

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102121AL\
 Data File : FD039181.D
 Signal(s) : FID2B.CH
 Acq On : 21 Oct 2021 11:32
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 22 01:53:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.674	2415240	17.017 ug/ml
Spiked Amount 50.000		Recovery =	34.03%
12) S 1-chlorooctadecane (S...	13.100	1883799	16.753 ug/ml
Spiked Amount 50.000		Recovery =	33.51%
Target Compounds			
1) T n-Nonane (C9)	3.435	2373445	18.816 ug/ml
2) T n-Decane (C10)	4.504	2402995	18.828 ug/ml
3) T A~Naphthalene (C11.7)	6.097	2633987	18.497 ug/ml
4) T n-Dodecane (C12)	6.520	2391991	18.678 ug/ml
5) T A~2-methylnaphthalene...	7.152	2623273	18.324 ug/ml
6) T n-Tetradecane (C14)	8.312	2388411	18.406 ug/ml
7) T n-Hexadecane (C16)	9.910	2359781	18.093 ug/ml
8) T n-Octadecane (C18)	11.349	2362610	17.665 ug/ml
10) T n-Eicosane (C20)	12.656	2285167	17.230 ug/ml
11) T n-Heneicosane (C21)	13.266	2263381	16.903 ug/ml
13) T n-Docosane (C22)	13.850	2223831	16.765 ug/ml
14) T n-Tetracosane (C24)	14.950	2217616	16.737 ug/ml
15) T n-Hexacosane (C26)	15.967	2168260	16.845 ug/ml
16) T n-Octacosane (C28)	16.914	2134195	16.925 ug/ml
17) T n-Tricontane (C30)	17.798	2130787	17.470 ug/ml
18) T n-Dotriacontane (C32)	18.626	2070426	17.858 ug/ml
19) T n-Tetratriacontane (C34)	19.406	2024275	18.753 ug/ml
20) T n-Hexatriacontane (C36)	20.144	1958665	20.017 ug/ml
21) T n-Octatriacontane (C38)	20.885	1912576	21.304 ug/ml
22) T n-Tetracontane (C40)	21.811	1954597	22.188 ug/ml

