

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101619AL\
 Data File : FD031058.D
 Signal(s) : FID2B.CH
 Acq On : 17 Oct 2019 8:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 08:16:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 07:46:23 2019
 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)	11.444	2394973	19.096 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	12.873	1771162	18.917 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.270	2180845	20.849 ug/ml
2) T n-Decane (C10)	4.326	2195118	20.940 ug/ml
3) T A-Naphthalene (C11.7)	5.897	2404889	20.988 ug/ml
4) T n-Dodecane (C12)	6.329	2218813	20.744 ug/ml
5) T A~2-methylnaphthalene...	6.946	2410161	20.908 ug/ml
6) T n-Tetradecane (C14)	8.112	2198587	20.443 ug/ml
7) T n-Hexadecane (C16)	9.702	2174368	20.190 ug/ml
8) T n-Octadecane (C18)	11.133	2142128	19.593 ug/ml
10) T n-Eicosane (C20)	12.432	2091214	19.125 ug/ml
11) T n-Heneicosane (C21)	13.040	2083544	18.957 ug/ml
13) T n-Docosane (C22)	13.621	2047079	18.718 ug/ml
14) T n-Tetracosane (C24)	14.715	2002459	18.336 ug/ml
15) T n-Hexacosane (C26)	15.729	1934550	17.876 ug/ml
16) T n-Octacosane (C28)	16.671	1883510	17.545 ug/ml
17) T n-Tricontane (C30)	17.550	1880288	17.652 ug/ml
18) T n-Dotriacontane (C32)	18.376	1860858	18.076 ug/mlm
19) T n-Tetratriacontane (C34)	19.153	1845833	18.783 ug/mlm
20) T n-Hexatriacontane (C36)	19.887	1775001	19.269 ug/mlm
21) T n-Octatriacontane (C38)	20.589	1710592	19.766 ug/mlm
22) T n-Tetracontane (C40)	21.421	1868341	21.027 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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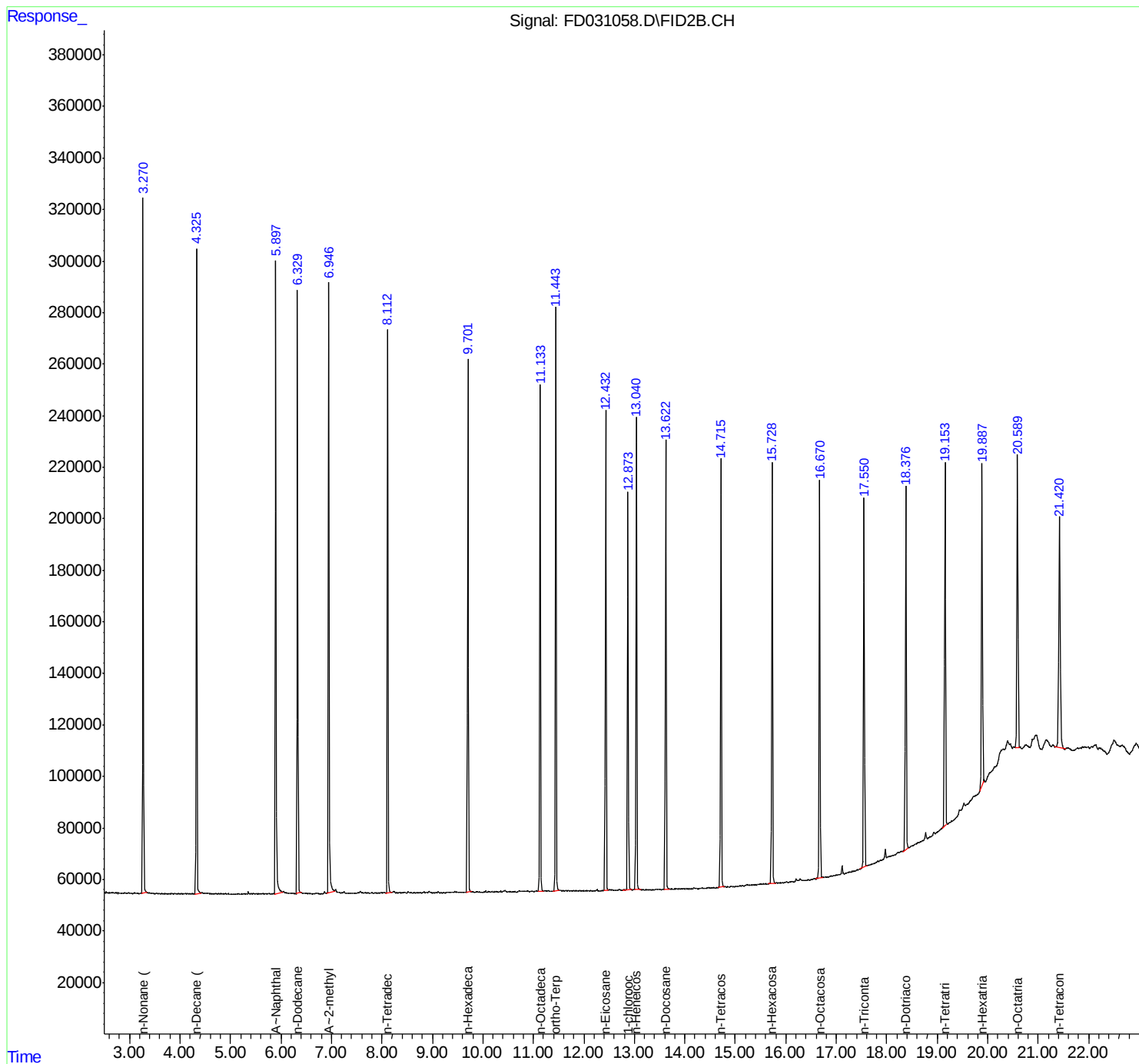
Response via : Initial Calibration

