

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012221AL\
 Data File : FD036144.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jan 2021 11:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 22:03:13 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	2829370	19.087 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
12) S 1-chlorooctadecane (S...	12.955	2201155	18.713 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T n-Nonane (C9)	3.312	2687152	20.844 ug/ml
2) T n-Decane (C10)	4.375	2725979	20.949 ug/ml
3) T A~Naphthalene (C11.7)	5.953	3048243	20.814 ug/ml
4) T n-Dodecane (C12)	6.387	2780675	20.911 ug/ml
5) T A~2-methylnaphthalene...	7.005	3098314	20.629 ug/ml
6) T n-Tetradecane (C14)	8.176	2764884	20.691 ug/ml
7) T n-Hexadecane (C16)	9.772	2680070	20.250 ug/ml
8) T n-Octadecane (C18)	11.209	2723660	19.795 ug/ml
10) T n-Eicosane (C20)	12.514	2654173	19.210 ug/ml
11) T n-Heneicosane (C21)	13.122	2602016	18.829 ug/ml
13) T n-Docosane (C22)	13.706	2542780	18.521 ug/ml
14) T n-Tetracosane (C24)	14.804	2437342	17.929 ug/ml
15) T n-Hexacosane (C26)	15.819	2312079	17.416 ug/ml
16) T n-Octacosane (C28)	16.765	2216645	17.132 ug/ml
17) T n-Tricontane (C30)	17.647	2131311	17.286 ug/ml
18) T n-Dotriacontane (C32)	18.475	1975846	17.927 ug/ml
19) T n-Tetratriacontane (C34)	19.254	1880351	18.968 ug/ml
20) T n-Hexatriacontane (C36)	19.989	1794209	19.948 ug/ml
21) T n-Octatriacontane (C38)	20.705	1742880	20.978 ug/ml
22) T n-Tetracontane (C40)	21.568	1820688	21.647 ug/ml

