

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072722AL\
 Data File : FD043369.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jul 2022 11:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 28 03:41:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:37:25 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)	11.530	3172066	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
12) S 1-chlorooctadecane (S...	12.965	2471198	20.163 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
Target Compounds			
1) T n-Nonane (C9)	3.313	2905709	20.730 ug/ml
2) T n-Decane (C10)	4.377	2923645	20.793 ug/ml
3) T A~Naphthalene (C11.7)	5.954	3156185	20.772 ug/ml
4) T n-Dodecane (C12)	6.390	2919765	20.514 ug/ml
5) T A~2-methylnaphthalene...	7.008	3107451	20.768 ug/ml
6) T n-Tetradecane (C14)	8.182	2900160	20.445 ug/ml
7) T n-Hexadecane (C16)	9.779	2909731	20.516 ug/ml
8) T n-Octadecane (C18)	11.216	2937680	20.545 ug/ml
10) T n-Eicosane (C20)	12.523	2929960	20.236 ug/ml
11) T n-Heneicosane (C21)	13.132	2925642	20.143 ug/ml
13) T n-Docosane (C22)	13.717	2918443	20.116 ug/ml
14) T n-Tetracosane (C24)	14.818	2873839	19.837 ug/ml
15) T n-Hexacosane (C26)	15.835	2775731	19.298 ug/ml
16) T n-Octacosane (C28)	16.782	2673199	18.897 ug/ml
17) T n-Tricontane (C30)	17.666	2641989	18.718 ug/ml
18) T n-Dotriacontane (C32)	18.495	2575024	18.621 ug/ml
19) T n-Tetratriacontane (C34)	19.276	2414461	18.763 ug/ml
20) T n-Hexatriacontane (C36)	20.013	2383923	19.327 ug/ml
21) T n-Octatriacontane (C38)	20.733	2458086	20.787 ug/ml
22) T n-Tetracontane (C40)	21.611	2320094	20.519 ug/ml

