

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012523AL\
 Data File : FE040051.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jan 2023 00:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 02:49:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.907	3018025	19.653 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	13.345	2322564	19.902 ug/ml
Spiked Amount 50.000		Recovery =	39.80%
Target Compounds			
1) T n-Nonane (C9)	3.300	2610733	20.567 ug/ml
2) T n-Decane (C10)	4.549	2579052	20.767 ug/ml
3) T A~Naphthalene (C11.7)	6.252	2853973	20.237 ug/ml
4) T n-Dodecane (C12)	6.713	2611567	20.772 ug/ml
5) T A~2-methylnaphthalene...	7.347	2664469	20.343 ug/ml
6) T n-Tetradecane (C14)	8.540	2660503	20.686 ug/ml
7) T n-Hexadecane (C16)	10.148	2752390	20.402 ug/ml
8) T n-Octadecane (C18)	11.591	2807890	20.038 ug/ml
10) T n-Eicosane (C20)	12.900	2743359	19.800 ug/ml
11) T n-Heneicosane (C21)	13.512	2744403	19.667 ug/ml
13) T n-Docosane (C22)	14.098	2726783	19.645 ug/ml
14) T n-Tetracosane (C24)	15.202	2740199	19.903 ug/ml
15) T n-Hexacosane (C26)	16.223	2642127	19.796 ug/ml
16) T n-Octacosane (C28)	17.174	2652926	20.380 ug/ml
17) T n-Tricontane (C30)	18.062	2670314	20.939 ug/ml
18) T n-Dotriacontane (C32)	18.896	2697582	21.338 ug/ml
19) T n-Tetratriacontane (C34)	19.681	2569773	20.796 ug/ml
20) T n-Hexatriacontane (C36)	20.421	2423664	20.557 ug/ml
21) T n-Octatriacontane (C38)	21.155	2510471	21.005 ug/ml
22) T n-Tetracontane (C40)	22.057	2421999	19.956 ug/ml