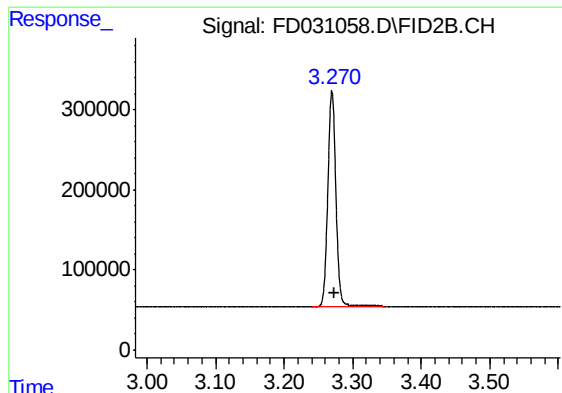
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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Signal Phase : Rxi-1ms

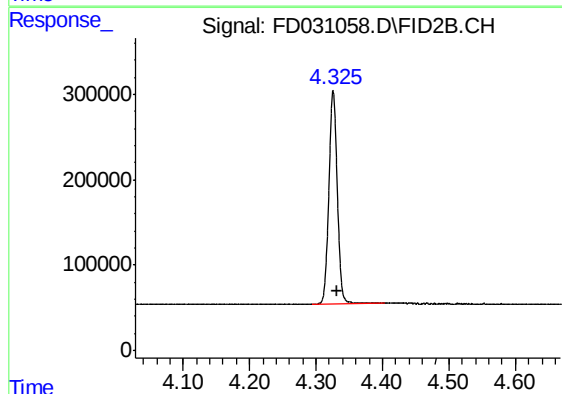
Signal Info : 20M x 0.18mm x 0.18um





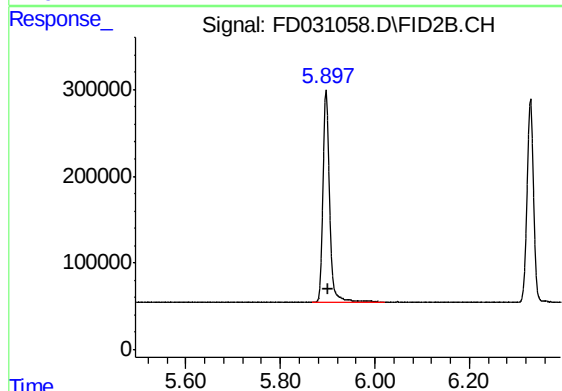
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 2180845
Conc: 20.85 ug/ml



