

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091721AL\
 Data File : FC055684.D
 Signal(s) : FID1A.CH
 Acq On : 17 Sep 2021 15:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 20 09:34:55 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)	11.648	2492206	19.949 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
12) S 1-chlorooctadecane (S...	13.081	1914491	19.345 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.396	2490151	23.037 ug/ml
2) T n-Decane (C10)	4.466	2561240	23.489 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2848112	23.114 ug/ml
4) T n-Dodecane (C12)	6.487	2567715	23.450 ug/ml
5) T A~2-methylnaphthalene...	7.116	2844294	22.856 ug/ml
6) T n-Tetradecane (C14)	8.284	2560765	22.992 ug/ml
7) T n-Hexadecane (C16)	9.885	2505673	22.171 ug/ml
8) T n-Octadecane (C18)	11.326	2463361	21.158 ug/ml
10) T n-Eicosane (C20)	12.635	2330804	19.948 ug/ml
11) T n-Heneicosane (C21)	13.247	2293838	19.490 ug/ml
13) T n-Docosane (C22)	13.833	2222543	19.053 ug/ml
14) T n-Tetracosane (C24)	14.934	2131989	18.307 ug/ml
15) T n-Hexacosane (C26)	15.954	2032871	17.945 ug/ml
16) T n-Octacosane (C28)	16.902	2001619	18.089 ug/ml
17) T n-Tricontane (C30)	17.788	1926685	18.119 ug/ml
18) T n-Dotriacontane (C32)	18.618	1972447	19.681 ug/ml
19) T n-Tetratriacontane (C34)	19.400	1948743	20.648 ug/ml
20) T n-Hexatriacontane (C36)	20.136	1855056	21.365 ug/ml
21) T n-Octatriacontane (C38)	20.879	1818546	22.311 ug/ml
22) T n-Tetracontane (C40)	21.806	1815862	22.609 ug/ml

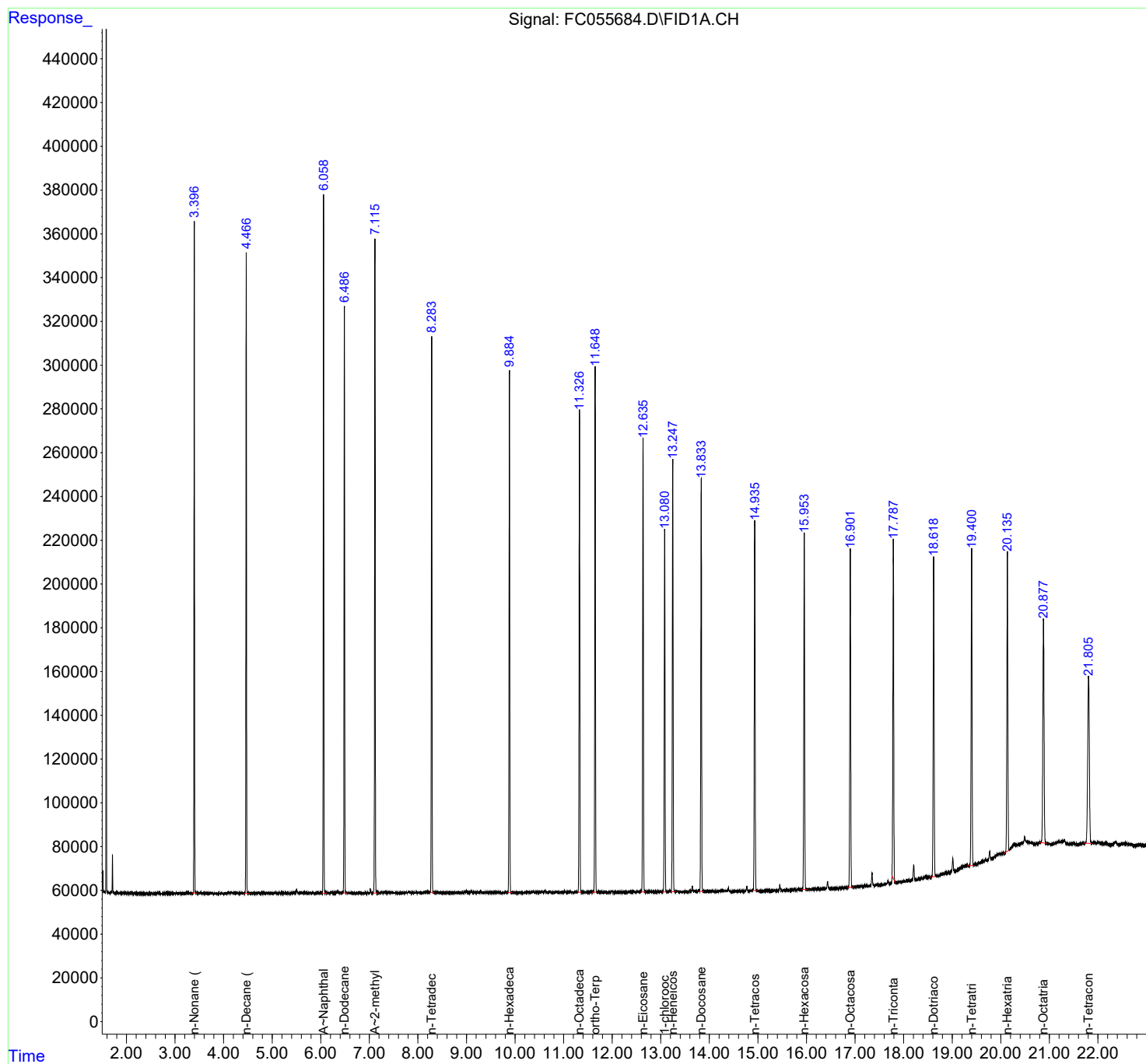
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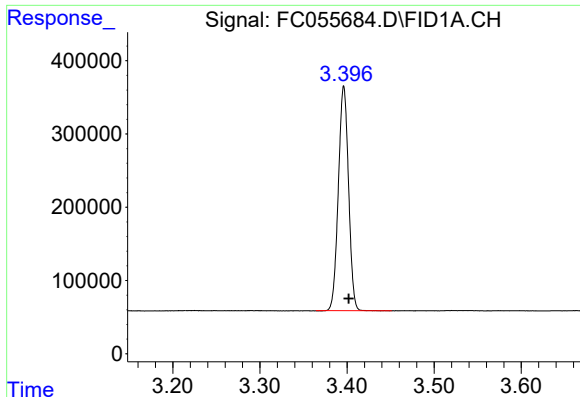
(m)=manual int.

