

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082925AL\
 Data File : FE055546.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2025 10:04
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 29 08:04:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 29 08:03:47 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)	12.081	7933806	48.420 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
12) S 1-chlorooctadecane (S...	13.516	6092142	48.760 ug/ml
Spiked Amount 50.000		Recovery =	97.52%
Target Compounds			
1) T n-Nonane (C9)	3.416	6168124	48.749 ug/ml
2) T n-Decane (C10)	4.674	6258750	49.059 ug/ml
3) T A~Naphthalene (C11.7)	6.394	7168456	49.008 ug/ml
4) T n-Dodecane (C12)	6.851	6366363	48.940 ug/ml
5) T A~2-methylnaphthalene...	7.496	6971341	49.242 ug/ml
6) T n-Tetradecane (C14)	8.688	6399972	48.779 ug/ml
7) T n-Hexadecane (C16)	10.303	6747569	49.016 ug/ml
8) T n-Octadecane (C18)	11.753	7052281	48.554 ug/ml
10) T n-Eicosane (C20)	13.068	6959863	48.591 ug/ml
11) T n-Heneicosane (C21)	13.682	6920011	48.622 ug/ml
13) T n-Docosane (C22)	14.270	6934567	48.596 ug/ml
14) T n-Tetracosane (C24)	15.377	6974373	48.311 ug/ml
15) T n-Hexacosane (C26)	16.402	6883971	48.322 ug/ml
16) T n-Octacosane (C28)	17.353	6797291	48.085 ug/ml
17) T n-Tricontane (C30)	18.243	6954737	47.407 ug/ml
18) T n-Dotriacontane (C32)	19.077	6869783	47.040 ug/ml
19) T n-Tetratriacontane (C34)	19.863	6674365	47.514 ug/ml
20) T n-Hexatriacontane (C36)	20.604	6315211	48.203 ug/ml
21) T n-Octatriacontane (C38)	21.384	6168238	48.578 ug/ml
22) T n-Tetracontane (C40)	22.370	6109031	49.805 ug/ml

