

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012423AL\
 Data File : FE040011.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jan 2023 22:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 24 23:52:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 2023
 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)	11.903	3012778	19.619 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
12) S 1-chlorooctadecane (S...	13.340	2296189	19.676 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
Target Compounds			
1) T n-Nonane (C9)	3.301	2627794	20.702 ug/ml
2) T n-Decane (C10)	4.548	2587235	20.833 ug/ml
3) T A~Naphthalene (C11.7)	6.250	2841021	20.145 ug/ml
4) T n-Dodecane (C12)	6.712	2618918	20.830 ug/ml
5) T A~2-methylnaphthalene...	7.345	2662774	20.330 ug/ml
6) T n-Tetradecane (C14)	8.538	2655372	20.646 ug/ml
7) T n-Hexadecane (C16)	10.144	2737955	20.295 ug/ml
8) T n-Octadecane (C18)	11.586	2793584	19.936 ug/ml
10) T n-Eicosane (C20)	12.894	2729783	19.702 ug/ml
11) T n-Heneicosane (C21)	13.507	2731013	19.571 ug/ml
13) T n-Docosane (C22)	14.094	2717238	19.576 ug/ml
14) T n-Tetracosane (C24)	15.197	2751085	19.982 ug/ml
15) T n-Hexacosane (C26)	16.218	2649100	19.849 ug/ml
16) T n-Octacosane (C28)	17.166	2673913	20.541 ug/ml
17) T n-Tricontane (C30)	18.054	2671460	20.948 ug/ml
18) T n-Dotriacontane (C32)	18.887	2686160	21.248 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2541876	20.571 ug/ml
20) T n-Hexatriacontane (C36)	20.412	2385736	20.236 ug/mlm
21) T n-Octatriacontane (C38)	21.145	2348218	19.647 ug/ml
22) T n-Tetracontane (C40)	22.042	2368727	19.517 ug/ml

