

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091621AL\
 Data File : FC055675.D
 Signal(s) : FID1A.CH
 Acq On : 16 Sep 2021 16:50
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 02:06:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.652	2483102	19.877 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	13.084	1906051	19.259 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
Target Compounds			
1) T n-Nonane (C9)	3.399	2510078	23.221 ug/ml
2) T n-Decane (C10)	4.468	2566451	23.537 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2841155	23.057 ug/ml
4) T n-Dodecane (C12)	6.489	2562989	23.407 ug/ml
5) T A~2-methylnaphthalene...	7.118	2835311	22.783 ug/ml
6) T n-Tetradecane (C14)	8.286	2561855	23.002 ug/ml
7) T n-Hexadecane (C16)	9.887	2500837	22.128 ug/ml
8) T n-Octadecane (C18)	11.330	2453753	21.075 ug/ml
10) T n-Eicosane (C20)	12.639	2319448	19.850 ug/ml
11) T n-Heneicosane (C21)	13.251	2278261	19.357 ug/ml
13) T n-Docosane (C22)	13.836	2220409	19.035 ug/ml
14) T n-Tetracosane (C24)	14.937	2118181	18.188 ug/ml
15) T n-Hexacosane (C26)	15.958	2016448	17.800 ug/ml
16) T n-Octacosane (C28)	16.906	1991437	17.997 ug/ml
17) T n-Tricontane (C30)	17.793	1978447	18.606 ug/mlm
18) T n-Dotriacontane (C32)	18.623	1946120	19.418 ug/ml
19) T n-Tetratriacontane (C34)	19.405	1926539	20.413 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1860953	21.433 ug/ml
21) T n-Octatriacontane (C38)	20.887	1794729	22.019 ug/ml
22) T n-Tetracontane (C40)	21.817	1814184	22.588 ug/ml

