

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091525AL\
 Data File : FE055844.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2025 23:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 16 01:31:11 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)	12.068	3036664	18.484 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
12) S 1-chlorooctadecane (S...	13.505	2262114	18.090 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.410	2202148	17.353 ug/ml
2) T n-Decane (C10)	4.667	2384786	18.617 ug/ml
3) T A~Naphthalene (C11.7)	6.385	2684722	18.479 ug/ml
4) T n-Dodecane (C12)	6.842	2489109	19.116 ug/ml
5) T A~2-methylnaphthalene...	7.486	2627627	18.682 ug/ml
6) T n-Tetradecane (C14)	8.679	2552264	19.380 ug/ml
7) T n-Hexadecane (C16)	10.293	2710077	19.568 ug/ml
8) T n-Octadecane (C18)	11.743	2826337	19.377 ug/ml
10) T n-Eicosane (C20)	13.057	2712997	18.847 ug/ml
11) T n-Heneicosane (C21)	13.671	2630043	18.412 ug/ml
13) T n-Docosane (C22)	14.260	2595608	18.133 ug/ml
14) T n-Tetracosane (C24)	15.366	2606507	18.013 ug/ml
15) T n-Hexacosane (C26)	16.390	2519352	17.635 ug/ml
16) T n-Octacosane (C28)	17.342	2613701	18.376 ug/ml
17) T n-Tricontane (C30)	18.231	2974617	20.123 ug/ml
18) T n-Dotriacontane (C32)	19.066	3240009	22.075 ug/ml
19) T n-Tetratriacontane (C34)	19.851	3056190	21.631 ug/ml
20) T n-Hexatriacontane (C36)	20.592	2662066	20.174 ug/ml
21) T n-Octatriacontane (C38)	21.364	2397616	18.409 ug/mlm
22) T n-Tetracontane (C40)	22.346	2190178	17.079 ug/mlm

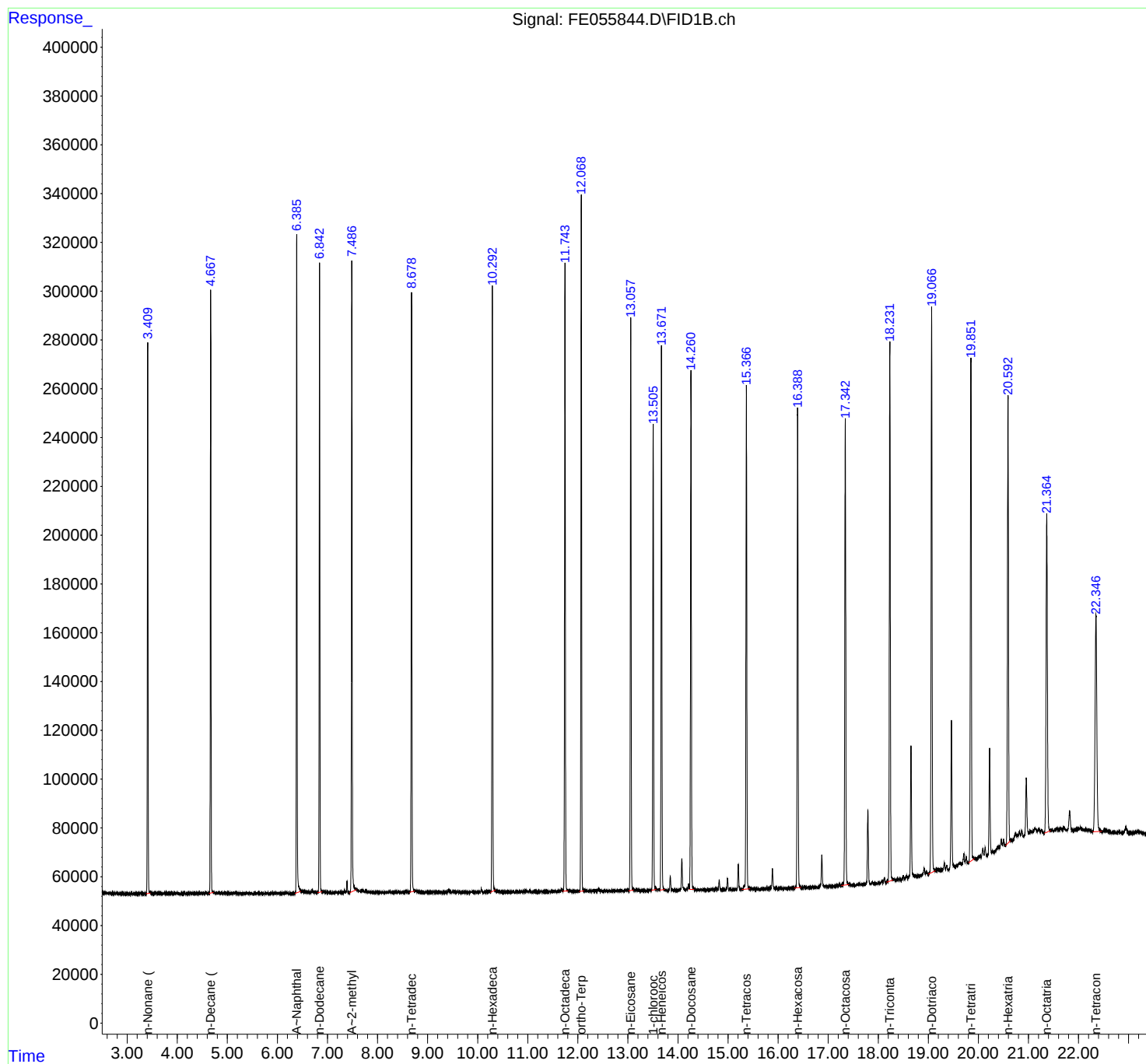
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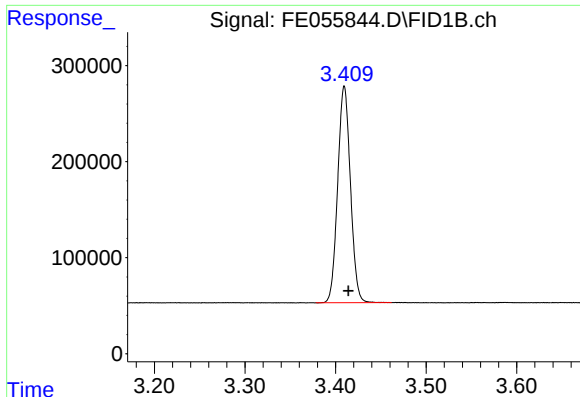
(m)=manual int.