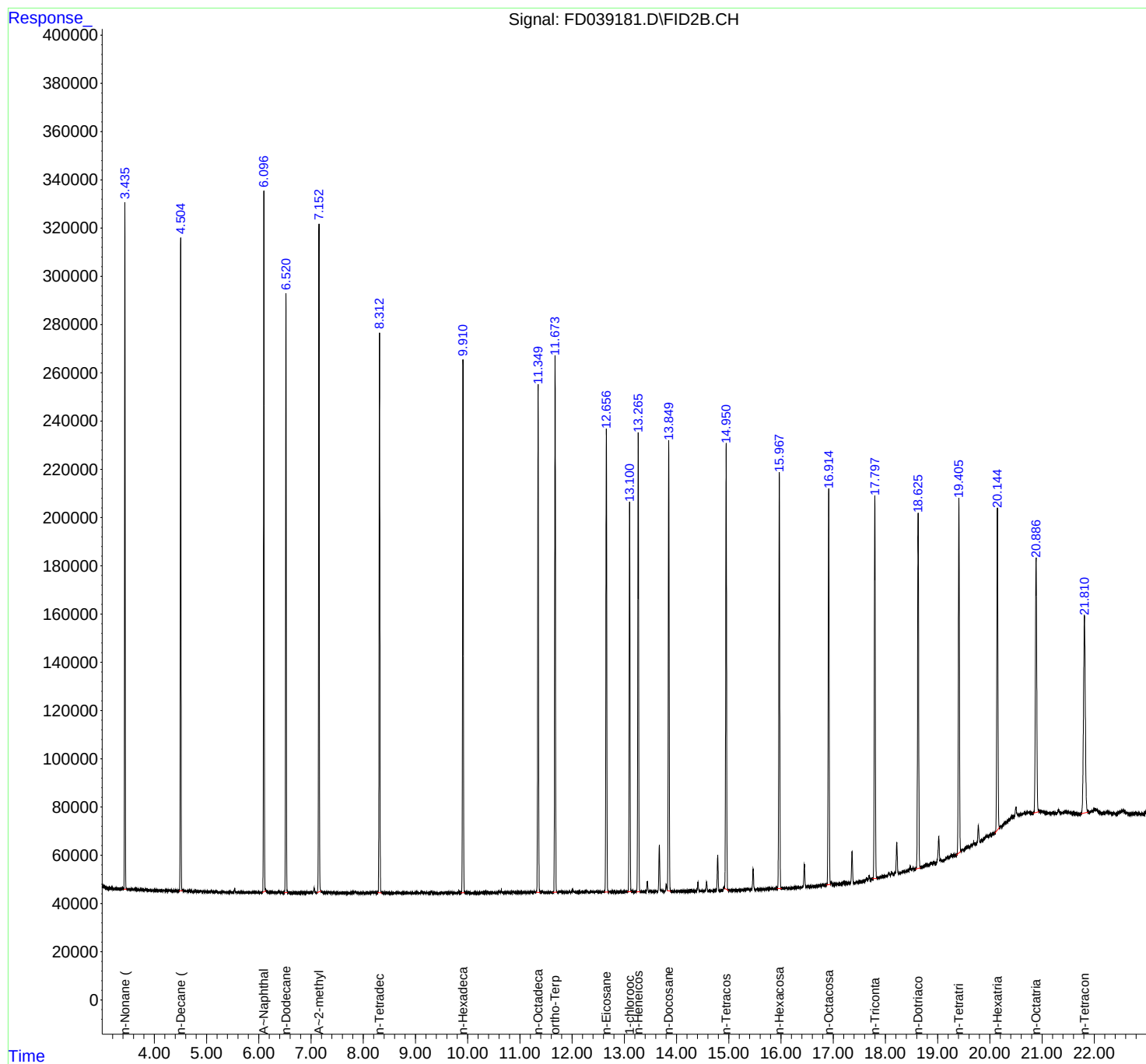
(f)=RT Delta > 1/2 Window

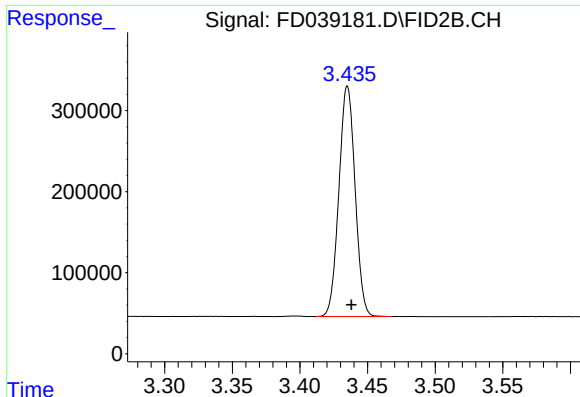
(m)=manual int.

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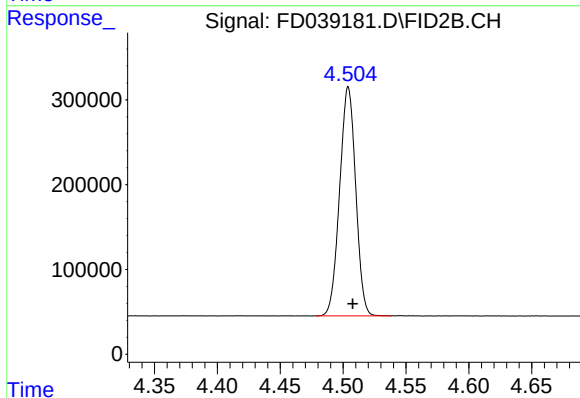
Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um





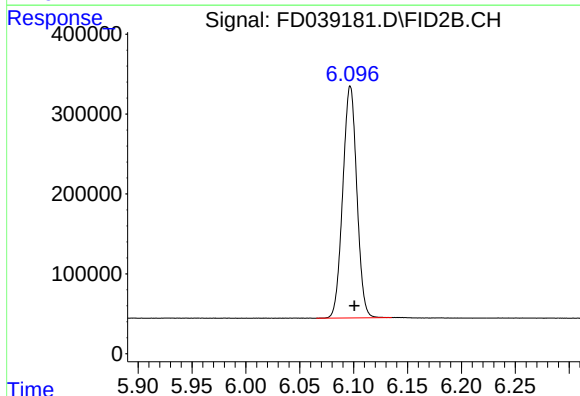
#1 n-Nonane (C9)

