

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073120AL\
 Data File : FD034270.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jul 2020 22:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 01:14:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 073120.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 01 01:13:05 2020
 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)	11.611	2674397	20.402 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
12) S 1-chlorooctadecane (S...	13.040	2191697	20.386 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T n-Nonane (C9)	3.384	2354092	20.328 ug/ml
2) T n-Decane (C10)	4.453	2365810	20.330 ug/ml
3) T A~Naphthalene (C11.7)	6.039	2644724	20.324 ug/ml
4) T n-Dodecane (C12)	6.468	2397269	20.321 ug/ml
5) T A~2-methylnaphthalene...	7.093	2699609	20.326 ug/ml
6) T n-Tetradecane (C14)	8.258	2378919	20.358 ug/ml
7) T n-Hexadecane (C16)	9.853	2375921	20.353 ug/ml
8) T n-Octadecane (C18)	11.292	2483927	20.380 ug/ml
10) T n-Eicosane (C20)	12.596	2515889	20.381 ug/ml
11) T n-Heneicosane (C21)	13.206	2522600	20.394 ug/ml
13) T n-Docosane (C22)	13.790	2530749	20.376 ug/ml
14) T n-Tetracosane (C24)	14.888	2554426	20.405 ug/ml
15) T n-Hexacosane (C26)	15.903	2556255	20.404 ug/ml
16) T n-Octacosane (C28)	16.848	2572419	20.367 ug/ml
17) T n-Tricontane (C30)	17.732	2525094	20.298 ug/ml
18) T n-Dotriacontane (C32)	18.560	2336299	20.288 ug/ml
19) T n-Tetratriacontane (C34)	19.339	2218582	20.380 ug/ml
20) T n-Hexatriacontane (C36)	20.074	2100692	19.850 ug/ml
21) T n-Octatriacontane (C38)	20.805	1973159	20.516 ug/ml
22) T n-Tetracontane (C40)	21.710	1966068	20.166 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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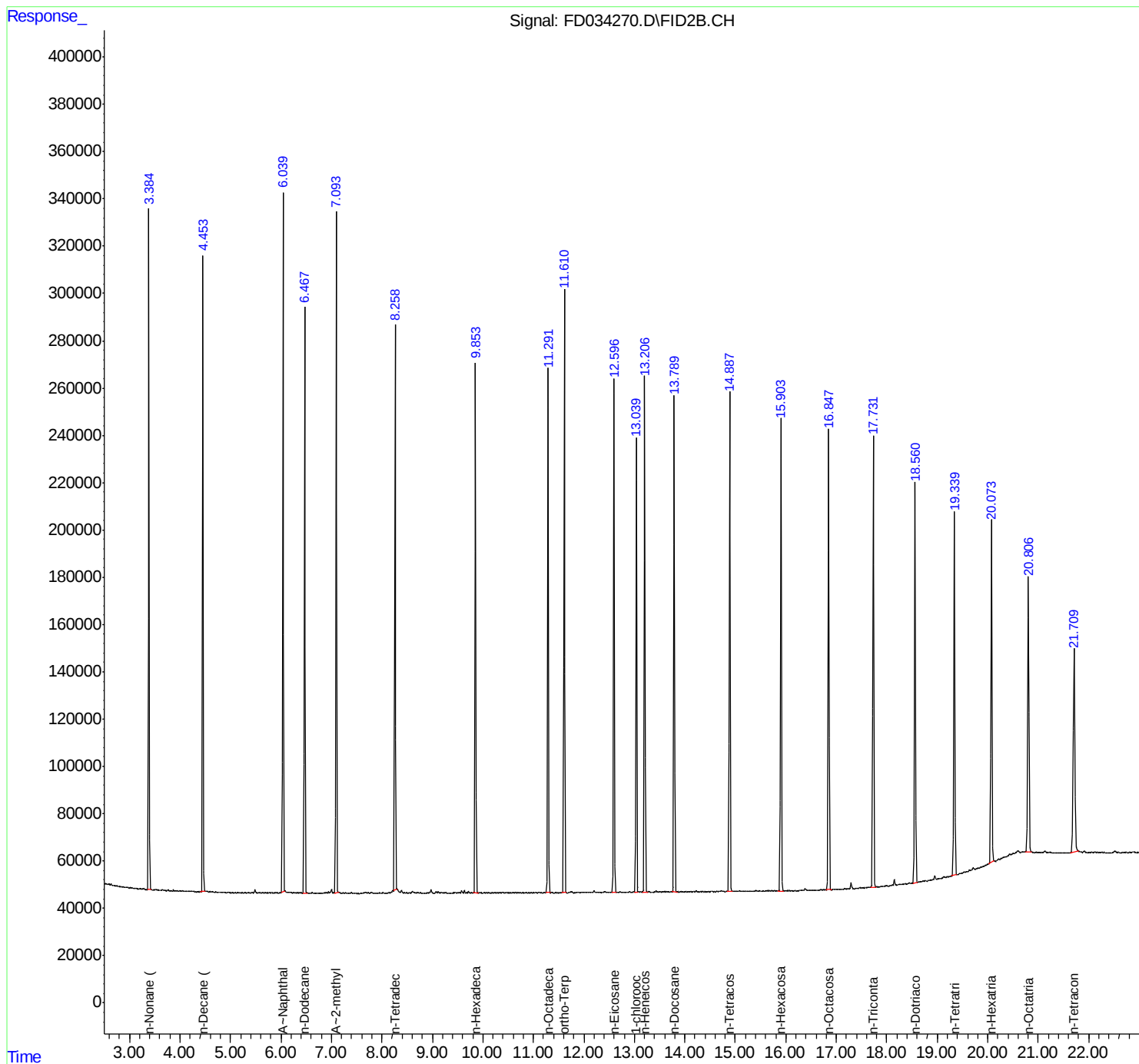
Response via : Initial Calibration

