

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042724AL\
 Data File : FE047847.D
 Signal(s) : FID1B.ch
 Acq On : 27 Apr 2024 03:50
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:39:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:17 2024
 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)	11.969	2937882	20.364 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
12) S 1-chlorooctadecane (S...	13.403	2267575	20.293 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
Target Compounds			
1) T n-Nonane (C9)	3.352	2647543	20.543 ug/ml
2) T n-Decane (C10)	4.604	2698893	20.500 ug/ml
3) T A~Naphthalene (C11.7)	6.312	2845918	20.610 ug/ml
4) T n-Dodecane (C12)	6.770	2726358	20.451 ug/ml
5) T A~2-methylnaphthalene...	7.407	2745560	20.632 ug/ml
6) T n-Tetradecane (C14)	8.598	2694798	20.335 ug/ml
7) T n-Hexadecane (C16)	10.206	2805110	20.396 ug/ml
8) T n-Octadecane (C18)	11.648	2835973	20.359 ug/ml
10) T n-Eicosane (C20)	12.957	2731820	20.289 ug/ml
11) T n-Heneicosane (C21)	13.569	2686265	20.293 ug/ml
13) T n-Docosane (C22)	14.155	2673409	20.174 ug/mlm
14) T n-Tetracosane (C24)	15.256	2669667	20.050 ug/ml
15) T n-Hexacosane (C26)	16.277	2654047	19.889 ug/ml
16) T n-Octacosane (C28)	17.226	2638828	19.819 ug/ml
17) T n-Tricontane (C30)	18.113	2716481	19.683 ug/ml
18) T n-Dotriacontane (C32)	18.945	2726006	19.736 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2718463	19.956 ug/ml
20) T n-Hexatriacontane (C36)	20.467	2714824	20.051 ug/ml
21) T n-Octatriacontane (C38)	21.207	2778902	20.127 ug/ml
22) T n-Tetracontane (C40)	22.133	2782758	19.974 ug/ml

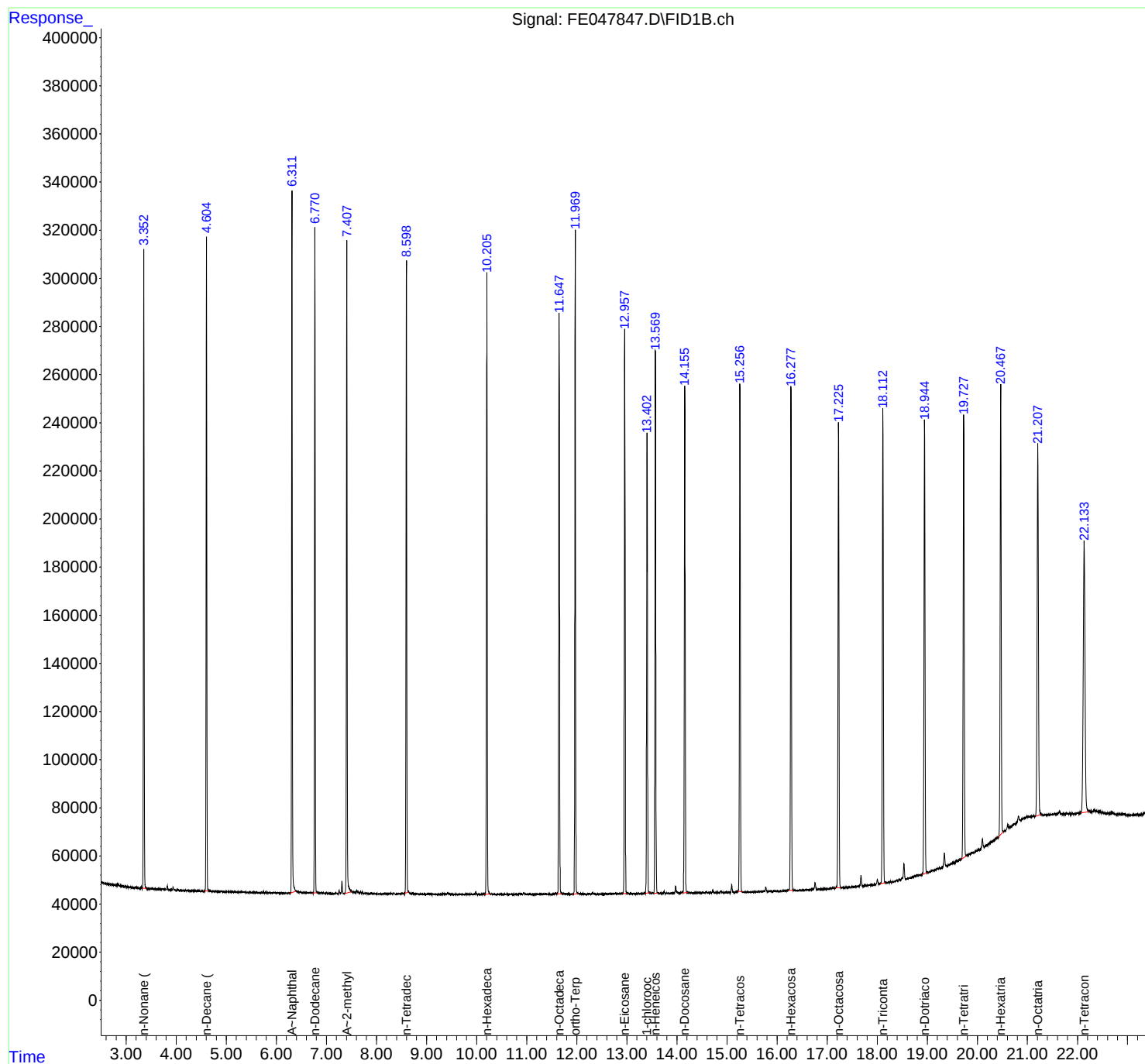
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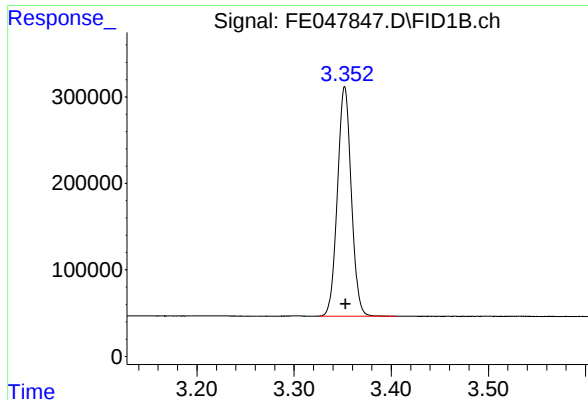
(m)=manual int.