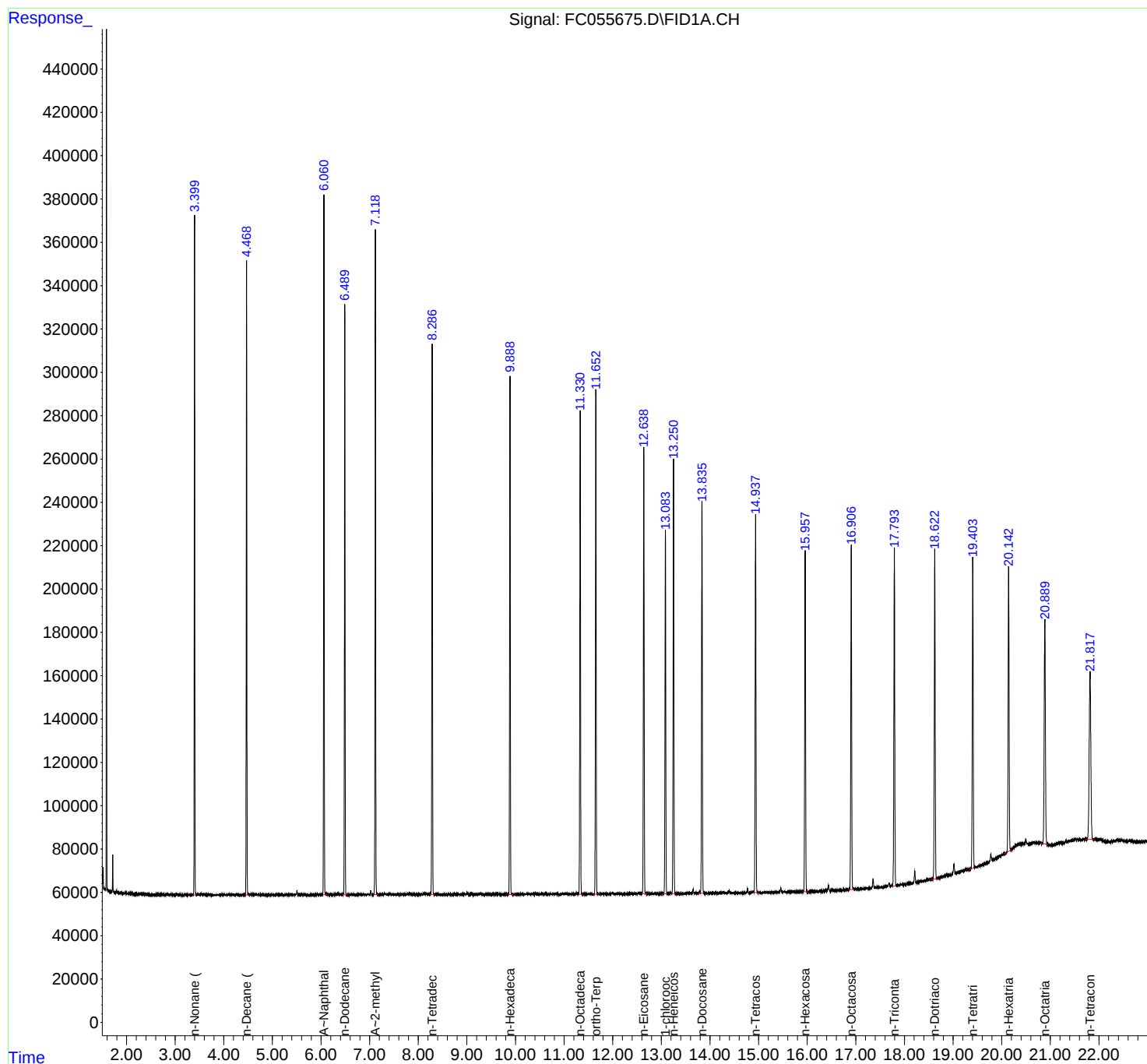
(f)=RT Delta > 1/2 Window

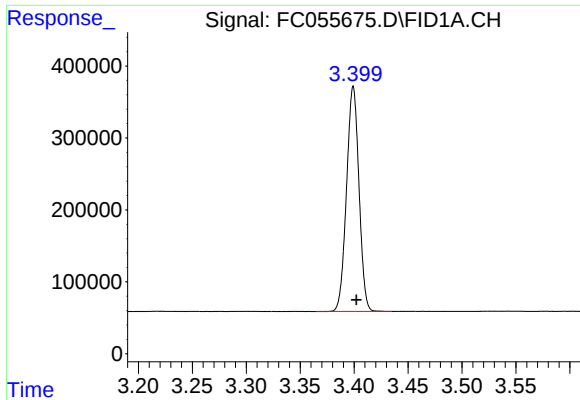
(m)=manual int.

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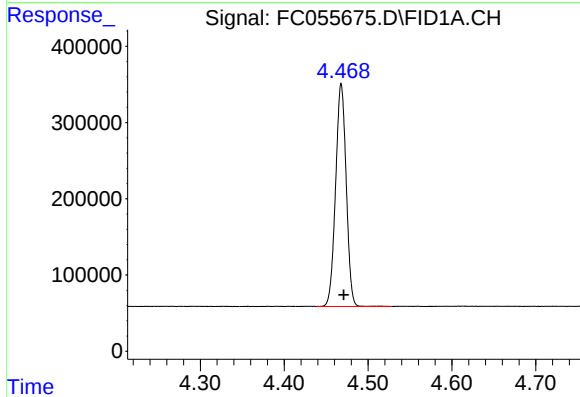
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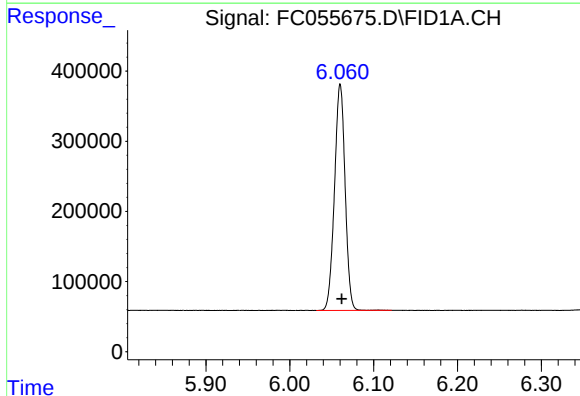
#1 n-Nonane (C9)