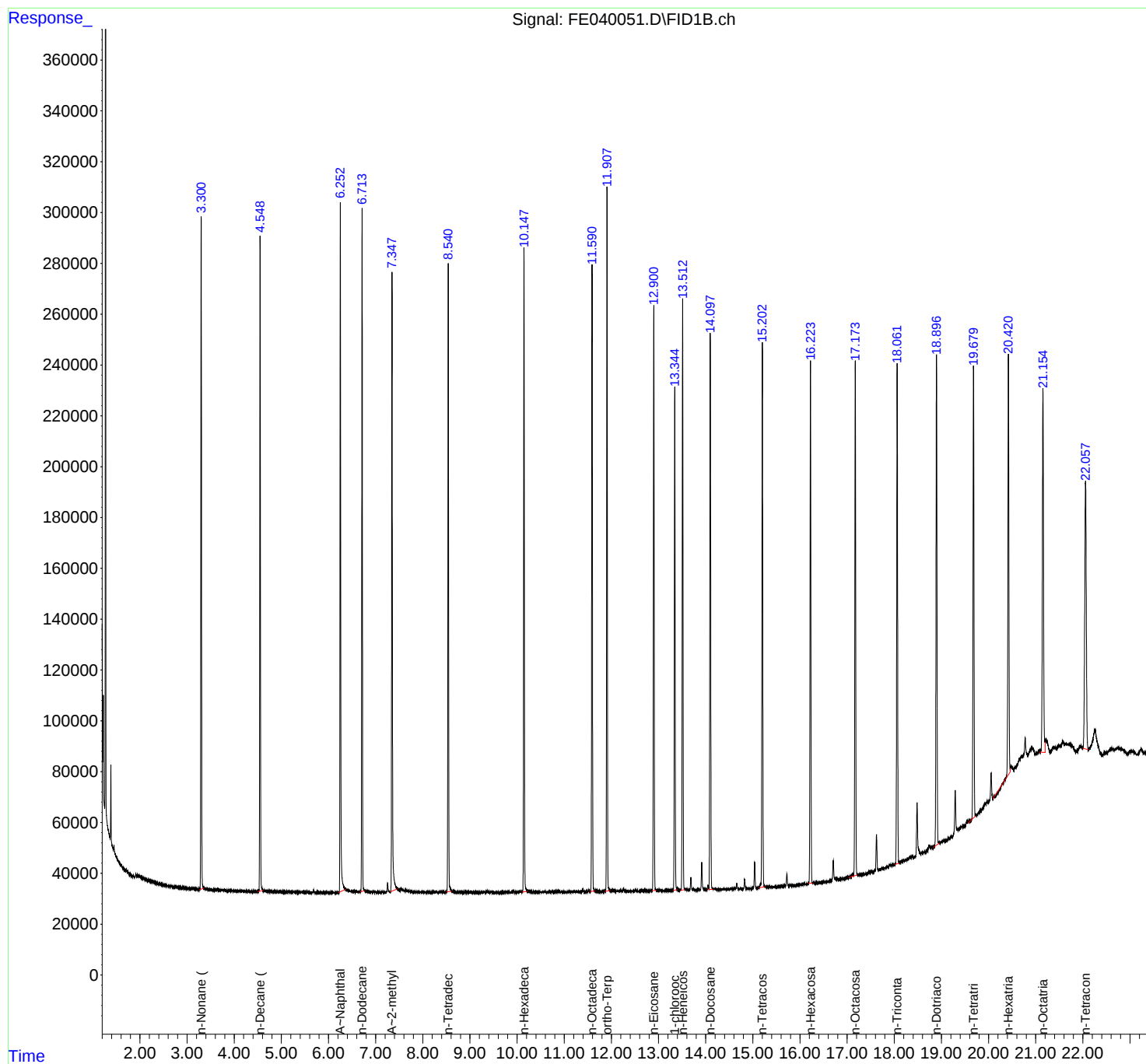
(f)=RT Delta > 1/2 Window

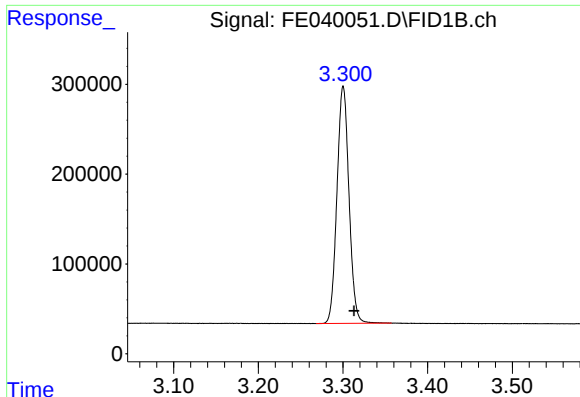
(m)=manual int.

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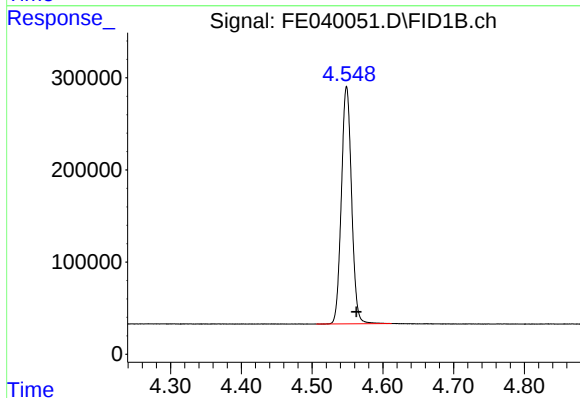
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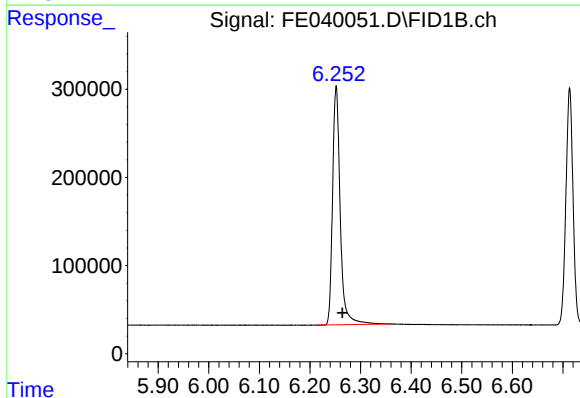
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.013 min
Response: 2610733
Conc: 20.57 ug/ml



