

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061520AL\
 Data File : FC047855.D
 Signal(s) : FID1A.CH
 Acq On : 15 Jun 2020 10:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 16 02:23:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.729	2262309	18.859 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
12) S 1-chlorooctadecane (S...	13.142	1815278	18.536 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
Target Compounds			
1) T n-Nonane (C9)	3.540	2067200	20.657 ug/ml
2) T n-Decane (C10)	4.603	2088819	20.789 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2075979	20.575 ug/ml
4) T n-Dodecane (C12)	6.603	2153189	20.569 ug/ml
5) T A~2-methylnaphthalene...	7.248	2103925	20.327 ug/ml
6) T n-Tetradecane (C14)	8.380	2155241	20.535 ug/ml
7) T n-Hexadecane (C16)	9.967	2098165	20.082 ug/ml
8) T n-Octadecane (C18)	11.397	2179174	19.604 ug/ml
10) T n-Eicosane (C20)	12.696	2148689	18.881 ug/ml
11) T n-Heneicosane (C21)	13.304	2122967	18.552 ug/ml
13) T n-Docosane (C22)	13.886	2091392	18.232 ug/ml
14) T n-Tetracosane (C24)	14.981	2013160	17.519 ug/ml
15) T n-Hexacosane (C26)	15.996	1920170	16.811 ug/ml
16) T n-Octacosane (C28)	16.939	1853133	16.304 ug/ml
17) T n-Tricontane (C30)	17.822	1774658	16.193 ug/ml
18) T n-Dotriacontane (C32)	18.648	1635382	16.497 ug/ml
19) T n-Tetratriacontane (C34)	19.426	1544783	16.867 ug/ml
20) T n-Hexatriacontane (C36)	20.161	1526651	17.802 ug/mlm
21) T n-Octatriacontane (C38)	20.915	1472934	18.496 ug/ml
22) T n-Tetracontane (C40)	21.853	1537495	19.446 ug/ml

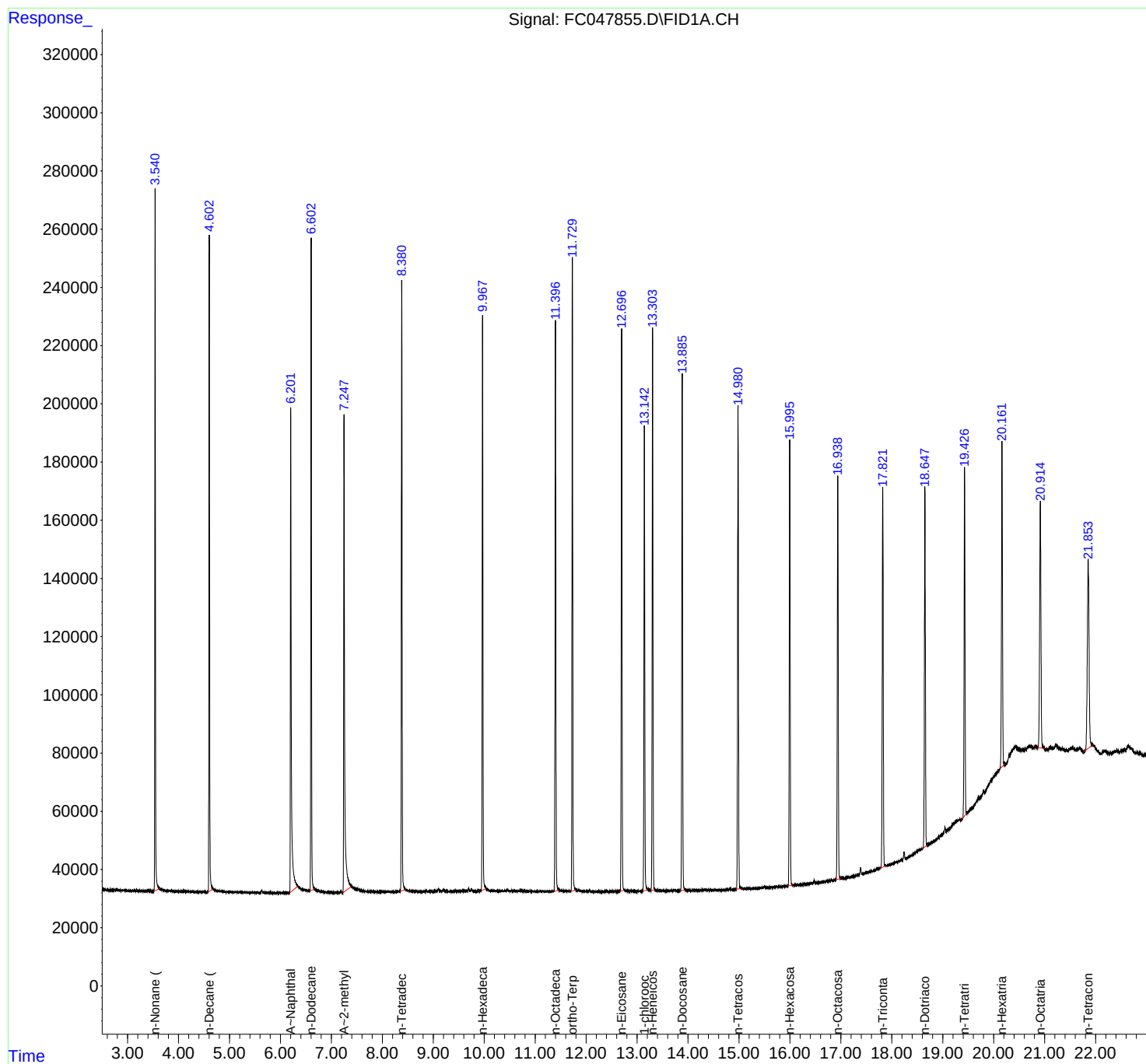
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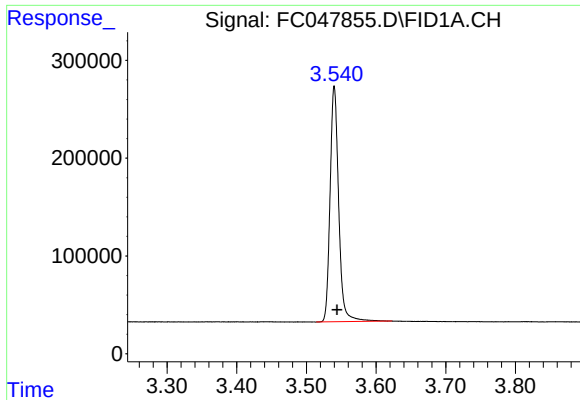
(m)=manual int.