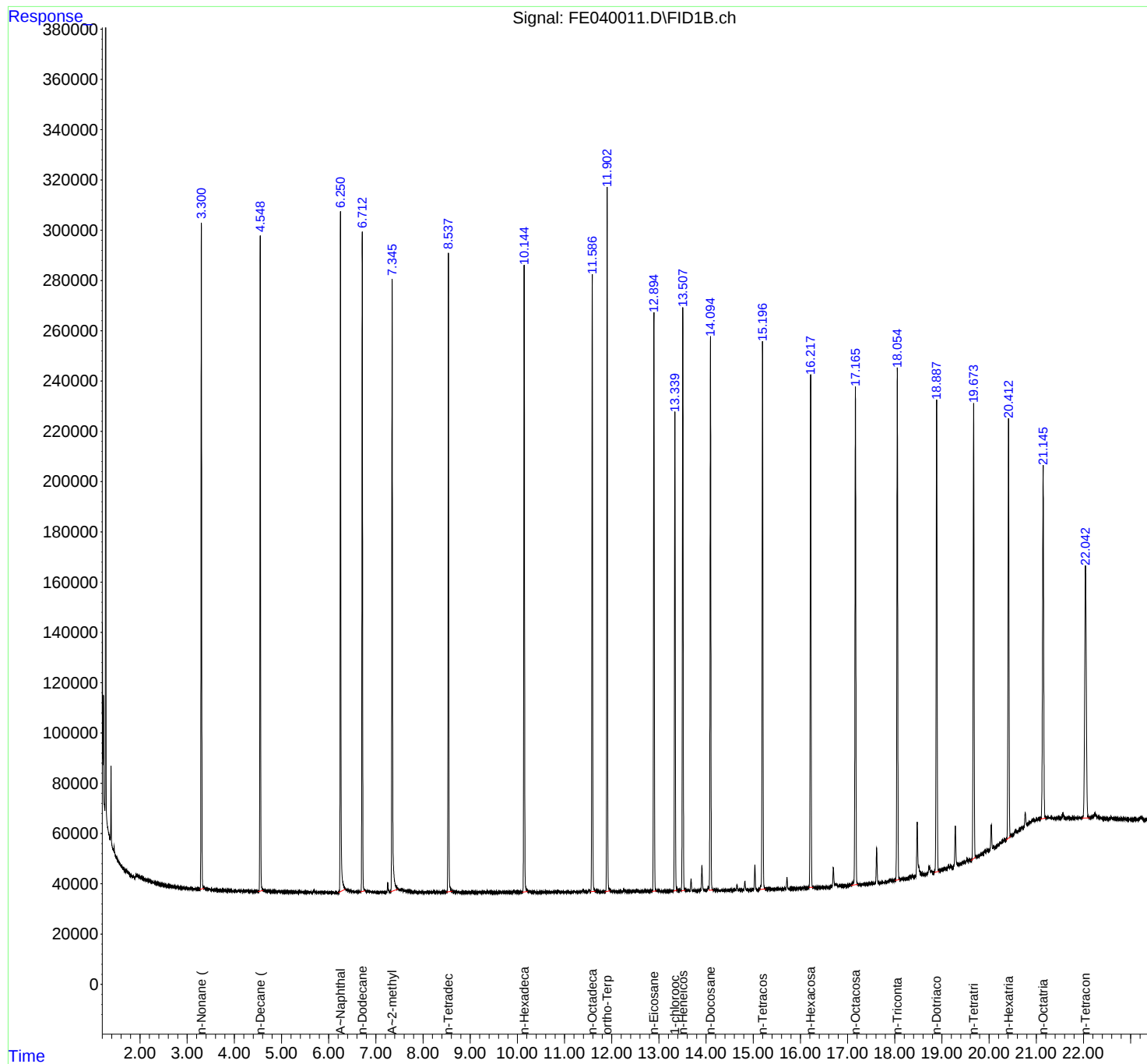
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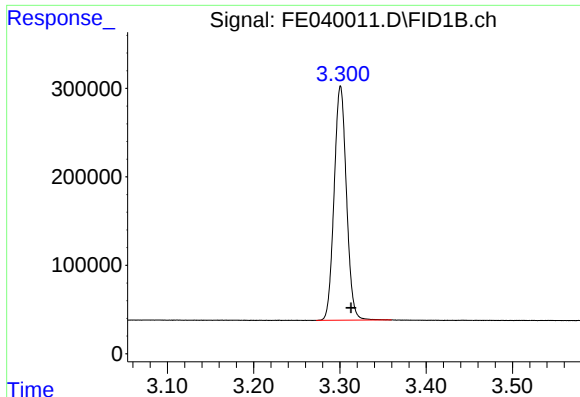
(m)=manual int.

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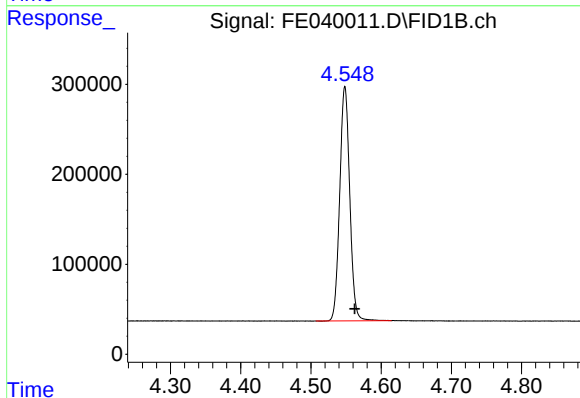
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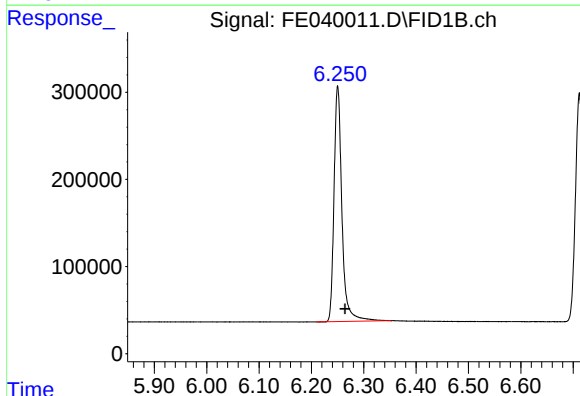
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.012 min
Response: 2627794
Conc: 20.70 ug/ml