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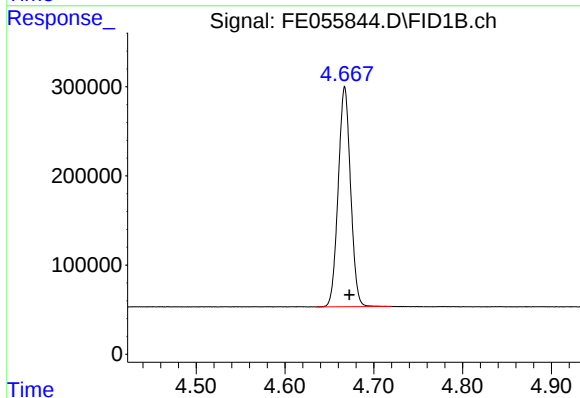
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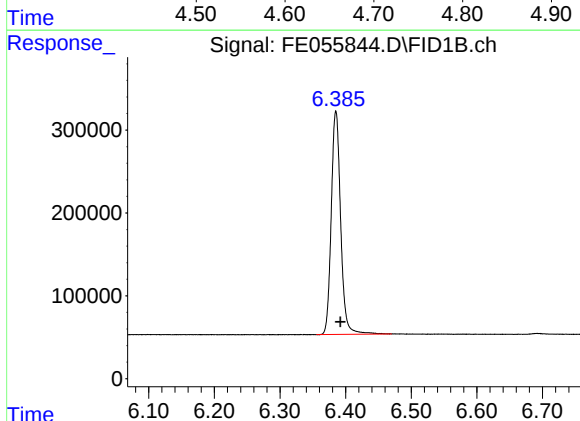
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: -0.004 min
Response: 2202148
Conc: 17.35 ug/ml



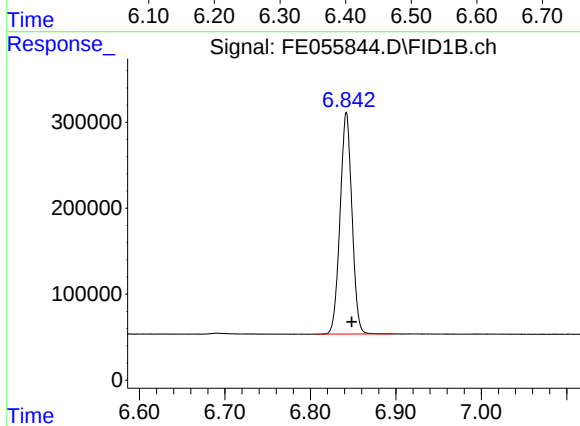
#2 n-Decane (C10)

