

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011423AL\
 Data File : FE039802.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jan 2023 09:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 12:15:23 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)	11.922	3117192	20.299 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	13.358	2413173	20.679 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
Target Compounds			
1) T n-Nonane (C9)	3.312	2568230	20.233 ug/ml
2) T n-Decane (C10)	4.562	2535367	20.416 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2894009	20.521 ug/ml
4) T n-Dodecane (C12)	6.727	2585158	20.562 ug/ml
5) T A~2-methylnaphthalene...	7.361	2728426	20.831 ug/ml
6) T n-Tetradecane (C14)	8.554	2658981	20.674 ug/ml
7) T n-Hexadecane (C16)	10.161	2786320	20.654 ug/ml
8) T n-Octadecane (C18)	11.604	2874494	20.514 ug/ml
10) T n-Eicosane (C20)	12.914	2835709	20.467 ug/ml
11) T n-Heneicosane (C21)	13.525	2844913	20.388 ug/ml
13) T n-Docosane (C22)	14.112	2837202	20.440 ug/ml
14) T n-Tetracosane (C24)	15.215	2839963	20.627 ug/ml
15) T n-Hexacosane (C26)	16.238	2747201	20.584 ug/ml
16) T n-Octacosane (C28)	17.187	2713542	20.845 ug/ml
17) T n-Tricontane (C30)	18.077	2717036	21.306 ug/ml
18) T n-Dotriacontane (C32)	18.909	2724930	21.554 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2717137	21.989 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2579329	21.878 ug/ml
21) T n-Octatriacontane (C38)	21.170	2805208	23.471 ug/ml
22) T n-Tetracontane (C40)	22.077	2546772	20.984 ug/ml

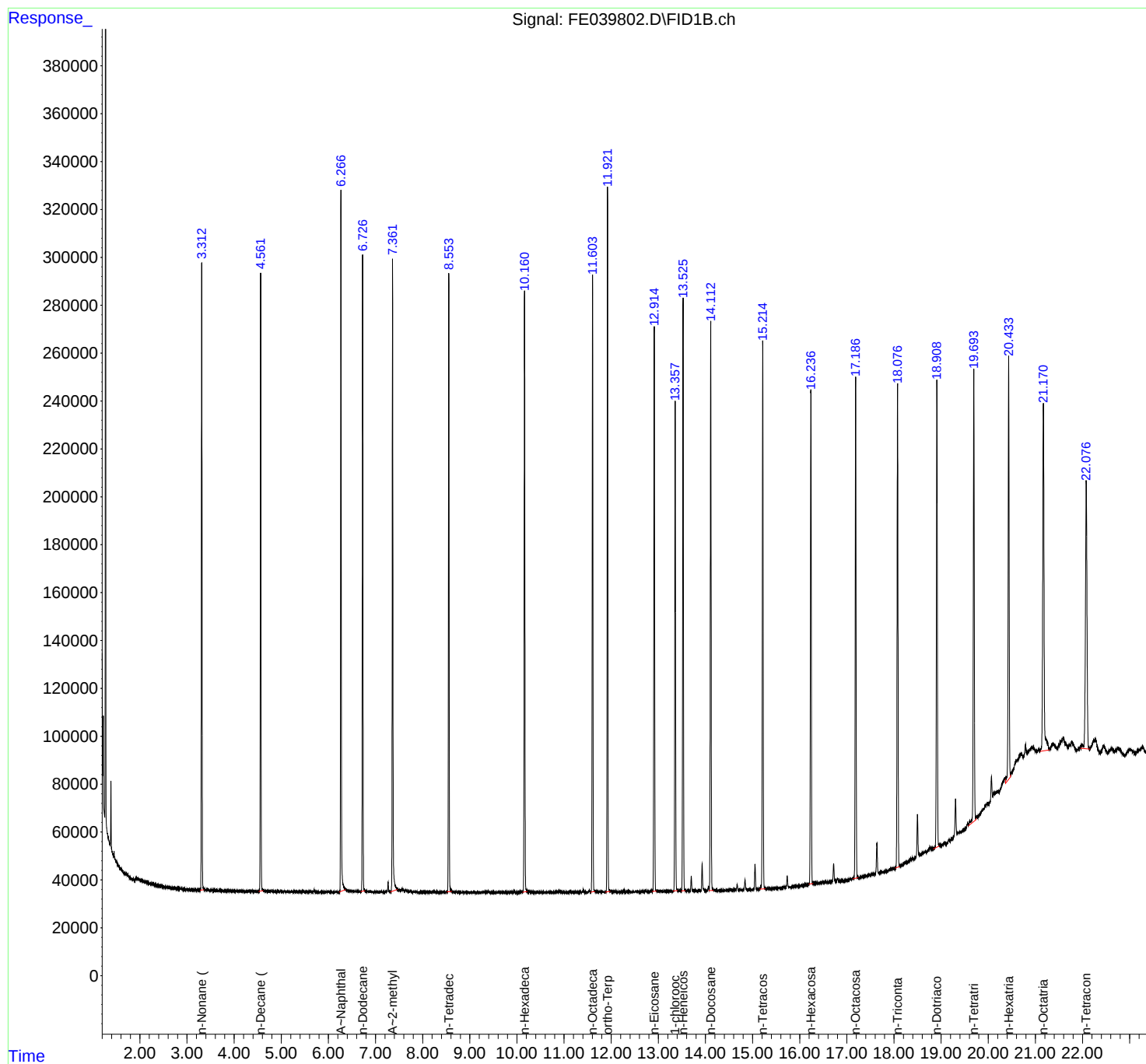
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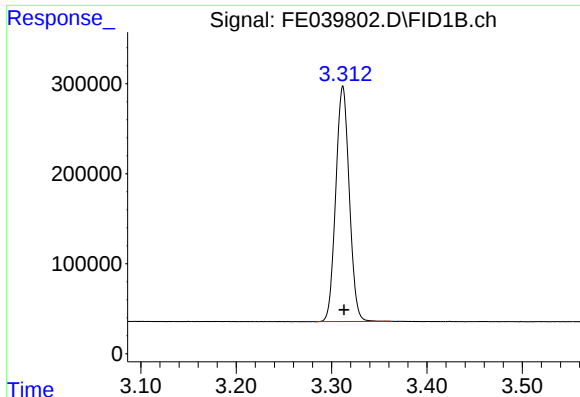
(m)=manual int.