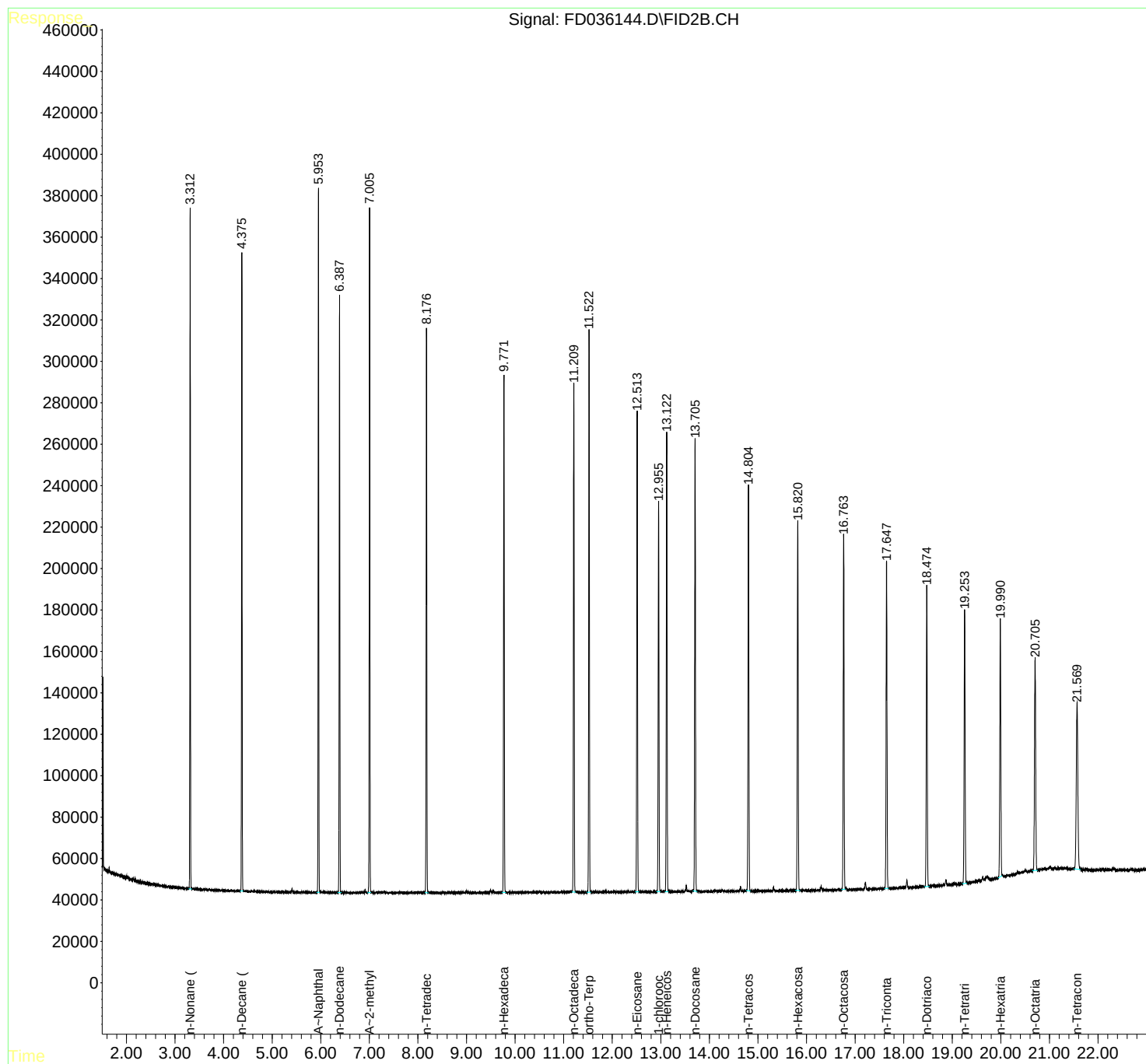
(f)=RT Delta > 1/2 Window

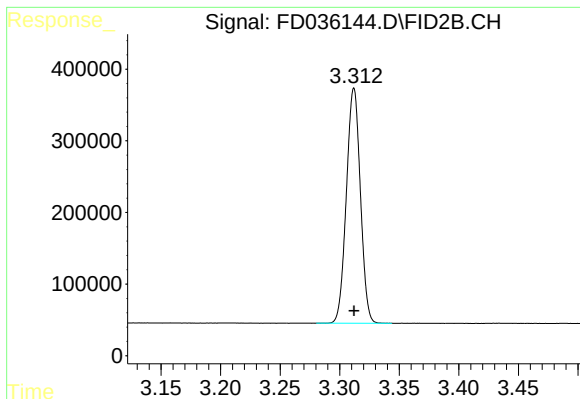
(m)=manual int.

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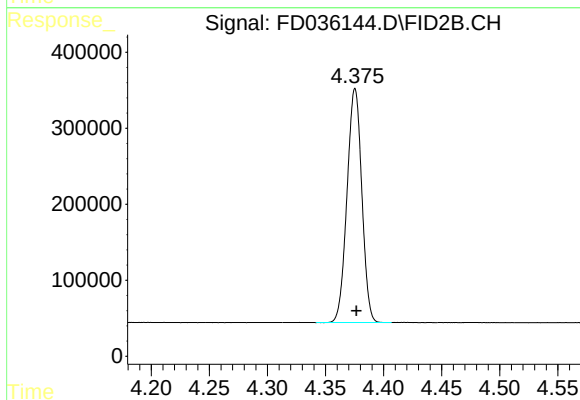
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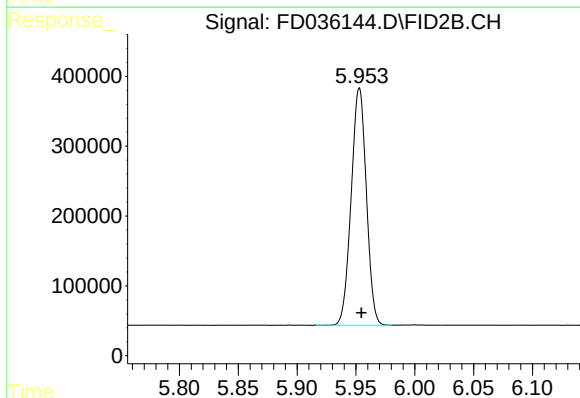
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 2687152
Conc: 20.84 ug/ml



