

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012521AL\
 Data File : FD036161.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2021 10:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 03:55:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 02:11:59 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)	11.523	2750460	18.555 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
12) S 1-chlorooctadecane (S...	12.955	2125751	18.072 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
Target Compounds			
1) T n-Nonane (C9)	3.313	2750604	21.336 ug/ml
2) T n-Decane (C10)	4.376	2781476	21.376 ug/ml
3) T A~Naphthalene (C11.7)	5.955	3059411	20.890 ug/ml
4) T n-Dodecane (C12)	6.389	2824573	21.241 ug/ml
5) T A~2-methylnaphthalene...	7.008	3087350	20.556 ug/ml
6) T n-Tetradecane (C14)	8.178	2785400	20.844 ug/ml
7) T n-Hexadecane (C16)	9.773	2666255	20.146 ug/ml
8) T n-Octadecane (C18)	11.209	2681703	19.490 ug/ml
10) T n-Eicosane (C20)	12.513	2588066	18.731 ug/ml
11) T n-Heneicosane (C21)	13.123	2529962	18.308 ug/ml
13) T n-Docosane (C22)	13.706	2469719	17.989 ug/ml
14) T n-Tetracosane (C24)	14.804	2350309	17.289 ug/ml
15) T n-Hexacosane (C26)	15.819	2229889	16.797 ug/ml
16) T n-Octacosane (C28)	16.764	2139067	16.533 ug/ml
17) T n-Tricontane (C30)	17.646	2068657	16.778 ug/ml
18) T n-Dotriacontane (C32)	18.473	1922516	17.443 ug/ml
19) T n-Tetratriacontane (C34)	19.253	1827316	18.433 ug/ml
20) T n-Hexatriacontane (C36)	19.988	1744142	19.392 ug/ml
21) T n-Octatriacontane (C38)	20.702	1685390	20.286 ug/ml
22) T n-Tetracontane (C40)	21.566	1785086	21.224 ug/ml

