

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020323AL\
 Data File : FE040199.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2023 23:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 03 00:01:23 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)	11.898	2873438	17.753 ug/ml
Spiked Amount 50.000		Recovery =	35.51%
12) S 1-chlorooctadecane (S...	13.336	2209102	17.812 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
Target Compounds			
1) T n-Nonane (C9)	3.291	2375682	17.455 ug/ml
2) T n-Decane (C10)	4.540	2356807	17.738 ug/ml
3) T A~Naphthalene (C11.7)	6.243	2589789	17.696 ug/ml
4) T n-Dodecane (C12)	6.705	2394397	17.784 ug/ml
5) T A~2-methylnaphthalene...	7.338	2439361	18.022 ug/ml
6) T n-Tetradecane (C14)	8.531	2454083	17.807 ug/ml
7) T n-Hexadecane (C16)	10.139	2562948	17.858 ug/ml
8) T n-Octadecane (C18)	11.582	2657494	17.865 ug/ml
10) T n-Eicosane (C20)	12.891	2604274	17.714 ug/ml
11) T n-Heneicosane (C21)	13.504	2611444	17.706 ug/ml
13) T n-Docosane (C22)	14.090	2622155	17.697 ug/ml
14) T n-Tetracosane (C24)	15.195	2725588	17.955 ug/ml
15) T n-Hexacosane (C26)	16.216	2606215	17.580 ug/ml
16) T n-Octacosane (C28)	17.168	2605560	17.386 ug/ml
17) T n-Tricontane (C30)	18.055	2707140	18.347 ug/ml
18) T n-Dotriacontane (C32)	18.889	2727320	18.622 ug/ml
19) T n-Tetratriacontane (C34)	19.674	2534514	18.427 ug/ml
20) T n-Hexatriacontane (C36)	20.416	2354795	17.753 ug/ml
21) T n-Octatriacontane (C38)	21.147	2272677	17.518 ug/ml
22) T n-Tetracontane (C40)	22.050	2298742	17.314 ug/ml

