

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100623AL\
 Data File : FE044671.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2023 02:38
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 04:54:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.927	3523682	18.769 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
12) S 1-chlorooctadecane (S...	13.371	2588948	19.030 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
Target Compounds			
1) T n-Nonane (C9)	3.301	2950585	18.174 ug/ml
2) T n-Decane (C10)	4.554	3065892	18.515 ug/ml
3) T A~Naphthalene (C11.7)	6.257	3311173	18.520 ug/ml
4) T n-Dodecane (C12)	6.722	3098258	18.627 ug/ml
5) T A~2-methylnaphthalene...	7.354	3180182	18.588 ug/ml
6) T n-Tetradecane (C14)	8.552	3075247	18.732 ug/ml
7) T n-Hexadecane (C16)	10.165	3170482	18.715 ug/ml
8) T n-Octadecane (C18)	11.612	3184668	18.757 ug/ml
10) T n-Eicosane (C20)	12.924	3028886	18.826 ug/ml
11) T n-Heneicosane (C21)	13.539	2940327	18.778 ug/ml
13) T n-Docosane (C22)	14.127	2920822	18.938 ug/ml
14) T n-Tetracosane (C24)	15.233	2887707	19.103 ug/ml
15) T n-Hexacosane (C26)	16.256	2824251	19.200 ug/ml
16) T n-Octacosane (C28)	17.209	2893455	20.174 ug/ml
17) T n-Tricontane (C30)	18.099	3216587	21.700 ug/ml
18) T n-Dotriacontane (C32)	18.936	3351280	22.638 ug/ml
19) T n-Tetratriacontane (C34)	19.722	3256928	22.286 ug/ml
20) T n-Hexatriacontane (C36)	20.463	3047192	21.007 ug/ml
21) T n-Octatriacontane (C38)	21.211	3035313	20.264 ug/ml
22) T n-Tetracontane (C40)	22.143	3207131	20.323 ug/mlm

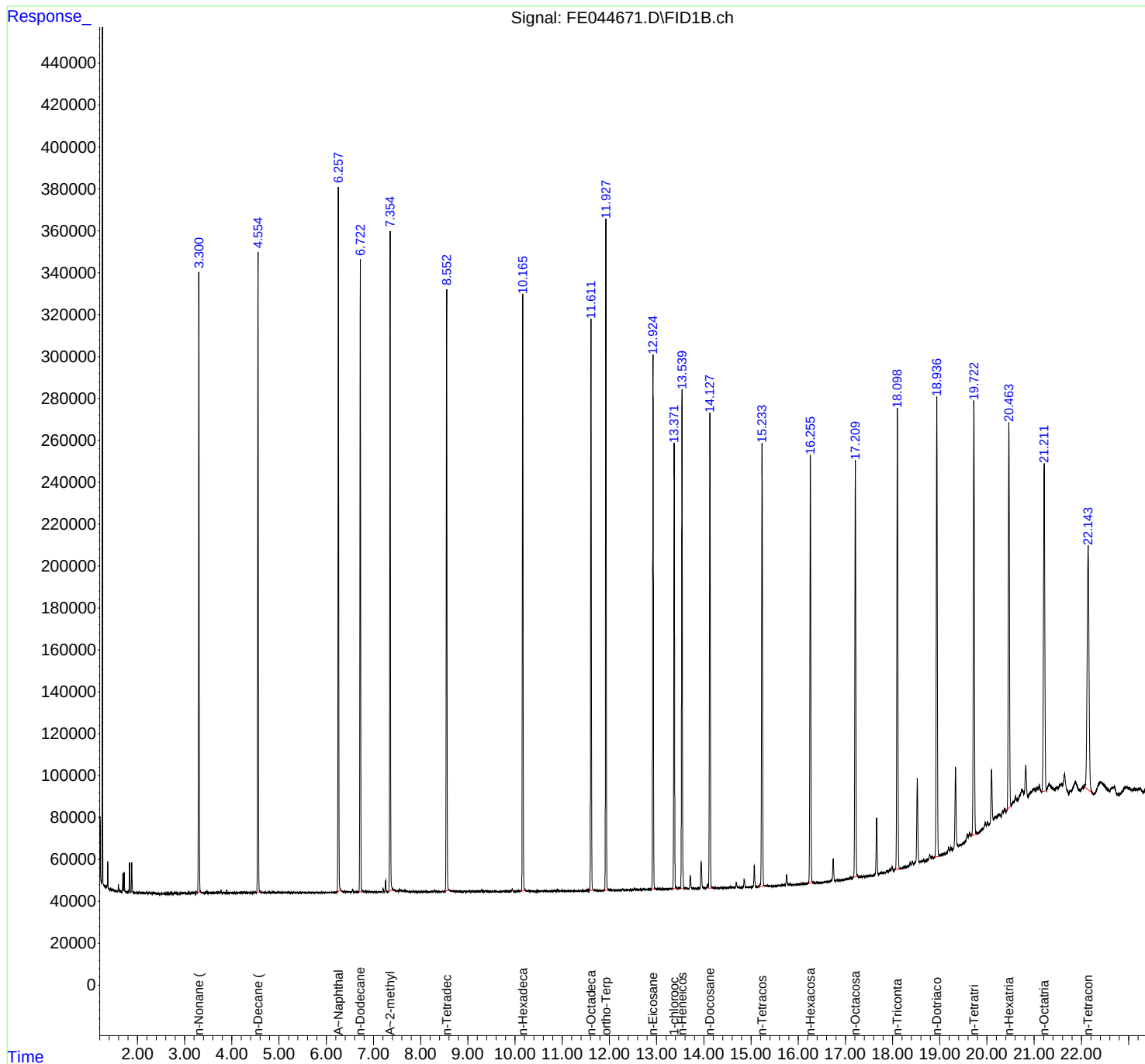
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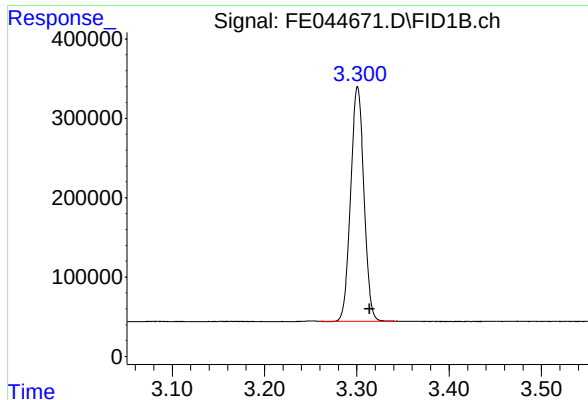
(m)=manual int.

