

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110322AL\
 Data File : FD044399.D
 Signal(s) : FID2B.ch
 Acq On : 04 Nov 2022 09:30
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 04 09:57:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 04 09:57:33 2022
 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)	11.607	3188188	20.255 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	13.032	2469172	19.633 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.402	2665406	19.740 ug/ml
2) T n-Decane (C10)	4.464	2627016	19.553 ug/ml
3) T A~Naphthalene (C11.7)	6.046	3073284	23.002 ug/ml
4) T n-Dodecane (C12)	6.471	2659657	19.140 ug/ml
5) T A~2-methylnaphthalene...	7.096	2929138	22.527 ug/ml
6) T n-Tetradecane (C14)	8.258	2733507	19.634 ug/ml
7) T n-Hexadecane (C16)	9.851	2831295	20.073 ug/ml
8) T n-Octadecane (C18)	11.286	2883149	19.828 ug/ml
10) T n-Eicosane (C20)	12.588	2822978	19.037 ug/ml
11) T n-Heneicosane (C21)	13.197	2850714	19.001 ug/ml
13) T n-Docosane (C22)	13.780	2836738	18.868 ug/ml
14) T n-Tetracosane (C24)	14.876	2851162	18.890 ug/ml
15) T n-Hexacosane (C26)	15.891	2787432	18.410 ug/ml
16) T n-Octacosane (C28)	16.834	2729715	18.119 ug/ml
17) T n-Tricontane (C30)	17.716	2639305	17.220 ug/ml
18) T n-Dotriacontane (C32)	18.542	2558112	16.681 ug/ml
19) T n-Tetratriacontane (C34)	19.321	2379802	16.165 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2263068	15.435 ug/ml
21) T n-Octatriacontane (C38)	20.780	2183094	15.649 ug/ml
22) T n-Tetracontane (C40)	21.678	2060025	15.839 ug/ml

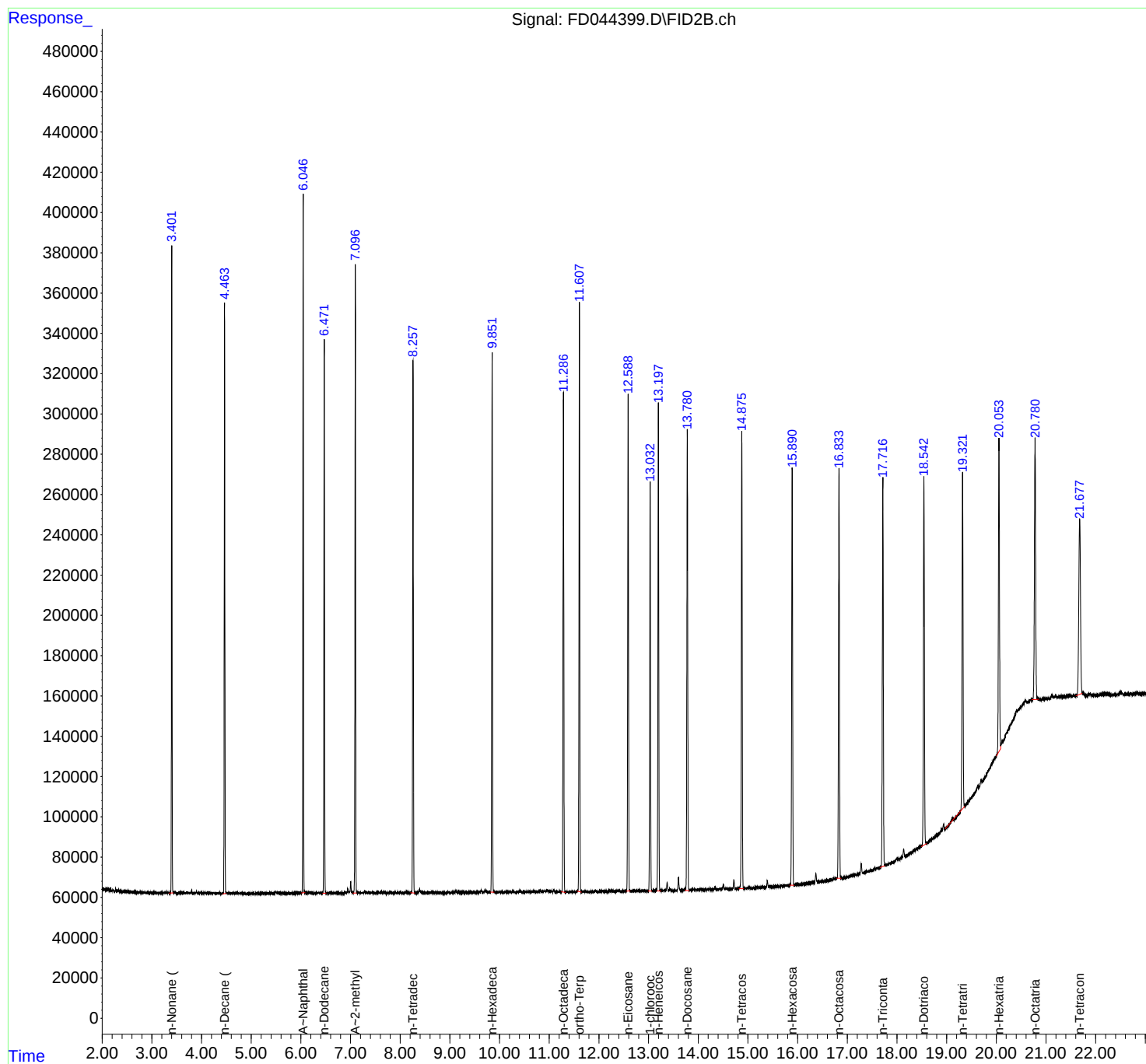
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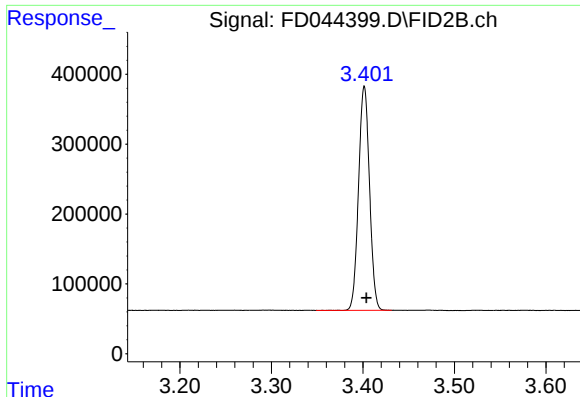
(m)=manual int.

