

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083120AL\
 Data File : FC049353.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2020 22:52
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 01 00:48:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.673	2530818	21.301 ug/ml
Spiked Amount 50.000		Recovery =	42.60%
12) S 1-chlorooctadecane (S...	13.104	2062266	21.199 ug/ml
Spiked Amount 50.000		Recovery =	42.40%
Target Compounds			
1) T n-Nonane (C9)	3.404	2214257	21.230 ug/ml
2) T n-Decane (C10)	4.480	2278357	21.722 ug/ml
3) T A~Naphthalene (C11.7)	6.078	2606264	22.037 ug/ml
4) T n-Dodecane (C12)	6.506	2349441	22.151 ug/ml
5) T A~2-methylnaphthalene...	7.138	2683664	22.258 ug/ml
6) T n-Tetradecane (C14)	8.304	2360621	22.417 ug/ml
7) T n-Hexadecane (C16)	9.906	2351892	22.407 ug/ml
8) T n-Octadecane (C18)	11.350	2448429	22.287 ug/ml
10) T n-Eicosane (C20)	12.659	2424102	21.783 ug/ml
11) T n-Heneicosane (C21)	13.271	2389373	21.389 ug/ml
13) T n-Docosane (C22)	13.856	2353420	20.938 ug/ml
14) T n-Tetracosane (C24)	14.958	2275326	20.014 ug/ml
15) T n-Hexacosane (C26)	15.979	2171051	18.975 ug/ml
16) T n-Octacosane (C28)	16.927	2107441	18.115 ug/ml
17) T n-Tricontane (C30)	17.813	2040942	17.655 ug/ml
18) T n-Dotriacontane (C32)	18.644	1883068	17.416 ug/ml
19) T n-Tetratriacontane (C34)	19.426	1797059	17.326 ug/ml
20) T n-Hexatriacontane (C36)	20.165	1745965	17.560 ug/ml
21) T n-Octatriacontane (C38)	20.916	1696035	17.936 ug/ml
22) T n-Tetracontane (C40)	21.861	1741803	18.245 ug/ml

