

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092221AL\
 Data File : FC055760.D
 Signal(s) : FID1A.CH
 Acq On : 22 Sep 2021 10:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 22 12:14:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 2021
 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)	11.645	2618132	20.733 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
12) S 1-chlorooctadecane (S...	13.078	2048159	20.728 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
Target Compounds			
1) T n-Nonane (C9)	3.398	2359164	21.228 ug/ml
2) T n-Decane (C10)	4.466	2399046	21.418 ug/ml
3) T A~Naphthalene (C11.7)	6.057	2711498	21.599 ug/ml
4) T n-Dodecane (C12)	6.486	2439987	21.805 ug/ml
5) T A~2-methylnaphthalene...	7.115	2742608	21.692 ug/ml
6) T n-Tetradecane (C14)	8.281	2483708	21.942 ug/ml
7) T n-Hexadecane (C16)	9.882	2490961	21.802 ug/ml
8) T n-Octadecane (C18)	11.324	2525906	21.288 ug/ml
10) T n-Eicosane (C20)	12.632	2454666	20.795 ug/ml
11) T n-Heneicosane (C21)	13.244	2439443	20.447 ug/ml
13) T n-Docosane (C22)	13.830	2396036	20.224 ug/ml
14) T n-Tetracosane (C24)	14.931	2332971	19.716 ug/ml
15) T n-Hexacosane (C26)	15.951	2185964	19.184 ug/ml
16) T n-Octacosane (C28)	16.899	2087045	19.187 ug/ml
17) T n-Tricontane (C30)	17.784	2010165	19.871 ug/ml
18) T n-Dotriacontane (C32)	18.614	1919135	21.003 ug/ml
19) T n-Tetratriacontane (C34)	19.395	1876136	21.725 ug/ml
20) T n-Hexatriacontane (C36)	20.133	1796977	21.128 ug/ml
21) T n-Octatriacontane (C38)	20.874	1681692	22.092 ug/ml
22) T n-Tetracontane (C40)	21.799	1755741	25.065 ug/ml