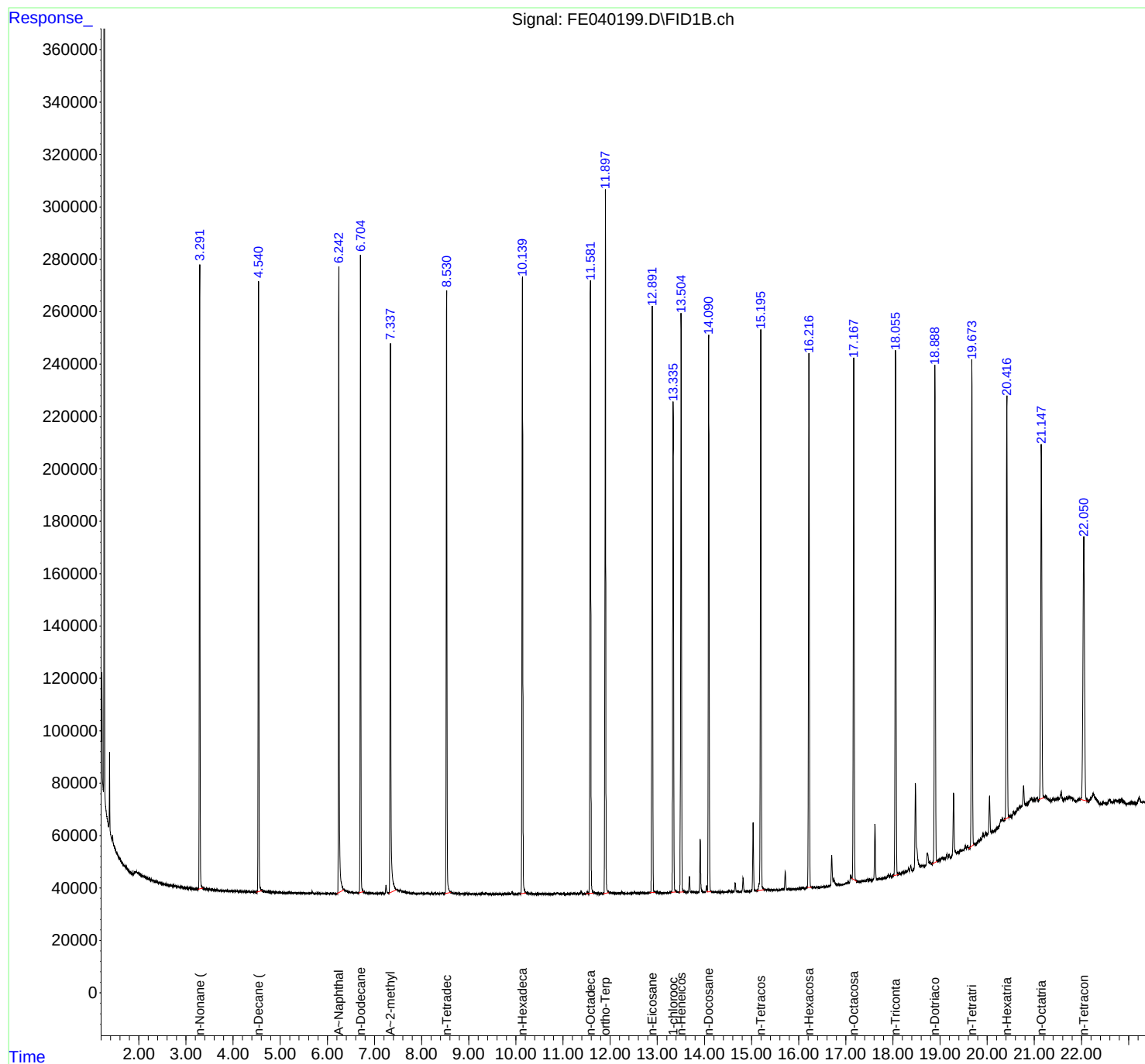
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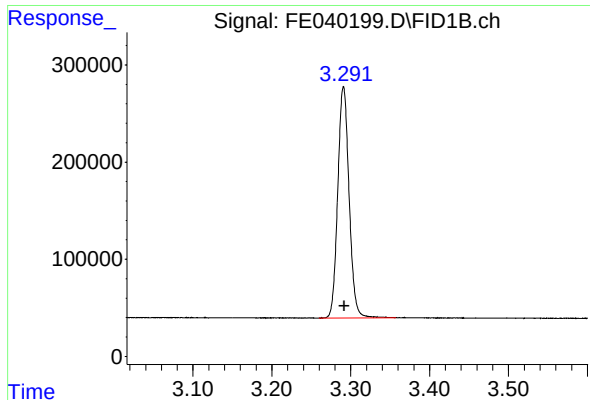
(m)=manual int.

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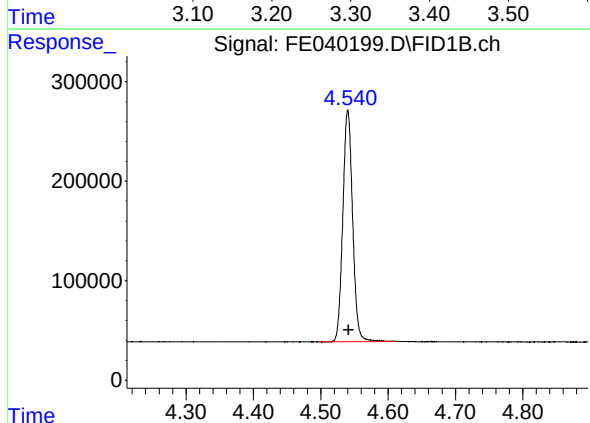
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





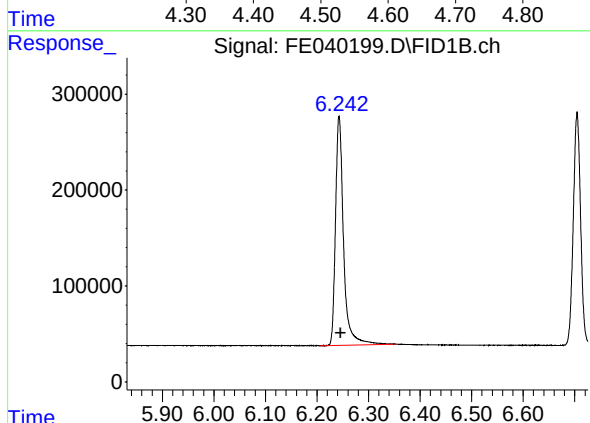
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.001 min
Response: 2375682
Conc: 17.45 ug/ml