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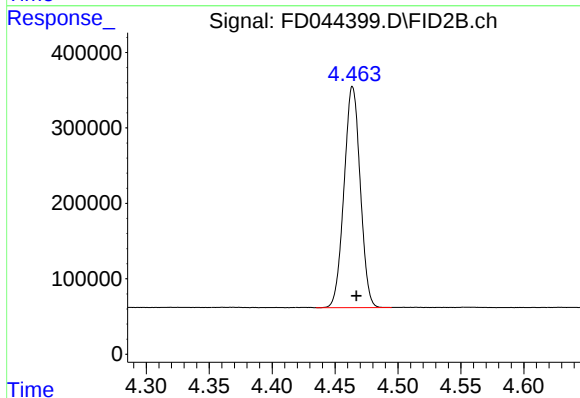
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





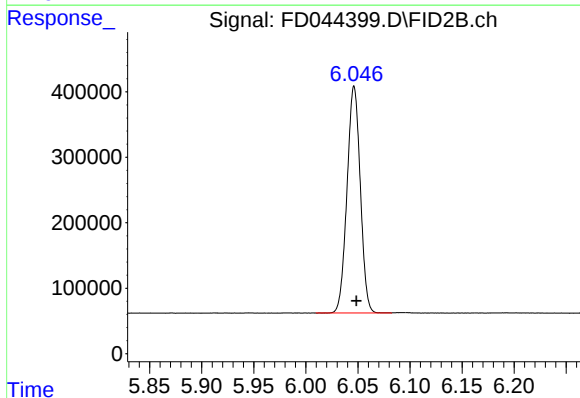
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 2665406
Conc: 19.74 ug/ml