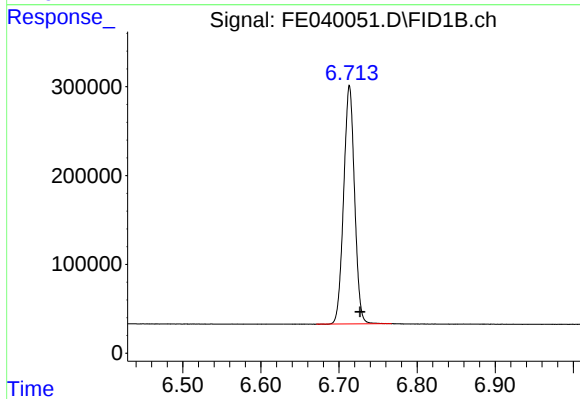
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.014 min
Response: 2579052
Conc: 20.77 ug/ml



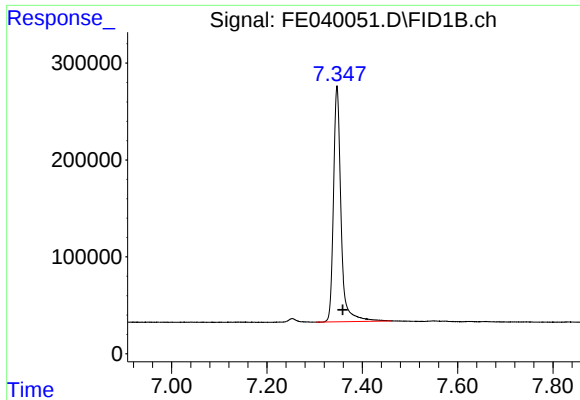
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.013 min
Response: 2853973
Conc: 20.24 ug/ml



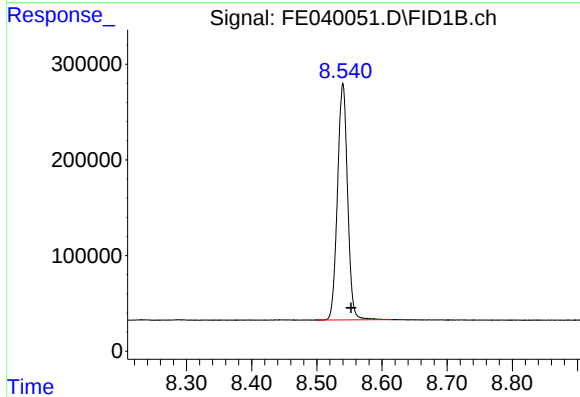
#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.013 min
Response: 2611567
Conc: 20.77 ug/ml



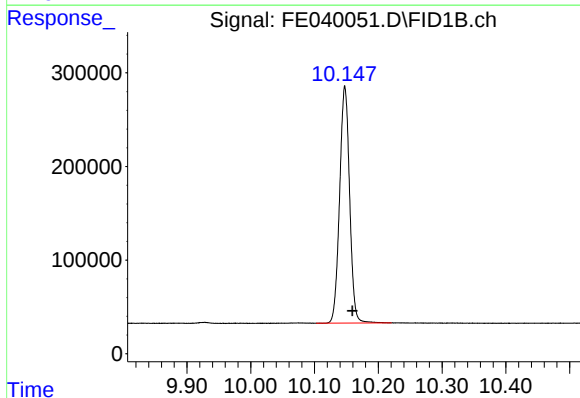
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.347 min
Delta R.T.: -0.012 min
Response: 2664469
Conc: 20.34 ug/ml



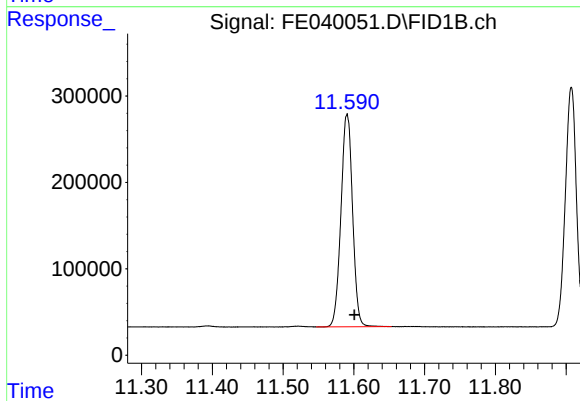
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.012 min
Response: 2660503
Conc: 20.69 ug/ml



