

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092325AL\
 Data File : FE055955.D
 Signal(s) : FID1B.ch
 Acq On : 23 Sep 2025 09:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 23 14:37:55 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)	12.071	3571915	21.742 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
12) S 1-chlorooctadecane (S...	13.507	2676087	21.401 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
Target Compounds			
1) T n-Nonane (C9)	3.410	2568438	20.240 ug/ml
2) T n-Decane (C10)	4.668	2644302	20.643 ug/ml
3) T A~Naphthalene (C11.7)	6.386	3056681	21.039 ug/ml
4) T n-Dodecane (C12)	6.843	2722441	20.908 ug/ml
5) T A~2-methylnaphthalene...	7.487	2998799	21.321 ug/ml
6) T n-Tetradecane (C14)	8.680	2813157	21.361 ug/ml
7) T n-Hexadecane (C16)	10.295	3051683	22.034 ug/ml
8) T n-Octadecane (C18)	11.745	3255331	22.318 ug/ml
10) T n-Eicosane (C20)	13.059	3186563	22.137 ug/ml
11) T n-Heneicosane (C21)	13.674	3099399	21.698 ug/ml
13) T n-Docosane (C22)	14.262	3061002	21.384 ug/ml
14) T n-Tetracosane (C24)	15.369	2975721	20.565 ug/ml
15) T n-Hexacosane (C26)	16.393	2762104	19.334 ug/ml
16) T n-Octacosane (C28)	17.346	2720382	19.126 ug/ml
17) T n-Tricontane (C30)	18.235	2932267	19.837 ug/ml
18) T n-Dotriacontane (C32)	19.070	3032098	20.658 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2858909	20.235 ug/ml
20) T n-Hexatriacontane (C36)	20.597	2568001	19.461 ug/ml
21) T n-Octatriacontane (C38)	21.373	2272590	17.449 ug/ml
22) T n-Tetracontane (C40)	22.357	2184944	17.038 ug/ml

