

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090225AL\
 Data File : FE055625.D
 Signal(s) : FID1B.ch
 Acq On : 02 Sep 2025 16:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 03 01:29:48 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)	12.077	3654188	22.243 ug/ml
Spiked Amount 50.000		Recovery =	44.49%
12) S 1-chlorooctadecane (S...	13.514	2771582	22.165 ug/ml
Spiked Amount 50.000		Recovery =	44.33%
Target Compounds			
1) T n-Nonane (C9)	3.414	2726319	21.484 ug/ml
2) T n-Decane (C10)	4.673	2813470	21.963 ug/ml
3) T A~Naphthalene (C11.7)	6.393	3228767	22.223 ug/ml
4) T n-Dodecane (C12)	6.848	2891754	22.208 ug/ml
5) T A~2-methylnaphthalene...	7.493	3133043	22.275 ug/ml
6) T n-Tetradecane (C14)	8.686	2936427	22.297 ug/ml
7) T n-Hexadecane (C16)	10.301	3104708	22.417 ug/ml
8) T n-Octadecane (C18)	11.751	3263087	22.371 ug/ml
10) T n-Eicosane (C20)	13.065	3213582	22.325 ug/ml
11) T n-Heneicosane (C21)	13.680	3181817	22.275 ug/ml
13) T n-Docosane (C22)	14.269	3194480	22.316 ug/ml
14) T n-Tetracosane (C24)	15.374	3223966	22.281 ug/ml
15) T n-Hexacosane (C26)	16.400	3162768	22.138 ug/ml
16) T n-Octacosane (C28)	17.352	3153038	22.167 ug/ml
17) T n-Tricontane (C30)	18.242	3269354	22.117 ug/ml
18) T n-Dotriacontane (C32)	19.075	3269155	22.273 ug/ml
19) T n-Tetratriacontane (C34)	19.861	3143906	22.252 ug/ml
20) T n-Hexatriacontane (C36)	20.603	3004867	22.772 ug/ml
21) T n-Octatriacontane (C38)	21.381	2872936	22.059 ug/ml
22) T n-Tetracontane (C40)	22.367	2794746	21.793 ug/ml