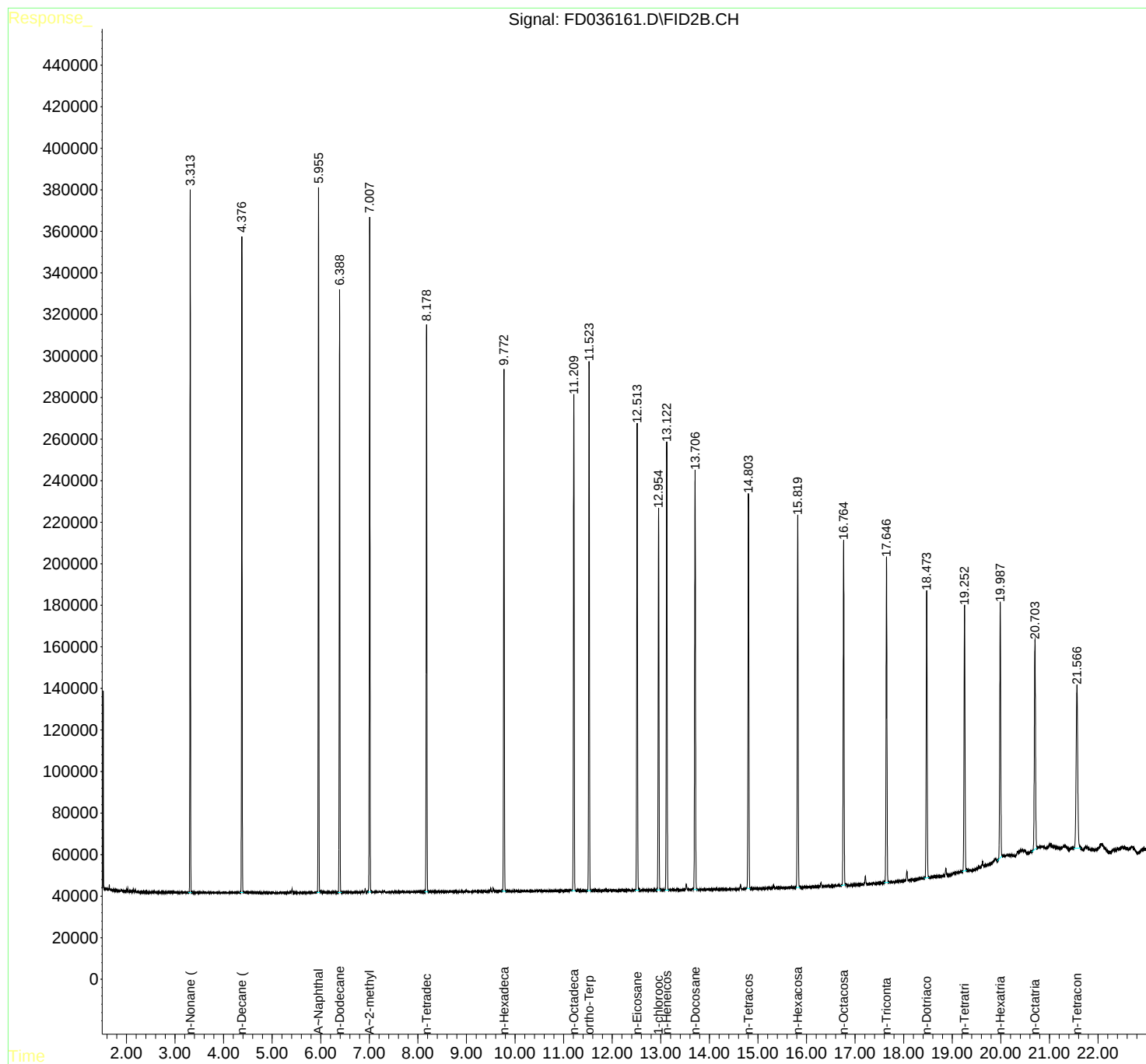
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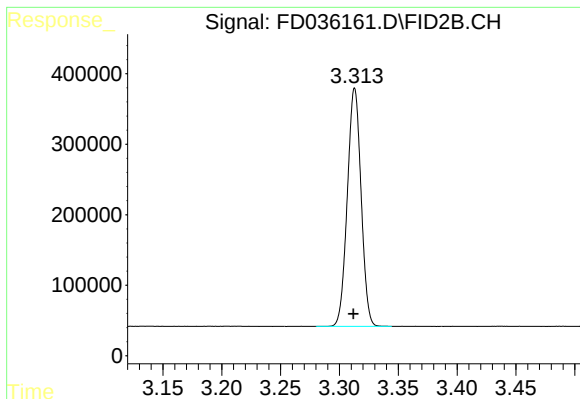
(m)=manual int.

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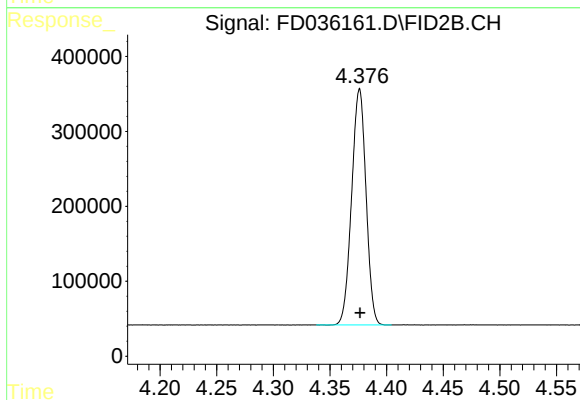
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





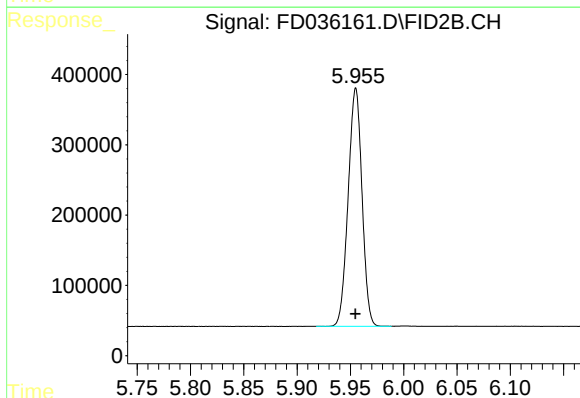
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: 0.001 min
Response: 2750604
Conc: 21.34 ug/ml



