

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090921AL\
 Data File : FC055566.D
 Signal(s) : FID1A.CH
 Acq On : 09 Sep 2021 20:49
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 10 01:07:36 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)	11.650	2448980	19.603 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
12) S 1-chlorooctadecane (S...	13.082	1885259	19.049 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.397	2365883	21.887 ug/ml
2) T n-Decane (C10)	4.467	2427108	22.259 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2698136	21.897 ug/ml
4) T n-Dodecane (C12)	6.489	2430039	22.193 ug/ml
5) T A~2-methylnaphthalene...	7.116	2707335	21.755 ug/ml
6) T n-Tetradecane (C14)	8.285	2434027	21.854 ug/ml
7) T n-Hexadecane (C16)	9.886	2406830	21.297 ug/ml
8) T n-Octadecane (C18)	11.328	2405357	20.660 ug/ml
10) T n-Eicosane (C20)	12.638	2287925	19.581 ug/ml
11) T n-Heneicosane (C21)	13.249	2256997	19.177 ug/ml
13) T n-Docosane (C22)	13.837	2196352	18.828 ug/ml
14) T n-Tetracosane (C24)	14.938	2088325	17.932 ug/ml
15) T n-Hexacosane (C26)	15.959	1967281	17.366 ug/ml
16) T n-Octacosane (C28)	16.909	1894564	17.121 ug/ml
17) T n-Tricontane (C30)	17.793	1832623	17.235 ug/ml
18) T n-Dotriacontane (C32)	18.626	1802031	17.981 ug/ml
19) T n-Tetratriacontane (C34)	19.408	1790005	18.966 ug/ml
20) T n-Hexatriacontane (C36)	20.147	1772267	20.412 ug/ml
21) T n-Octatriacontane (C38)	20.894	1722964	21.138 ug/ml
22) T n-Tetracontane (C40)	21.827	1781123	22.177 ug/ml

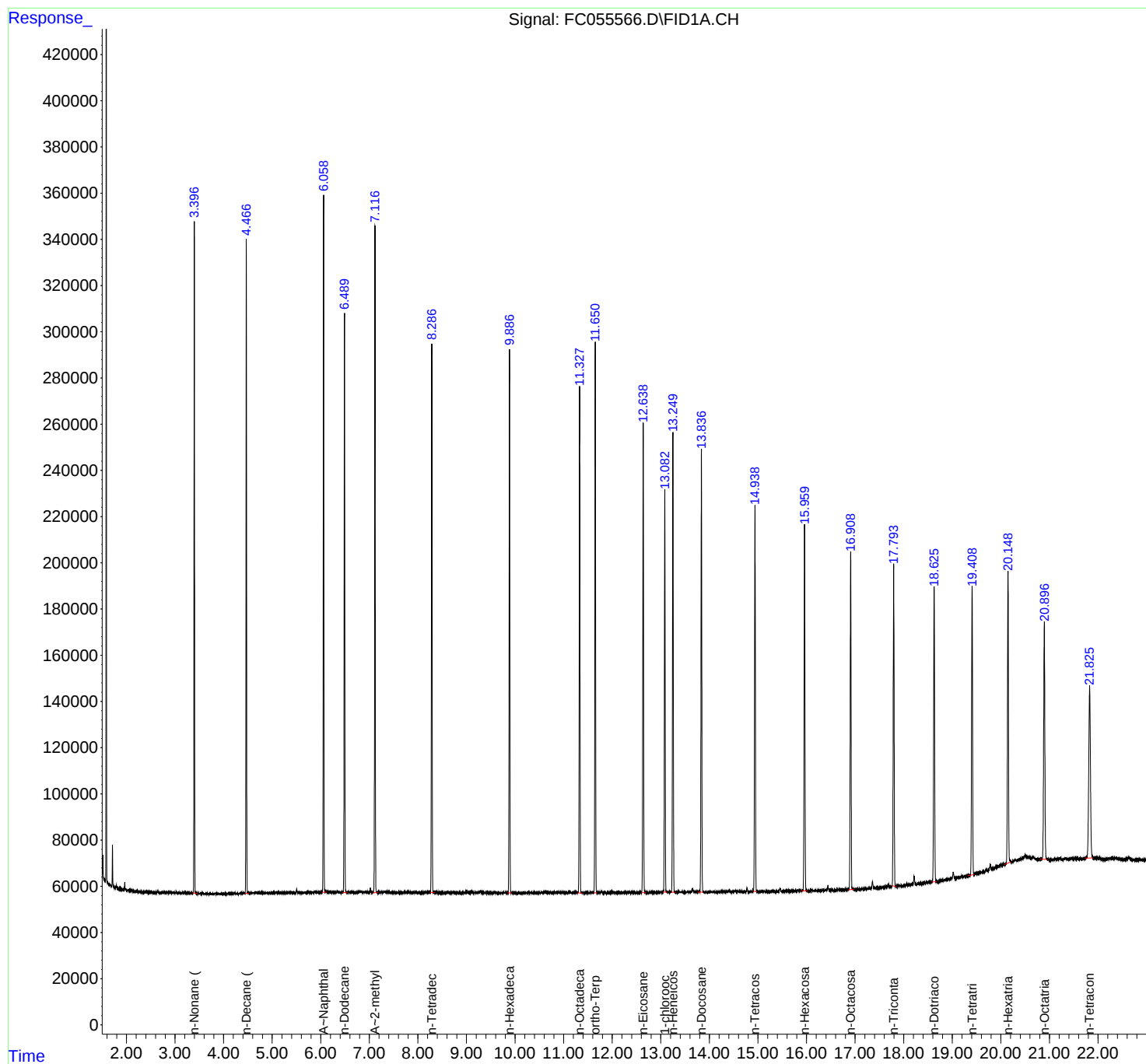
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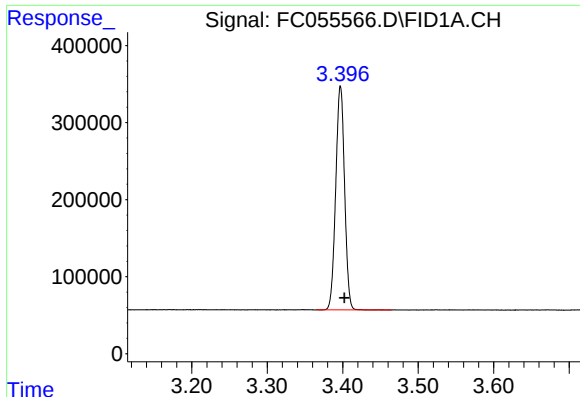
(m)=manual int.