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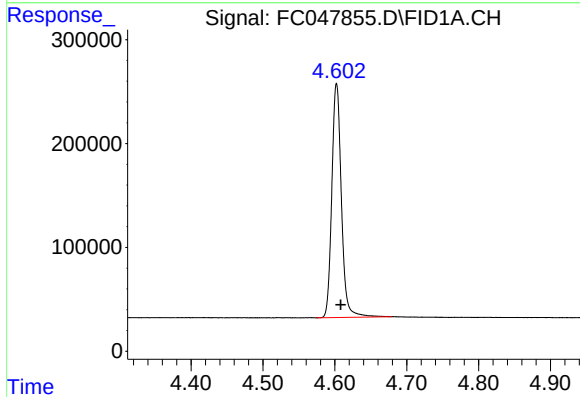
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





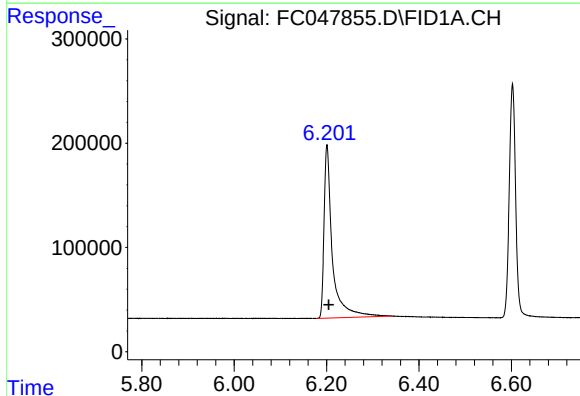
#1 n-Nonane (C9)

