

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073020AL\
 Data File : FD034240.D
 Signal(s) : FID2B.CH
 Acq On : 30 Jul 2020 15:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 31 01:08:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 04:25:35 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)	11.620	2389773	17.608 ug/ml
Spiked Amount 50.000		Recovery =	35.22%
12) S 1-chlorooctadecane (S...	13.048	1903489	17.113 ug/ml
Spiked Amount 50.000		Recovery =	34.23%
Target Compounds			
1) T n-Nonane (C9)	3.389	2447889	20.394 ug/ml
2) T n-Decane (C10)	4.458	2468522	20.405 ug/ml
3) T A~Naphthalene (C11.7)	6.046	2693993	19.972 ug/ml
4) T n-Dodecane (C12)	6.473	2481721	20.217 ug/ml
5) T A~2-methylnaphthalene...	7.101	2709640	19.650 ug/ml
6) T n-Tetradecane (C14)	8.265	2434158	19.931 ug/ml
7) T n-Hexadecane (C16)	9.861	2339259	19.234 ug/ml
8) T n-Octadecane (C18)	11.299	2343514	18.481 ug/ml
10) T n-Eicosane (C20)	12.604	2264845	17.704 ug/ml
11) T n-Heneicosane (C21)	13.213	2215054	17.292 ug/ml
13) T n-Docosane (C22)	13.798	2173579	16.954 ug/ml
14) T n-Tetracosane (C24)	14.896	2110872	16.449 ug/ml
15) T n-Hexacosane (C26)	15.912	2050597	16.111 ug/ml
16) T n-Octacosane (C28)	16.858	2052182	16.165 ug/ml
17) T n-Tricontane (C30)	17.743	2038291	16.477 ug/ml
18) T n-Dotriacontane (C32)	18.570	1905662	16.917 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1839495	17.464 ug/ml
20) T n-Hexatriacontane (C36)	20.085	1778111	17.637 ug/ml
21) T n-Octatriacontane (C38)	20.818	1632716	17.877 ug/ml
22) T n-Tetracontane (C40)	21.728	1733287	19.501 ug/ml