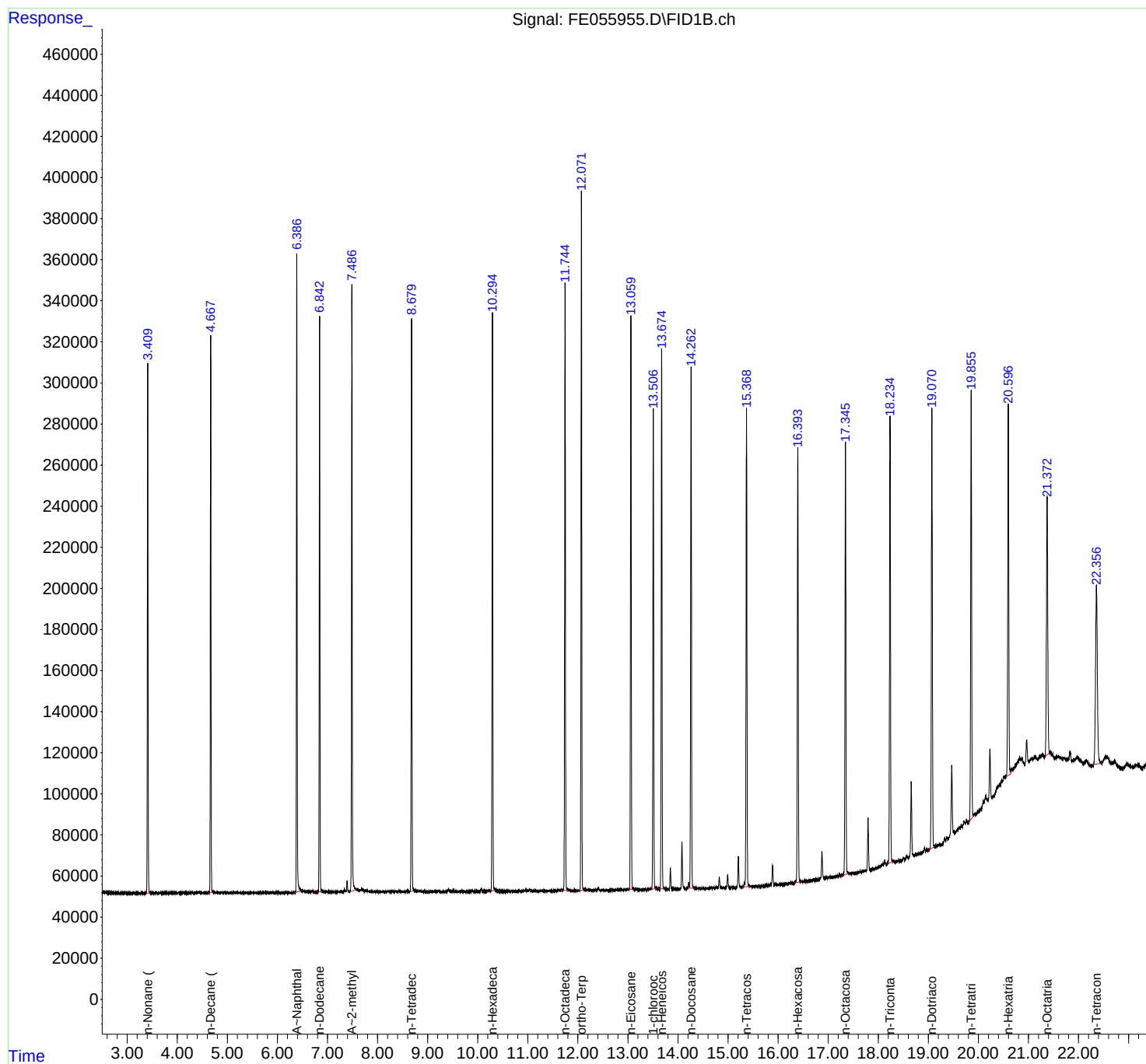
(f)=RT Delta > 1/2 Window

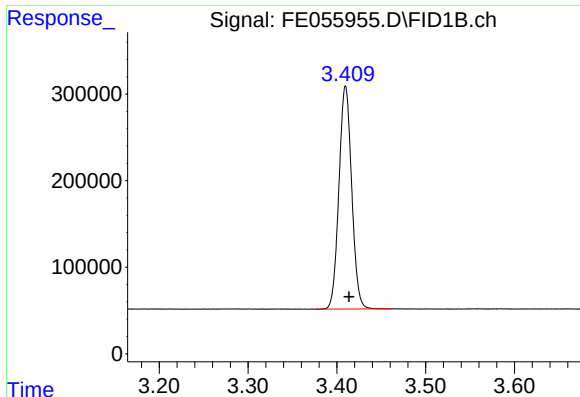
(m)=manual int.

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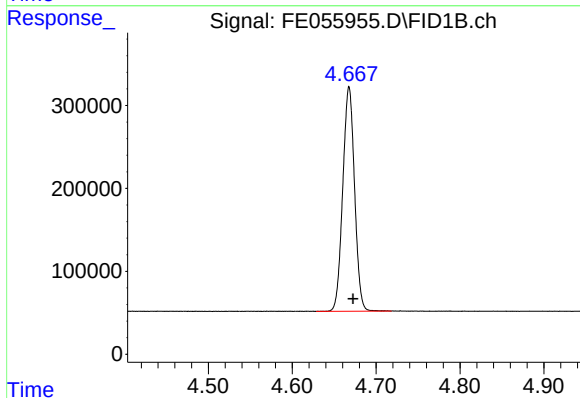
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





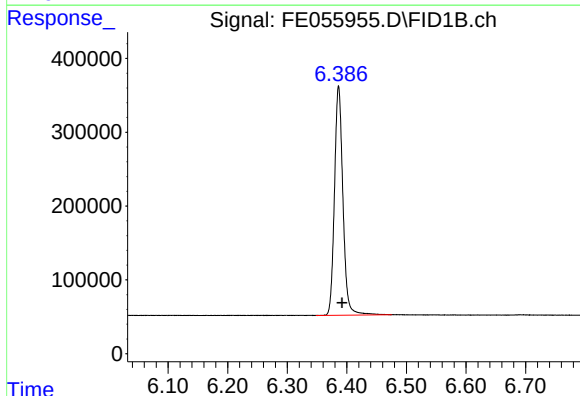
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: -0.004 min
Response: 2568438
Conc: 20.24 ug/ml