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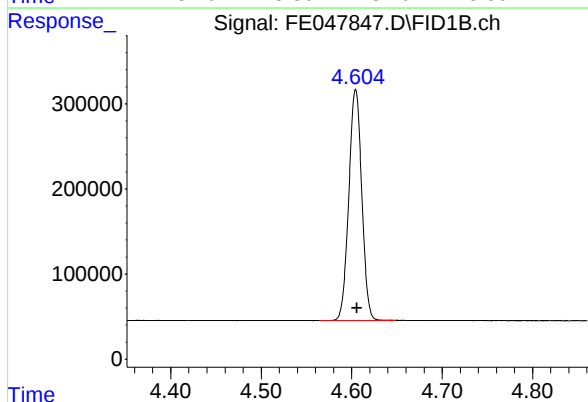
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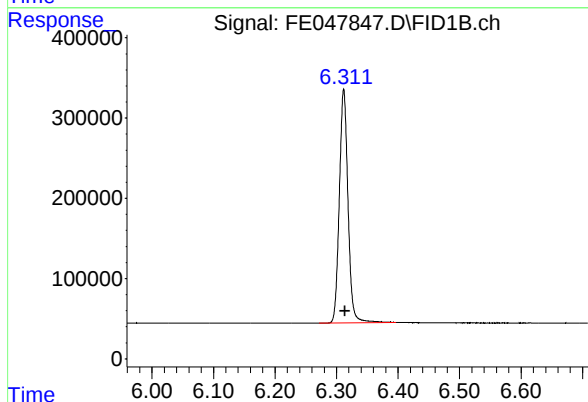
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 2647543
Conc: 20.54 ug/ml