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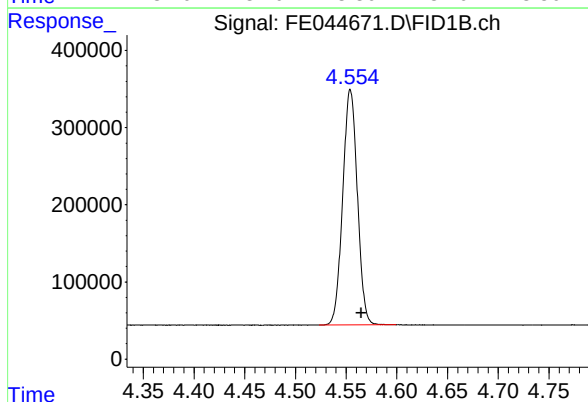
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Signal Info : 20M x 0.18mm x 0.18um





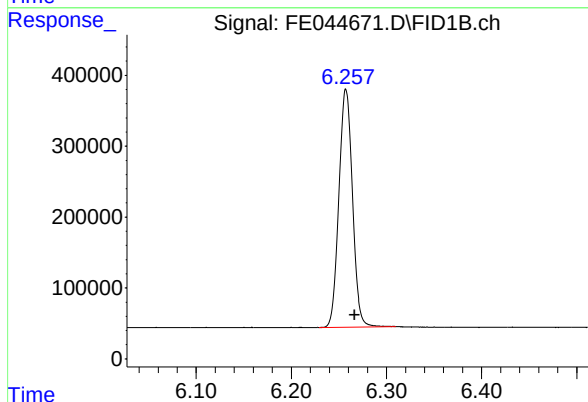
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.013 min
Response: 2950585
Conc: 18.17 ug/ml