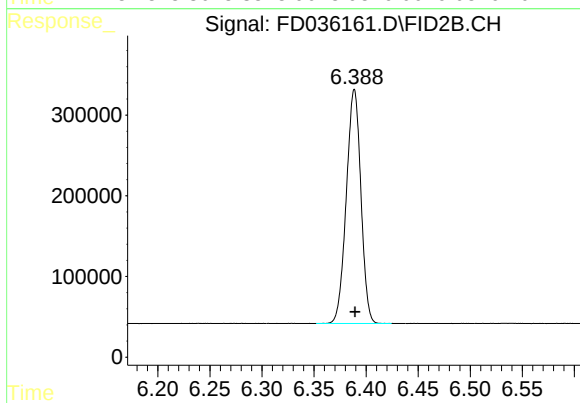
#2 n-Decane (C10)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2781476
Conc: 21.38 ug/ml



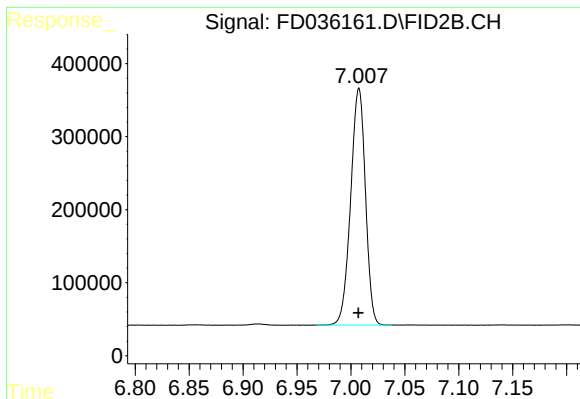
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 3059411
Conc: 20.89 ug/ml



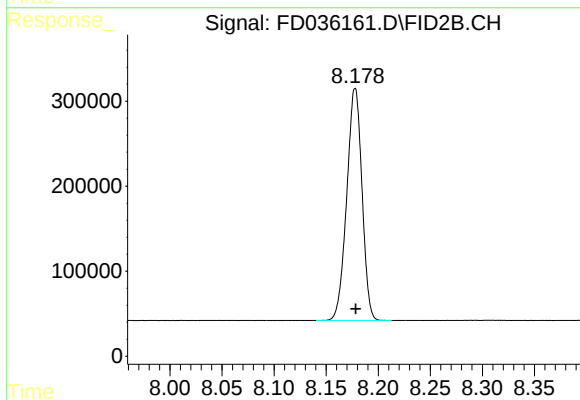
#4 n-Dodecane (C12)

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 2824573
Conc: 21.24 ug/ml



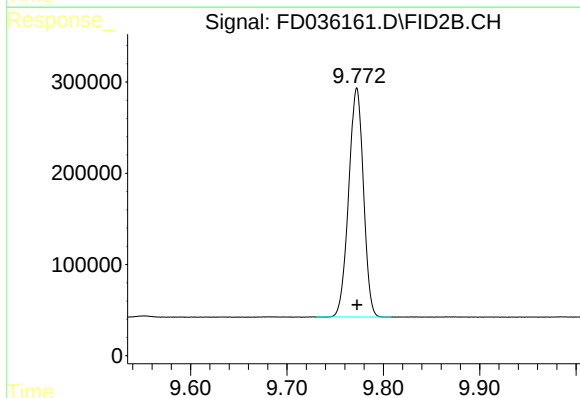
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 3087350
Conc: 20.56 ug/ml



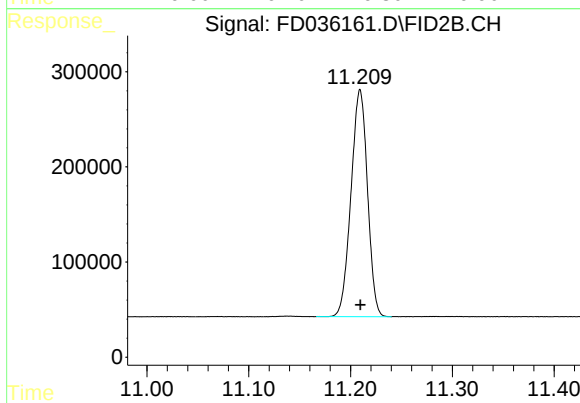
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2785400
Conc: 20.84 ug/ml