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 2067200
Conc: 20.66 ug/ml



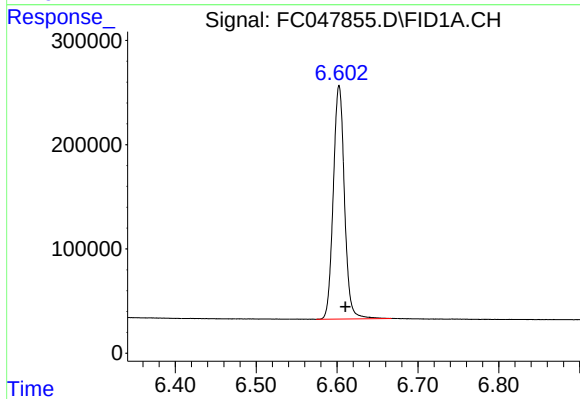
#2 n-Decane (C10)

R.T.: 4.603 min
Delta R.T.: -0.006 min
Response: 2088819
Conc: 20.79 ug/ml



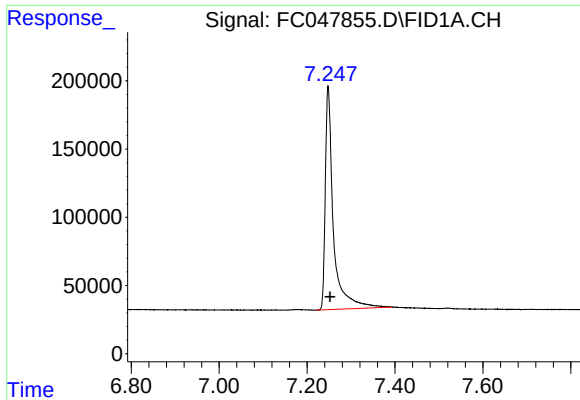
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 2075979
Conc: 20.58 ug/ml



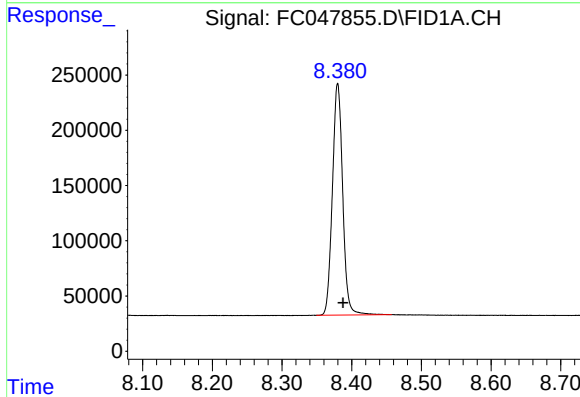
#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: -0.008 min
Response: 2153189
Conc: 20.57 ug/ml



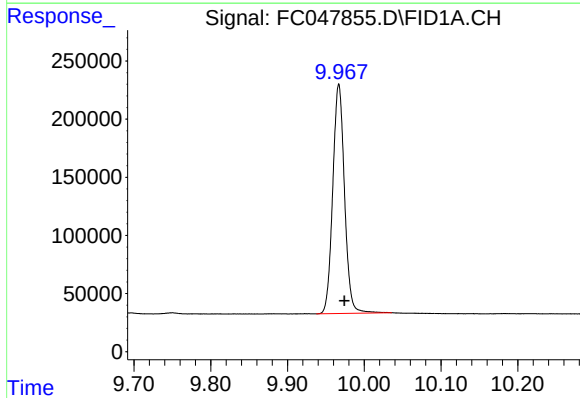
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: -0.005 min
Response: 2103925
Conc: 20.33 ug/ml



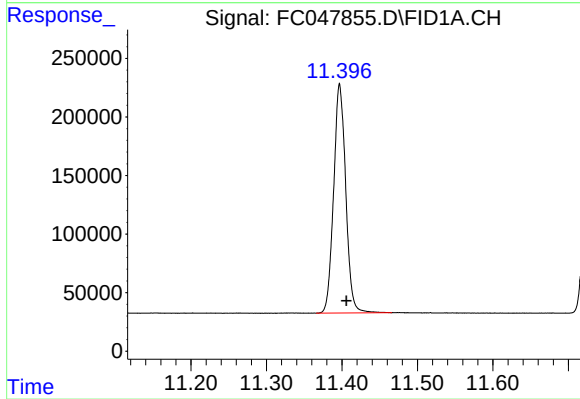
#6 n-Tetradecane (C14)

