

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101122AL\
 Data File : FE038050.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2022 09:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 12 05:09:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.598	3576874	20.680 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
12) S 1-chlorooctadecane (S...	13.020	2765302	20.459 ug/ml
Spiked Amount 50.000		Recovery =	40.92%
Target Compounds			
1) T n-Nonane (C9)	2.997	3170586	21.528 ug/ml
2) T n-Decane (C10)	4.254	3273503	22.141 ug/ml
3) T A~Naphthalene (C11.7)	5.974	3029414	22.122 ug/ml
4) T n-Dodecane (C12)	6.424	3400699	22.317 ug/ml
5) T A~2-methylnaphthalene...	7.068	2838792	21.359 ug/ml
6) T n-Tetradecane (C14)	8.243	3398770	22.207 ug/ml
7) T n-Hexadecane (C16)	9.841	3438972	22.017 ug/ml
8) T n-Octadecane (C18)	11.275	3462313	21.586 ug/ml
10) T n-Eicosane (C20)	12.576	3444232	21.121 ug/ml
11) T n-Heneicosane (C21)	13.184	3408169	20.685 ug/ml
13) T n-Docosane (C22)	13.766	3447083	20.941 ug/ml
14) T n-Tetracosane (C24)	14.863	3350999	20.432 ug/ml
15) T n-Hexacosane (C26)	15.878	3226053	19.784 ug/ml
16) T n-Octacosane (C28)	16.821	3157104	19.707 ug/ml
17) T n-Tricontane (C30)	17.704	3161523	19.756 ug/ml
18) T n-Dotriacontane (C32)	18.532	3074794	19.526 ug/ml
19) T n-Tetratriacontane (C34)	19.311	2826257	19.076 ug/ml
20) T n-Hexatriacontane (C36)	20.047	2703330	18.751 ug/ml
21) T n-Octatriacontane (C38)	20.742	2492729	18.369 ug/ml
22) T n-Tetracontane (C40)	21.507	2451007	19.255 ug/ml

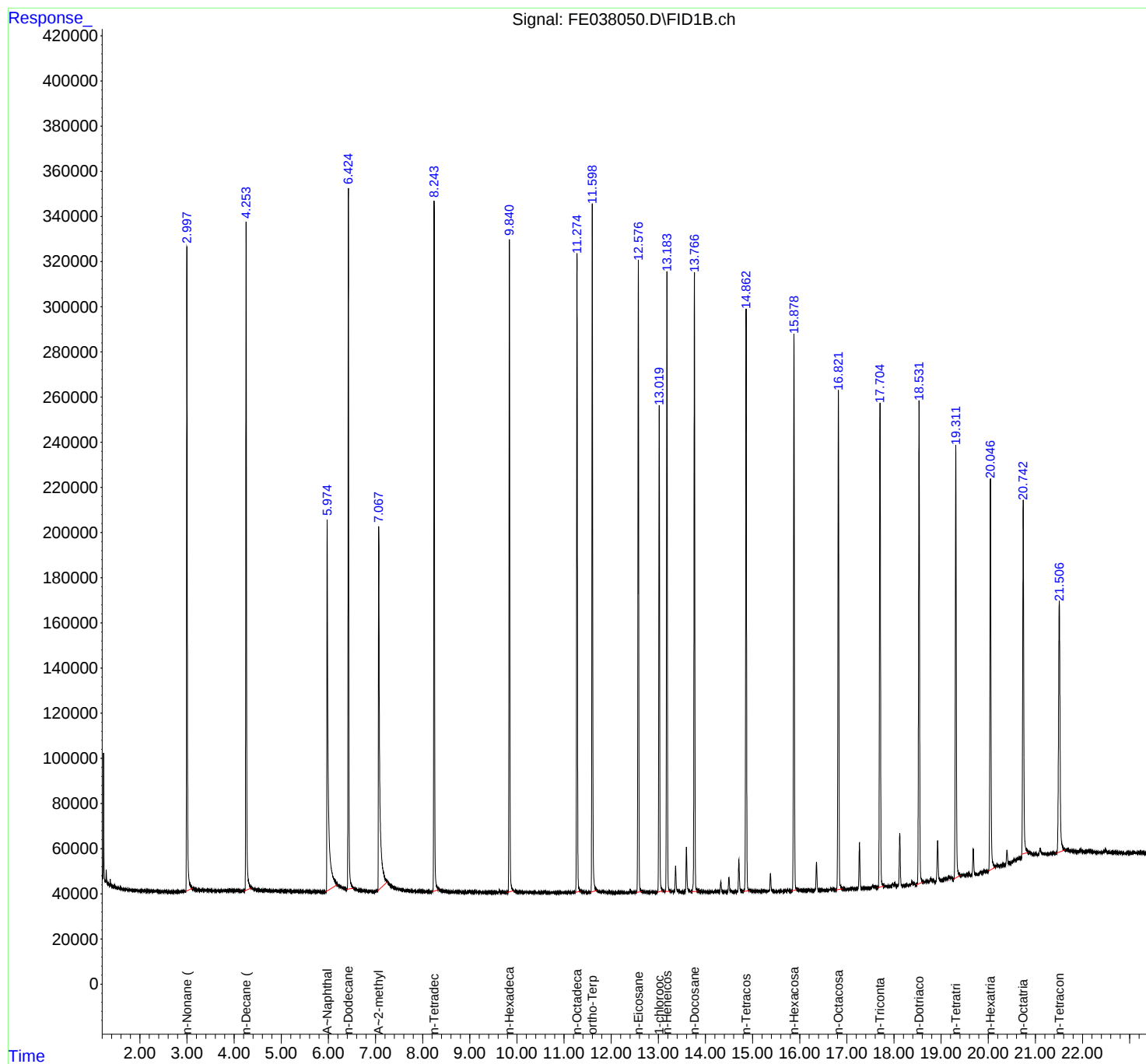
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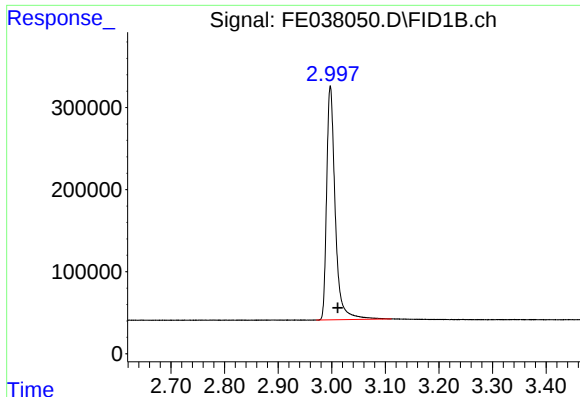
(m)=manual int.