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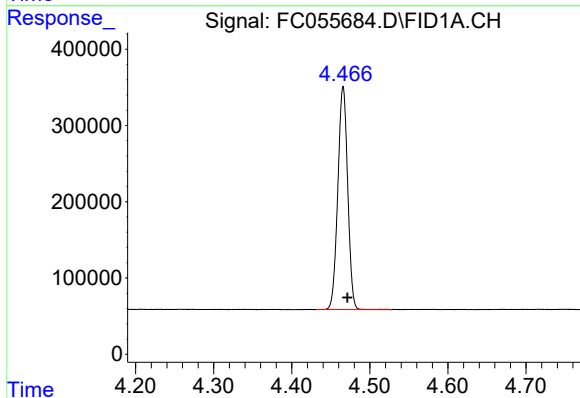
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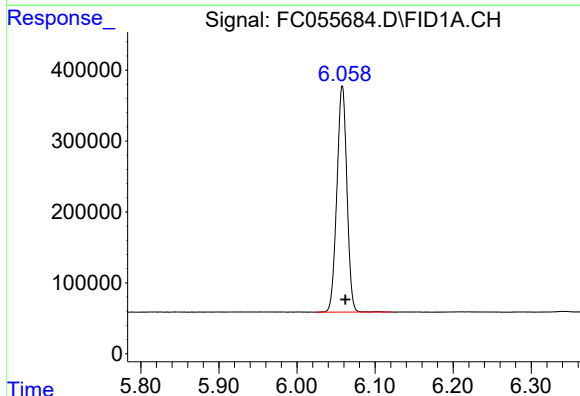
#1 n-Nonane (C9)

