

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071420AL\
 Data File : FC048408.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jul 2020 9:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 01:05:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.678	2697452	19.654 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	13.111	2177864	19.327 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T n-Nonane (C9)	3.412	2433584	20.415 ug/ml
2) T n-Decane (C10)	4.485	2467826	20.502 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2792103	20.748 ug/ml
4) T n-Dodecane (C12)	6.510	2509480	20.512 ug/ml
5) T A~2-methylnaphthalene...	7.139	2853058	20.699 ug/ml
6) T n-Tetradecane (C14)	8.309	2501584	20.307 ug/ml
7) T n-Hexadecane (C16)	9.911	2459640	20.093 ug/ml
8) T n-Octadecane (C18)	11.356	2540187	19.848 ug/ml
10) T n-Eicosane (C20)	12.667	2529649	19.559 ug/ml
11) T n-Heneicosane (C21)	13.279	2511230	19.373 ug/ml
13) T n-Docosane (C22)	13.865	2502490	19.274 ug/ml
14) T n-Tetracosane (C24)	14.968	2449075	18.683 ug/ml
15) T n-Hexacosane (C26)	15.989	2371795	18.240 ug/ml
16) T n-Octacosane (C28)	16.938	2302306	17.620 ug/ml
17) T n-Tricontane (C30)	17.825	2185785	17.002 ug/ml
18) T n-Dotriacontane (C32)	18.656	1953295	16.534 ug/ml
19) T n-Tetratriacontane (C34)	19.440	1790018	16.036 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1666006	15.840 ug/ml
21) T n-Octatriacontane (C38)	20.934	1581811	16.113 ug/ml
22) T n-Tetracontane (C40)	21.892	1626371	16.736 ug/ml

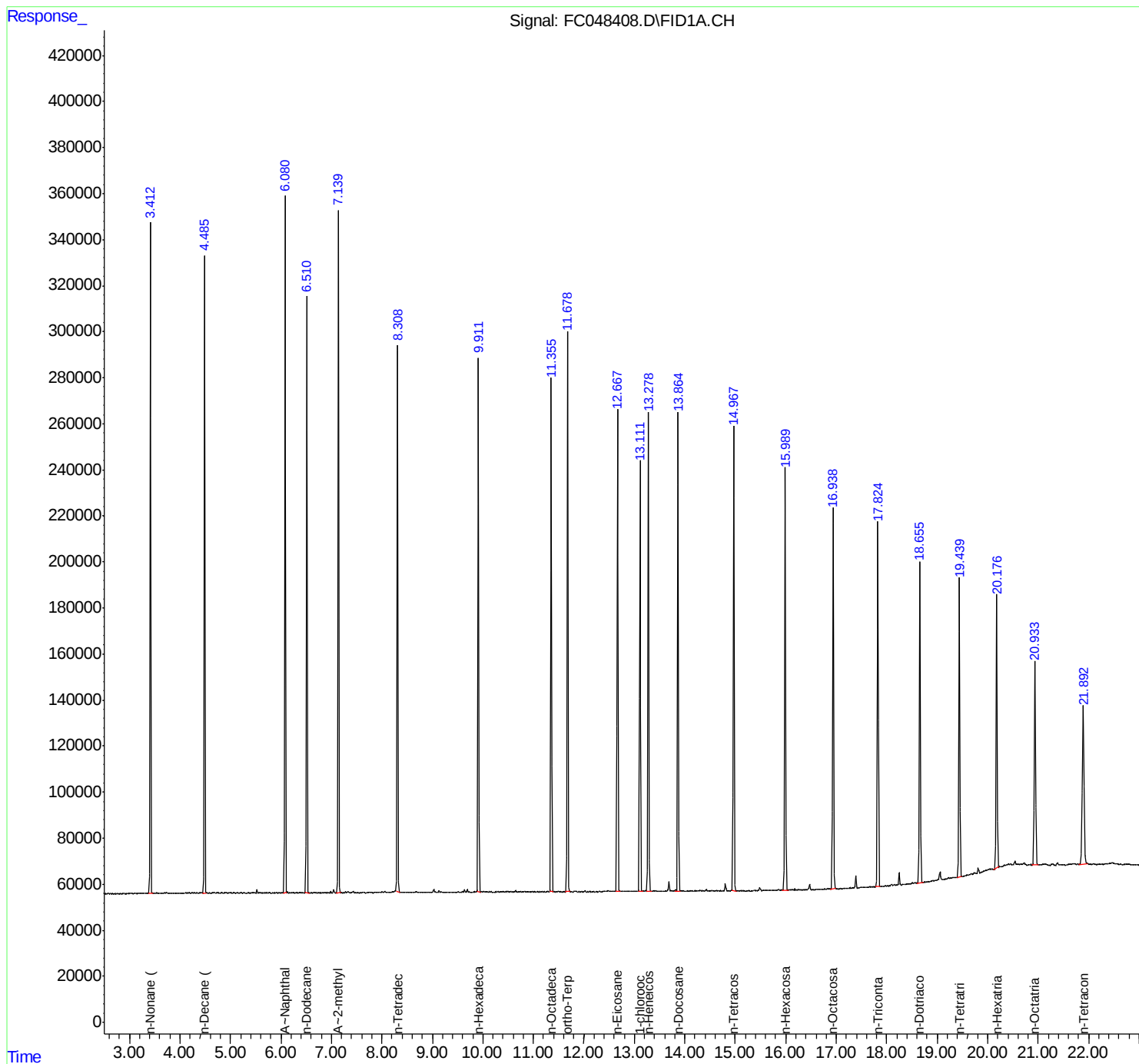
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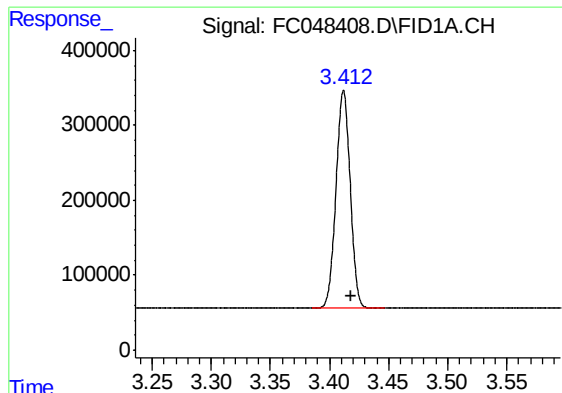
(m)=manual int.