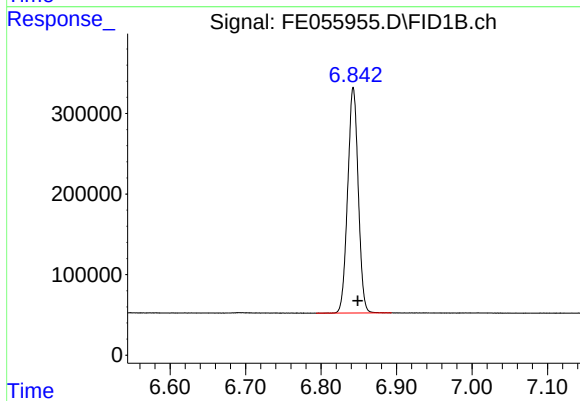
#2 n-Decane (C10)

R.T.: 4.668 min
Delta R.T.: -0.005 min
Response: 2644302
Conc: 20.64 ug/ml



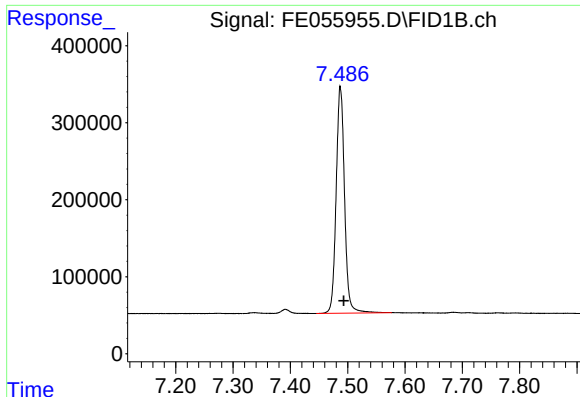
#3 A~Naphthalene (C11.7)

R.T.: 6.386 min
Delta R.T.: -0.006 min
Response: 3056681
Conc: 21.04 ug/ml



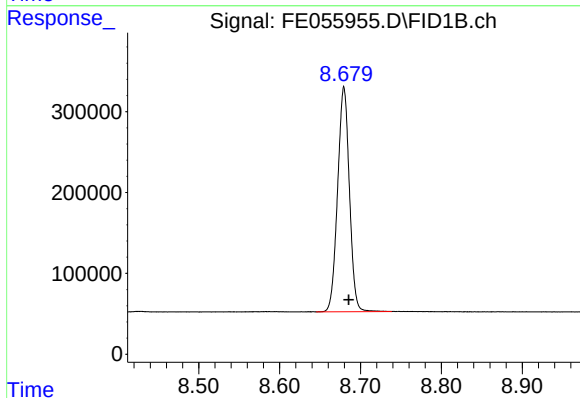
#4 n-Dodecane (C12)

R.T.: 6.843 min
Delta R.T.: -0.006 min
Response: 2722441
Conc: 20.91 ug/ml



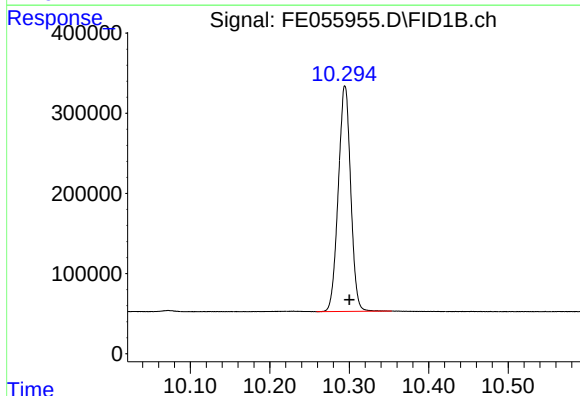
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 2998799
Conc: 21.32 ug/ml



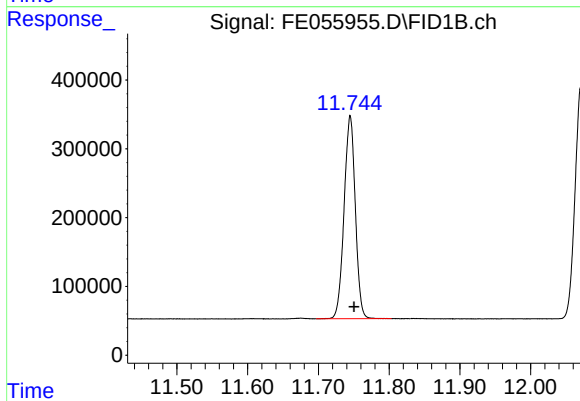
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: -0.006 min
Response: 2813157
Conc: 21.36 ug/ml