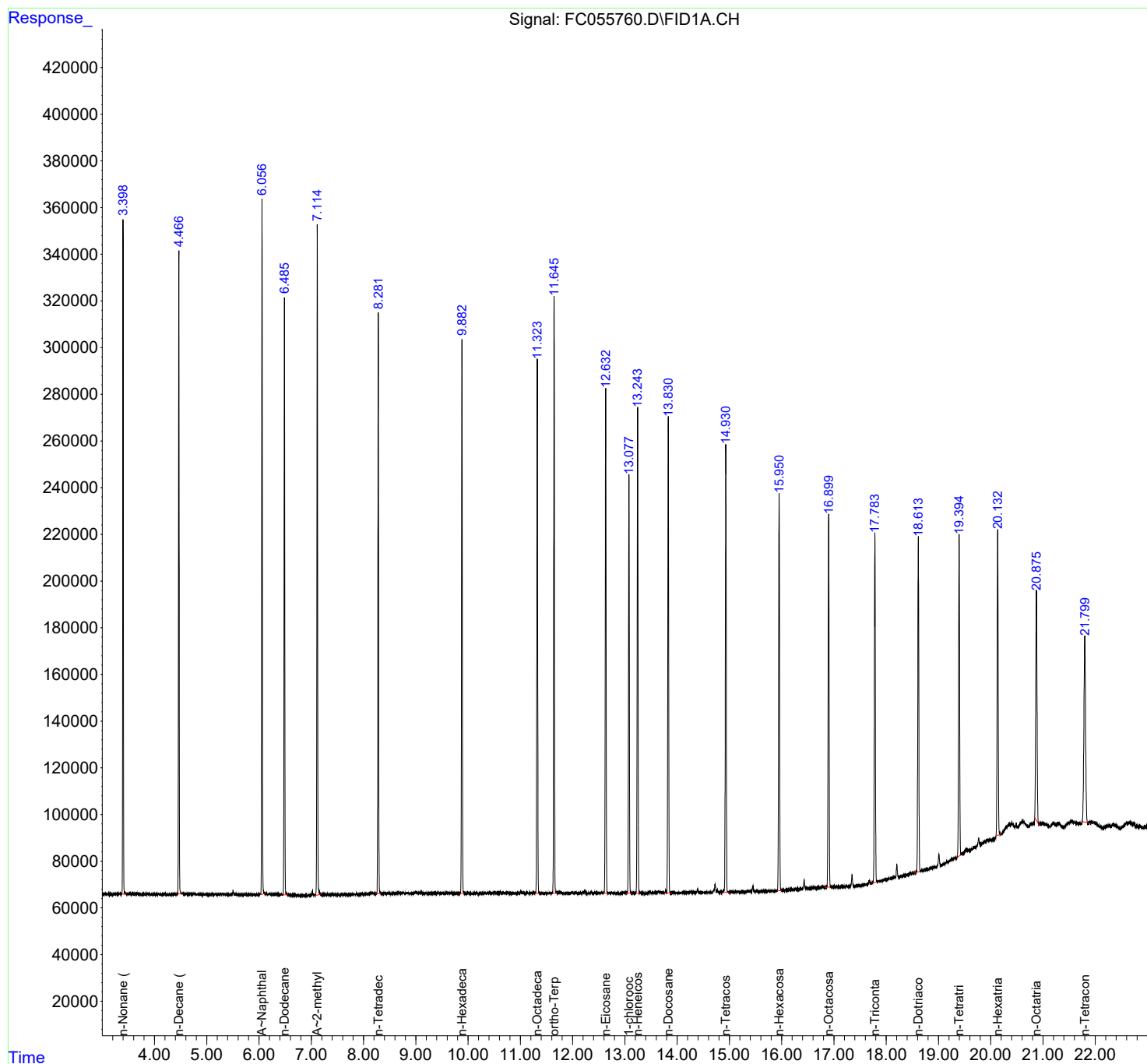
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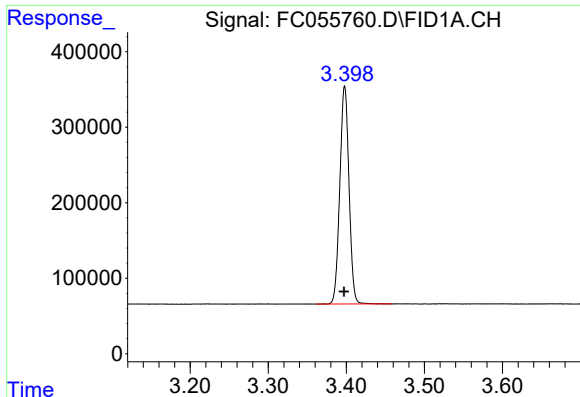
(m)=manual int.

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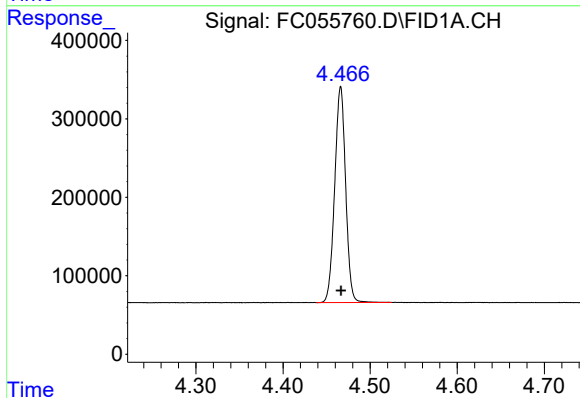
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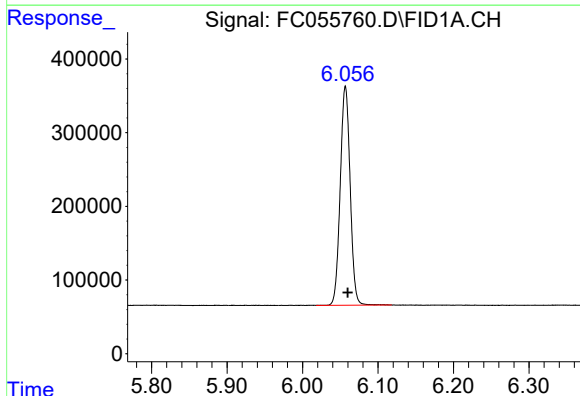
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: 0.000 min
Response: 2359164
Conc: 21.23 ug/ml



