

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081122AL\
 Data File : FD043539.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2022 10:38
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 11 15:01:39 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)	11.522	3155526	19.935 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	12.958	2451331	20.001 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.306	2947266	21.027 ug/ml
2) T n-Decane (C10)	4.369	2998403	21.325 ug/ml
3) T A~Naphthalene (C11.7)	5.945	3203134	21.081 ug/ml
4) T n-Dodecane (C12)	6.382	3027863	21.274 ug/ml
5) T A~2-methylnaphthalene...	6.999	3154127	21.080 ug/ml
6) T n-Tetradecane (C14)	8.174	3015524	21.258 ug/ml
7) T n-Hexadecane (C16)	9.770	2998122	21.139 ug/ml
8) T n-Octadecane (C18)	11.209	3009994	21.050 ug/ml
10) T n-Eicosane (C20)	12.516	2980465	20.585 ug/ml
11) T n-Heneicosane (C21)	13.126	2925519	20.142 ug/ml
13) T n-Docosane (C22)	13.711	2970793	20.477 ug/ml
14) T n-Tetracosane (C24)	14.812	3032169	20.930 ug/ml
15) T n-Hexacosane (C26)	15.830	3016960	20.975 ug/ml
16) T n-Octacosane (C28)	16.776	2993394	21.160 ug/ml
17) T n-Tricontane (C30)	17.661	3067825	21.735 ug/ml
18) T n-Dotriacontane (C32)	18.490	2996102	21.666 ug/ml
19) T n-Tetratriacontane (C34)	19.271	2709149	21.053 ug/ml
20) T n-Hexatriacontane (C36)	20.007	2612069	21.177 ug/ml
21) T n-Octatriacontane (C38)	20.728	2501259	21.153 ug/ml
22) T n-Tetracontane (C40)	21.603	2401807	21.241 ug/ml

