

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090225AL\
 Data File : FE055618.D
 Signal(s) : FID1B.ch
 Acq On : 02 Sep 2025 11:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 02 11:57:13 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)	12.078	3500301	21.306 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
12) S 1-chlorooctadecane (S...	13.515	2624565	20.989 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
Target Compounds			
1) T n-Nonane (C9)	3.414	2637132	20.781 ug/ml
2) T n-Decane (C10)	4.673	2719736	21.232 ug/ml
3) T A~Naphthalene (C11.7)	6.393	3091938	21.281 ug/ml
4) T n-Dodecane (C12)	6.849	2780548	21.354 ug/ml
5) T A~2-methylnaphthalene...	7.495	3016763	21.449 ug/ml
6) T n-Tetradecane (C14)	8.687	2811438	21.348 ug/ml
7) T n-Hexadecane (C16)	10.302	2960945	21.379 ug/ml
8) T n-Octadecane (C18)	11.751	3108333	21.310 ug/ml
10) T n-Eicosane (C20)	13.067	3063697	21.284 ug/ml
11) T n-Heneicosane (C21)	13.681	3038096	21.269 ug/ml
13) T n-Docosane (C22)	14.270	3057622	21.360 ug/ml
14) T n-Tetracosane (C24)	15.376	3102036	21.438 ug/ml
15) T n-Hexacosane (C26)	16.400	3044015	21.307 ug/ml
16) T n-Octacosane (C28)	17.353	3038978	21.366 ug/ml
17) T n-Tricontane (C30)	18.243	3167689	21.429 ug/ml
18) T n-Dotriacontane (C32)	19.078	3168611	21.588 ug/ml
19) T n-Tetratriacontane (C34)	19.863	3038019	21.503 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2871290	21.759 ug/ml
21) T n-Octatriacontane (C38)	21.381	2776308	21.317 ug/mlm
22) T n-Tetracontane (C40)	22.371	2565056	20.002 ug/ml