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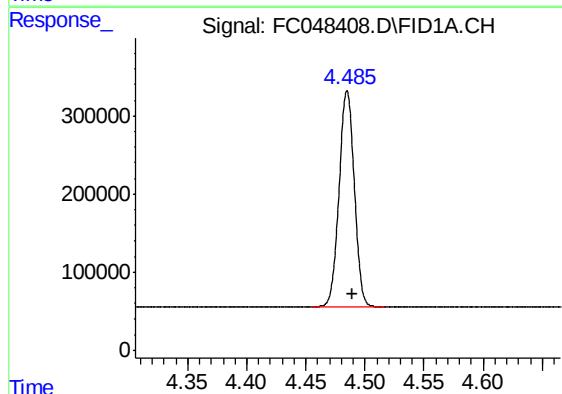
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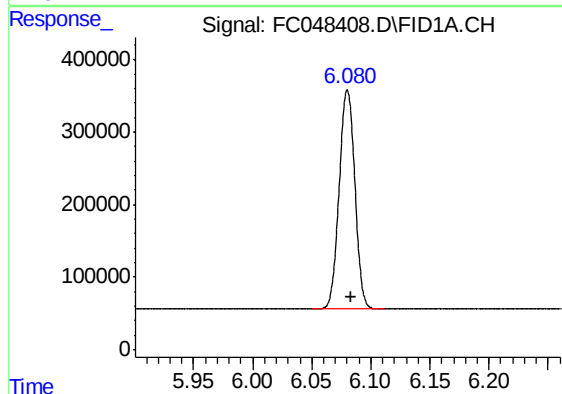
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: -0.006 min
Response: 2433584
Conc: 20.42 ug/ml