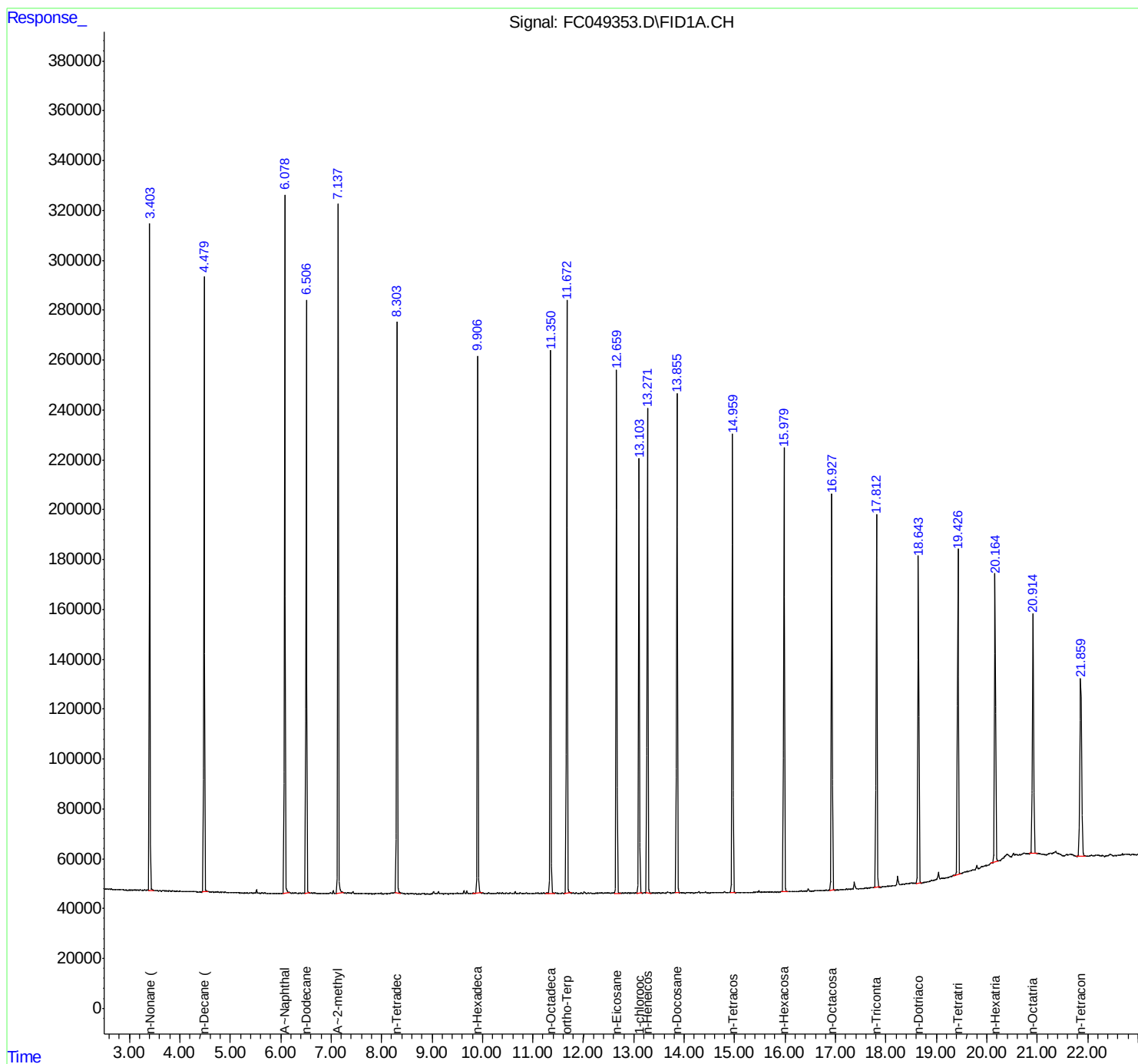
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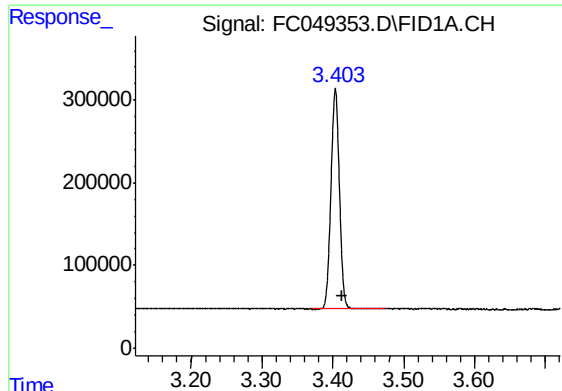
(m)=manual int.

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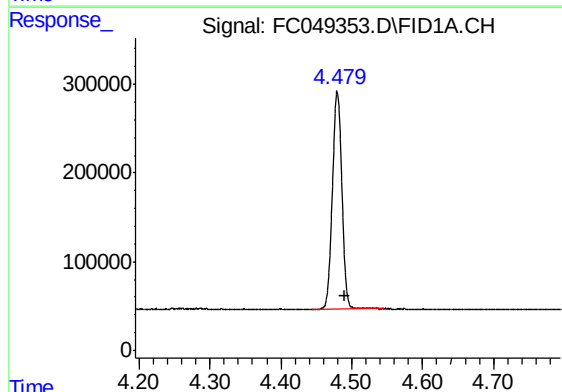
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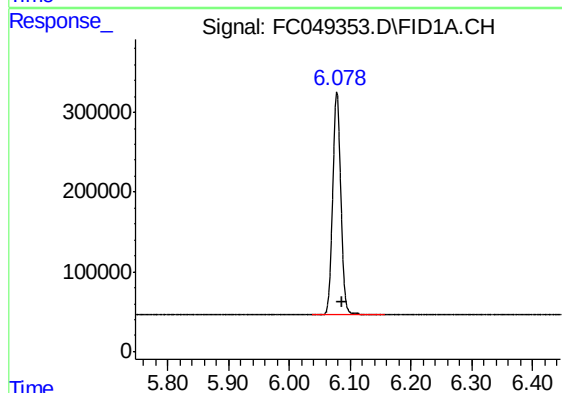
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.009 min
Response: 2214257
Conc: 21.23 ug/ml



