

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073019AL\
 Data File : FC042646.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jul 2019 2:44
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 31 06:59:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 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)	11.686	2540995	19.198 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	13.108	2077742	18.953 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T n-Nonane (C9)	3.492	2468622	21.203 ug/ml
2) T n-Decane (C10)	4.554	2525533	21.406 ug/ml
3) T A~Naphthalene (C11.7)	6.140	2730489	21.034 ug/ml
4) T n-Dodecane (C12)	6.557	2543177	21.433 ug/ml
5) T A~2-methylnaphthalene...	7.189	2734306	21.043 ug/ml
6) T n-Tetradecane (C14)	8.339	2534639	21.303 ug/ml
7) T n-Hexadecane (C16)	9.929	2516857	20.961 ug/ml
8) T n-Octadecane (C18)	11.362	2483797	20.353 ug/ml
10) T n-Eicosane (C20)	12.664	2444524	19.601 ug/ml
11) T n-Heneicosane (C21)	13.273	2401422	19.184 ug/ml
13) T n-Docosane (C22)	13.856	2358999	18.808 ug/ml
14) T n-Tetracosane (C24)	14.954	2286447	18.050 ug/ml
15) T n-Hexacosane (C26)	15.971	2218628	17.546 ug/ml
16) T n-Octacosane (C28)	16.916	2173832	17.227 ug/ml
17) T n-Tricontane (C30)	17.800	2101789	17.145 ug/ml
18) T n-Dotriacontane (C32)	18.630	1948674	17.441 ug/ml
19) T n-Tetratriacontane (C34)	19.410	1659495	17.919 ug/ml
20) T n-Hexatriacontane (C36)	20.148	1493273	18.737 ug/ml
21) T n-Octatriacontane (C38)	20.891	1424010	19.862 ug/ml
22) T n-Tetracontane (C40)	21.821	1427820	20.576 ug/ml