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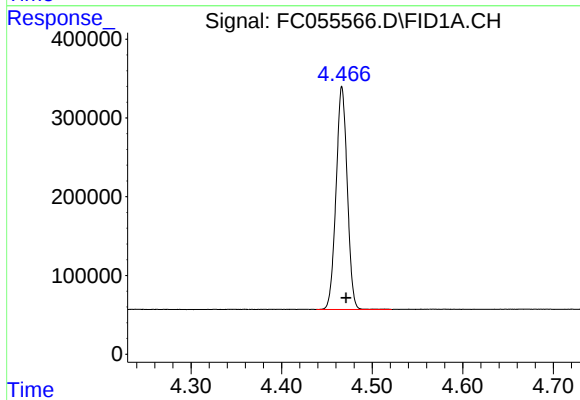
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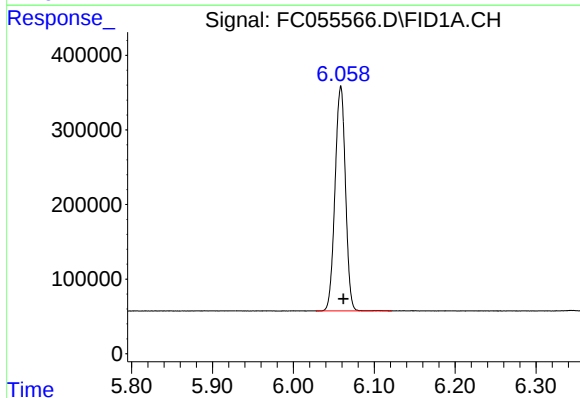
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.005 min
Response: 2365883
Conc: 21.89 ug/ml



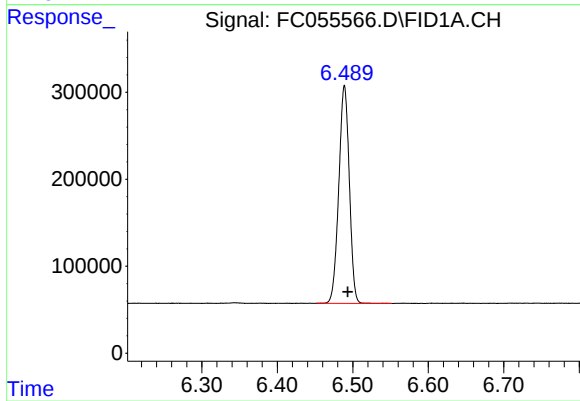
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.004 min
Response: 2427108
Conc: 22.26 ug/ml



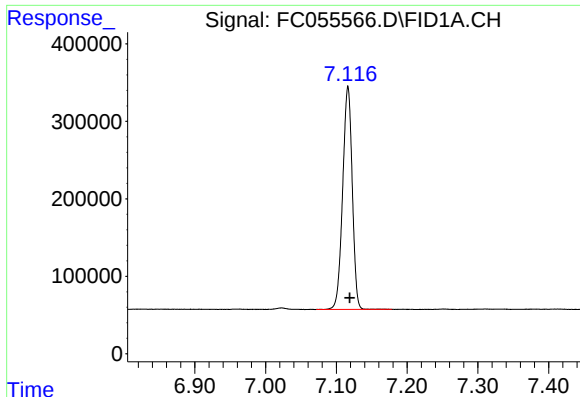
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 2698136
Conc: 21.90 ug/ml