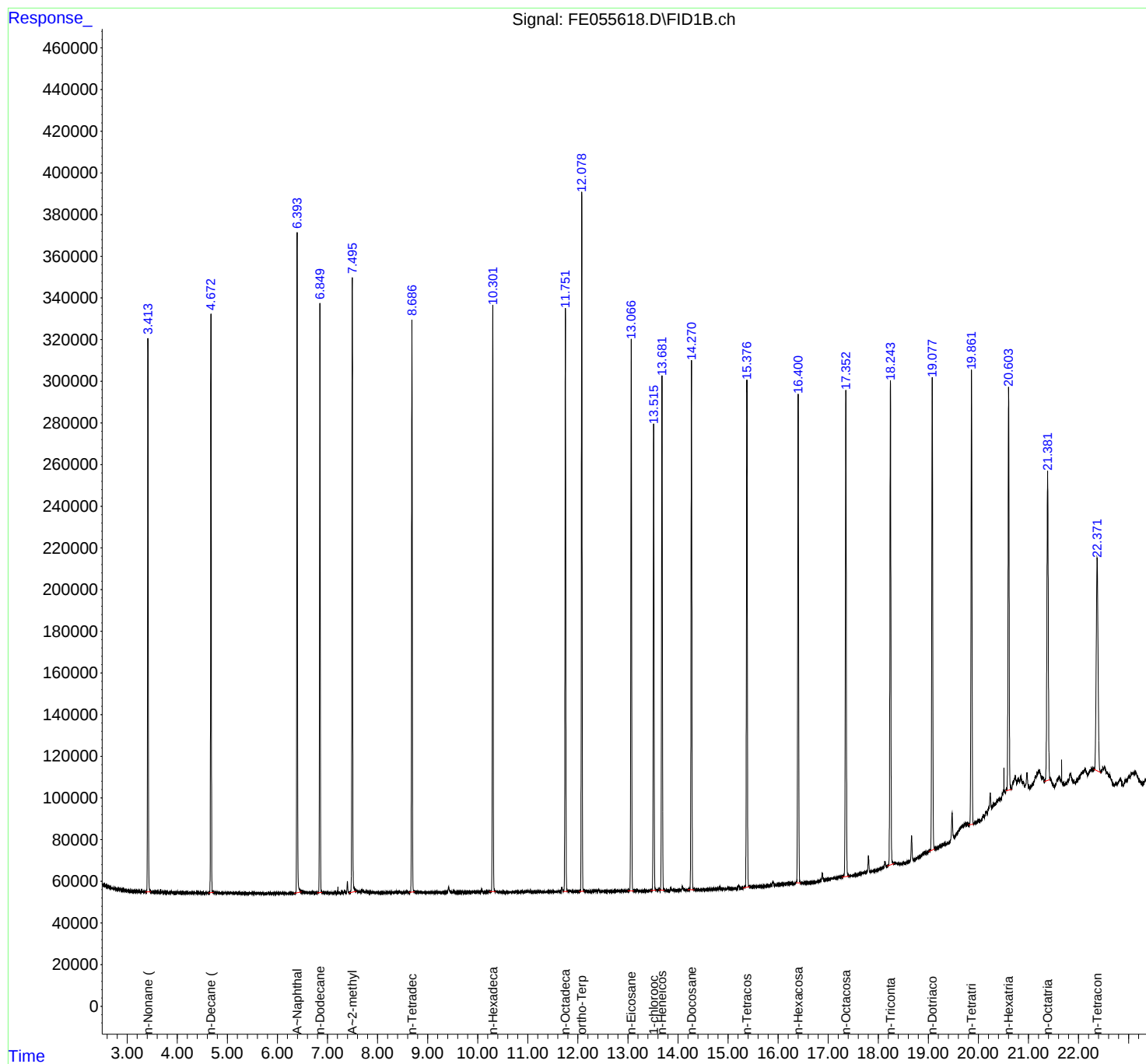
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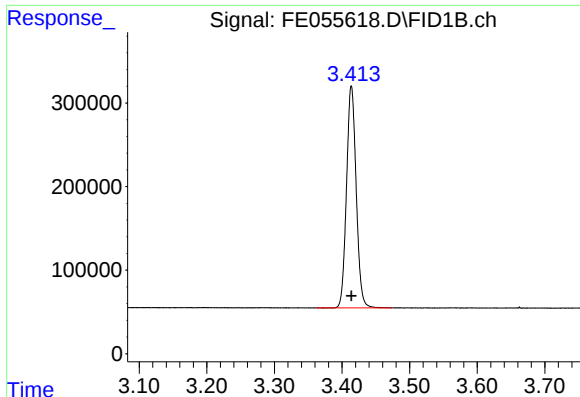
(m)=manual int.

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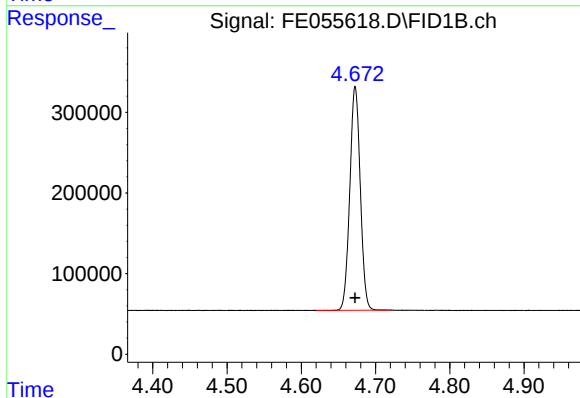
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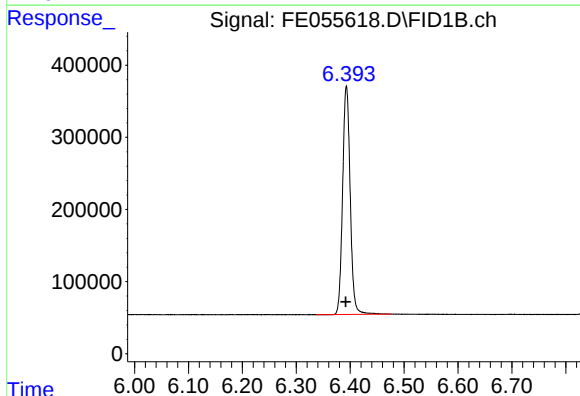
#1 n-Nonane (C9)