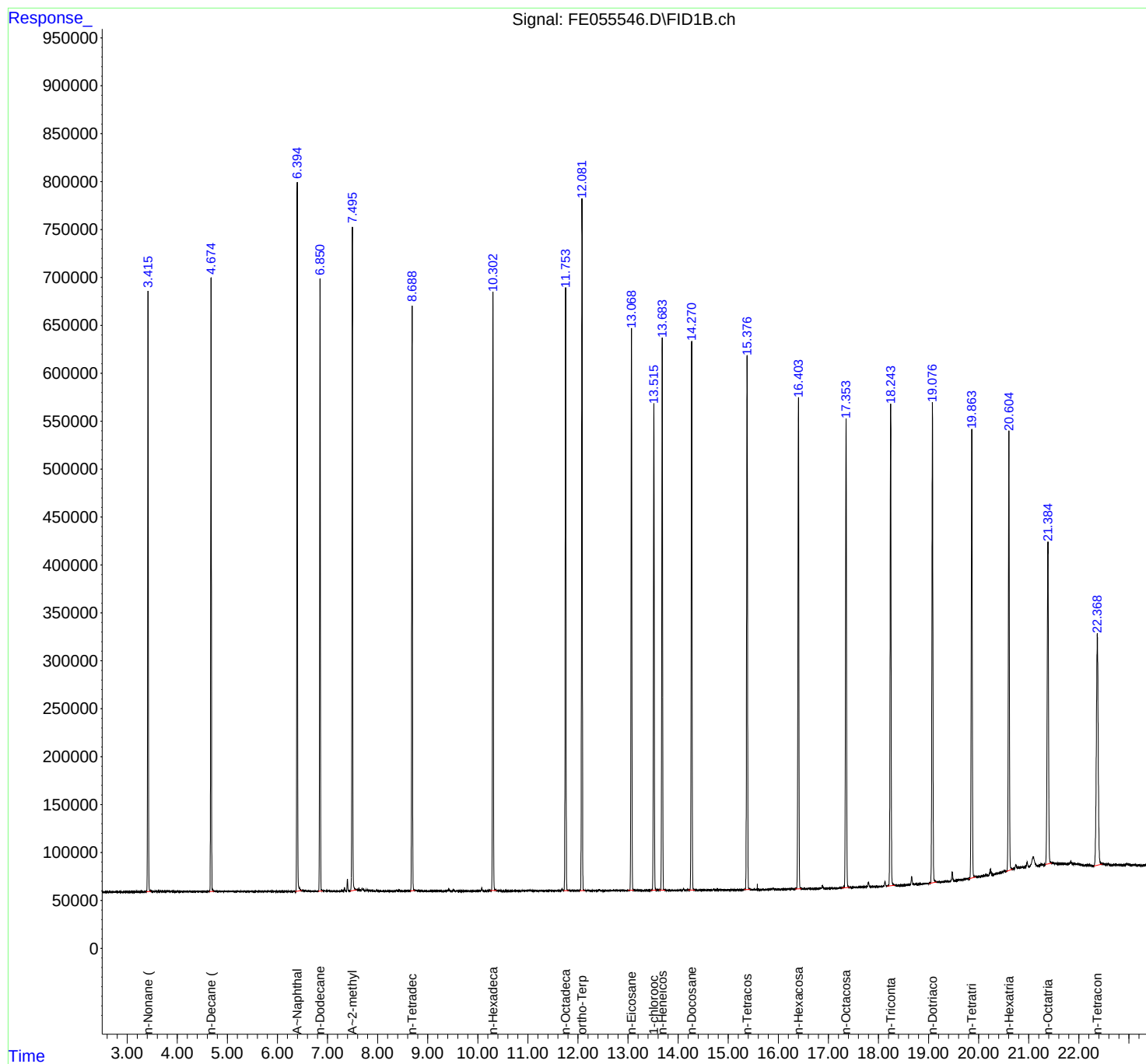
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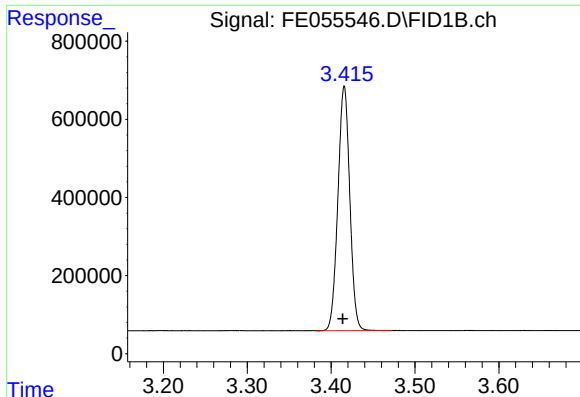
(m)=manual int.

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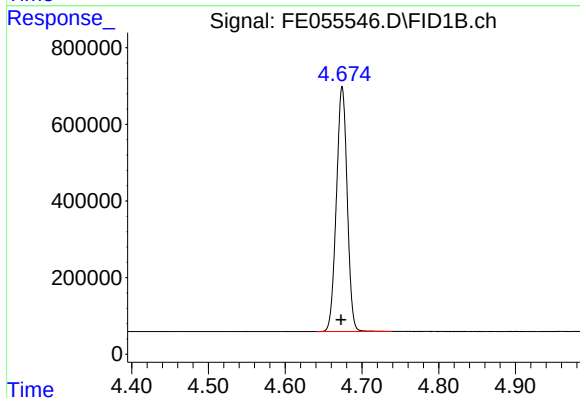
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





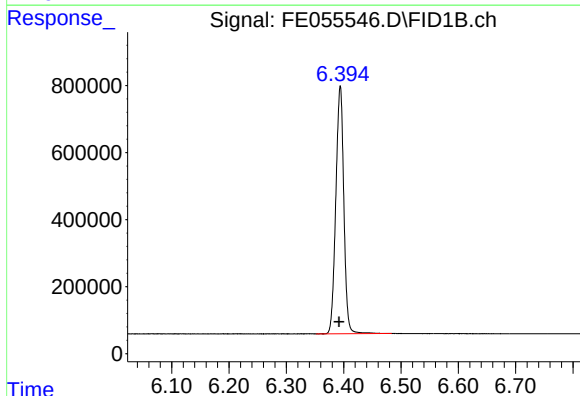
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: 0.002 min
Response: 6168124
Conc: 48.75 ug/ml