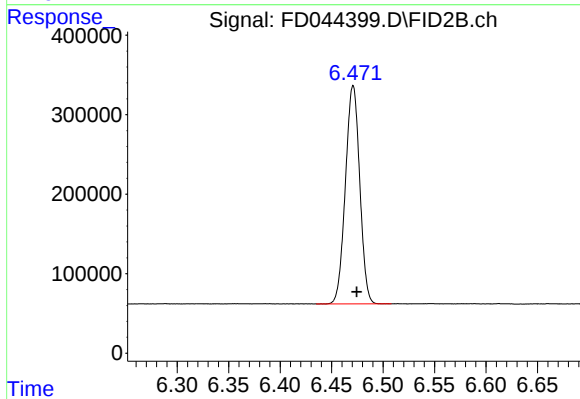
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.003 min
Response: 2627016
Conc: 19.55 ug/ml



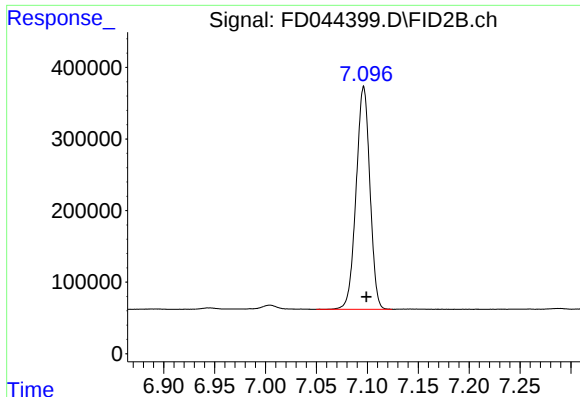
#3 A~Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 3073284
Conc: 23.00 ug/ml



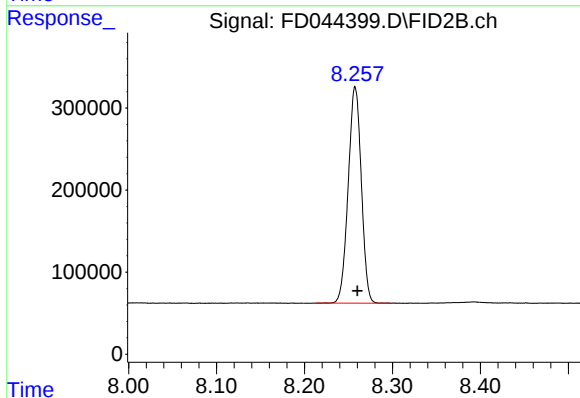
#4 n-Dodecane (C12)

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 2659657
Conc: 19.14 ug/ml



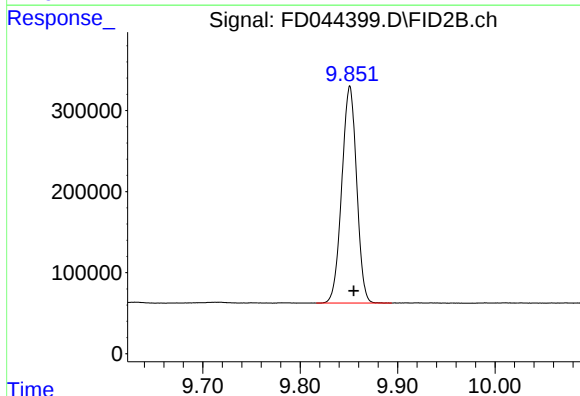
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 2929138
Conc: 22.53 ug/ml



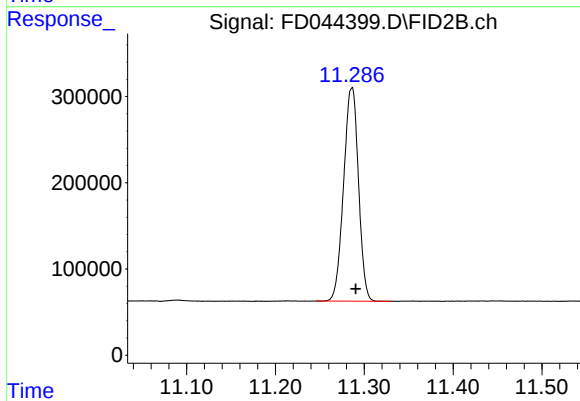
#6 n-Tetradecane (C14)

