

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081319AL\
 Data File : FD030047.D
 Signal(s) : FID2B.CH
 Acq On : 13 Aug 2019 10:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 13 12:53:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.567	2556238	18.597 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
12) S 1-chlorooctadecane (S...	12.992	2072320	18.170 ug/ml
Spiked Amount 50.000		Recovery =	36.34%
Target Compounds			
1) T n-Nonane (C9)	3.365	2372957	19.829 ug/ml
2) T n-Decane (C10)	4.427	2421760	19.914 ug/ml
3) T A~Naphthalene (C11.7)	6.007	2736300	19.876 ug/ml
4) T n-Dodecane (C12)	6.437	2427415	19.907 ug/ml
5) T A~2-methylnaphthalene...	7.059	2749489	19.880 ug/ml
6) T n-Tetradecane (C14)	8.223	2444795	19.821 ug/ml
7) T n-Hexadecane (C16)	9.815	2439347	19.536 ug/ml
8) T n-Octadecane (C18)	11.249	2428271	18.993 ug/ml
10) T n-Eicosane (C20)	12.550	2390616	18.413 ug/ml
11) T n-Heneicosane (C21)	13.158	2349880	18.094 ug/ml
13) T n-Docosane (C22)	13.740	2327761	17.827 ug/ml
14) T n-Tetracosane (C24)	14.835	2248344	17.130 ug/ml
15) T n-Hexacosane (C26)	15.848	2139193	16.586 ug/ml
16) T n-Octacosane (C28)	16.791	2052910	16.180 ug/ml
17) T n-Tricontane (C30)	17.671	1944247	16.044 ug/ml
18) T n-Dotriacontane (C32)	18.496	1795176	16.010 ug/ml
19) T n-Tetratriacontane (C34)	19.273	1520424	17.148 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1408316	18.949 ug/mlm
21) T n-Octatriacontane (C38)	20.723	1294120	19.442 ug/ml
22) T n-Tetracontane (C40)	21.597	1295769	18.344 ug/ml