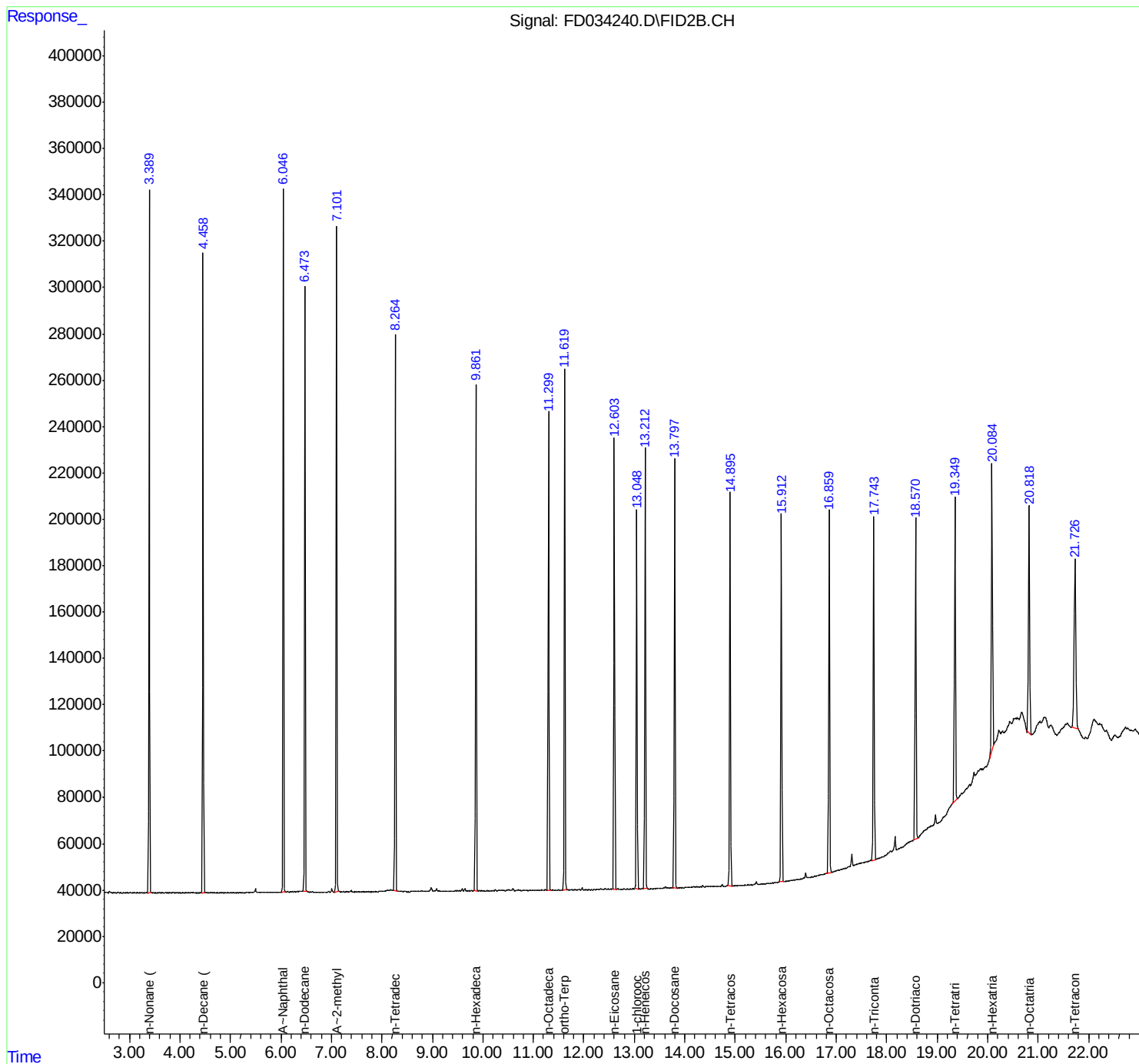
(f)=RT Delta > 1/2 Window

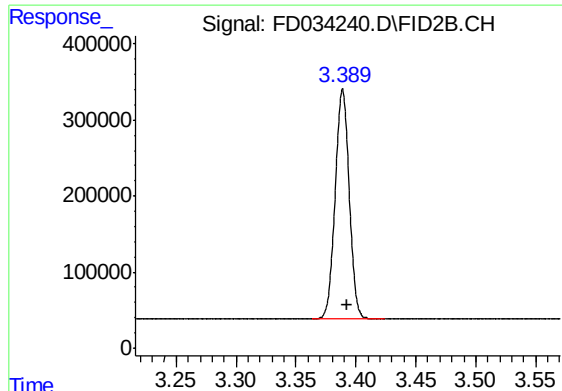
(m)=manual int.

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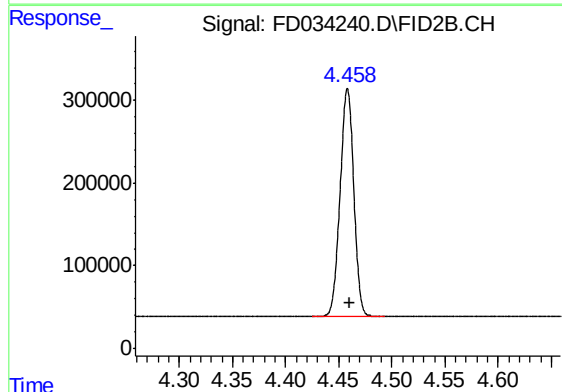
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





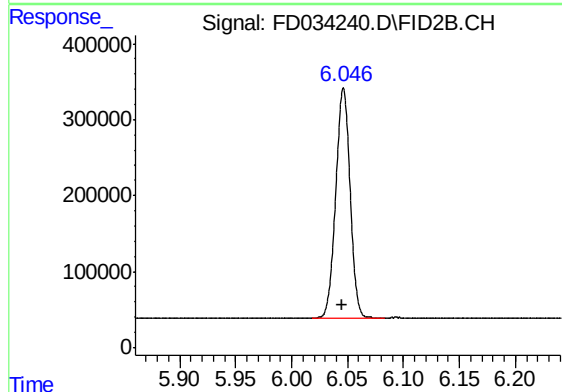
#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: -0.004 min
Response: 2447889
Conc: 20.39 ug/ml



