

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091925AL\
 Data File : FE055911.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2025 21:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 22:19:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:12:09 2025
 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)	12.074	3133652	19.075 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	13.511	2385281	19.075 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
Target Compounds			
1) T n-Nonane (C9)	3.413	2325223	18.323 ug/ml
2) T n-Decane (C10)	4.670	2472506	19.302 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2780820	19.140 ug/ml
4) T n-Dodecane (C12)	6.845	2516867	19.329 ug/ml
5) T A~2-methylnaphthalene...	7.491	2704785	19.231 ug/ml
6) T n-Tetradecane (C14)	8.682	2567181	19.494 ug/ml
7) T n-Hexadecane (C16)	10.297	2748020	19.842 ug/ml
8) T n-Octadecane (C18)	11.747	2917637	20.003 ug/ml
10) T n-Eicosane (C20)	13.063	2855547	19.838 ug/ml
11) T n-Heneicosane (C21)	13.677	2760122	19.323 ug/ml
13) T n-Docosane (C22)	14.265	2753010	19.232 ug/ml
14) T n-Tetracosane (C24)	15.371	2716237	18.772 ug/mlm
15) T n-Hexacosane (C26)	16.396	2598393	18.188 ug/ml
16) T n-Octacosane (C28)	17.348	2603649	18.305 ug/ml
17) T n-Tricontane (C30)	18.238	2867675	19.400 ug/ml
18) T n-Dotriacontane (C32)	19.071	3001823	20.452 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2786169	19.720 ug/ml
20) T n-Hexatriacontane (C36)	20.599	2475268	18.758 ug/ml
21) T n-Octatriacontane (C38)	21.374	2173027	16.685 ug/mlm
22) T n-Tetracontane (C40)	22.360	2035814	15.875 ug/ml

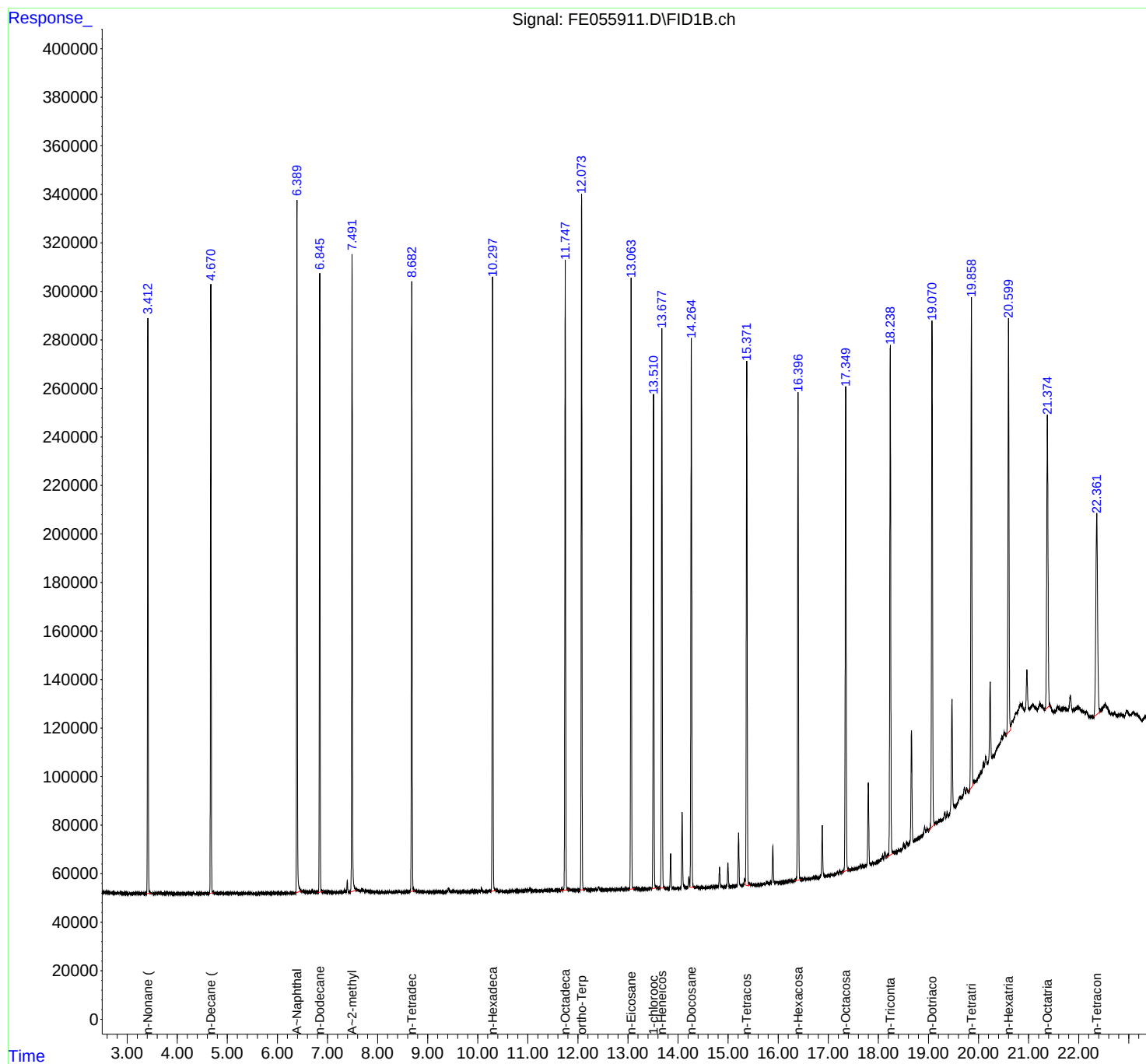
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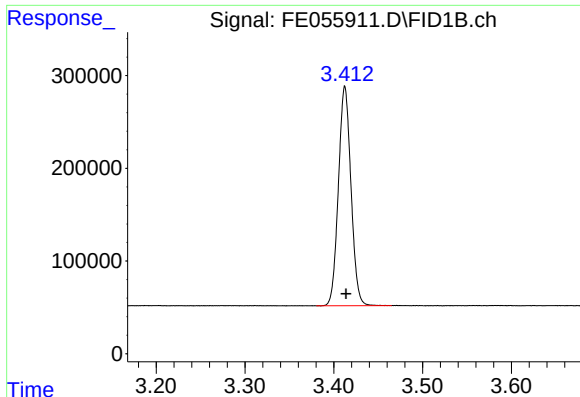
(m)=manual int.