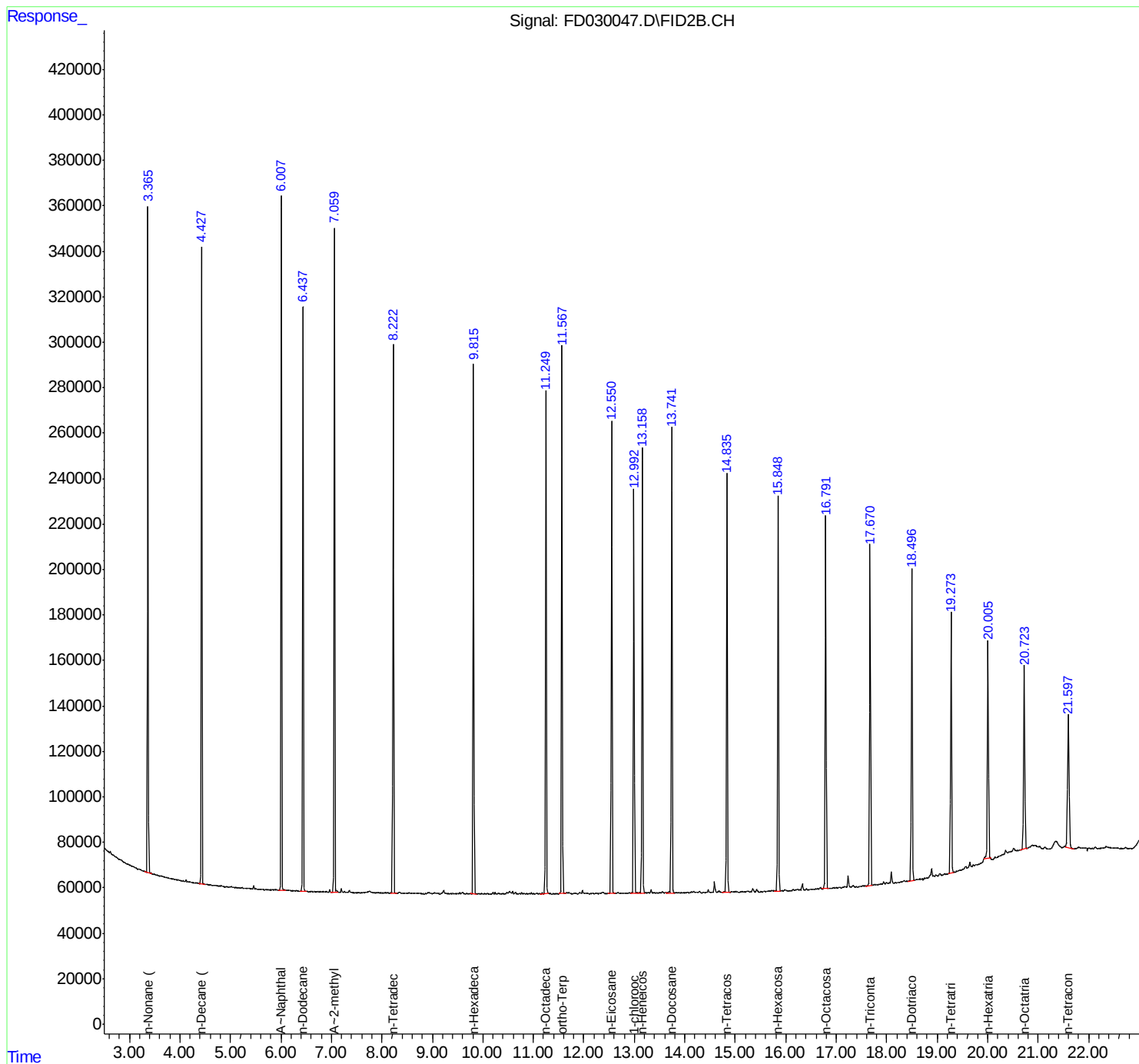
(f)=RT Delta > 1/2 Window

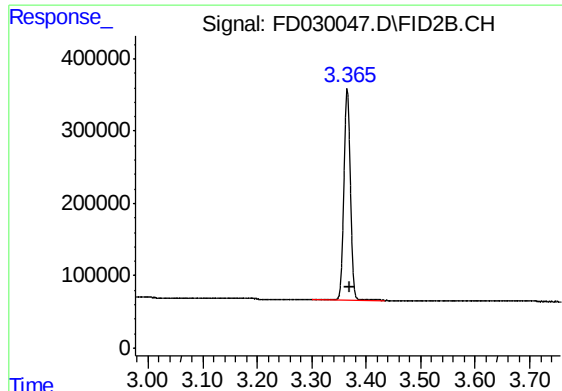
(m)=manual int.

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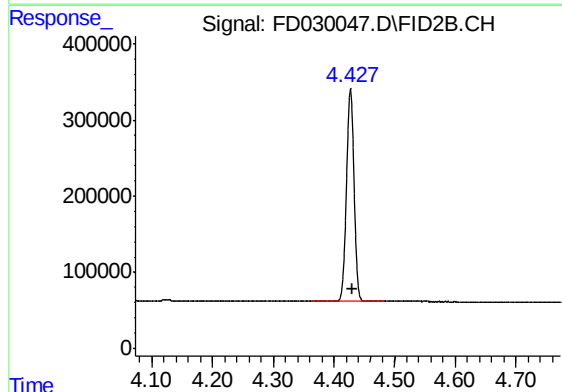
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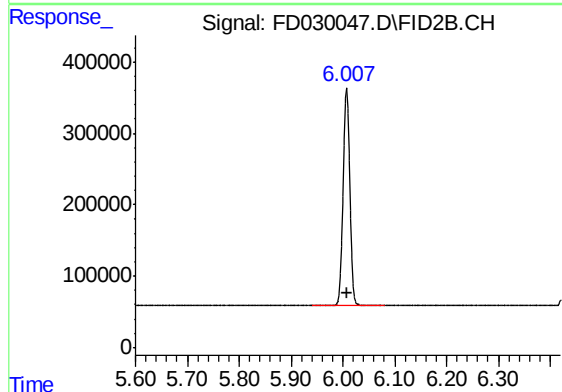
#1 n-Nonane (C9)