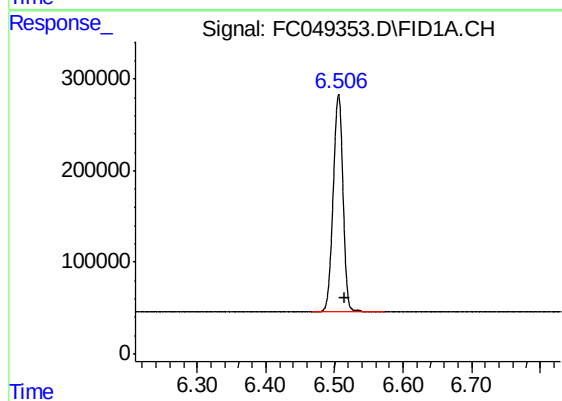
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.010 min
Response: 2278357
Conc: 21.72 ug/ml



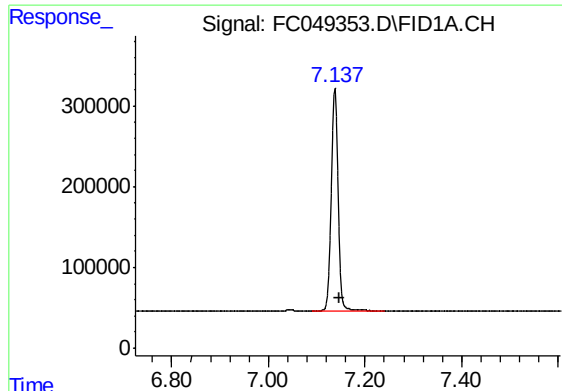
#3 A~Naphthalene (C11.7)

R.T.: 6.078 min
Delta R.T.: -0.009 min
Response: 2606264
Conc: 22.04 ug/ml



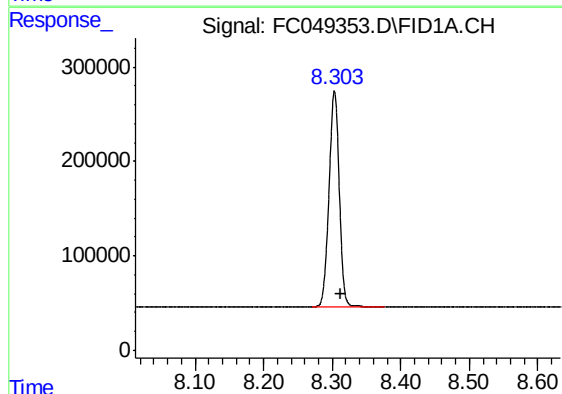
#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: -0.009 min
Response: 2349441
Conc: 22.15 ug/ml



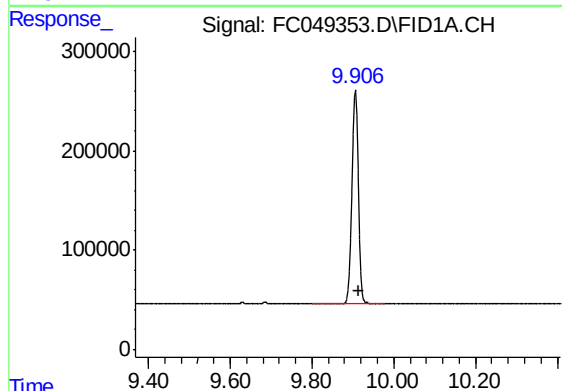
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: -0.010 min
Response: 2683664
Conc: 22.26 ug/ml



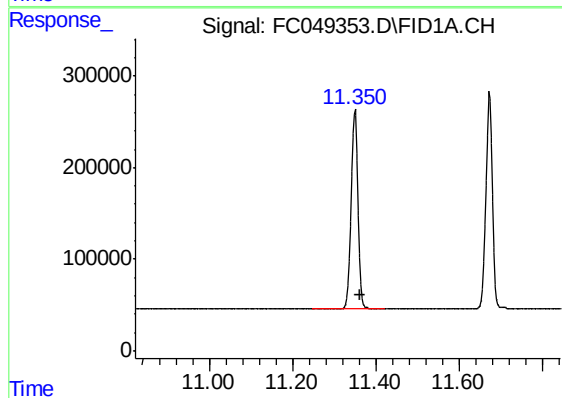
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: -0.010 min
Response: 2360621
Conc: 22.42 ug/ml