R.T.: 4.667 min
Delta R.T.: -0.005 min
Response: 2384786
Conc: 18.62 ug/ml



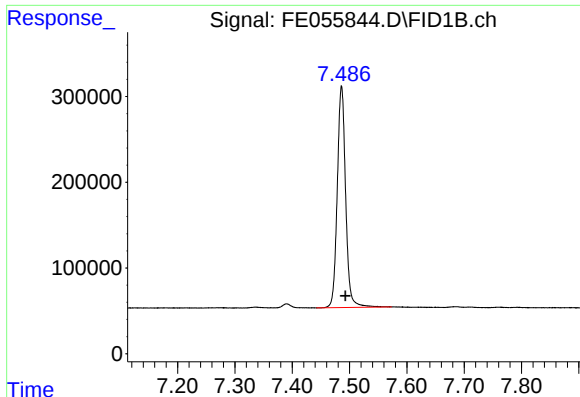
#3 A~Naphthalene (C11.7)

R.T.: 6.385 min
Delta R.T.: -0.007 min
Response: 2684722
Conc: 18.48 ug/ml



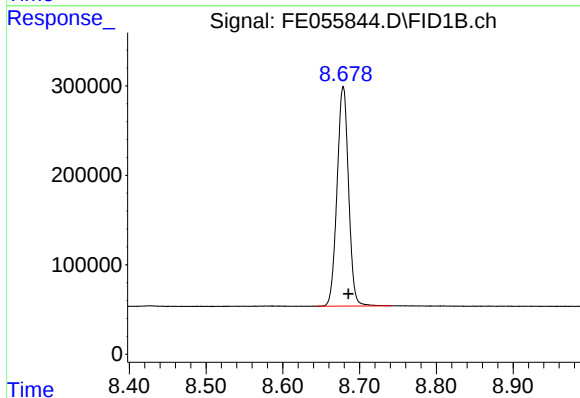
#4 n-Dodecane (C12)

R.T.: 6.842 min
Delta R.T.: -0.006 min
Response: 2489109
Conc: 19.12 ug/ml



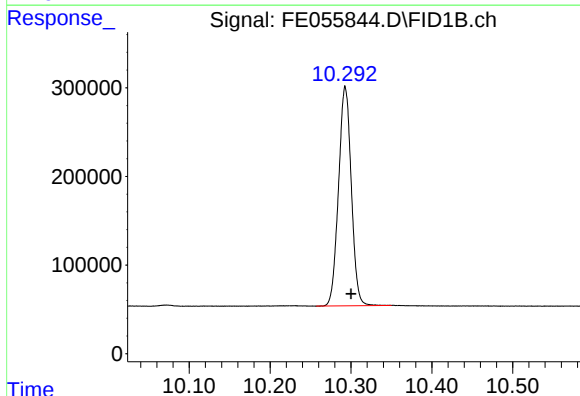
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.486 min
Delta R.T.: -0.007 min
Response: 2627627
Conc: 18.68 ug/ml



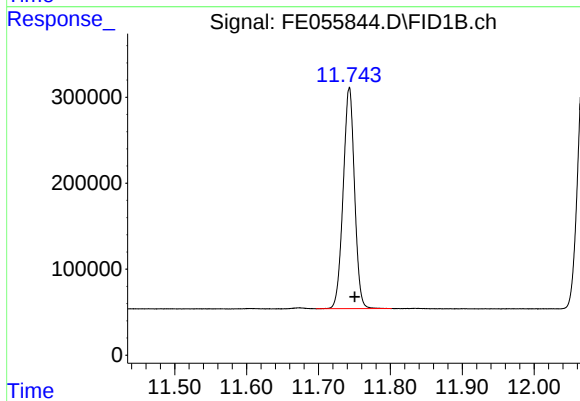
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: -0.007 min
Response: 2552264
Conc: 19.38 ug/ml