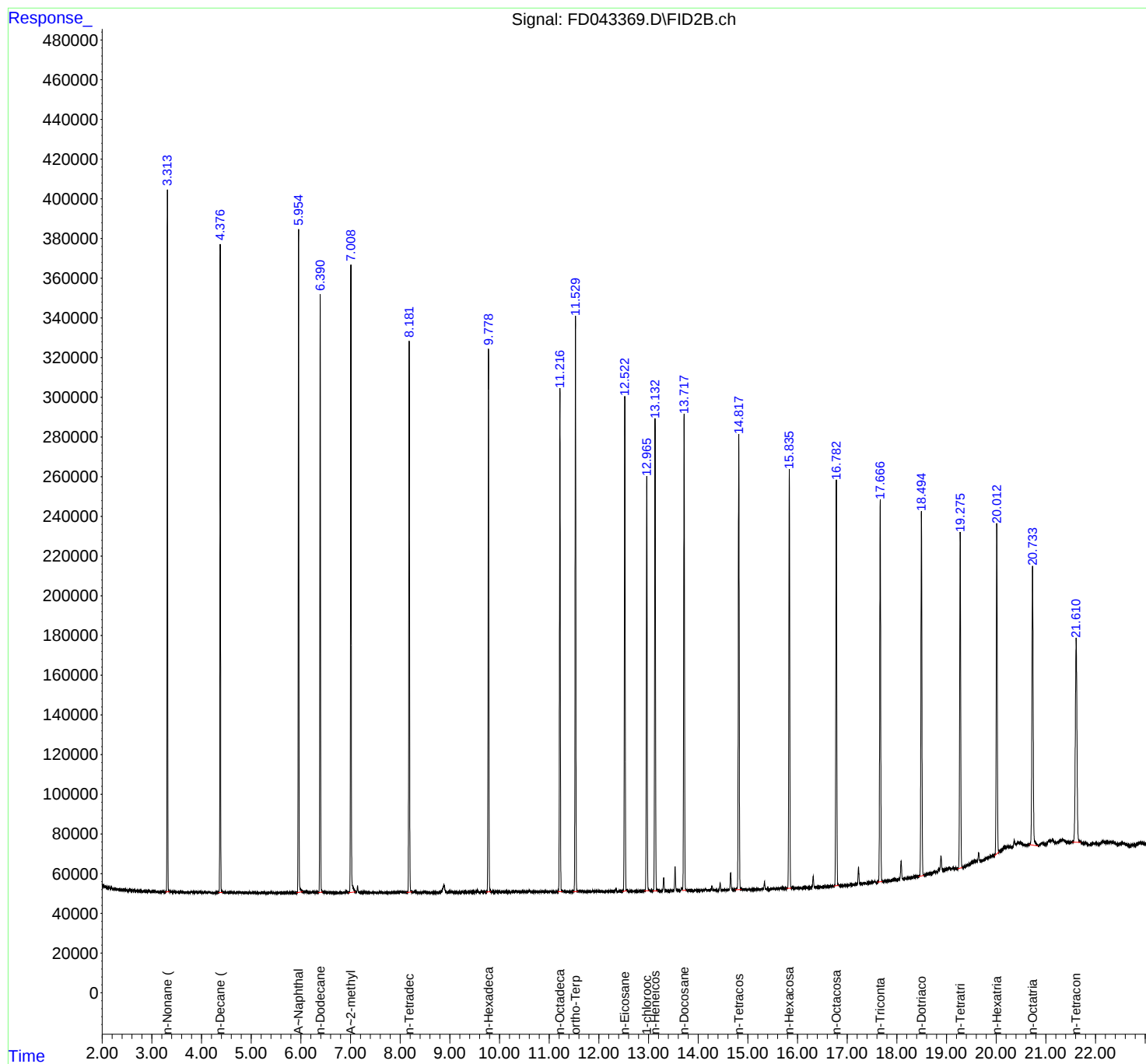
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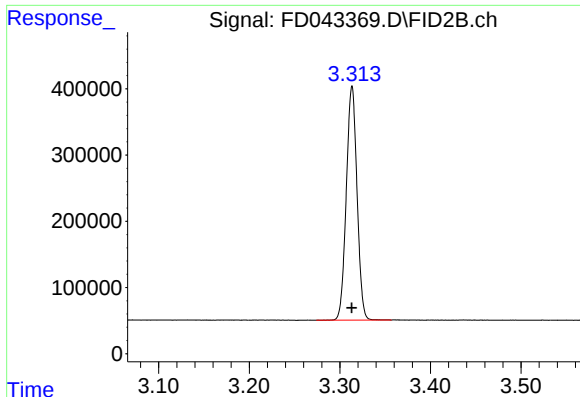
(m)=manual int.

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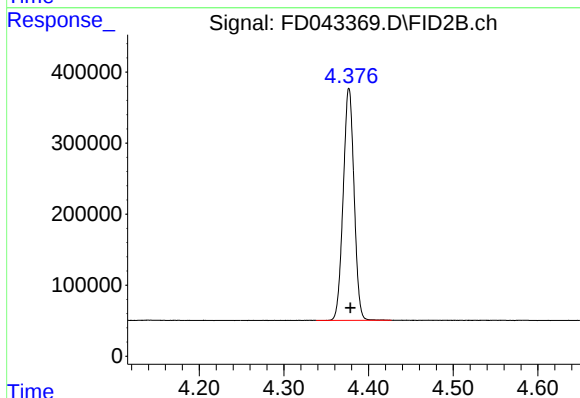
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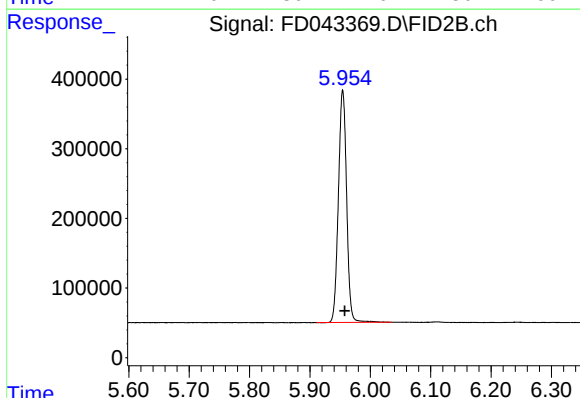
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 2905709
Conc: 20.73 ug/ml