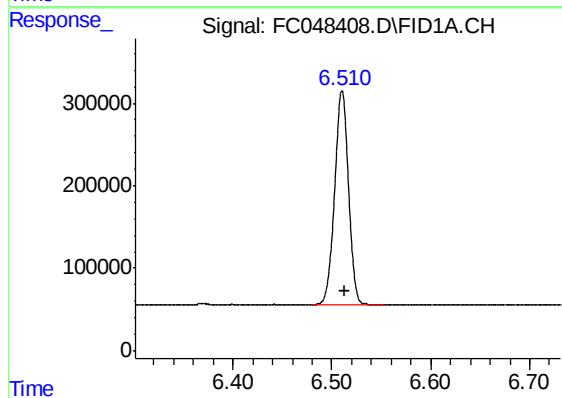
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 2467826
Conc: 20.50 ug/ml



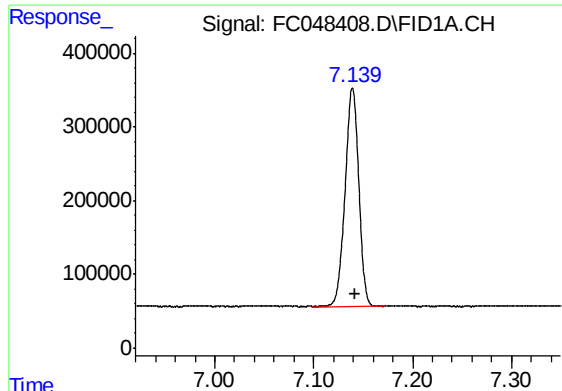
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 2792103
Conc: 20.75 ug/ml



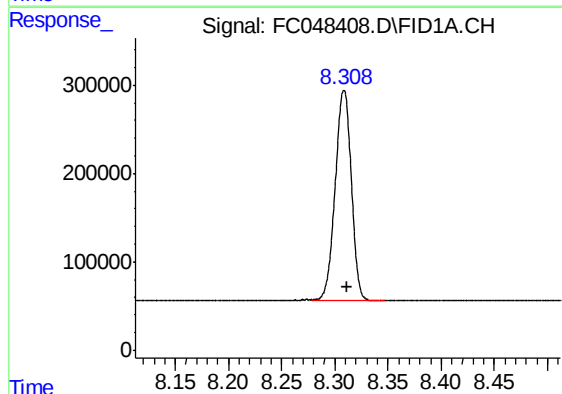
#4 n-Dodecane (C12)

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 2509480
Conc: 20.51 ug/ml



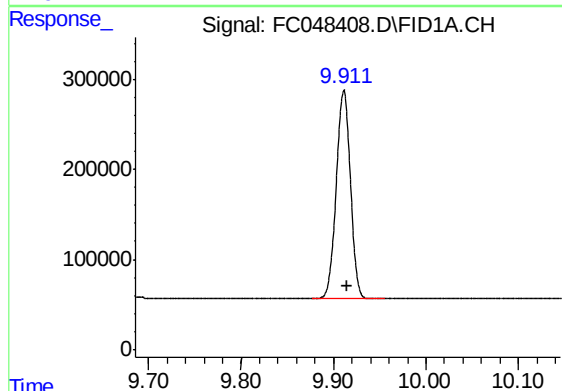
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: -0.002 min
Response: 2853058
Conc: 20.70 ug/ml



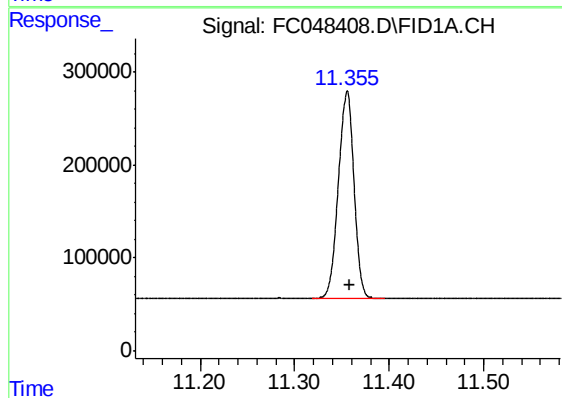
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.003 min
Response: 2501584
Conc: 20.31 ug/ml