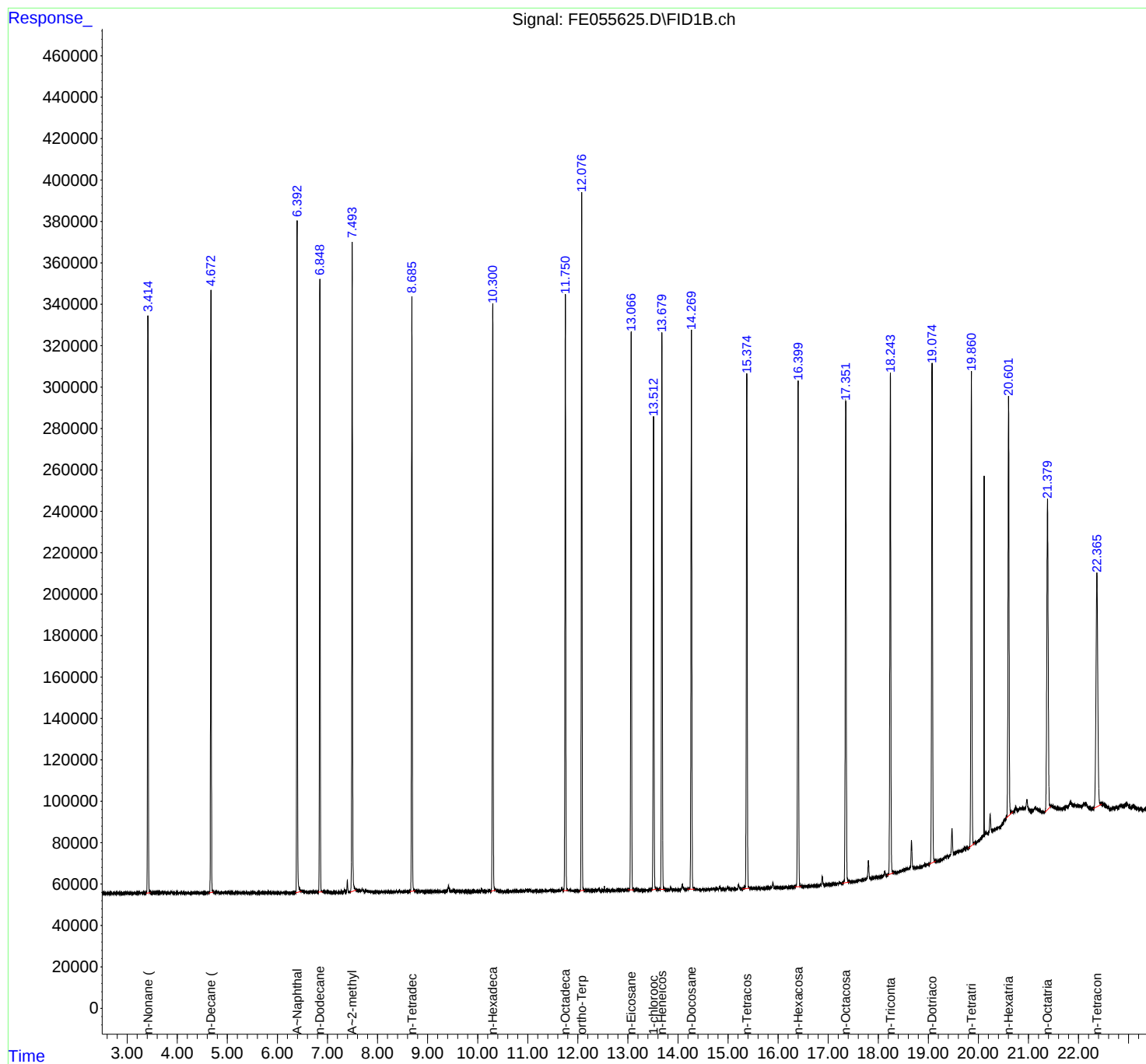
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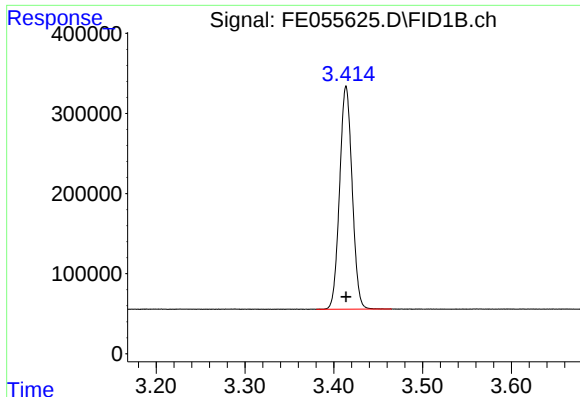
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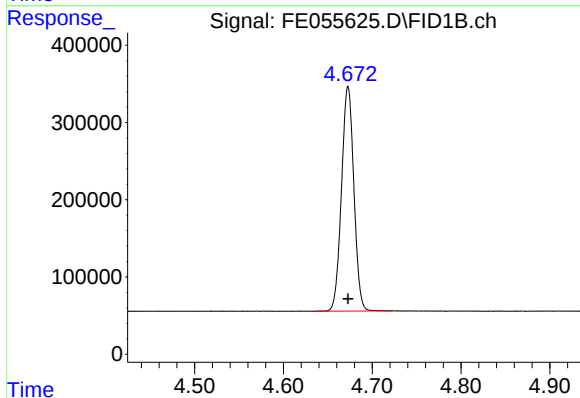
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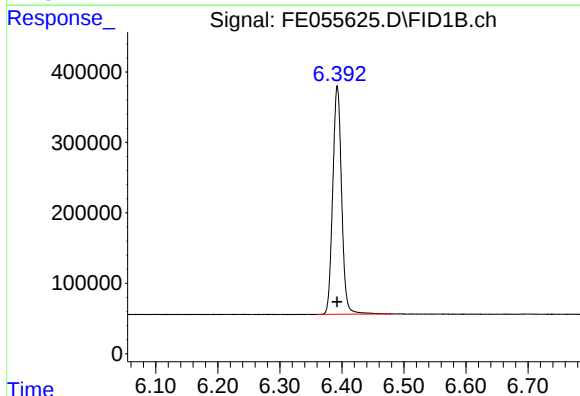
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2726319
Conc: 21.48 ug/ml