R.T.: 3.365 min
Delta R.T.: -0.004 min
Response: 2372957
Conc: 19.83 ug/ml



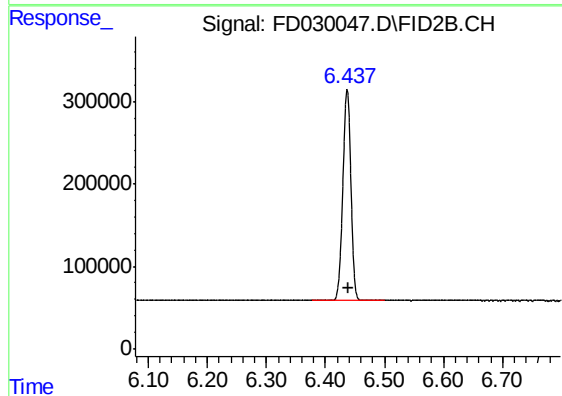
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: -0.003 min
Response: 2421760
Conc: 19.91 ug/ml



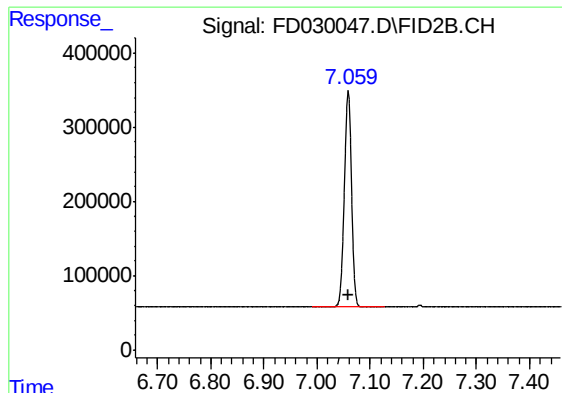
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 2736300
Conc: 19.88 ug/ml



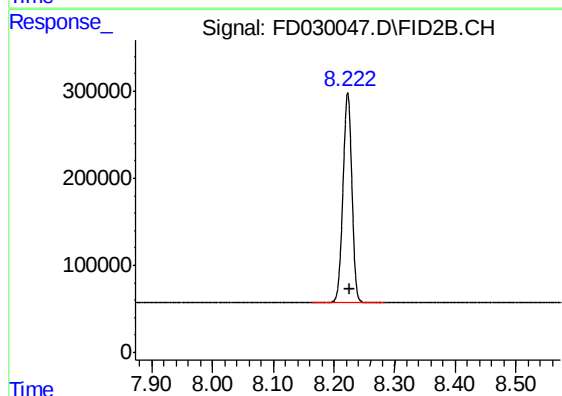
#4 n-Dodecane (C12)

R.T.: 6.437 min
Delta R.T.: -0.002 min
Response: 2427415
Conc: 19.91 ug/ml



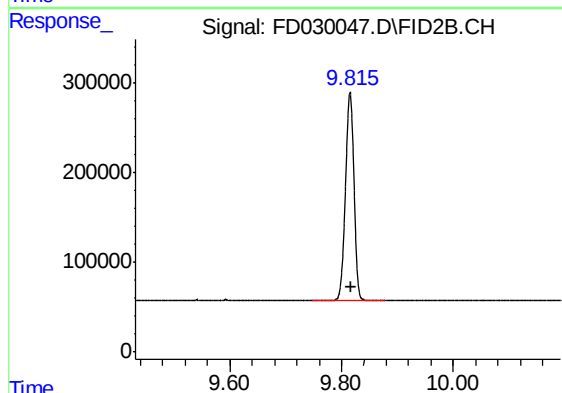
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.059 min
Delta R.T.: -0.002 min
Response: 2749489
Conc: 19.88 ug/ml



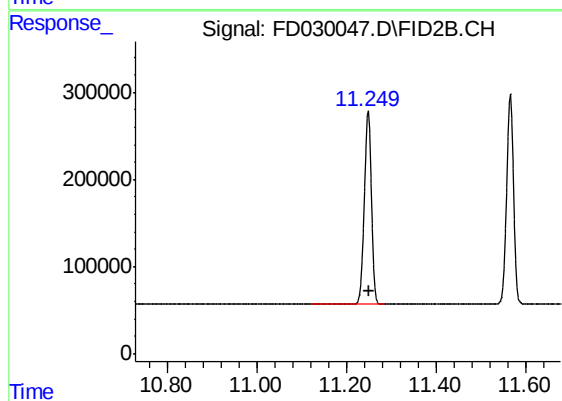
#6 n-Tetradecane (C14)