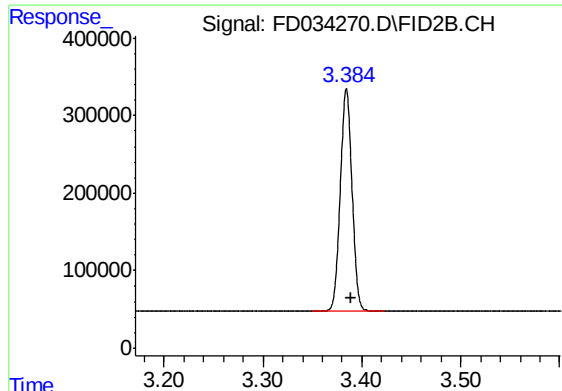
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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Signal Phase : Rxi-1ms

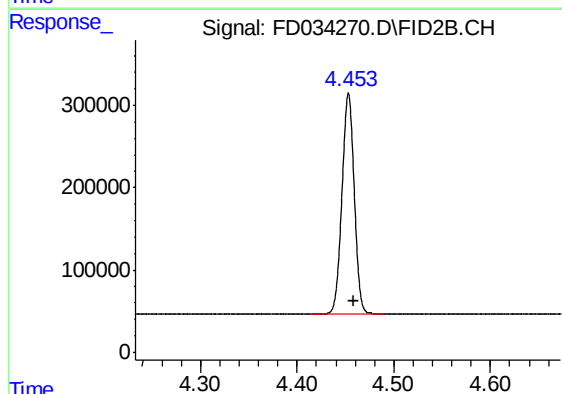
Signal Info : 20M x 0.18mm x 0.18um





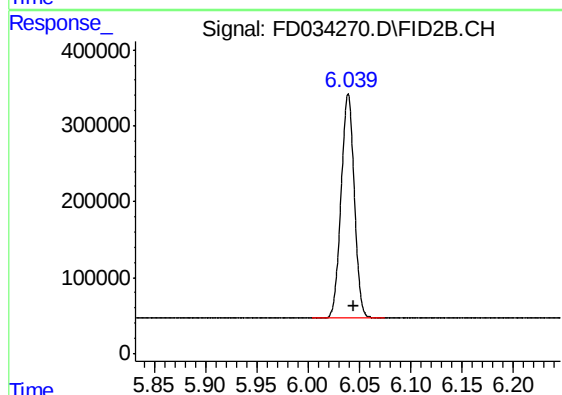
#1 n-Nonane (C9)

