

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092325AL\
 Data File : FE055959.D
 Signal(s) : FID1B.ch
 Acq On : 23 Sep 2025 11:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 23 14:39:56 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)	12.070	3550600	21.613 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
12) S 1-chlorooctadecane (S...	13.507	2673238	21.378 ug/ml
Spiked Amount 50.000		Recovery =	42.76%
Target Compounds			
1) T n-Nonane (C9)	3.410	2488306	19.608 ug/ml
2) T n-Decane (C10)	4.667	2570748	20.069 ug/ml
3) T A~Naphthalene (C11.7)	6.387	2982625	20.529 ug/ml
4) T n-Dodecane (C12)	6.843	2652719	20.372 ug/ml
5) T A~2-methylnaphthalene...	7.487	2932915	20.853 ug/ml
6) T n-Tetradecane (C14)	8.679	2749088	20.875 ug/ml
7) T n-Hexadecane (C16)	10.294	2988390	21.577 ug/ml
8) T n-Octadecane (C18)	11.744	3202051	21.953 ug/ml
10) T n-Eicosane (C20)	13.059	3160422	21.956 ug/ml
11) T n-Heneicosane (C21)	13.672	3082637	21.580 ug/ml
13) T n-Docosane (C22)	14.261	3063215	21.399 ug/ml
14) T n-Tetracosane (C24)	15.368	3025362	20.908 ug/ml
15) T n-Hexacosane (C26)	16.392	2807448	19.651 ug/ml
16) T n-Octacosane (C28)	17.345	2772738	19.494 ug/ml
17) T n-Tricontane (C30)	18.236	2966064	20.065 ug/ml
18) T n-Dotriacontane (C32)	19.070	3082473	21.001 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2869753	20.312 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2530896	19.180 ug/ml
21) T n-Octatriacontane (C38)	21.373	2481002	19.049 ug/ml
22) T n-Tetracontane (C40)	22.360	2217108	17.289 ug/ml