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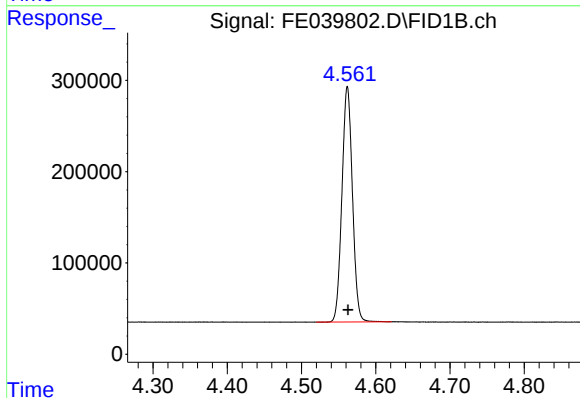
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





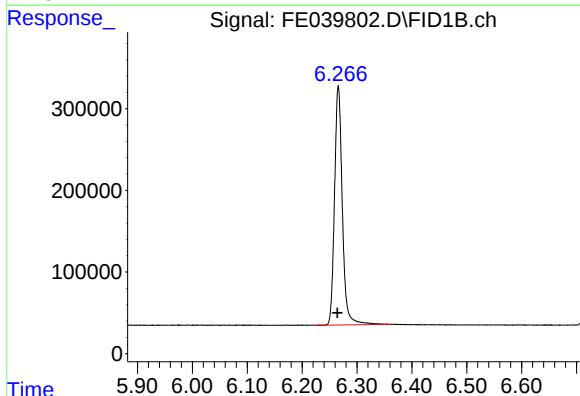
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: -0.001 min
Response: 2568230
Conc: 20.23 ug/ml