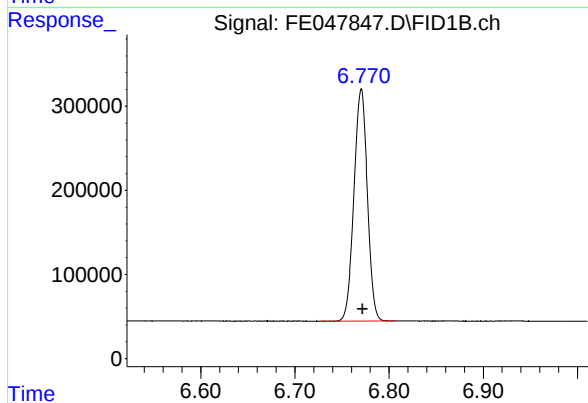
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: -0.001 min
Response: 2698893
Conc: 20.50 ug/ml



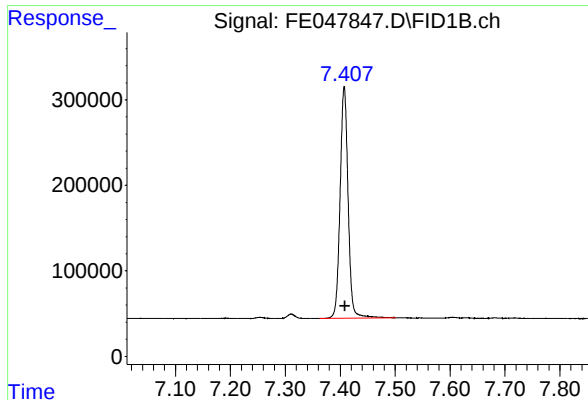
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: -0.002 min
Response: 2845918
Conc: 20.61 ug/ml



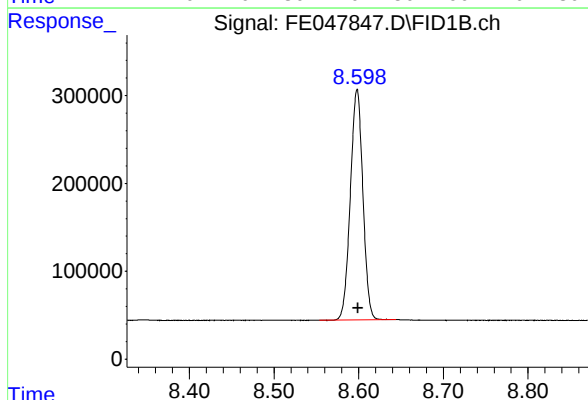
#4 n-Dodecane (C12)

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 2726358
Conc: 20.45 ug/ml



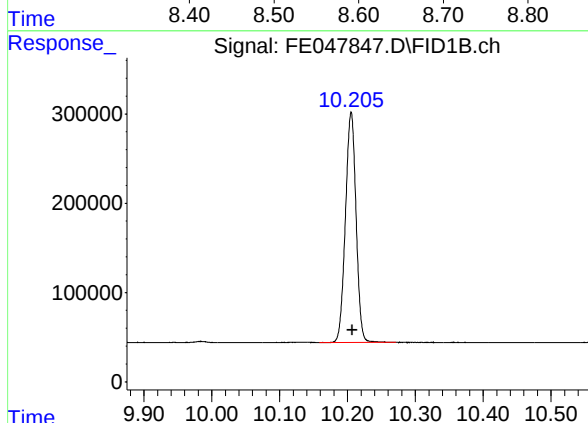
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.407 min
Delta R.T.: -0.002 min
Response: 2745560
Conc: 20.63 ug/ml



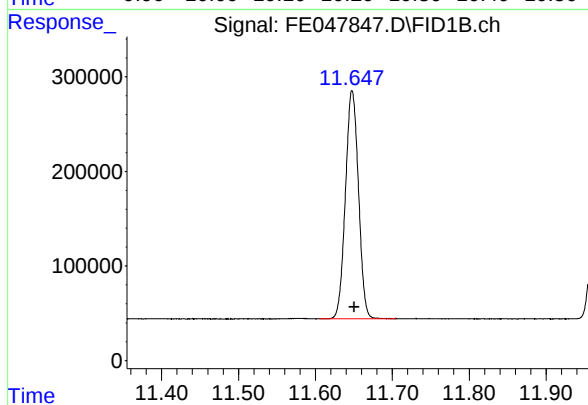
#6 n-Tetradecane (C14)

