

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022119AL\
 Data File : FD027892.D
 Signal(s) : FID2B.CH
 Acq On : 22 Feb 2019 3:29
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 05:58:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 08:23:12 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)	11.222	2469942	21.500 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
12) S 1-chlorooctadecane (S...	12.664	1753789	20.544 ug/ml
Spiked Amount 50.000		Recovery =	41.09%
Target Compounds			
1) T n-Nonane (C9)	3.067	1920396	23.419 ug/ml
2) T n-Decane (C10)	4.122	1966369	23.885 ug/ml
3) T A~Naphthalene (C11.7)	5.675	2210072	23.727 ug/ml
4) T n-Dodecane (C12)	6.126	2010731	24.469 ug/ml
5) T A~2-methylnaphthalene...	6.724	2226099	23.851 ug/ml
6) T n-Tetradecane (C14)	7.908	2041057	24.288 ug/ml
7) T n-Hexadecane (C16)	9.497	2030363	23.926 ug/ml
8) T n-Octadecane (C18)	10.928	1980875	22.739 ug/ml
10) T n-Eicosane (C20)	12.228	1909349	22.235 ug/ml
11) T n-Heneicosane (C21)	12.835	1862522	22.103 ug/mlm
13) T n-Docosane (C22)	13.417	1834562	21.724 ug/ml
14) T n-Tetracosane (C24)	14.512	1810800	21.372 ug/ml
15) T n-Hexacosane (C26)	15.525	1793990	21.236 ug/ml
16) T n-Octacosane (C28)	16.468	1803523	21.186 ug/ml
17) T n-Tricontane (C30)	17.348	1801279	21.383 ug/ml
18) T n-Dotriacontane (C32)	18.176	1745680	21.159 ug/ml
19) T n-Tetratriacontane (C34)	18.952	1543246	21.288 ug/ml
20) T n-Hexatriacontane (C36)	19.686	1377136	21.733 ug/ml
21) T n-Octatriacontane (C38)	20.381	1271000	21.386 ug/ml
22) T n-Tetracontane (C40)	21.150	1229764	21.469 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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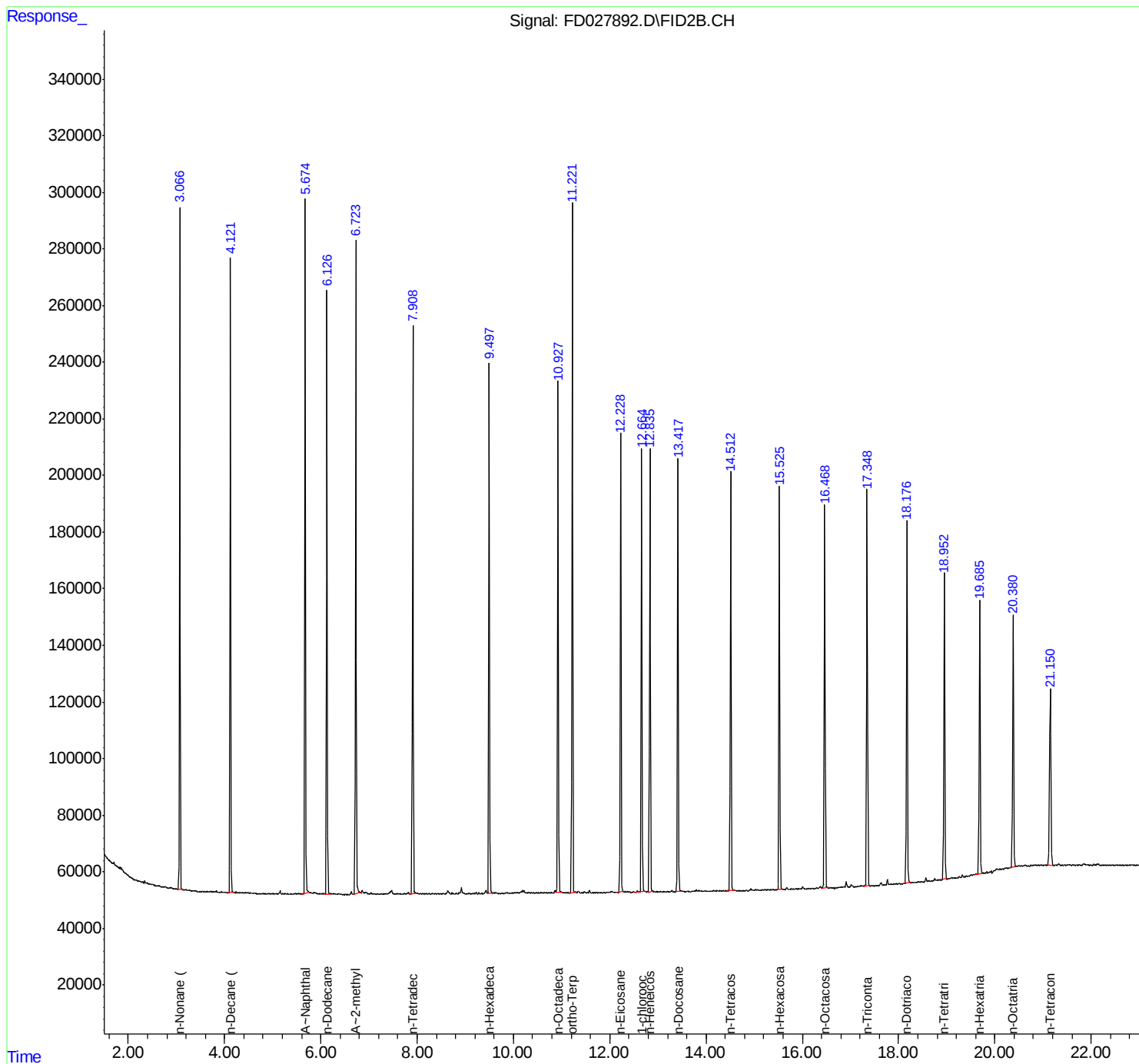
Response via : Initial Calibration