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2637132
Conc: 20.78 ug/ml



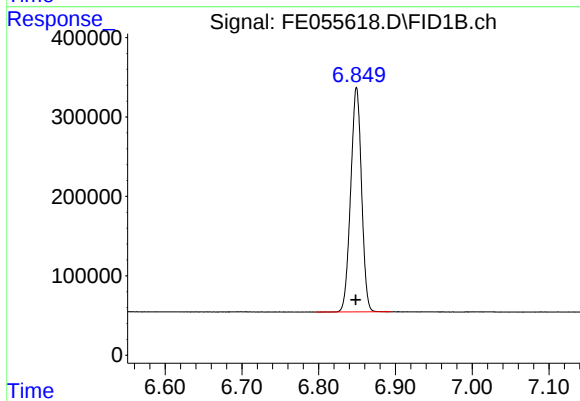
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 2719736
Conc: 21.23 ug/ml



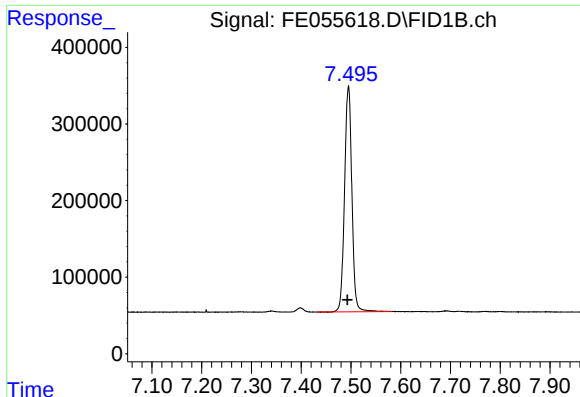
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: 0.001 min
Response: 3091938
Conc: 21.28 ug/ml



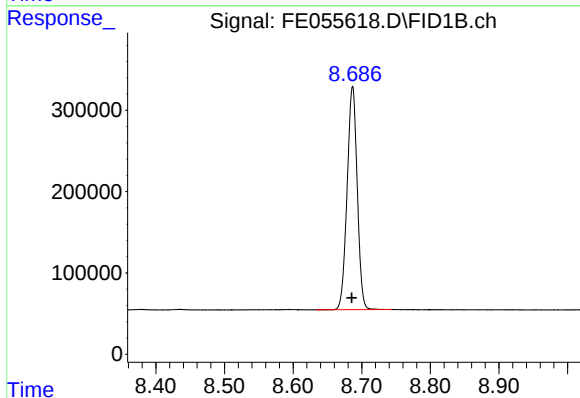
#4 n-Dodecane (C12)

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 2780548
Conc: 21.35 ug/ml



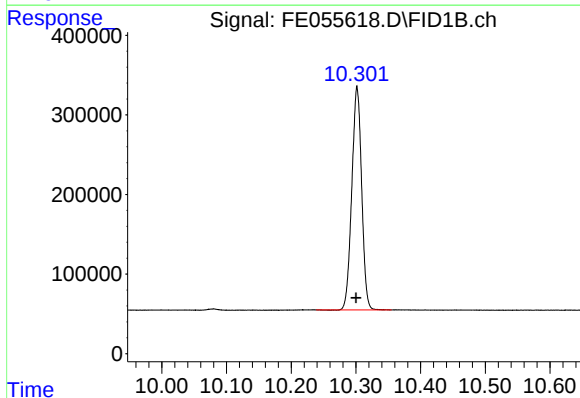
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.495 min
Delta R.T.: 0.002 min
Response: 3016763
Conc: 21.45 ug/ml



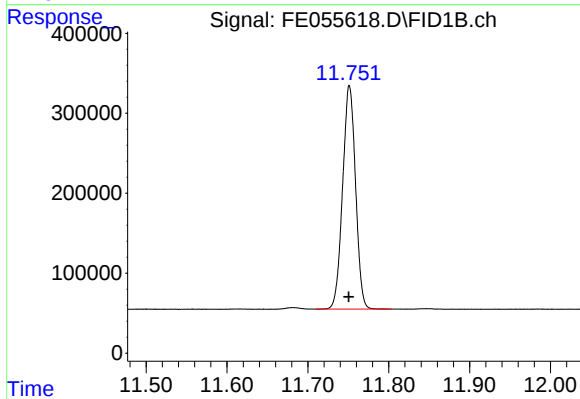
#6 n-Tetradecane (C14)