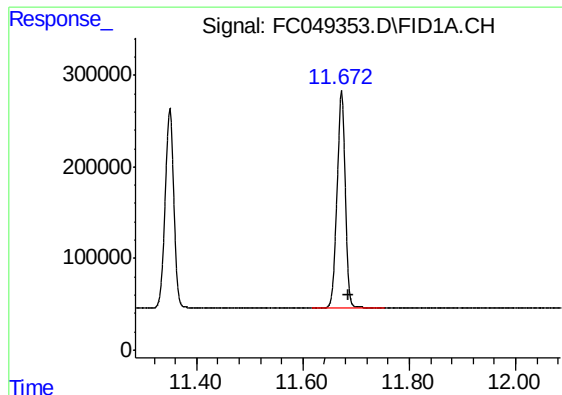
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: -0.009 min
Response: 2351892
Conc: 22.41 ug/ml



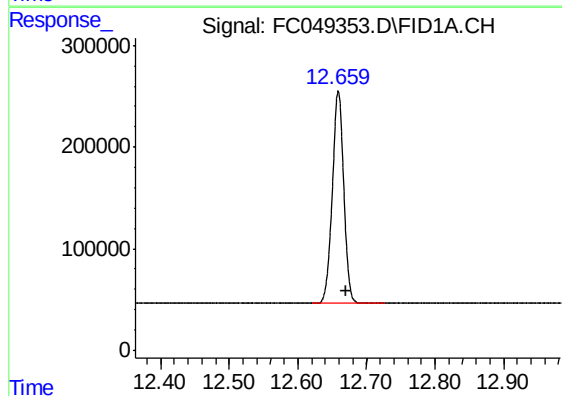
#8 n-Octadecane (C18)

R.T.: 11.350 min
Delta R.T.: -0.012 min
Response: 2448429
Conc: 22.29 ug/ml



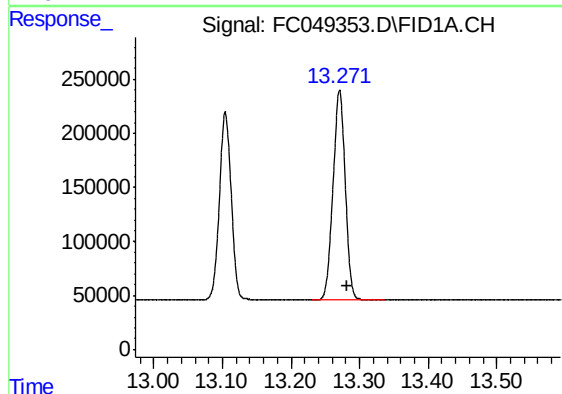
#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: -0.013 min
Response: 2530818
Conc: 21.30 ug/ml



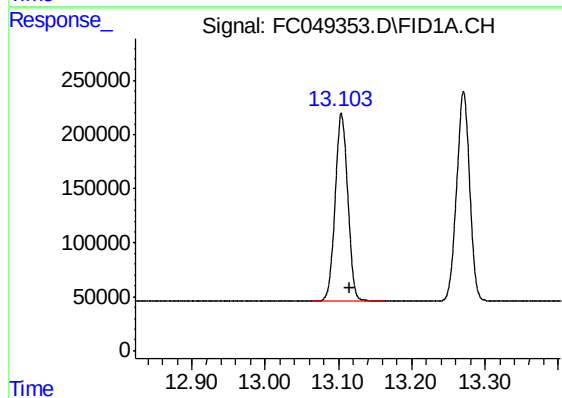
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: -0.011 min
Response: 2424102
Conc: 21.78 ug/ml



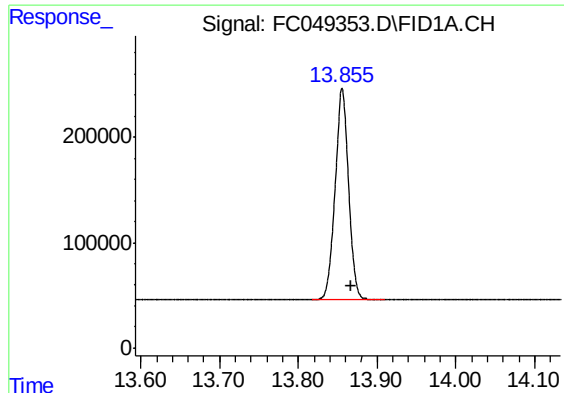
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: -0.011 min
Response: 2389373
Conc: 21.39 ug/ml