R.T.: 3.435 min
Delta R.T.: -0.003 min
Response: 2373445
Conc: 18.82 ug/ml



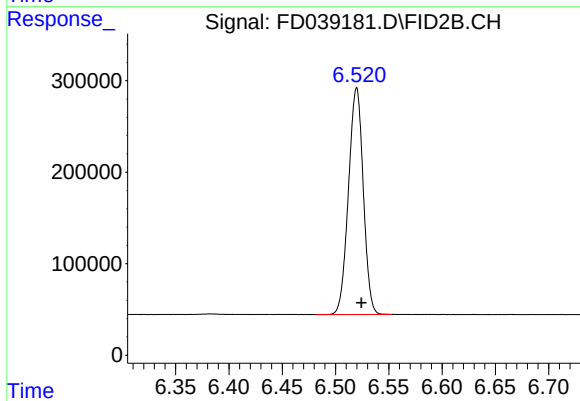
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.004 min
Response: 2402995
Conc: 18.83 ug/ml



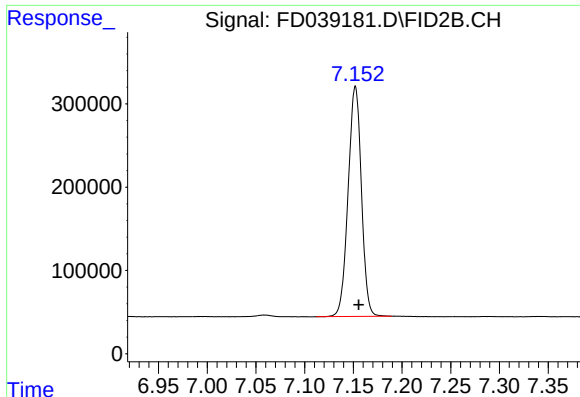
#3 A~Naphthalene (C11.7)

R.T.: 6.097 min
Delta R.T.: -0.004 min
Response: 2633987
Conc: 18.50 ug/ml



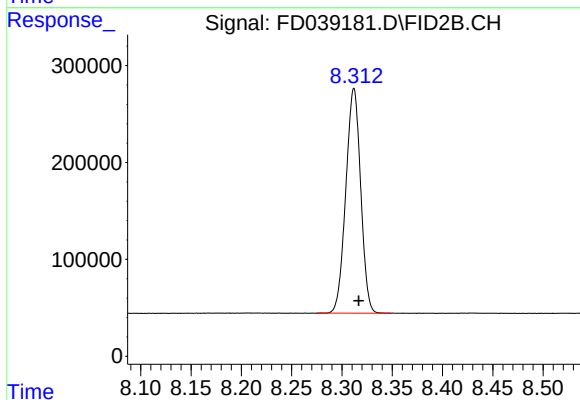
#4 n-Dodecane (C12)

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 2391991
Conc: 18.68 ug/ml



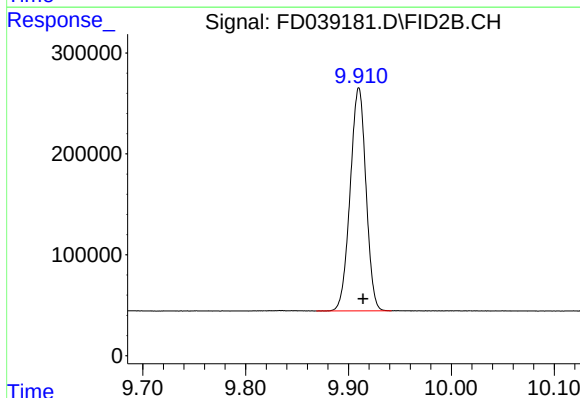
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.152 min
Delta R.T.: -0.003 min
Response: 2623273
Conc: 18.32 ug/ml



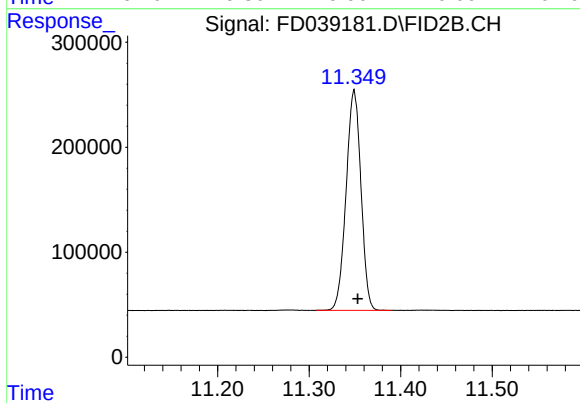
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: -0.005 min
Response: 2388411
Conc: 18.41 ug/ml