R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 2811438
Conc: 21.35 ug/ml



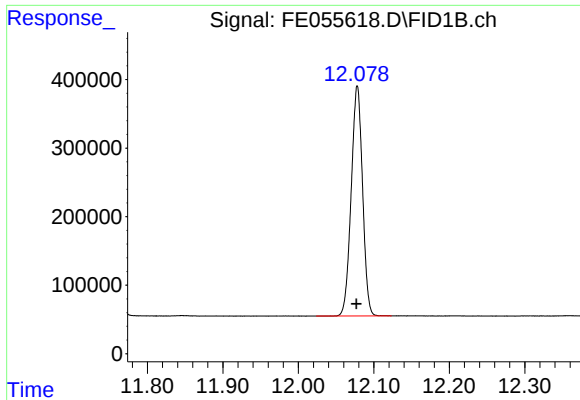
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: 0.002 min
Response: 2960945
Conc: 21.38 ug/ml



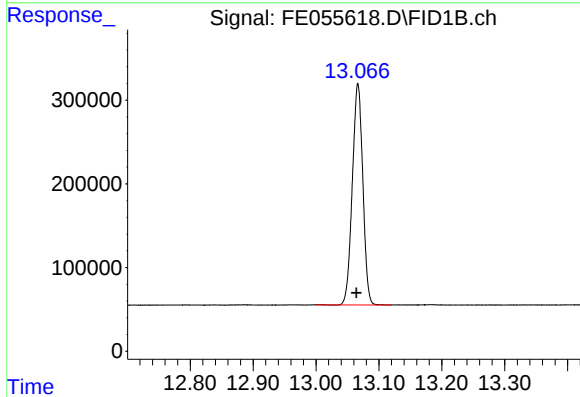
#8 n-Octadecane (C18)

R.T.: 11.751 min
Delta R.T.: 0.001 min
Response: 3108333
Conc: 21.31 ug/ml



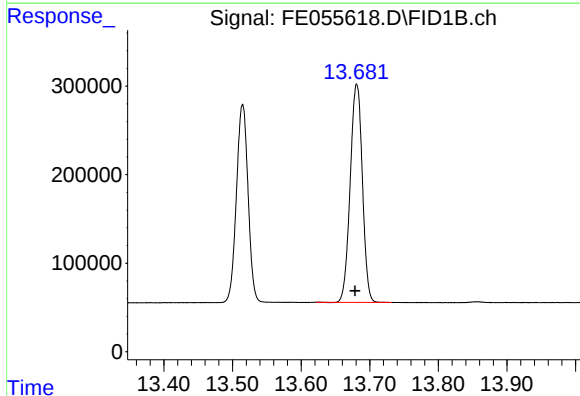
#9 ortho-Terphenyl (SURR)

R.T.: 12.078 min
Delta R.T.: 0.001 min
Response: 3500301
Conc: 21.31 ug/ml



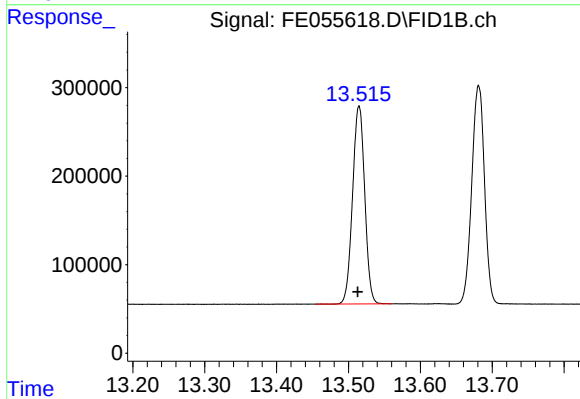
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: 0.002 min
Response: 3063697
Conc: 21.28 ug/ml



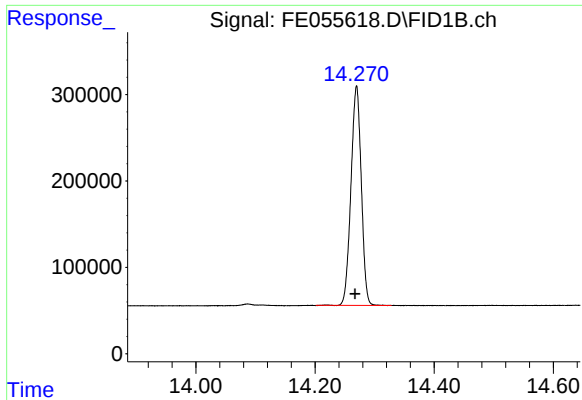
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: 0.002 min
Response: 3038096
Conc: 21.27 ug/ml