R.T.: 3.399 min
Delta R.T.: -0.003 min
Response: 2510078
Conc: 23.22 ug/ml



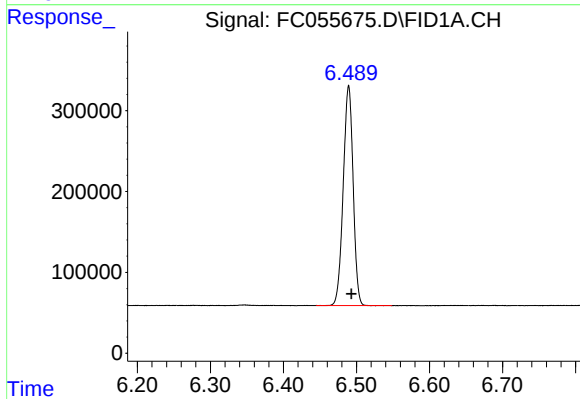
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 2566451
Conc: 23.54 ug/ml



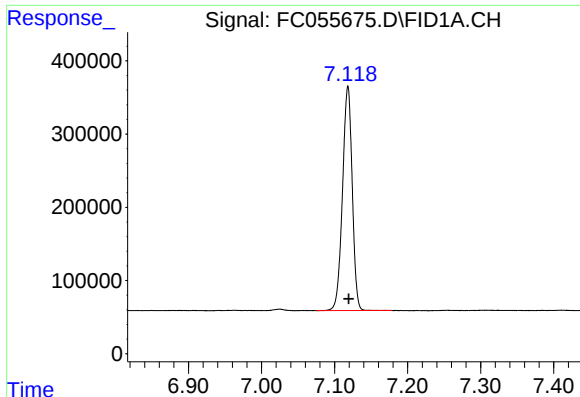
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 2841155
Conc: 23.06 ug/ml



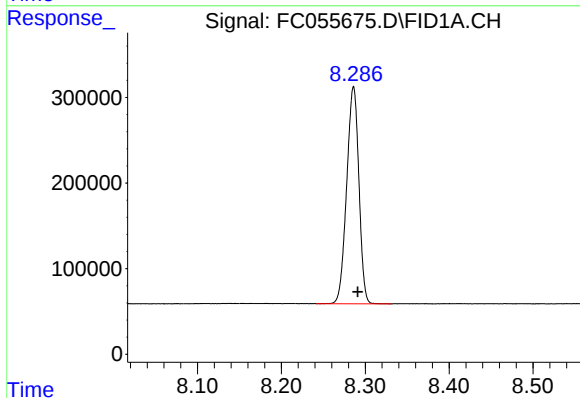
#4 n-Dodecane (C12)

R.T.: 6.489 min
Delta R.T.: -0.004 min
Response: 2562989
Conc: 23.41 ug/ml



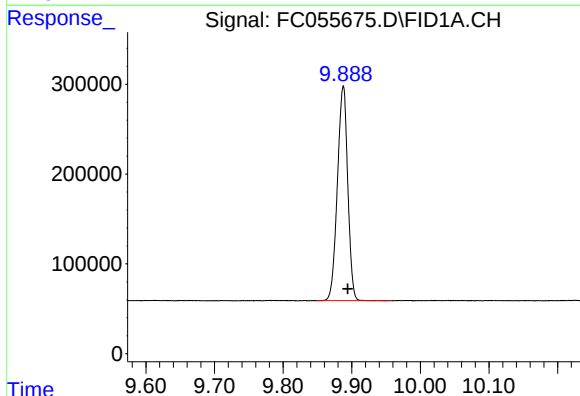
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 2835311
Conc: 22.78 ug/ml



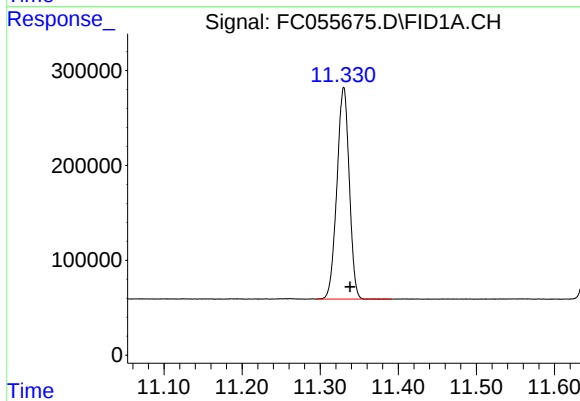
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: -0.005 min
Response: 2561855
Conc: 23.00 ug/ml