R.T.: 8.598 min
Delta R.T.: -0.001 min
Response: 2694798
Conc: 20.33 ug/ml



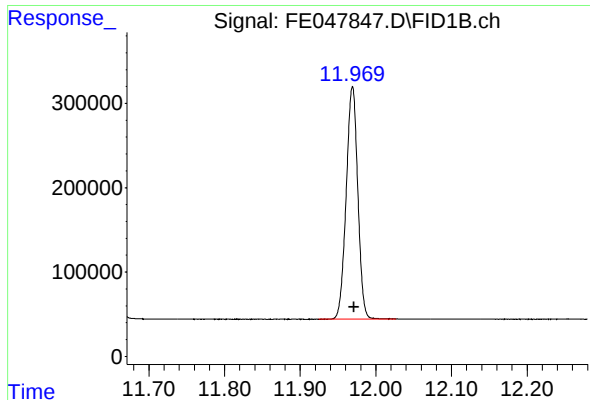
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.001 min
Response: 2805110
Conc: 20.40 ug/ml



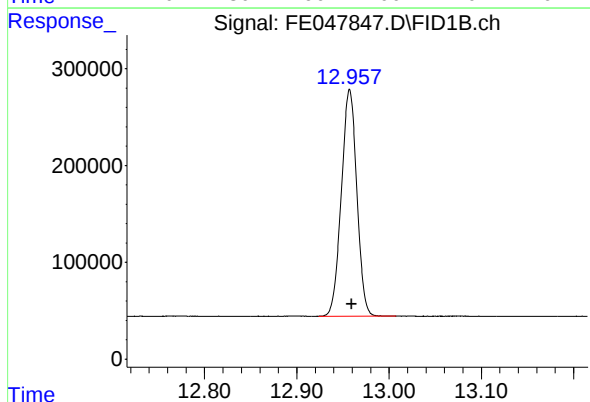
#8 n-Octadecane (C18)

R.T.: 11.648 min
Delta R.T.: -0.003 min
Response: 2835973
Conc: 20.36 ug/ml



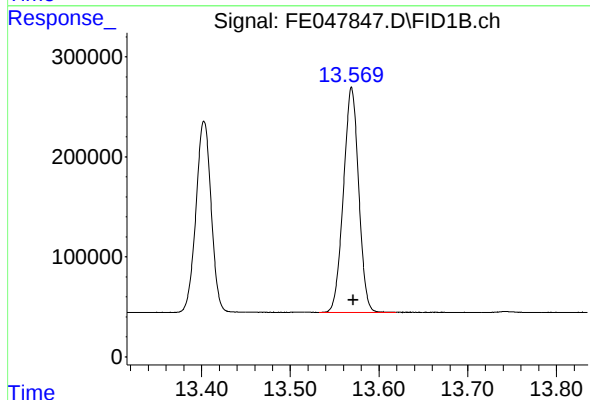
#9 ortho-Terphenyl (SURR)

R.T.: 11.969 min
Delta R.T.: -0.002 min
Response: 2937882
Conc: 20.36 ug/ml



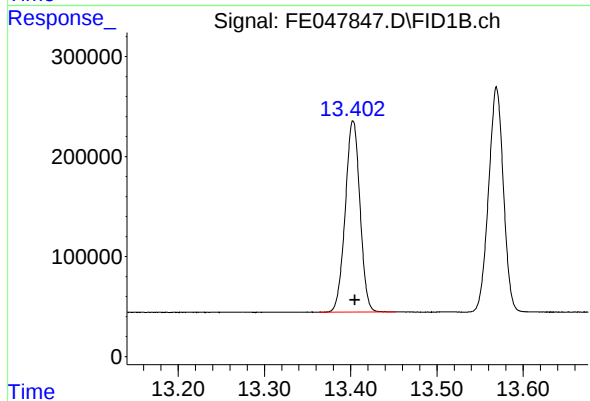
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.002 min
Response: 2731820
Conc: 20.29 ug/ml



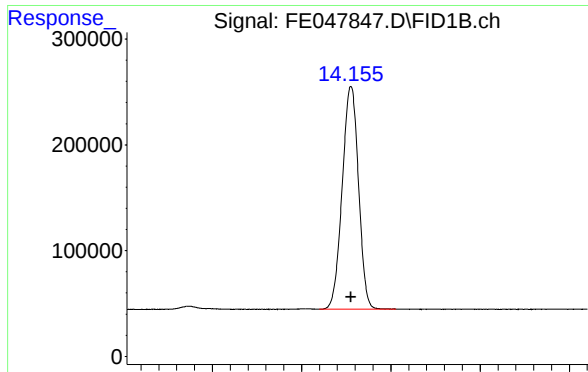
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.002 min
Response: 2686265
Conc: 20.29 ug/ml