R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 2444795
Conc: 19.82 ug/ml



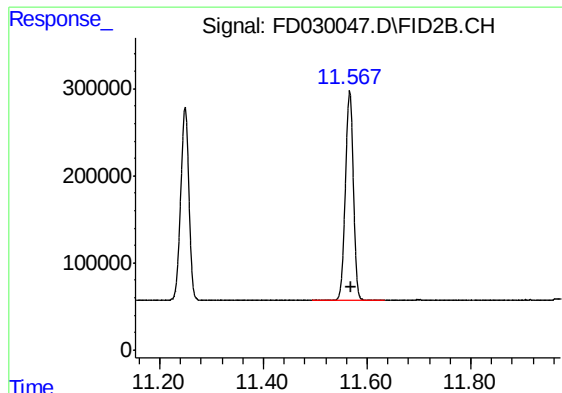
#7 n-Hexadecane (C16)

R.T.: 9.815 min
Delta R.T.: -0.002 min
Response: 2439347
Conc: 19.54 ug/ml



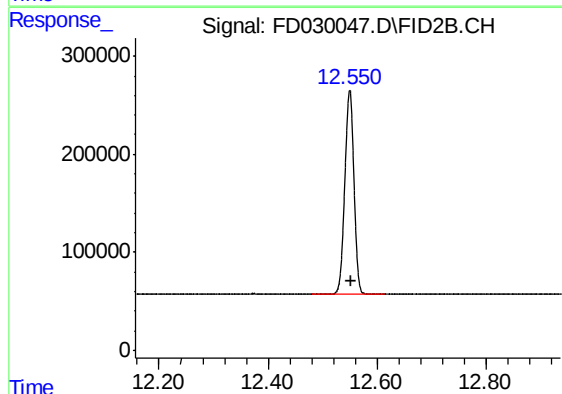
#8 n-Octadecane (C18)

R.T.: 11.249 min
Delta R.T.: -0.002 min
Response: 2428271
Conc: 18.99 ug/ml



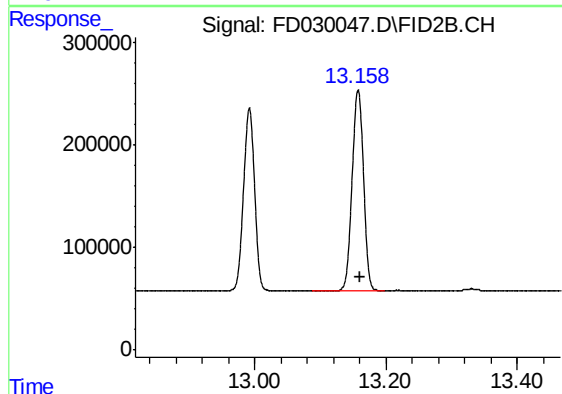
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: -0.003 min
Response: 2556238
Conc: 18.60 ug/ml



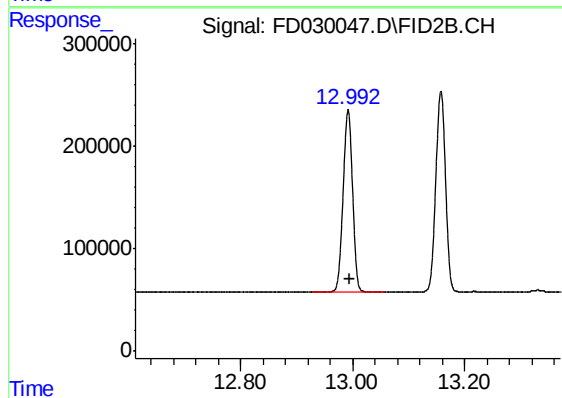
#10 n-Eicosane (C20)

R.T.: 12.550 min
Delta R.T.: -0.003 min
Response: 2390616
Conc: 18.41 ug/ml



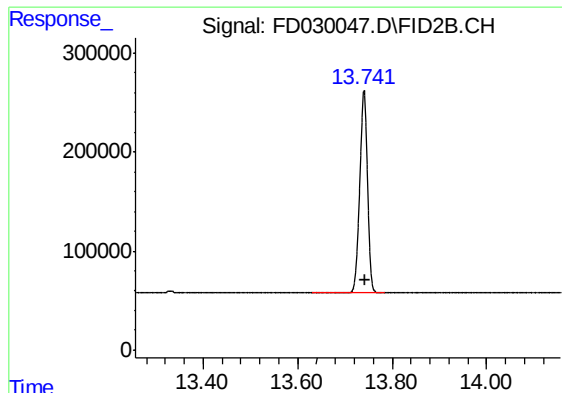
#11 n-Heneicosane (C21)