R.T.: 8.380 min
Delta R.T.: -0.008 min
Response: 2155241
Conc: 20.53 ug/ml



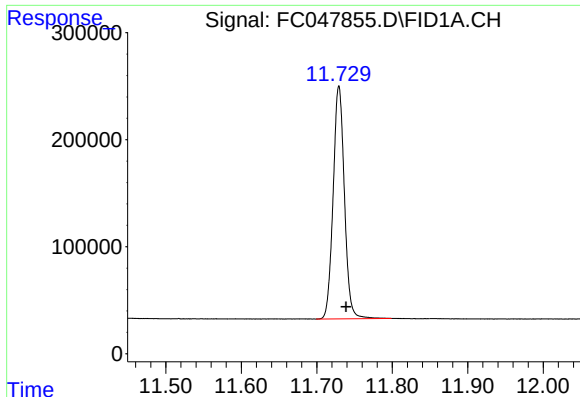
#7 n-Hexadecane (C16)

R.T.: 9.967 min
Delta R.T.: -0.007 min
Response: 2098165
Conc: 20.08 ug/ml



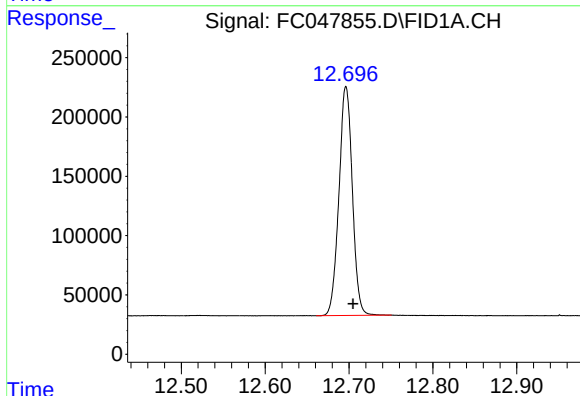
#8 n-Octadecane (C18)

R.T.: 11.397 min
Delta R.T.: -0.009 min
Response: 2179174
Conc: 19.60 ug/ml



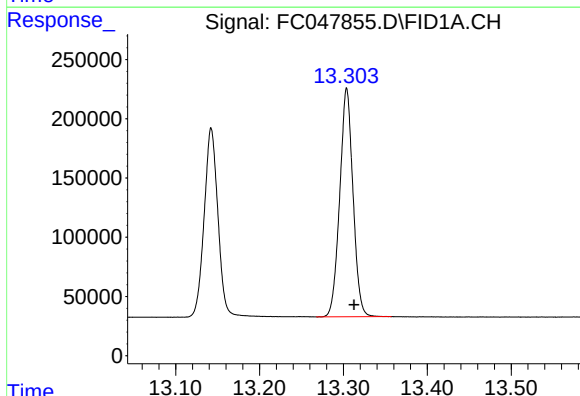
#9 ortho-Terphenyl (SURR)

R.T.: 11.729 min
Delta R.T.: -0.010 min
Response: 2262309
Conc: 18.86 ug/ml



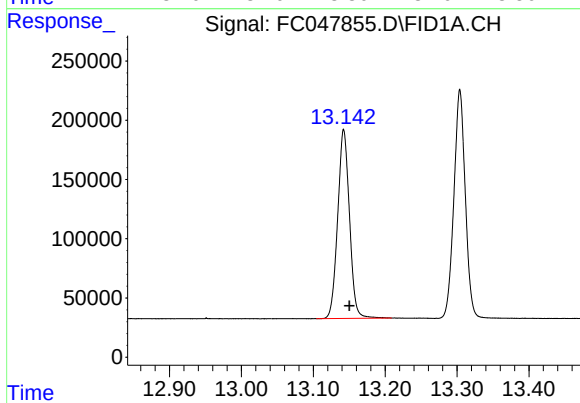
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.008 min
Response: 2148689
Conc: 18.88 ug/ml



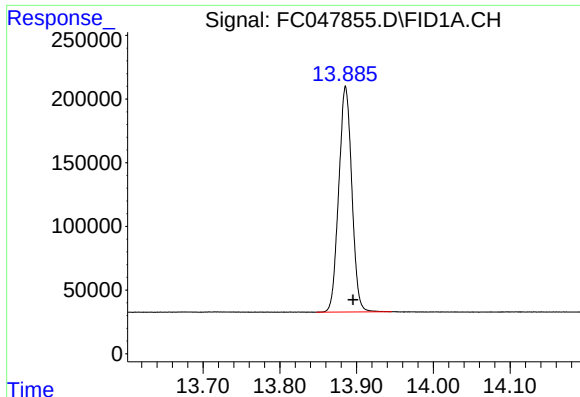
#11 n-Heneicosane (C21)