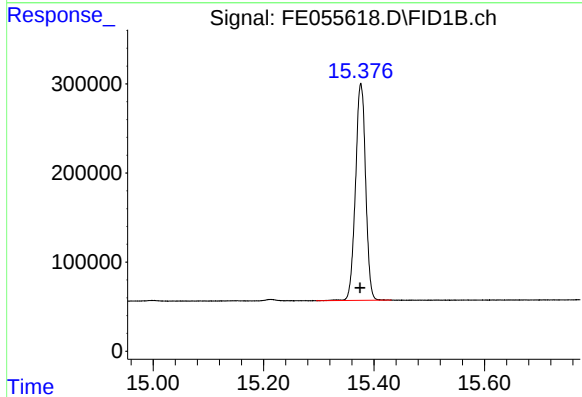
#12 1-chlorooctadecane (SURR)

R.T.: 13.515 min
Delta R.T.: 0.002 min
Response: 2624565
Conc: 20.99 ug/ml



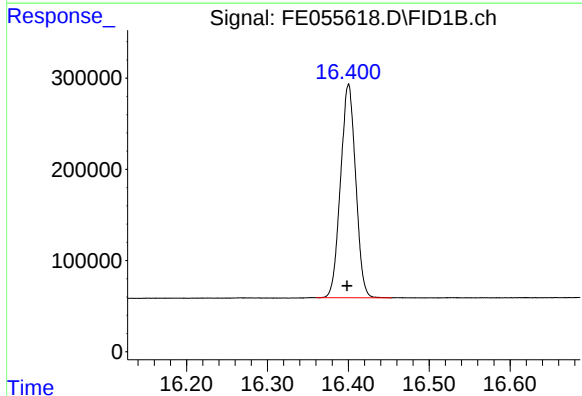
#13 n-Docosane (C22)

R.T.: 14.270 min
Delta R.T.: 0.002 min
Response: 3057622
Conc: 21.36 ug/ml



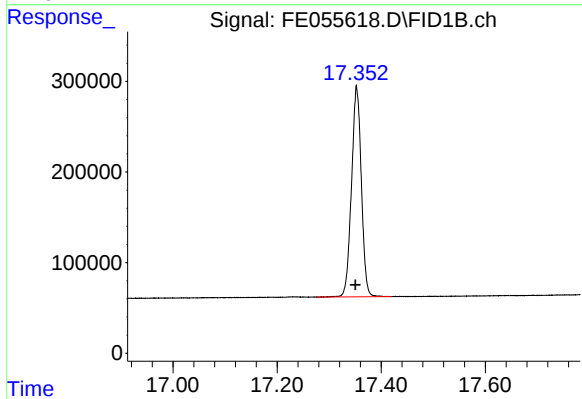
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: 0.002 min
Response: 3102036
Conc: 21.44 ug/ml



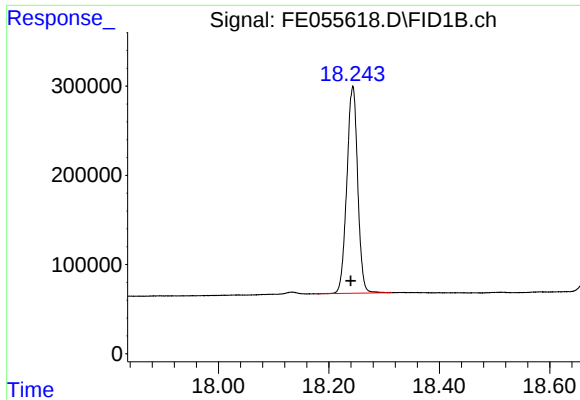
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: 0.002 min
Response: 3044015
Conc: 21.31 ug/ml



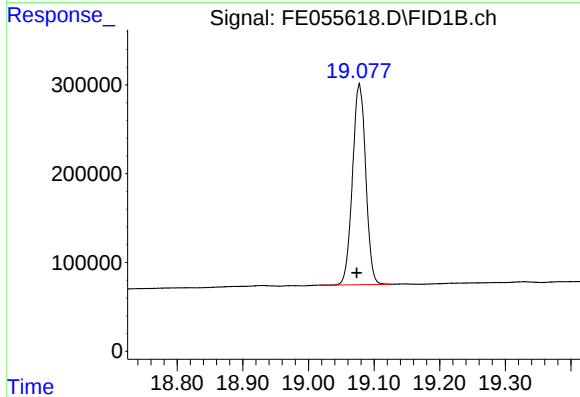
#16 n-Octacosane (C28)