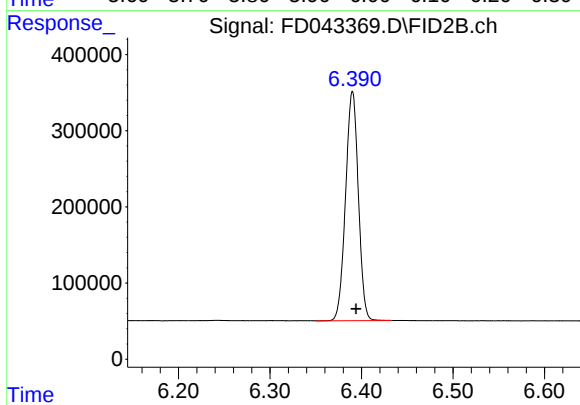
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: -0.002 min
Response: 2923645
Conc: 20.79 ug/ml



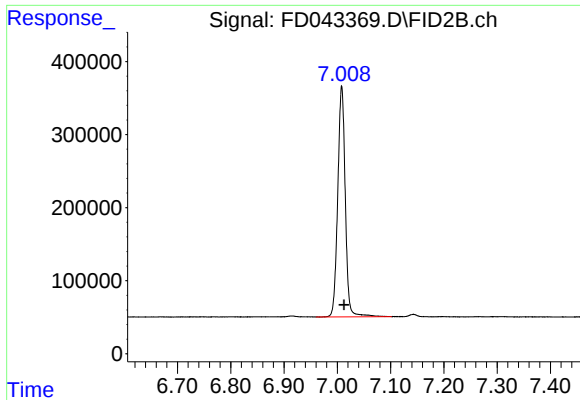
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: -0.003 min
Response: 3156185
Conc: 20.77 ug/ml



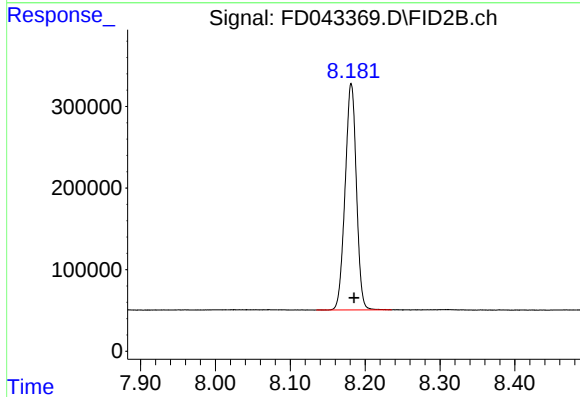
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 2919765
Conc: 20.51 ug/ml



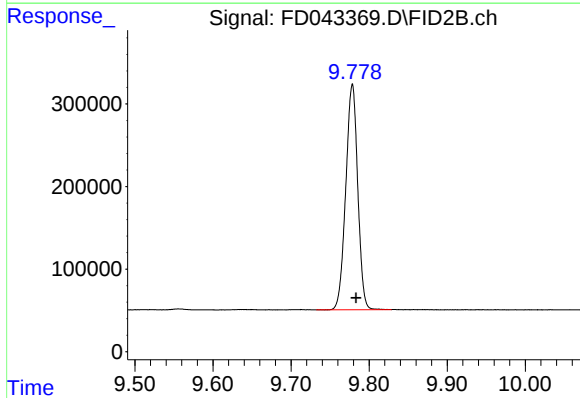
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.005 min
Response: 3107451
Conc: 20.77 ug/ml



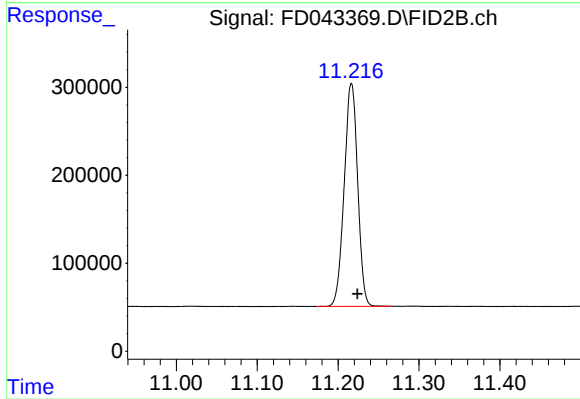
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.004 min
Response: 2900160
Conc: 20.44 ug/ml