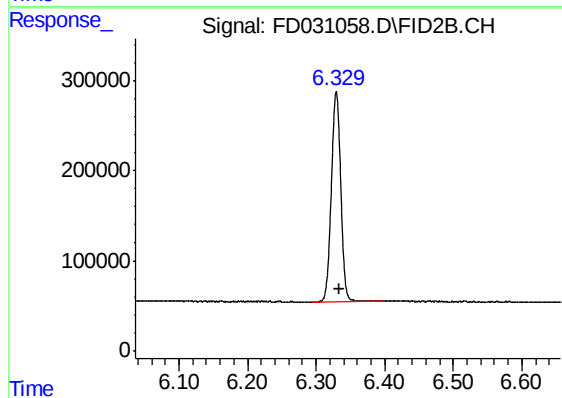
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: -0.005 min
Response: 2195118
Conc: 20.94 ug/ml



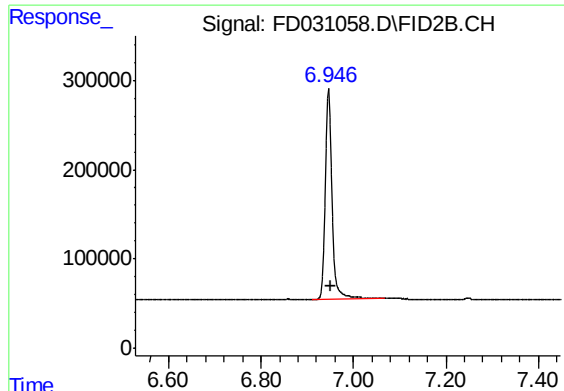
#3 A~Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 2404889
Conc: 20.99 ug/ml



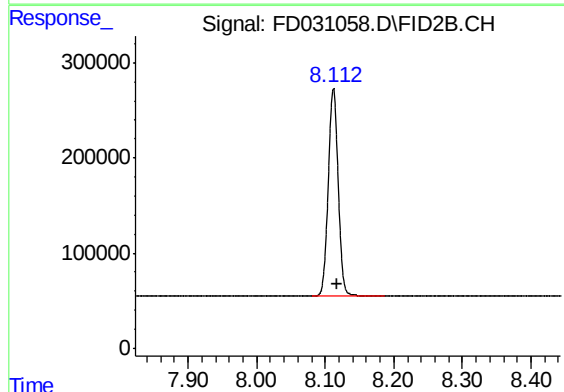
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: -0.005 min
Response: 2218813
Conc: 20.74 ug/ml



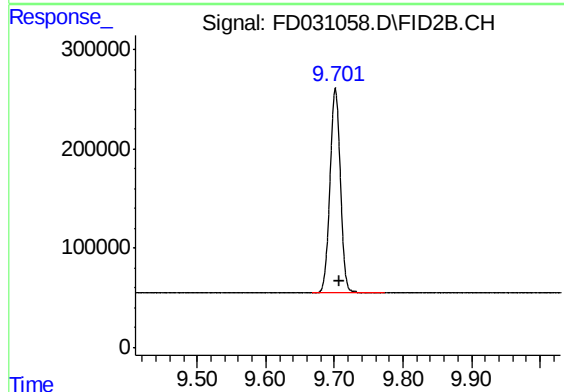
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.004 min
Response: 2410161
Conc: 20.91 ug/ml



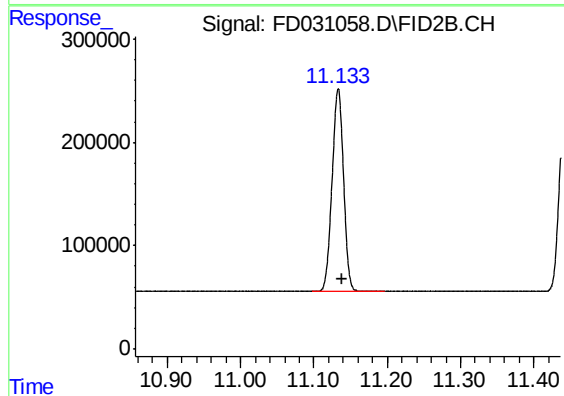
#6 n-Tetradecane (C14)

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 2198587
Conc: 20.44 ug/ml



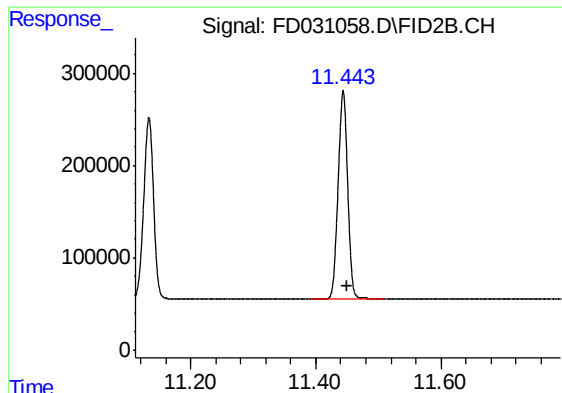
#7 n-Hexadecane (C16)