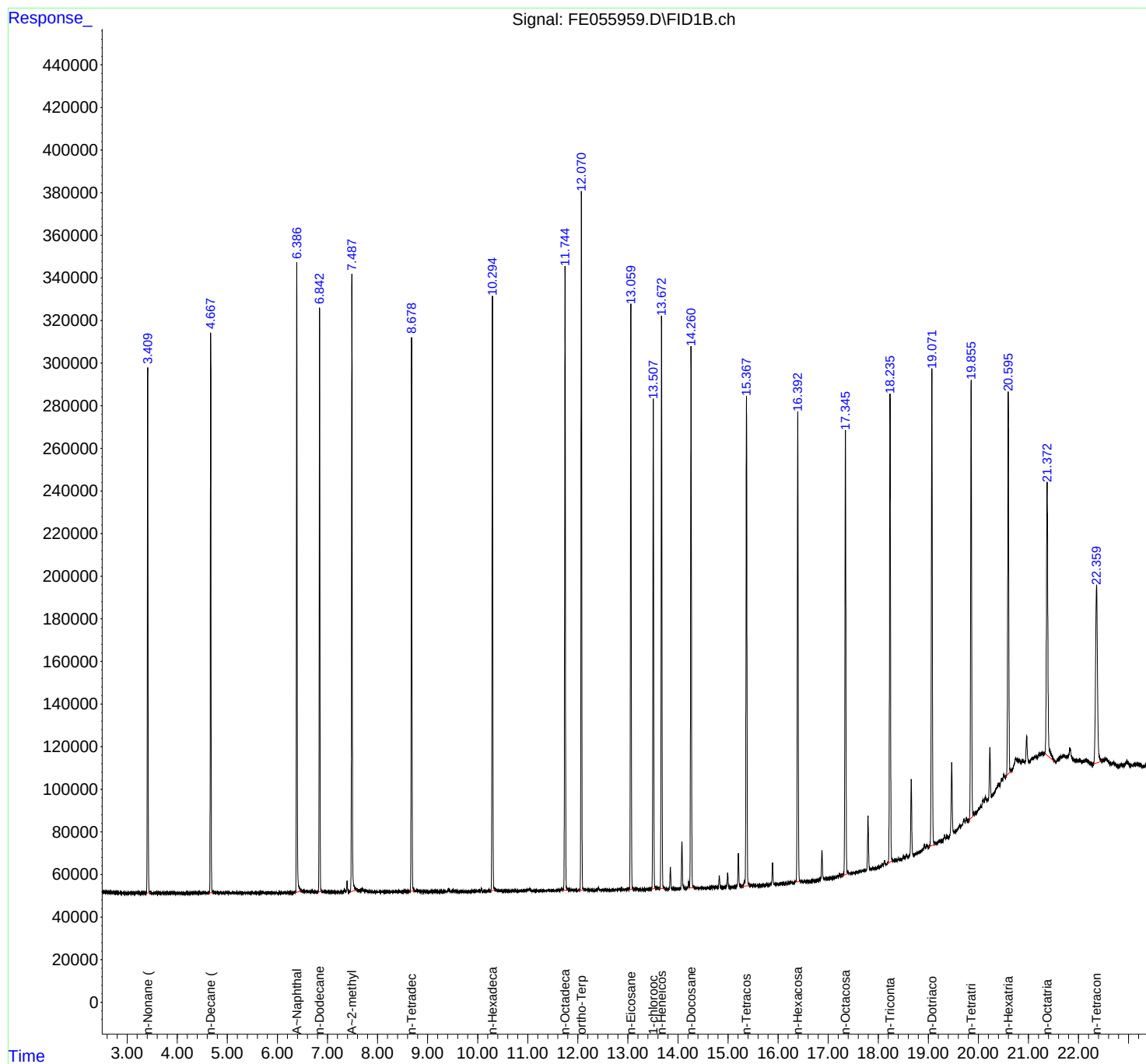
(f)=RT Delta > 1/2 Window

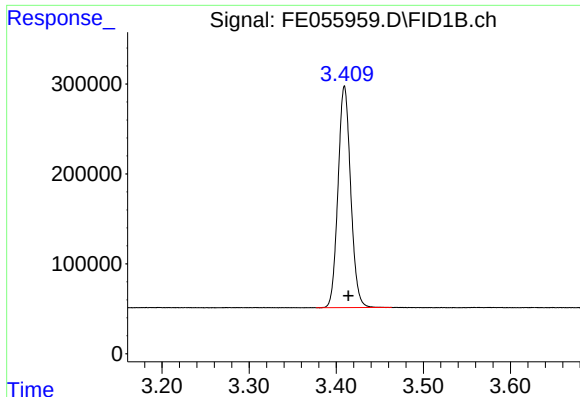
(m)=manual int.

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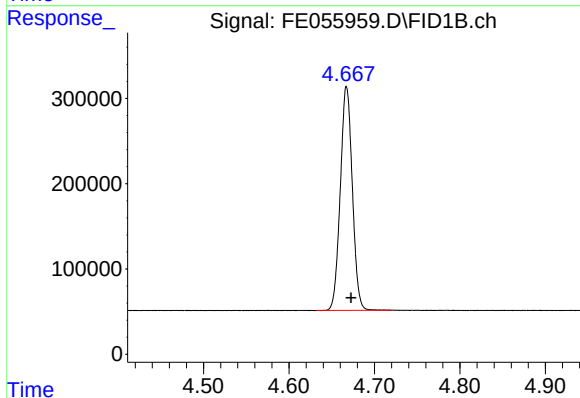
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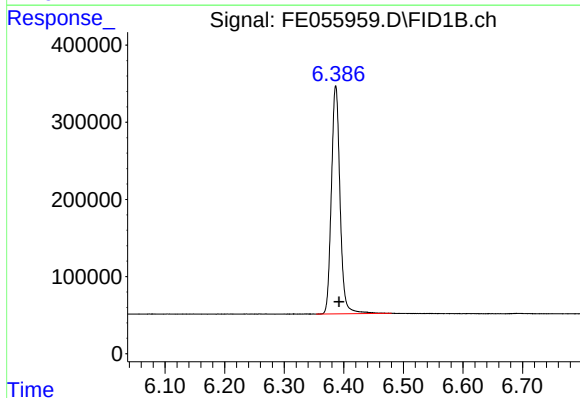
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: -0.004 min
Response: 2488306
Conc: 19.61 ug/ml