R.T.: 3.396 min
Delta R.T.: -0.006 min
Response: 2490151
Conc: 23.04 ug/ml



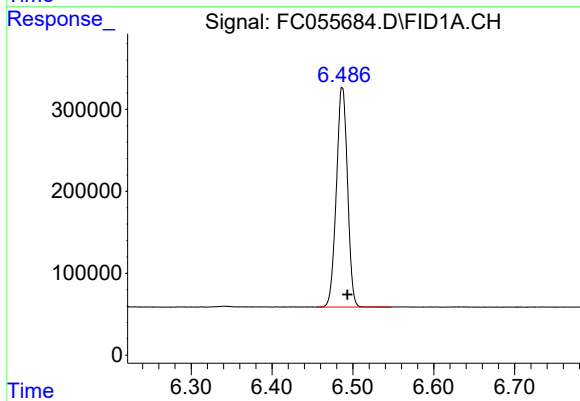
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 2561240
Conc: 23.49 ug/ml



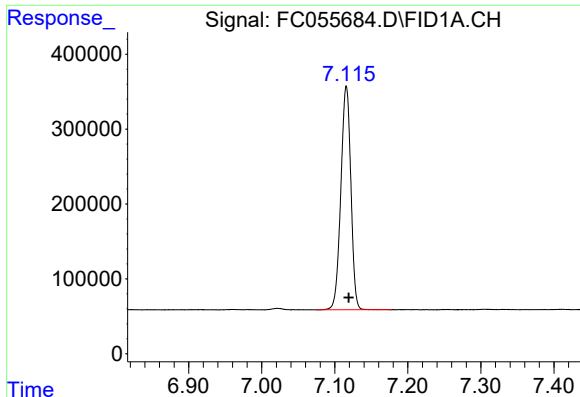
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 2848112
Conc: 23.11 ug/ml



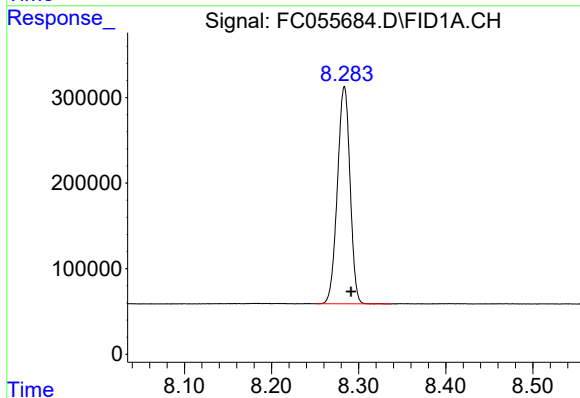
#4 n-Dodecane (C12)

R.T.: 6.487 min
Delta R.T.: -0.006 min
Response: 2567715
Conc: 23.45 ug/ml



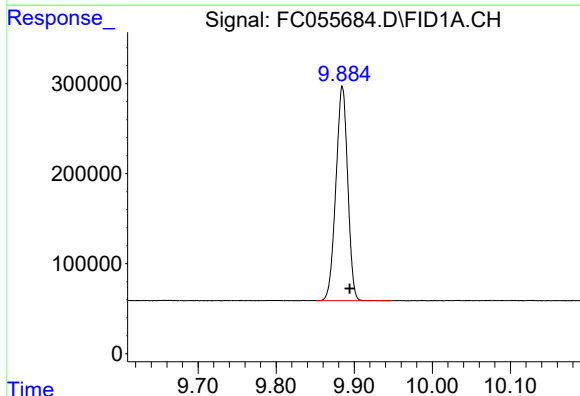
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.003 min
Response: 2844294
Conc: 22.86 ug/ml



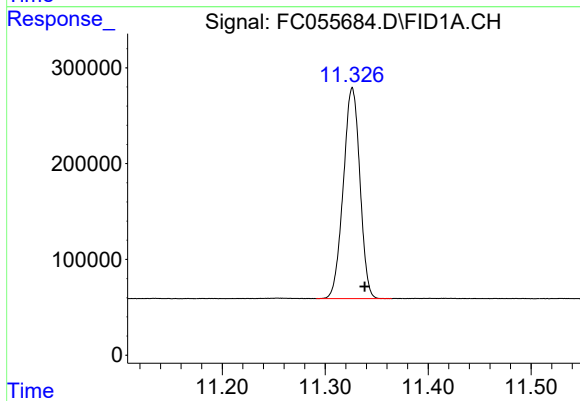
#6 n-Tetradecane (C14)

