

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011223AL\
 Data File : FE039745.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jan 2023 08:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 11 14:04:19 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)	11.924	3276147	21.334 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
12) S 1-chlorooctadecane (S...	13.359	2533884	21.713 ug/ml
Spiked Amount 50.000		Recovery =	43.43%
Target Compounds			
1) T n-Nonane (C9)	3.316	2770417	21.825 ug/ml
2) T n-Decane (C10)	4.566	2724298	21.937 ug/ml
3) T A~Naphthalene (C11.7)	6.270	3099995	21.982 ug/ml
4) T n-Dodecane (C12)	6.730	2768063	22.016 ug/ml
5) T A~2-methylnaphthalene...	7.365	2918783	22.284 ug/ml
6) T n-Tetradecane (C14)	8.556	2826327	21.975 ug/ml
7) T n-Hexadecane (C16)	10.163	2947154	21.846 ug/ml
8) T n-Octadecane (C18)	11.606	3033435	21.648 ug/ml
10) T n-Eicosane (C20)	12.915	2966725	21.412 ug/ml
11) T n-Heneicosane (C21)	13.527	2981022	21.363 ug/ml
13) T n-Docosane (C22)	14.113	2956735	21.302 ug/ml
14) T n-Tetracosane (C24)	15.217	2944961	21.390 ug/ml
15) T n-Hexacosane (C26)	16.238	2847181	21.333 ug/ml
16) T n-Octacosane (C28)	17.188	2787720	21.415 ug/ml
17) T n-Tricontane (C30)	18.076	2745980	21.533 ug/ml
18) T n-Dotriacontane (C32)	18.910	2718181	21.501 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2603851	21.072 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2650387	22.480 ug/ml
21) T n-Octatriacontane (C38)	21.169	2908151	24.332 ug/ml
22) T n-Tetracontane (C40)	22.079	2640534	21.756 ug/ml

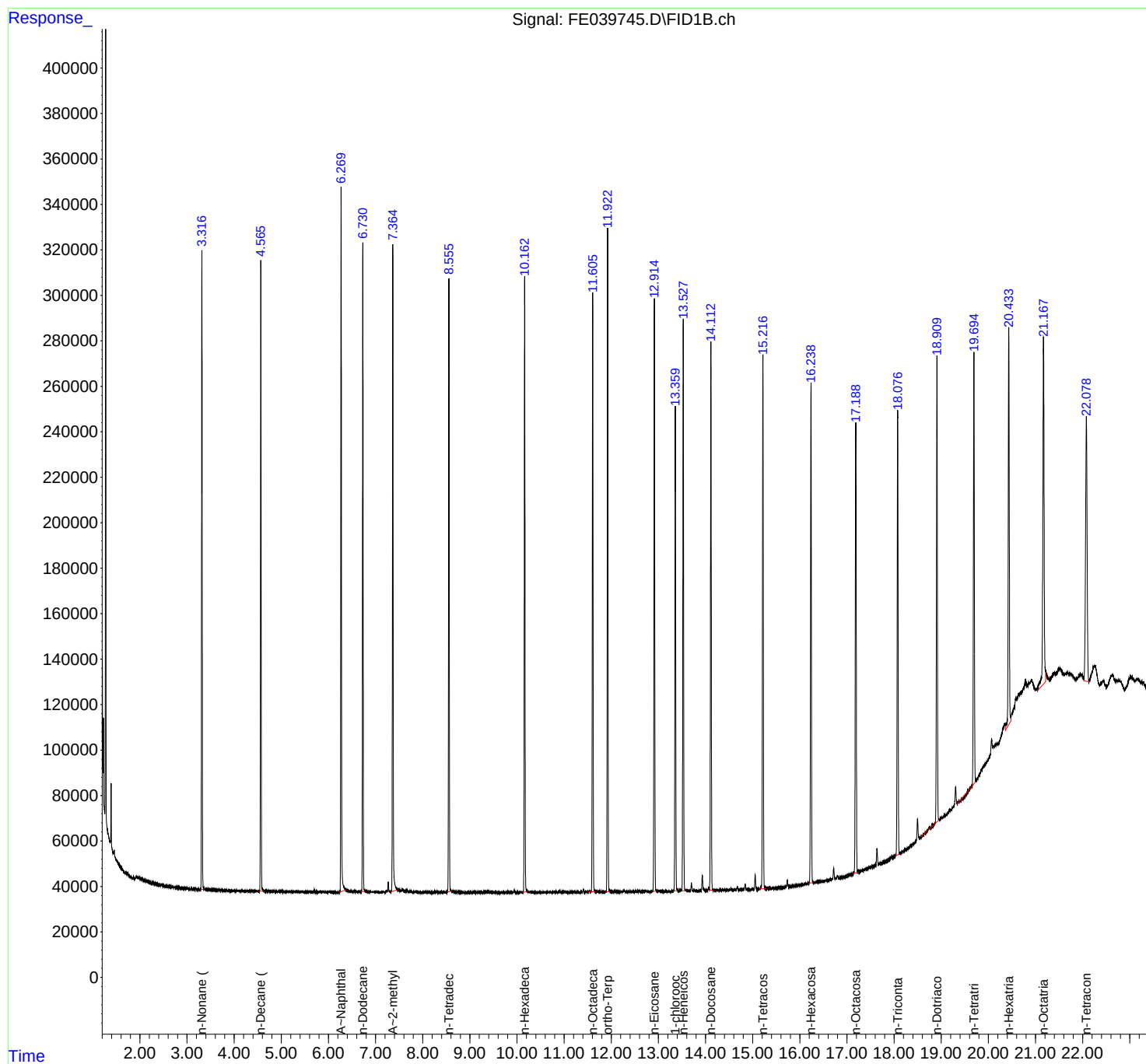
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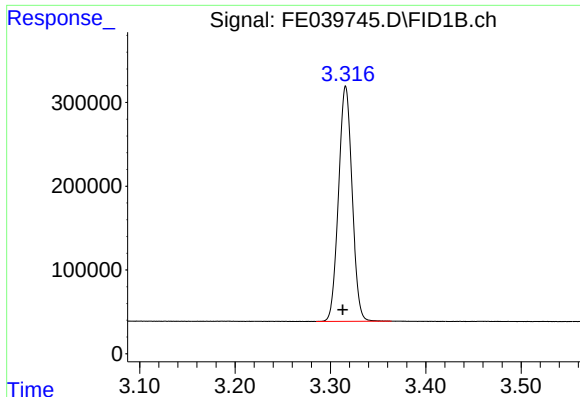
(m)=manual int.