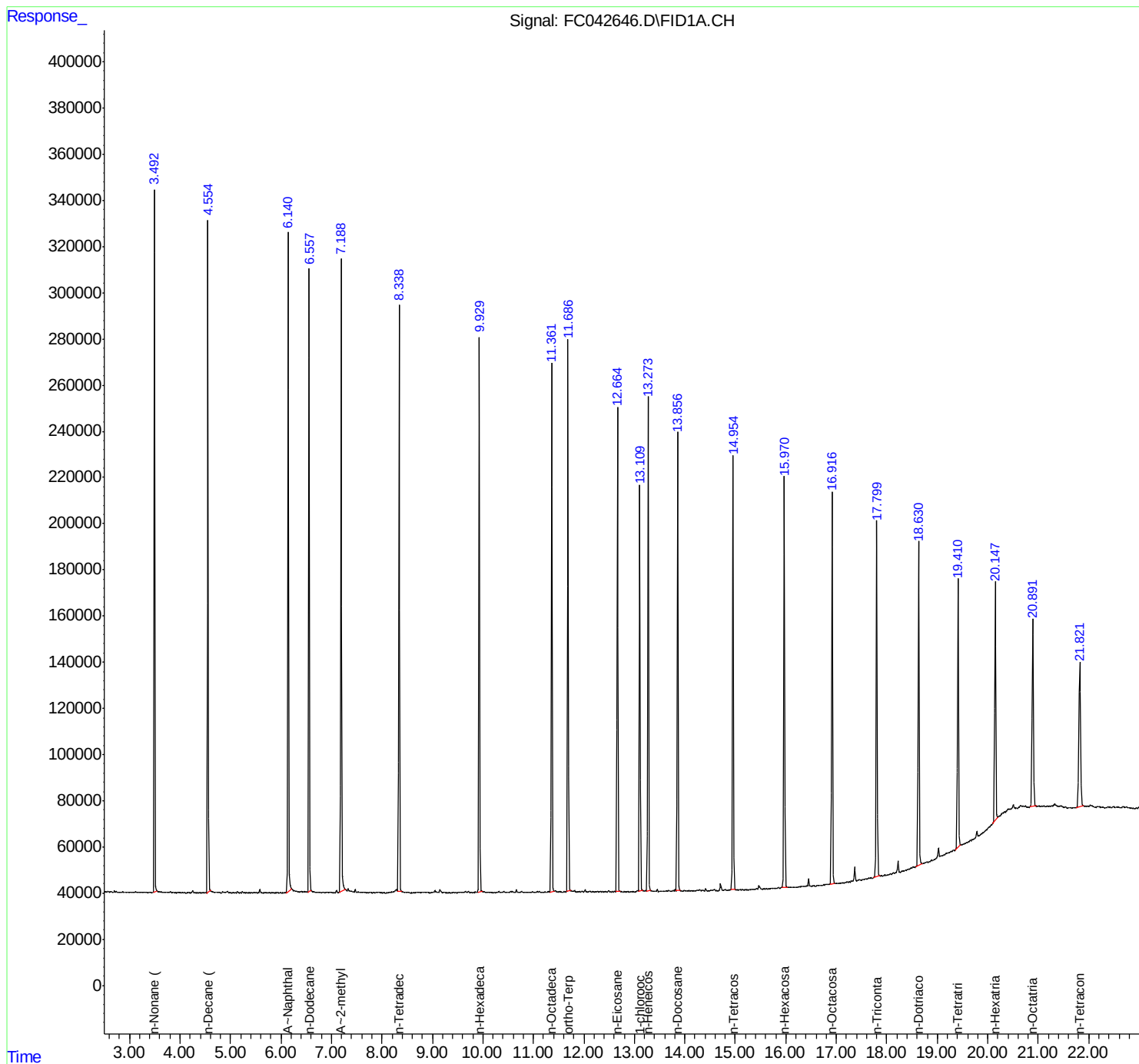
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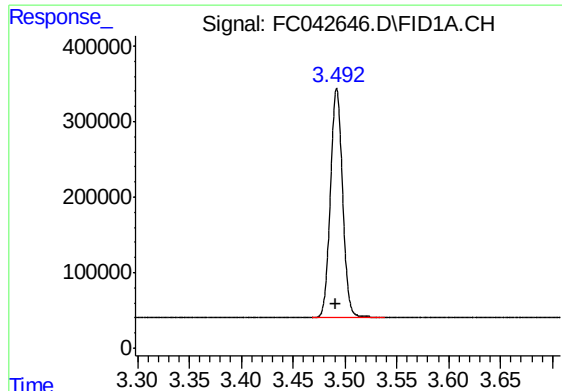
(m)=manual int.

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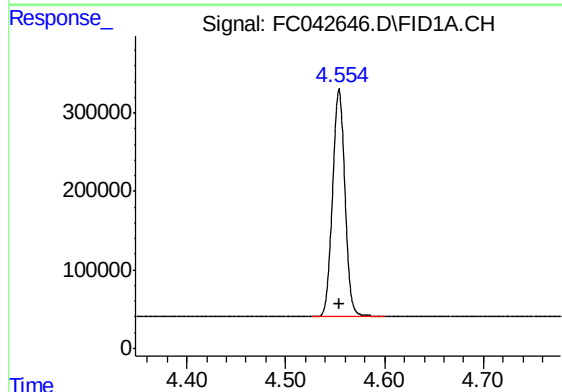
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





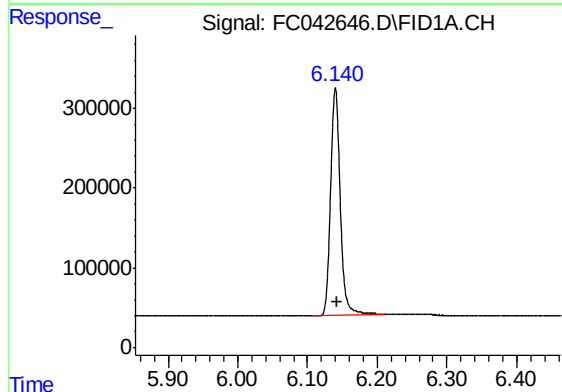
#1 n-Nonane (C9)