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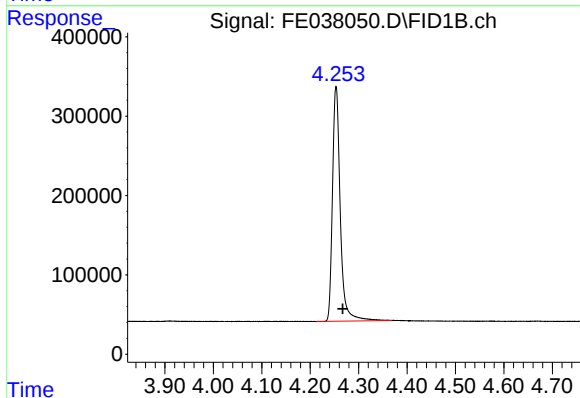
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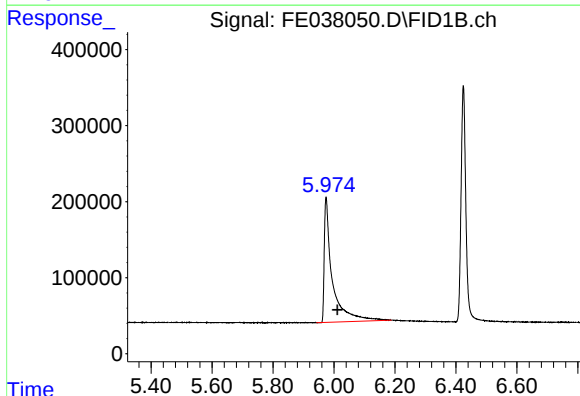
#1 n-Nonane (C9)