R.T.: 3.384 min
Delta R.T.: -0.005 min
Response: 2354092
Conc: 20.33 ug/ml



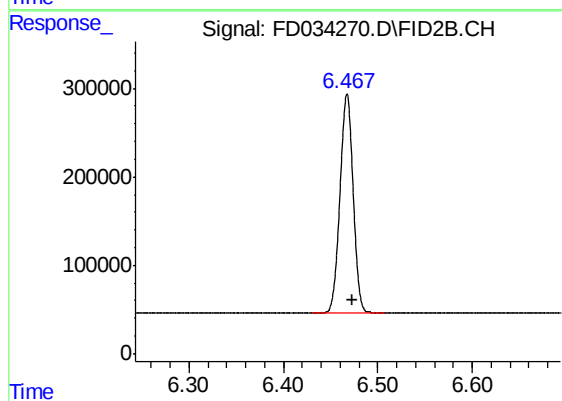
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.005 min
Response: 2365810
Conc: 20.33 ug/ml



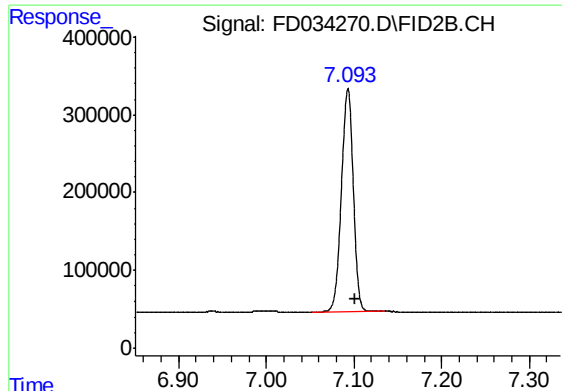
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.006 min
Response: 2644724
Conc: 20.32 ug/ml



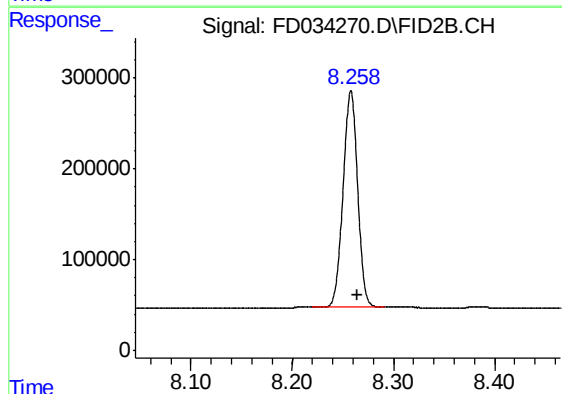
#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 2397269
Conc: 20.32 ug/ml



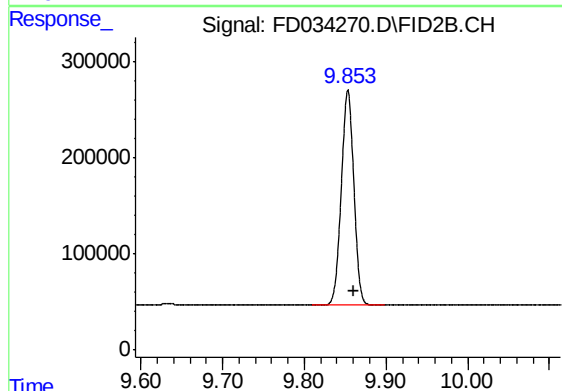
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: -0.007 min
Response: 2699609
Conc: 20.33 ug/ml



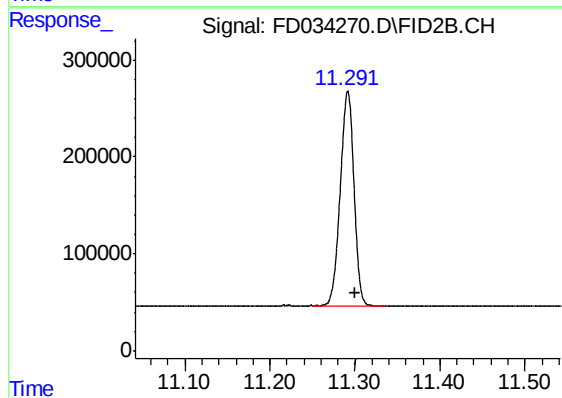
#6 n-Tetradecane (C14)