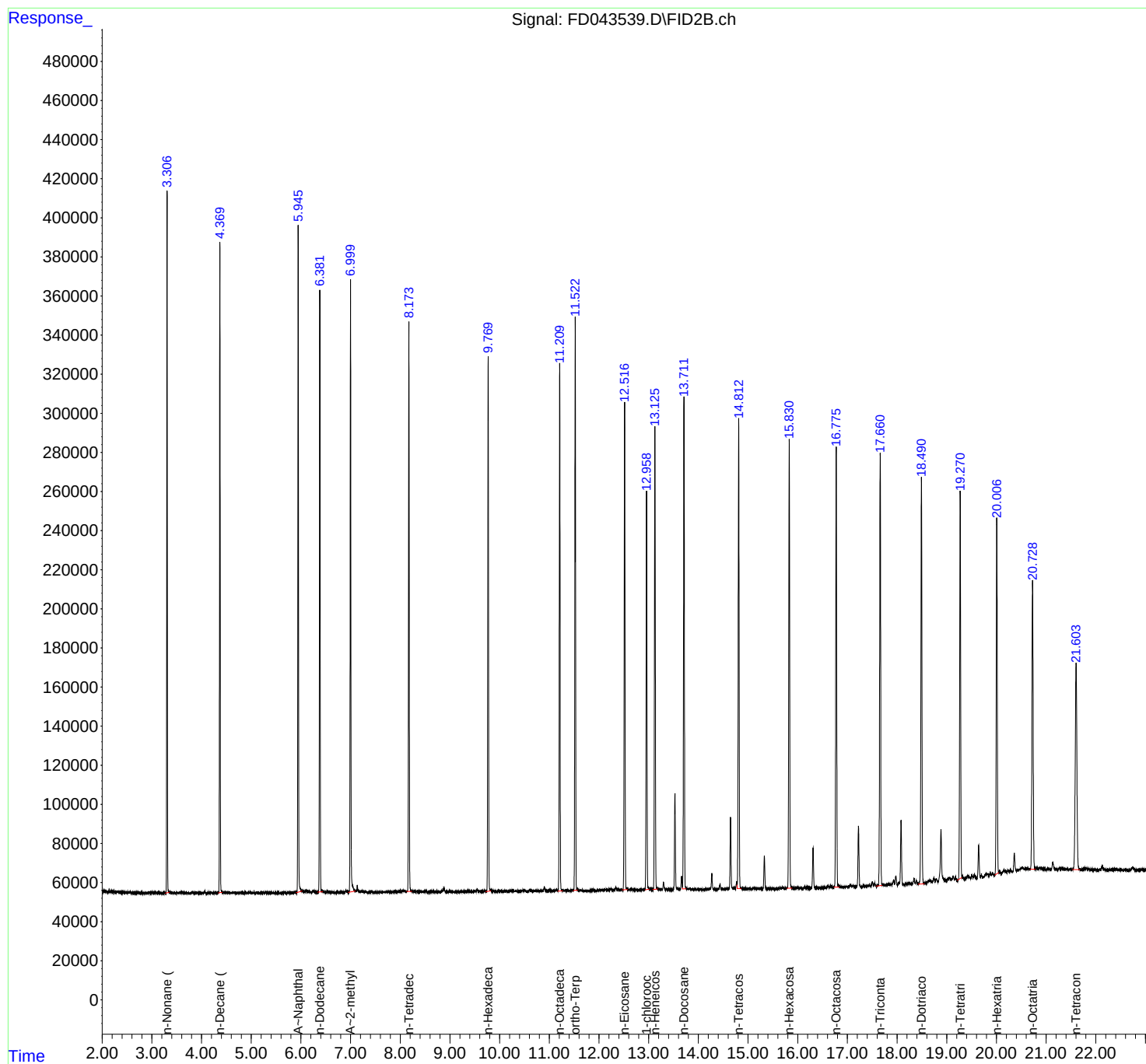
(f)=RT Delta > 1/2 Window

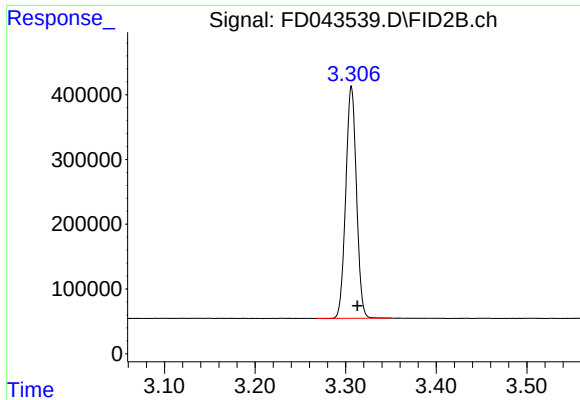
(m)=manual int.

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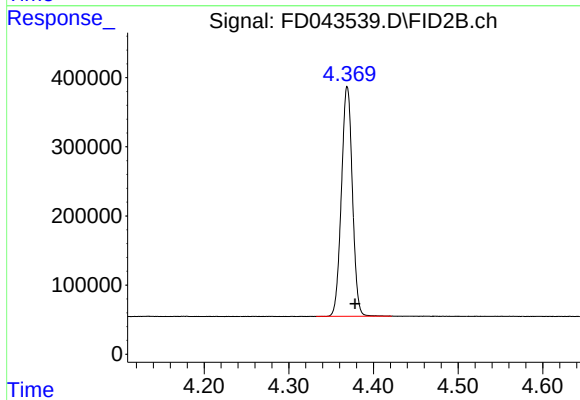
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Signal Info : 20M x 0.18mm x 0.18um





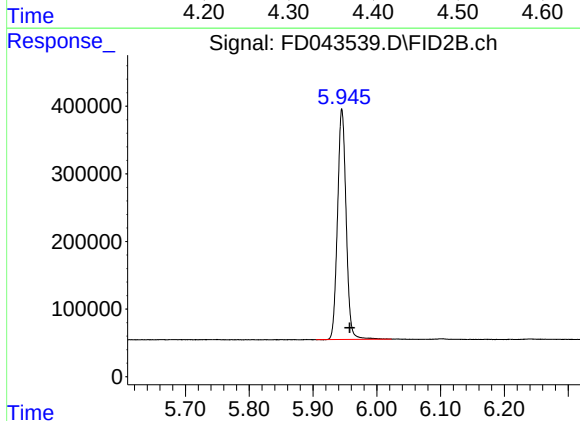
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.007 min
Response: 2947266
Conc: 21.03 ug/ml