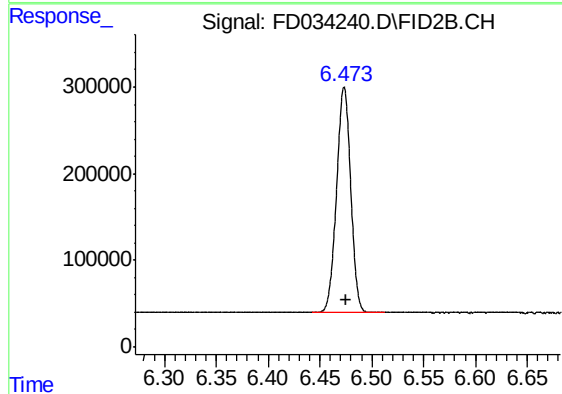
#2 n-Decane (C10)

R.T.: 4.458 min
Delta R.T.: -0.003 min
Response: 2468522
Conc: 20.41 ug/ml



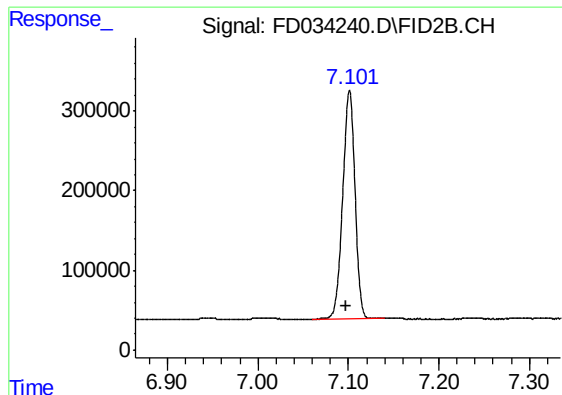
#3 A~Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.002 min
Response: 2693993
Conc: 19.97 ug/ml



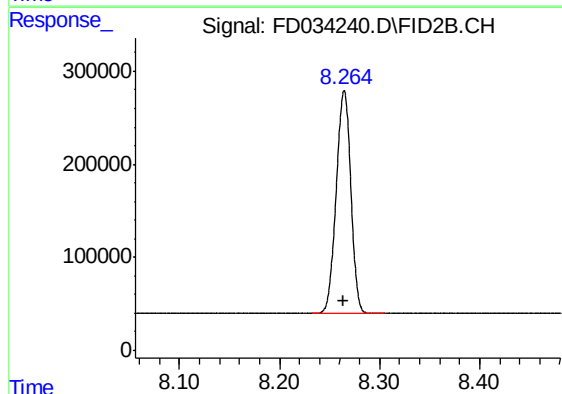
#4 n-Dodecane (C12)

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 2481721
Conc: 20.22 ug/ml



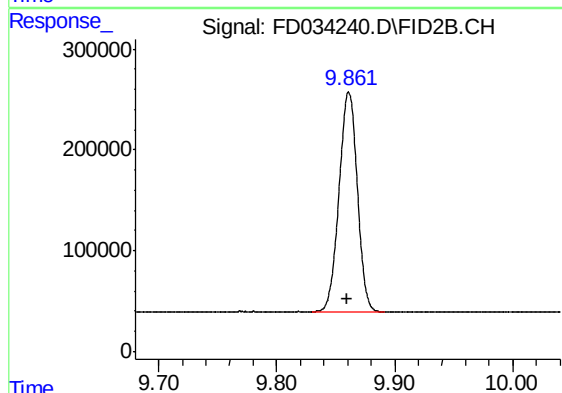
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: 0.004 min
Response: 2709640
Conc: 19.65 ug/ml



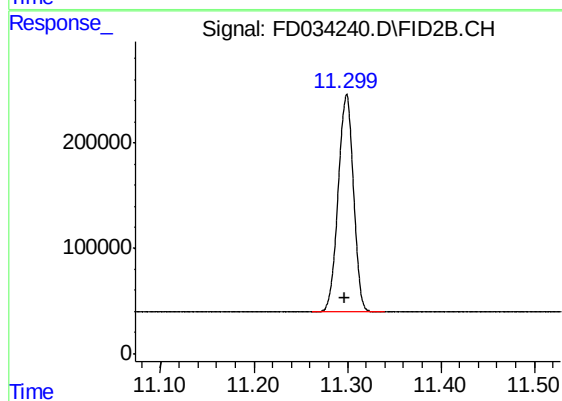
#6 n-Tetradecane (C14)