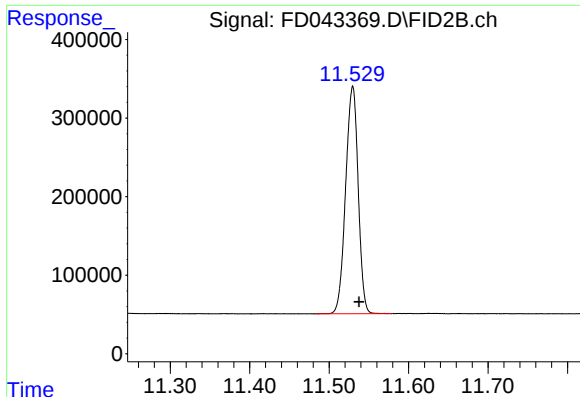
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.005 min
Response: 2909731
Conc: 20.52 ug/ml



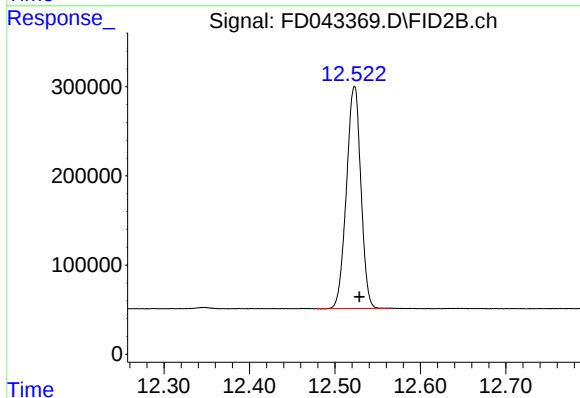
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.007 min
Response: 2937680
Conc: 20.54 ug/ml



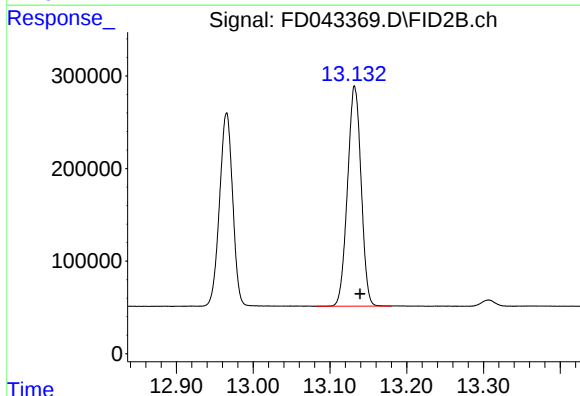
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 3172066
Conc: 20.04 ug/ml



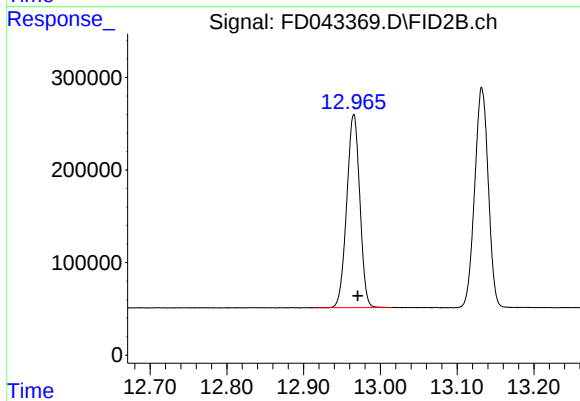
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.006 min
Response: 2929960
Conc: 20.24 ug/ml



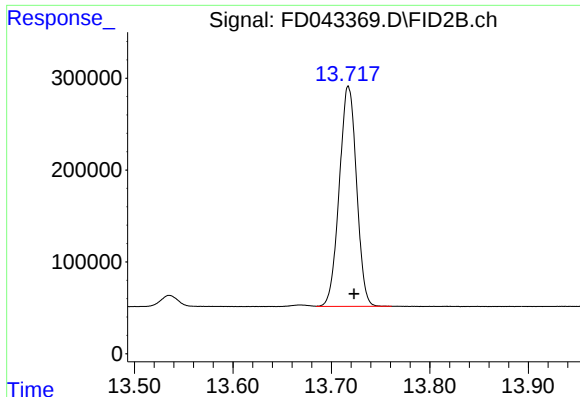
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.007 min
Response: 2925642
Conc: 20.14 ug/ml