R.T.: 8.258 min
Delta R.T.: -0.006 min
Response: 2378919
Conc: 20.36 ug/ml



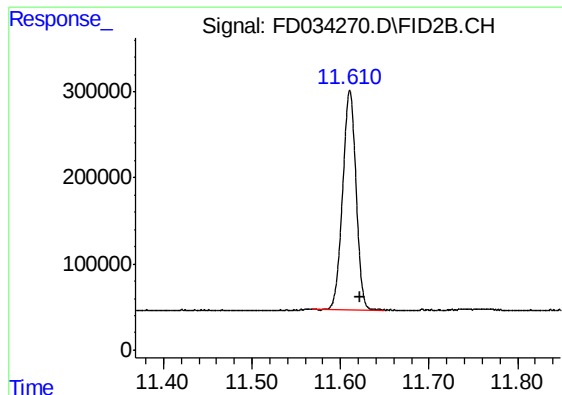
#7 n-Hexadecane (C16)

R.T.: 9.853 min
Delta R.T.: -0.007 min
Response: 2375921
Conc: 20.35 ug/ml



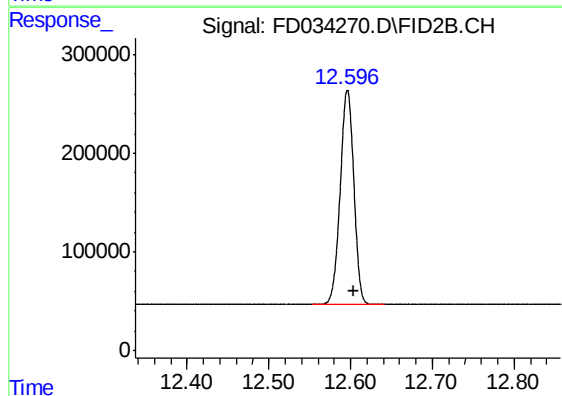
#8 n-Octadecane (C18)

R.T.: 11.292 min
Delta R.T.: -0.009 min
Response: 2483927
Conc: 20.38 ug/ml



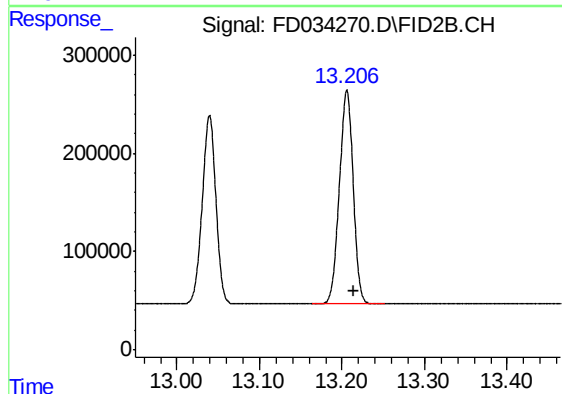
#9 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.011 min
Response: 2674397
Conc: 20.40 ug/ml



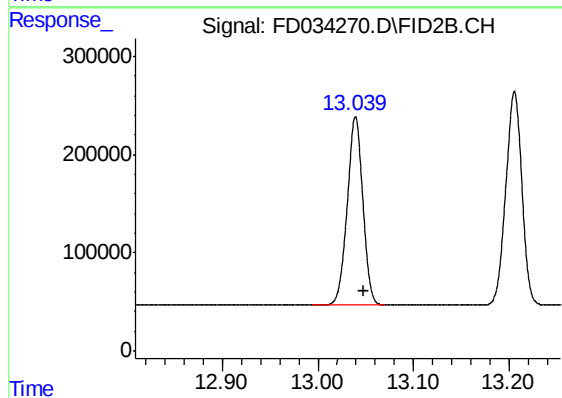
#10 n-Eicosane (C20)

R.T.: 12.596 min
Delta R.T.: -0.008 min
Response: 2515889
Conc: 20.38 ug/ml



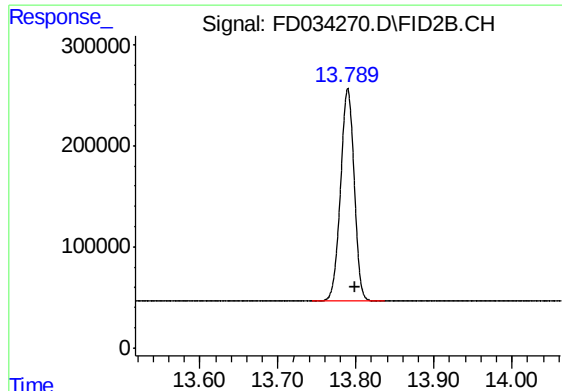
#11 n-Heneicosane (C21)