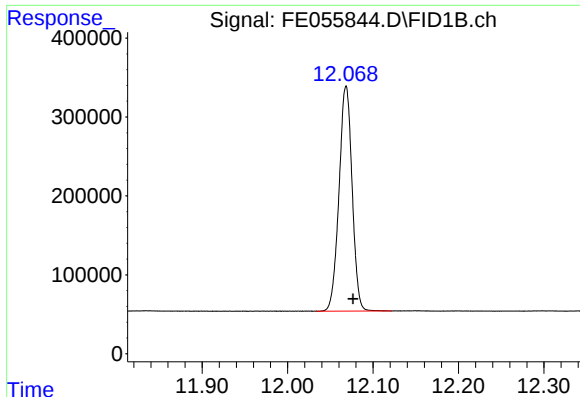
#7 n-Hexadecane (C16)

R.T.: 10.293 min
Delta R.T.: -0.007 min
Response: 2710077
Conc: 19.57 ug/ml



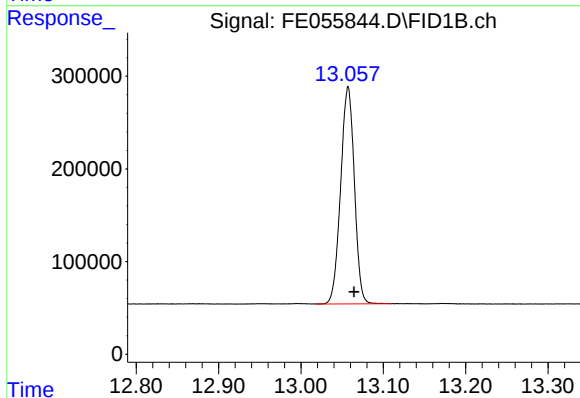
#8 n-Octadecane (C18)

R.T.: 11.743 min
Delta R.T.: -0.007 min
Response: 2826337
Conc: 19.38 ug/ml



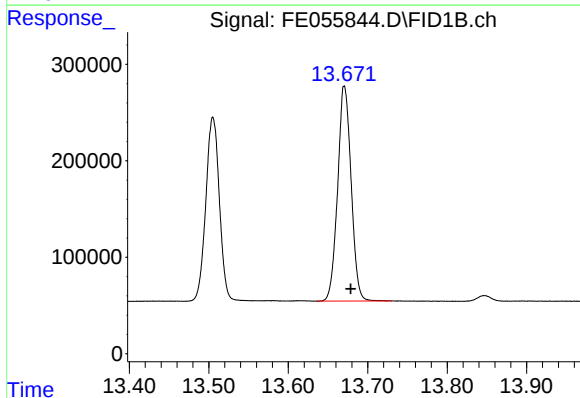
#9 ortho-Terphenyl (SURR)

R.T.: 12.068 min
Delta R.T.: -0.008 min
Response: 3036664
Conc: 18.48 ug/ml



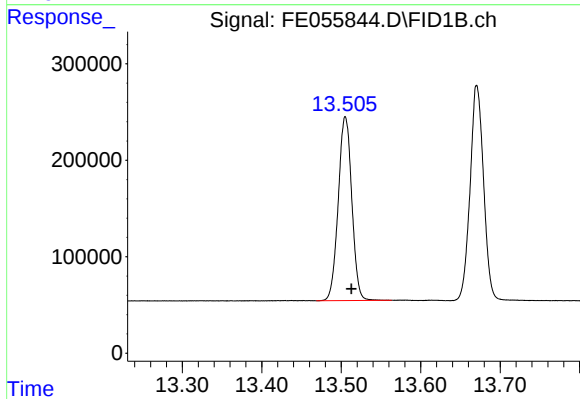
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: -0.007 min
Response: 2712997
Conc: 18.85 ug/ml



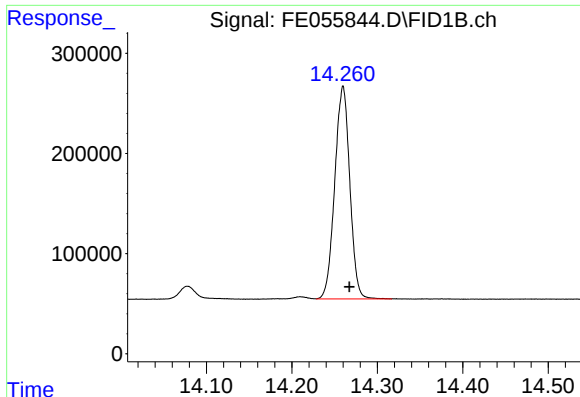
#11 n-Heneicosane (C21)