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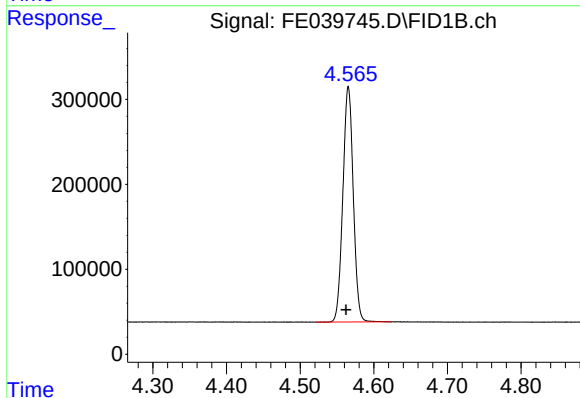
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Signal Info : 20M x 0.18mm x 0.18um





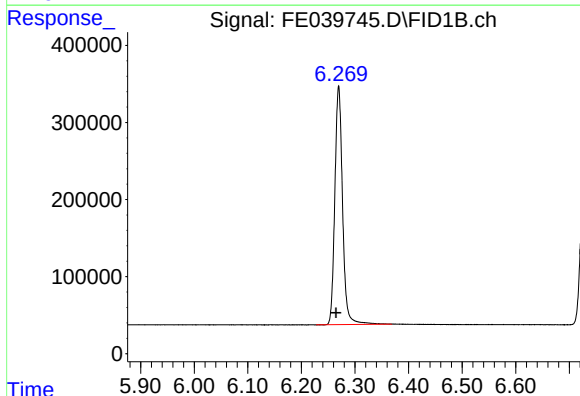
#1 n-Nonane (C9)