R.T.: 2.997 min
Delta R.T.: -0.014 min
Response: 3170586
Conc: 21.53 ug/ml



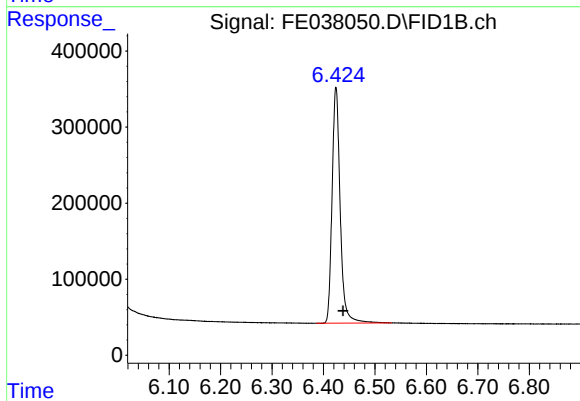
#2 n-Decane (C10)

R.T.: 4.254 min
Delta R.T.: -0.014 min
Response: 3273503
Conc: 22.14 ug/ml



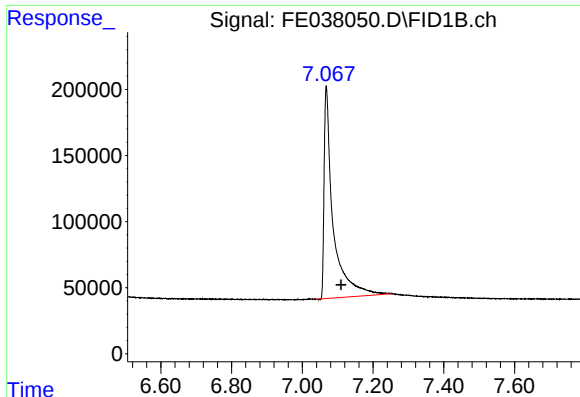
#3 A~Naphthalene (C11.7)

R.T.: 5.974 min
Delta R.T.: -0.037 min
Response: 3029414
Conc: 22.12 ug/ml



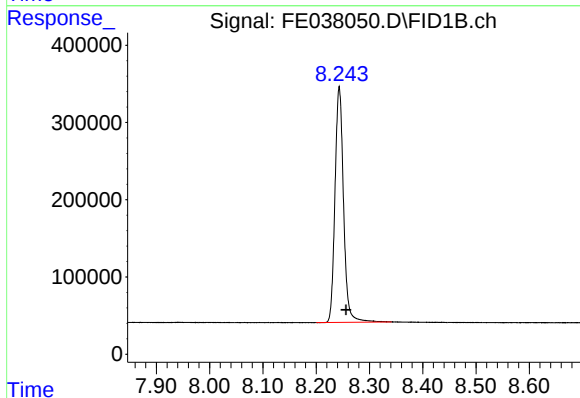
#4 n-Dodecane (C12)

R.T.: 6.424 min
Delta R.T.: -0.014 min
Response: 3400699
Conc: 22.32 ug/ml



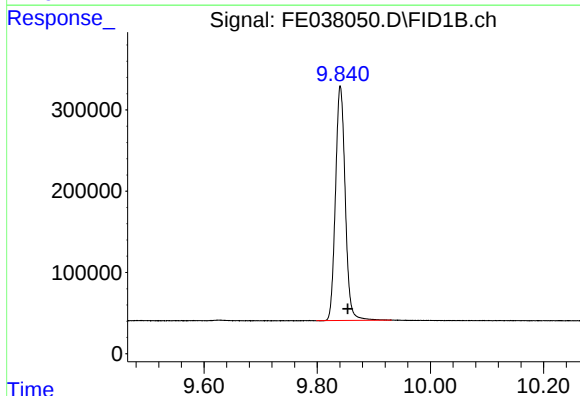
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.068 min
Delta R.T.: -0.042 min
Response: 2838792
Conc: 21.36 ug/ml



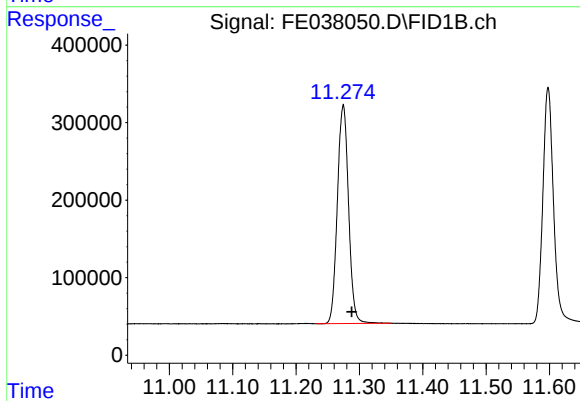
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: -0.013 min
Response: 3398770
Conc: 22.21 ug/ml