R.T.: 13.304 min
Delta R.T.: -0.009 min
Response: 2122967
Conc: 18.55 ug/ml



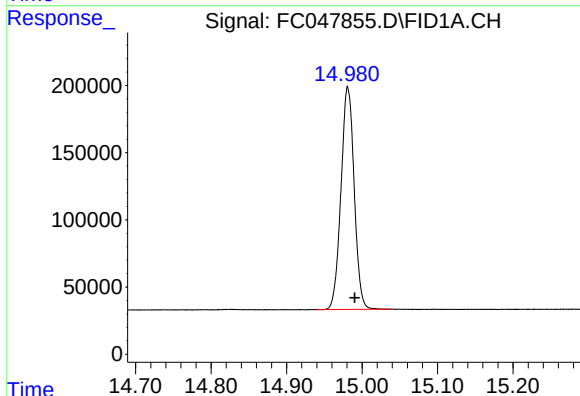
#12 1-chlorooctadecane (SURR)

R.T.: 13.142 min
Delta R.T.: -0.008 min
Response: 1815278
Conc: 18.54 ug/ml



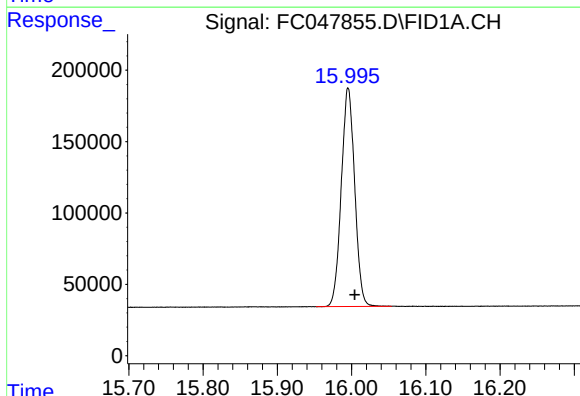
#13 n-Docosane (C22)

R.T.: 13.886 min
Delta R.T.: -0.009 min
Response: 2091392
Conc: 18.23 ug/ml



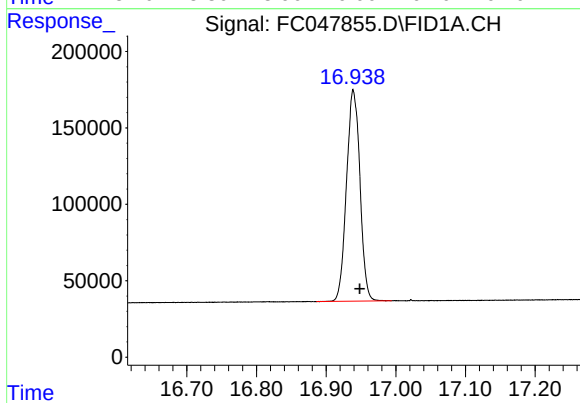
#14 n-Tetracosane (C24)

R.T.: 14.981 min
Delta R.T.: -0.009 min
Response: 2013160
Conc: 17.52 ug/ml



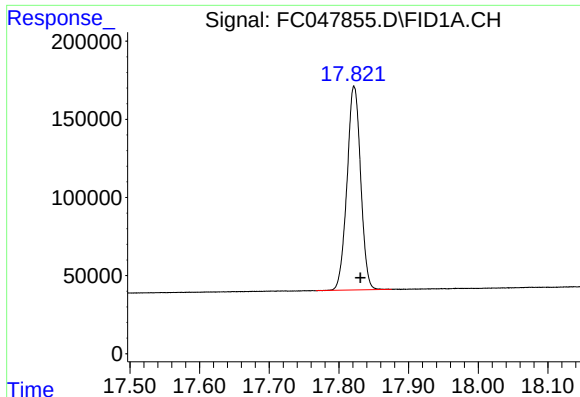
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: -0.009 min
Response: 1920170
Conc: 16.81 ug/ml