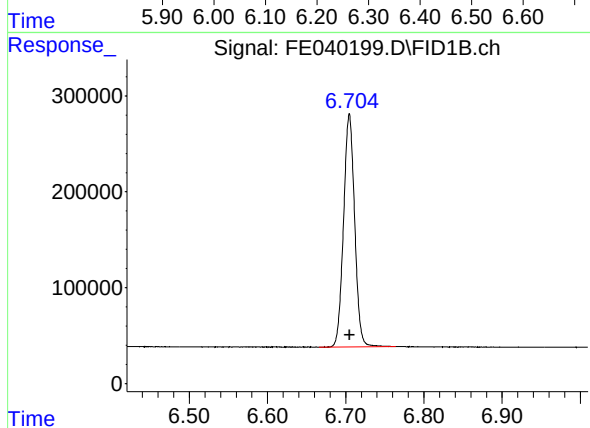
#2 n-Decane (C10)

R.T.: 4.540 min
Delta R.T.: -0.001 min
Response: 2356807
Conc: 17.74 ug/ml



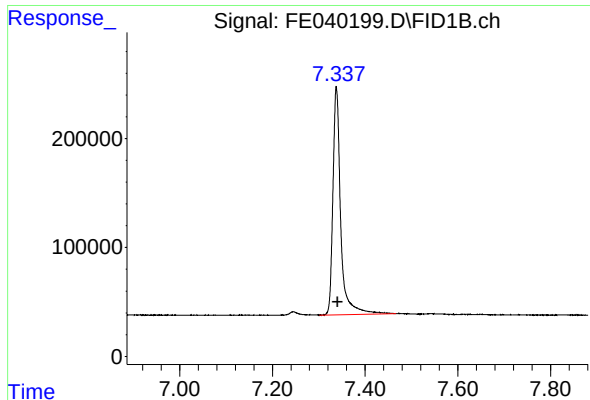
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 2589789
Conc: 17.70 ug/ml



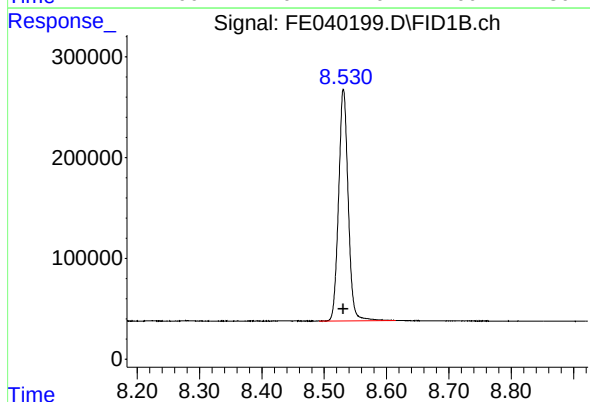
#4 n-Dodecane (C12)

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 2394397
Conc: 17.78 ug/ml



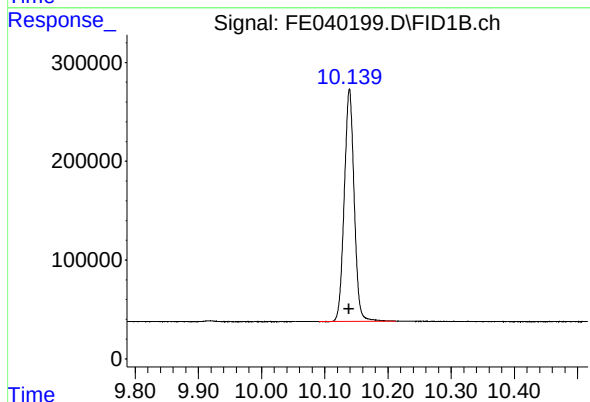
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 2439361
Conc: 18.02 ug/ml



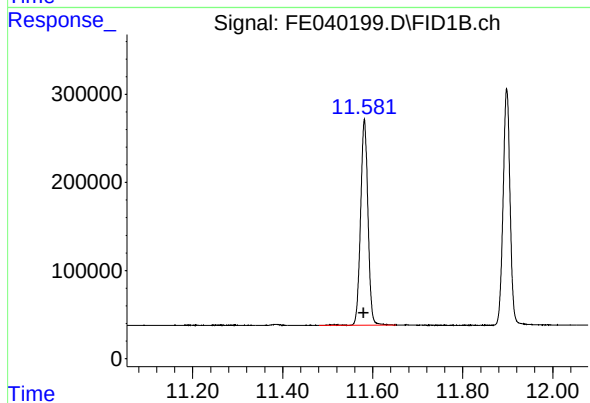
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 2454083
Conc: 17.81 ug/ml