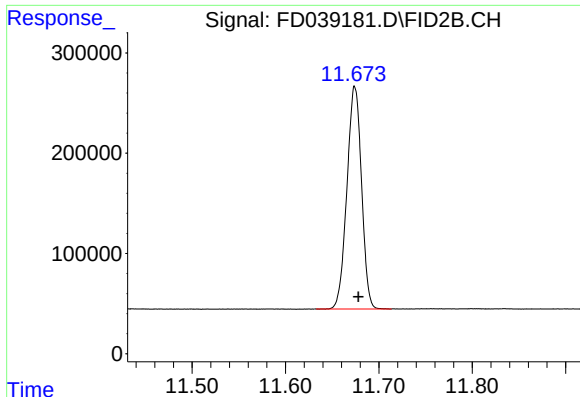
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.004 min
Response: 2359781
Conc: 18.09 ug/ml



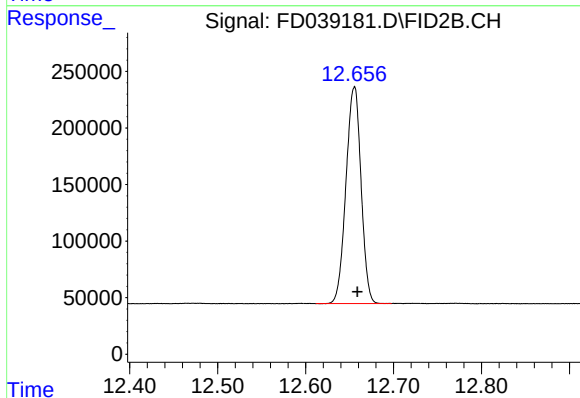
#8 n-Octadecane (C18)

R.T.: 11.349 min
Delta R.T.: -0.004 min
Response: 2362610
Conc: 17.67 ug/ml



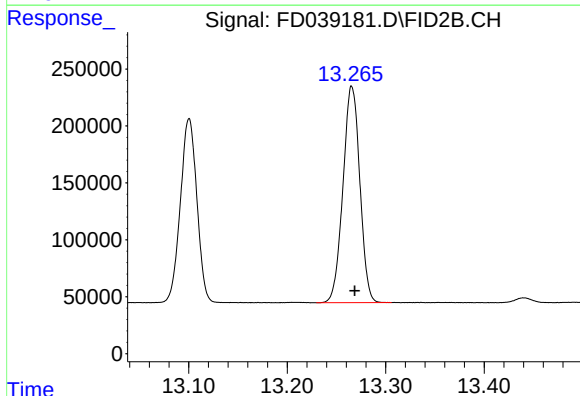
#9 ortho-Terphenyl (SURR)

R.T.: 11.674 min
Delta R.T.: -0.004 min
Response: 2415240
Conc: 17.02 ug/ml



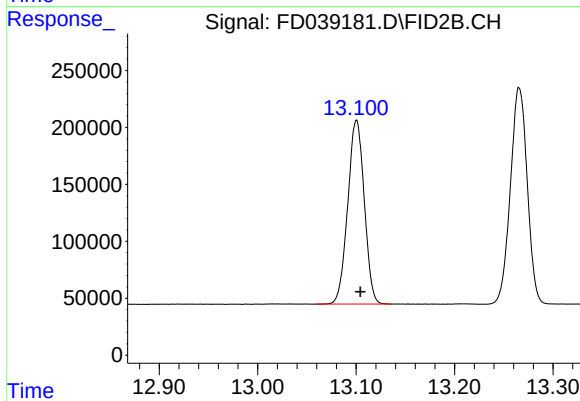
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.004 min
Response: 2285167
Conc: 17.23 ug/ml



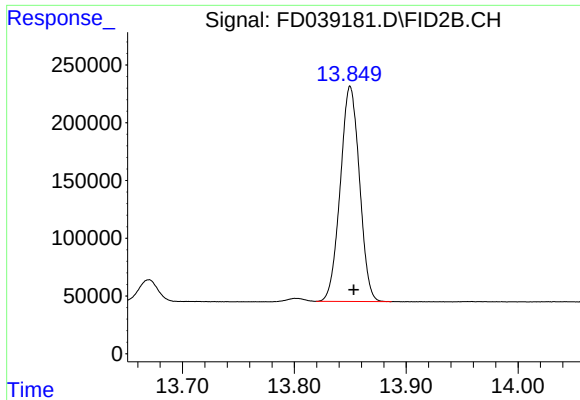
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.003 min
Response: 2263381
Conc: 16.90 ug/ml