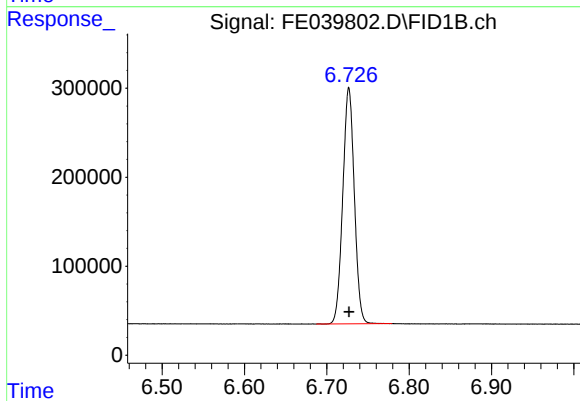
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 2535367
Conc: 20.42 ug/ml



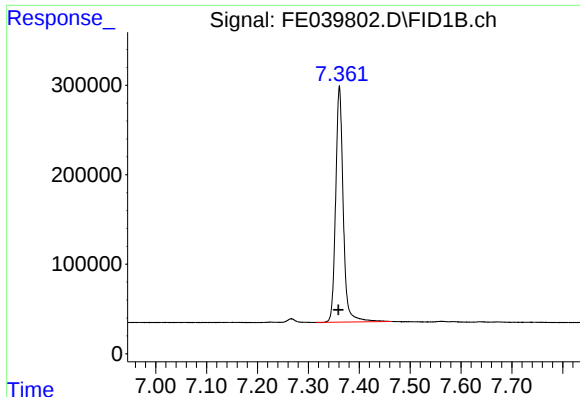
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 2894009
Conc: 20.52 ug/ml



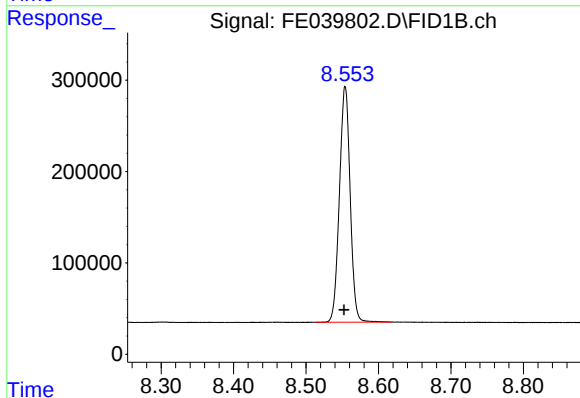
#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 2585158
Conc: 20.56 ug/ml



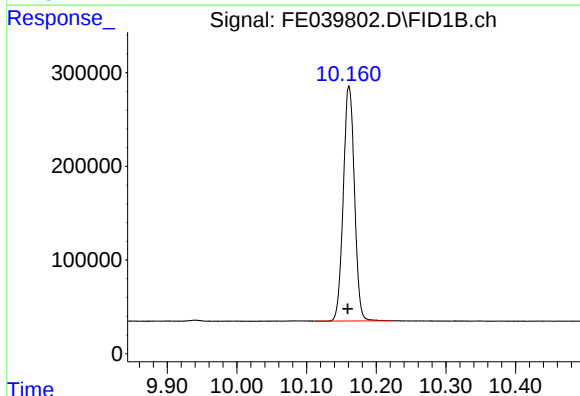
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.361 min
Delta R.T.: 0.002 min
Response: 2728426
Conc: 20.83 ug/ml



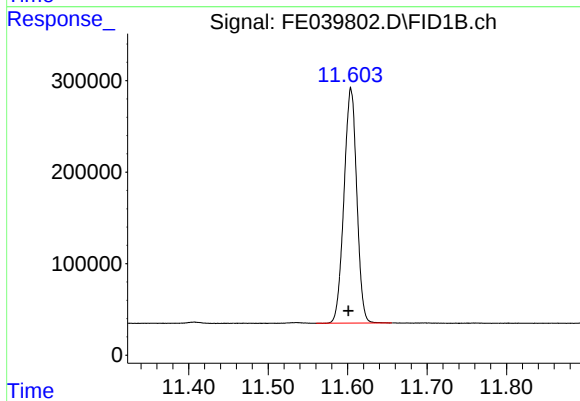
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: 0.002 min
Response: 2658981
Conc: 20.67 ug/ml