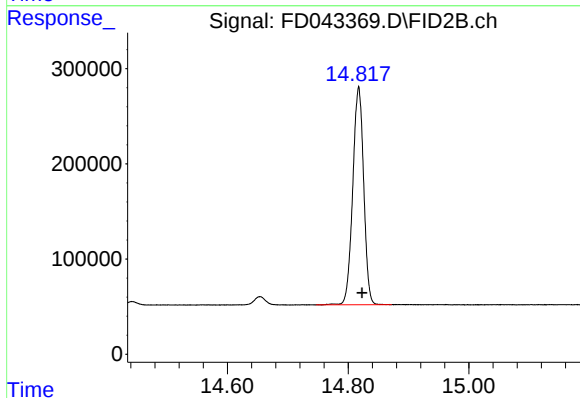
#12 1-chlorooctadecane (SURR)

R.T.: 12.965 min
Delta R.T.: -0.005 min
Response: 2471198
Conc: 20.16 ug/ml



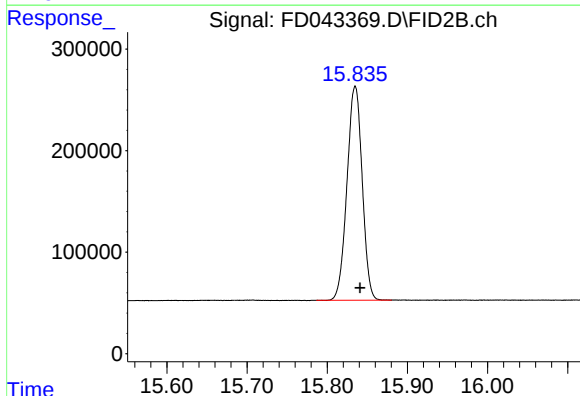
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: -0.006 min
Response: 2918443
Conc: 20.12 ug/ml



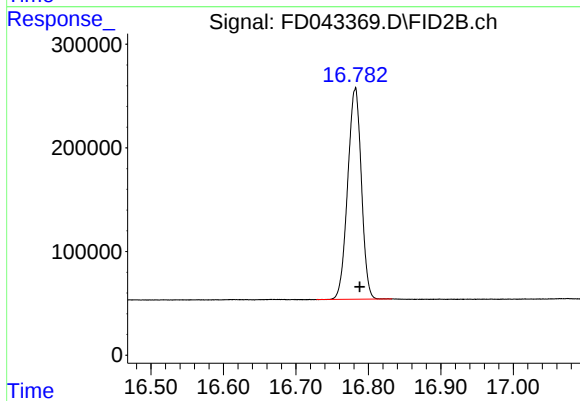
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: -0.006 min
Response: 2873839
Conc: 19.84 ug/ml



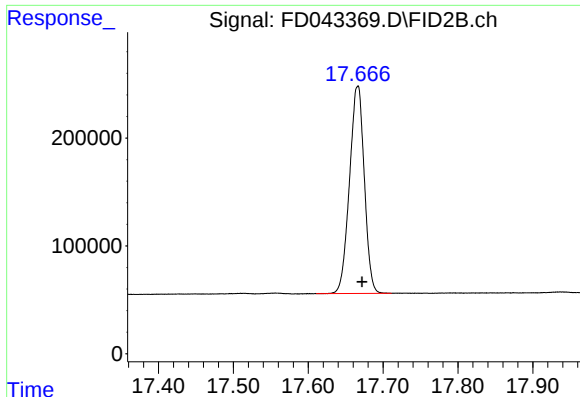
#15 n-Hexacosane (C26)

R.T.: 15.835 min
Delta R.T.: -0.006 min
Response: 2775731
Conc: 19.30 ug/ml



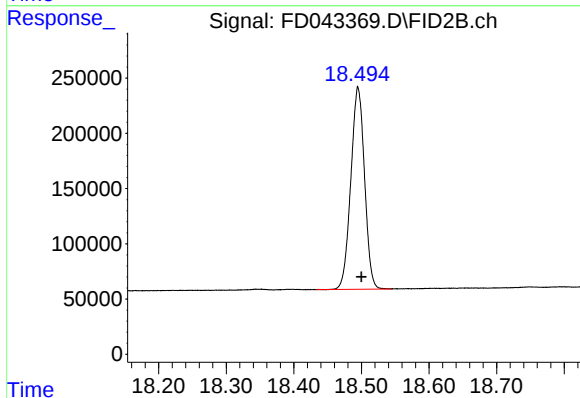
#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.006 min
Response: 2673199
Conc: 18.90 ug/ml