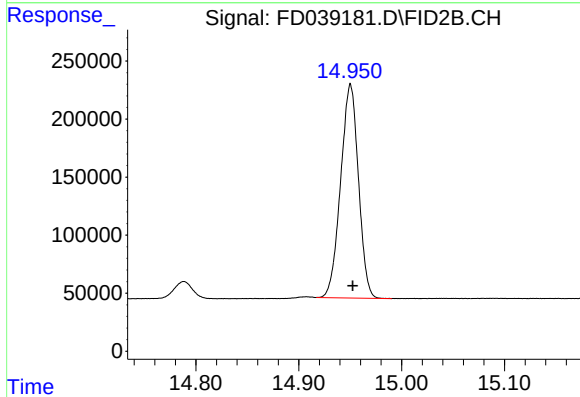
#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: -0.004 min
Response: 1883799
Conc: 16.75 ug/ml



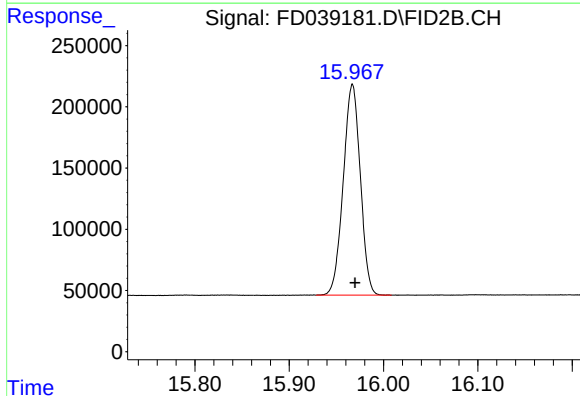
#13 n-Docosane (C22)

R.T.: 13.850 min
Delta R.T.: -0.003 min
Response: 2223831
Conc: 16.76 ug/ml



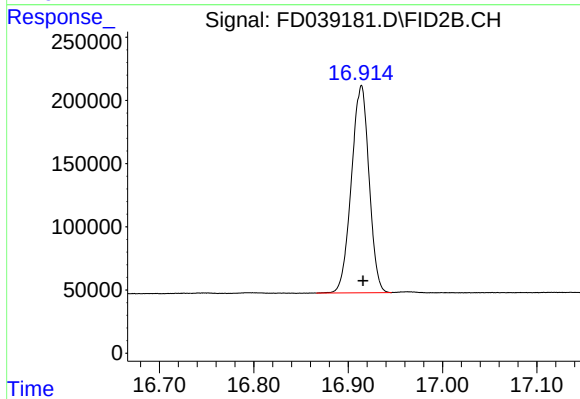
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.002 min
Response: 2217616
Conc: 16.74 ug/ml



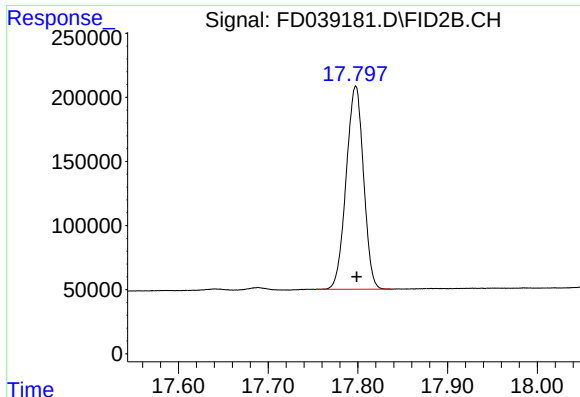
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.003 min
Response: 2168260
Conc: 16.85 ug/ml



