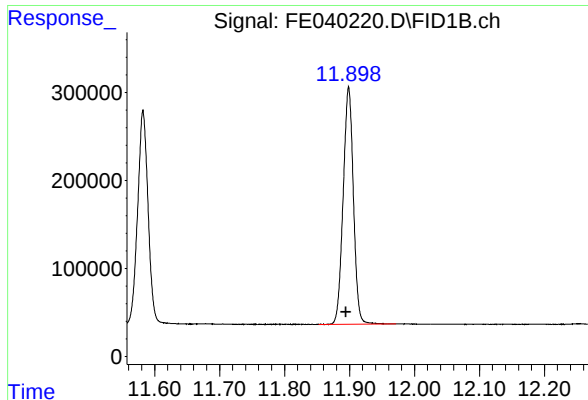
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: 0.002 min
Response: 2625989
Conc: 18.30 ug/ml



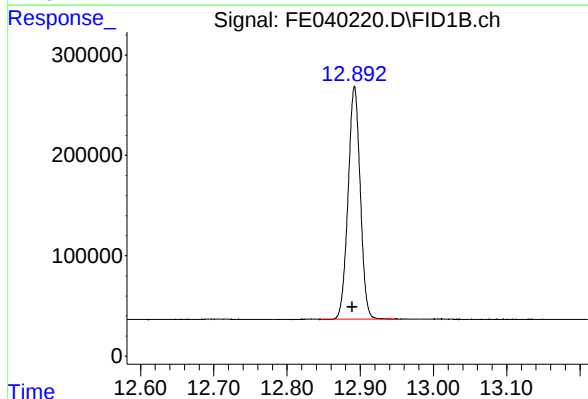
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: 0.003 min
Response: 2719244
Conc: 18.28 ug/ml



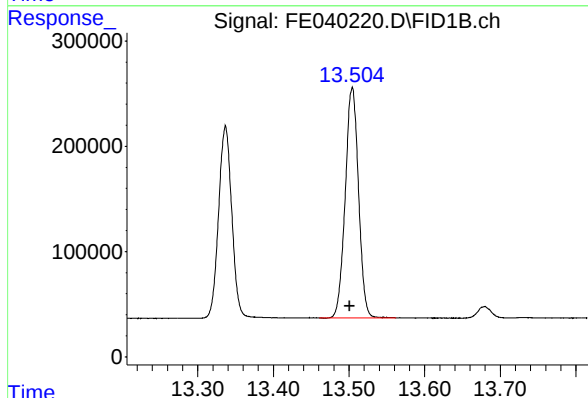
#9 ortho-Terphenyl (SURR)

R.T.: 11.899 min
Delta R.T.: 0.004 min
Response: 2945876
Conc: 18.20 ug/ml



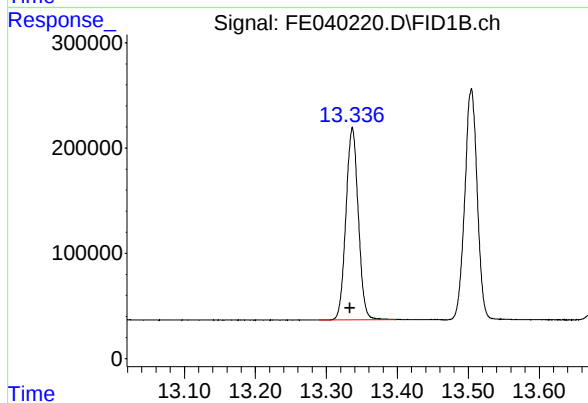
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: 0.003 min
Response: 2673707
Conc: 18.19 ug/ml



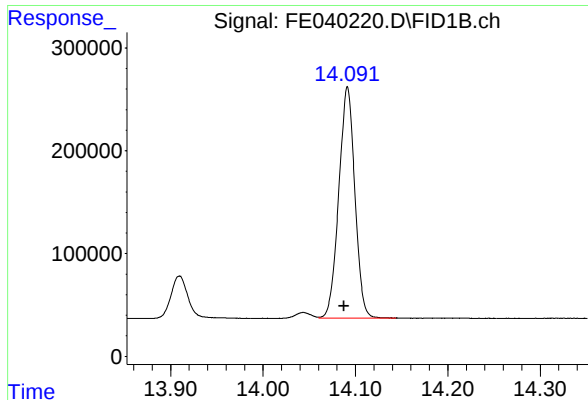
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: 0.004 min
Response: 2669239
Conc: 18.10 ug/ml