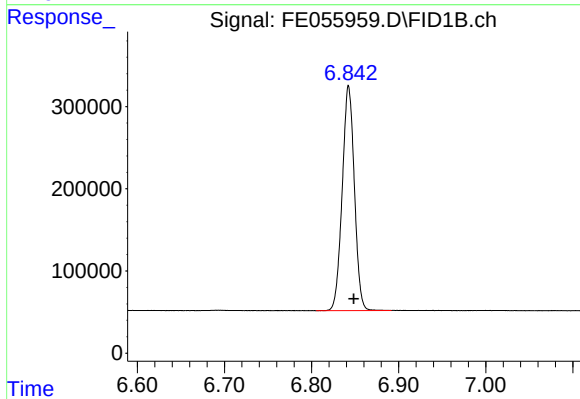
#2 n-Decane (C10)

R.T.: 4.667 min
Delta R.T.: -0.005 min
Response: 2570748
Conc: 20.07 ug/ml



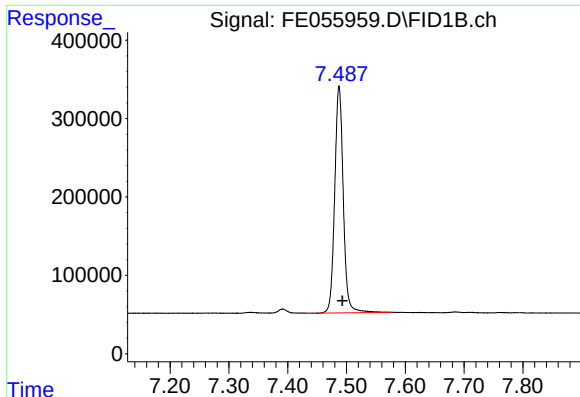
#3 A~Naphthalene (C11.7)

R.T.: 6.387 min
Delta R.T.: -0.006 min
Response: 2982625
Conc: 20.53 ug/ml



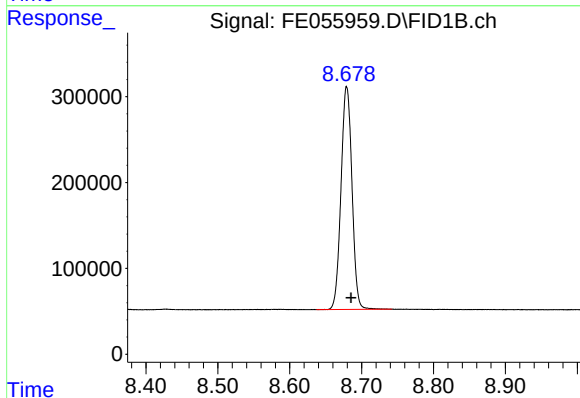
#4 n-Dodecane (C12)

R.T.: 6.843 min
Delta R.T.: -0.006 min
Response: 2652719
Conc: 20.37 ug/ml



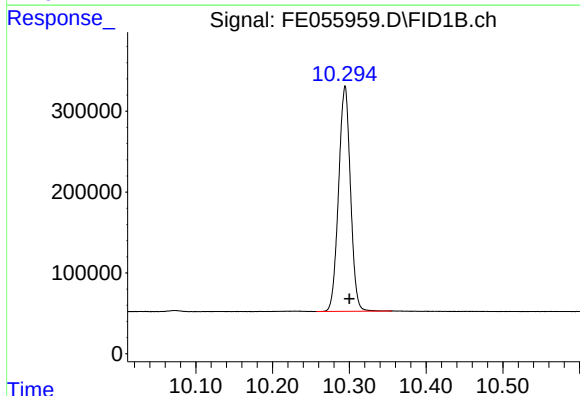
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 2932915
Conc: 20.85 ug/ml



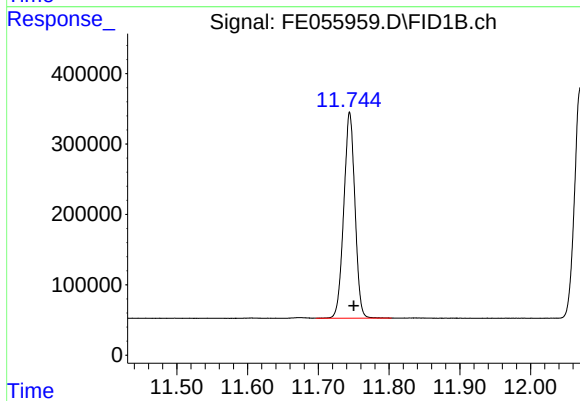
#6 n-Tetradecane (C14)