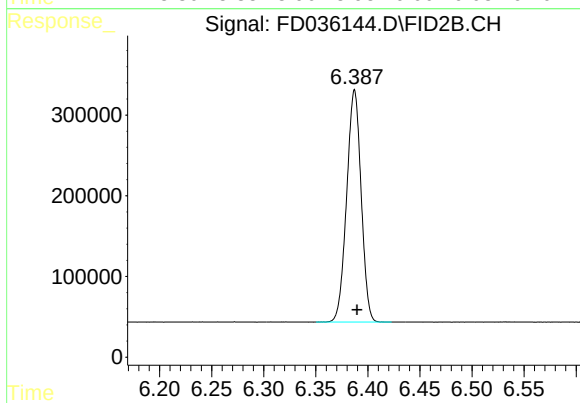
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.001 min
Response: 2725979
Conc: 20.95 ug/ml



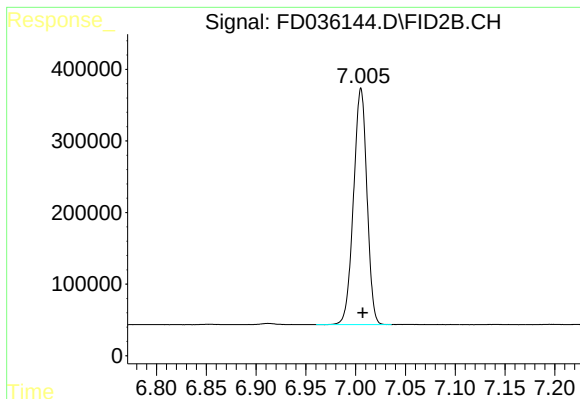
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 3048243
Conc: 20.81 ug/ml



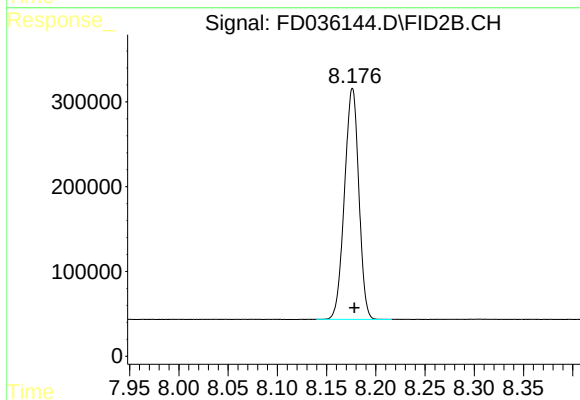
#4 n-Dodecane (C12)

R.T.: 6.387 min
Delta R.T.: -0.002 min
Response: 2780675
Conc: 20.91 ug/ml



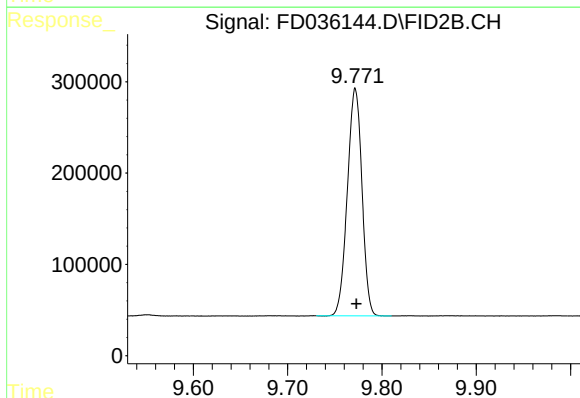
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 3098314
Conc: 20.63 ug/ml



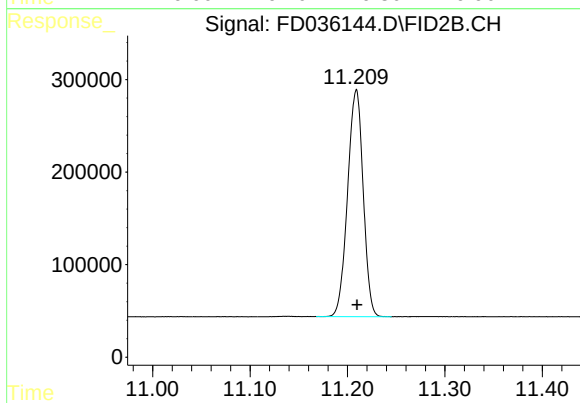
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 2764884
Conc: 20.69 ug/ml