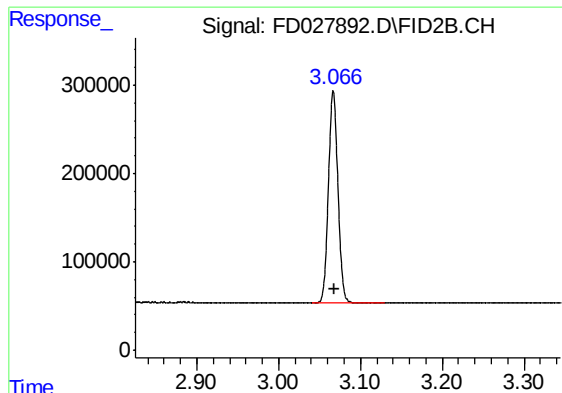
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

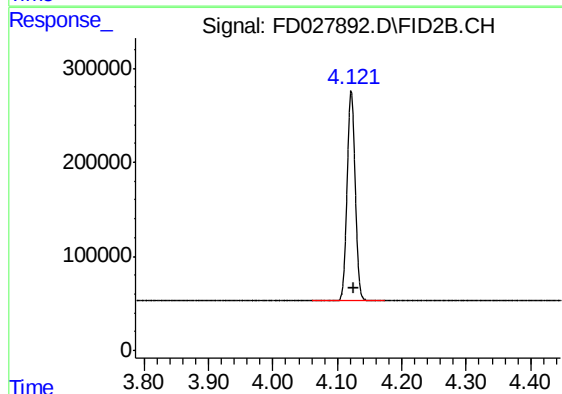
Signal Info : 20M x 0.18mm x 0.18um





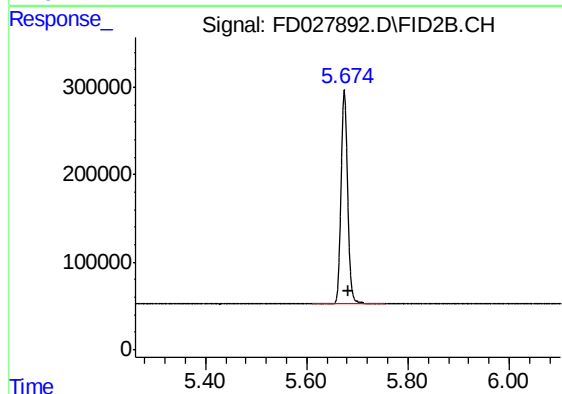
#1 n-Nonane (C9)