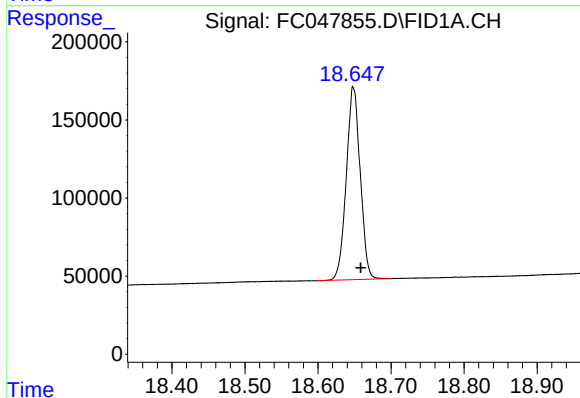
#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: -0.009 min
Response: 1853133
Conc: 16.30 ug/ml



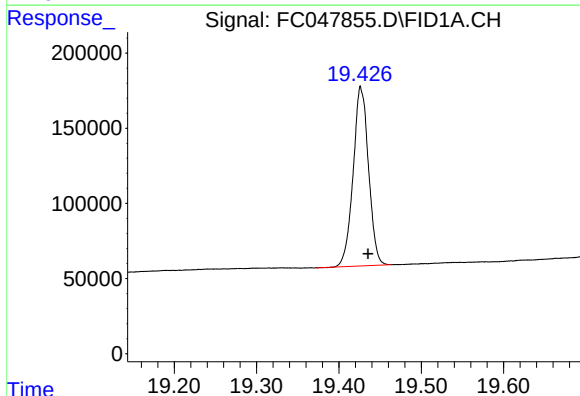
#17 n-Tricontane (C30)

R.T.: 17.822 min
Delta R.T.: -0.009 min
Response: 1774658
Conc: 16.19 ug/ml



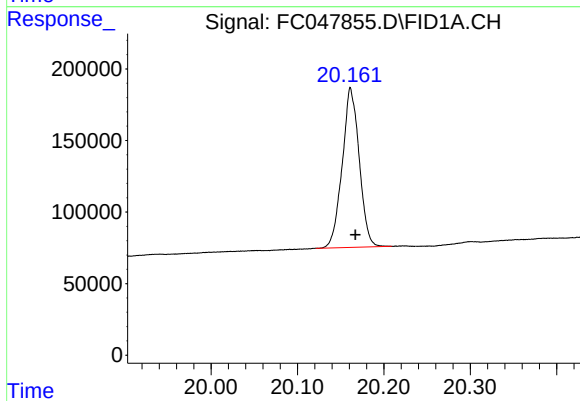
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.010 min
Response: 1635382
Conc: 16.50 ug/ml



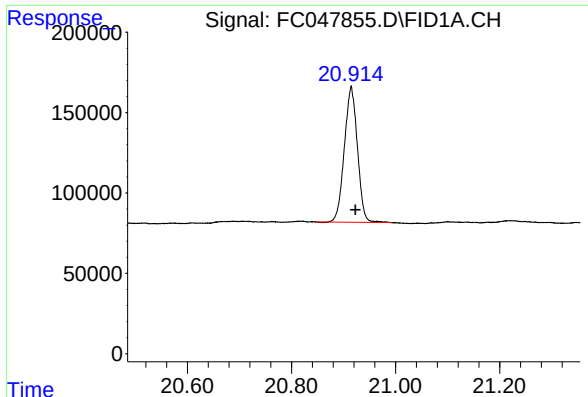
#19 n-Tetratriacontane (C34)

R.T.: 19.426 min
Delta R.T.: -0.009 min
Response: 1544783
Conc: 16.87 ug/ml



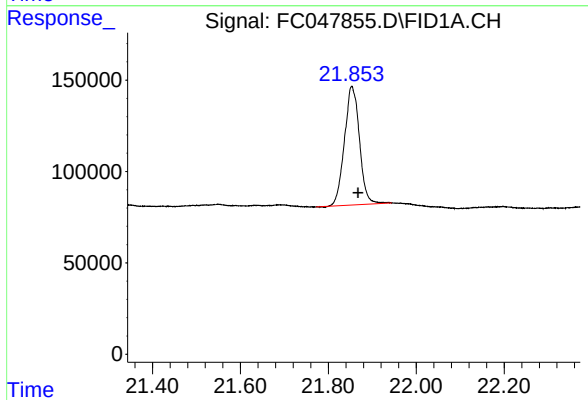
#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: -0.006 min
Response: 1526651
Conc: 17.80 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: -0.008 min
Response: 1472934
Conc: 18.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.853 min
Delta R.T.: -0.015 min
Response: 1537495
Conc: 19.45 ug/ml