R.T.: 3.316 min
Delta R.T.: 0.003 min
Response: 2770417
Conc: 21.83 ug/ml



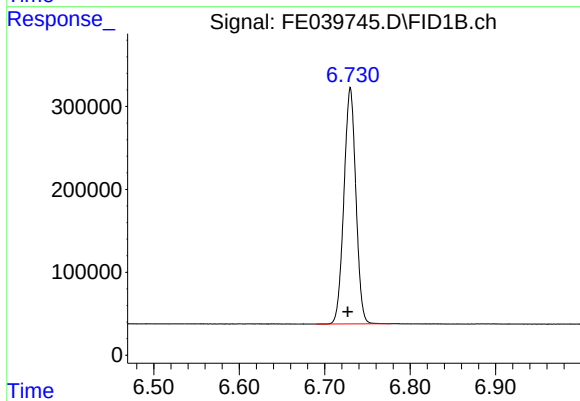
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.003 min
Response: 2724298
Conc: 21.94 ug/ml



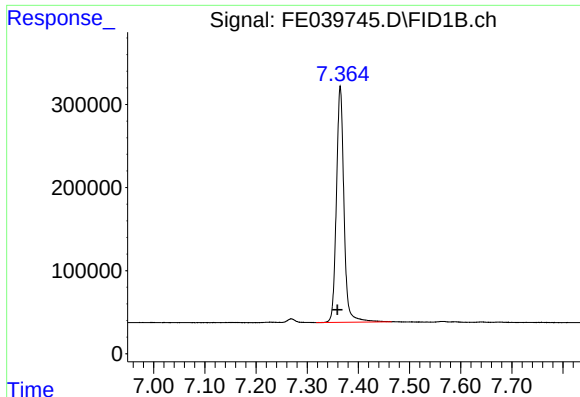
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.005 min
Response: 3099995
Conc: 21.98 ug/ml



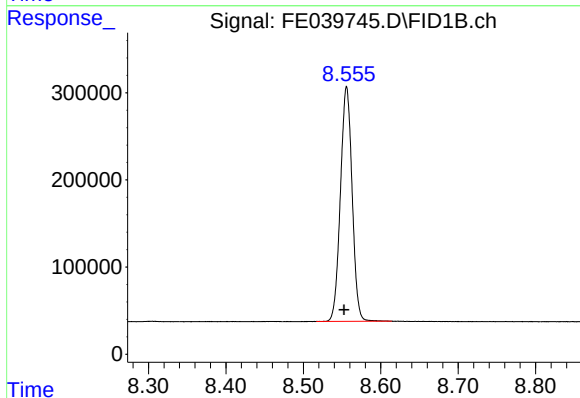
#4 n-Dodecane (C12)

R.T.: 6.730 min
Delta R.T.: 0.003 min
Response: 2768063
Conc: 22.02 ug/ml



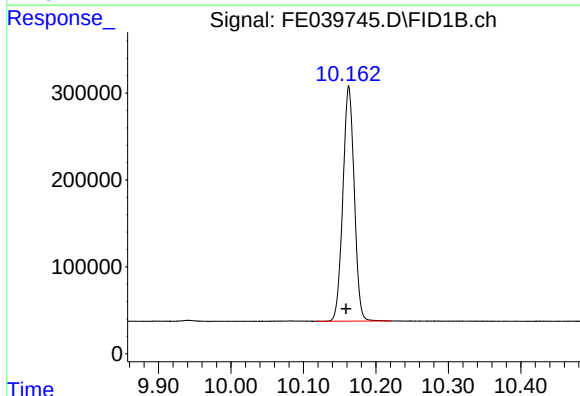
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.005 min
Response: 2918783
Conc: 22.28 ug/ml



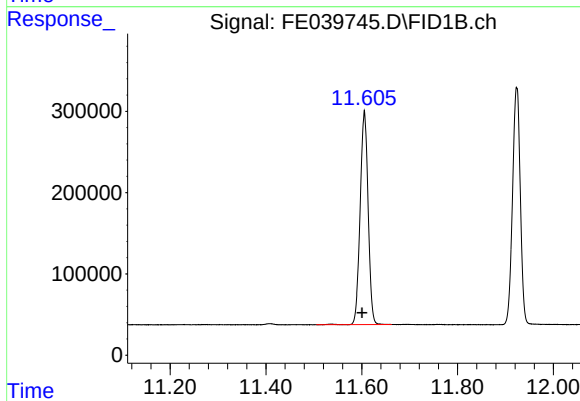
#6 n-Tetradecane (C14)