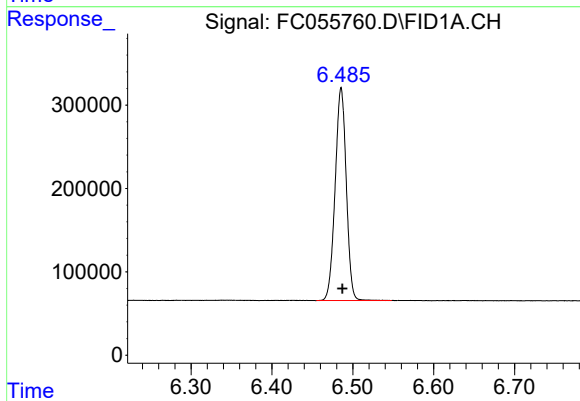
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 2399046
Conc: 21.42 ug/ml



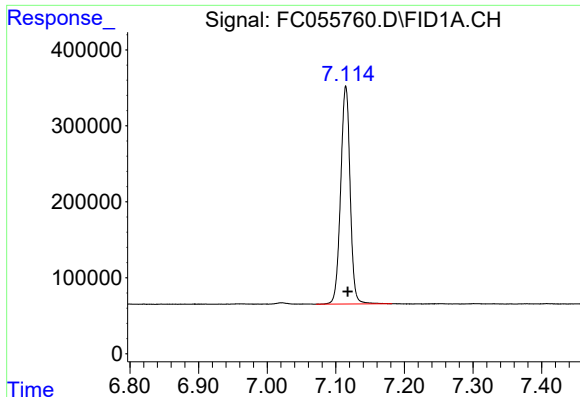
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: -0.003 min
Response: 2711498
Conc: 21.60 ug/ml



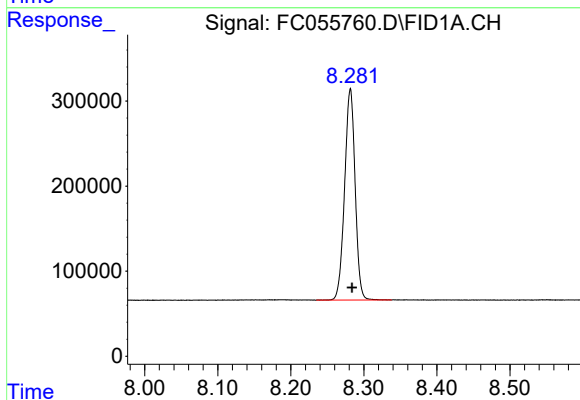
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 2439987
Conc: 21.80 ug/ml



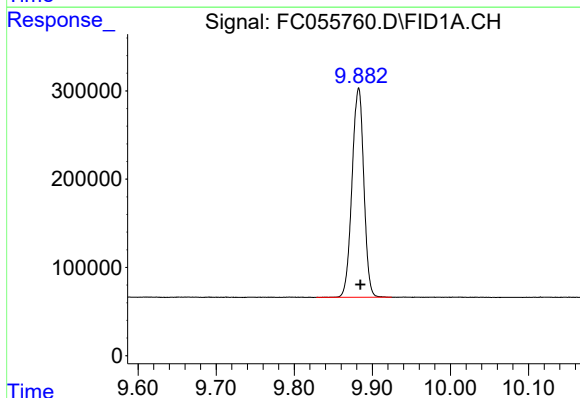
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 2742608
Conc: 21.69 ug/ml



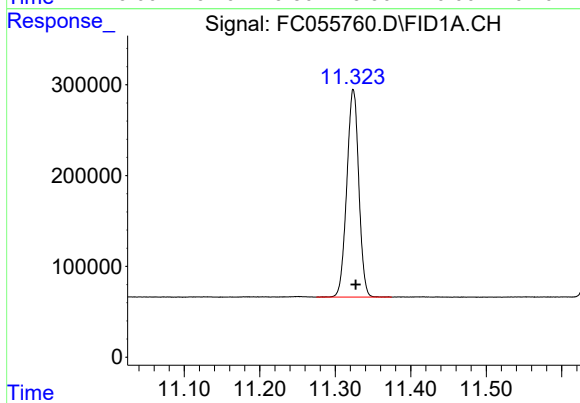
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 2483708
Conc: 21.94 ug/ml