R.T.: 9.702 min
Delta R.T.: -0.005 min
Response: 2174368
Conc: 20.19 ug/ml



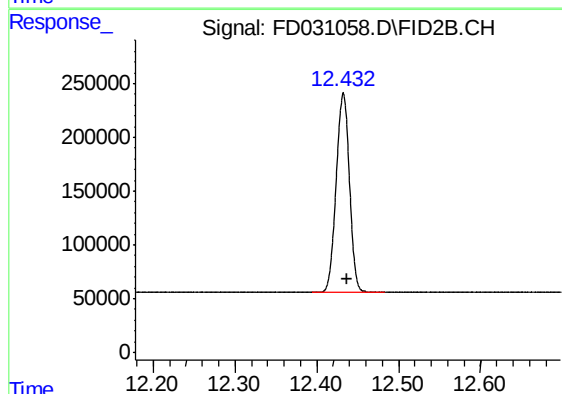
#8 n-Octadecane (C18)

R.T.: 11.133 min
Delta R.T.: -0.006 min
Response: 2142128
Conc: 19.59 ug/ml



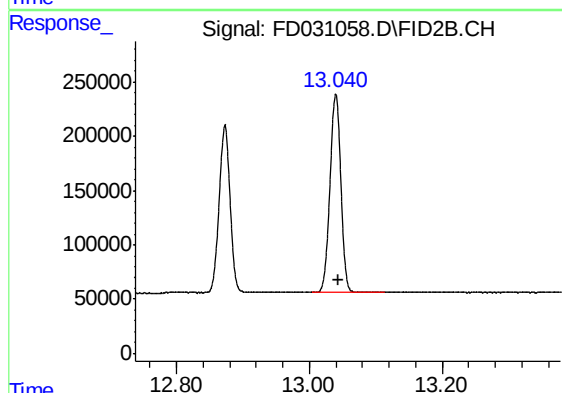
#9 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: -0.007 min
Response: 2394973
Conc: 19.10 ug/ml



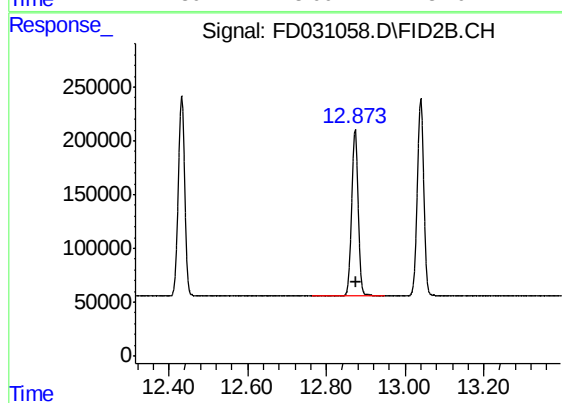
#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: -0.004 min
Response: 2091214
Conc: 19.12 ug/ml



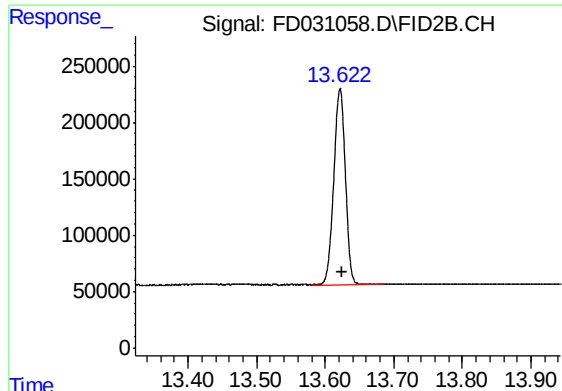
#11 n-Heneicosane (C21)

