

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091525AL\
 Data File : FE055824.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2025 13:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 16 01:23:57 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	2993181	18.220 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
12) S 1-chlorooctadecane (S...	13.507	2239274	17.908 ug/ml
Spiked Amount 50.000		Recovery =	35.82%
Target Compounds			
1) T n-Nonane (C9)	3.411	2178532	17.167 ug/ml
2) T n-Decane (C10)	4.669	2363432	18.450 ug/ml
3) T A~Naphthalene (C11.7)	6.388	2646595	18.216 ug/ml
4) T n-Dodecane (C12)	6.844	2455883	18.861 ug/ml
5) T A~2-methylnaphthalene...	7.488	2590713	18.420 ug/ml
6) T n-Tetradecane (C14)	8.680	2511191	19.068 ug/ml
7) T n-Hexadecane (C16)	10.295	2667597	19.261 ug/ml
8) T n-Octadecane (C18)	11.744	2771828	19.003 ug/ml
10) T n-Eicosane (C20)	13.059	2669640	18.546 ug/ml
11) T n-Heneicosane (C21)	13.673	2596931	18.180 ug/ml
13) T n-Docosane (C22)	14.261	2572657	17.972 ug/ml
14) T n-Tetracosane (C24)	15.368	2579556	17.827 ug/ml
15) T n-Hexacosane (C26)	16.391	2494717	17.462 ug/ml
16) T n-Octacosane (C28)	17.344	2561180	18.006 ug/ml
17) T n-Tricontane (C30)	18.234	2864670	19.380 ug/ml
18) T n-Dotriacontane (C32)	19.068	3046291	20.755 ug/ml
19) T n-Tetratriacontane (C34)	19.853	2822157	19.975 ug/ml
20) T n-Hexatriacontane (C36)	20.594	2509578	19.018 ug/ml
21) T n-Octatriacontane (C38)	21.370	2334752	17.927 ug/ml
22) T n-Tetracontane (C40)	22.352	2157971	16.828 ug/ml

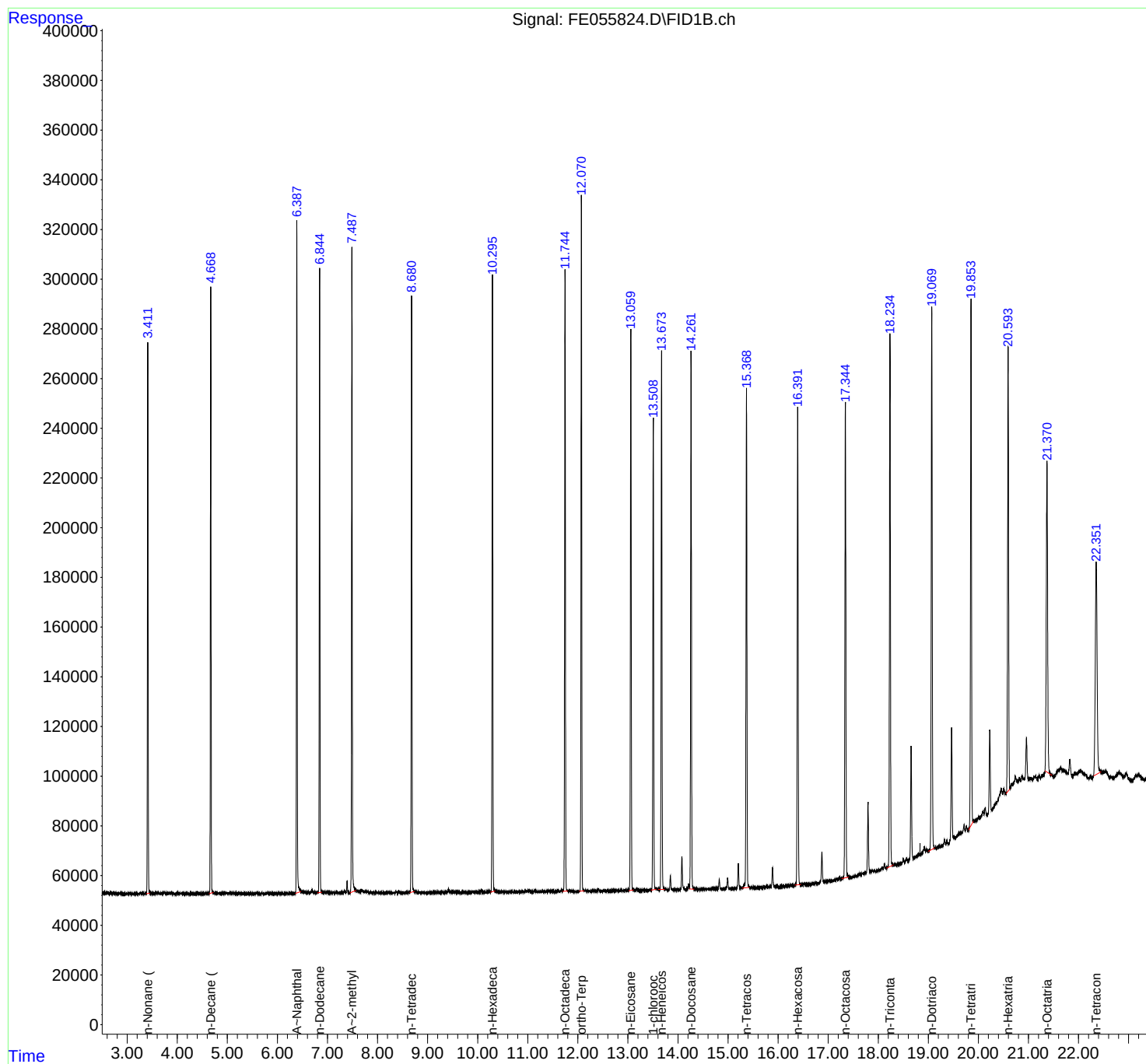
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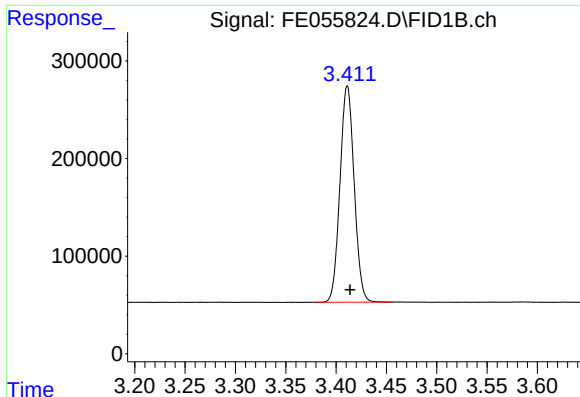
(m)=manual int.