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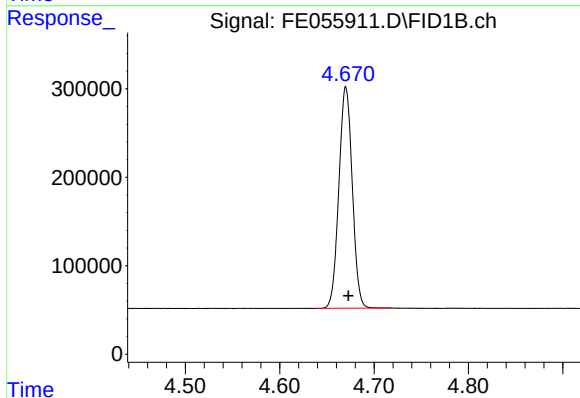
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





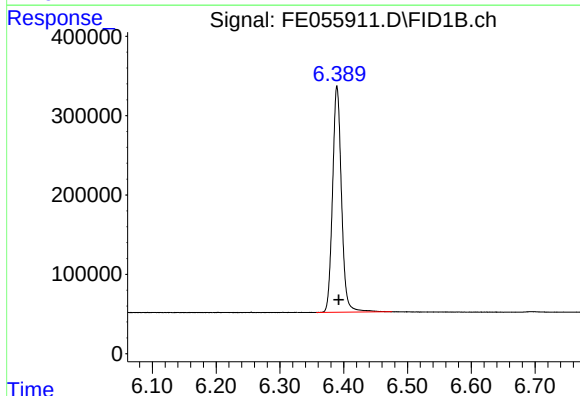
#1 n-Nonane (C9)

R.T.: 3.413 min
Delta R.T.: -0.001 min
Response: 2325223
Conc: 18.32 ug/ml



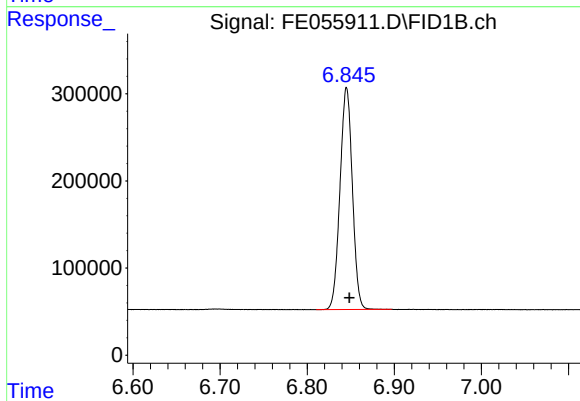
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 2472506
Conc: 19.30 ug/ml