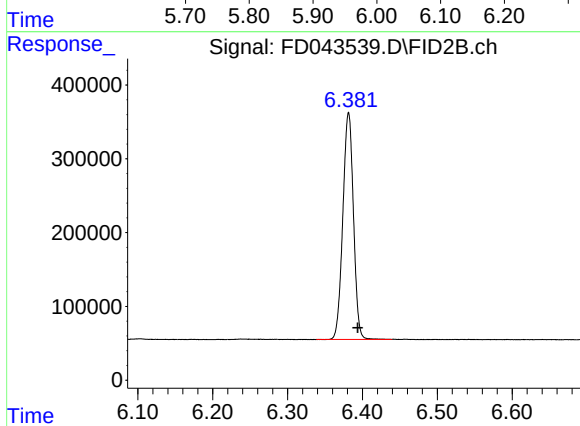
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.009 min
Response: 2998403
Conc: 21.32 ug/ml



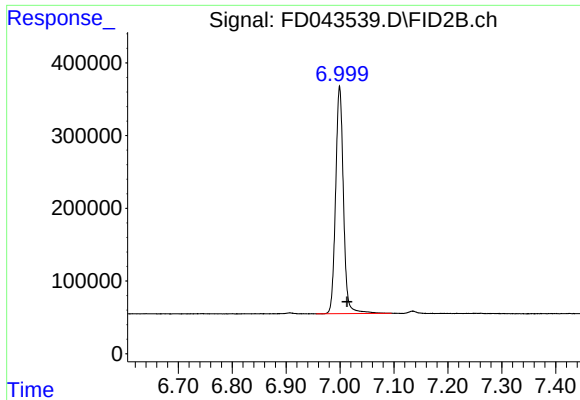
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.012 min
Response: 3203134
Conc: 21.08 ug/ml



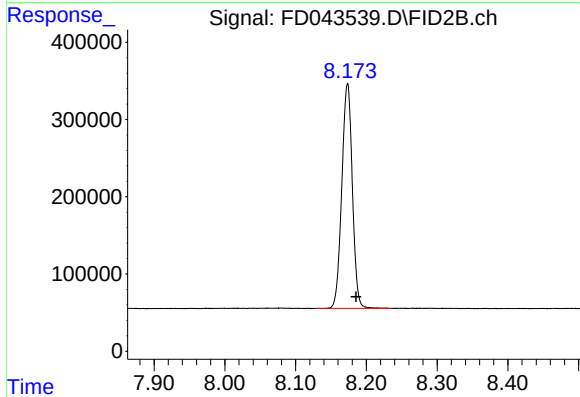
#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.012 min
Response: 3027863
Conc: 21.27 ug/ml



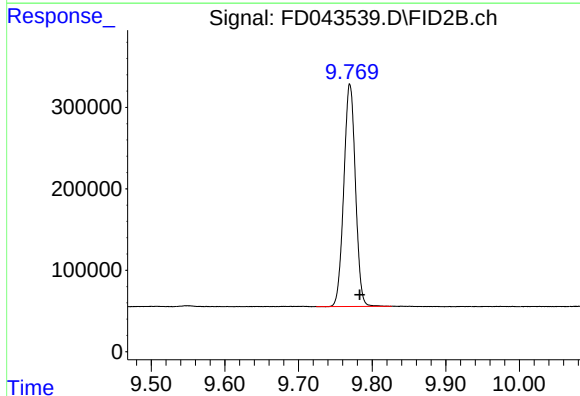
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.014 min
Response: 3154127
Conc: 21.08 ug/ml



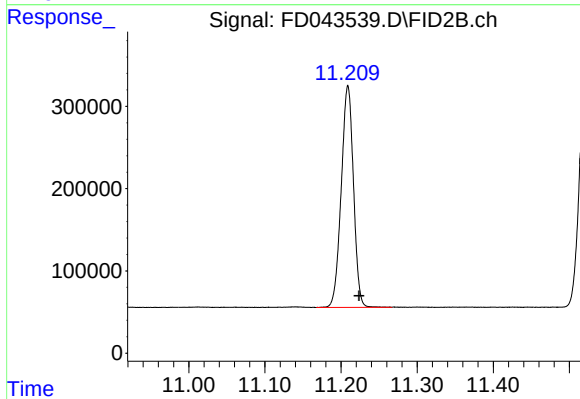
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: -0.012 min
Response: 3015524
Conc: 21.26 ug/ml