R.T.: 8.556 min
Delta R.T.: 0.003 min
Response: 2826327
Conc: 21.98 ug/ml



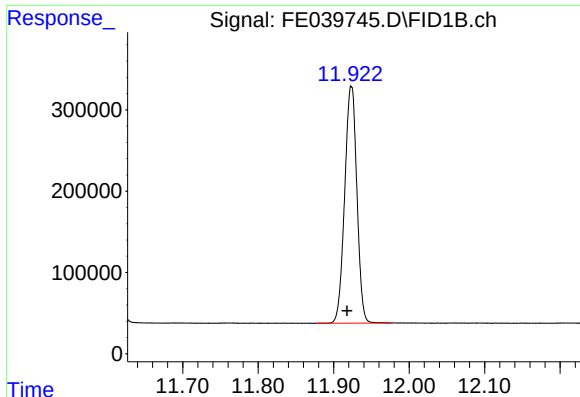
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.004 min
Response: 2947154
Conc: 21.85 ug/ml



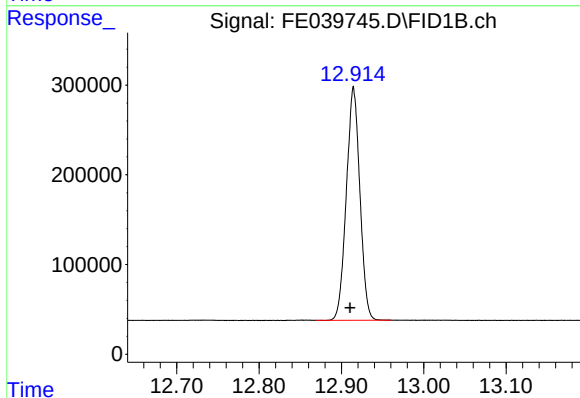
#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: 0.005 min
Response: 3033435
Conc: 21.65 ug/ml



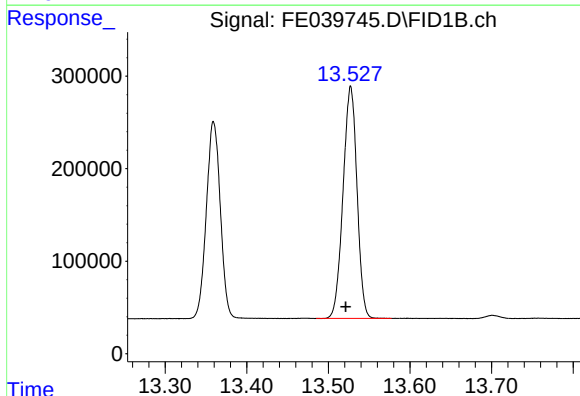
#9 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.006 min
Response: 3276147
Conc: 21.33 ug/ml



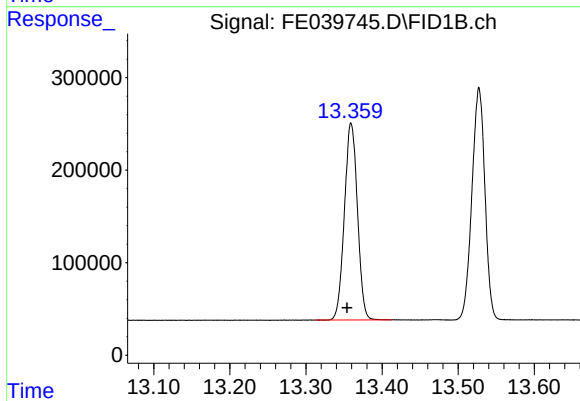
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.004 min
Response: 2966725
Conc: 21.41 ug/ml



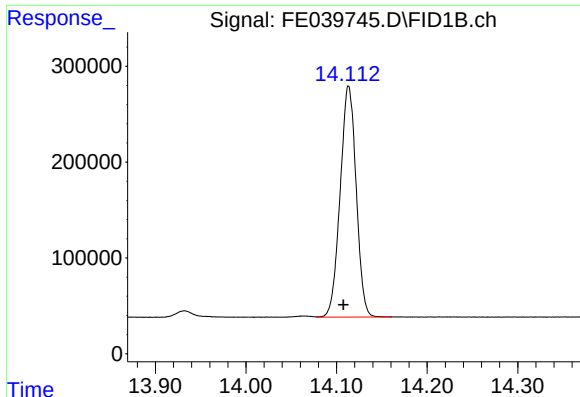
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.006 min
Response: 2981022
Conc: 21.36 ug/ml