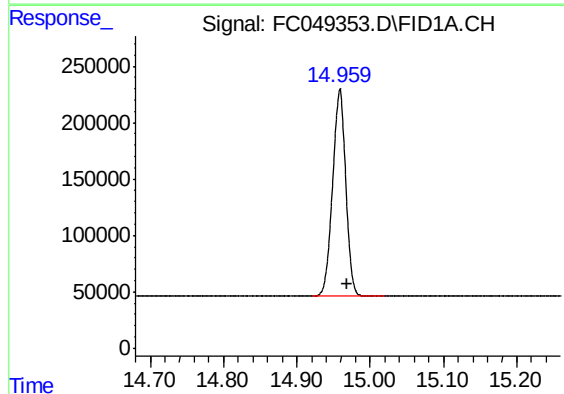
#12 1-chlorooctadecane (SURR)

R.T.: 13.104 min
Delta R.T.: -0.010 min
Response: 2062266
Conc: 21.20 ug/ml



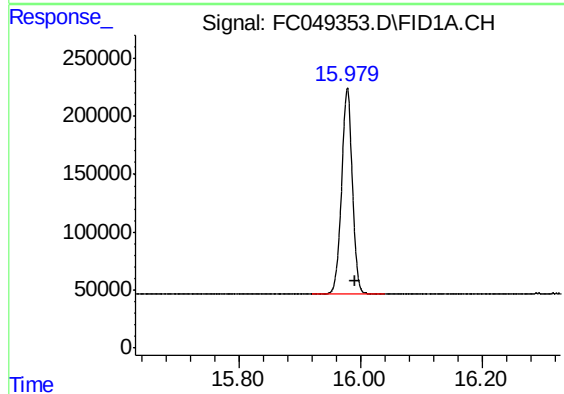
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: -0.012 min
Response: 2353420
Conc: 20.94 ug/ml



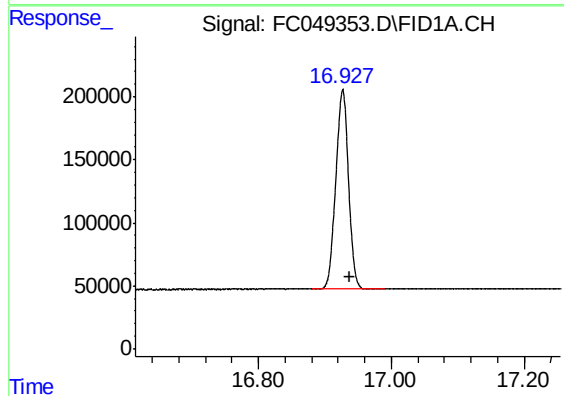
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.011 min
Response: 2275326
Conc: 20.01 ug/ml



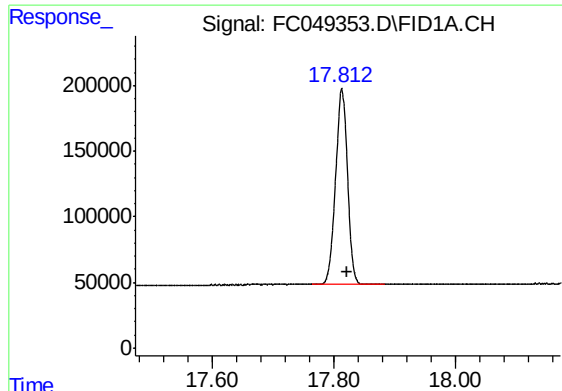
#15 n-Hexacosane (C26)

R.T.: 15.979 min
Delta R.T.: -0.012 min
Response: 2171051
Conc: 18.97 ug/ml



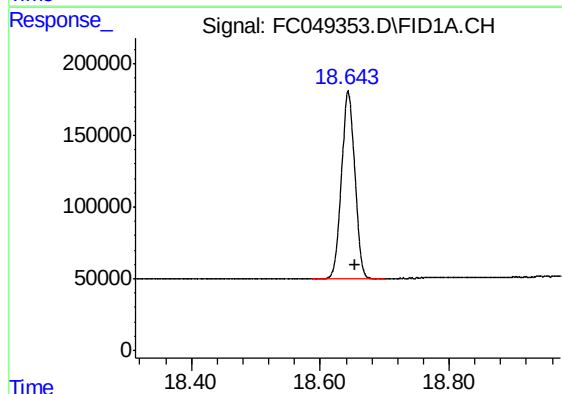
#16 n-Octacosane (C28)