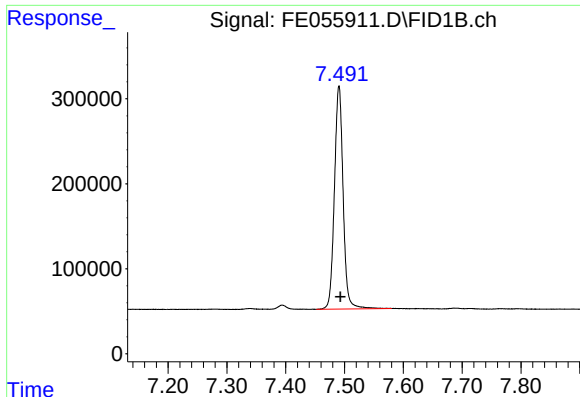
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: -0.003 min
Response: 2780820
Conc: 19.14 ug/ml



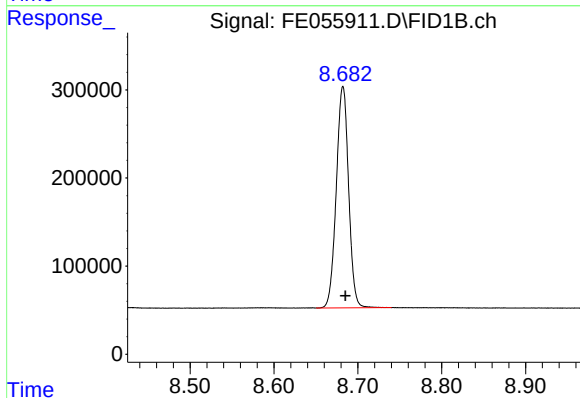
#4 n-Dodecane (C12)

R.T.: 6.845 min
Delta R.T.: -0.003 min
Response: 2516867
Conc: 19.33 ug/ml



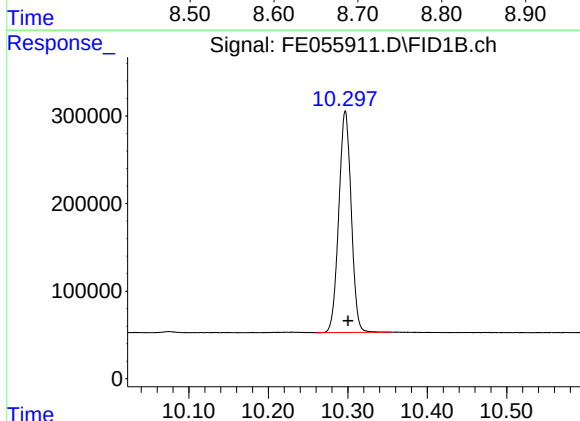
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 2704785
Conc: 19.23 ug/ml



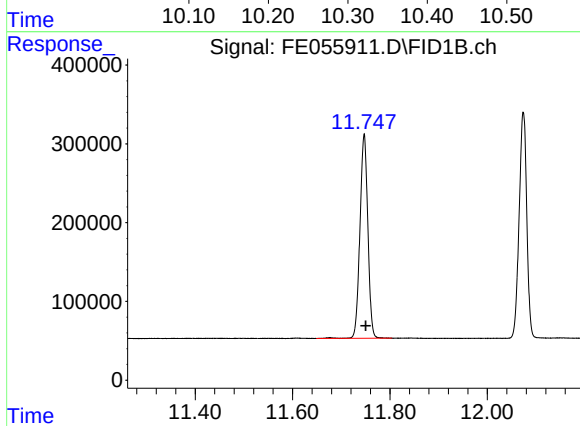
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: -0.003 min
Response: 2567181
Conc: 19.49 ug/ml