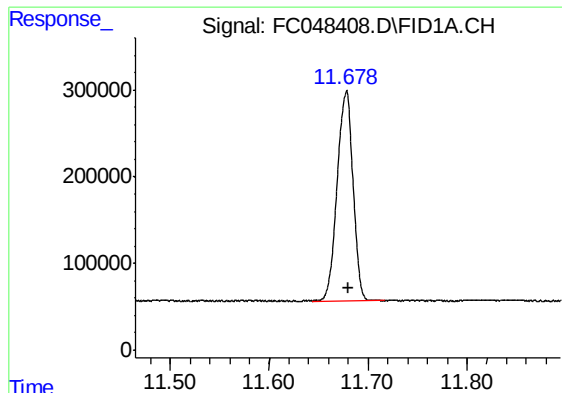
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.004 min
Response: 2459640
Conc: 20.09 ug/ml



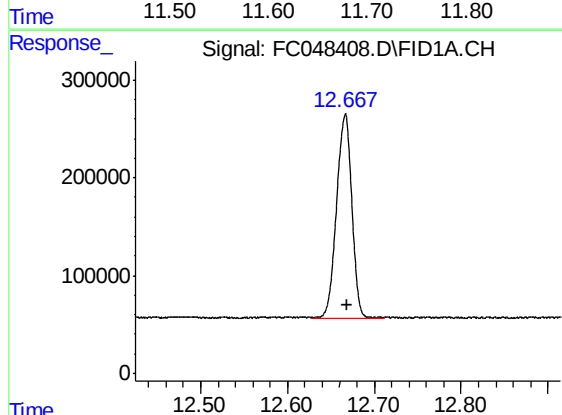
#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.003 min
Response: 2540187
Conc: 19.85 ug/ml



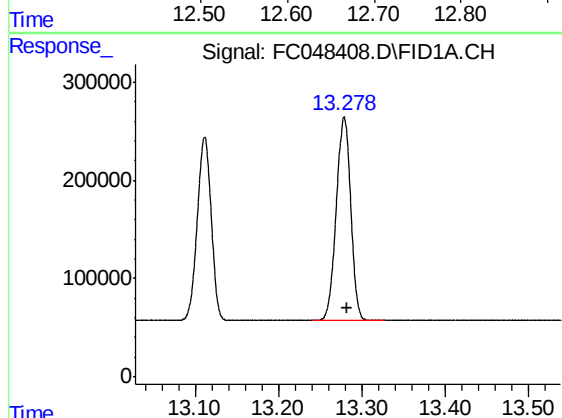
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.001 min
Response: 2697452
Conc: 19.65 ug/ml



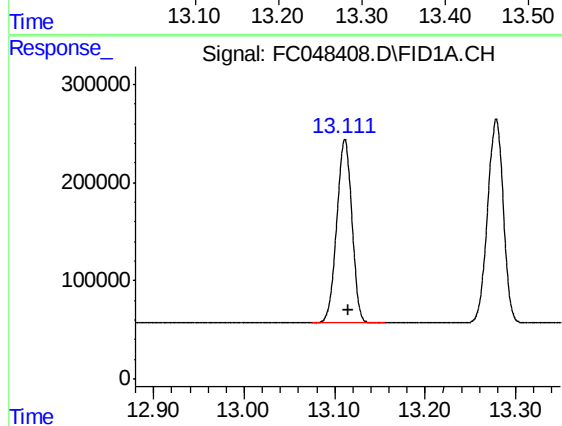
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2529649
Conc: 19.56 ug/ml



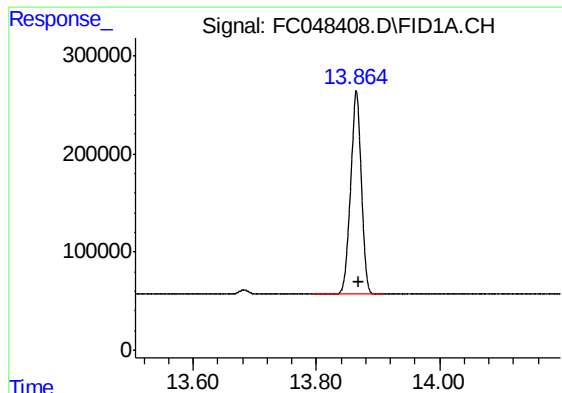
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.003 min
Response: 2511230
Conc: 19.37 ug/ml