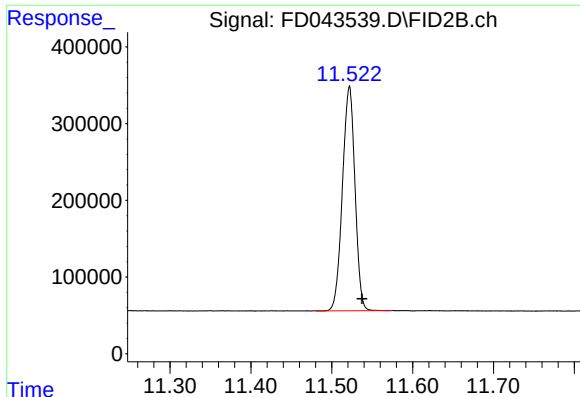
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.013 min
Response: 2998122
Conc: 21.14 ug/ml



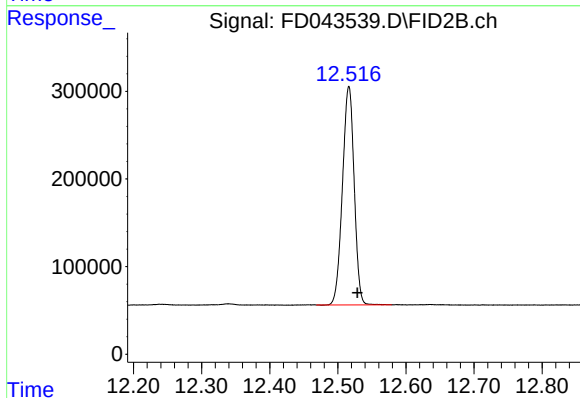
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.015 min
Response: 3009994
Conc: 21.05 ug/ml



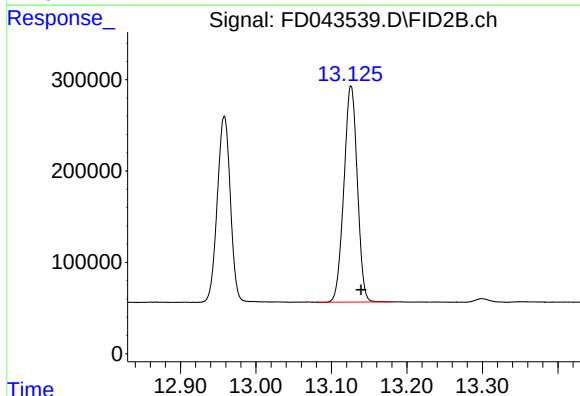
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: -0.016 min
Response: 3155526
Conc: 19.93 ug/ml



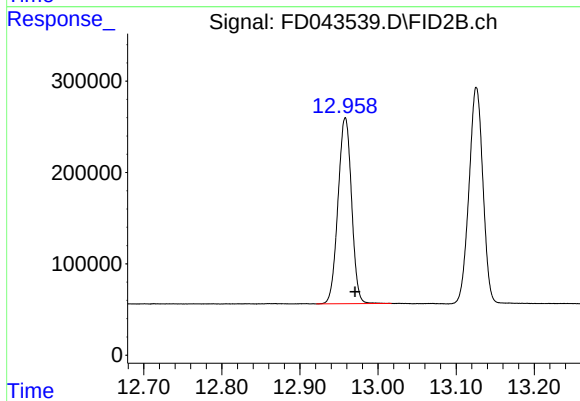
#10 n-Eicosane (C20)

R.T.: 12.516 min
Delta R.T.: -0.012 min
Response: 2980465
Conc: 20.58 ug/ml



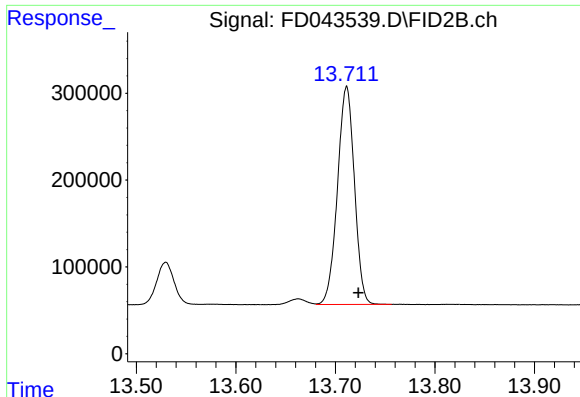
#11 n-Heneicosane (C21)