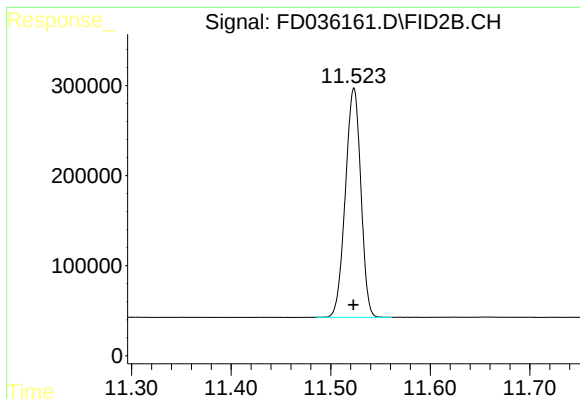
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 2666255
Conc: 20.15 ug/ml



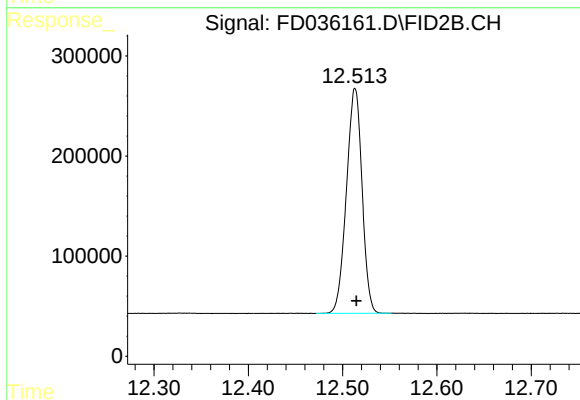
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 2681703
Conc: 19.49 ug/ml



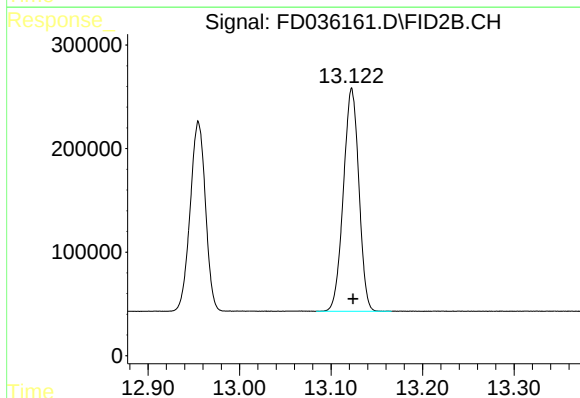
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: 0.000 min
Response: 2750460
Conc: 18.55 ug/ml



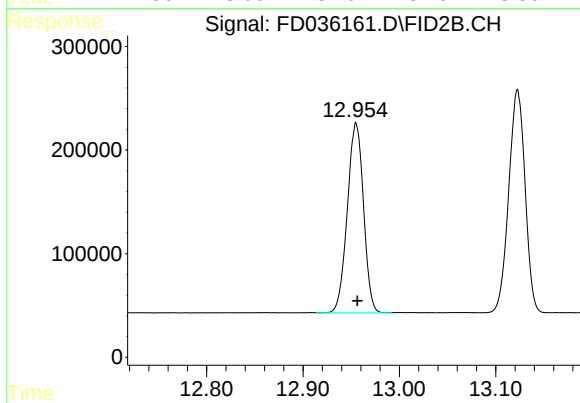
#10 n-Eicosane (C20)

R.T.: 12.513 min
Delta R.T.: -0.001 min
Response: 2588066
Conc: 18.73 ug/ml



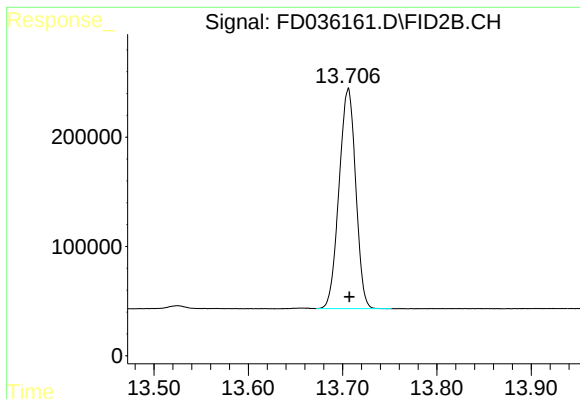
#11 n-Heneicosane (C21)