R.T.: 8.284 min
Delta R.T.: -0.008 min
Response: 2560765
Conc: 22.99 ug/ml



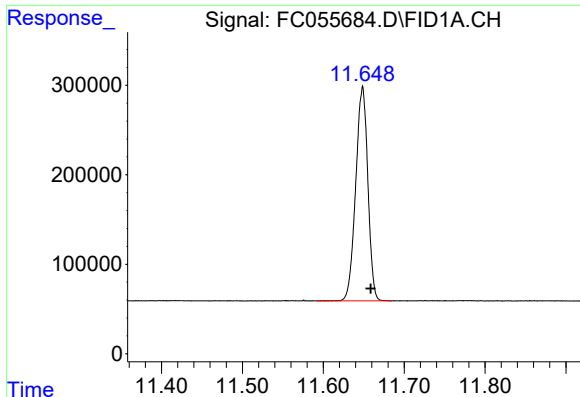
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.010 min
Response: 2505673
Conc: 22.17 ug/ml



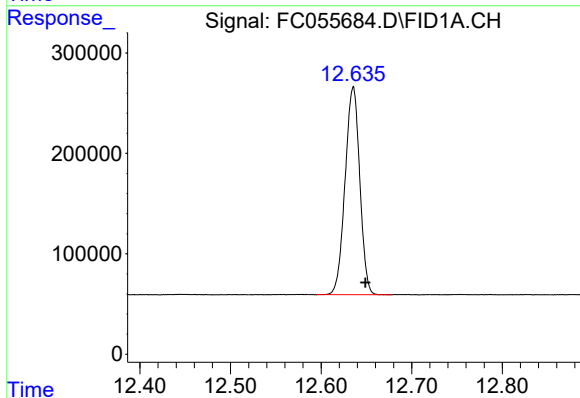
#8 n-Octadecane (C18)

R.T.: 11.326 min
Delta R.T.: -0.012 min
Response: 2463361
Conc: 21.16 ug/ml



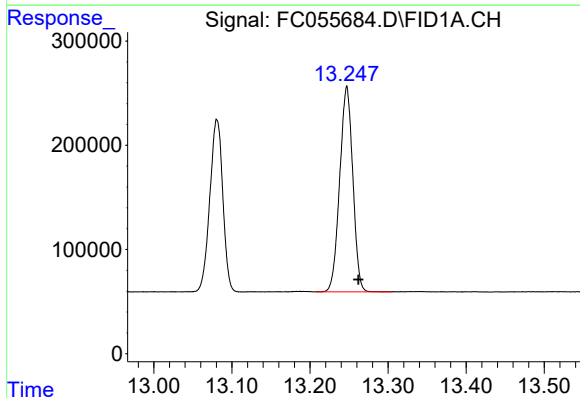
#9 ortho-Terphenyl (SURR)

R.T.: 11.648 min
Delta R.T.: -0.010 min
Response: 2492206
Conc: 19.95 ug/ml



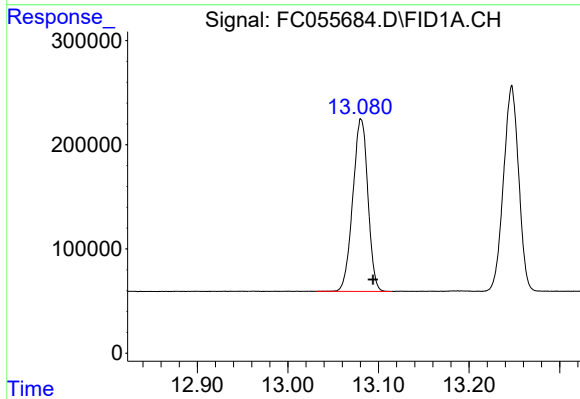
#10 n-Eicosane (C20)

R.T.: 12.635 min
Delta R.T.: -0.014 min
Response: 2330804
Conc: 19.95 ug/ml



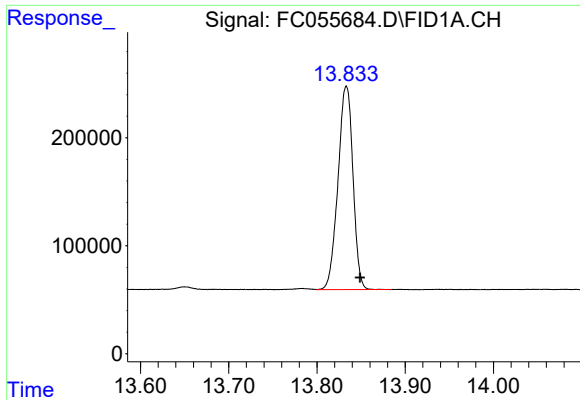
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: -0.015 min
Response: 2293838
Conc: 19.49 ug/ml