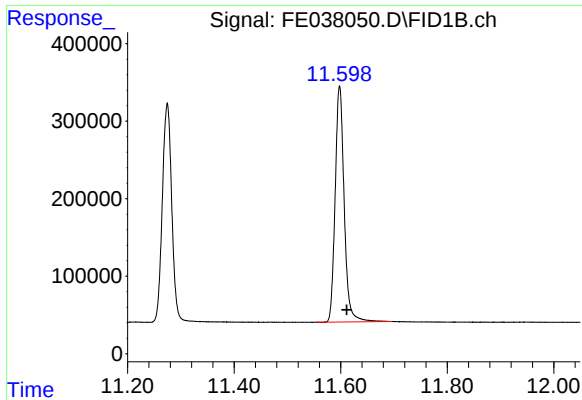
#7 n-Hexadecane (C16)

R.T.: 9.841 min
Delta R.T.: -0.013 min
Response: 3438972
Conc: 22.02 ug/ml



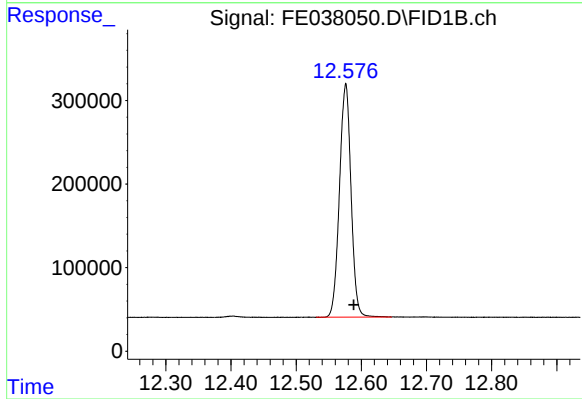
#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.013 min
Response: 3462313
Conc: 21.59 ug/ml



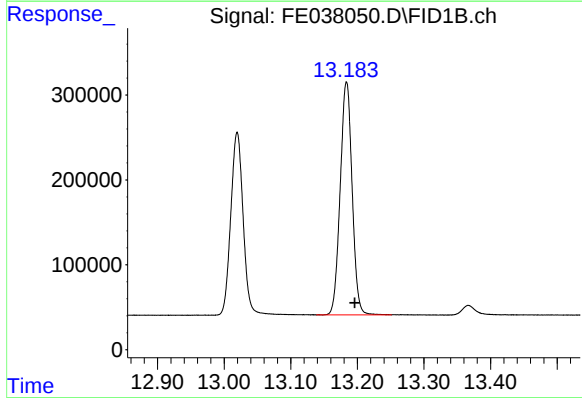
#9 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: -0.014 min
Response: 3576874
Conc: 20.68 ug/ml



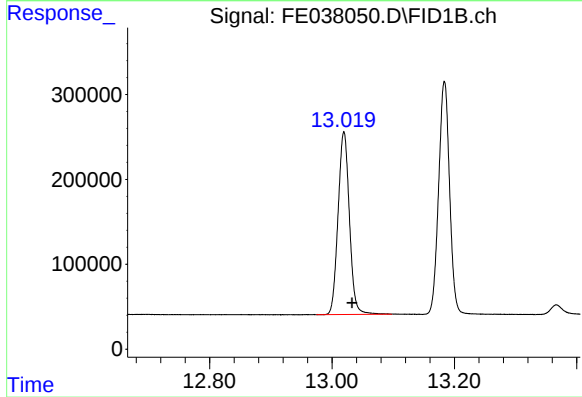
#10 n-Eicosane (C20)

R.T.: 12.576 min
Delta R.T.: -0.012 min
Response: 3444232
Conc: 21.12 ug/ml



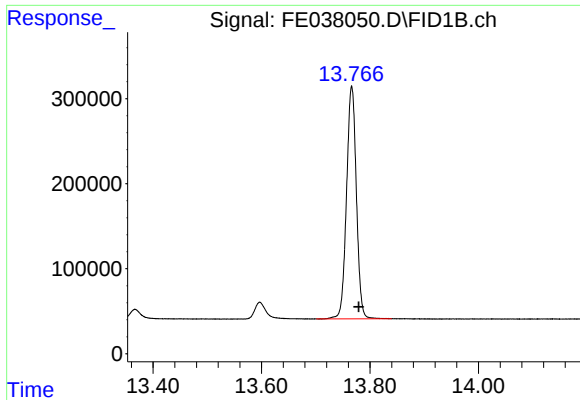
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.012 min
Response: 3408169
Conc: 20.68 ug/ml