R.T.: 13.126 min
Delta R.T.: -0.013 min
Response: 2925519
Conc: 20.14 ug/ml



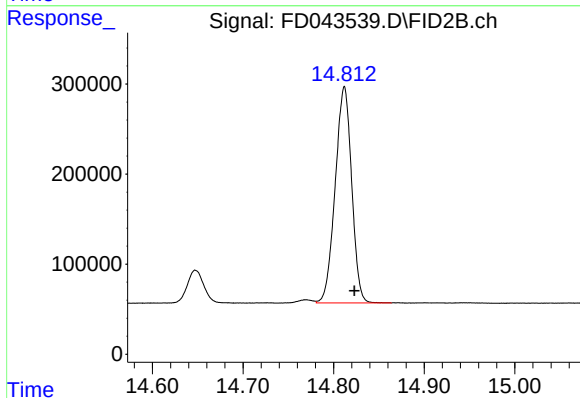
#12 1-chlorooctadecane (SURR)

R.T.: 12.958 min
Delta R.T.: -0.013 min
Response: 2451331
Conc: 20.00 ug/ml



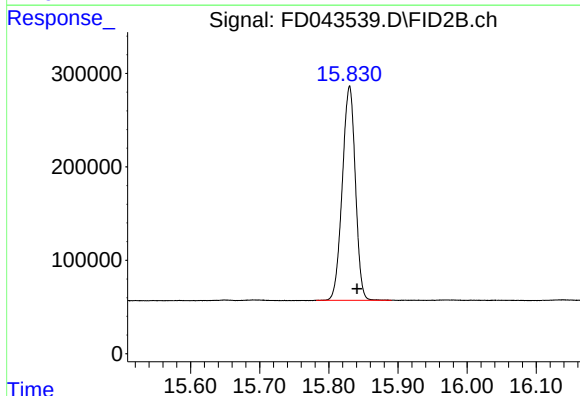
#13 n-Docosane (C22)

R.T.: 13.711 min
Delta R.T.: -0.012 min
Response: 2970793
Conc: 20.48 ug/ml



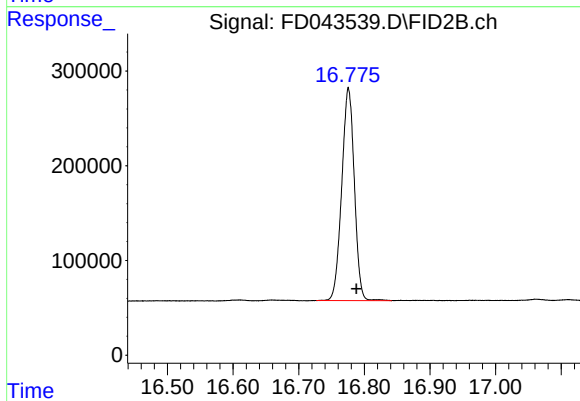
#14 n-Tetracosane (C24)

R.T.: 14.812 min
Delta R.T.: -0.011 min
Response: 3032169
Conc: 20.93 ug/ml



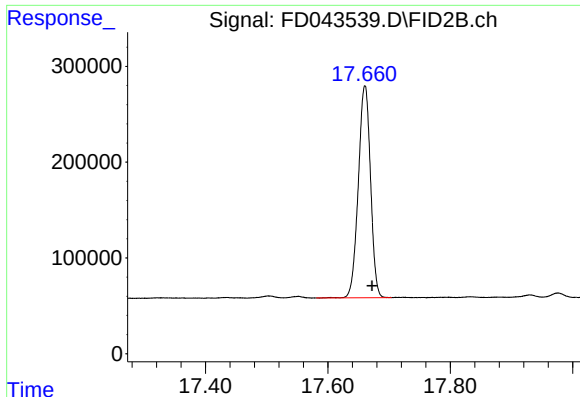
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.011 min
Response: 3016960
Conc: 20.97 ug/ml