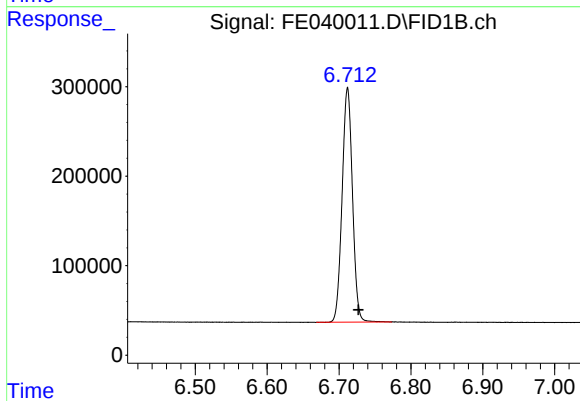
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.014 min
Response: 2587235
Conc: 20.83 ug/ml



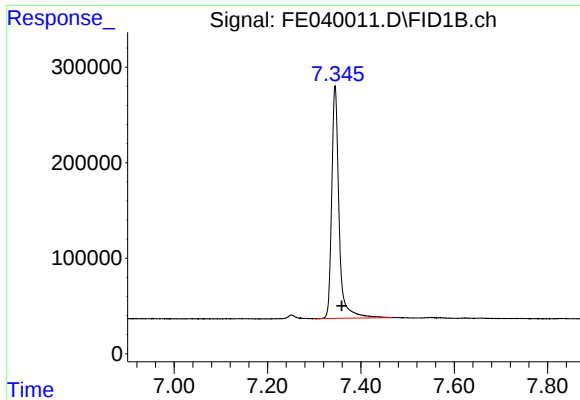
#3 A~Naphthalene (C11.7)

R.T.: 6.250 min
Delta R.T.: -0.014 min
Response: 2841021
Conc: 20.15 ug/ml



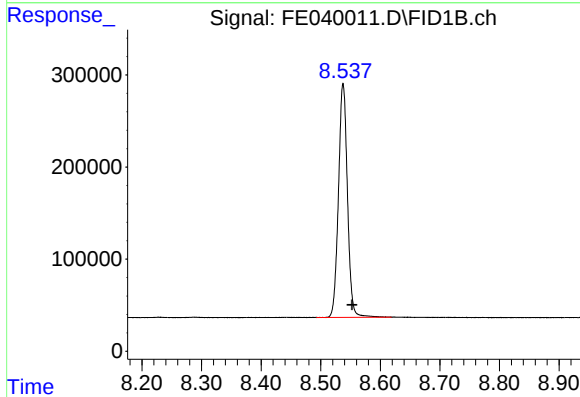
#4 n-Dodecane (C12)

R.T.: 6.712 min
Delta R.T.: -0.015 min
Response: 2618918
Conc: 20.83 ug/ml



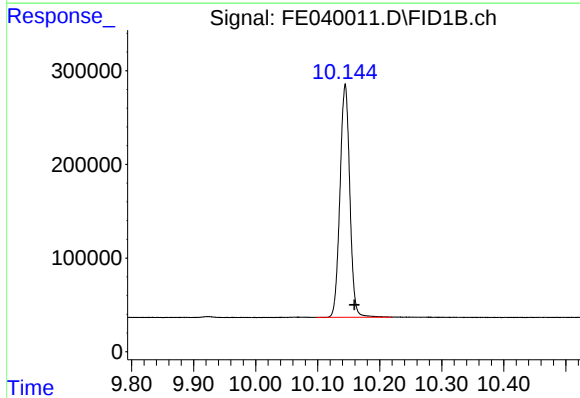
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.345 min
Delta R.T.: -0.014 min
Response: 2662774
Conc: 20.33 ug/ml



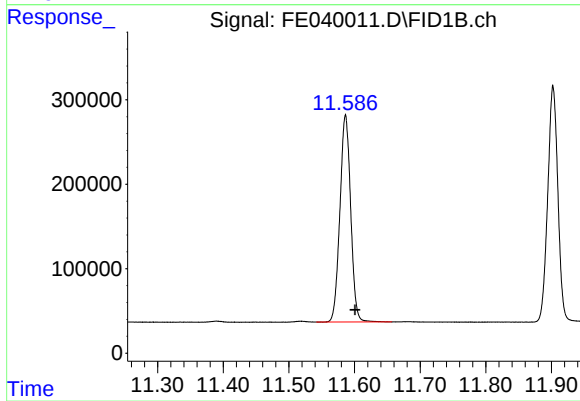
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.015 min
Response: 2655372
Conc: 20.65 ug/ml