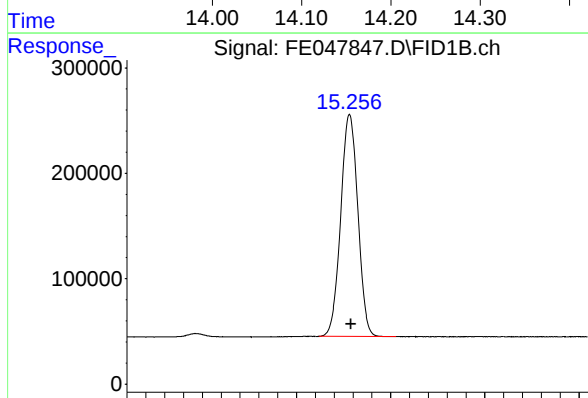
#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
Delta R.T.: -0.002 min
Response: 2267575
Conc: 20.29 ug/ml



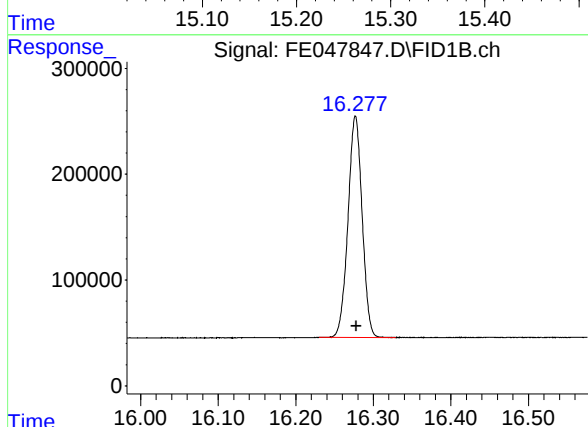
#13 n-Docosane (C22)

R.T.: 14.155 min
Delta R.T.: 0.000 min
Response: 2673409
Conc: 20.17 ug/ml m



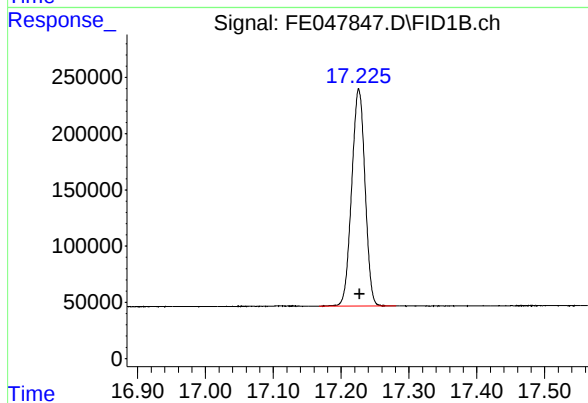
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.002 min
Response: 2669667
Conc: 20.05 ug/ml



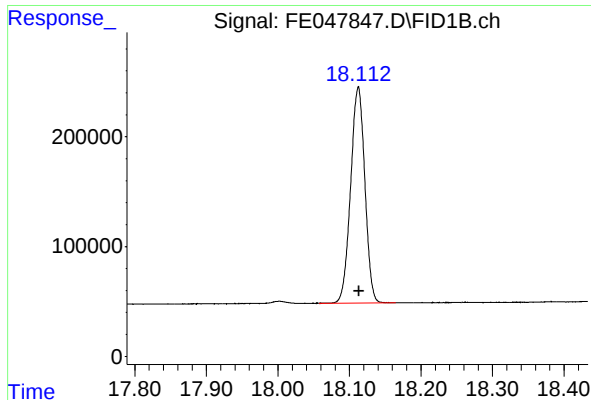
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: 0.000 min
Response: 2654047
Conc: 19.89 ug/ml



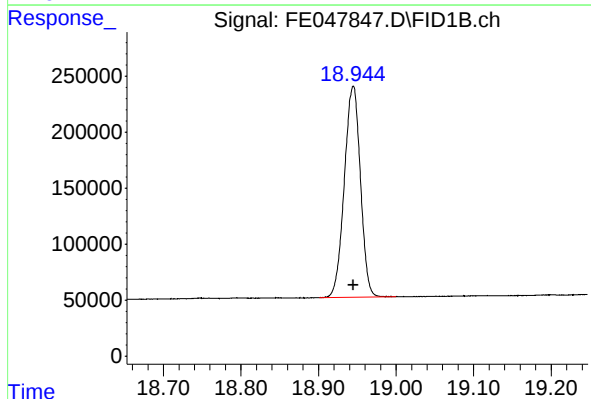
#16 n-Octacosane (C28)