R.T.: 13.040 min
Delta R.T.: -0.004 min
Response: 2083544
Conc: 18.96 ug/ml



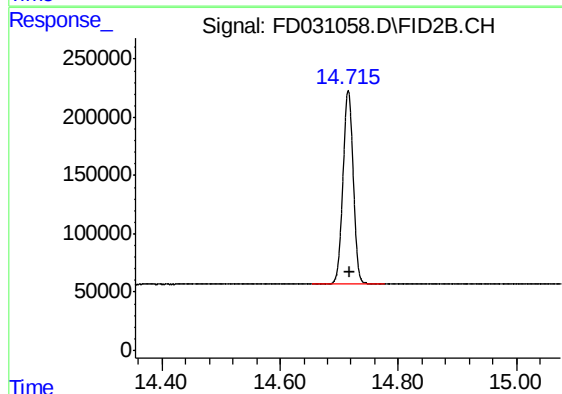
#12 1-chlorooctadecane (SURR)

R.T.: 12.873 min
Delta R.T.: -0.004 min
Response: 1771162
Conc: 18.92 ug/ml



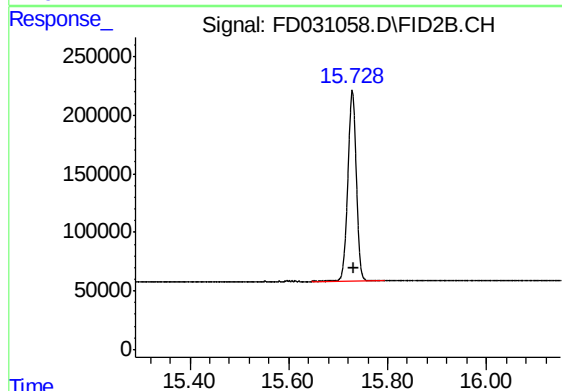
#13 n-Docosane (C22)

R.T.: 13.621 min
Delta R.T.: -0.004 min
Response: 2047079
Conc: 18.72 ug/ml



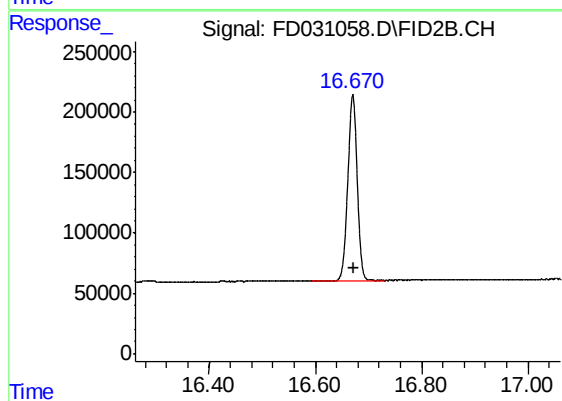
#14 n-Tetracosane (C24)

R.T.: 14.715 min
Delta R.T.: -0.003 min
Response: 2002459
Conc: 18.34 ug/ml



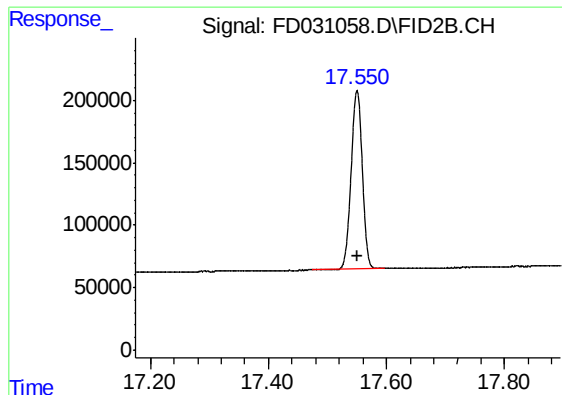
#15 n-Hexacosane (C26)

R.T.: 15.729 min
Delta R.T.: -0.002 min
Response: 1934550
Conc: 17.88 ug/ml



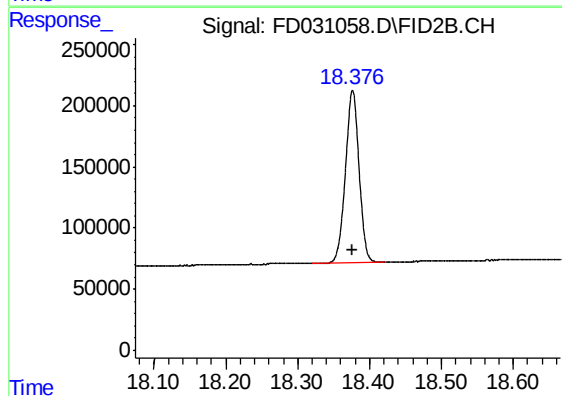
#16 n-Octacosane (C28)