R.T.: 8.265 min
Delta R.T.: 0.000 min
Response: 2434158
Conc: 19.93 ug/ml



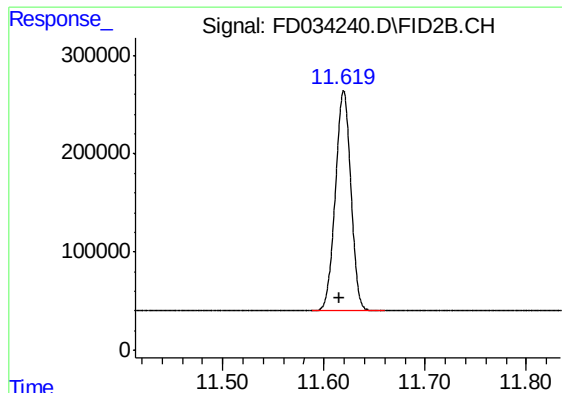
#7 n-Hexadecane (C16)

R.T.: 9.861 min
Delta R.T.: 0.001 min
Response: 2339259
Conc: 19.23 ug/ml



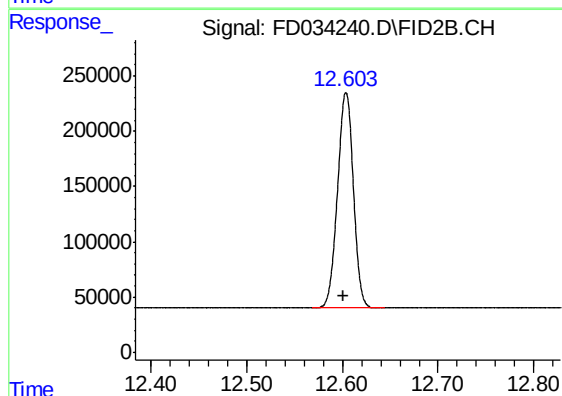
#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: 0.003 min
Response: 2343514
Conc: 18.48 ug/ml



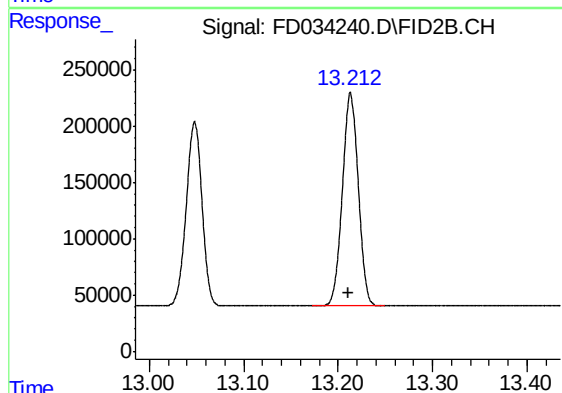
#9 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: 0.004 min
Response: 2389773
Conc: 17.61 ug/ml



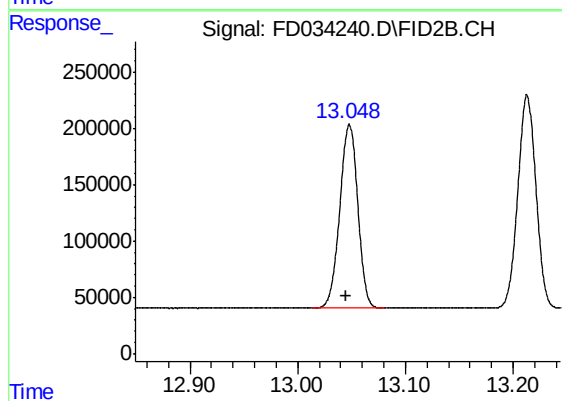
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: 0.002 min
Response: 2264845
Conc: 17.70 ug/ml



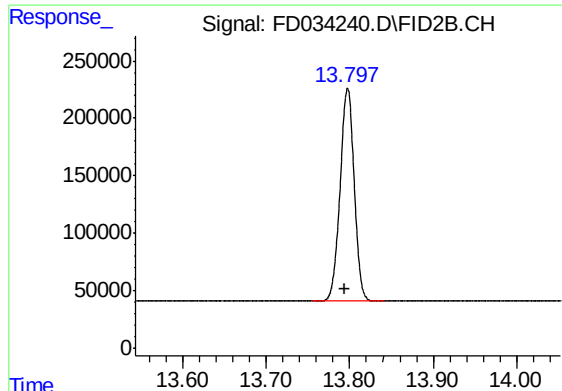
#11 n-Heneicosane (C21)