R.T.: 8.258 min
Delta R.T.: -0.003 min
Response: 2733507
Conc: 19.63 ug/ml



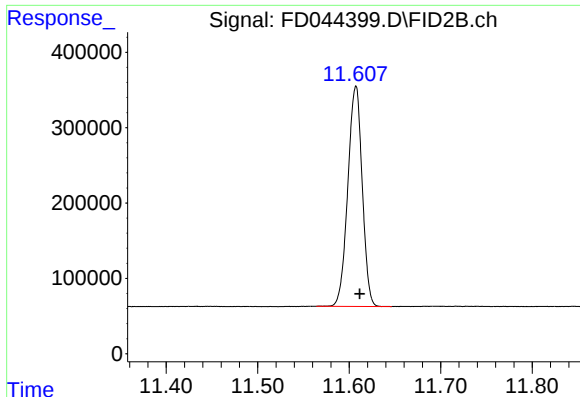
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: -0.004 min
Response: 2831295
Conc: 20.07 ug/ml



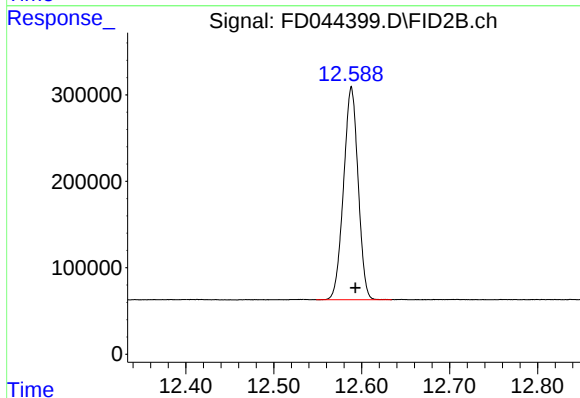
#8 n-Octadecane (C18)

R.T.: 11.286 min
Delta R.T.: -0.004 min
Response: 2883149
Conc: 19.83 ug/ml



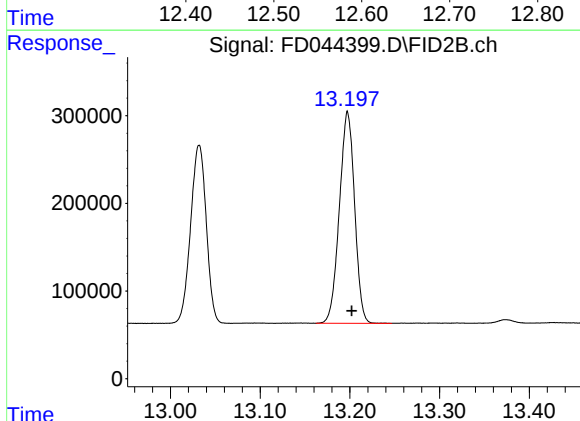
#9 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.004 min
Response: 3188188
Conc: 20.25 ug/ml



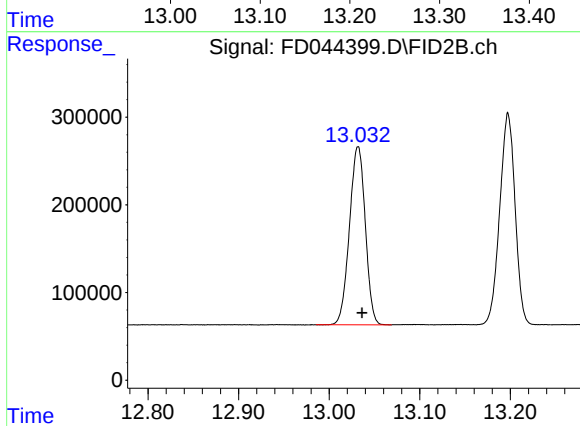
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: -0.004 min
Response: 2822978
Conc: 19.04 ug/ml



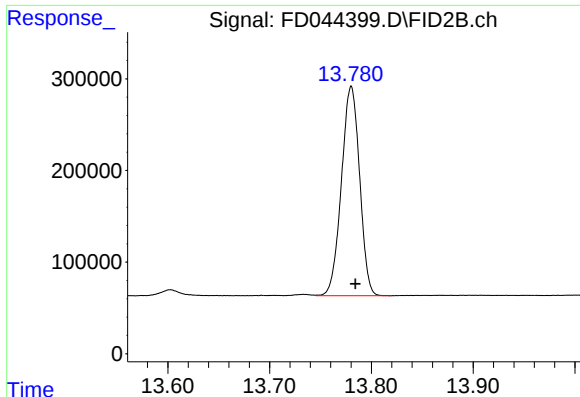
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: -0.004 min
Response: 2850714
Conc: 19.00 ug/ml