R.T.: 3.492 min
Delta R.T.: 0.001 min
Response: 2468622
Conc: 21.20 ug/ml



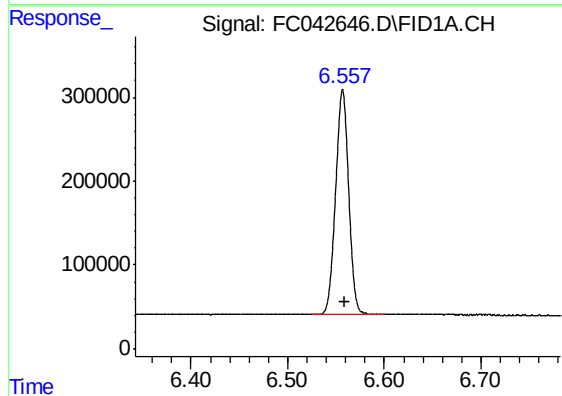
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 2525533
Conc: 21.41 ug/ml



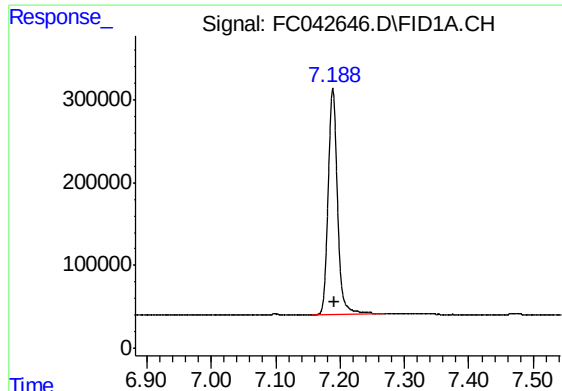
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 2730489
Conc: 21.03 ug/ml



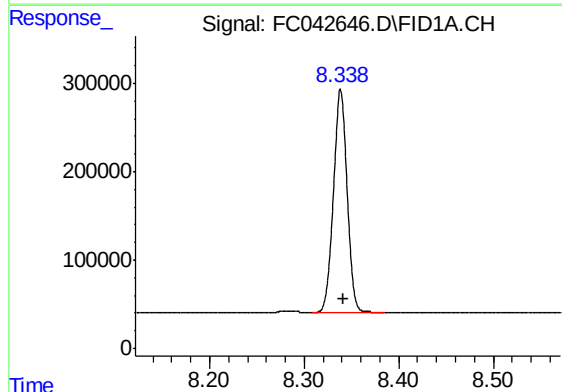
#4 n-Dodecane (C12)

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 2543177
Conc: 21.43 ug/ml



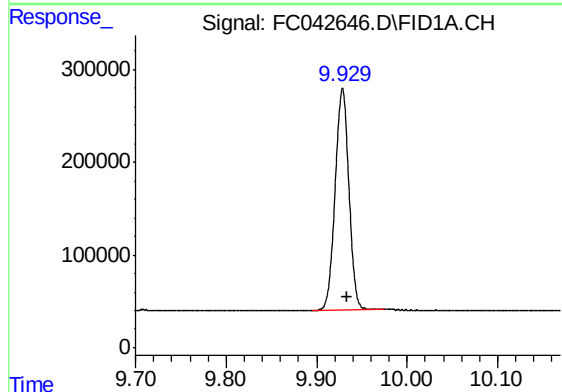
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 2734306
Conc: 21.04 ug/ml



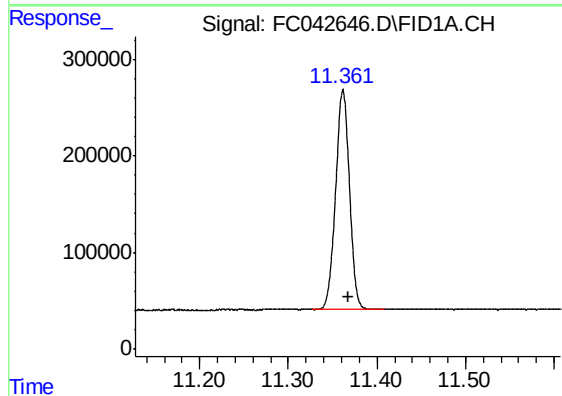
#6 n-Tetradecane (C14)