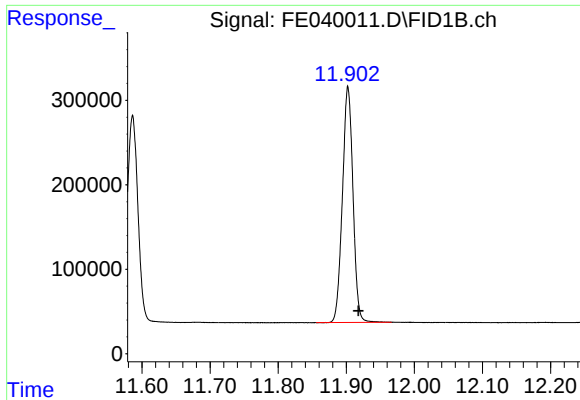
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.015 min
Response: 2737955
Conc: 20.30 ug/ml



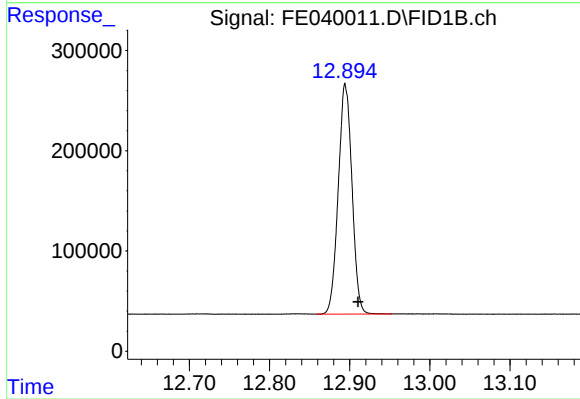
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.015 min
Response: 2793584
Conc: 19.94 ug/ml



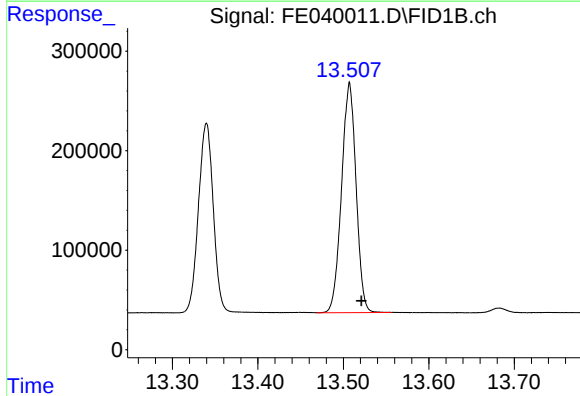
#9 ortho-Terphenyl (SURR)

R.T.: 11.903 min
Delta R.T.: -0.015 min
Response: 3012778
Conc: 19.62 ug/ml



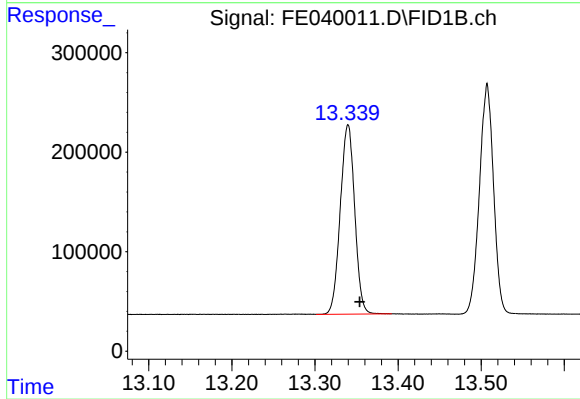
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.016 min
Response: 2729783
Conc: 19.70 ug/ml



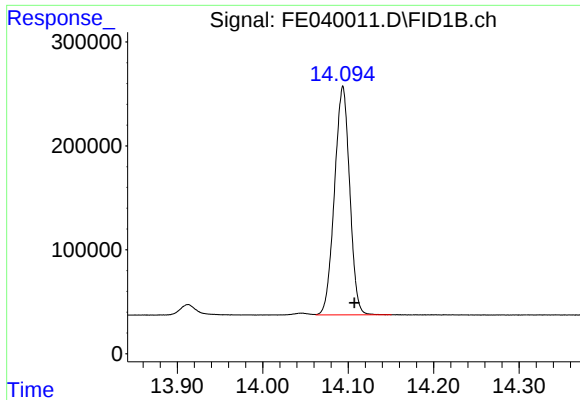
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.014 min
Response: 2731013
Conc: 19.57 ug/ml