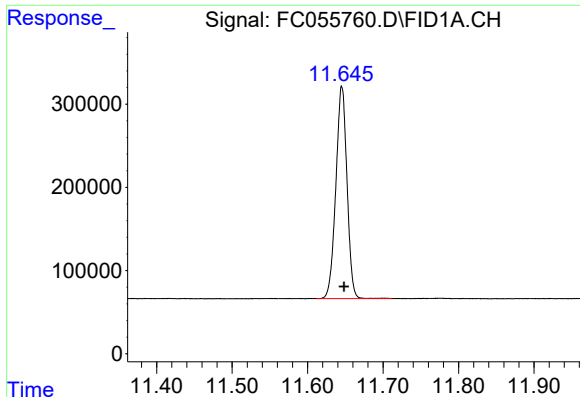
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: -0.003 min
Response: 2490961
Conc: 21.80 ug/ml



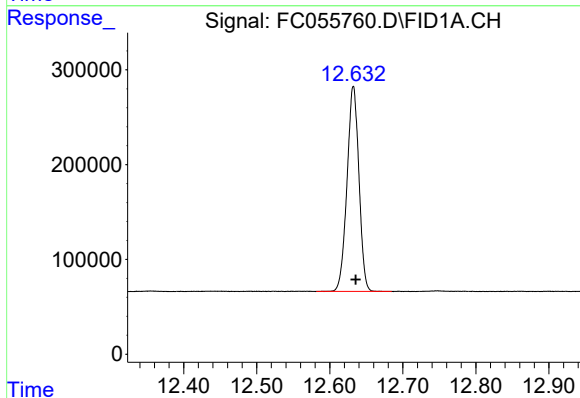
#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: -0.003 min
Response: 2525906
Conc: 21.29 ug/ml



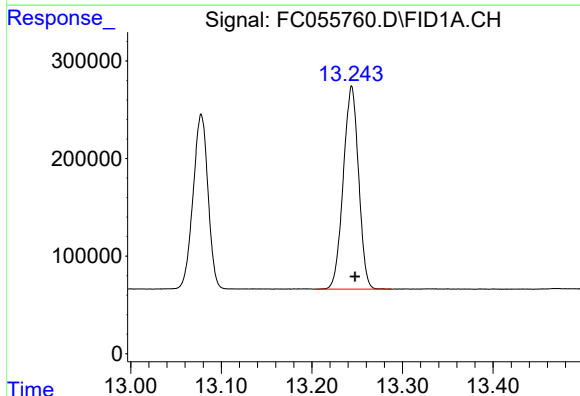
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.003 min
Response: 2618132
Conc: 20.73 ug/ml



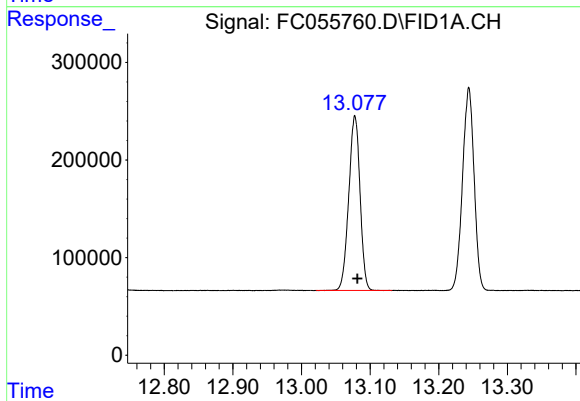
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.003 min
Response: 2454666
Conc: 20.80 ug/ml



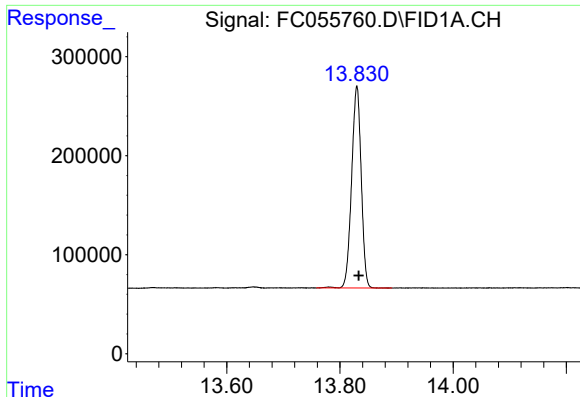
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.004 min
Response: 2439443
Conc: 20.45 ug/ml