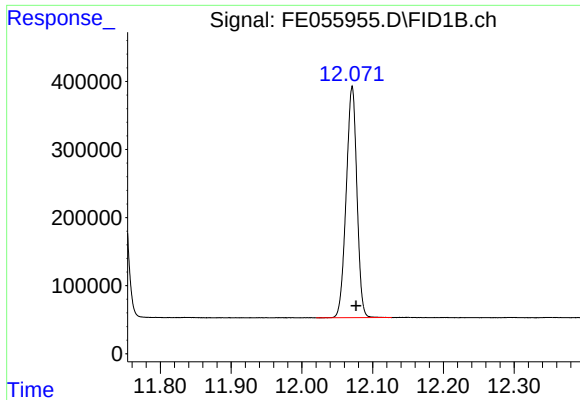
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: -0.006 min
Response: 3051683
Conc: 22.03 ug/ml



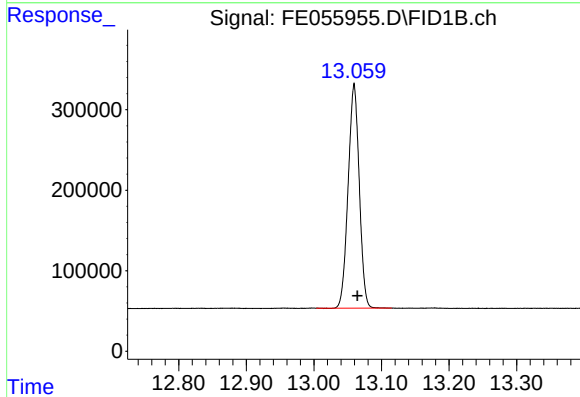
#8 n-Octadecane (C18)

R.T.: 11.745 min
Delta R.T.: -0.005 min
Response: 3255331
Conc: 22.32 ug/ml



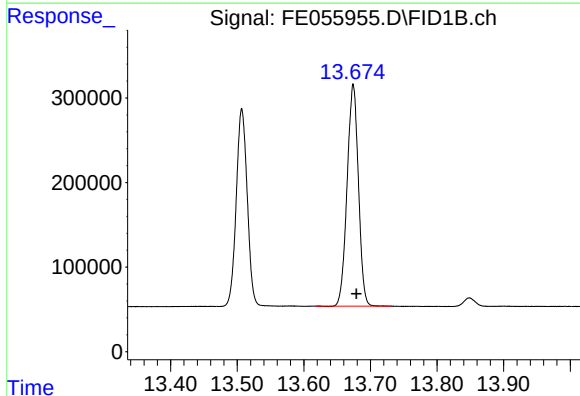
#9 ortho-Terphenyl (SURR)

R.T.: 12.071 min
Delta R.T.: -0.006 min
Response: 3571915
Conc: 21.74 ug/ml



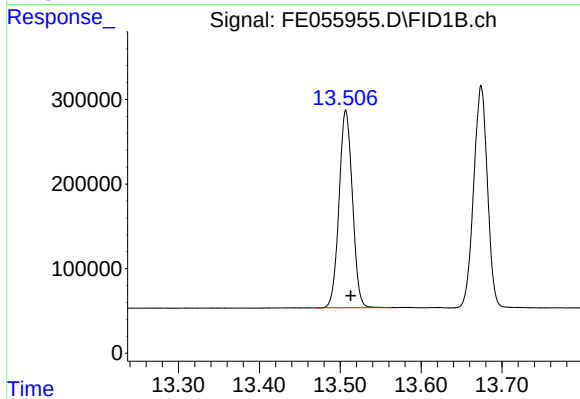
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: -0.005 min
Response: 3186563
Conc: 22.14 ug/ml



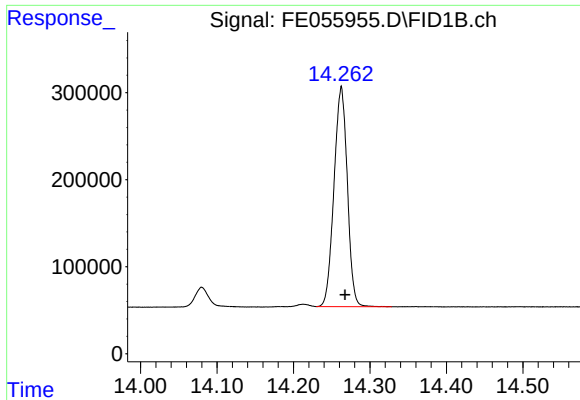
#11 n-Heneicosane (C21)