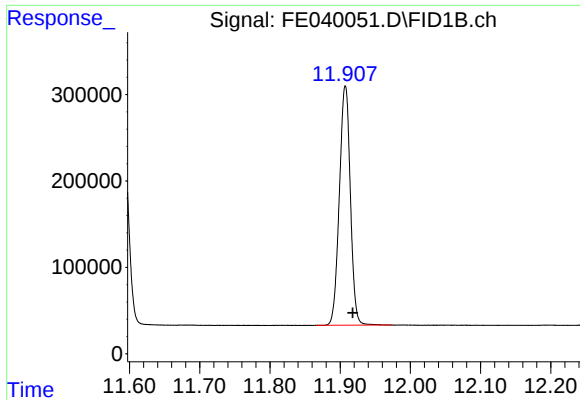
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.011 min
Response: 2752390
Conc: 20.40 ug/ml



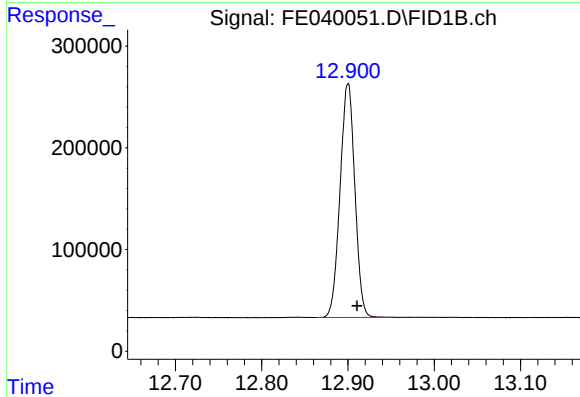
#8 n-Octadecane (C18)

R.T.: 11.591 min
Delta R.T.: -0.010 min
Response: 2807890
Conc: 20.04 ug/ml



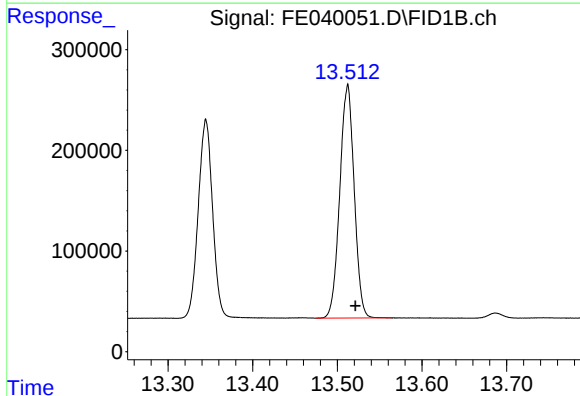
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.010 min
Response: 3018025
Conc: 19.65 ug/ml



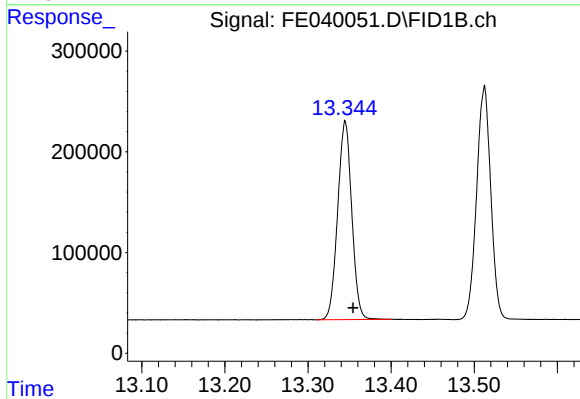
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.010 min
Response: 2743359
Conc: 19.80 ug/ml



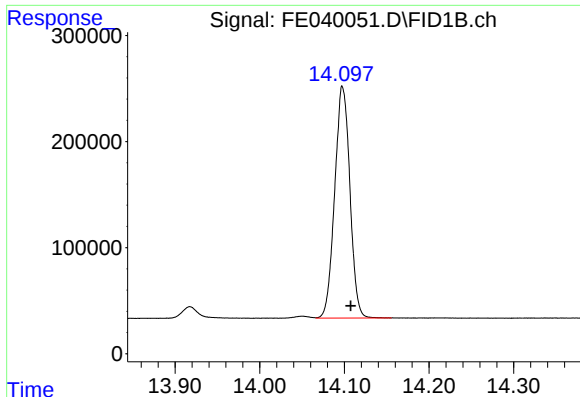
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.009 min
Response: 2744403
Conc: 19.67 ug/ml