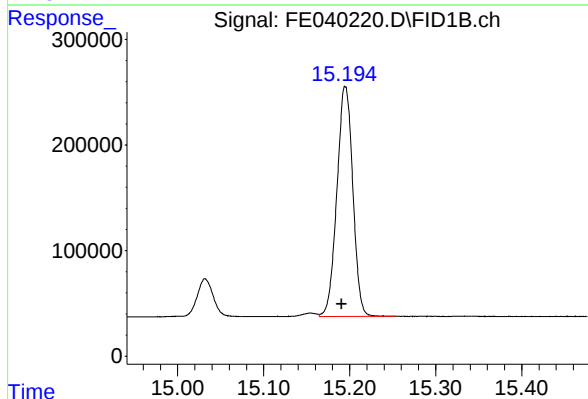
#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: 0.003 min
Response: 2204479
Conc: 17.77 ug/ml



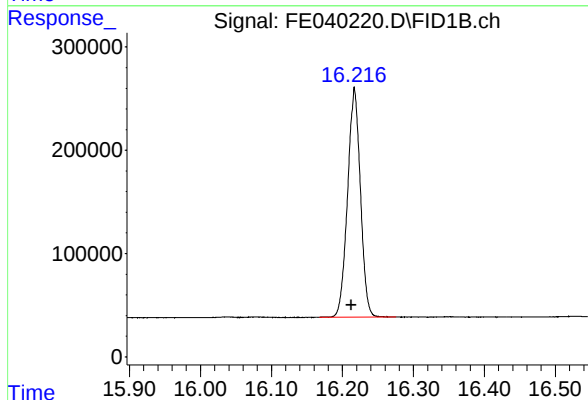
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: 0.004 min
Response: 2716650
Conc: 18.33 ug/ml



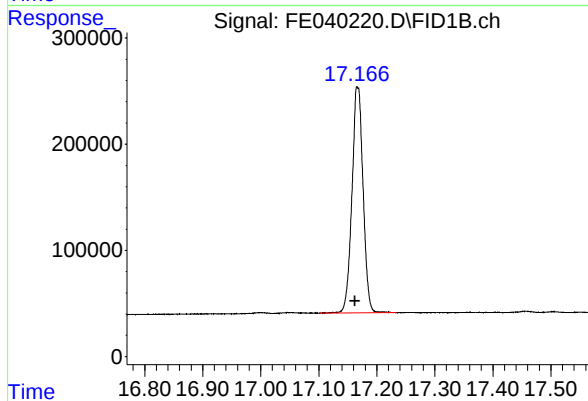
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: 0.004 min
Response: 2800085
Conc: 18.45 ug/ml



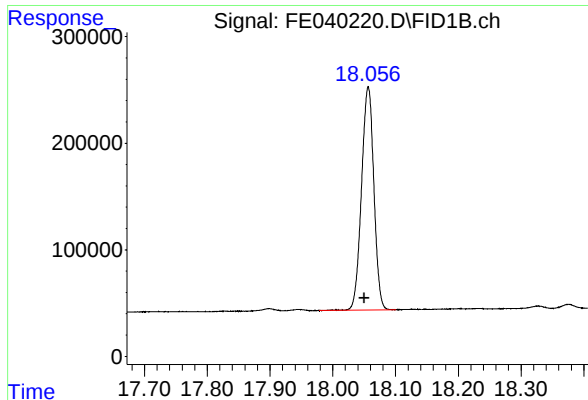
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: 0.004 min
Response: 2789027
Conc: 18.81 ug/ml



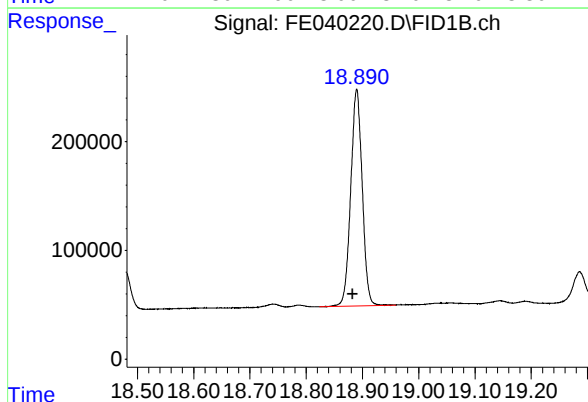
#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: 0.004 min
Response: 2836408
Conc: 18.93 ug/ml