R.T.: 3.067 min
Delta R.T.: 0.000 min
Response: 1920396
Conc: 23.42 ug/ml



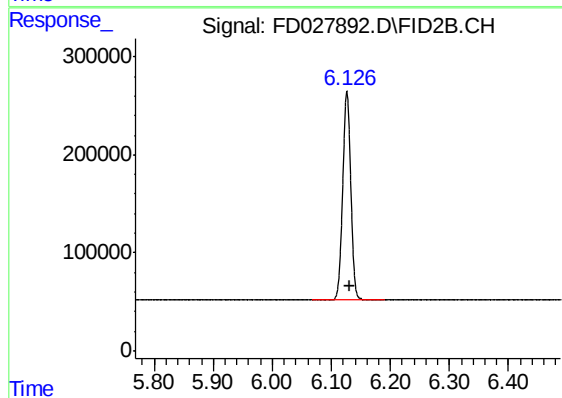
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: -0.003 min
Response: 1966369
Conc: 23.89 ug/ml



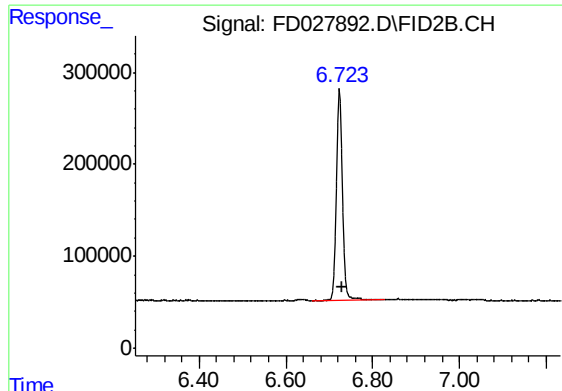
#3 A~Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.007 min
Response: 2210072
Conc: 23.73 ug/ml



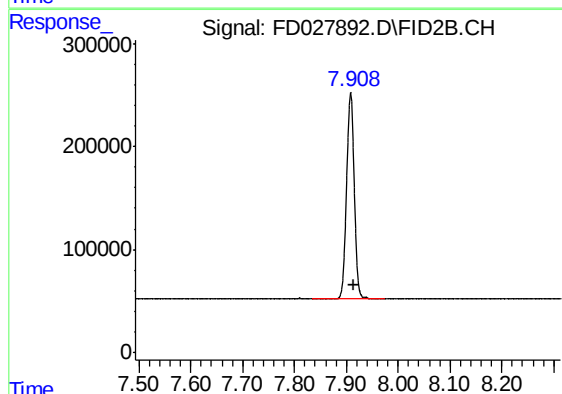
#4 n-Dodecane (C12)

R.T.: 6.126 min
Delta R.T.: -0.005 min
Response: 2010731
Conc: 24.47 ug/ml



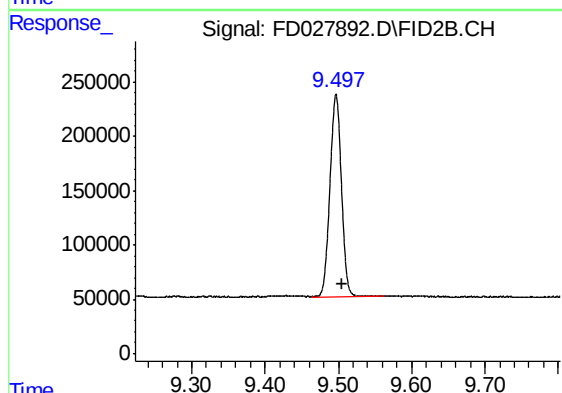
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.007 min
Response: 2226099
Conc: 23.85 ug/ml



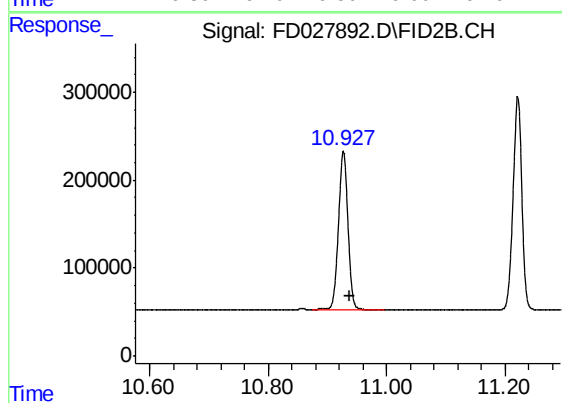
#6 n-Tetradecane (C14)