R.T.: 13.671 min
Delta R.T.: -0.008 min
Response: 2630043
Conc: 18.41 ug/ml



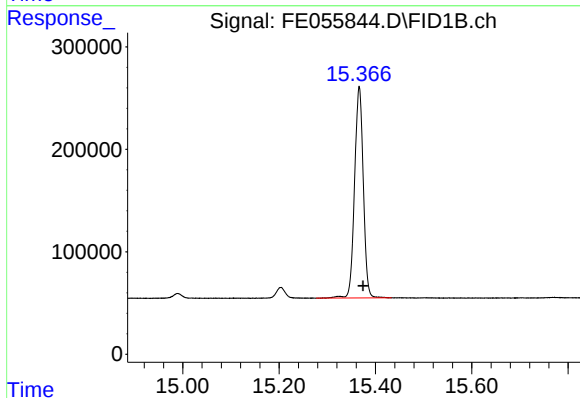
#12 1-chlorooctadecane (SURR)

R.T.: 13.505 min
Delta R.T.: -0.008 min
Response: 2262114
Conc: 18.09 ug/ml



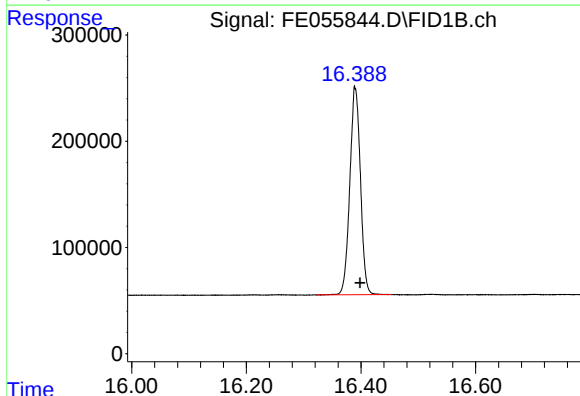
#13 n-Docosane (C22)

R.T.: 14.260 min
Delta R.T.: -0.008 min
Response: 2595608
Conc: 18.13 ug/ml



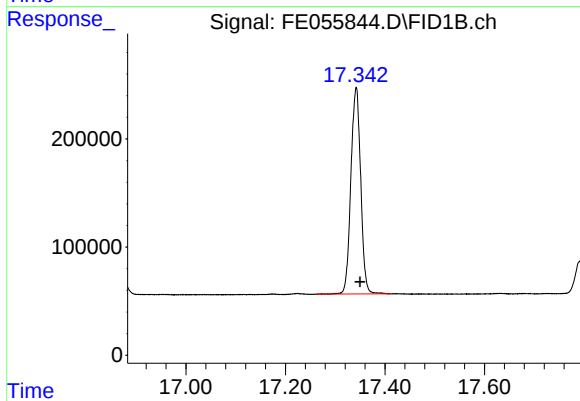
#14 n-Tetracosane (C24)

R.T.: 15.366 min
Delta R.T.: -0.008 min
Response: 2606507
Conc: 18.01 ug/ml



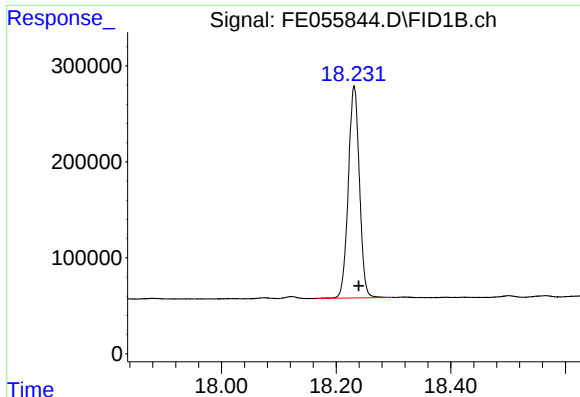
#15 n-Hexacosane (C26)

R.T.: 16.390 min
Delta R.T.: -0.008 min
Response: 2519352
Conc: 17.63 ug/ml



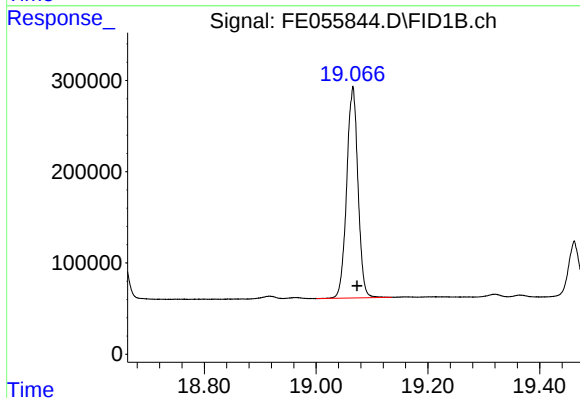
#16 n-Octacosane (C28)