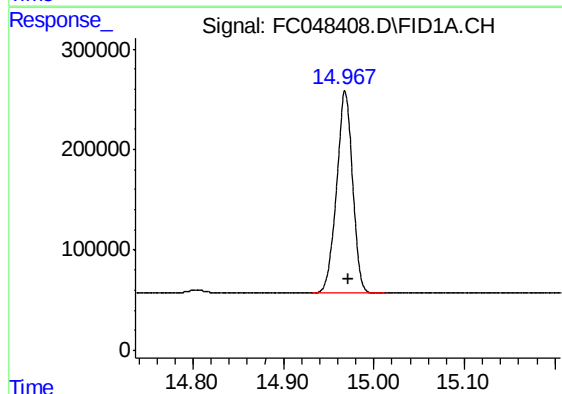
#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.005 min
Response: 2177864
Conc: 19.33 ug/ml



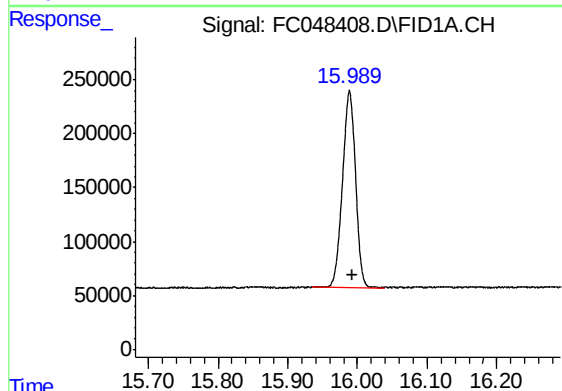
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2502490
Conc: 19.27 ug/ml



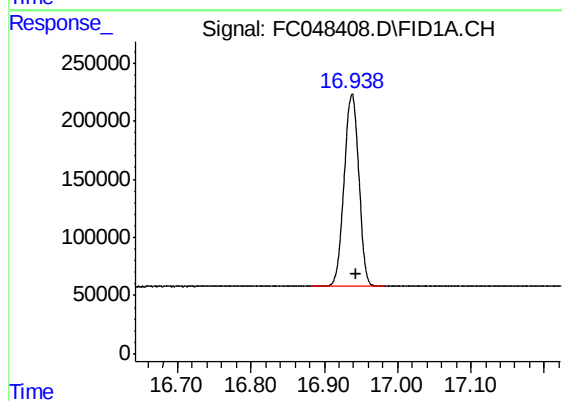
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.004 min
Response: 2449075
Conc: 18.68 ug/ml



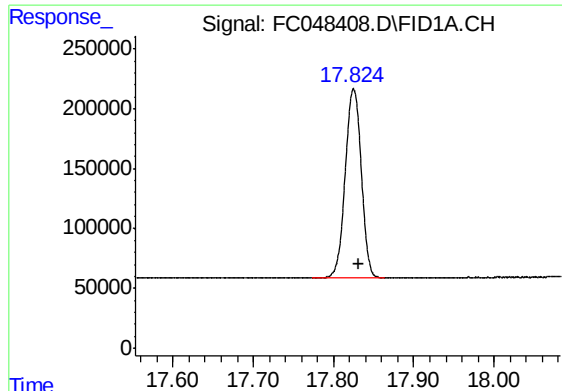
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: -0.004 min
Response: 2371795
Conc: 18.24 ug/ml



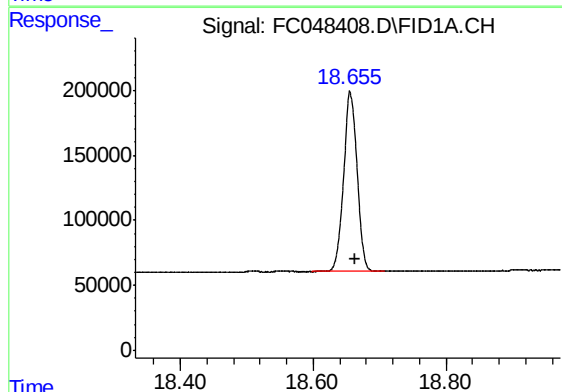
#16 n-Octacosane (C28)