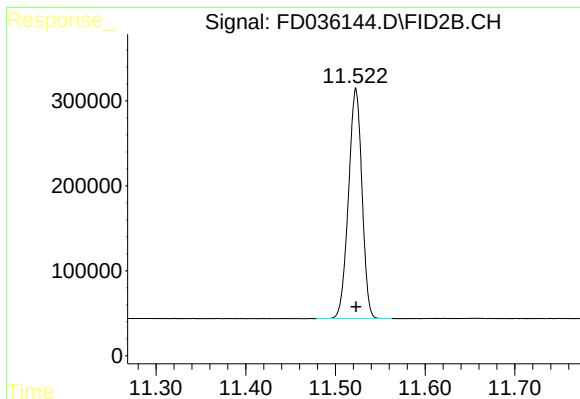
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 2680070
Conc: 20.25 ug/ml



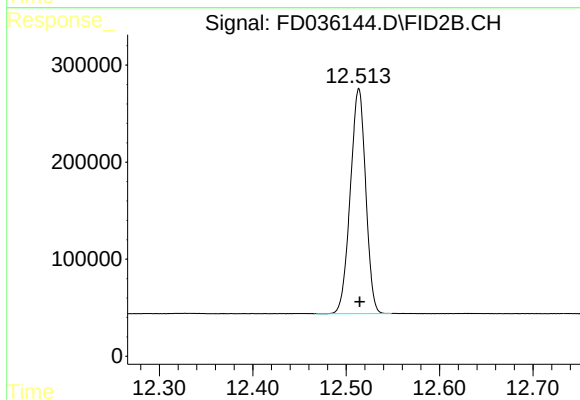
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 2723660
Conc: 19.80 ug/ml



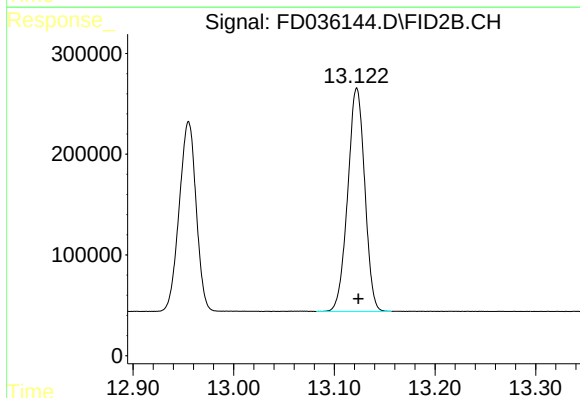
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: 0.000 min
Response: 2829370
Conc: 19.09 ug/ml



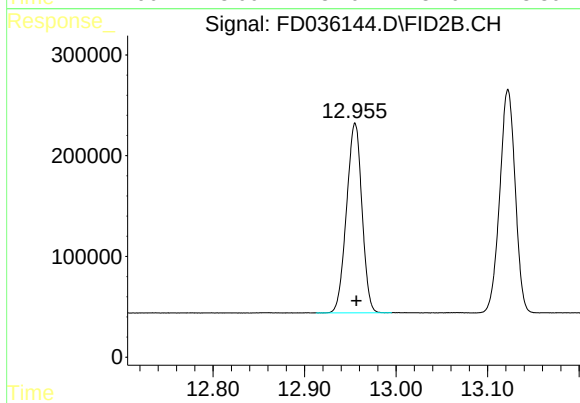
#10 n-Eicosane (C20)

R.T.: 12.514 min
Delta R.T.: 0.000 min
Response: 2654173
Conc: 19.21 ug/ml



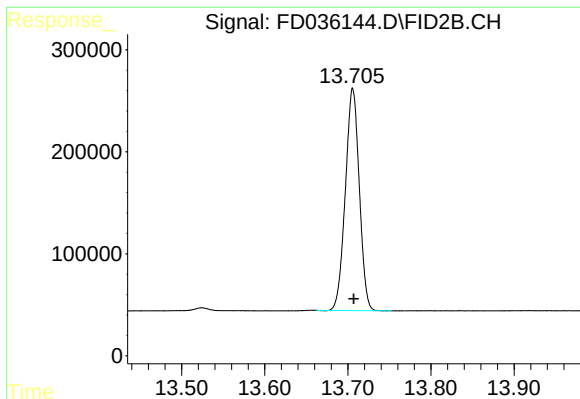
#11 n-Heneicosane (C21)