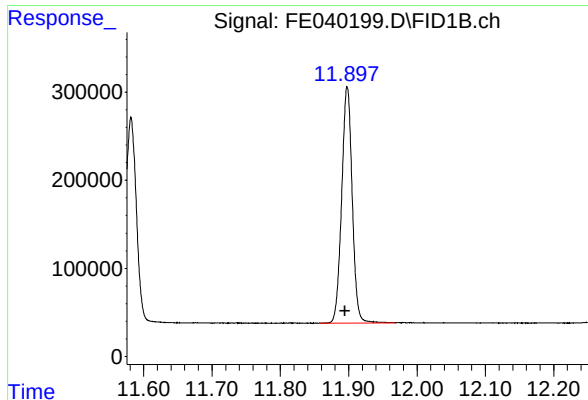
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: 0.001 min
Response: 2562948
Conc: 17.86 ug/ml



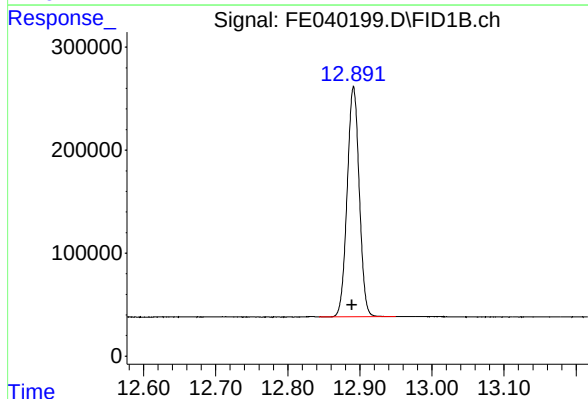
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: 0.002 min
Response: 2657494
Conc: 17.87 ug/ml



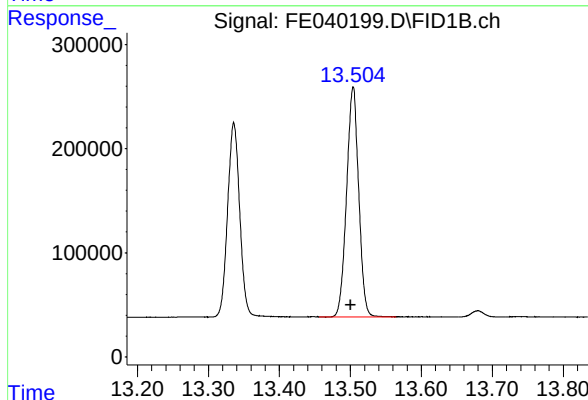
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: 0.003 min
Response: 2873438
Conc: 17.75 ug/ml



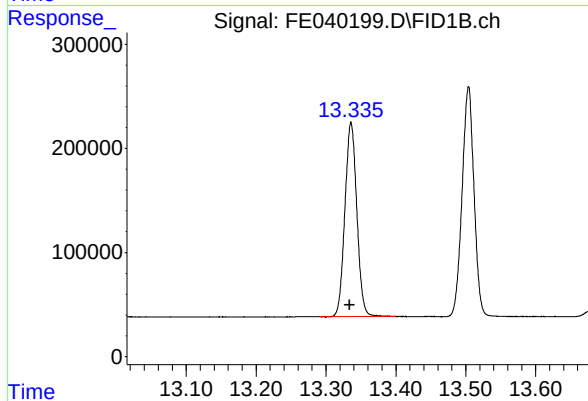
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: 0.002 min
Response: 2604274
Conc: 17.71 ug/ml



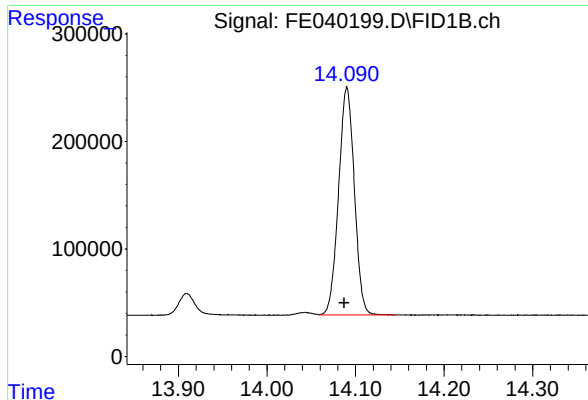
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: 0.003 min
Response: 2611444
Conc: 17.71 ug/ml