R.T.: 16.938 min
Delta R.T.: -0.005 min
Response: 2302306
Conc: 17.62 ug/ml



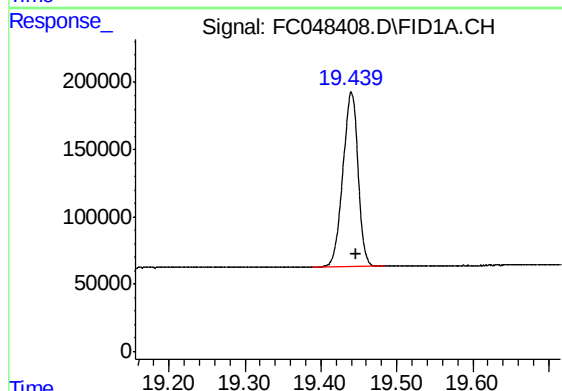
#17 n-Tricontane (C30)

R.T.: 17.825 min
Delta R.T.: -0.006 min
Response: 2185785
Conc: 17.00 ug/ml



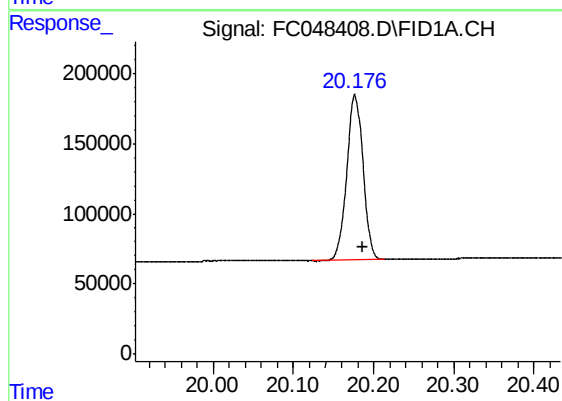
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.007 min
Response: 1953295
Conc: 16.53 ug/ml



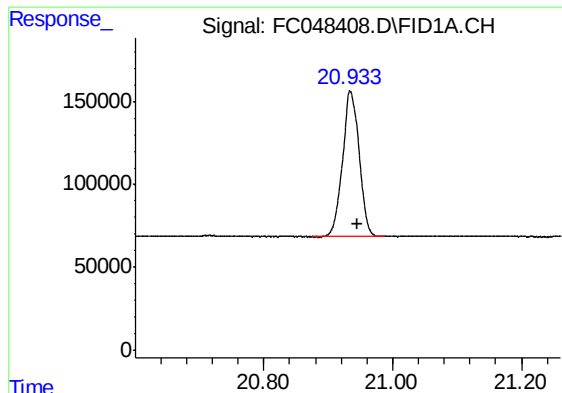
#19 n-Tetatriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.007 min
Response: 1790018
Conc: 16.04 ug/ml



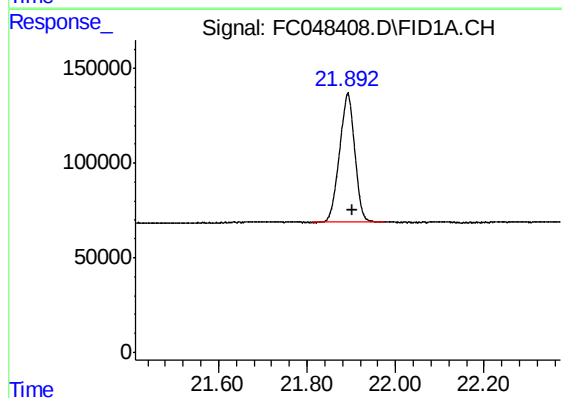
#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: -0.010 min
Response: 1666006
Conc: 15.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: -0.011 min
Response: 1581811
Conc: 16.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: -0.009 min
Response: 1626371
Conc: 16.74 ug/ml