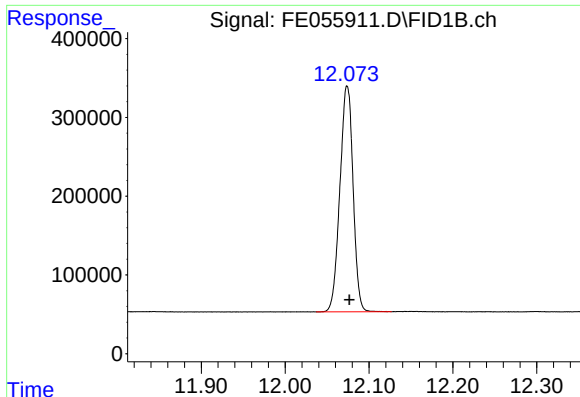
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: -0.003 min
Response: 2748020
Conc: 19.84 ug/ml



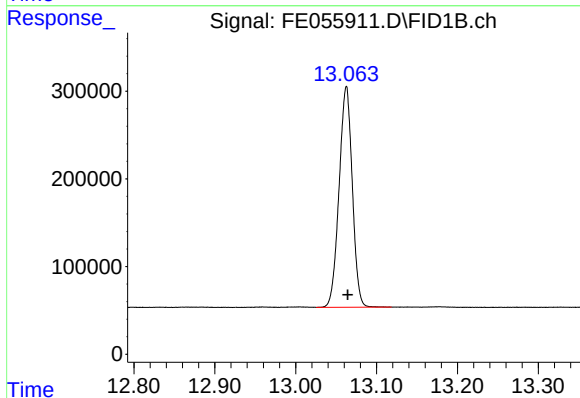
#8 n-Octadecane (C18)

R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 2917637
Conc: 20.00 ug/ml



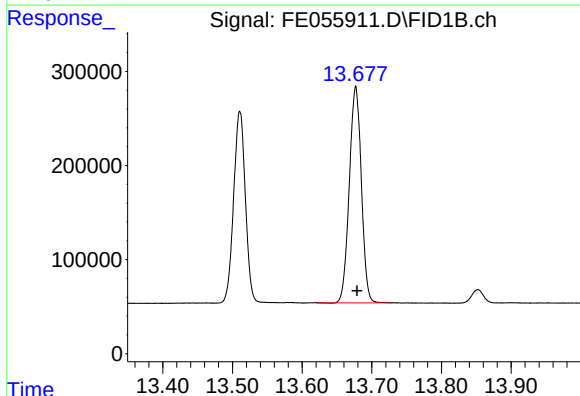
#9 ortho-Terphenyl (SURR)

R.T.: 12.074 min
Delta R.T.: -0.003 min
Response: 3133652
Conc: 19.07 ug/ml



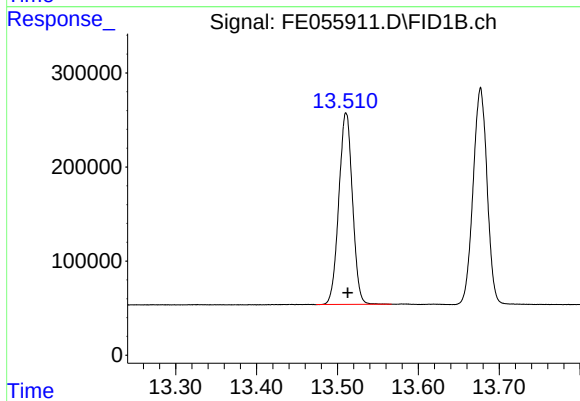
#10 n-Eicosane (C20)

R.T.: 13.063 min
Delta R.T.: -0.002 min
Response: 2855547
Conc: 19.84 ug/ml



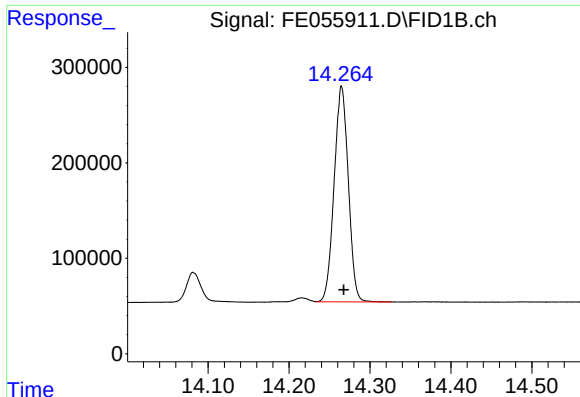
#11 n-Heneicosane (C21)