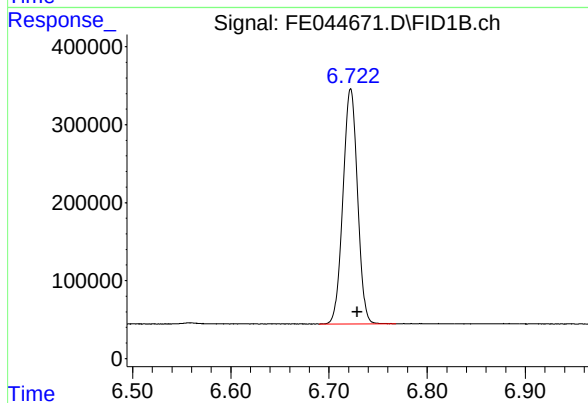
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.011 min
Response: 3065892
Conc: 18.51 ug/ml



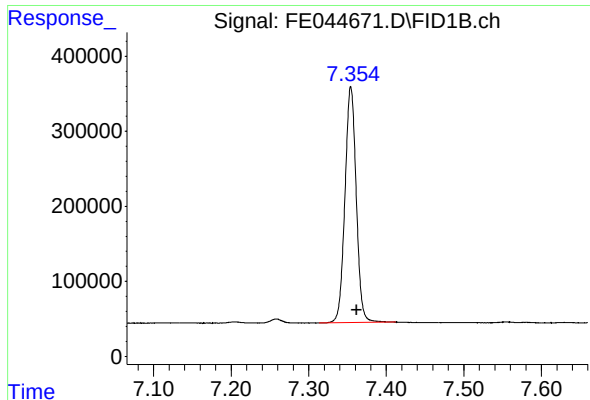
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: -0.009 min
Response: 3311173
Conc: 18.52 ug/ml



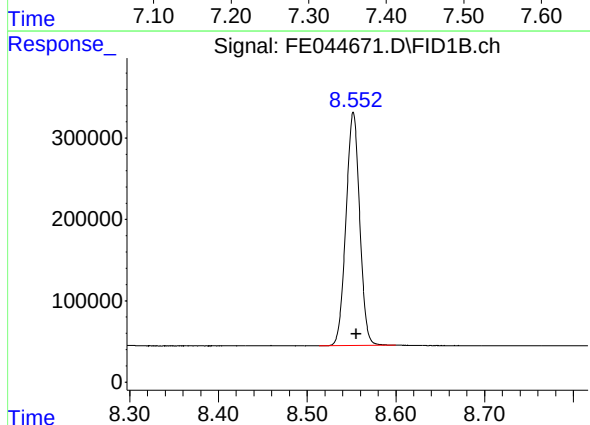
#4 n-Dodecane (C12)

R.T.: 6.722 min
Delta R.T.: -0.007 min
Response: 3098258
Conc: 18.63 ug/ml



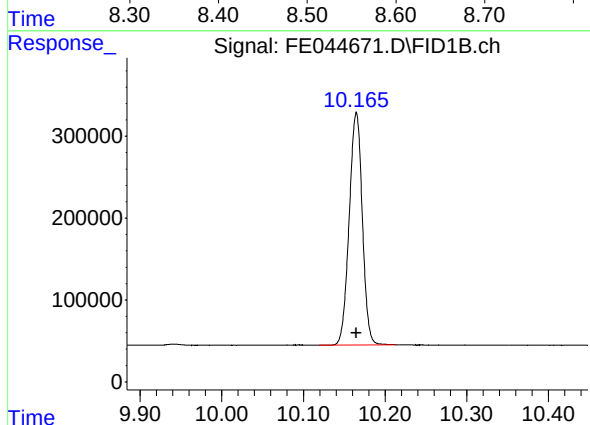
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: -0.007 min
Response: 3180182
Conc: 18.59 ug/ml



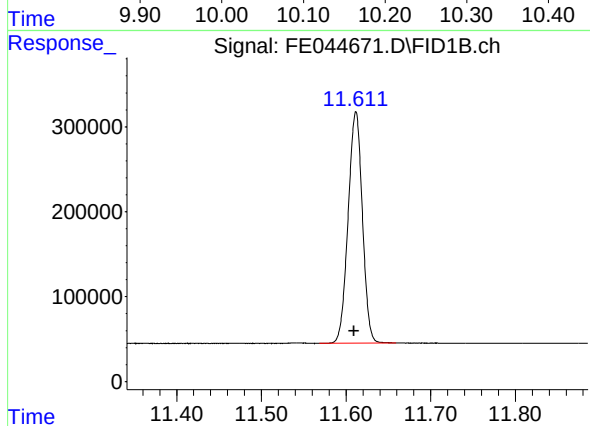
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.003 min
Response: 3075247
Conc: 18.73 ug/ml