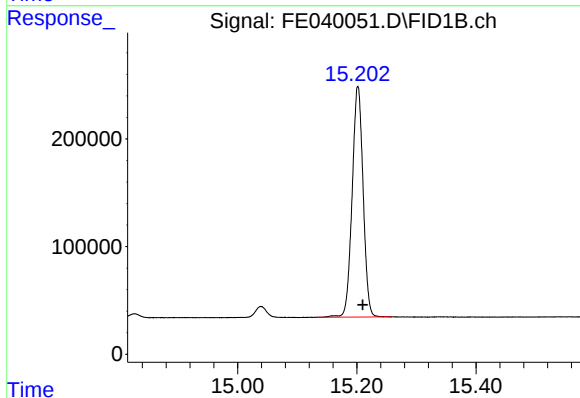
#12 1-chlorooctadecane (SURR)

R.T.: 13.345 min
Delta R.T.: -0.009 min
Response: 2322564
Conc: 19.90 ug/ml



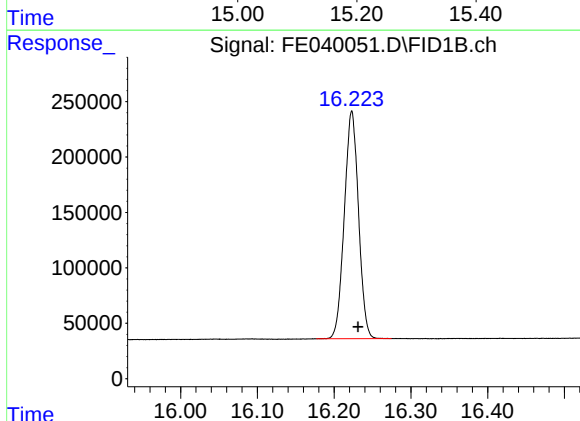
#13 n-Docosane (C22)

R.T.: 14.098 min
Delta R.T.: -0.010 min
Response: 2726783
Conc: 19.64 ug/ml



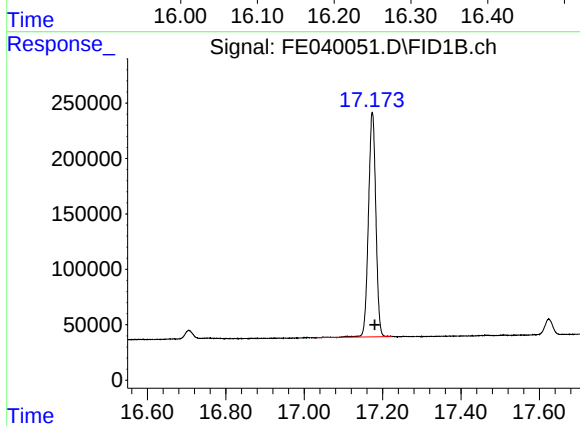
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.008 min
Response: 2740199
Conc: 19.90 ug/ml



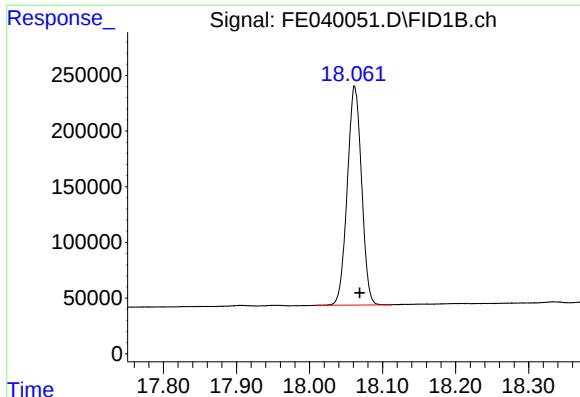
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.008 min
Response: 2642127
Conc: 19.80 ug/ml



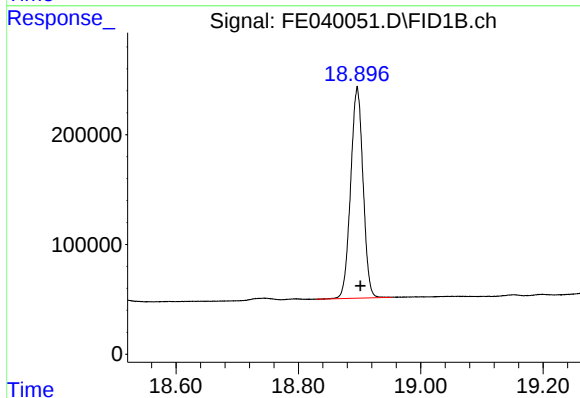
#16 n-Octacosane (C28)