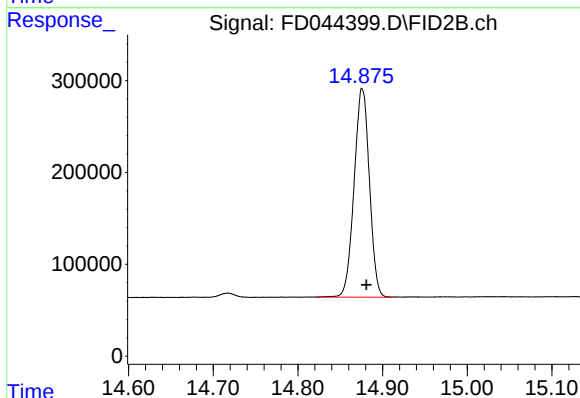
#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: -0.004 min
Response: 2469172
Conc: 19.63 ug/ml



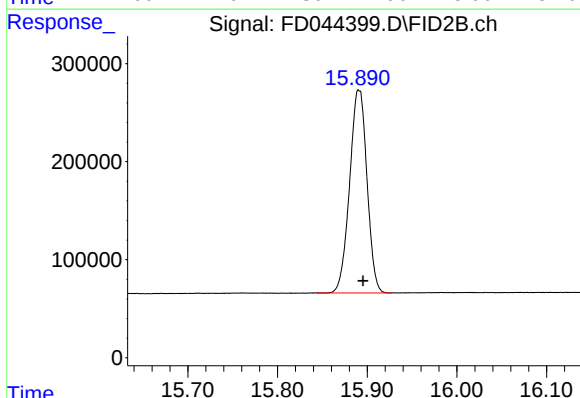
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: -0.004 min
Response: 2836738
Conc: 18.87 ug/ml



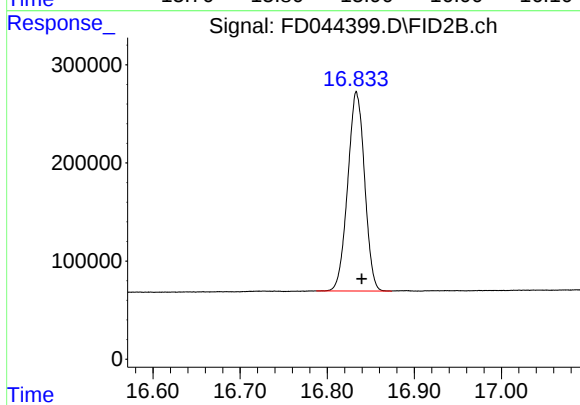
#14 n-Tetracosane (C24)

R.T.: 14.876 min
Delta R.T.: -0.005 min
Response: 2851162
Conc: 18.89 ug/ml



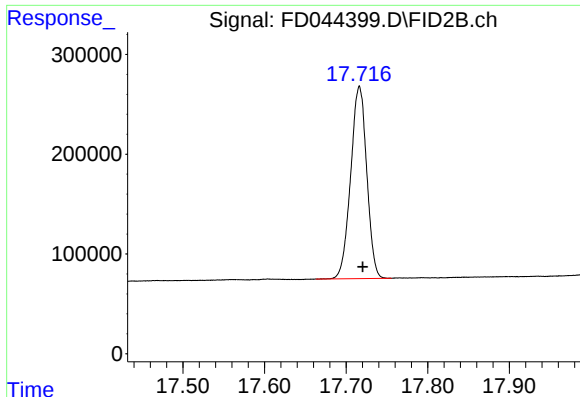
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: -0.005 min
Response: 2787432
Conc: 18.41 ug/ml