R.T.: 13.677 min
Delta R.T.: -0.002 min
Response: 2760122
Conc: 19.32 ug/ml



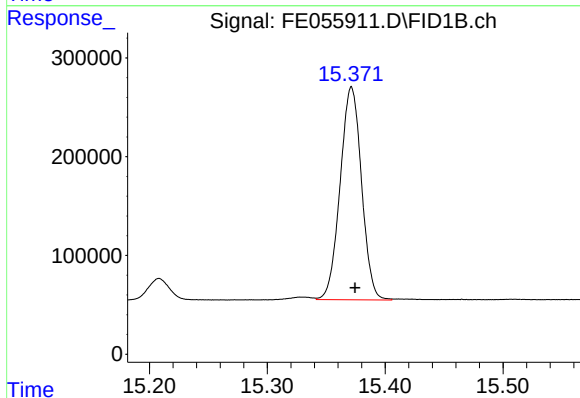
#12 1-chlorooctadecane (SURR)

R.T.: 13.511 min
Delta R.T.: -0.002 min
Response: 2385281
Conc: 19.08 ug/ml



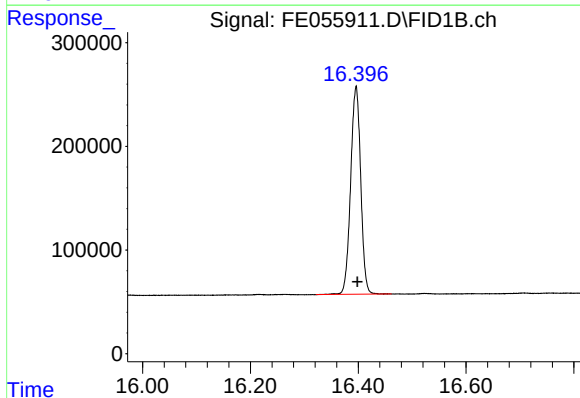
#13 n-Docosane (C22)

R.T.: 14.265 min
Delta R.T.: -0.002 min
Response: 2753010
Conc: 19.23 ug/ml



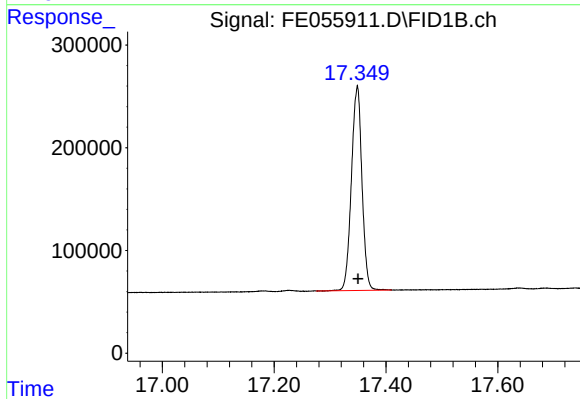
#14 n-Tetracosane (C24)

R.T.: 15.371 min
Delta R.T.: -0.004 min
Response: 2716237
Conc: 18.77 ug/ml m



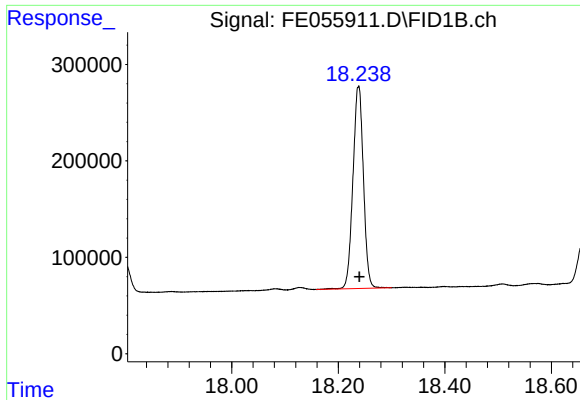
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: -0.002 min
Response: 2598393
Conc: 18.19 ug/ml



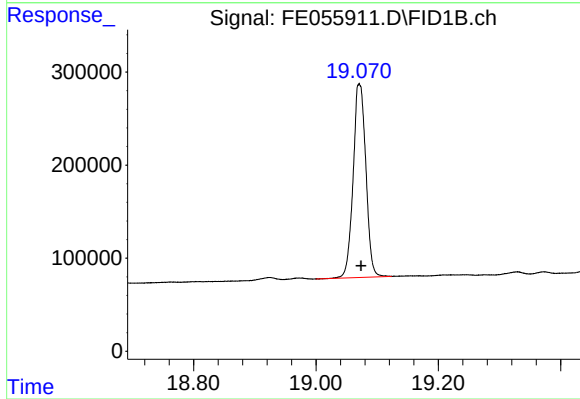
#16 n-Octacosane (C28)