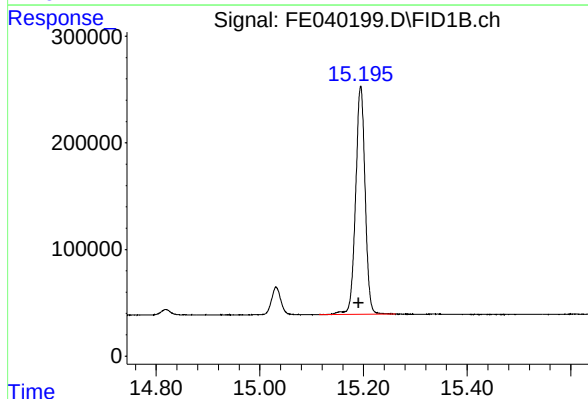
#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: 0.002 min
Response: 2209102
Conc: 17.81 ug/ml



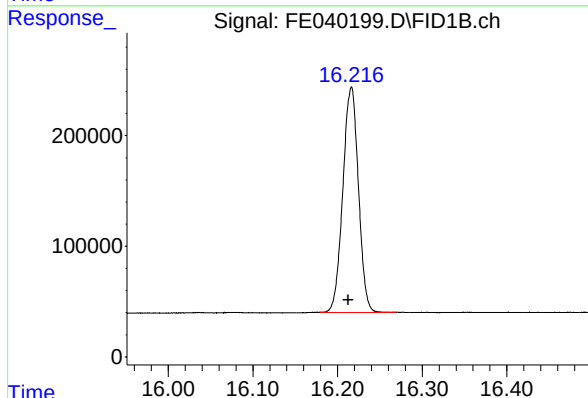
#13 n-Docosane (C22)

R.T.: 14.090 min
Delta R.T.: 0.003 min
Response: 2622155
Conc: 17.70 ug/ml



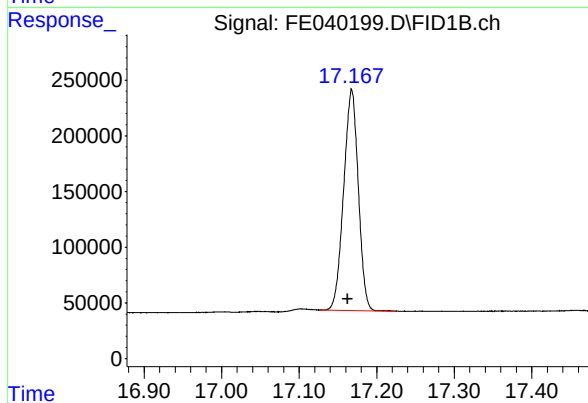
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: 0.004 min
Response: 2725588
Conc: 17.95 ug/ml



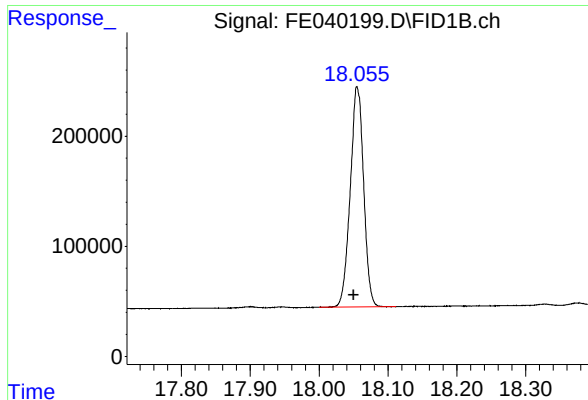
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: 0.004 min
Response: 2606215
Conc: 17.58 ug/ml



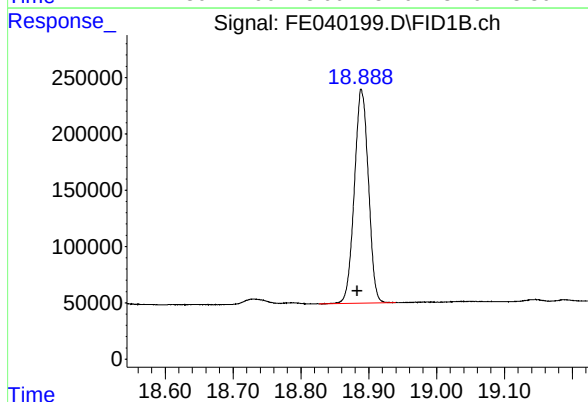
#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: 0.005 min
Response: 2605560
Conc: 17.39 ug/ml