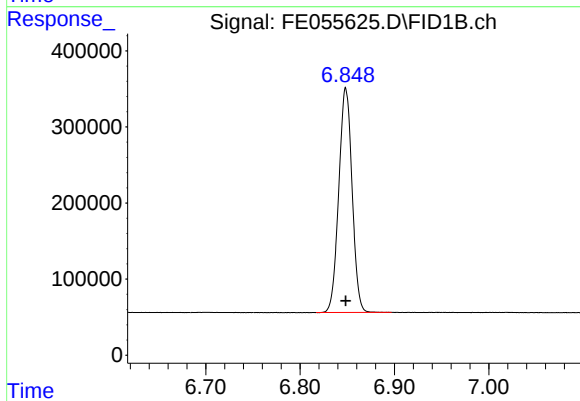
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 2813470
Conc: 21.96 ug/ml



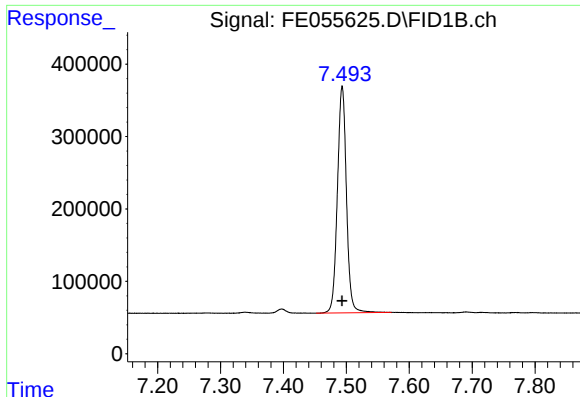
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 3228767
Conc: 22.22 ug/ml



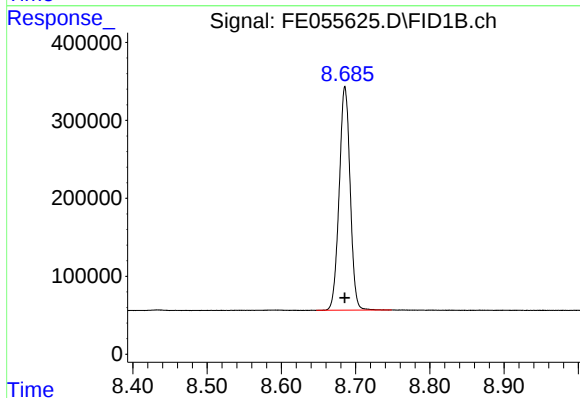
#4 n-Dodecane (C12)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 2891754
Conc: 22.21 ug/ml



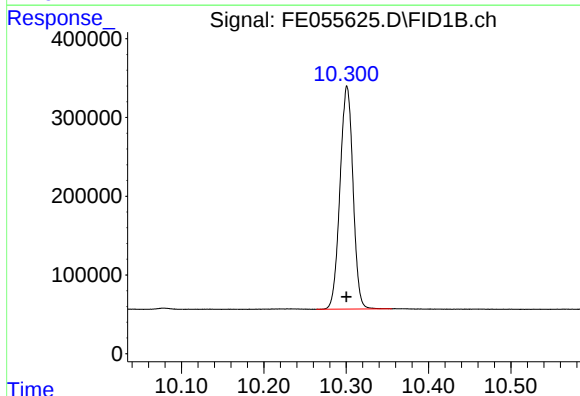
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 3133043
Conc: 22.28 ug/ml



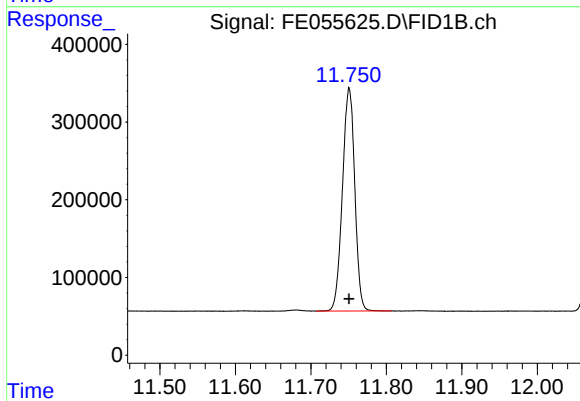
#6 n-Tetradecane (C14)