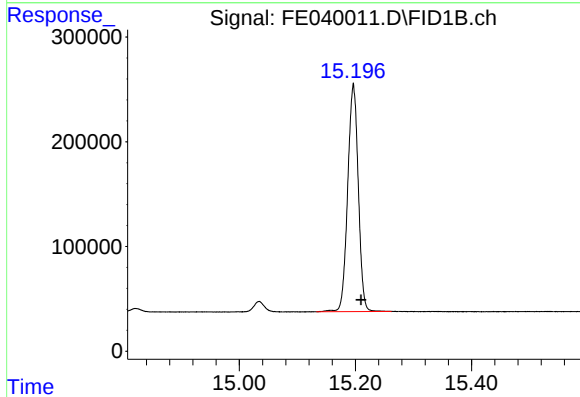
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.014 min
Response: 2296189
Conc: 19.68 ug/ml



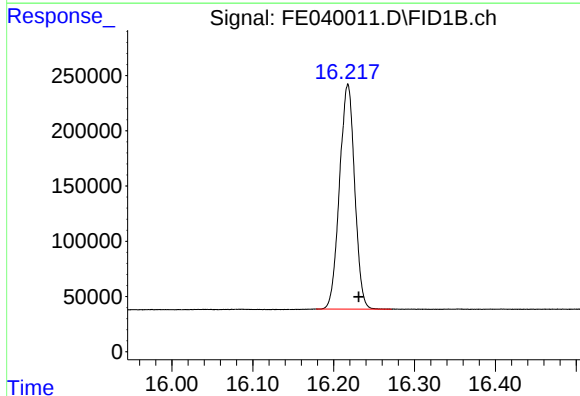
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.014 min
Response: 2717238
Conc: 19.58 ug/ml



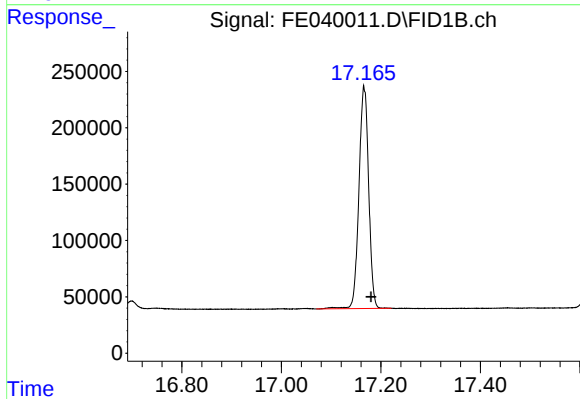
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.013 min
Response: 2751085
Conc: 19.98 ug/ml



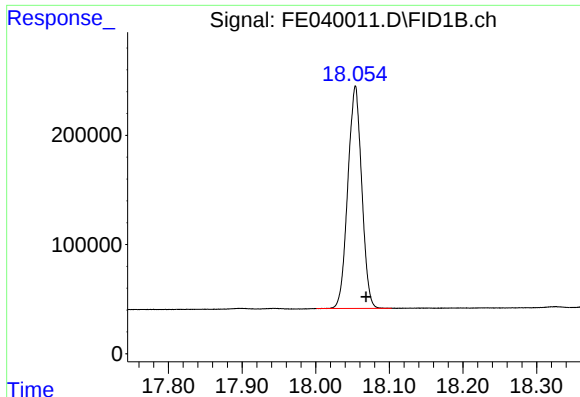
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.014 min
Response: 2649100
Conc: 19.85 ug/ml