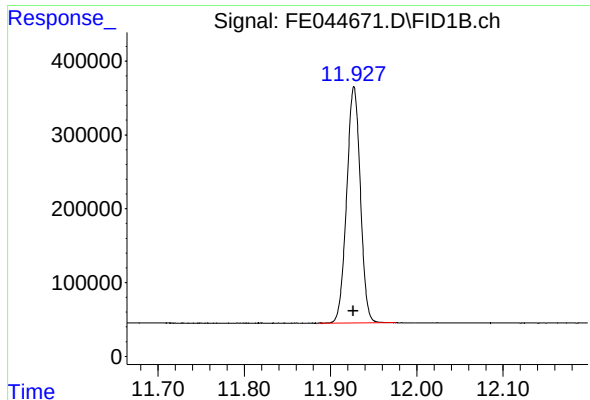
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.000 min
Response: 3170482
Conc: 18.72 ug/ml



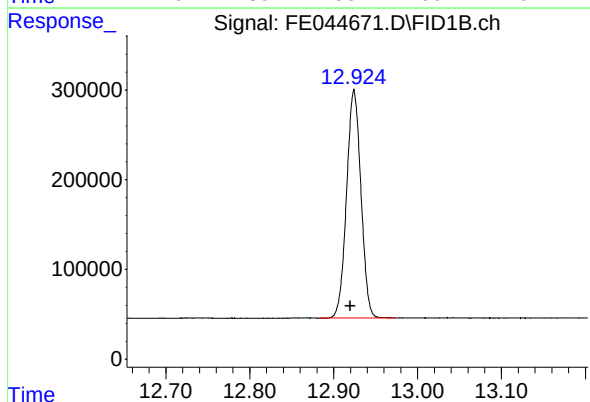
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: 0.002 min
Response: 3184668
Conc: 18.76 ug/ml



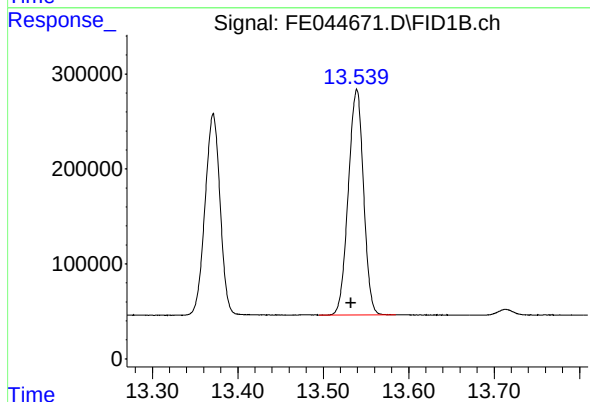
#9 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: 0.000 min
Response: 3523682
Conc: 18.77 ug/ml



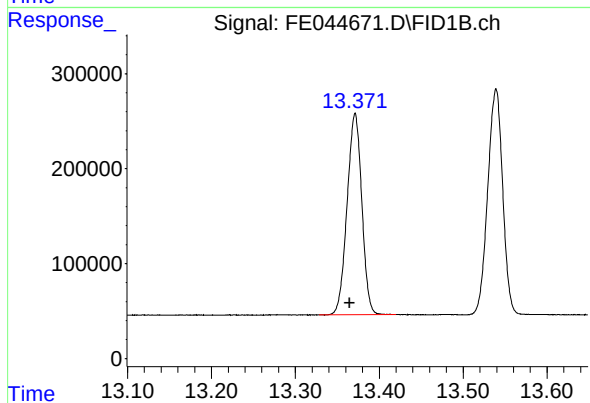
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.004 min
Response: 3028886
Conc: 18.83 ug/ml