R.T.: 13.206 min
Delta R.T.: -0.008 min
Response: 2522600
Conc: 20.39 ug/ml



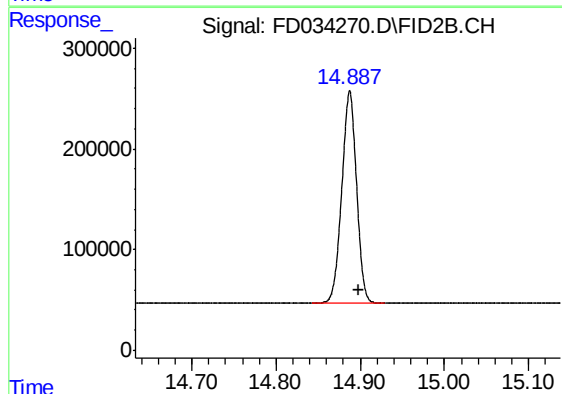
#12 1-chlorooctadecane (SURR)

R.T.: 13.040 min
Delta R.T.: -0.008 min
Response: 2191697
Conc: 20.39 ug/ml



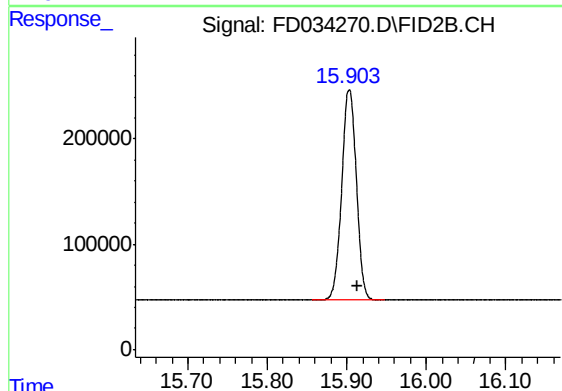
#13 n-Docosane (C22)

R.T.: 13.790 min
Delta R.T.: -0.009 min
Response: 2530749
Conc: 20.38 ug/ml



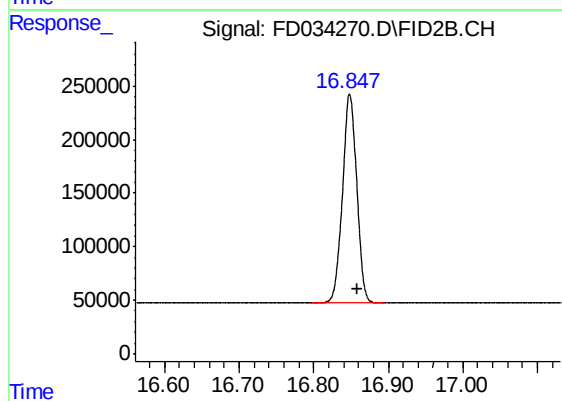
#14 n-Tetracosane (C24)

R.T.: 14.888 min
Delta R.T.: -0.010 min
Response: 2554426
Conc: 20.41 ug/ml



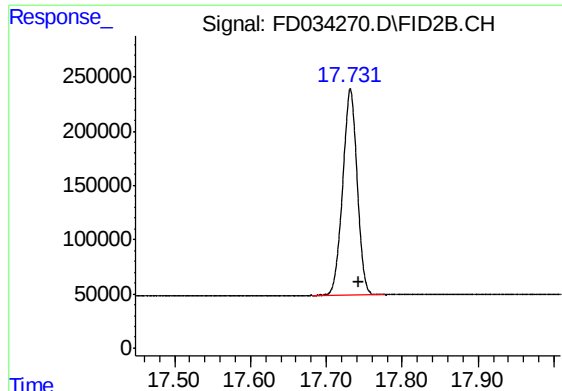
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: -0.010 min
Response: 2556255
Conc: 20.40 ug/ml