R.T.: 17.174 min
Delta R.T.: -0.006 min
Response: 2652926
Conc: 20.38 ug/ml



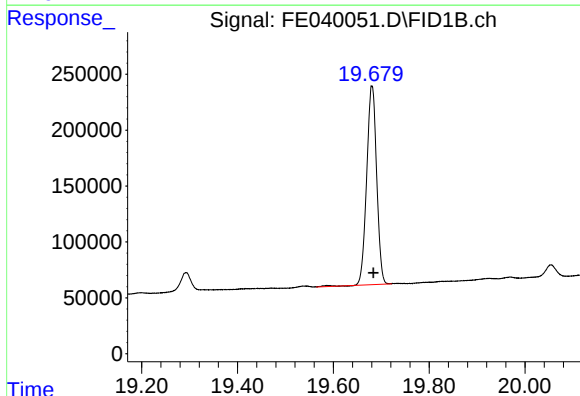
#17 n-Tricontane (C30)

R.T.: 18.062 min
Delta R.T.: -0.007 min
Response: 2670314
Conc: 20.94 ug/ml



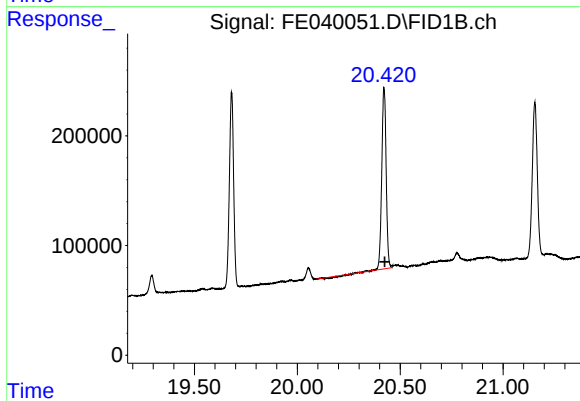
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.005 min
Response: 2697582
Conc: 21.34 ug/ml



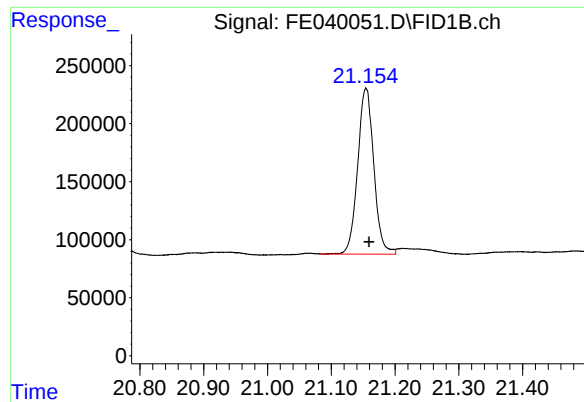
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.003 min
Response: 2569773
Conc: 20.80 ug/ml



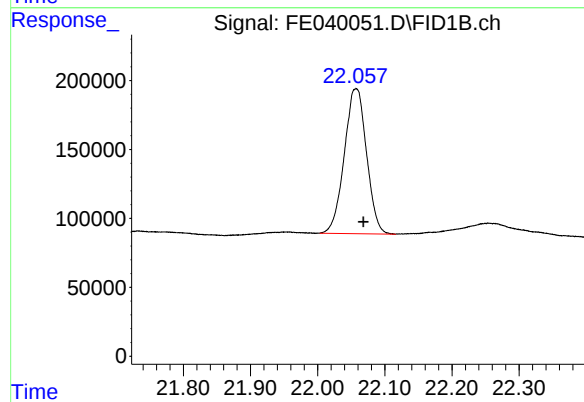
#20 n-Hexatriacontane (C36)

R.T.: 20.421 min
Delta R.T.: -0.004 min
Response: 2423664
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: -0.005 min
Response: 2510471
Conc: 21.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.057 min
Delta R.T.: -0.011 min
Response: 2421999
Conc: 19.96 ug/ml