R.T.: 13.122 min
Delta R.T.: -0.002 min
Response: 2602016
Conc: 18.83 ug/ml



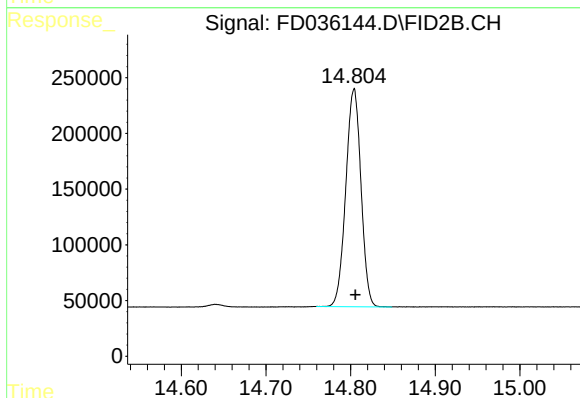
#12 1-chlorooctadecane (SURR)

R.T.: 12.955 min
Delta R.T.: -0.001 min
Response: 2201155
Conc: 18.71 ug/ml



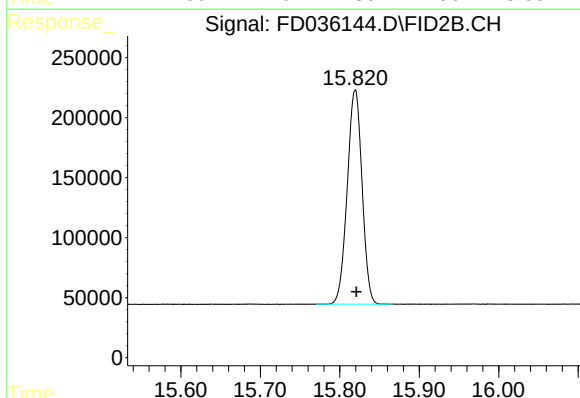
#13 n-Docosane (C22)

R.T.: 13.706 min
Delta R.T.: -0.001 min
Response: 2542780
Conc: 18.52 ug/ml



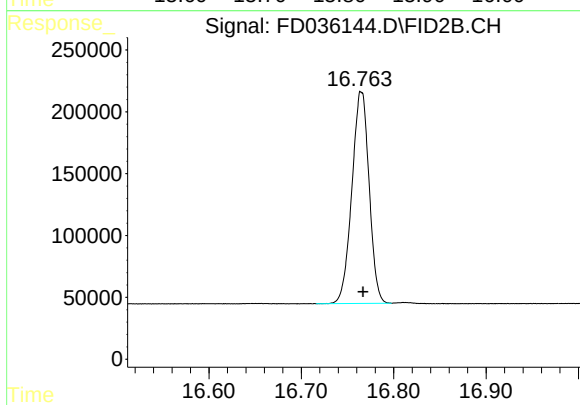
#14 n-Tetracosane (C24)

R.T.: 14.804 min
Delta R.T.: -0.002 min
Response: 2437342
Conc: 17.93 ug/ml



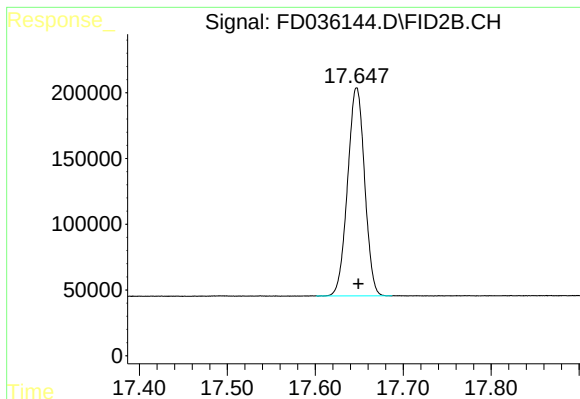
#15 n-Hexacosane (C26)

R.T.: 15.819 min
Delta R.T.: -0.002 min
Response: 2312079
Conc: 17.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: -0.002 min
Response: 2216645
Conc: 17.13 ug/ml



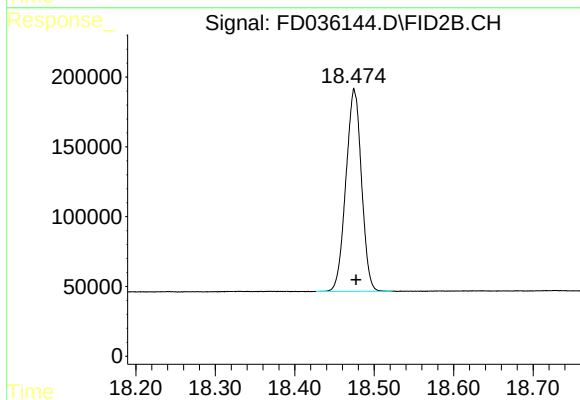
#17 n-Tricontane (C30)