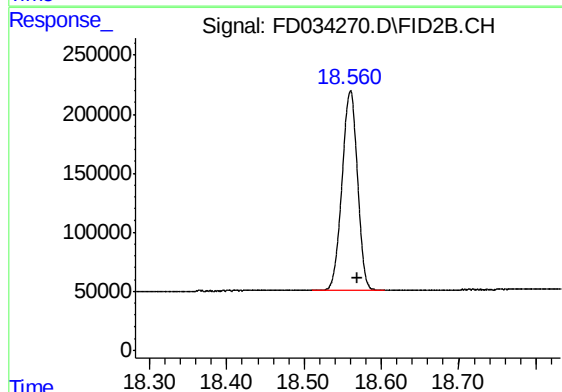
#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: -0.010 min
Response: 2572419
Conc: 20.37 ug/ml



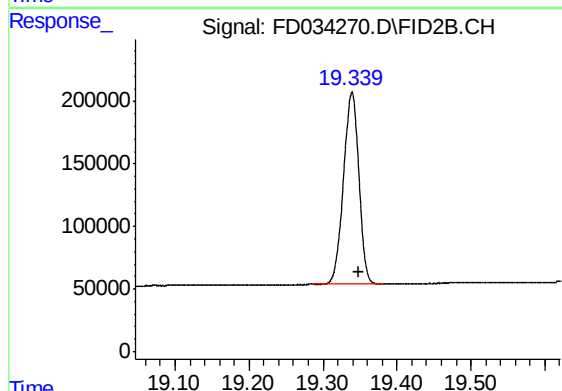
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.011 min
Response: 2525094
Conc: 20.30 ug/ml



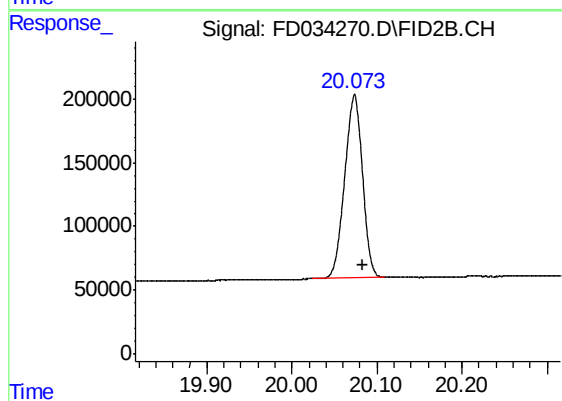
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.009 min
Response: 2336299
Conc: 20.29 ug/ml



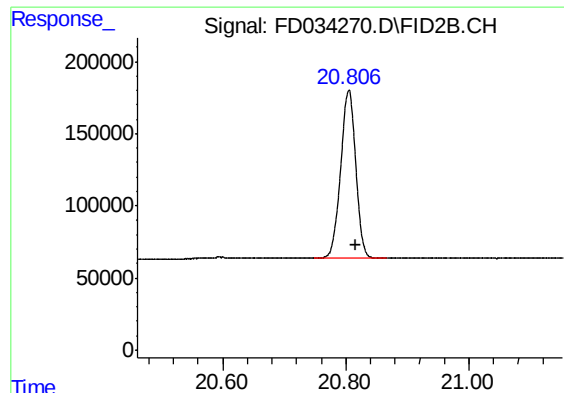
#19 n-Tetatriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.008 min
Response: 2218582
Conc: 20.38 ug/ml



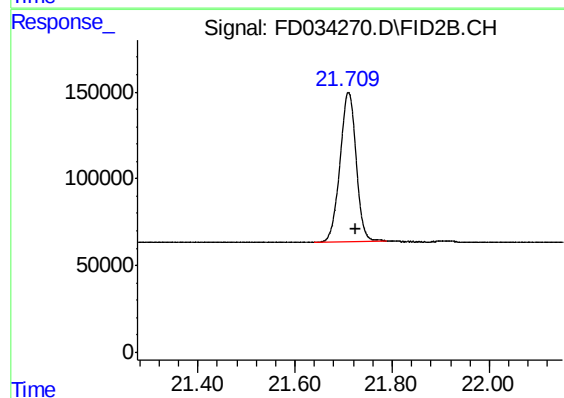
#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: -0.009 min
Response: 2100692
Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: -0.010 min
Response: 1973159
Conc: 20.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: -0.014 min
Response: 1966068
Conc: 20.17 ug/ml