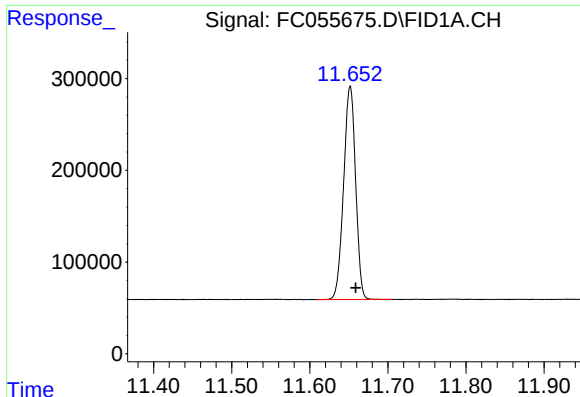
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.007 min
Response: 2500837
Conc: 22.13 ug/ml



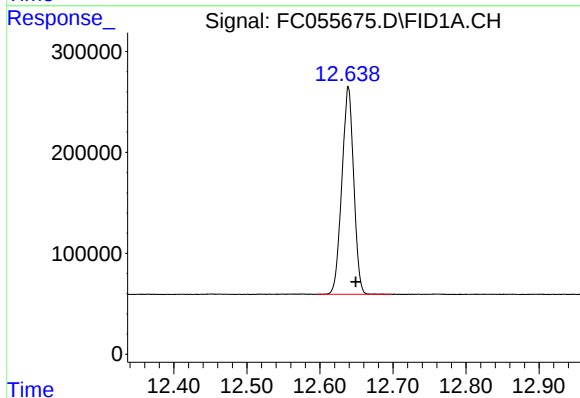
#8 n-Octadecane (C18)

R.T.: 11.330 min
Delta R.T.: -0.008 min
Response: 2453753
Conc: 21.08 ug/ml



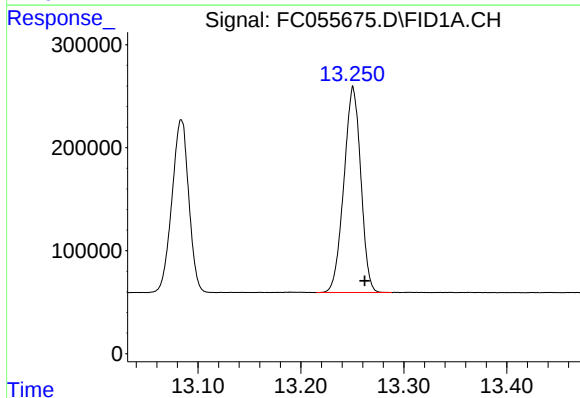
#9 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: -0.007 min
Response: 2483102
Conc: 19.88 ug/ml



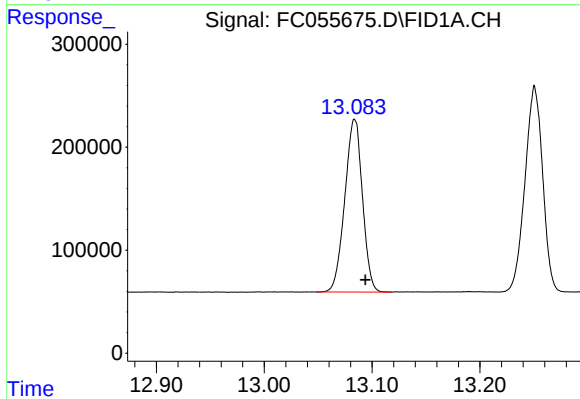
#10 n-Eicosane (C20)

R.T.: 12.639 min
Delta R.T.: -0.010 min
Response: 2319448
Conc: 19.85 ug/ml



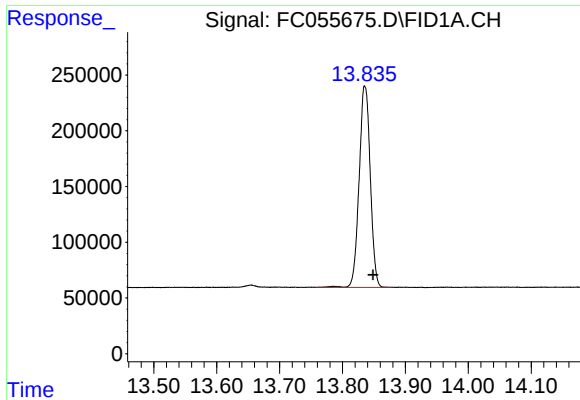
#11 n-Heneicosane (C21)