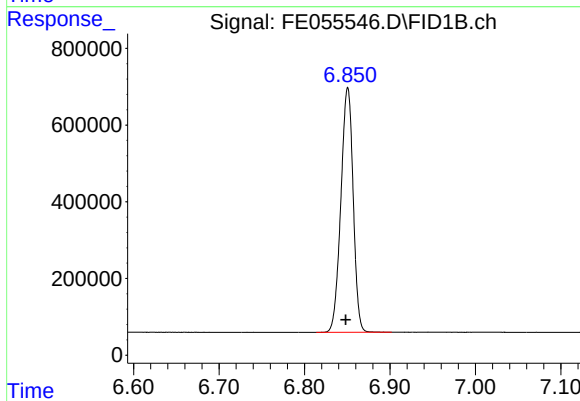
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 6258750
Conc: 49.06 ug/ml



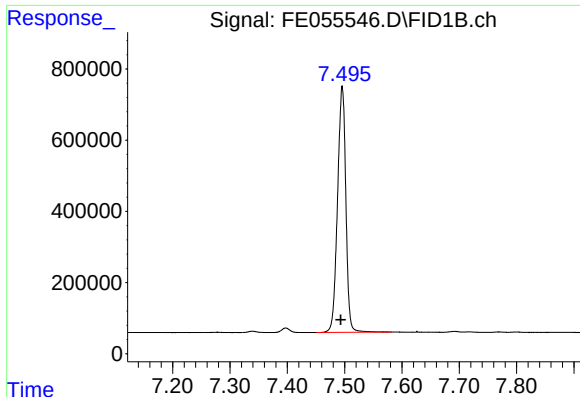
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 7168456
Conc: 49.01 ug/ml



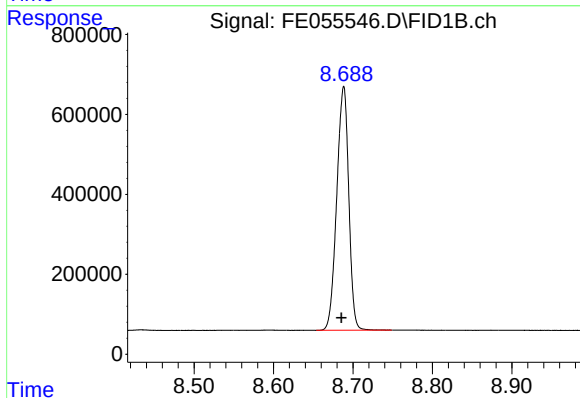
#4 n-Dodecane (C12)

R.T.: 6.851 min
Delta R.T.: 0.002 min
Response: 6366363
Conc: 48.94 ug/ml



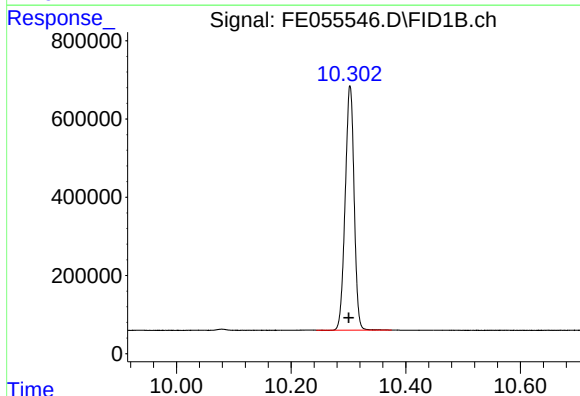
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: 0.002 min
Response: 6971341
Conc: 49.24 ug/ml



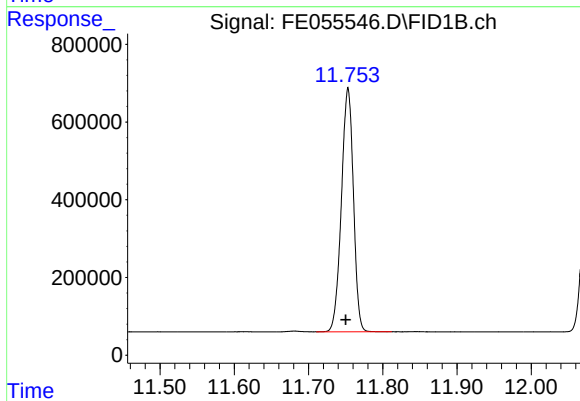
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 6399972
Conc: 48.78 ug/ml