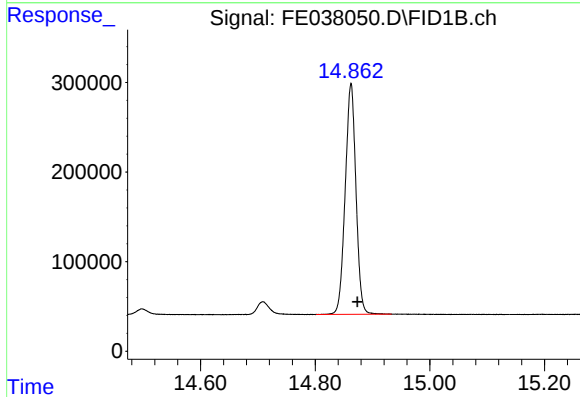
#12 1-chlorooctadecane (SURR)

R.T.: 13.020 min
Delta R.T.: -0.013 min
Response: 2765302
Conc: 20.46 ug/ml



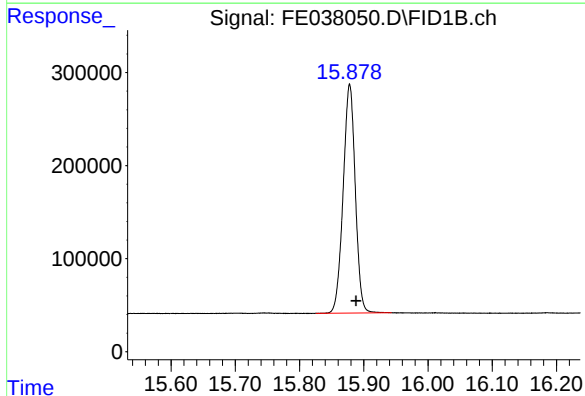
#13 n-Docosane (C22)

R.T.: 13.766 min
Delta R.T.: -0.013 min
Response: 3447083
Conc: 20.94 ug/ml



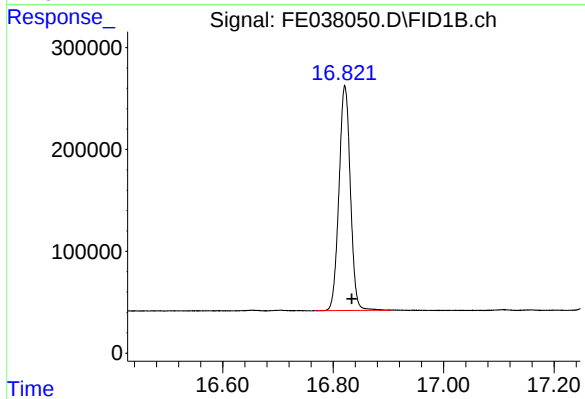
#14 n-Tetracosane (C24)

R.T.: 14.863 min
Delta R.T.: -0.011 min
Response: 3350999
Conc: 20.43 ug/ml



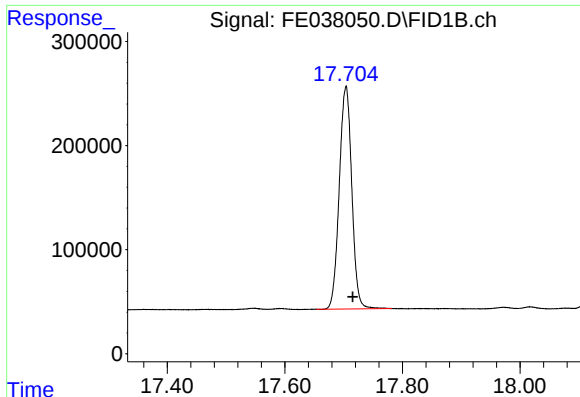
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.010 min
Response: 3226053
Conc: 19.78 ug/ml