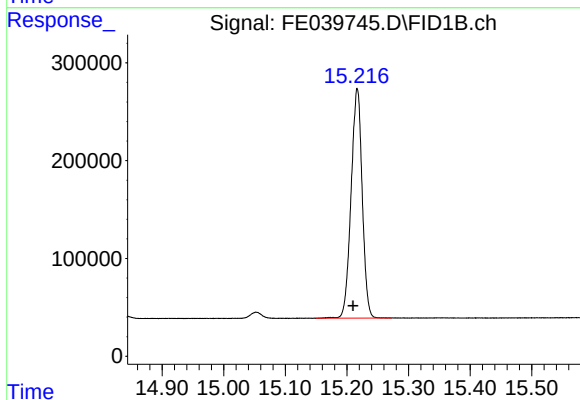
#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: 0.005 min
Response: 2533884
Conc: 21.71 ug/ml



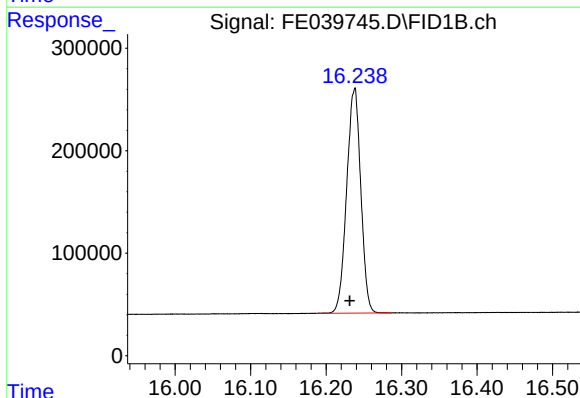
#13 n-Docosane (C22)

R.T.: 14.113 min
Delta R.T.: 0.006 min
Response: 2956735
Conc: 21.30 ug/ml



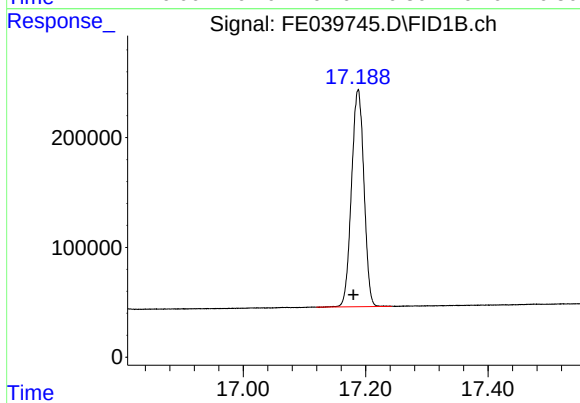
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.007 min
Response: 2944961
Conc: 21.39 ug/ml



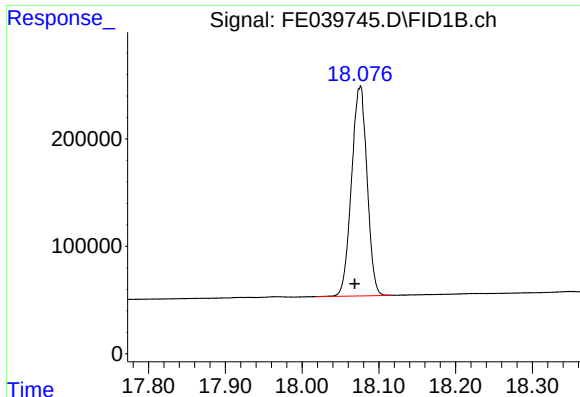
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: 0.006 min
Response: 2847181
Conc: 21.33 ug/ml