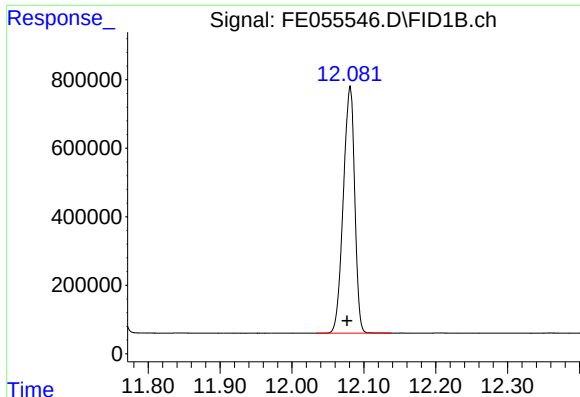
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: 0.003 min
Response: 6747569
Conc: 49.02 ug/ml



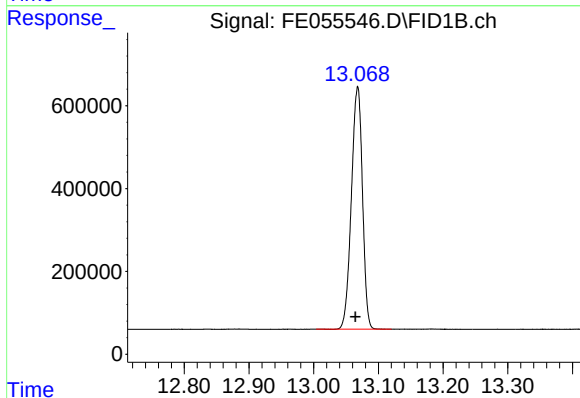
#8 n-Octadecane (C18)

R.T.: 11.753 min
Delta R.T.: 0.003 min
Response: 7052281
Conc: 48.55 ug/ml



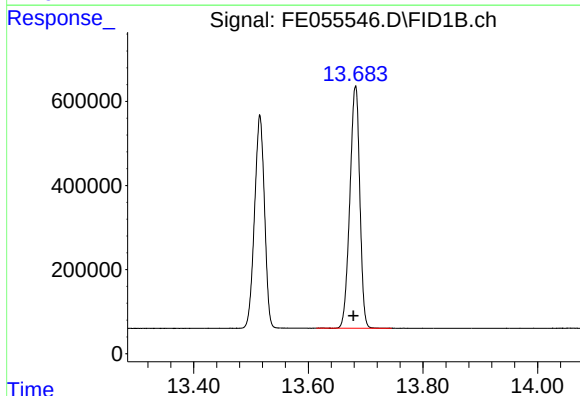
#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: 0.004 min
Response: 7933806
Conc: 48.42 ug/ml



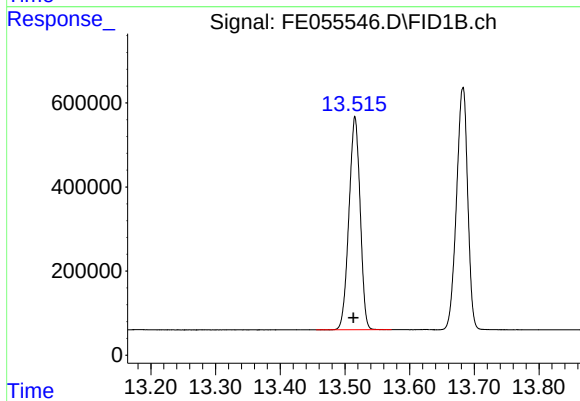
#10 n-Eicosane (C20)

R.T.: 13.068 min
Delta R.T.: 0.003 min
Response: 6959863
Conc: 48.59 ug/ml



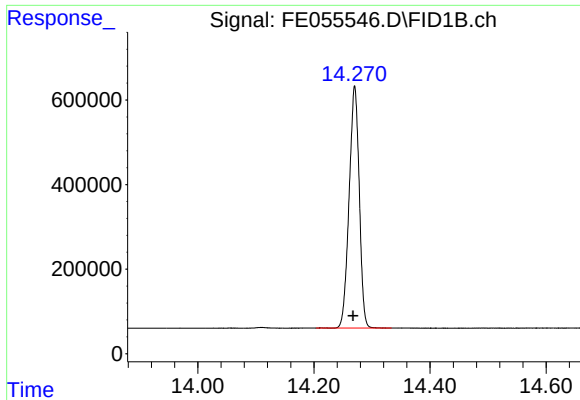
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: 0.003 min
Response: 6920011
Conc: 48.62 ug/ml