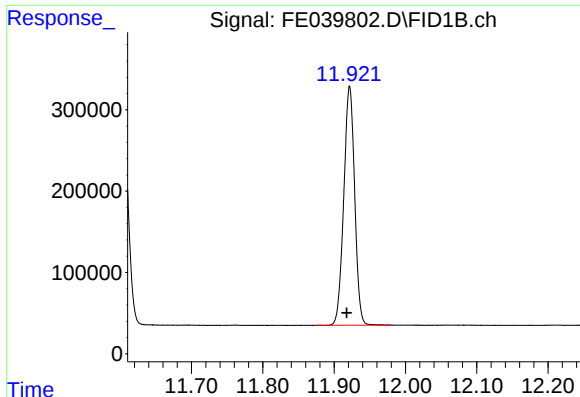
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.002 min
Response: 2786320
Conc: 20.65 ug/ml



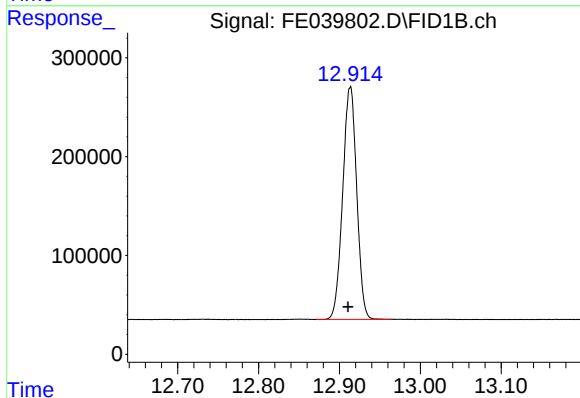
#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: 0.003 min
Response: 2874494
Conc: 20.51 ug/ml



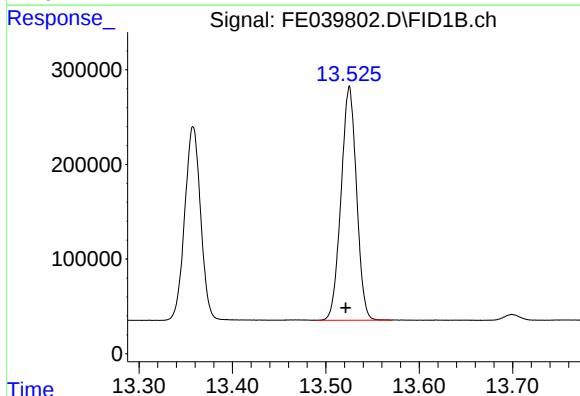
#9 ortho-Terphenyl (SURR)

R.T.: 11.922 min
Delta R.T.: 0.004 min
Response: 3117192
Conc: 20.30 ug/ml



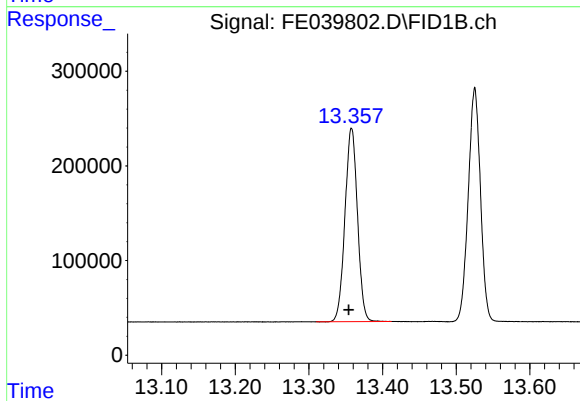
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.003 min
Response: 2835709
Conc: 20.47 ug/ml



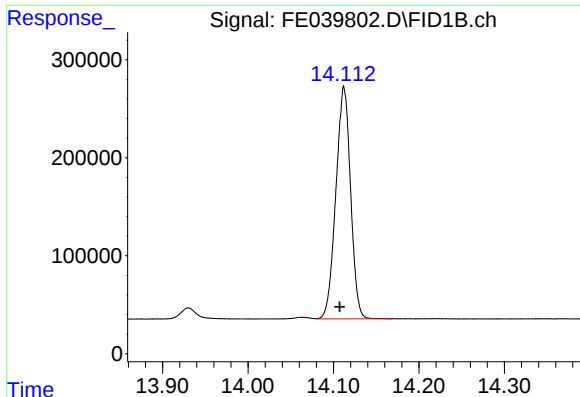
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: 0.004 min
Response: 2844913
Conc: 20.39 ug/ml