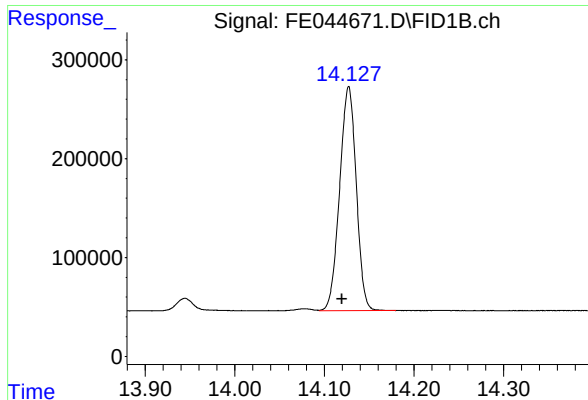
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: 0.007 min
Response: 2940327
Conc: 18.78 ug/ml



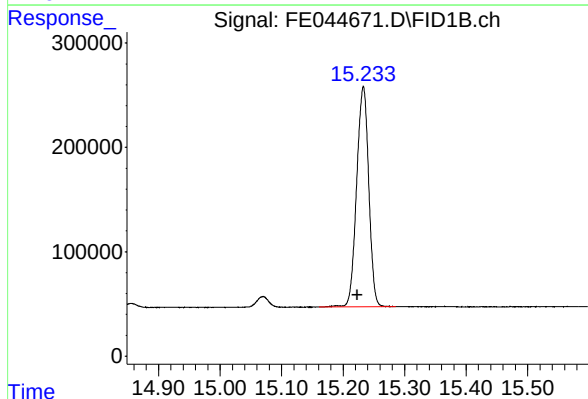
#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: 0.006 min
Response: 2588948
Conc: 19.03 ug/ml



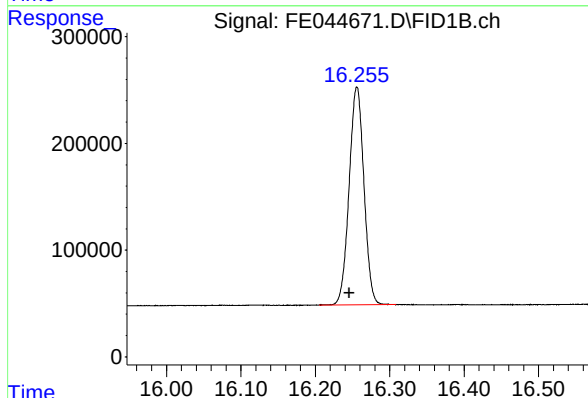
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.007 min
Response: 2920822
Conc: 18.94 ug/ml



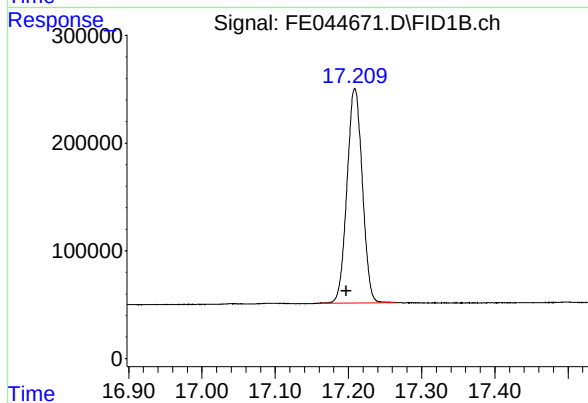
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: 0.010 min
Response: 2887707
Conc: 19.10 ug/ml



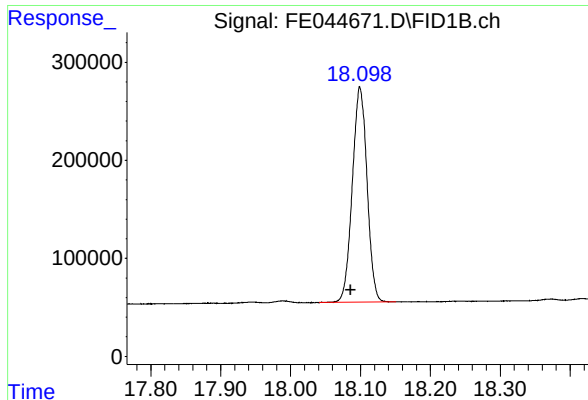
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.010 min
Response: 2824251
Conc: 19.20 ug/ml