R.T.: 13.123 min
Delta R.T.: -0.001 min
Response: 2529962
Conc: 18.31 ug/ml



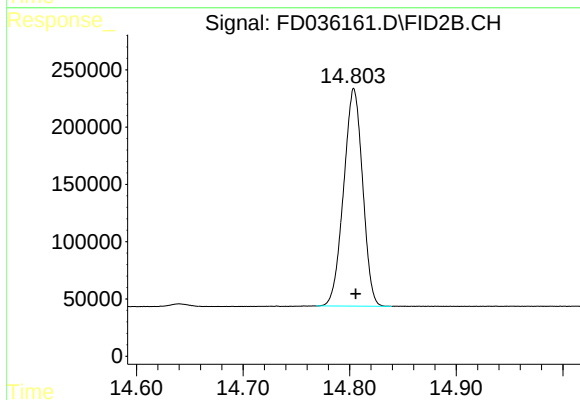
#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: -0.002 min
Response: 2125751
Conc: 18.07 ug/ml



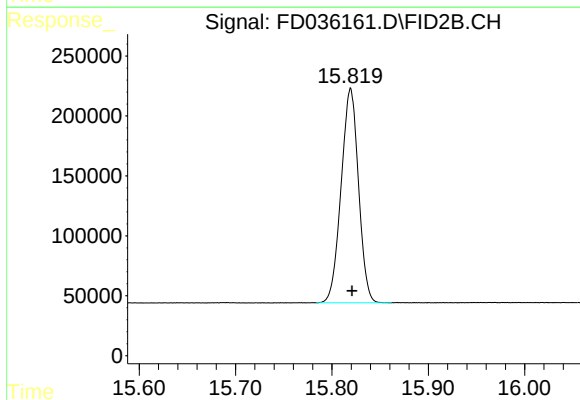
#13 n-Docosane (C22)

R.T.: 13.706 min
Delta R.T.: -0.001 min
Response: 2469719
Conc: 17.99 ug/ml



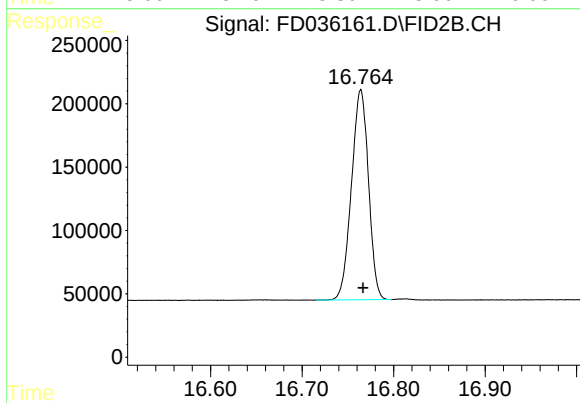
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: -0.002 min
Response: 2350309
Conc: 17.29 ug/ml



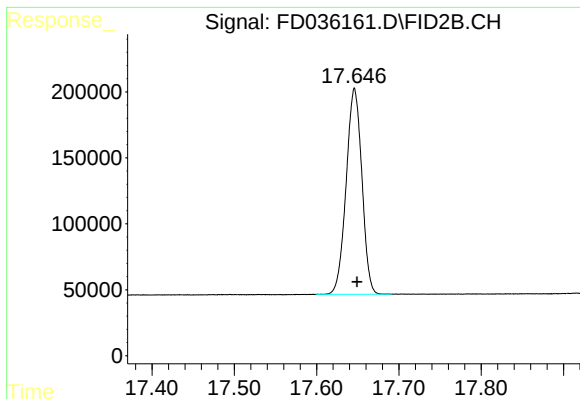
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.002 min
Response: 2229889
Conc: 16.80 ug/ml