R.T.: 13.251 min
Delta R.T.: -0.011 min
Response: 2278261
Conc: 19.36 ug/ml



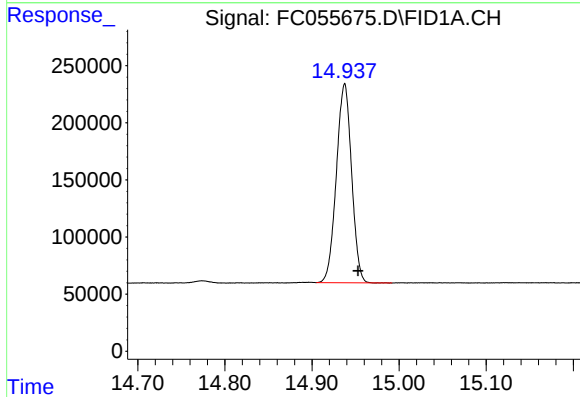
#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: -0.010 min
Response: 1906051
Conc: 19.26 ug/ml



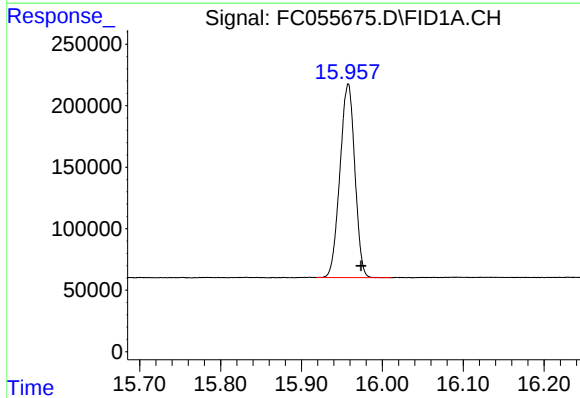
#13 n-Docosane (C22)

R.T.: 13.836 min
Delta R.T.: -0.013 min
Response: 2220409
Conc: 19.03 ug/ml



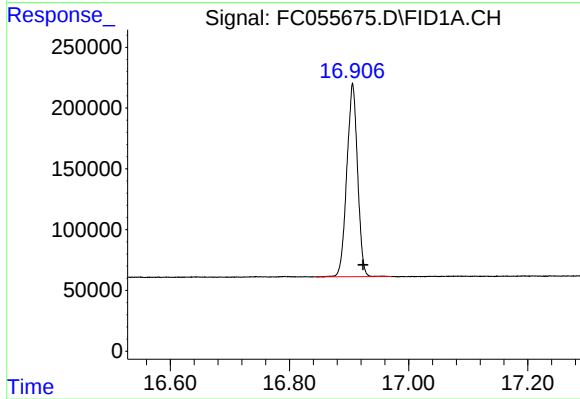
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.016 min
Response: 2118181
Conc: 18.19 ug/ml



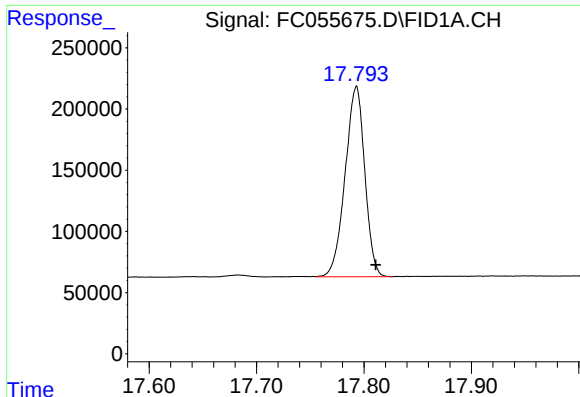
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: -0.016 min
Response: 2016448
Conc: 17.80 ug/ml