R.T.: 17.348 min
Delta R.T.: -0.002 min
Response: 2603649
Conc: 18.30 ug/ml



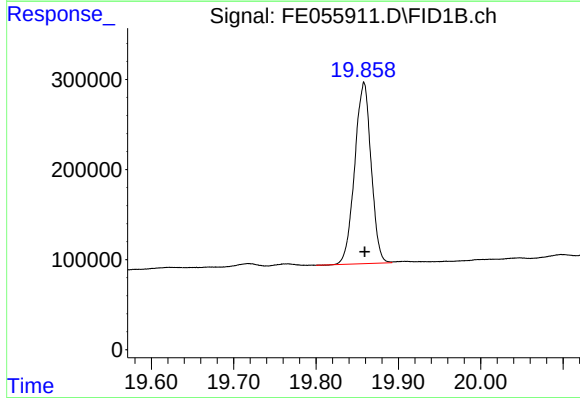
#17 n-Tricontane (C30)

R.T.: 18.238 min
Delta R.T.: -0.002 min
Response: 2867675
Conc: 19.40 ug/ml



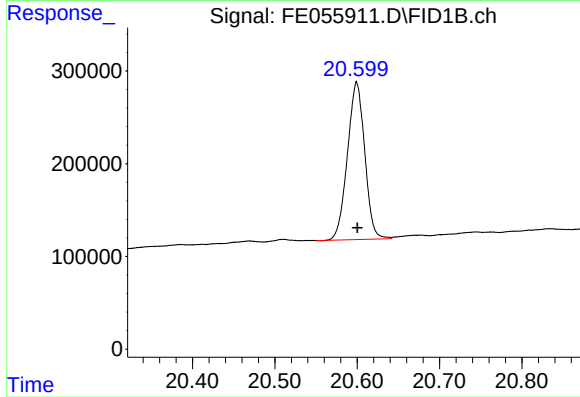
#18 n-Dotriacontane (C32)

R.T.: 19.071 min
Delta R.T.: -0.002 min
Response: 3001823
Conc: 20.45 ug/ml



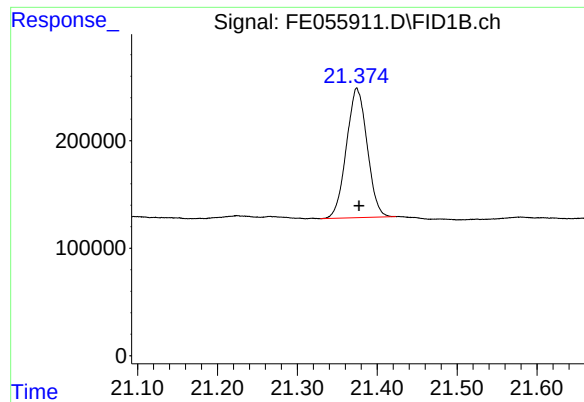
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: -0.001 min
Response: 2786169
Conc: 19.72 ug/ml



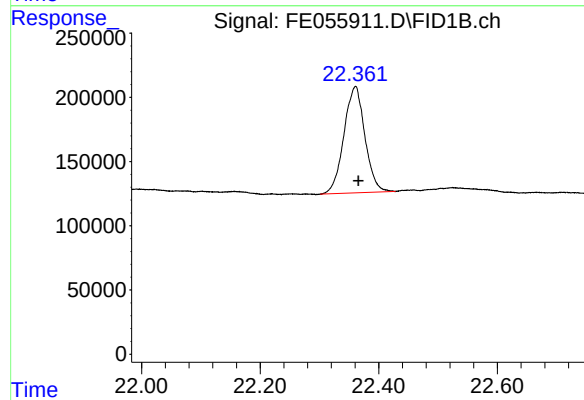
#20 n-Hexatriacontane (C36)

R.T.: 20.599 min
Delta R.T.: -0.001 min
Response: 2475268
Conc: 18.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: -0.003 min
Response: 2173027
Conc: 16.68 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.360 min
Delta R.T.: -0.006 min
Response: 2035814
Conc: 15.87 ug/ml