R.T.: 16.671 min
Delta R.T.: -0.001 min
Response: 1883510
Conc: 17.54 ug/ml



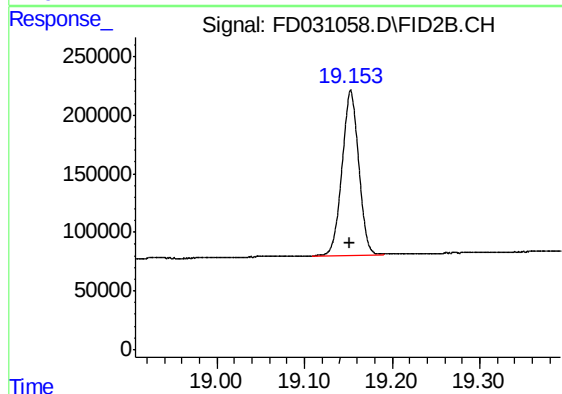
#17 n-Tricontane (C30)

R.T.: 17.550 min
Delta R.T.: -0.001 min
Response: 1880288
Conc: 17.65 ug/ml



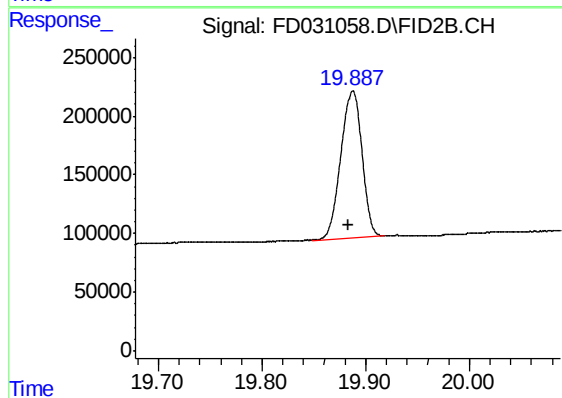
#18 n-Dotriacontane (C32)

R.T.: 18.376 min
Delta R.T.: 0.000 min
Response: 1860858
Conc: 18.08 ug/ml m



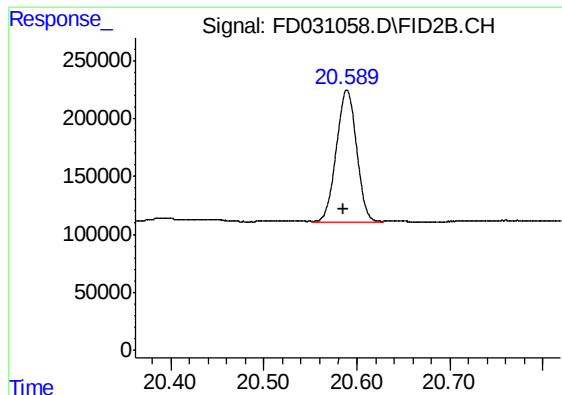
#19 n-Tetatriacontane (C34)

R.T.: 19.153 min
Delta R.T.: 0.000 min
Response: 1845833
Conc: 18.78 ug/ml m



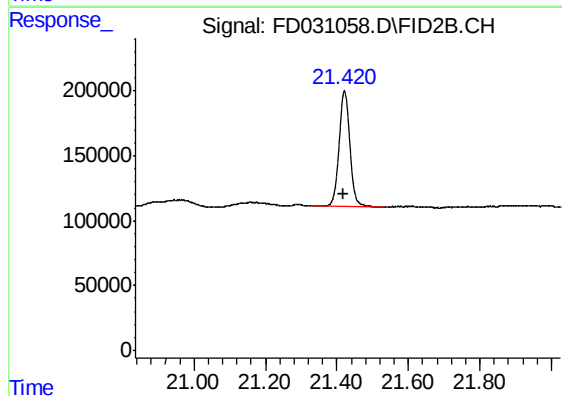
#20 n-Hexatriacontane (C36)

R.T.: 19.887 min
Delta R.T.: 0.003 min
Response: 1775001
Conc: 19.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.589 min
Delta R.T.: 0.003 min
Response: 1710592
Conc: 19.77 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.421 min
Delta R.T.: 0.003 min
Response: 1868341
Conc: 21.03 ug/ml