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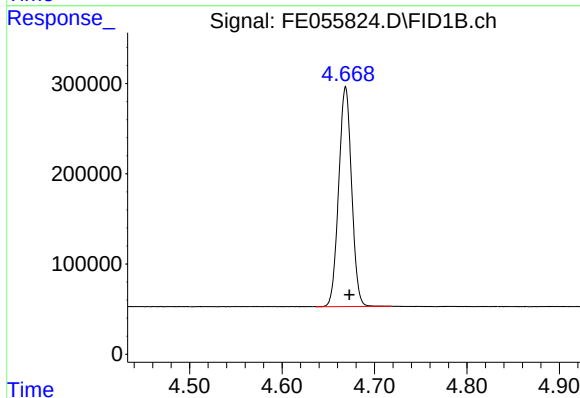
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Signal Info : 20M x 0.18mm x 0.18um





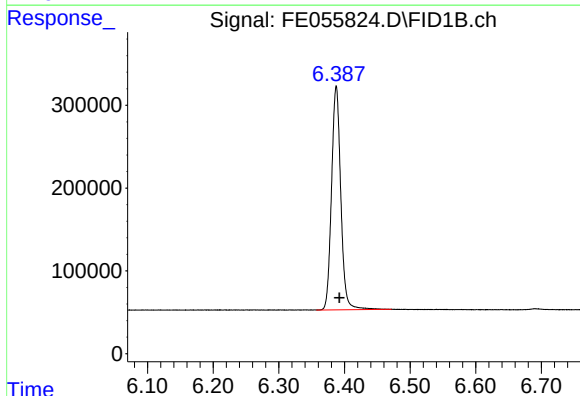
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 2178532
Conc: 17.17 ug/ml