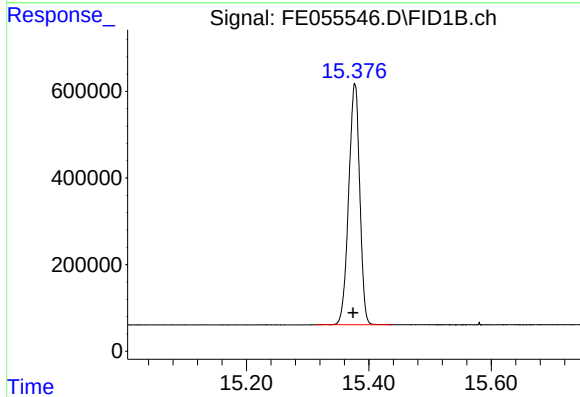
#12 1-chlorooctadecane (SURR)

R.T.: 13.516 min
Delta R.T.: 0.003 min
Response: 6092142
Conc: 48.76 ug/ml



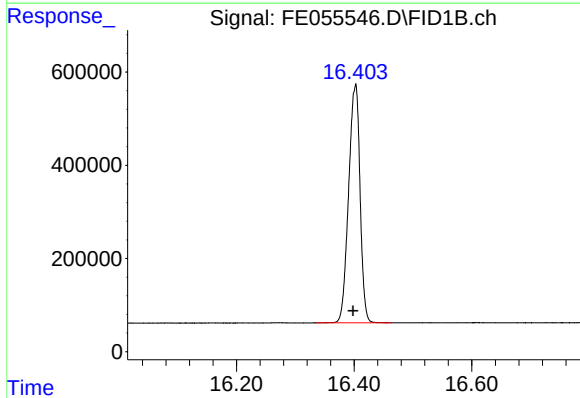
#13 n-Docosane (C22)

R.T.: 14.270 min
Delta R.T.: 0.003 min
Response: 6934567
Conc: 48.60 ug/ml



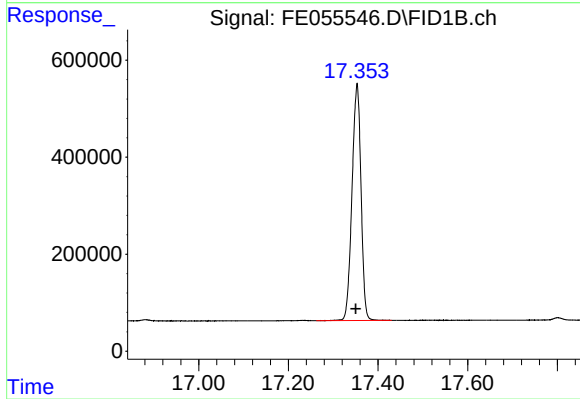
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: 0.002 min
Response: 6974373
Conc: 48.31 ug/ml



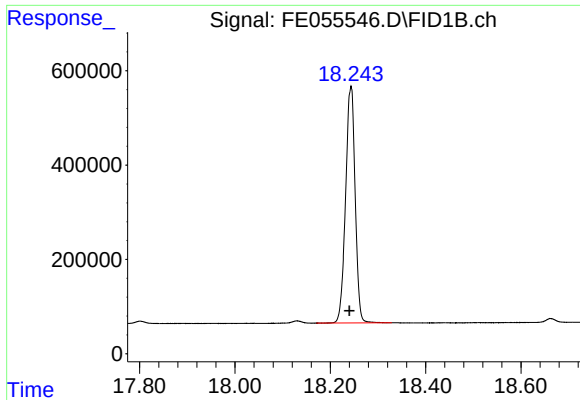
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: 0.003 min
Response: 6883971
Conc: 48.32 ug/ml



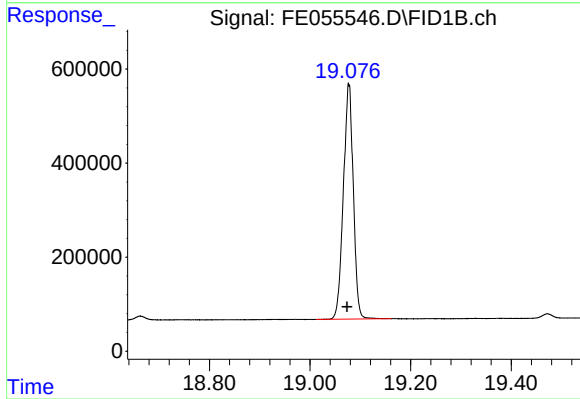
#16 n-Octacosane (C28)