R.T.: 13.674 min
Delta R.T.: -0.005 min
Response: 3099399
Conc: 21.70 ug/ml



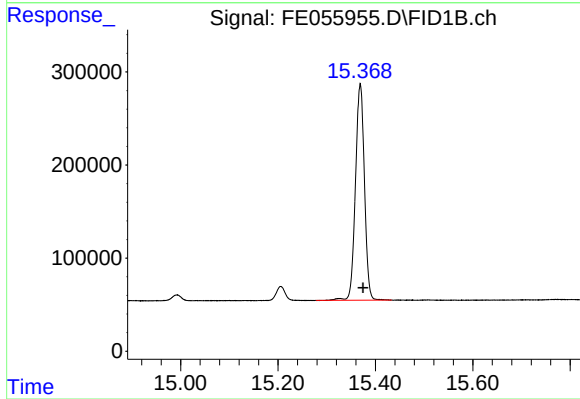
#12 1-chlorooctadecane (SURR)

R.T.: 13.507 min
Delta R.T.: -0.006 min
Response: 2676087
Conc: 21.40 ug/ml



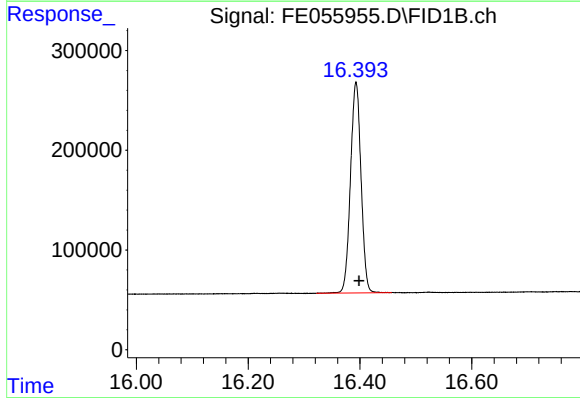
#13 n-Docosane (C22)

R.T.: 14.262 min
Delta R.T.: -0.005 min
Response: 3061002
Conc: 21.38 ug/ml



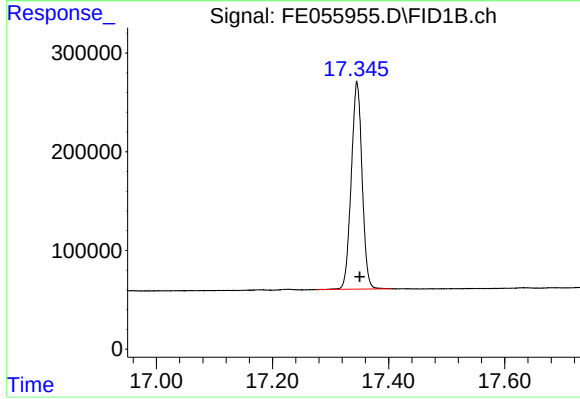
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: -0.006 min
Response: 2975721
Conc: 20.57 ug/ml



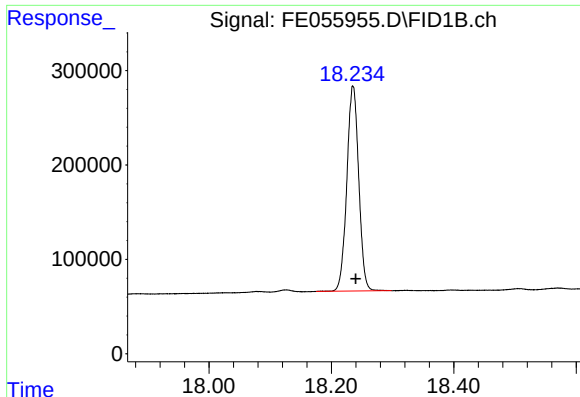
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: -0.005 min
Response: 2762104
Conc: 19.33 ug/ml