R.T.: 17.226 min
Delta R.T.: -0.001 min
Response: 2638828
Conc: 19.82 ug/ml



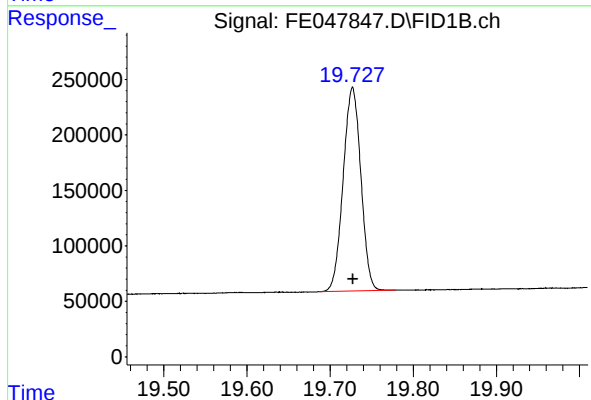
#17 n-Tricontane (C30)

R.T.: 18.113 min
Delta R.T.: 0.000 min
Response: 2716481
Conc: 19.68 ug/ml



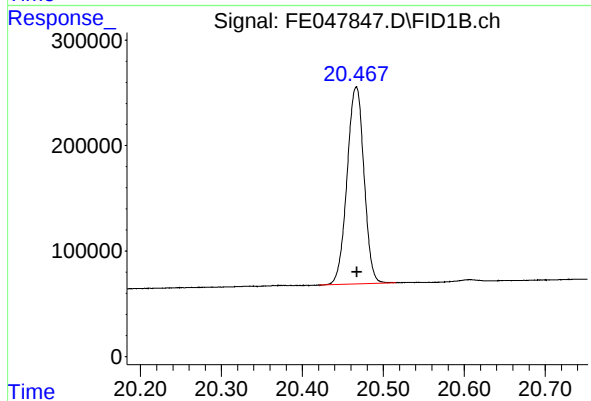
#18 n-Dotriacontane (C32)

R.T.: 18.945 min
Delta R.T.: 0.000 min
Response: 2726006
Conc: 19.74 ug/ml



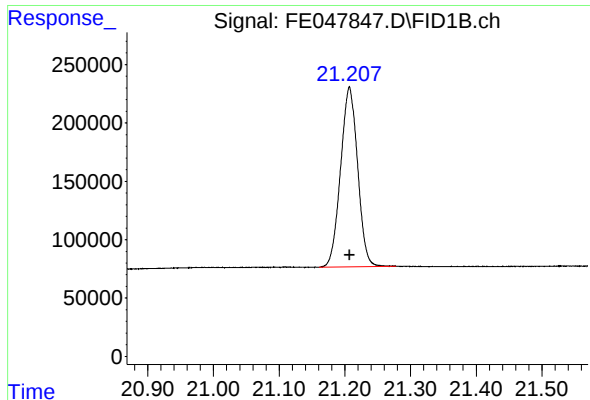
#19 n-Tetatriacontane (C34)

R.T.: 19.727 min
Delta R.T.: 0.000 min
Response: 2718463
Conc: 19.96 ug/ml



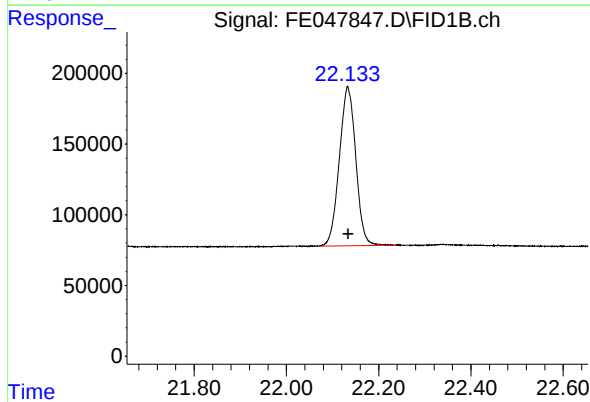
#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: 0.000 min
Response: 2714824
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.000 min
Response: 2778902
Conc: 20.13 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.001 min
Response: 2782758
Conc: 19.97 ug/ml