R.T.: 13.158 min
Delta R.T.: -0.003 min
Response: 2349880
Conc: 18.09 ug/ml



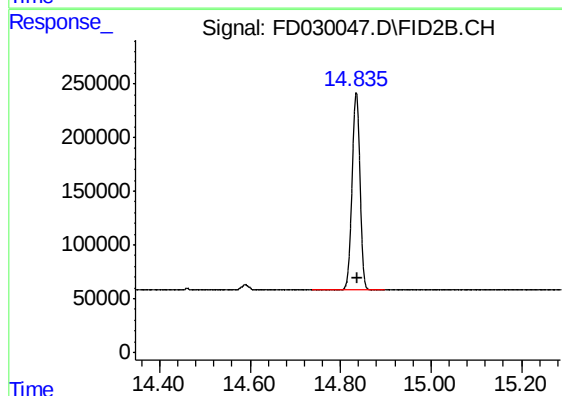
#12 1-chlorooctadecane (SURR)

R.T.: 12.992 min
Delta R.T.: -0.003 min
Response: 2072320
Conc: 18.17 ug/ml



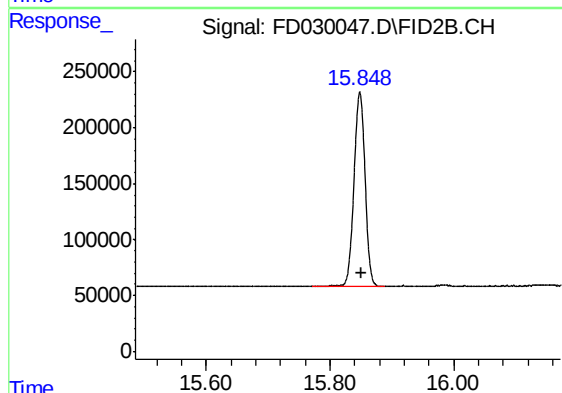
#13 n-Docosane (C22)

R.T.: 13.740 min
Delta R.T.: -0.002 min
Response: 2327761
Conc: 17.83 ug/ml



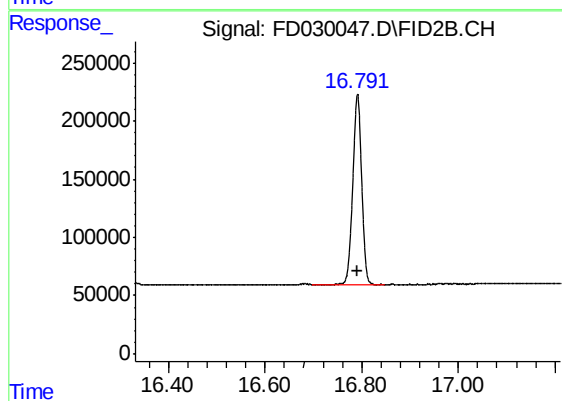
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.002 min
Response: 2248344
Conc: 17.13 ug/ml



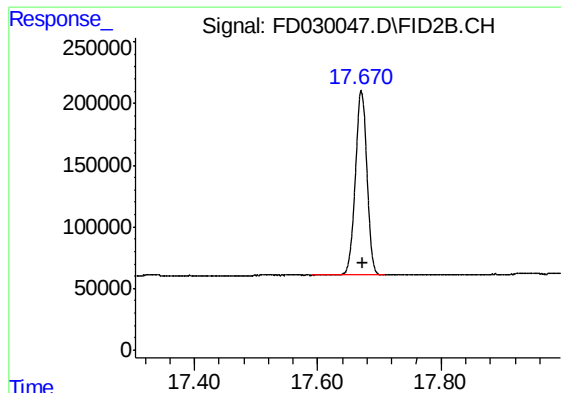
#15 n-Hexacosane (C26)

R.T.: 15.848 min
Delta R.T.: -0.002 min
Response: 2139193
Conc: 16.59 ug/ml



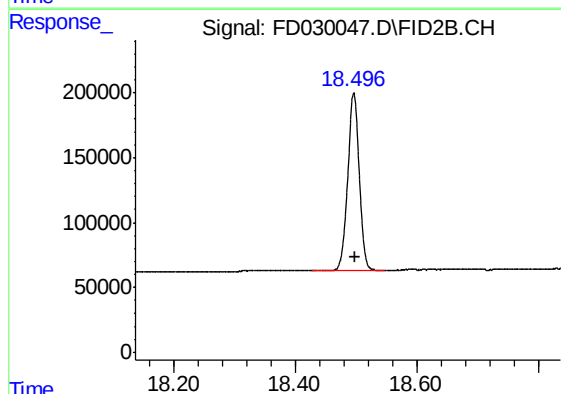
#16 n-Octacosane (C28)