R.T.: 8.679 min
Delta R.T.: -0.006 min
Response: 2749088
Conc: 20.87 ug/ml



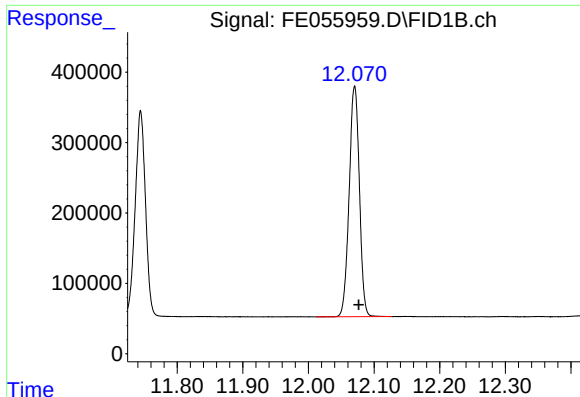
#7 n-Hexadecane (C16)

R.T.: 10.294 min
Delta R.T.: -0.006 min
Response: 2988390
Conc: 21.58 ug/ml



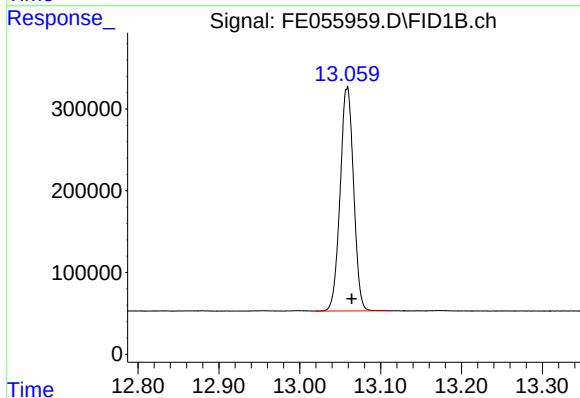
#8 n-Octadecane (C18)

R.T.: 11.744 min
Delta R.T.: -0.006 min
Response: 3202051
Conc: 21.95 ug/ml



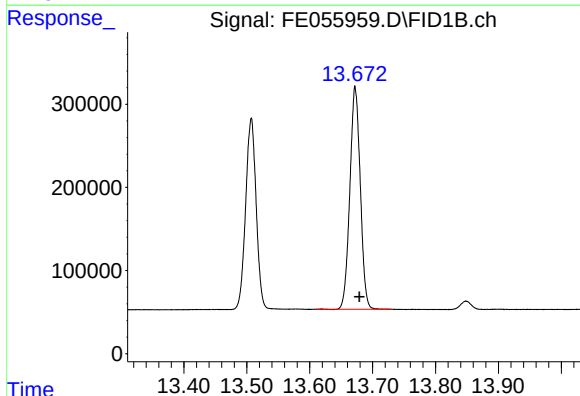
#9 ortho-Terphenyl (SURR)

R.T.: 12.070 min
Delta R.T.: -0.006 min
Response: 3550600
Conc: 21.61 ug/ml



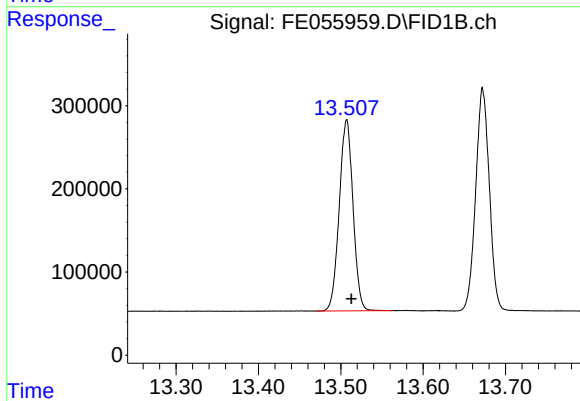
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: -0.006 min
Response: 3160422
Conc: 21.96 ug/ml



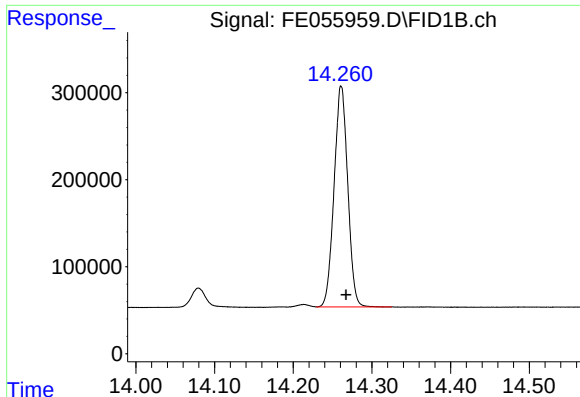
#11 n-Heneicosane (C21)