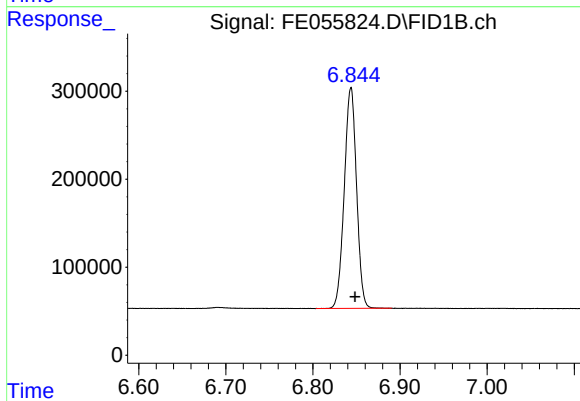
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: -0.004 min
Response: 2363432
Conc: 18.45 ug/ml



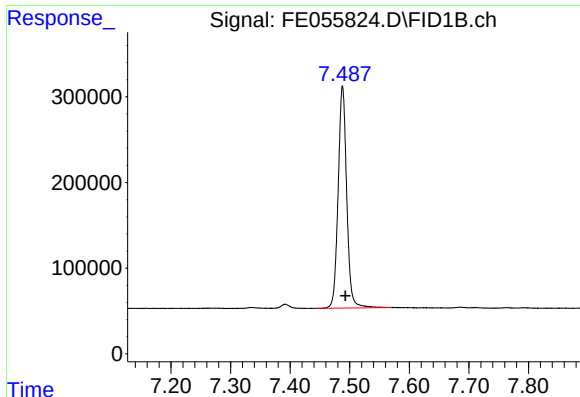
#3 A~Naphthalene (C11.7)

R.T.: 6.388 min
Delta R.T.: -0.005 min
Response: 2646595
Conc: 18.22 ug/ml



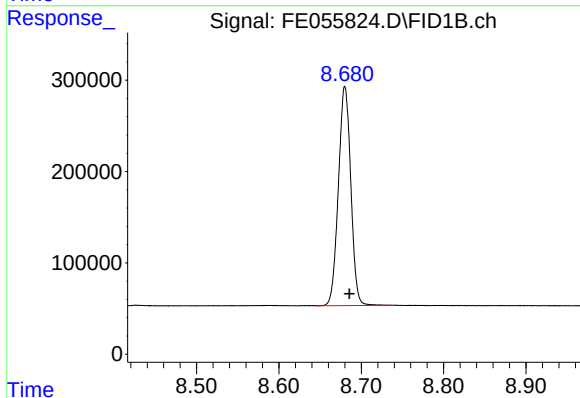
#4 n-Dodecane (C12)

R.T.: 6.844 min
Delta R.T.: -0.005 min
Response: 2455883
Conc: 18.86 ug/ml



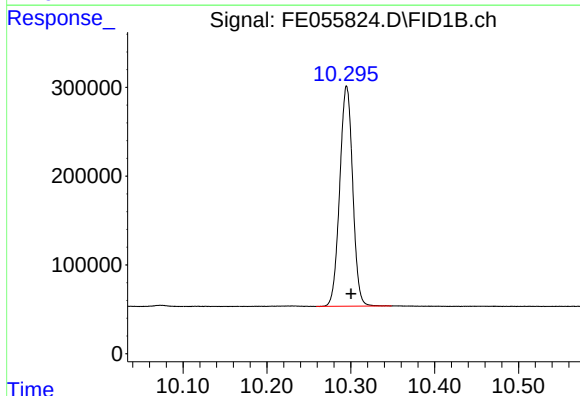
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 2590713
Conc: 18.42 ug/ml



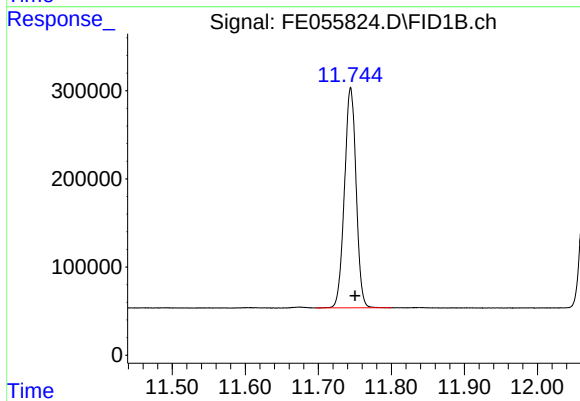
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: -0.005 min
Response: 2511191
Conc: 19.07 ug/ml