R.T.: 16.791 min
Delta R.T.: -0.001 min
Response: 2052910
Conc: 16.18 ug/ml



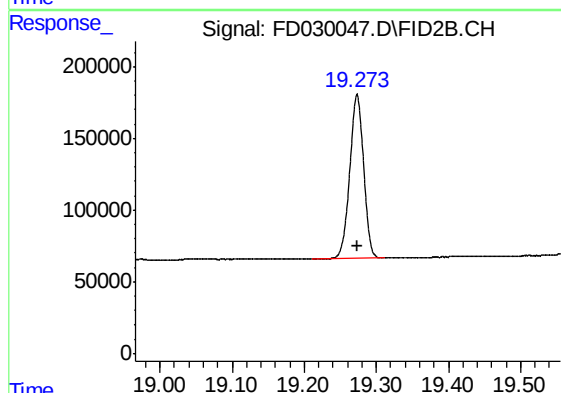
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: -0.001 min
Response: 1944247
Conc: 16.04 ug/ml



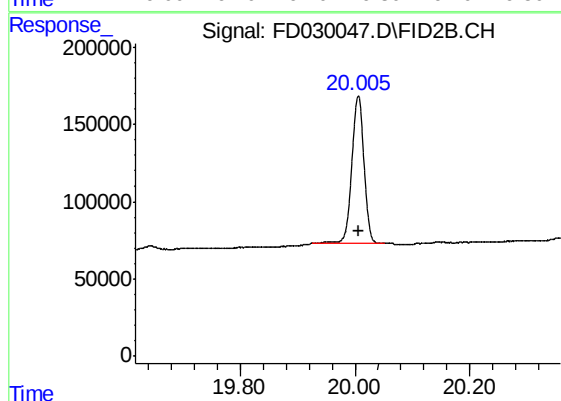
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: -0.002 min
Response: 1795176
Conc: 16.01 ug/ml



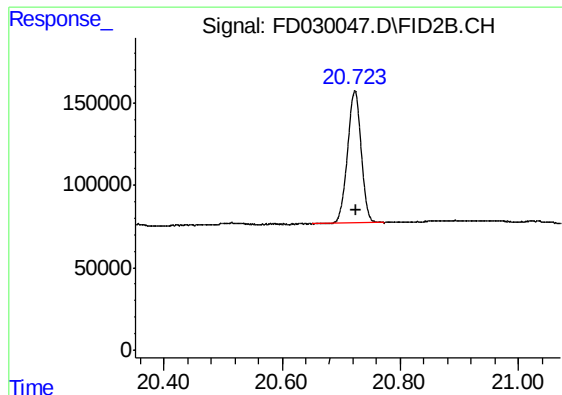
#19 n-Tetatriacontane (C34)

R.T.: 19.273 min
Delta R.T.: -0.001 min
Response: 1520424
Conc: 17.15 ug/ml



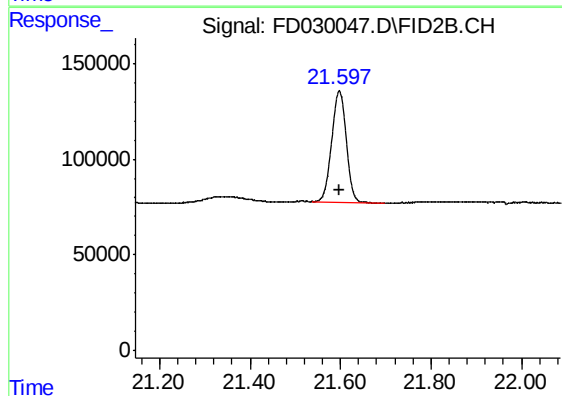
#20 n-Hexatriacontane (C36)

R.T.: 20.005 min
Delta R.T.: -0.002 min
Response: 1408316
Conc: 18.95 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: -0.002 min
Response: 1294120
Conc: 19.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.002 min
Response: 1295769
Conc: 18.34 ug/ml