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 2936427
Conc: 22.30 ug/ml



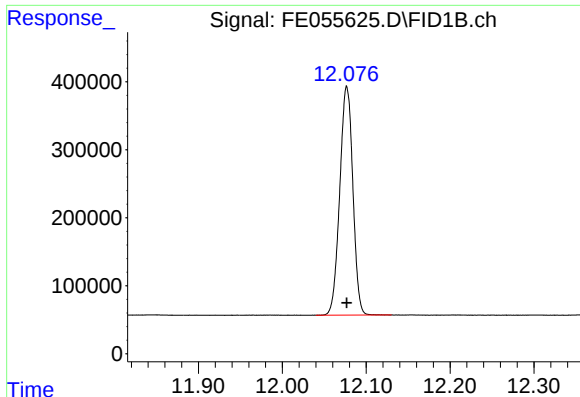
#7 n-Hexadecane (C16)

R.T.: 10.301 min
Delta R.T.: 0.000 min
Response: 3104708
Conc: 22.42 ug/ml



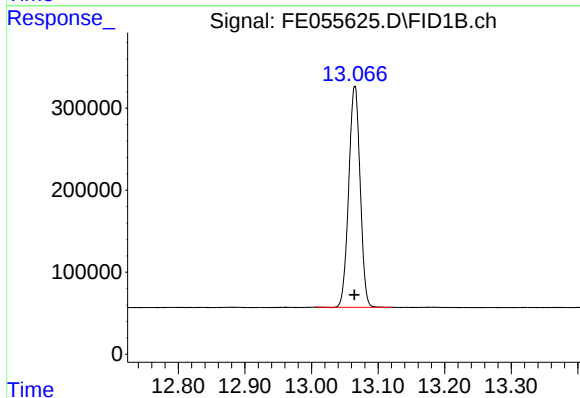
#8 n-Octadecane (C18)

R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 3263087
Conc: 22.37 ug/ml



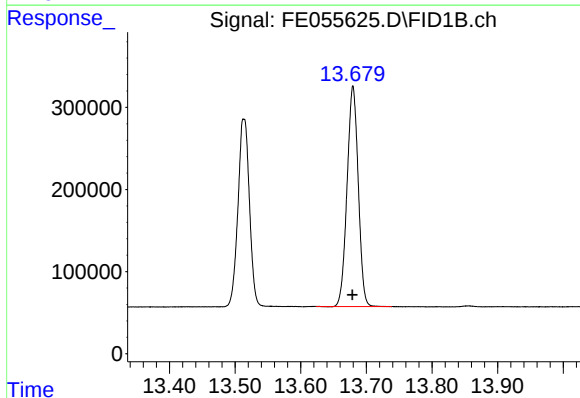
#9 ortho-Terphenyl (SURR)

R.T.: 12.077 min
Delta R.T.: 0.000 min
Response: 3654188
Conc: 22.24 ug/ml



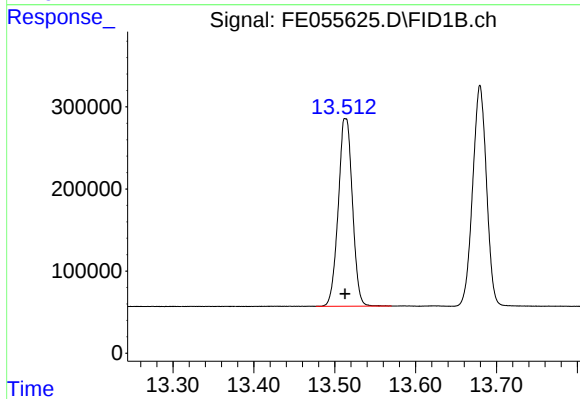
#10 n-Eicosane (C20)

R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 3213582
Conc: 22.32 ug/ml



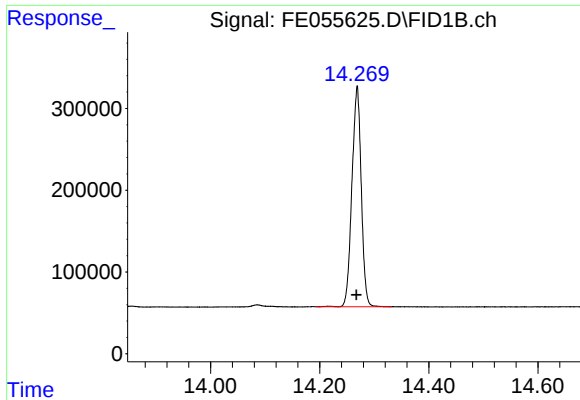
#11 n-Heneicosane (C21)