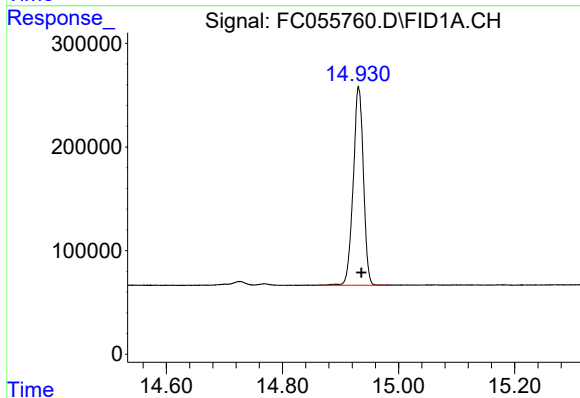
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.004 min
Response: 2048159
Conc: 20.73 ug/ml



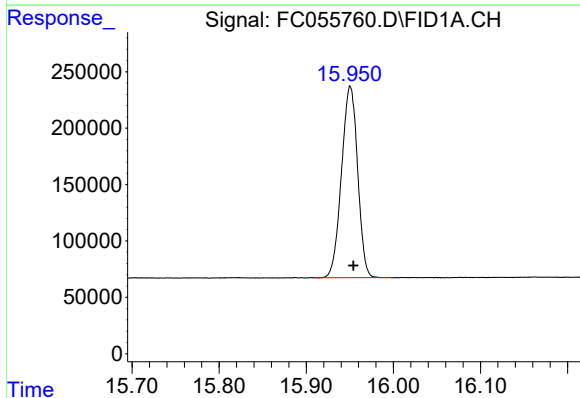
#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.004 min
Response: 2396036
Conc: 20.22 ug/ml



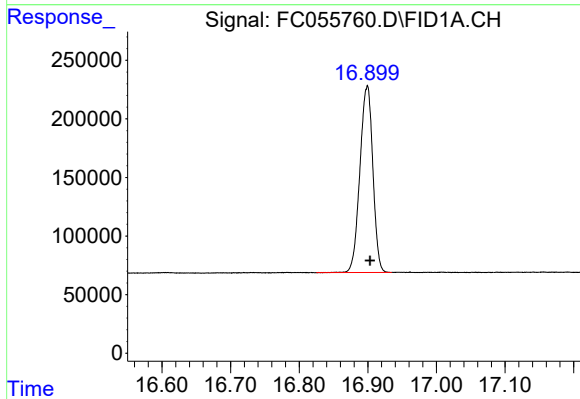
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.005 min
Response: 2332971
Conc: 19.72 ug/ml



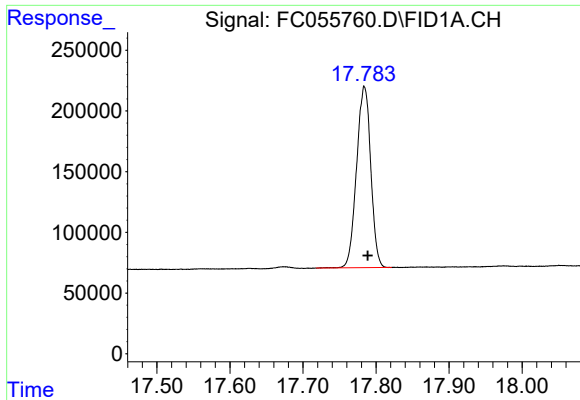
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: -0.004 min
Response: 2185964
Conc: 19.18 ug/ml



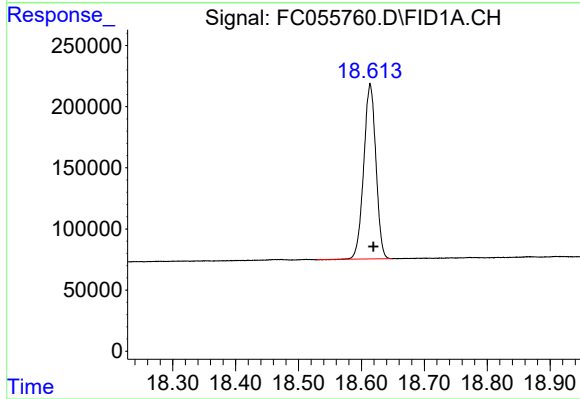
#16 n-Octacosane (C28)