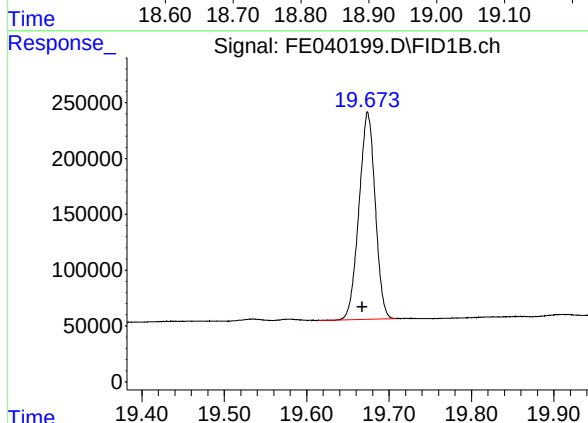
#17 n-Tricontane (C30)

R.T.: 18.055 min
Delta R.T.: 0.005 min
Response: 2707140
Conc: 18.35 ug/ml



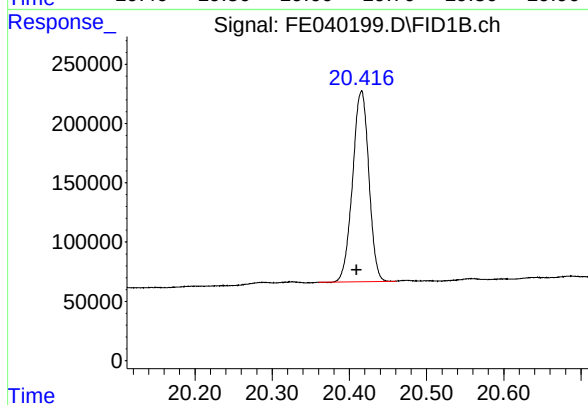
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: 0.006 min
Response: 2727320
Conc: 18.62 ug/ml



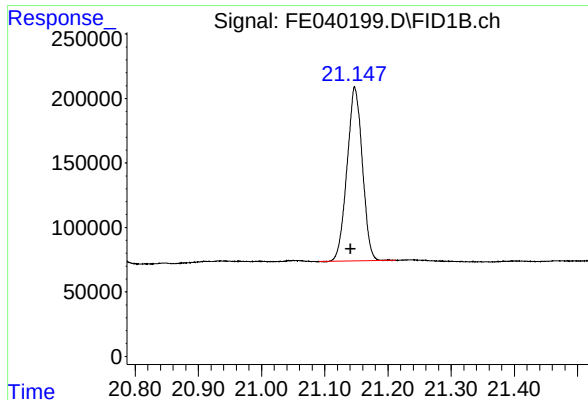
#19 n-Tetatriacontane (C34)

R.T.: 19.674 min
Delta R.T.: 0.007 min
Response: 2534514
Conc: 18.43 ug/ml



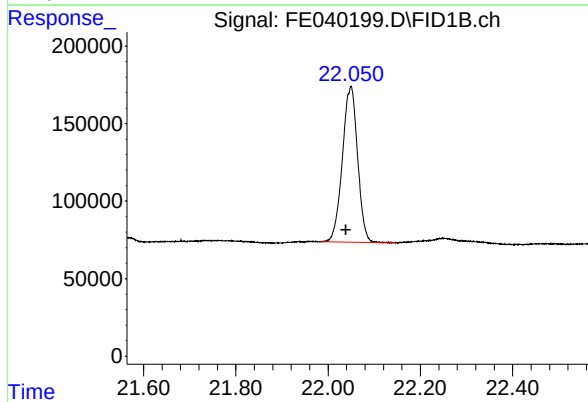
#20 n-Hexatriacontane (C36)

R.T.: 20.416 min
Delta R.T.: 0.007 min
Response: 2354795
Conc: 17.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.147 min
Delta R.T.: 0.006 min
Response: 2272677
Conc: 17.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: 0.011 min
Response: 2298742
Conc: 17.31 ug/ml