R.T.: 13.680 min
Delta R.T.: 0.000 min
Response: 3181817
Conc: 22.27 ug/ml



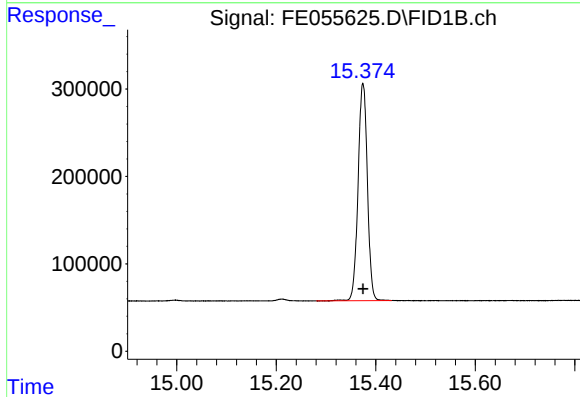
#12 1-chlorooctadecane (SURR)

R.T.: 13.514 min
Delta R.T.: 0.000 min
Response: 2771582
Conc: 22.16 ug/ml



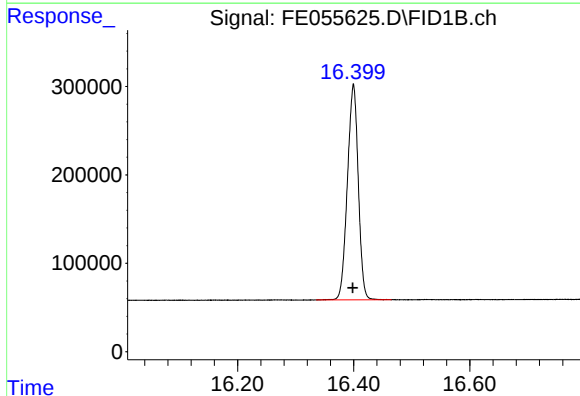
#13 n-Docosane (C22)

R.T.: 14.269 min
Delta R.T.: 0.001 min
Response: 3194480
Conc: 22.32 ug/ml



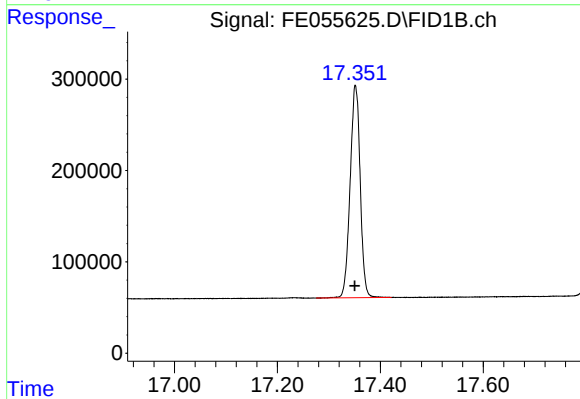
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: 0.000 min
Response: 3223966
Conc: 22.28 ug/ml



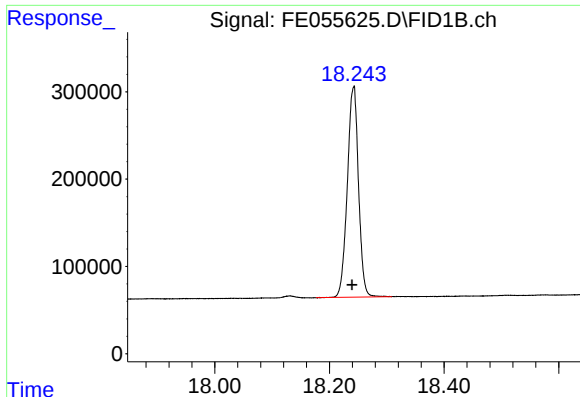
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: 0.001 min
Response: 3162768
Conc: 22.14 ug/ml



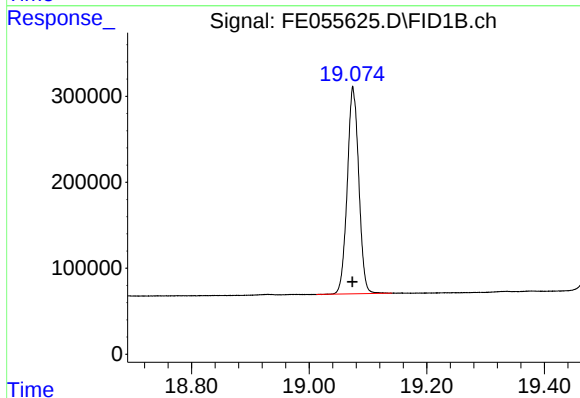
#16 n-Octacosane (C28)