R.T.: 13.672 min
Delta R.T.: -0.006 min
Response: 3082637
Conc: 21.58 ug/ml



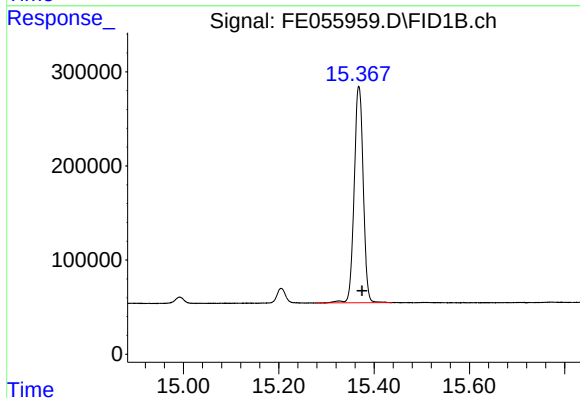
#12 1-chlorooctadecane (SURR)

R.T.: 13.507 min
Delta R.T.: -0.006 min
Response: 2673238
Conc: 21.38 ug/ml



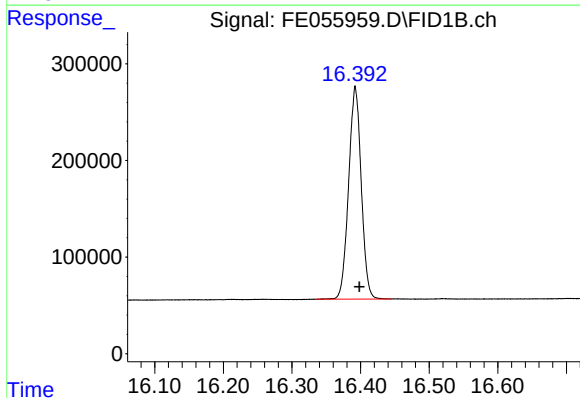
#13 n-Docosane (C22)

R.T.: 14.261 min
Delta R.T.: -0.006 min
Response: 3063215
Conc: 21.40 ug/ml



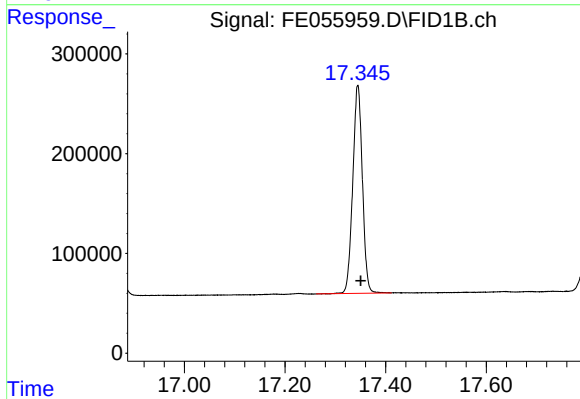
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: -0.006 min
Response: 3025362
Conc: 20.91 ug/ml



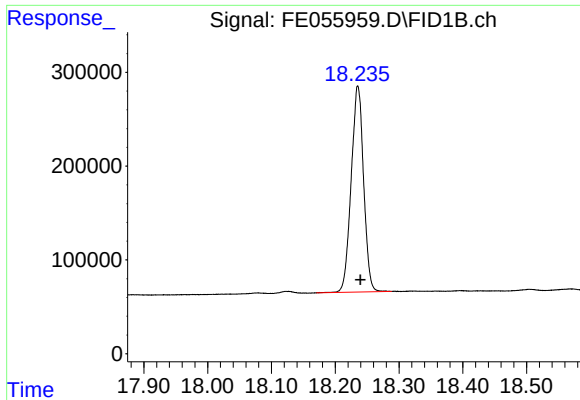
#15 n-Hexacosane (C26)

R.T.: 16.392 min
Delta R.T.: -0.006 min
Response: 2807448
Conc: 19.65 ug/ml



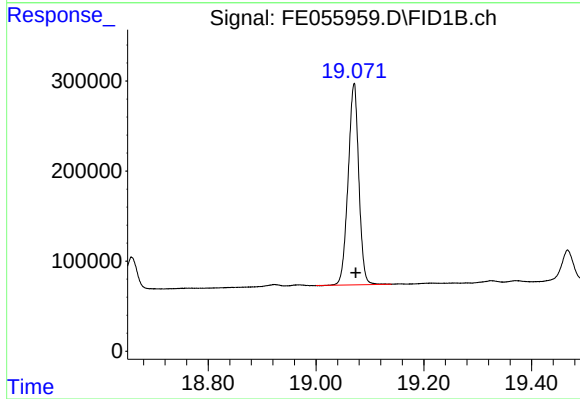
#16 n-Octacosane (C28)