R.T.: 8.339 min
Delta R.T.: -0.003 min
Response: 2534639
Conc: 21.30 ug/ml



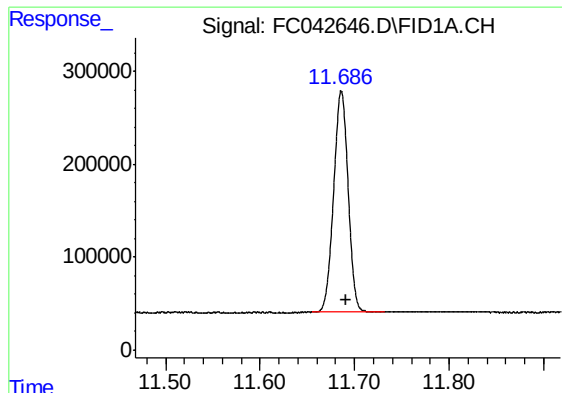
#7 n-Hexadecane (C16)

R.T.: 9.929 min
Delta R.T.: -0.004 min
Response: 2516857
Conc: 20.96 ug/ml



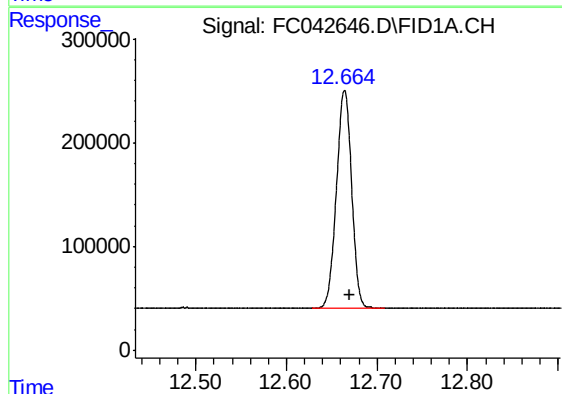
#8 n-Octadecane (C18)

R.T.: 11.362 min
Delta R.T.: -0.007 min
Response: 2483797
Conc: 20.35 ug/ml



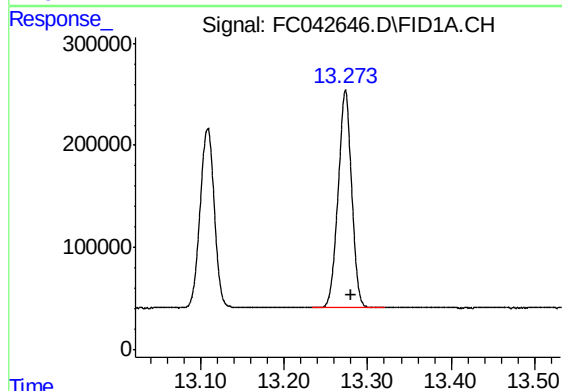
#9 ortho-Terphenyl (SURR)

R.T.: 11.686 min
Delta R.T.: -0.005 min
Response: 2540995
Conc: 19.20 ug/ml



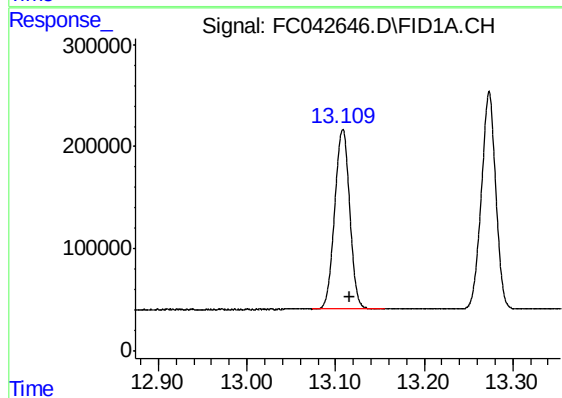
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: -0.006 min
Response: 2444524
Conc: 19.60 ug/ml



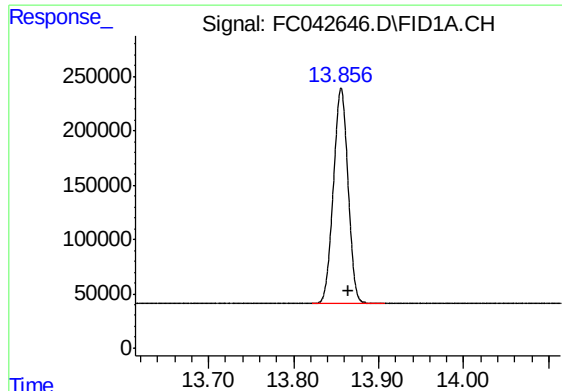
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: -0.007 min
Response: 2401422
Conc: 19.18 ug/ml