R.T.: 17.352 min
Delta R.T.: 0.002 min
Response: 3153038
Conc: 22.17 ug/ml



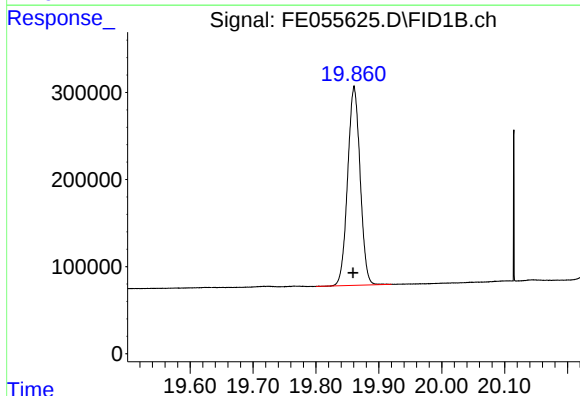
#17 n-Tricontane (C30)

R.T.: 18.242 min
Delta R.T.: 0.002 min
Response: 3269354
Conc: 22.12 ug/ml



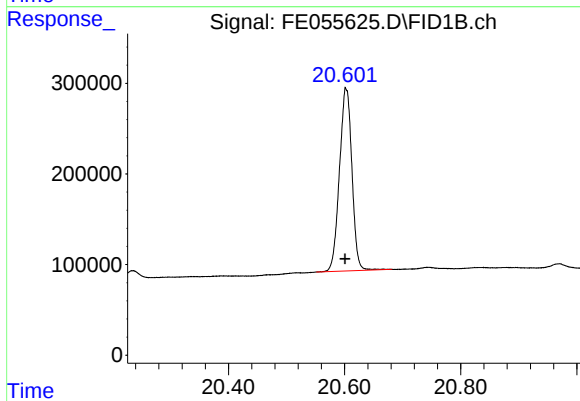
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: 0.001 min
Response: 3269155
Conc: 22.27 ug/ml



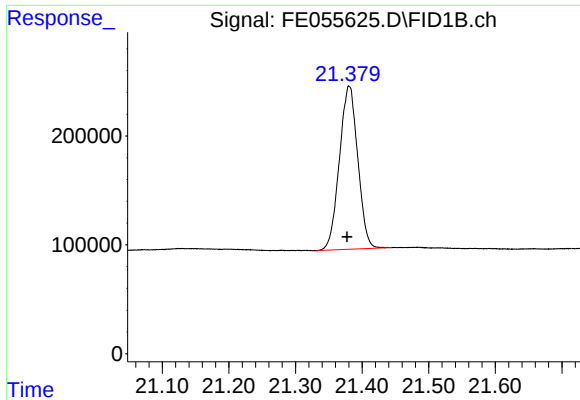
#19 n-Tetratriacontane (C34)

R.T.: 19.861 min
Delta R.T.: 0.002 min
Response: 3143906
Conc: 22.25 ug/ml



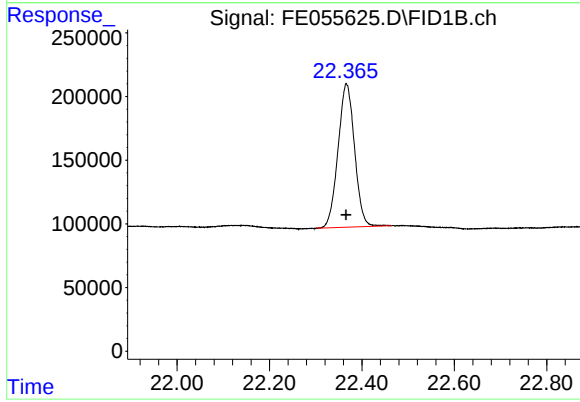
#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: 0.002 min
Response: 3004867
Conc: 22.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: 0.003 min
Response: 2872936
Conc: 22.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.367 min
Delta R.T.: 0.000 min
Response: 2794746
Conc: 21.79 ug/ml