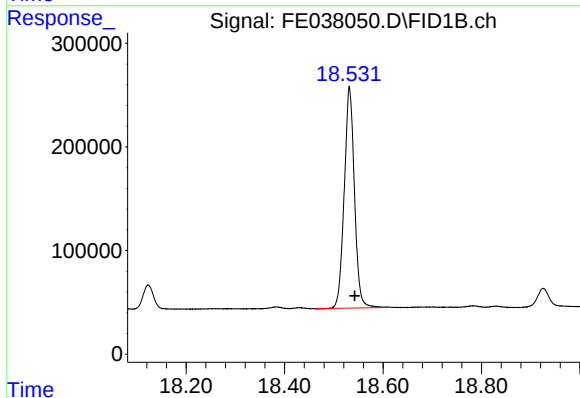
#16 n-Octacosane (C28)

R.T.: 16.821 min
Delta R.T.: -0.012 min
Response: 3157104
Conc: 19.71 ug/ml



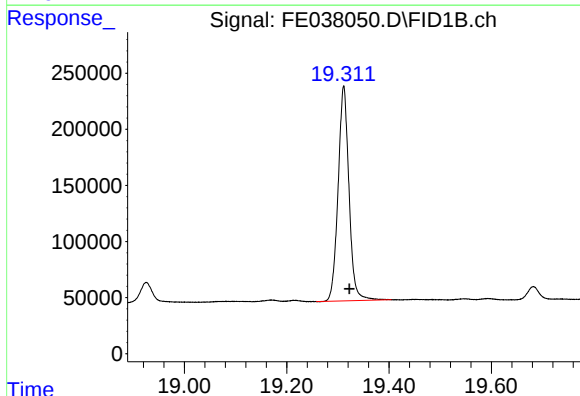
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: -0.011 min
Response: 3161523
Conc: 19.76 ug/ml



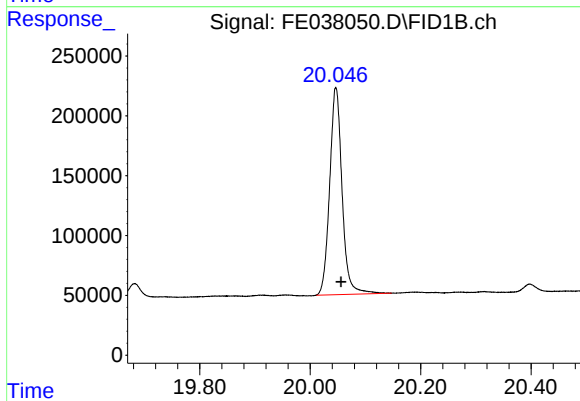
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.011 min
Response: 3074794
Conc: 19.53 ug/ml



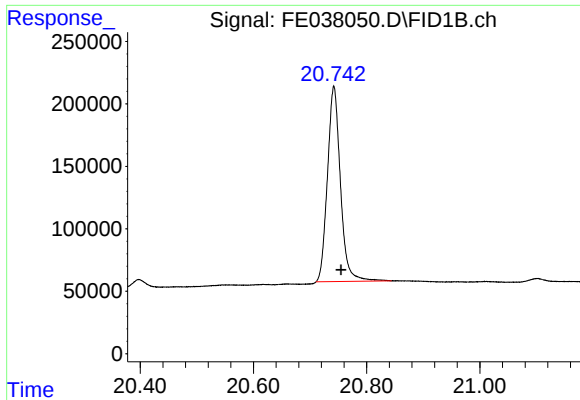
#19 n-Tetratriacontane (C34)

R.T.: 19.311 min
Delta R.T.: -0.011 min
Response: 2826257
Conc: 19.08 ug/ml



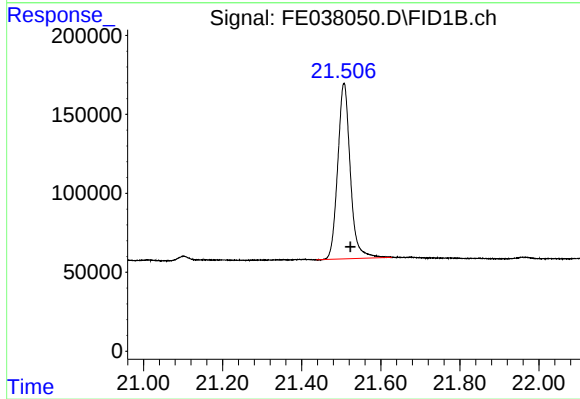
#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.009 min
Response: 2703330
Conc: 18.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.742 min
Delta R.T.: -0.012 min
Response: 2492729
Conc: 18.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: -0.016 min
Response: 2451007
Conc: 19.25 ug/ml