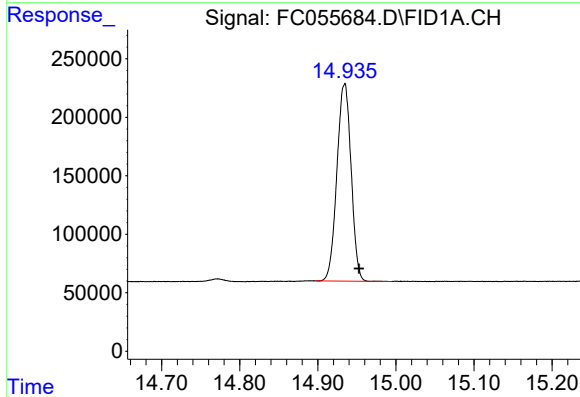
#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: -0.013 min
Response: 1914491
Conc: 19.34 ug/ml



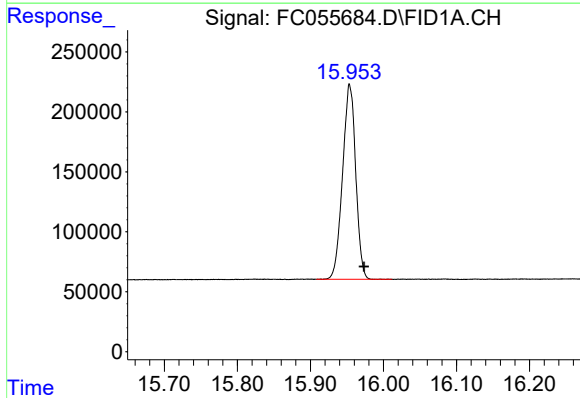
#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: -0.016 min
Response: 2222543
Conc: 19.05 ug/ml



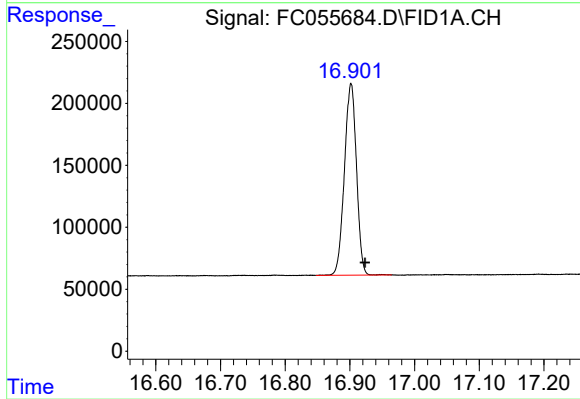
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.019 min
Response: 2131989
Conc: 18.31 ug/ml



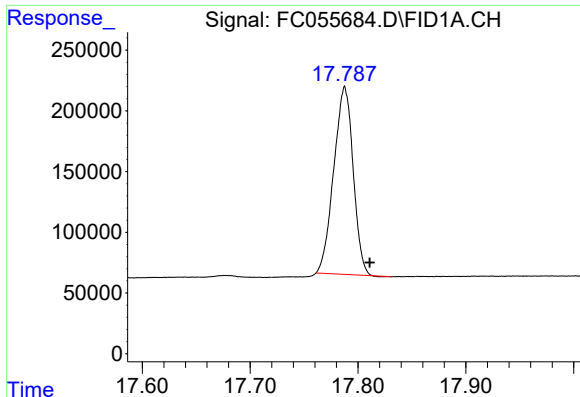
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.020 min
Response: 2032871
Conc: 17.94 ug/ml



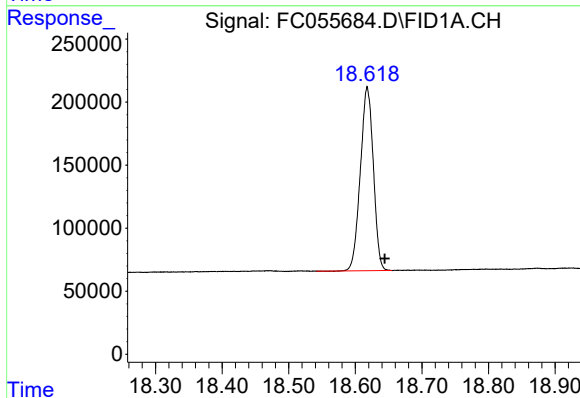
#16 n-Octacosane (C28)