R.T.: 17.353 min
Delta R.T.: 0.003 min
Response: 6797291
Conc: 48.08 ug/ml



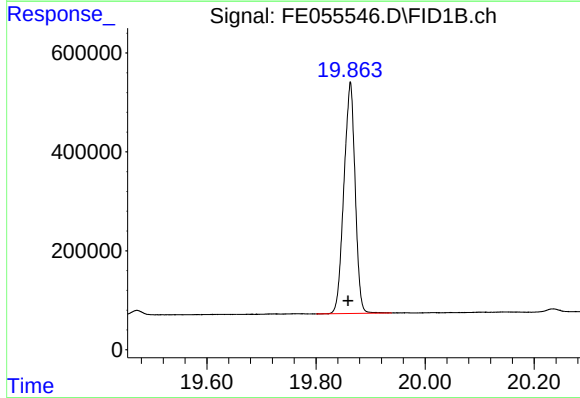
#17 n-Tricontane (C30)

R.T.: 18.243 min
Delta R.T.: 0.003 min
Response: 6954737
Conc: 47.41 ug/ml



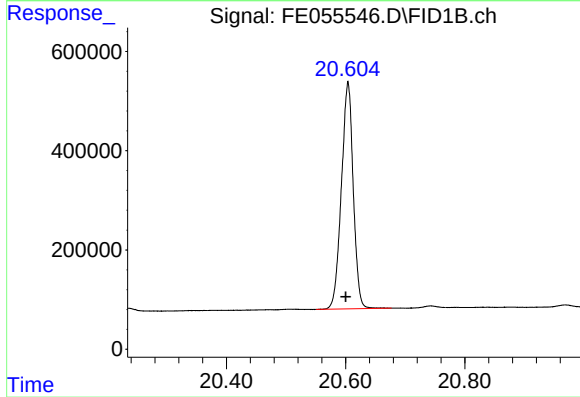
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: 0.003 min
Response: 6869783
Conc: 47.04 ug/ml



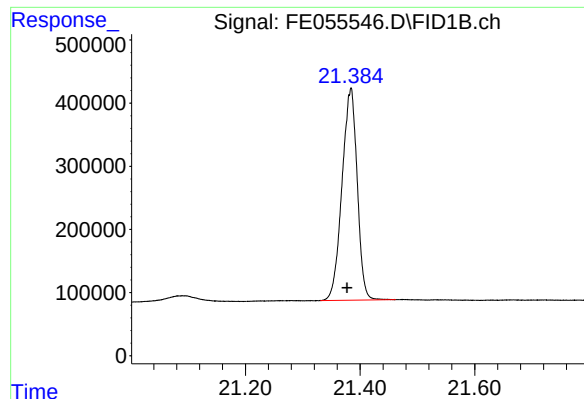
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: 0.004 min
Response: 6674365
Conc: 47.51 ug/ml



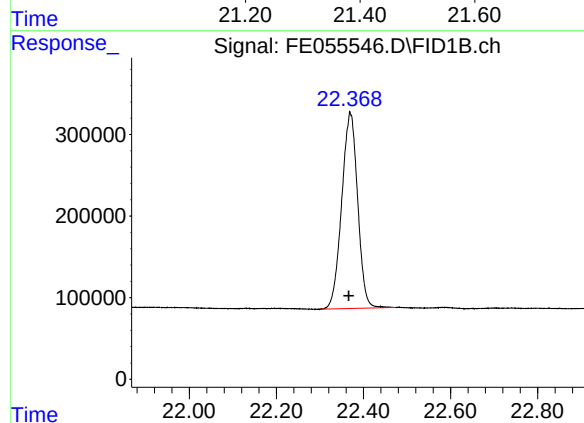
#20 n-Hexatriacontane (C36)

R.T.: 20.604 min
Delta R.T.: 0.003 min
Response: 6315211
Conc: 48.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: 0.006 min
Response: 6168238
Conc: 48.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.370 min
Delta R.T.: 0.004 min
Response: 6109031
Conc: 49.80 ug/ml