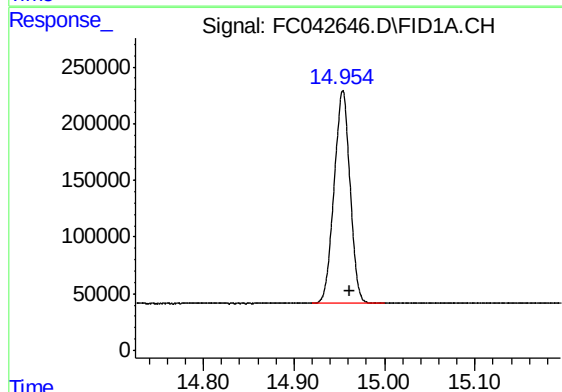
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: -0.007 min
Response: 2077742
Conc: 18.95 ug/ml



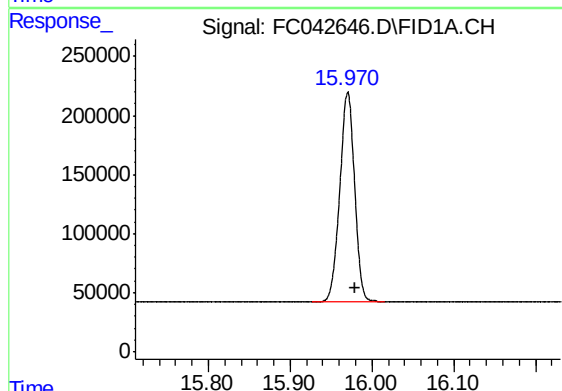
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: -0.008 min
Response: 2358999
Conc: 18.81 ug/ml



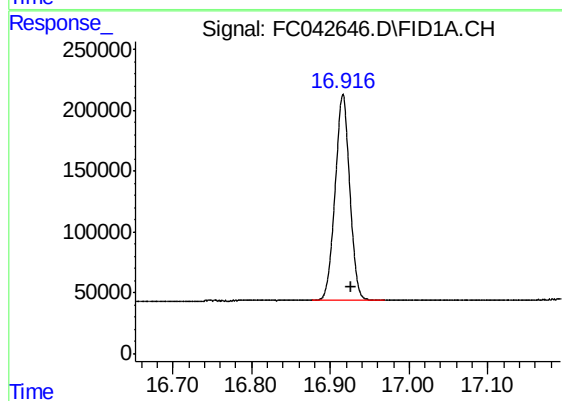
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.008 min
Response: 2286447
Conc: 18.05 ug/ml



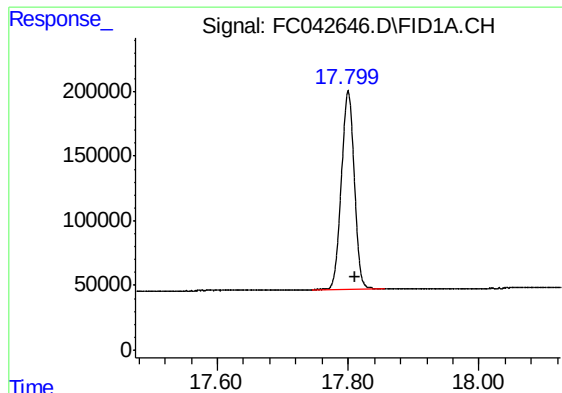
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: -0.008 min
Response: 2218628
Conc: 17.55 ug/ml



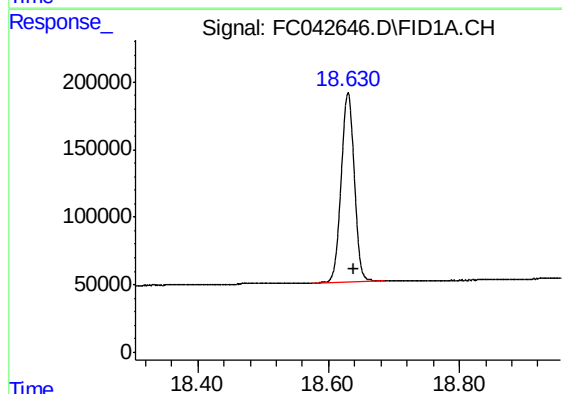
#16 n-Octacosane (C28)