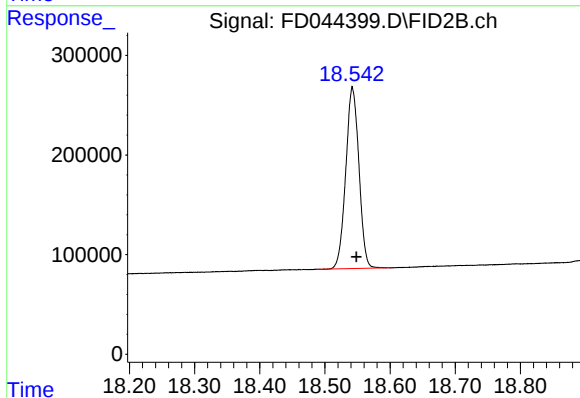
#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: -0.006 min
Response: 2729715
Conc: 18.12 ug/ml



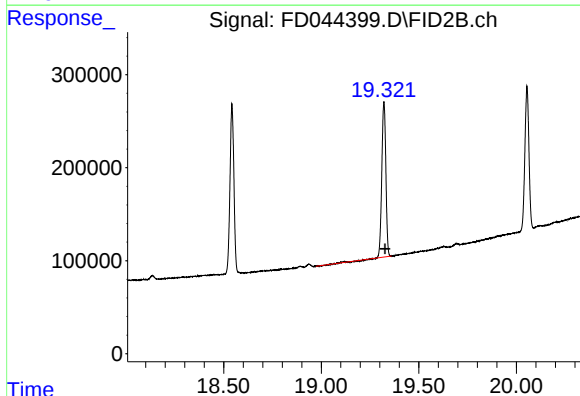
#17 n-Tricontane (C30)

R.T.: 17.716 min
Delta R.T.: -0.004 min
Response: 2639305
Conc: 17.22 ug/ml



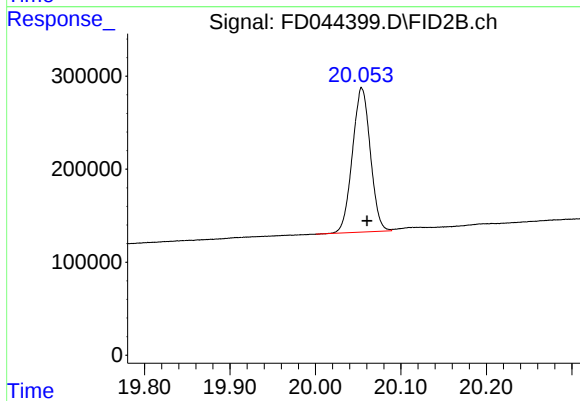
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.006 min
Response: 2558112
Conc: 16.68 ug/ml



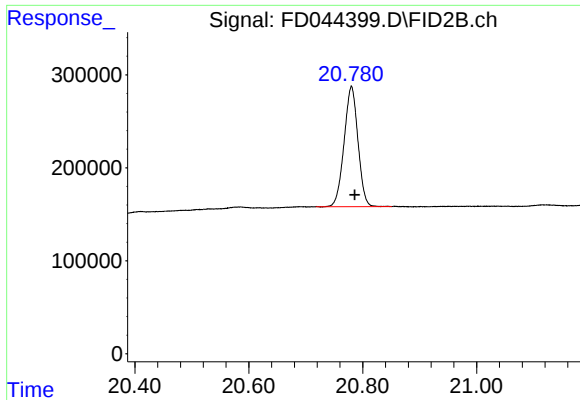
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.005 min
Response: 2379802
Conc: 16.17 ug/ml



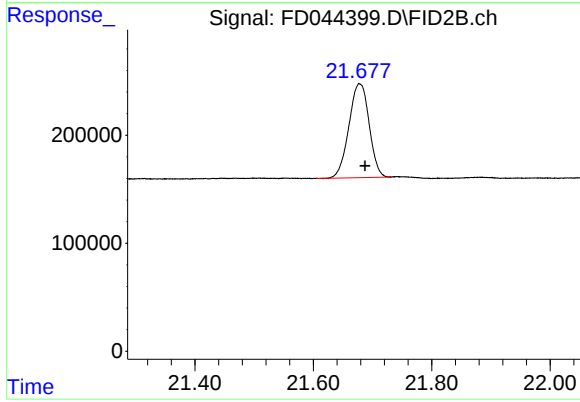
#20 n-Hexatriacontane (C36)

R.T.: 20.054 min
Delta R.T.: -0.006 min
Response: 2263068
Conc: 15.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.006 min
Response: 2183094
Conc: 15.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.678 min
Delta R.T.: -0.010 min
Response: 2060025
Conc: 15.84 ug/ml