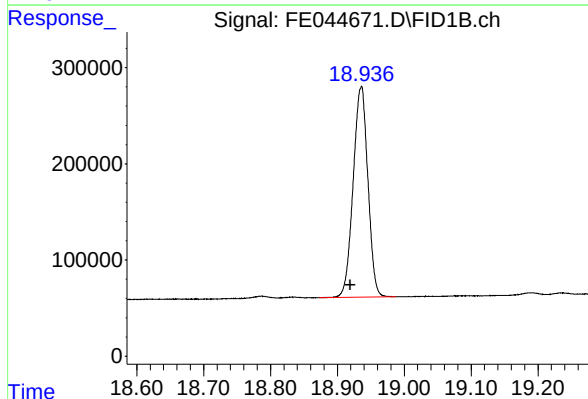
#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: 0.012 min
Response: 2893455
Conc: 20.17 ug/ml



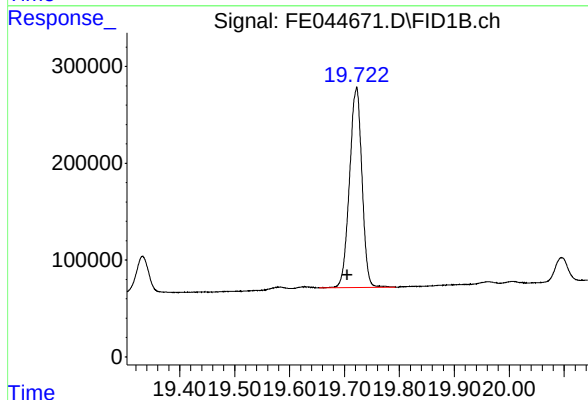
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: 0.013 min
Response: 3216587
Conc: 21.70 ug/ml



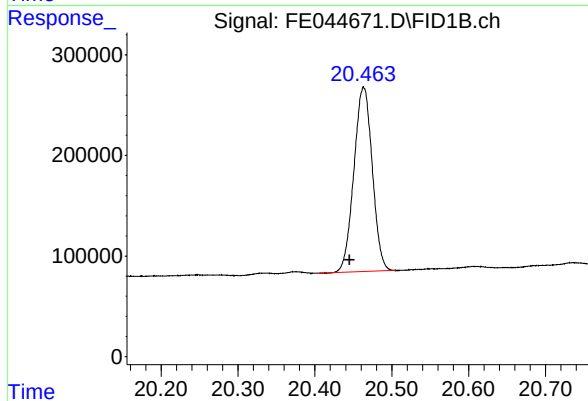
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.016 min
Response: 3351280
Conc: 22.64 ug/ml



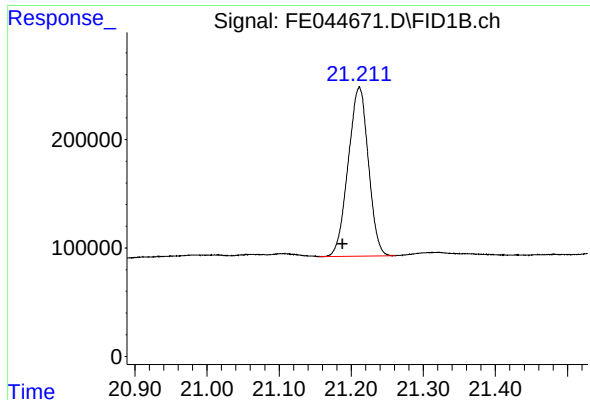
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.017 min
Response: 3256928
Conc: 22.29 ug/ml



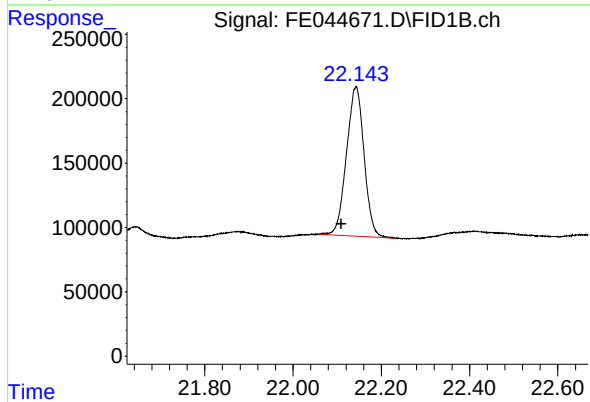
#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.018 min
Response: 3047192
Conc: 21.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: 0.023 min
Response: 3035313
Conc: 20.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: 0.034 min
Response: 3207131
Conc: 20.32 ug/ml m