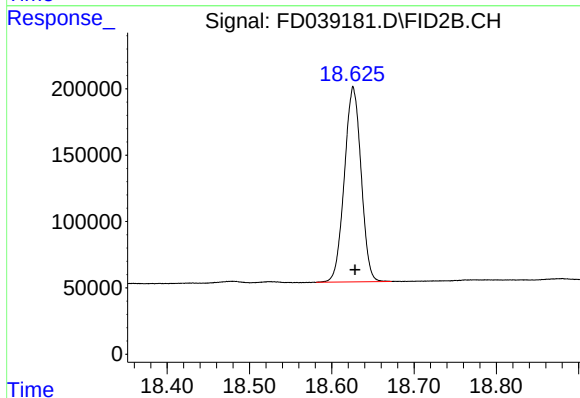
#16 n-Octacosane (C28)

R.T.: 16.914 min
Delta R.T.: -0.002 min
Response: 2134195
Conc: 16.93 ug/ml



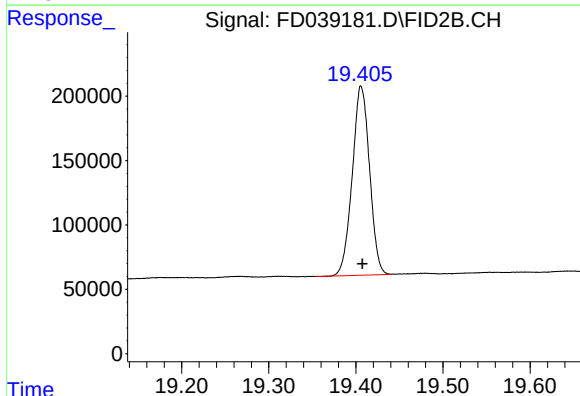
#17 n-Tricontane (C30)

R.T.: 17.798 min
Delta R.T.: 0.000 min
Response: 2130787
Conc: 17.47 ug/ml



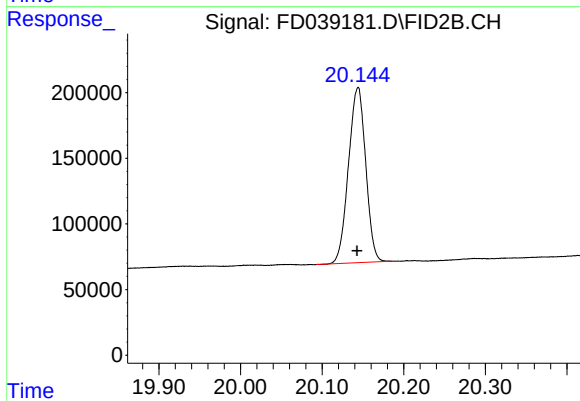
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: -0.002 min
Response: 2070426
Conc: 17.86 ug/ml



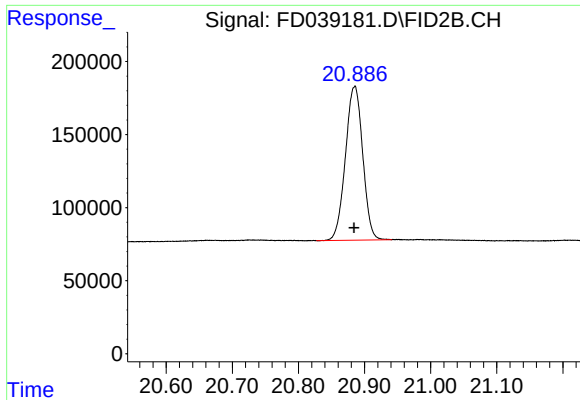
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: -0.002 min
Response: 2024275
Conc: 18.75 ug/ml



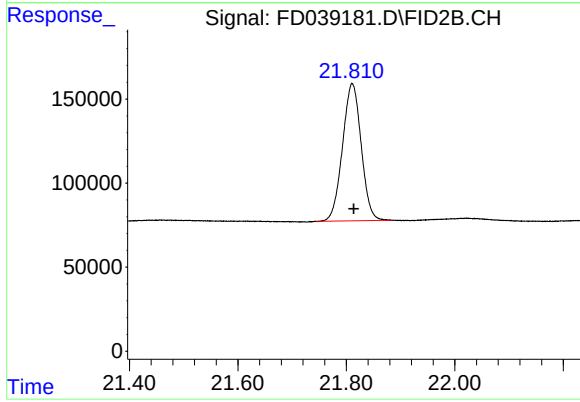
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: 0.001 min
Response: 1958665
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: 0.000 min
Response: 1912576
Conc: 21.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.811 min
Delta R.T.: -0.003 min
Response: 1954597
Conc: 22.19 ug/ml