R.T.: 17.647 min

Delta R.T.: -0.002 min

Response: 2131311

Conc: 17.29 ug/ml



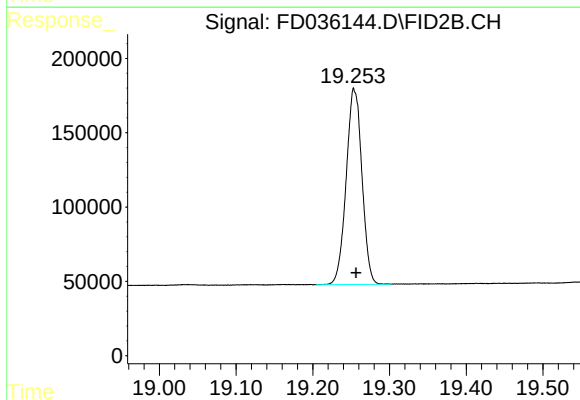
#18 n-Dotriacontane (C32)

R.T.: 18.475 min

Delta R.T.: -0.002 min

Response: 1975846

Conc: 17.93 ug/ml



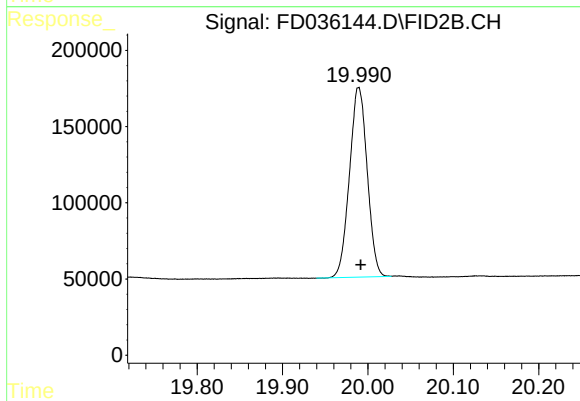
#19 n-Tetratriacontane (C34)

R.T.: 19.254 min

Delta R.T.: -0.003 min

Response: 1880351

Conc: 18.97 ug/ml



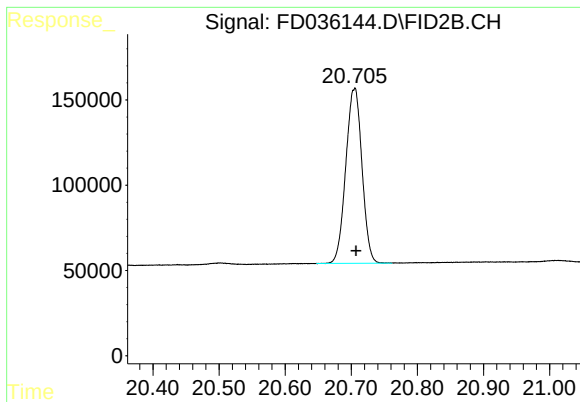
#20 n-Hexatriacontane (C36)

R.T.: 19.989 min

Delta R.T.: -0.002 min

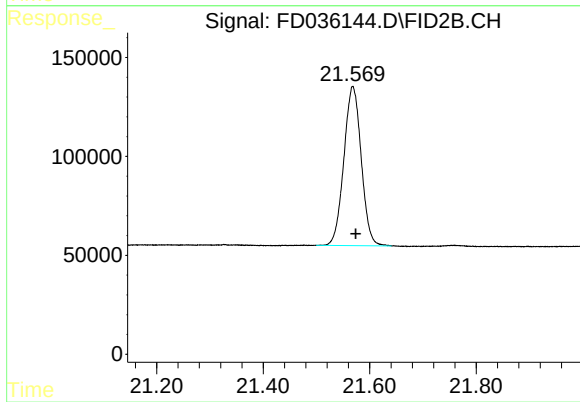
Response: 1794209

Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: -0.002 min
Response: 1742880
Conc: 20.98 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.005 min
Response: 1820688
Conc: 21.65 ug/ml