R.T.: 17.353 min
Delta R.T.: 0.003 min
Response: 3038978
Conc: 21.37 ug/ml



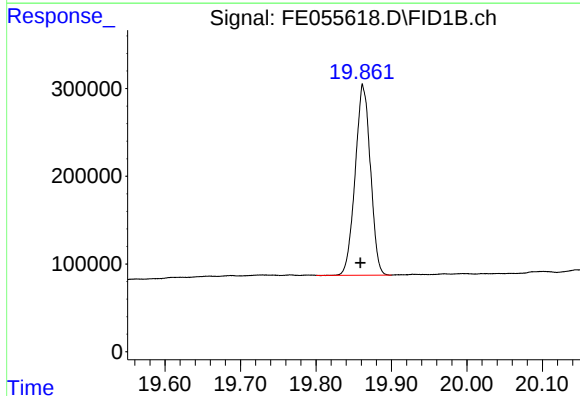
#17 n-Tricontane (C30)

R.T.: 18.243 min
Delta R.T.: 0.003 min
Response: 3167689
Conc: 21.43 ug/ml



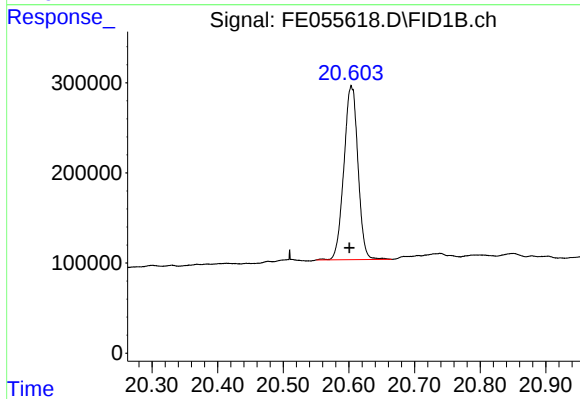
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: 0.004 min
Response: 3168611
Conc: 21.59 ug/ml



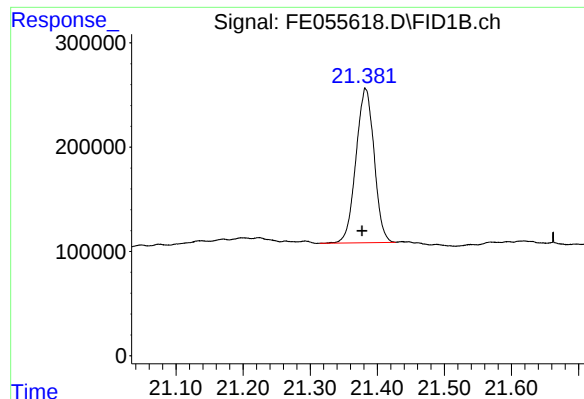
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: 0.004 min
Response: 3038019
Conc: 21.50 ug/ml



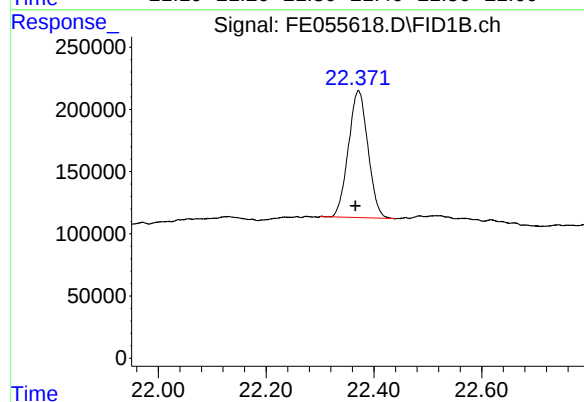
#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: 0.003 min
Response: 2871290
Conc: 21.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.381 min
Delta R.T.: 0.004 min
Response: 2776308
Conc: 21.32 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: 0.005 min
Response: 2565056
Conc: 20.00 ug/ml