R.T.: 7.908 min
Delta R.T.: -0.006 min
Response: 2041057
Conc: 24.29 ug/ml



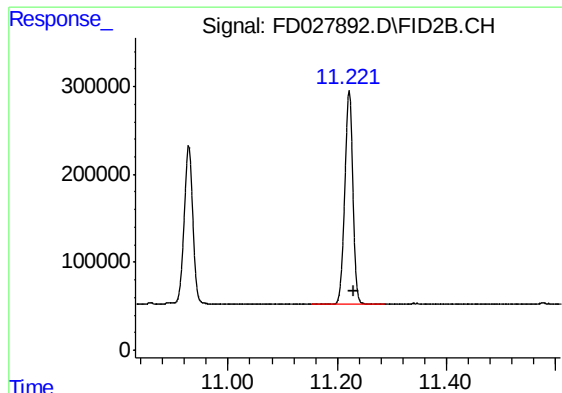
#7 n-Hexadecane (C16)

R.T.: 9.497 min
Delta R.T.: -0.008 min
Response: 2030363
Conc: 23.93 ug/ml



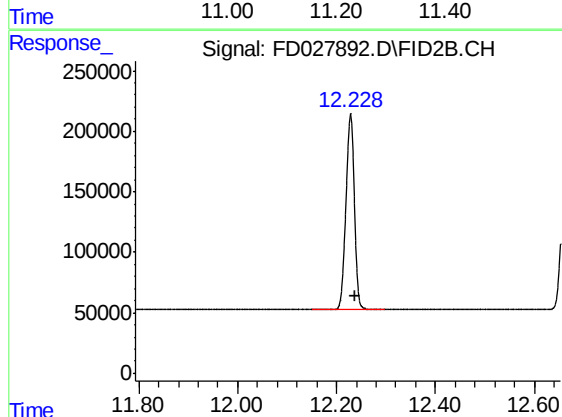
#8 n-Octadecane (C18)

R.T.: 10.928 min
Delta R.T.: -0.010 min
Response: 1980875
Conc: 22.74 ug/ml



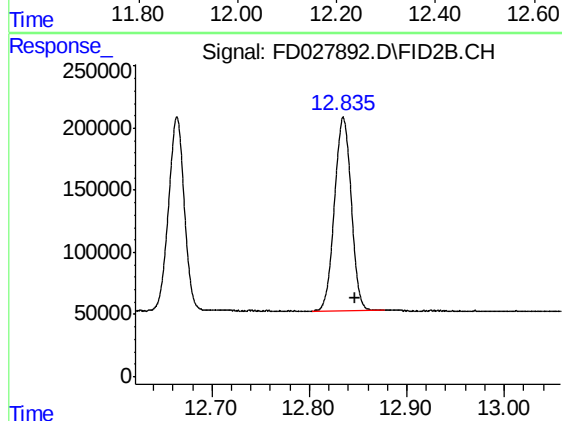
#9 ortho-Terphenyl (SURR)

R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 2469942
Conc: 21.50 ug/ml



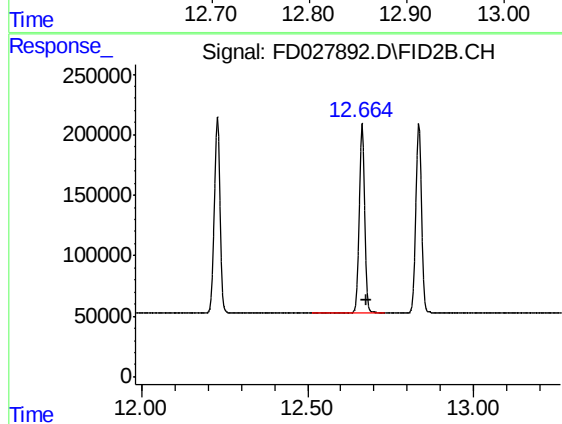
#10 n-Eicosane (C20)

R.T.: 12.228 min
Delta R.T.: -0.010 min
Response: 1909349
Conc: 22.23 ug/ml



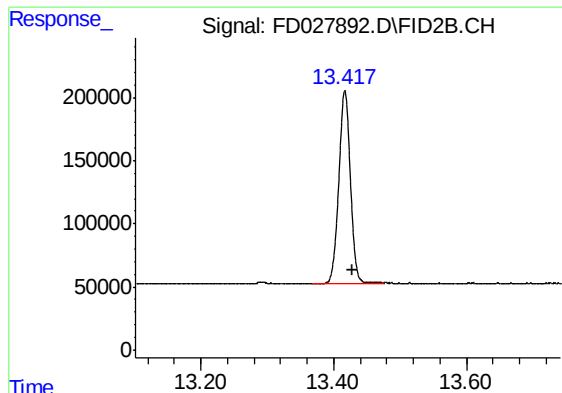
#11 n-Heneicosane (C21)