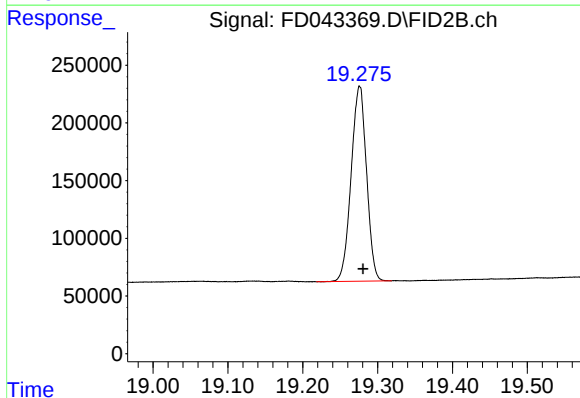
#17 n-Tricontane (C30)

R.T.: 17.666 min
Delta R.T.: -0.006 min
Response: 2641989
Conc: 18.72 ug/ml



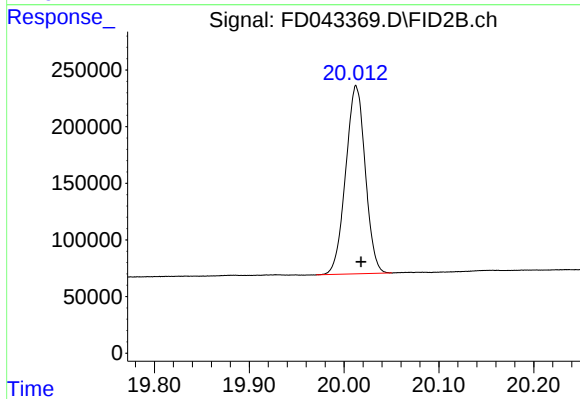
#18 n-Dotriacontane (C32)

R.T.: 18.495 min
Delta R.T.: -0.005 min
Response: 2575024
Conc: 18.62 ug/ml



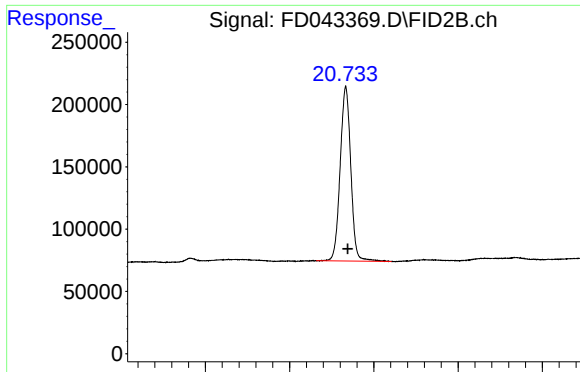
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min
Delta R.T.: -0.004 min
Response: 2414461
Conc: 18.76 ug/ml



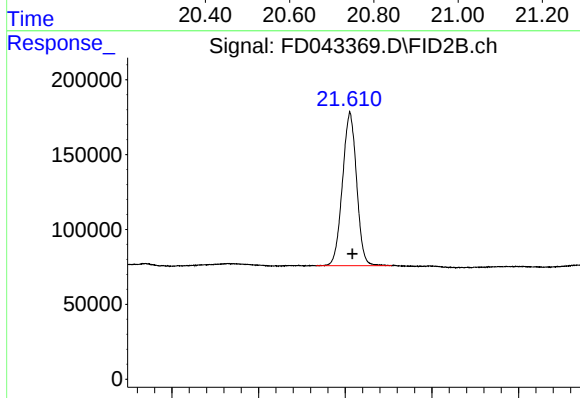
#20 n-Hexatriacontane (C36)

R.T.: 20.013 min
Delta R.T.: -0.005 min
Response: 2383923
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.733 min
Delta R.T.: -0.005 min
Response: 2458086
Conc: 20.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.611 min
Delta R.T.: -0.005 min
Response: 2320094
Conc: 20.52 ug/ml