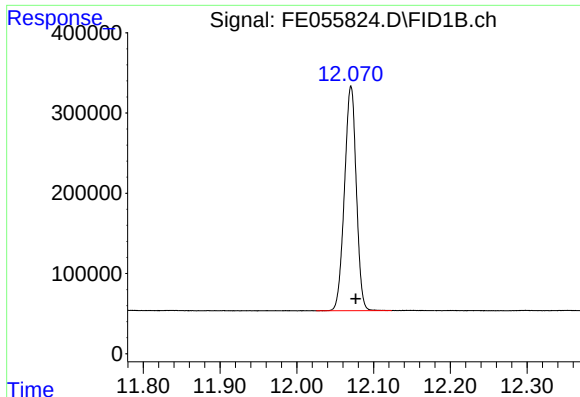
#7 n-Hexadecane (C16)

R.T.: 10.295 min
Delta R.T.: -0.005 min
Response: 2667597
Conc: 19.26 ug/ml



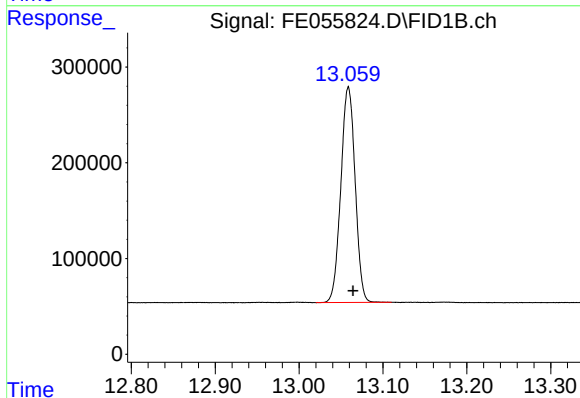
#8 n-Octadecane (C18)

R.T.: 11.744 min
Delta R.T.: -0.006 min
Response: 2771828
Conc: 19.00 ug/ml



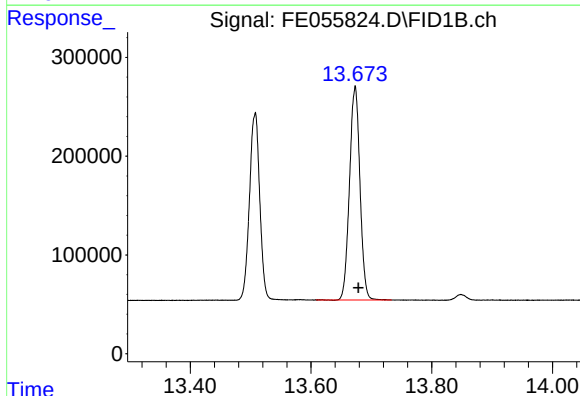
#9 ortho-Terphenyl (SURR)

R.T.: 12.070 min
Delta R.T.: -0.006 min
Response: 2993181
Conc: 18.22 ug/ml



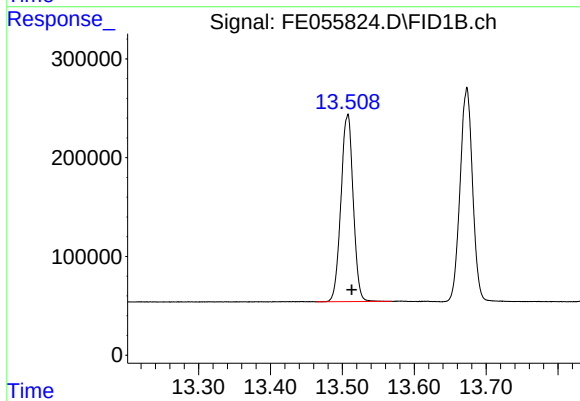
#10 n-Eicosane (C20)

R.T.: 13.059 min
Delta R.T.: -0.006 min
Response: 2669640
Conc: 18.55 ug/ml



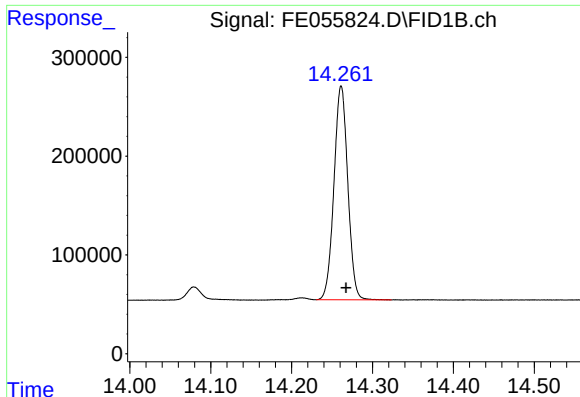
#11 n-Heneicosane (C21)