R.T.: 12.835 min
Delta R.T.: -0.012 min
Response: 1862522
Conc: 22.10 ug/ml m



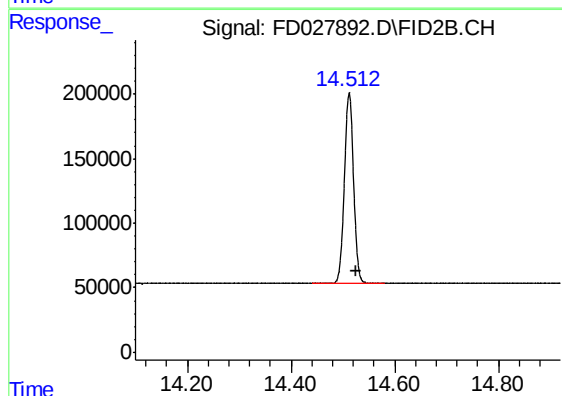
#12 1-chlorooctadecane (SURR)

R.T.: 12.664 min
Delta R.T.: -0.012 min
Response: 1753789
Conc: 20.54 ug/ml



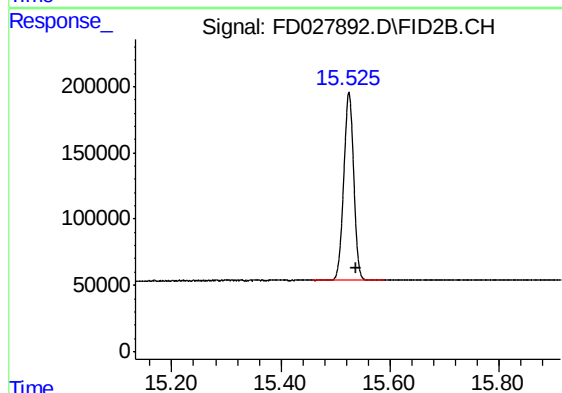
#13 n-Docosane (C22)

R.T.: 13.417 min
Delta R.T.: -0.012 min
Response: 1834562
Conc: 21.72 ug/ml



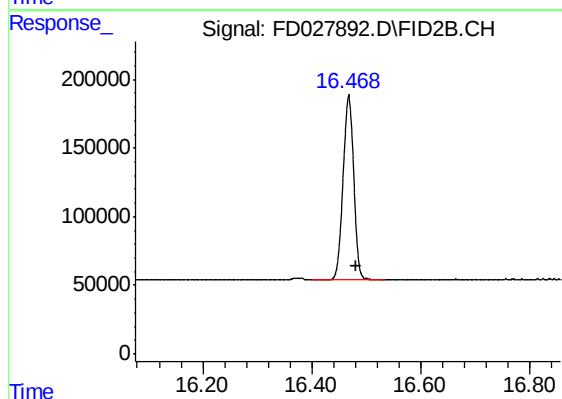
#14 n-Tetracosane (C24)

R.T.: 14.512 min
Delta R.T.: -0.013 min
Response: 1810800
Conc: 21.37 ug/ml



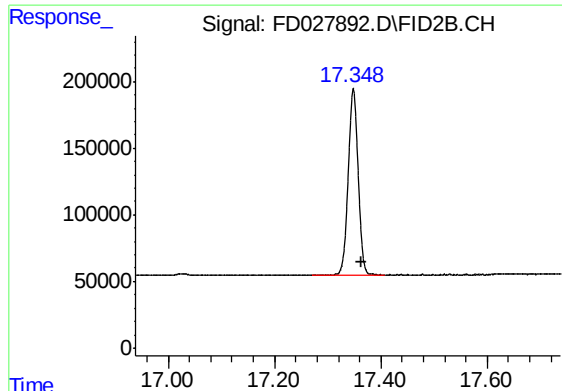
#15 n-Hexacosane (C26)

R.T.: 15.525 min
Delta R.T.: -0.014 min
Response: 1793990
Conc: 21.24 ug/ml



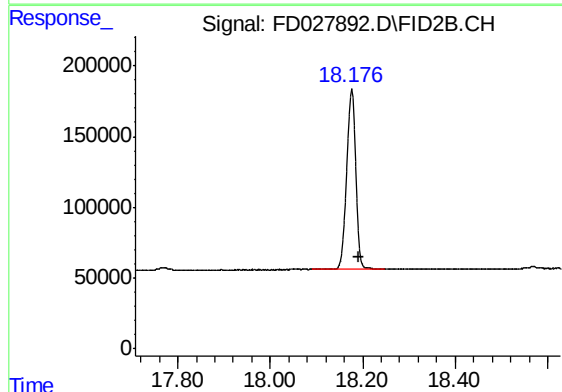
#16 n-Octacosane (C28)