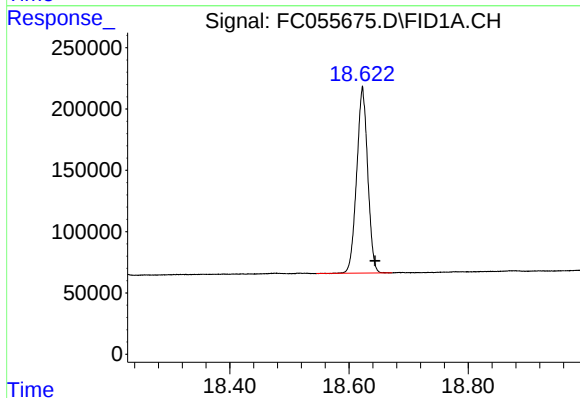
#16 n-Octacosane (C28)

R.T.: 16.906 min
Delta R.T.: -0.017 min
Response: 1991437
Conc: 18.00 ug/ml



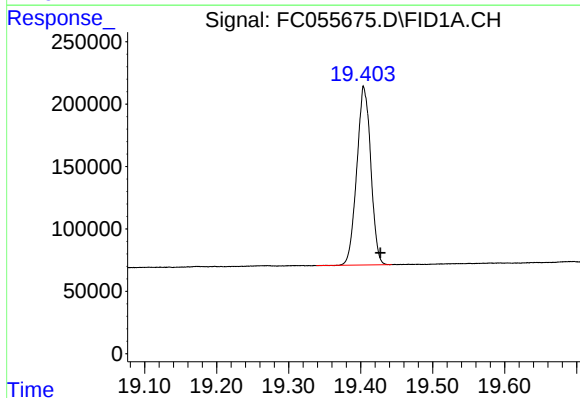
#17 n-Tricontane (C30)

R.T.: 17.793 min
Delta R.T.: -0.018 min
Response: 1978447
Conc: 18.61 ug/ml m



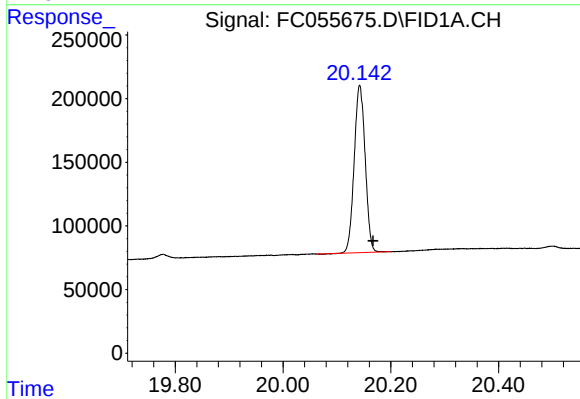
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: -0.021 min
Response: 1946120
Conc: 19.42 ug/ml



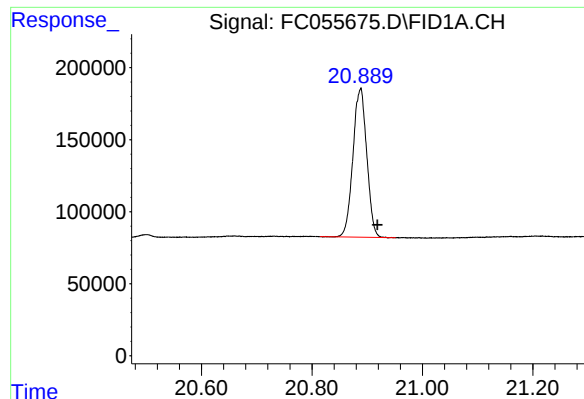
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: -0.022 min
Response: 1926539
Conc: 20.41 ug/ml



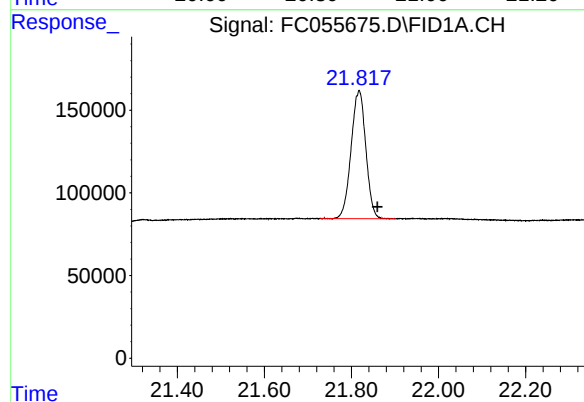
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: -0.025 min
Response: 1860953
Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: -0.031 min
Response: 1794729
Conc: 22.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.817 min
Delta R.T.: -0.042 min
Response: 1814184
Conc: 22.59 ug/ml