R.T.: 13.673 min
Delta R.T.: -0.006 min
Response: 2596931
Conc: 18.18 ug/ml



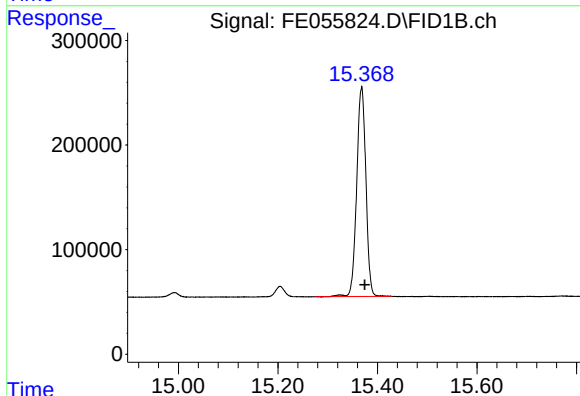
#12 1-chlorooctadecane (SURR)

R.T.: 13.507 min
Delta R.T.: -0.006 min
Response: 2239274
Conc: 17.91 ug/ml



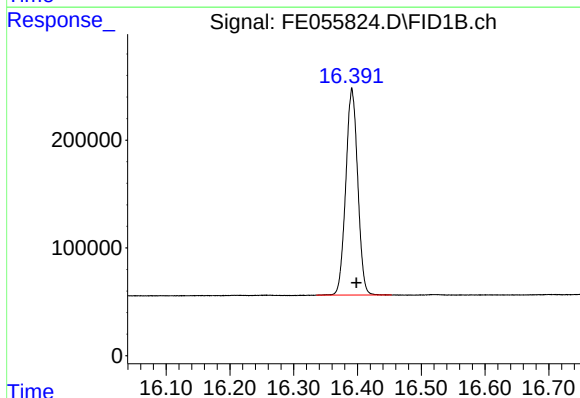
#13 n-Docosane (C22)

R.T.: 14.261 min
Delta R.T.: -0.006 min
Response: 2572657
Conc: 17.97 ug/ml



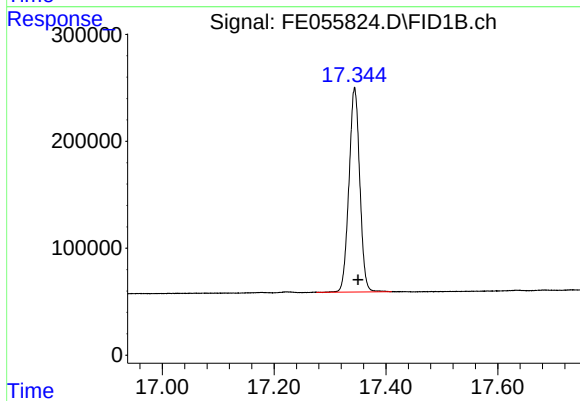
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: -0.006 min
Response: 2579556
Conc: 17.83 ug/ml



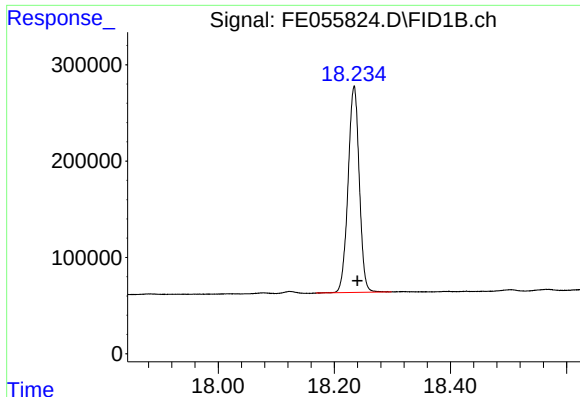
#15 n-Hexacosane (C26)

R.T.: 16.391 min
Delta R.T.: -0.007 min
Response: 2494717
Conc: 17.46 ug/ml



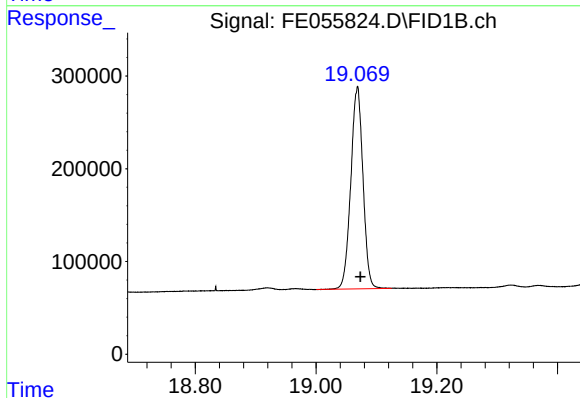
#16 n-Octacosane (C28)