R.T.: 16.916 min
Delta R.T.: -0.011 min
Response: 2173832
Conc: 17.23 ug/ml



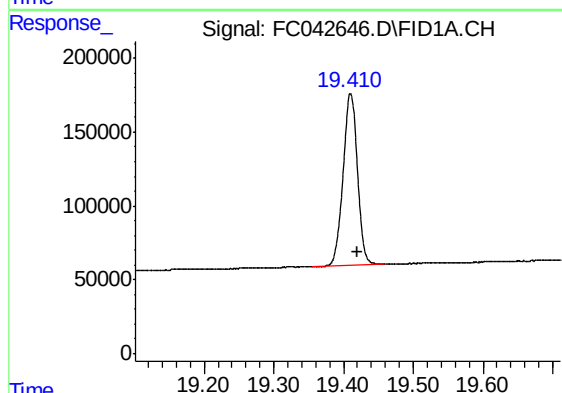
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: -0.011 min
Response: 2101789
Conc: 17.14 ug/ml



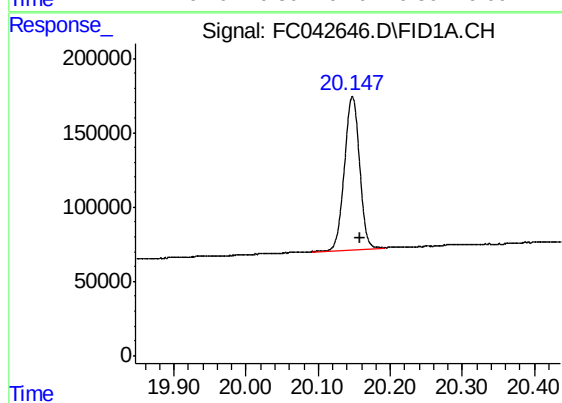
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: -0.009 min
Response: 1948674
Conc: 17.44 ug/ml



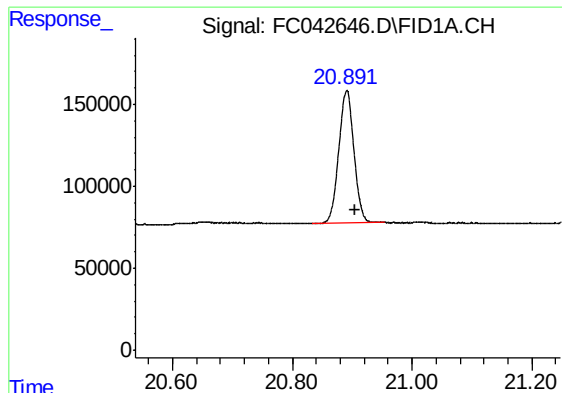
#19 n-Tetatriacontane (C34)

R.T.: 19.410 min
Delta R.T.: -0.010 min
Response: 1659495
Conc: 17.92 ug/ml



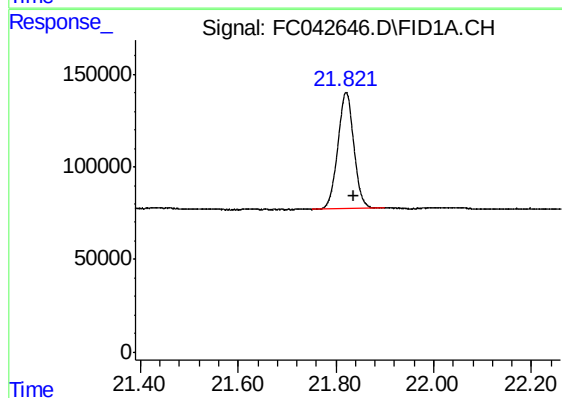
#20 n-Hexatriacontane (C36)

R.T.: 20.148 min
Delta R.T.: -0.010 min
Response: 1493273
Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: -0.013 min
Response: 1424010
Conc: 19.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.821 min
Delta R.T.: -0.016 min
Response: 1427820
Conc: 20.58 ug/ml