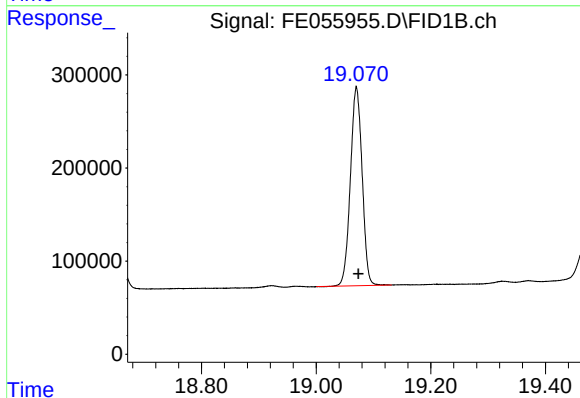
#16 n-Octacosane (C28)

R.T.: 17.346 min
Delta R.T.: -0.005 min
Response: 2720382
Conc: 19.13 ug/ml



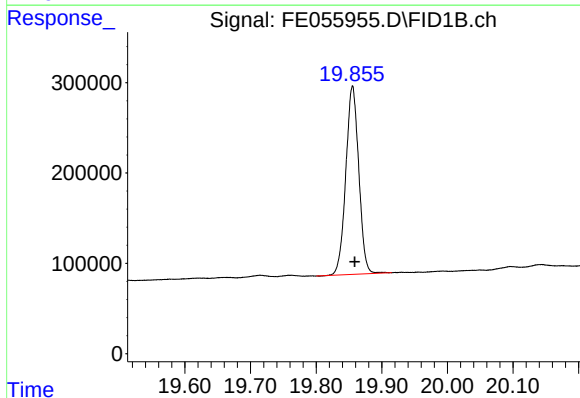
#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: -0.004 min
Response: 2932267
Conc: 19.84 ug/ml



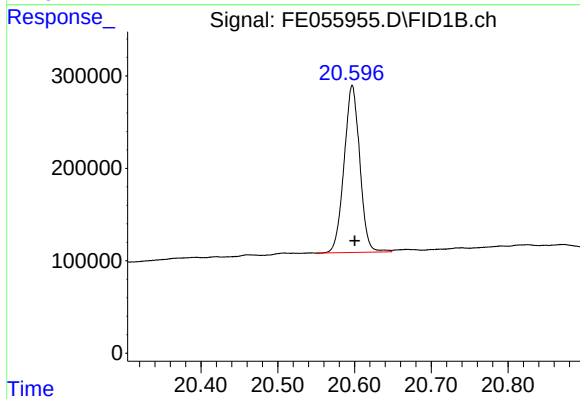
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.003 min
Response: 3032098
Conc: 20.66 ug/ml



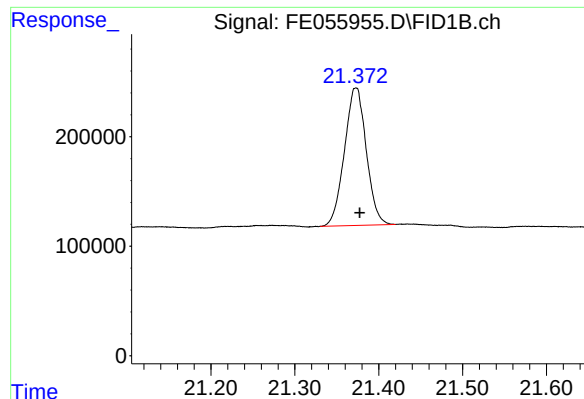
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: -0.004 min
Response: 2858909
Conc: 20.24 ug/ml



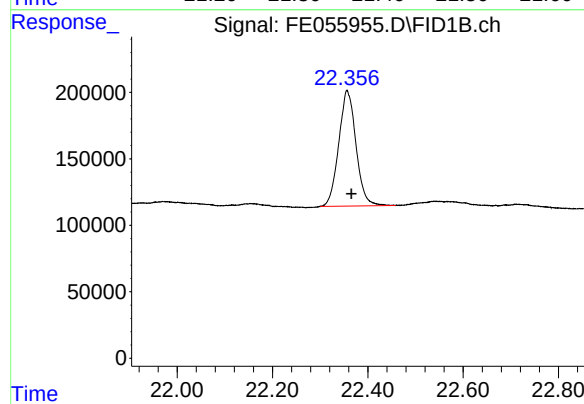
#20 n-Hexatriacontane (C36)

R.T.: 20.597 min
Delta R.T.: -0.003 min
Response: 2568001
Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.373 min
Delta R.T.: -0.005 min
Response: 2272590
Conc: 17.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.357 min
Delta R.T.: -0.009 min
Response: 2184944
Conc: 17.04 ug/ml