R.T.: 13.213 min
Delta R.T.: 0.001 min
Response: 2215054
Conc: 17.29 ug/ml



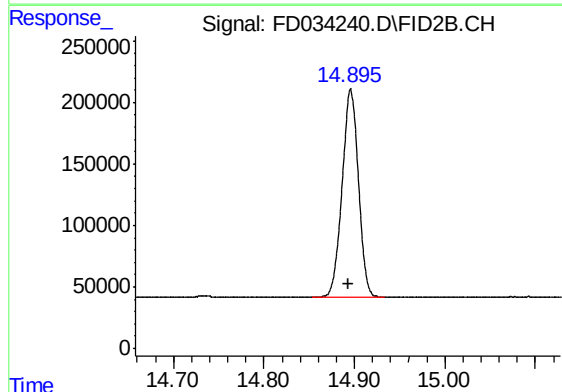
#12 1-chlorooctadecane (SURR)

R.T.: 13.048 min
Delta R.T.: 0.004 min
Response: 1903489
Conc: 17.11 ug/ml



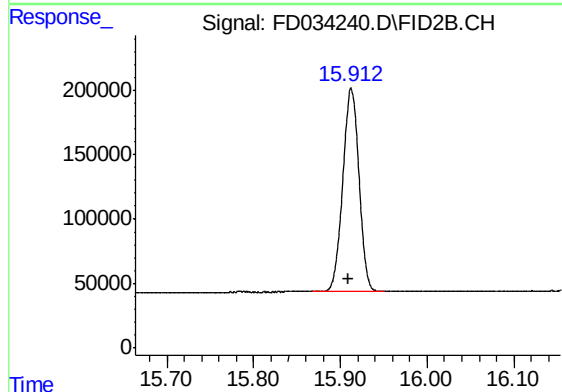
#13 n-Docosane (C22)

R.T.: 13.798 min
Delta R.T.: 0.003 min
Response: 2173579
Conc: 16.95 ug/ml



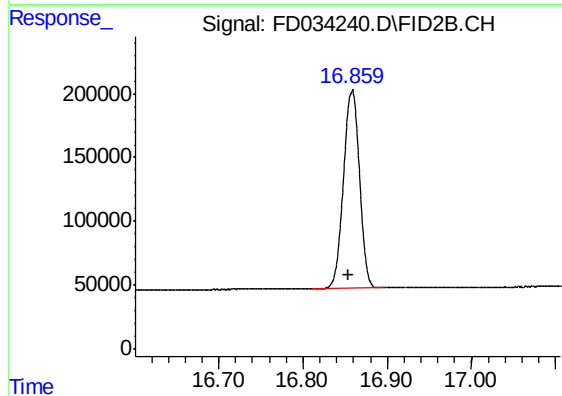
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: 0.002 min
Response: 2110872
Conc: 16.45 ug/ml



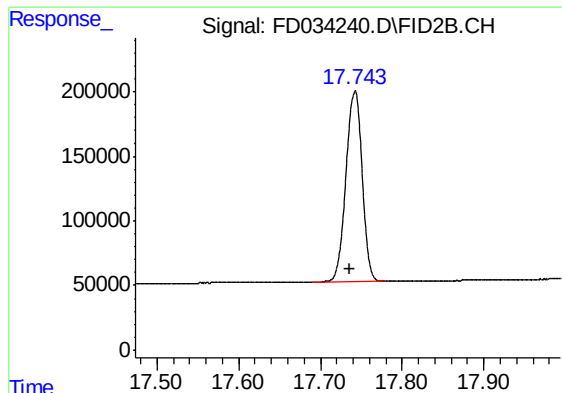
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: 0.004 min
Response: 2050597
Conc: 16.11 ug/ml