R.T.: 17.344 min
Delta R.T.: -0.006 min
Response: 2561180
Conc: 18.01 ug/ml



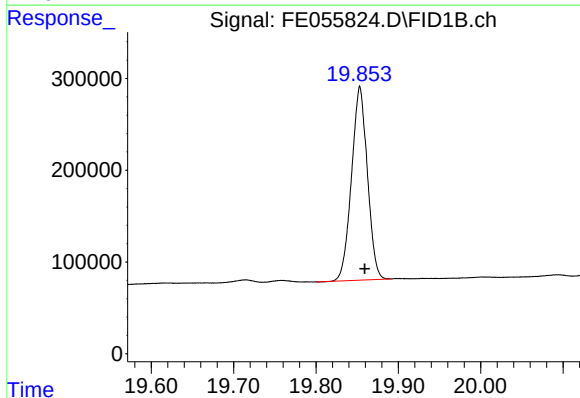
#17 n-Tricontane (C30)

R.T.: 18.234 min
Delta R.T.: -0.006 min
Response: 2864670
Conc: 19.38 ug/ml



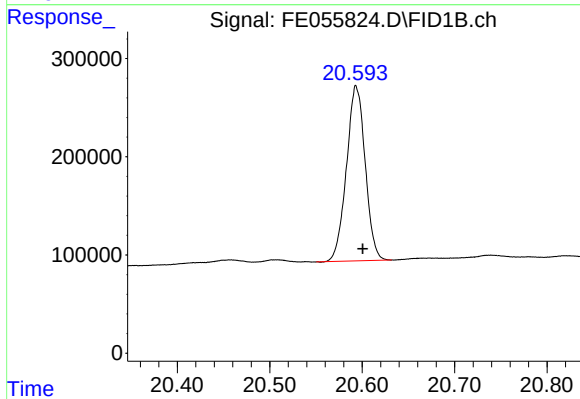
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: -0.005 min
Response: 3046291
Conc: 20.75 ug/ml



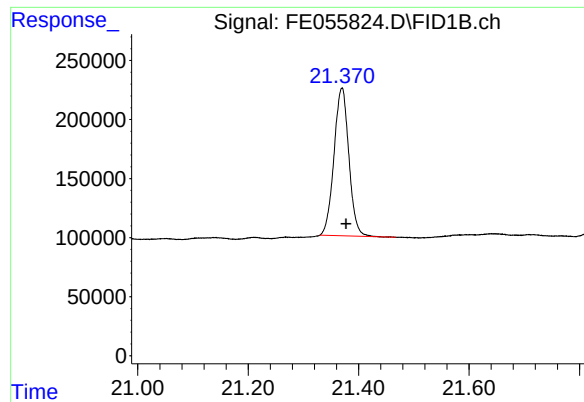
#19 n-Tetatriacontane (C34)

R.T.: 19.853 min
Delta R.T.: -0.006 min
Response: 2822157
Conc: 19.97 ug/ml



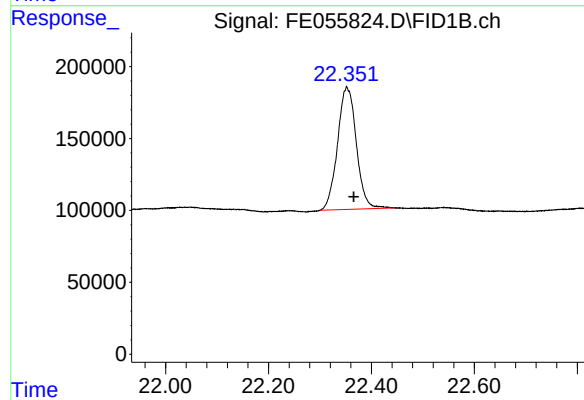
#20 n-Hexatriacontane (C36)

R.T.: 20.594 min
Delta R.T.: -0.007 min
Response: 2509578
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.370 min
Delta R.T.: -0.008 min
Response: 2334752
Conc: 17.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.352 min
Delta R.T.: -0.014 min
Response: 2157971
Conc: 16.83 ug/ml