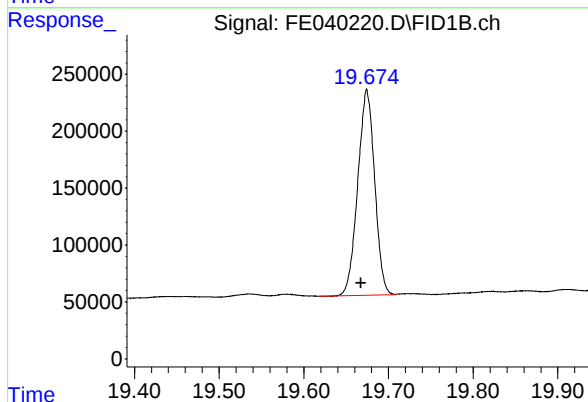
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: 0.006 min
Response: 2862202
Conc: 19.40 ug/ml



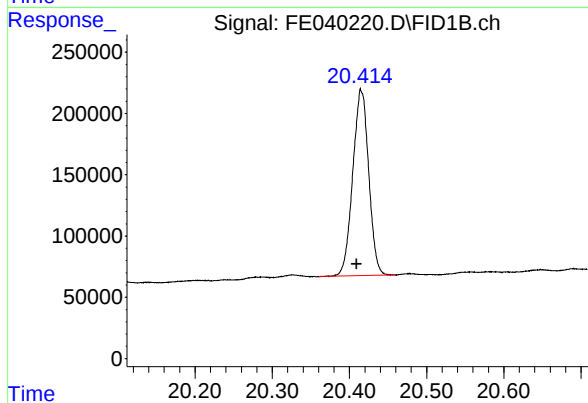
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: 0.007 min
Response: 2821455
Conc: 19.26 ug/ml



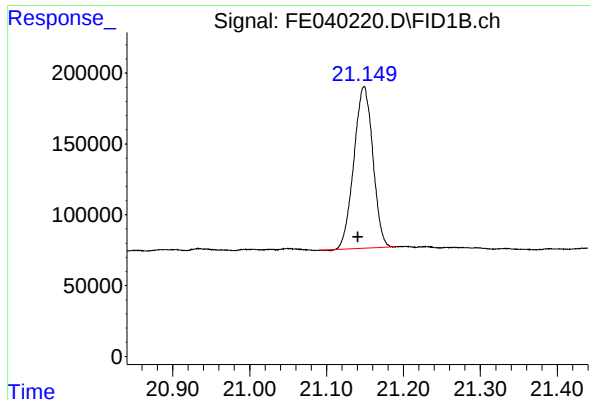
#19 n-Tetratriacontane (C34)

R.T.: 19.674 min
Delta R.T.: 0.007 min
Response: 2503490
Conc: 18.20 ug/ml



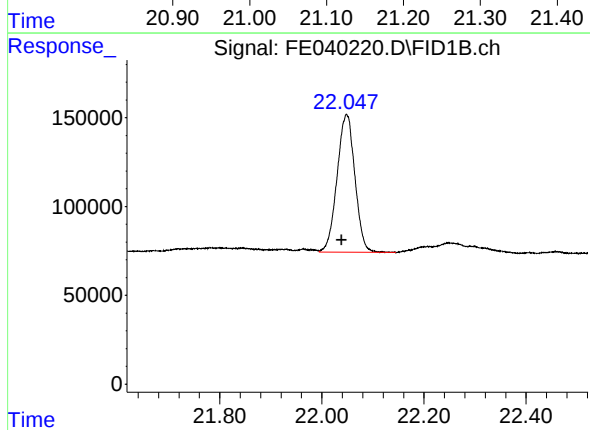
#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: 0.006 min
Response: 2181651
Conc: 16.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: 0.008 min
Response: 1957460
Conc: 15.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.048 min
Delta R.T.: 0.010 min
Response: 1886163
Conc: 14.21 ug/ml