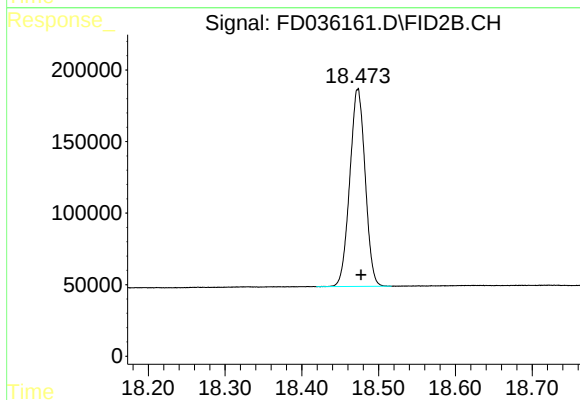
#16 n-Octacosane (C28)

R.T.: 16.764 min
Delta R.T.: -0.003 min
Response: 2139067
Conc: 16.53 ug/ml



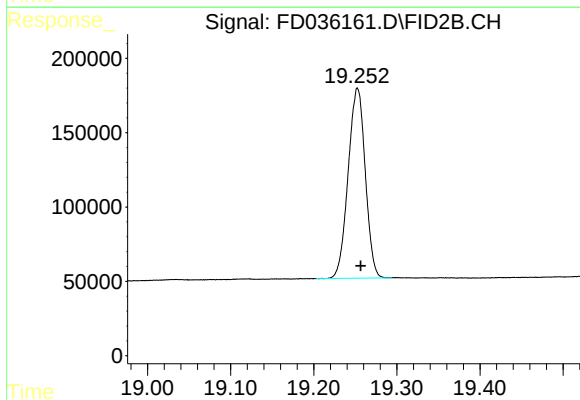
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: -0.003 min
Response: 2068657
Conc: 16.78 ug/ml



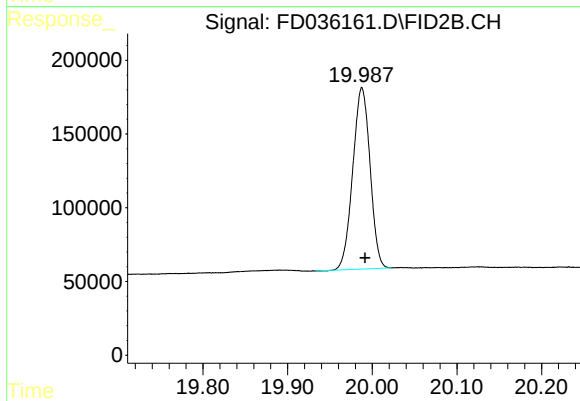
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: -0.004 min
Response: 1922516
Conc: 17.44 ug/ml



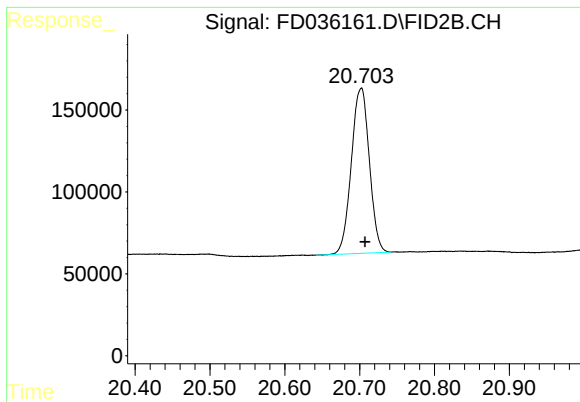
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.004 min
Response: 1827316
Conc: 18.43 ug/ml



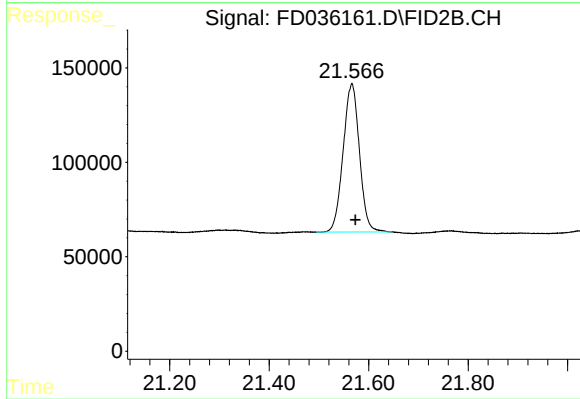
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: -0.004 min
Response: 1744142
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.005 min
Response: 1685390
Conc: 20.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.566 min
Delta R.T.: -0.007 min
Response: 1785086
Conc: 21.22 ug/ml