R.T.: 17.342 min
Delta R.T.: -0.008 min
Response: 2613701
Conc: 18.38 ug/ml



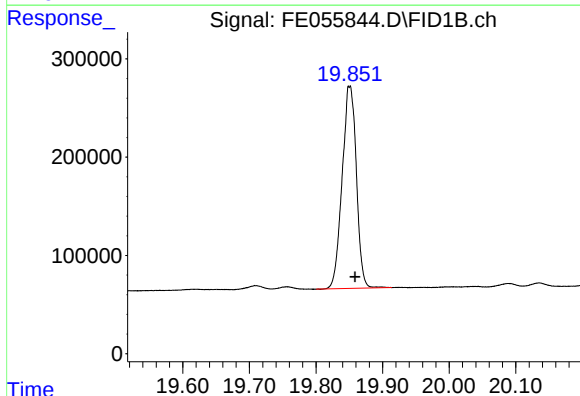
#17 n-Tricontane (C30)

R.T.: 18.231 min
Delta R.T.: -0.008 min
Response: 2974617
Conc: 20.12 ug/ml



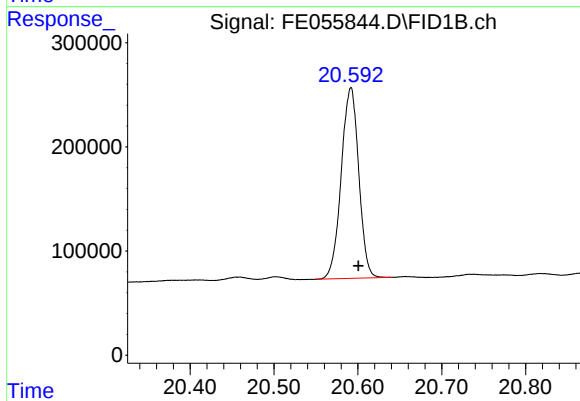
#18 n-Dotriacontane (C32)

R.T.: 19.066 min
Delta R.T.: -0.008 min
Response: 3240009
Conc: 22.07 ug/ml



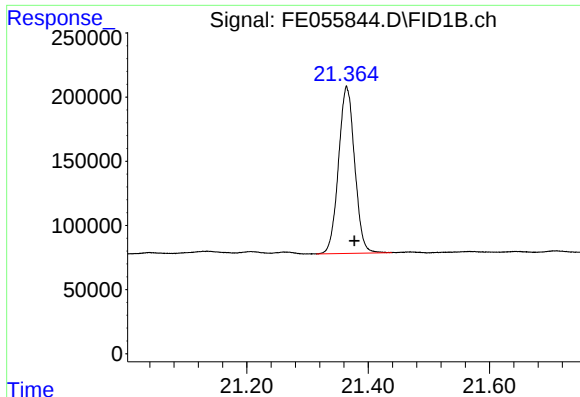
#19 n-Tetratriacontane (C34)

R.T.: 19.851 min
Delta R.T.: -0.008 min
Response: 3056190
Conc: 21.63 ug/ml



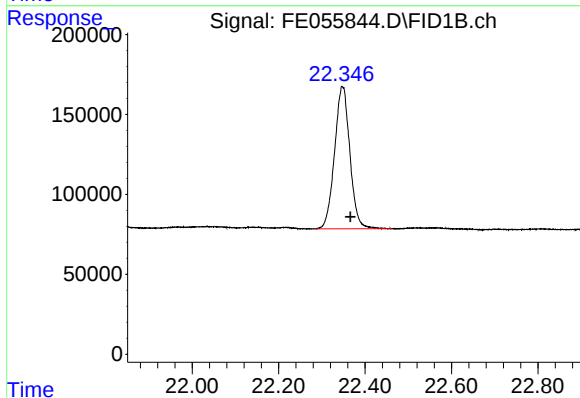
#20 n-Hexatriacontane (C36)

R.T.: 20.592 min
Delta R.T.: -0.009 min
Response: 2662066
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.364 min
Delta R.T.: -0.013 min
Response: 2397616
Conc: 18.41 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.346 min
Delta R.T.: -0.020 min
Response: 2190178
Conc: 17.08 ug/ml m