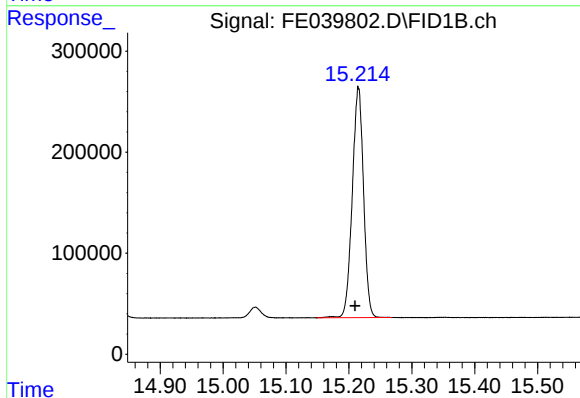
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: 0.004 min
Response: 2413173
Conc: 20.68 ug/ml



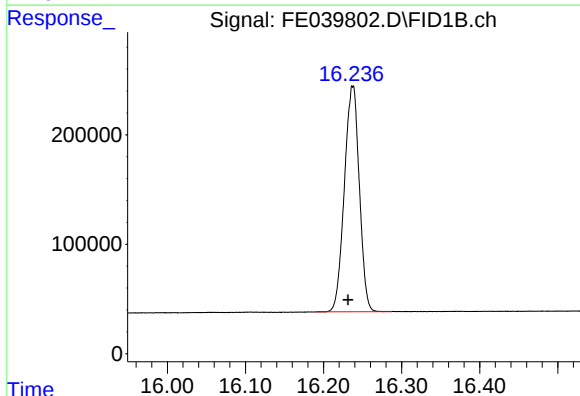
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: 0.005 min
Response: 2837202
Conc: 20.44 ug/ml



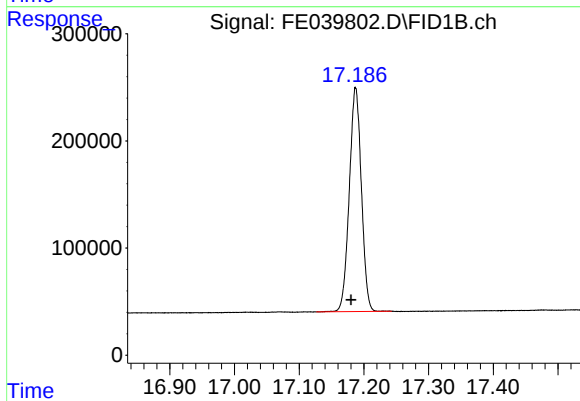
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: 0.005 min
Response: 2839963
Conc: 20.63 ug/ml



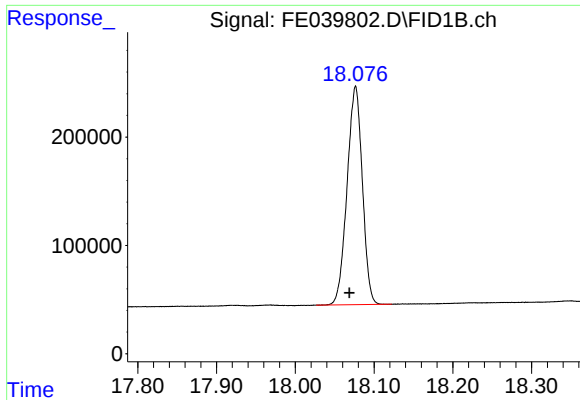
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.006 min
Response: 2747201
Conc: 20.58 ug/ml