R.T.: 16.468 min
Delta R.T.: -0.014 min
Response: 1803523
Conc: 21.19 ug/ml



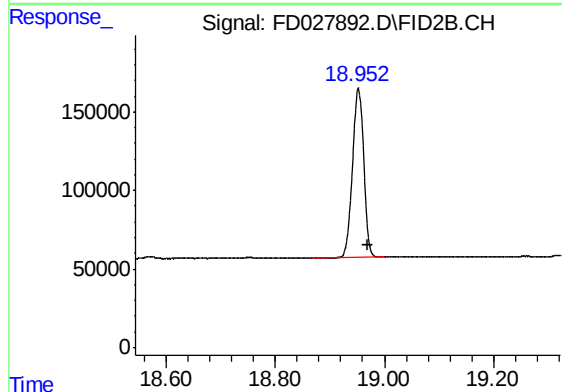
#17 n-Tricontane (C30)

R.T.: 17.348 min
Delta R.T.: -0.016 min
Response: 1801279
Conc: 21.38 ug/ml



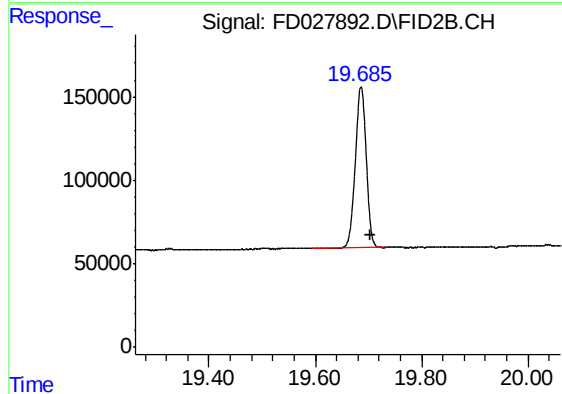
#18 n-Dotriacontane (C32)

R.T.: 18.176 min
Delta R.T.: -0.014 min
Response: 1745680
Conc: 21.16 ug/ml



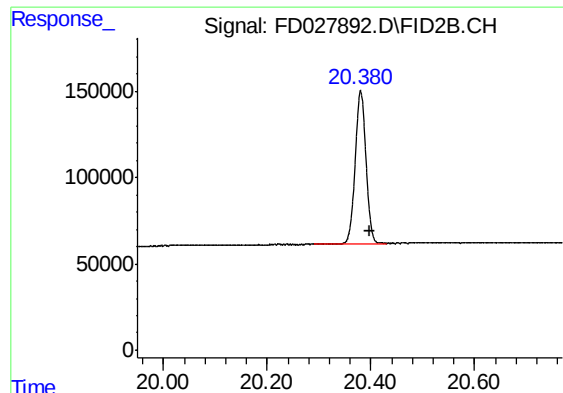
#19 n-Tetatriacontane (C34)

R.T.: 18.952 min
Delta R.T.: -0.016 min
Response: 1543246
Conc: 21.29 ug/ml



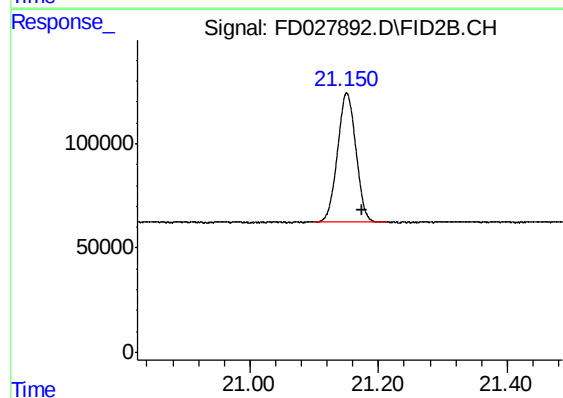
#20 n-Hexatriacontane (C36)

R.T.: 19.686 min
Delta R.T.: -0.017 min
Response: 1377136
Conc: 21.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.381 min
Delta R.T.: -0.018 min
Response: 1271000
Conc: 21.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.150 min
Delta R.T.: -0.026 min
Response: 1229764
Conc: 21.47 ug/ml m