R.T.: 16.902 min
Delta R.T.: -0.022 min
Response: 2001619
Conc: 18.09 ug/ml



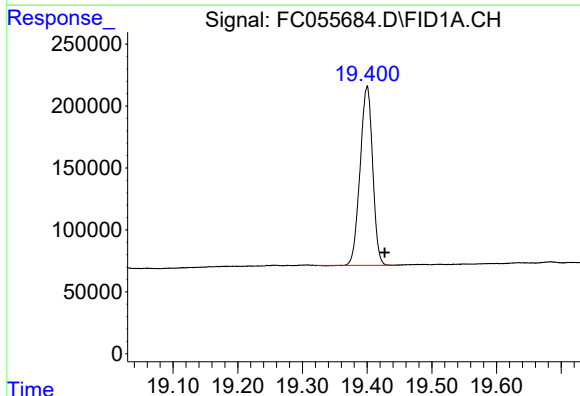
#17 n-Tricontane (C30)

R.T.: 17.788 min
Delta R.T.: -0.023 min
Response: 1926685
Conc: 18.12 ug/ml



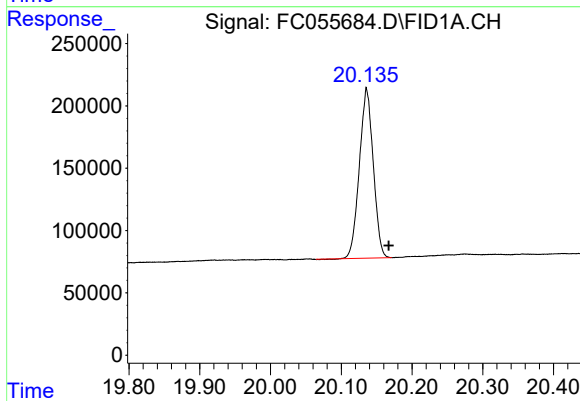
#18 n-Dotriacontane (C32)

R.T.: 18.618 min
Delta R.T.: -0.026 min
Response: 1972447
Conc: 19.68 ug/ml



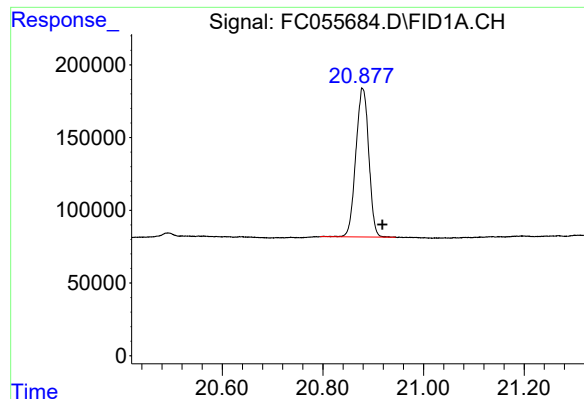
#19 n-Tetratriacontane (C34)

R.T.: 19.400 min
Delta R.T.: -0.027 min
Response: 1948743
Conc: 20.65 ug/ml



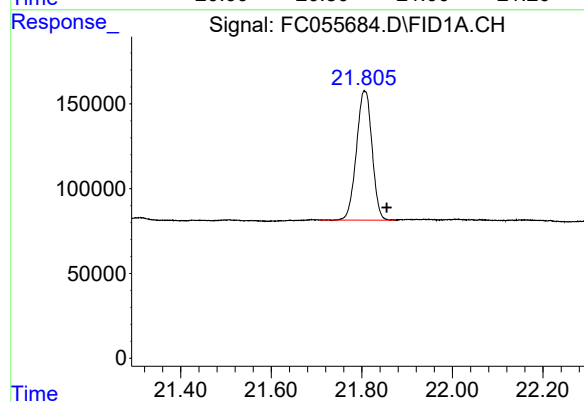
#20 n-Hexatriacontane (C36)

R.T.: 20.136 min
Delta R.T.: -0.031 min
Response: 1855056
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.879 min
Delta R.T.: -0.039 min
Response: 1818546
Conc: 22.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.806 min
Delta R.T.: -0.049 min
Response: 1815862
Conc: 22.61 ug/ml