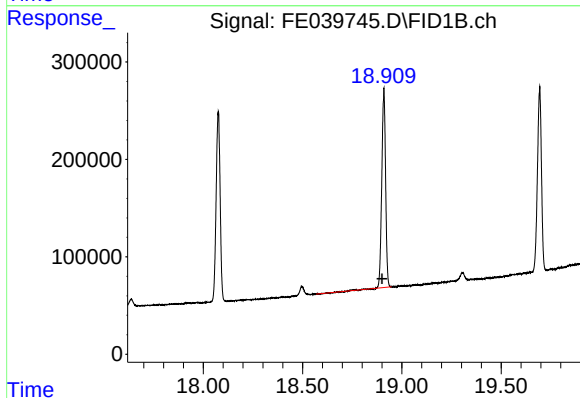
#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: 0.007 min
Response: 2787720
Conc: 21.41 ug/ml



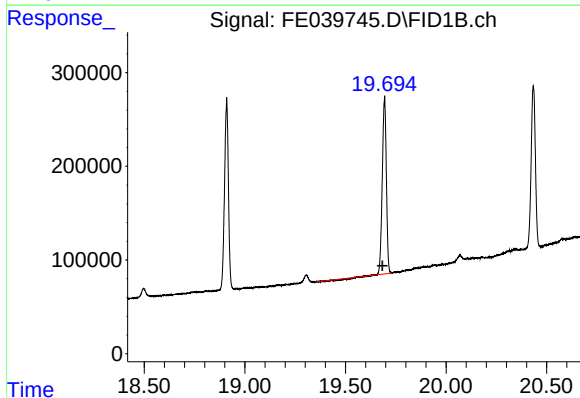
#17 n-Tricontane (C30)

R.T.: 18.076 min
Delta R.T.: 0.007 min
Response: 2745980
Conc: 21.53 ug/ml



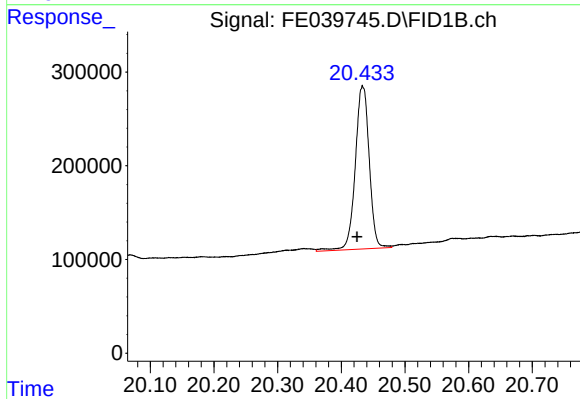
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.008 min
Response: 2718181
Conc: 21.50 ug/ml



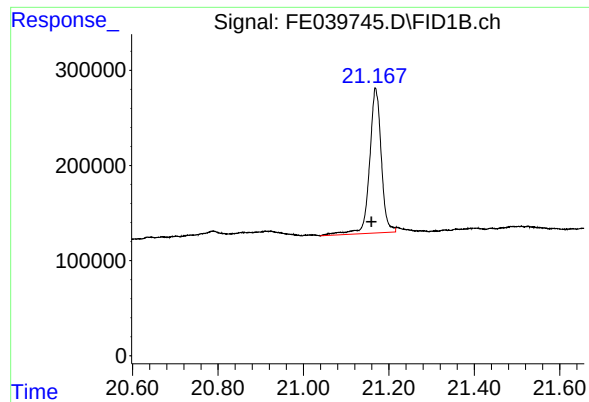
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.010 min
Response: 2603851
Conc: 21.07 ug/ml



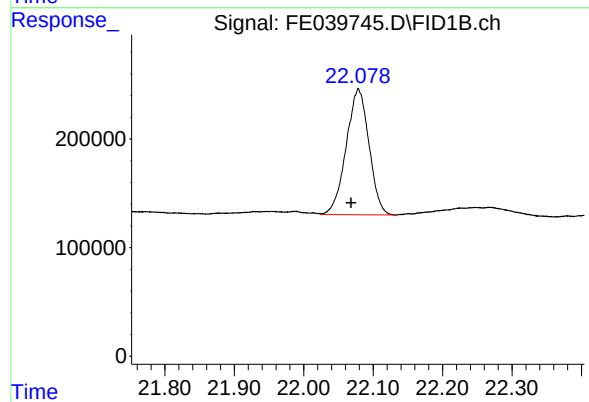
#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: 0.008 min
Response: 2650387
Conc: 22.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: 0.009 min
Response: 2908151
Conc: 24.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.079 min
Delta R.T.: 0.011 min
Response: 2640534
Conc: 21.76 ug/ml