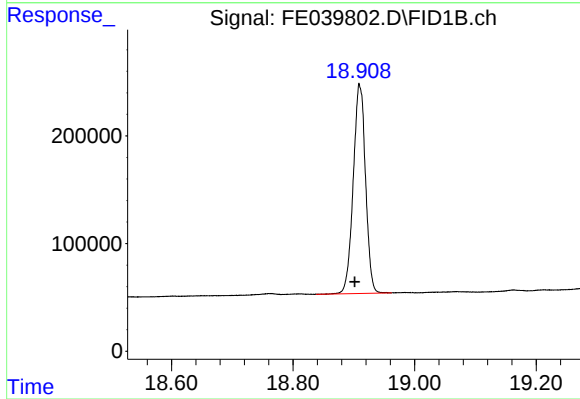
#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: 0.007 min
Response: 2713542
Conc: 20.85 ug/ml



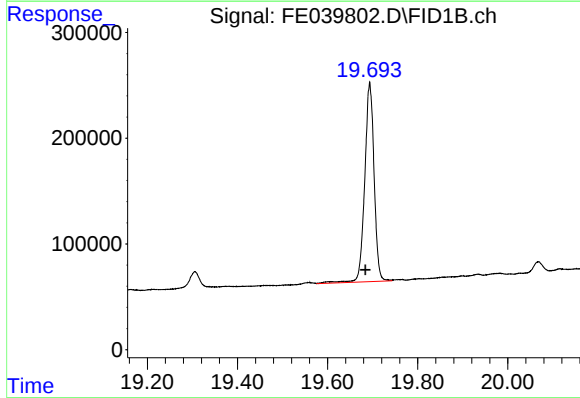
#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: 0.008 min
Response: 2717036
Conc: 21.31 ug/ml



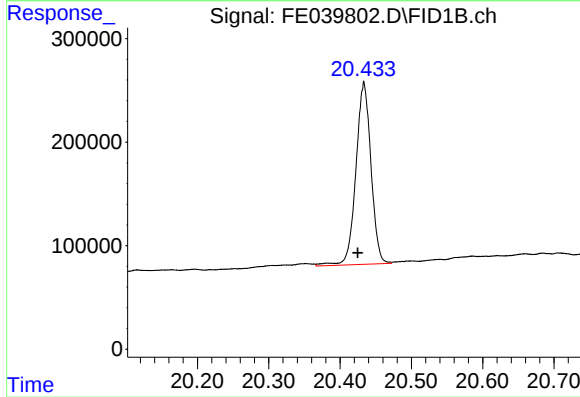
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.008 min
Response: 2724930
Conc: 21.55 ug/ml



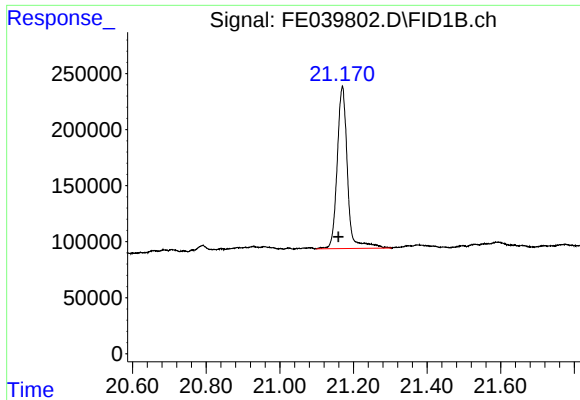
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.010 min
Response: 2717137
Conc: 21.99 ug/ml



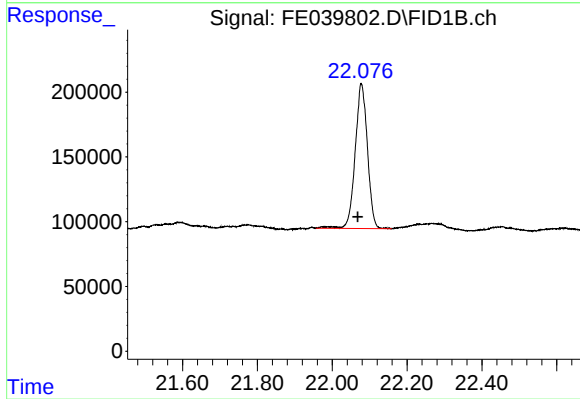
#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: 0.008 min
Response: 2579329
Conc: 21.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.011 min
Response: 2805208
Conc: 23.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: 0.009 min
Response: 2546772
Conc: 20.98 ug/ml