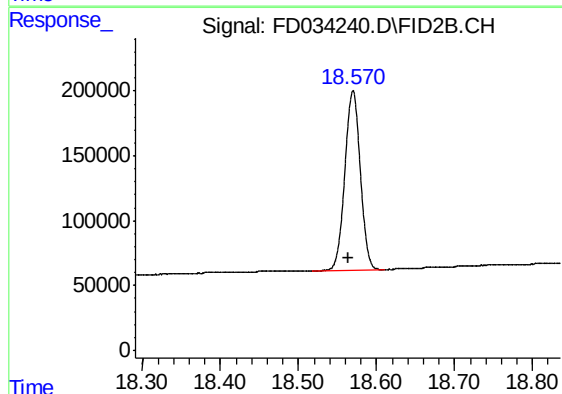
#16 n-Octacosane (C28)

R.T.: 16.858 min
Delta R.T.: 0.004 min
Response: 2052182
Conc: 16.17 ug/ml



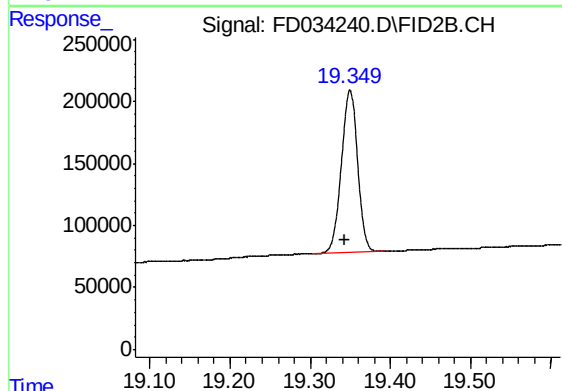
#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: 0.006 min
Response: 2038291
Conc: 16.48 ug/ml



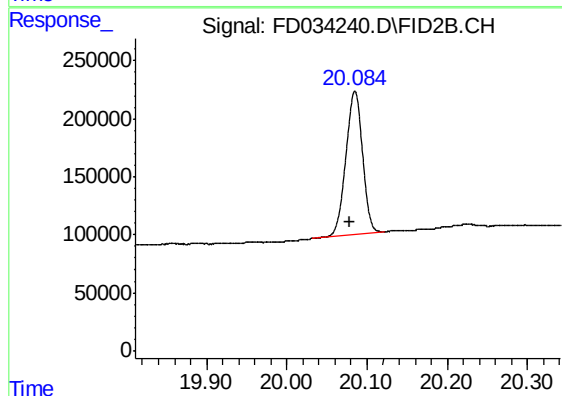
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: 0.006 min
Response: 1905662
Conc: 16.92 ug/ml



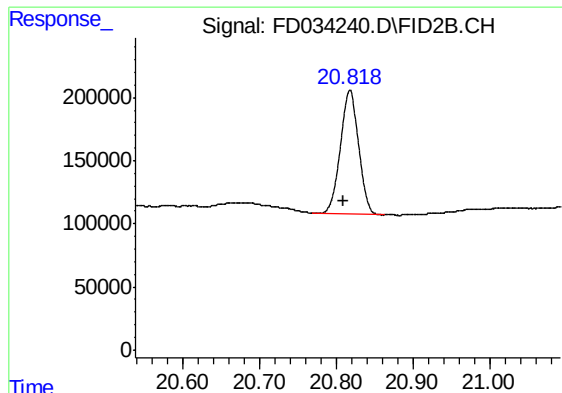
#19 n-Tetatriacontane (C34)

R.T.: 19.350 min
Delta R.T.: 0.006 min
Response: 1839495
Conc: 17.46 ug/ml



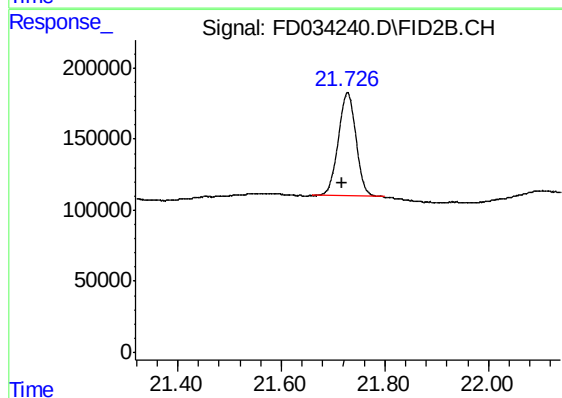
#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: 0.007 min
Response: 1778111
Conc: 17.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: 0.008 min
Response: 1632716
Conc: 17.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: 0.010 min
Response: 1733287
Conc: 19.50 ug/ml