R.T.: 16.927 min
Delta R.T.: -0.011 min
Response: 2107441
Conc: 18.11 ug/ml



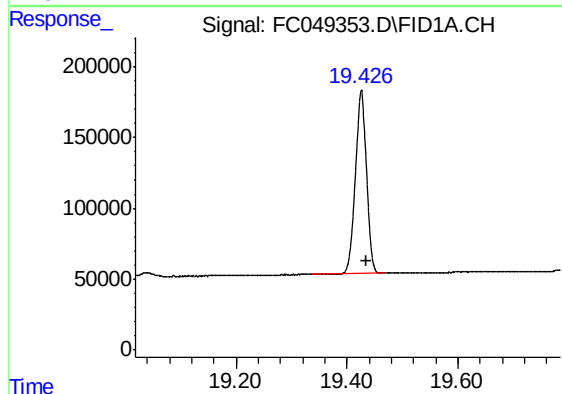
#17 n-Tricontane (C30)

R.T.: 17.813 min
Delta R.T.: -0.010 min
Response: 2040942
Conc: 17.66 ug/ml



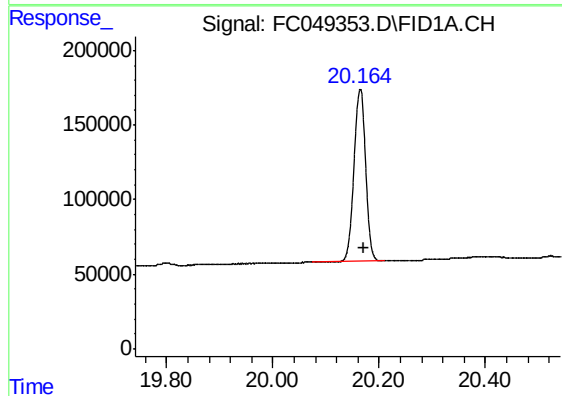
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.010 min
Response: 1883068
Conc: 17.42 ug/ml



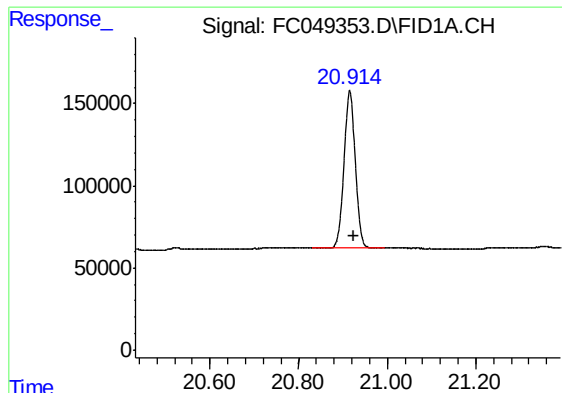
#19 n-Tetatriacontane (C34)

R.T.: 19.426 min
Delta R.T.: -0.008 min
Response: 1797059
Conc: 17.33 ug/ml



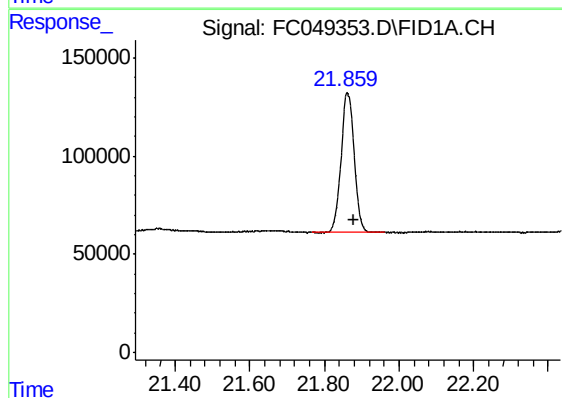
#20 n-Hexatriacontane (C36)

R.T.: 20.165 min
Delta R.T.: -0.007 min
Response: 1745965
Conc: 17.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.916 min
Delta R.T.: -0.009 min
Response: 1696035
Conc: 17.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.015 min
Response: 1741803
Conc: 18.25 ug/ml