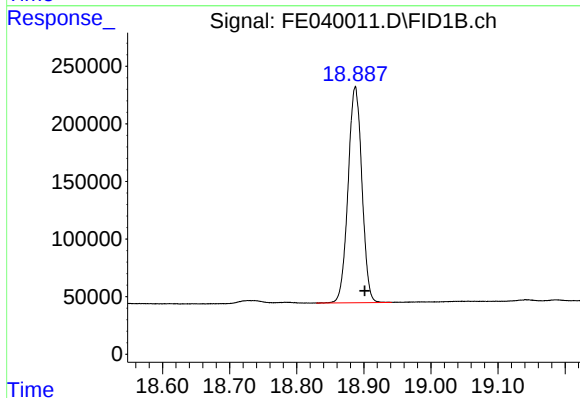
#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: -0.014 min
Response: 2673913
Conc: 20.54 ug/ml



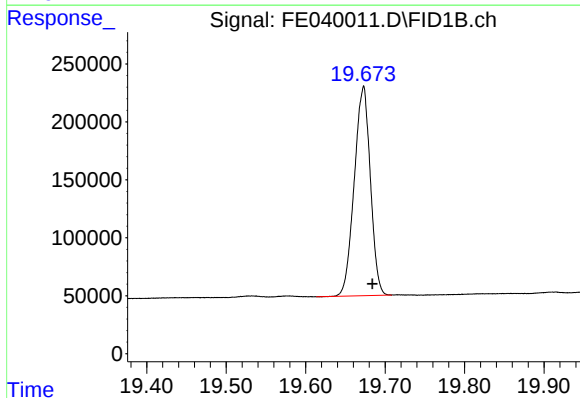
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.015 min
Response: 2671460
Conc: 20.95 ug/ml



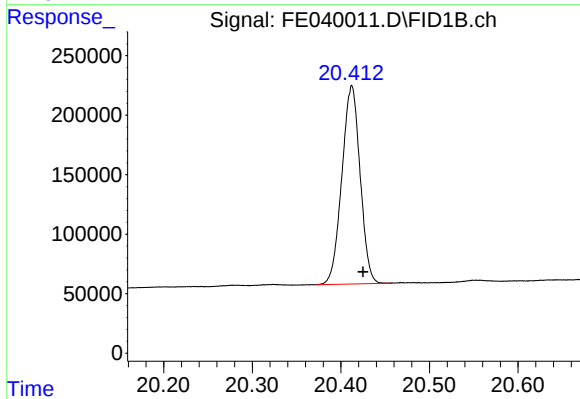
#18 n-Dotriacontane (C32)

R.T.: 18.887 min
Delta R.T.: -0.014 min
Response: 2686160
Conc: 21.25 ug/ml



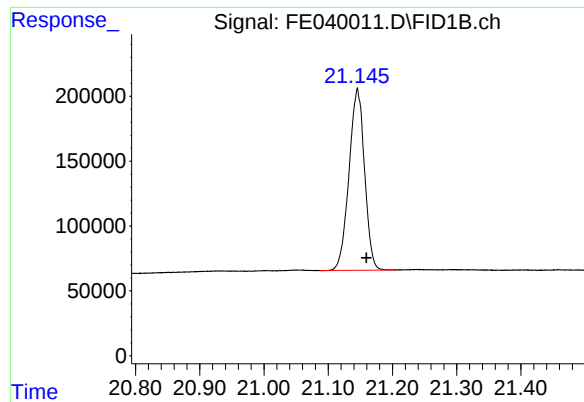
#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: -0.011 min
Response: 2541876
Conc: 20.57 ug/ml



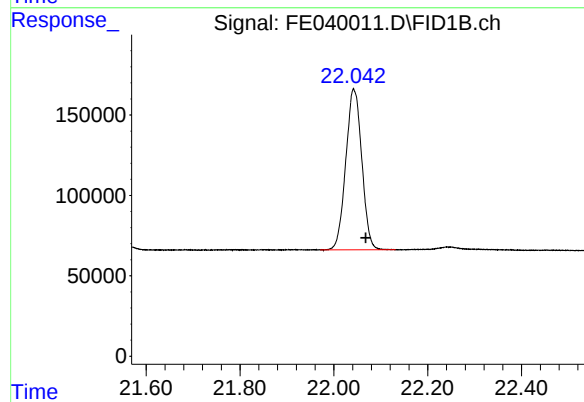
#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: -0.013 min
Response: 2385736
Conc: 20.24 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: -0.014 min
Response: 2348218
Conc: 19.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.042 min
Delta R.T.: -0.026 min
Response: 2368727
Conc: 19.52 ug/ml