R.T.: 17.345 min
Delta R.T.: -0.005 min
Response: 2772738
Conc: 19.49 ug/ml



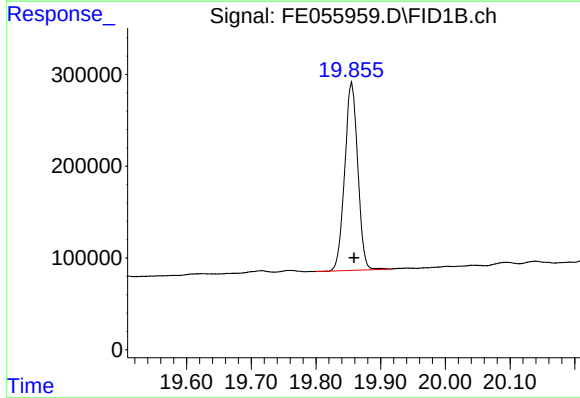
#17 n-Tricontane (C30)

R.T.: 18.236 min
Delta R.T.: -0.004 min
Response: 2966064
Conc: 20.07 ug/ml



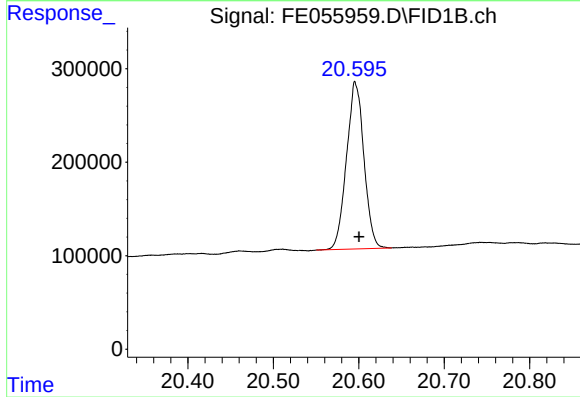
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.003 min
Response: 3082473
Conc: 21.00 ug/ml



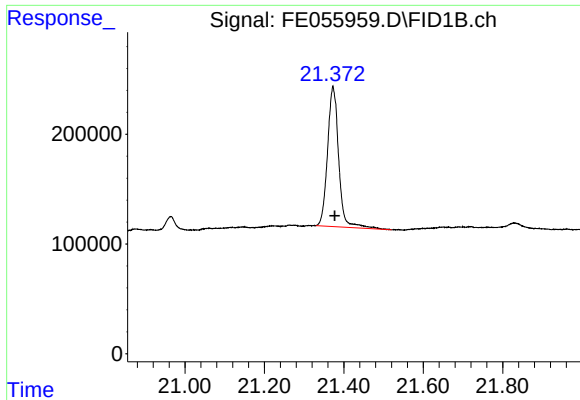
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: -0.004 min
Response: 2869753
Conc: 20.31 ug/ml



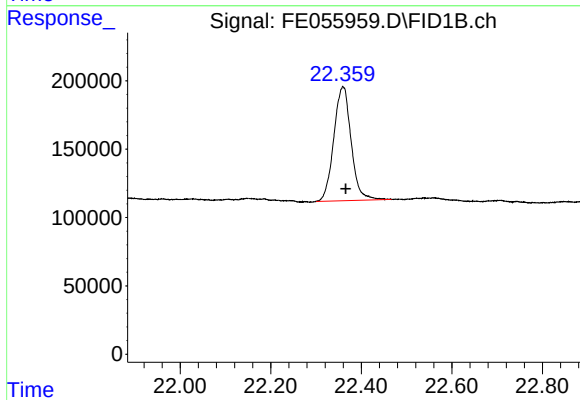
#20 n-Hexatriacontane (C36)

R.T.: 20.596 min
Delta R.T.: -0.004 min
Response: 2530896
Conc: 19.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.373 min
Delta R.T.: -0.004 min
Response: 2481002
Conc: 19.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.360 min
Delta R.T.: -0.006 min
Response: 2217108
Conc: 17.29 ug/ml