R.T.: 16.899 min
Delta R.T.: -0.004 min
Response: 2087045
Conc: 19.19 ug/ml



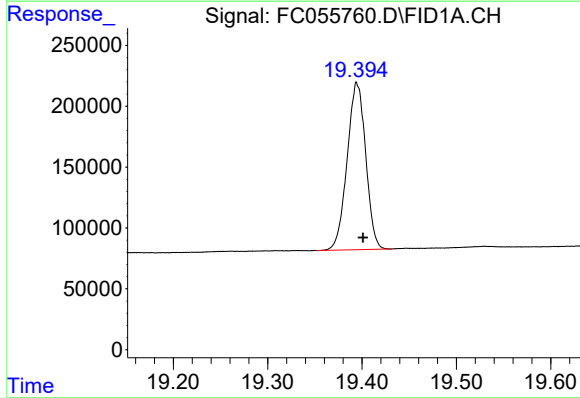
#17 n-Tricontane (C30)

R.T.: 17.784 min
Delta R.T.: -0.004 min
Response: 2010165
Conc: 19.87 ug/ml



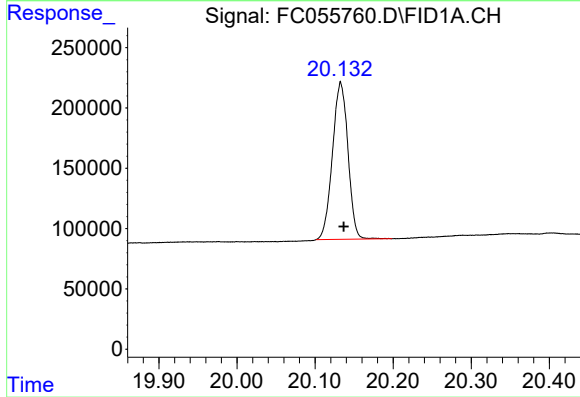
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: -0.005 min
Response: 1919135
Conc: 21.00 ug/ml



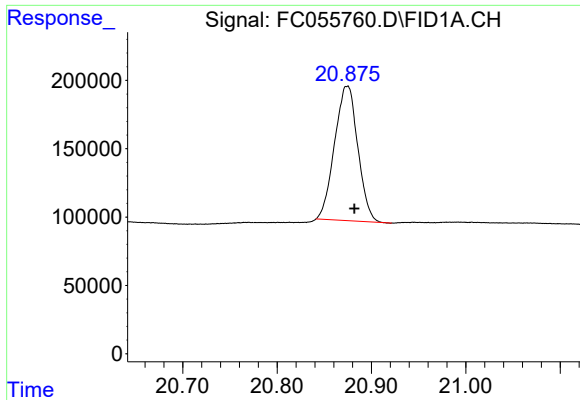
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min
Delta R.T.: -0.006 min
Response: 1876136
Conc: 21.73 ug/ml



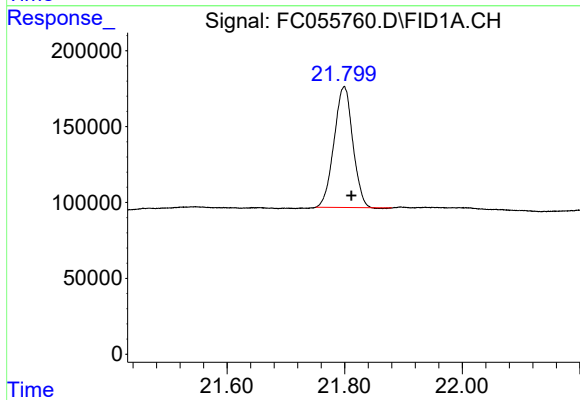
#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: -0.004 min
Response: 1796977
Conc: 21.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.874 min
Delta R.T.: -0.008 min
Response: 1681692
Conc: 22.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.799 min
Delta R.T.: -0.013 min
Response: 1755741
Conc: 25.07 ug/ml