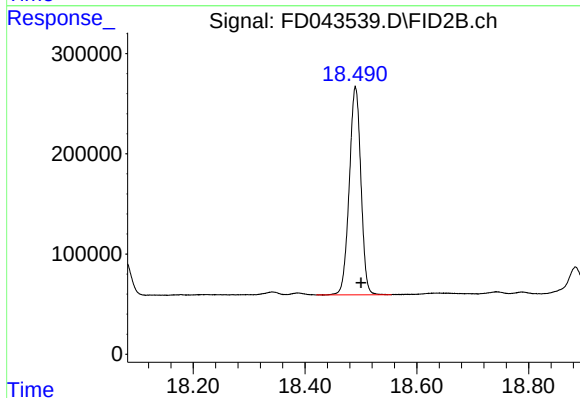
#16 n-Octacosane (C28)

R.T.: 16.776 min
Delta R.T.: -0.012 min
Response: 2993394
Conc: 21.16 ug/ml



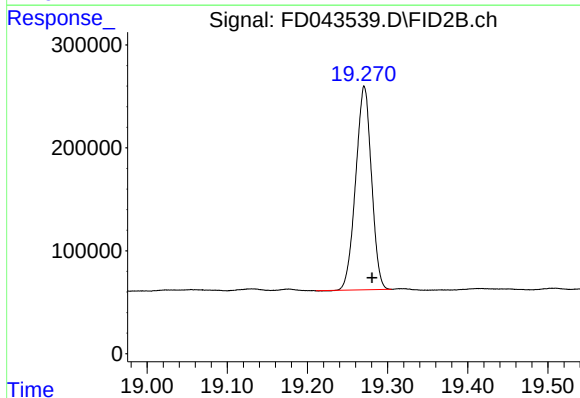
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.011 min
Response: 3067825
Conc: 21.74 ug/ml



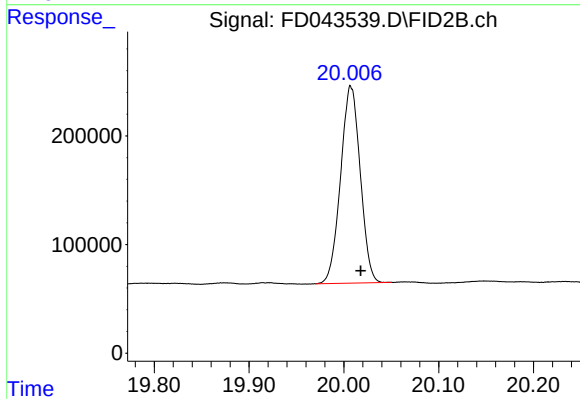
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.010 min
Response: 2996102
Conc: 21.67 ug/ml



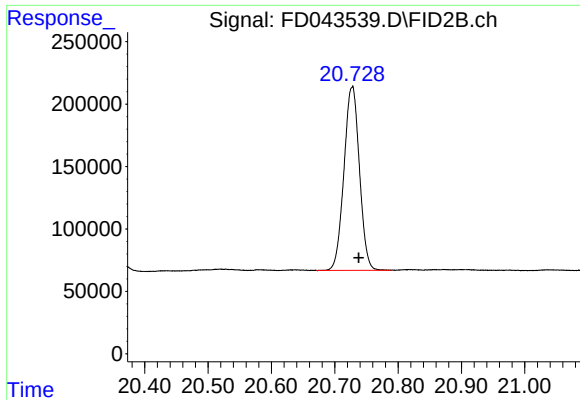
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.010 min
Response: 2709149
Conc: 21.05 ug/ml



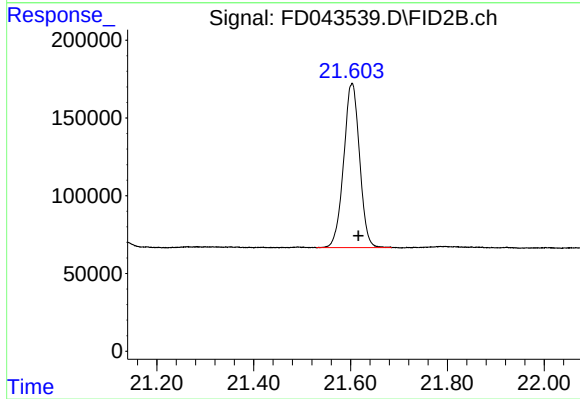
#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: -0.011 min
Response: 2612069
Conc: 21.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: -0.010 min
Response: 2501259
Conc: 21.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: -0.013 min
Response: 2401807
Conc: 21.24 ug/ml