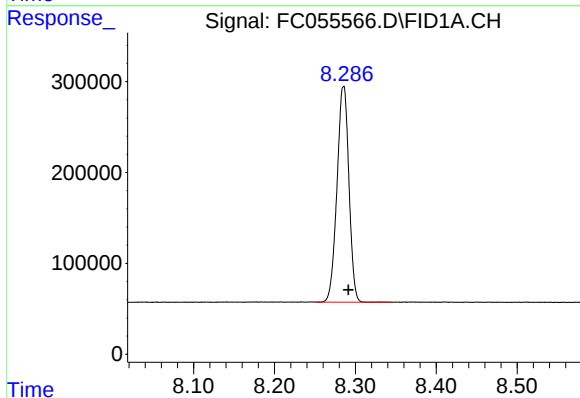
#4 n-Dodecane (C12)

R.T.: 6.489 min
Delta R.T.: -0.004 min
Response: 2430039
Conc: 22.19 ug/ml



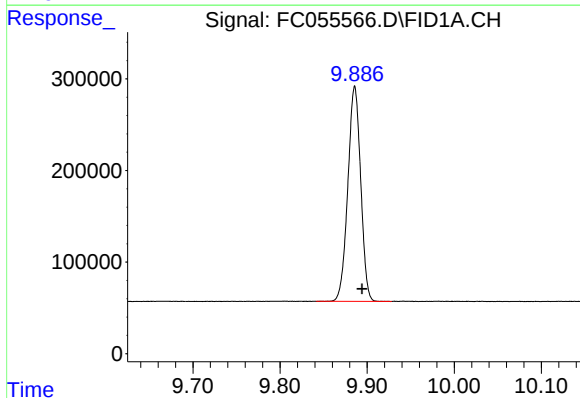
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.003 min
Response: 2707335
Conc: 21.75 ug/ml



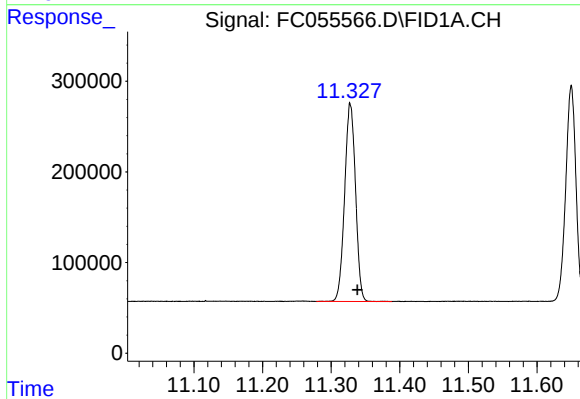
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 2434027
Conc: 21.85 ug/ml



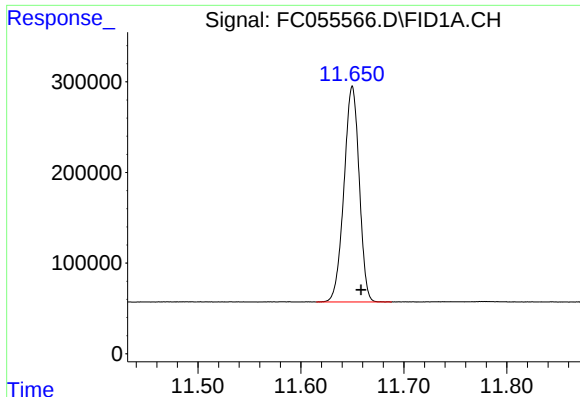
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.009 min
Response: 2406830
Conc: 21.30 ug/ml



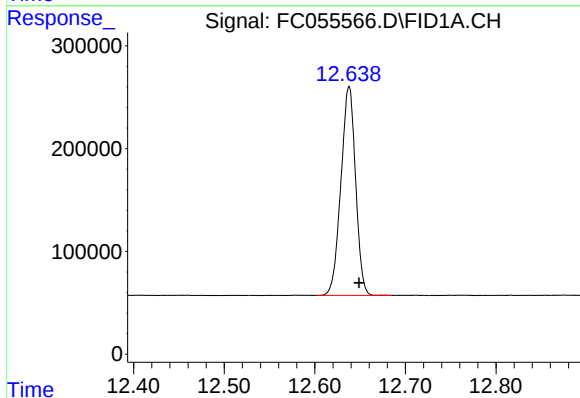
#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: -0.010 min
Response: 2405357
Conc: 20.66 ug/ml



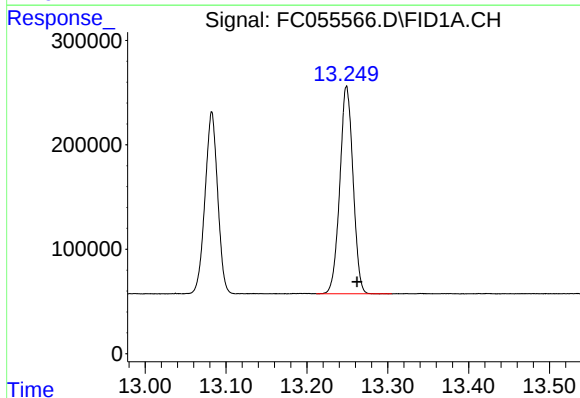
#9 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: -0.009 min
Response: 2448980
Conc: 19.60 ug/ml



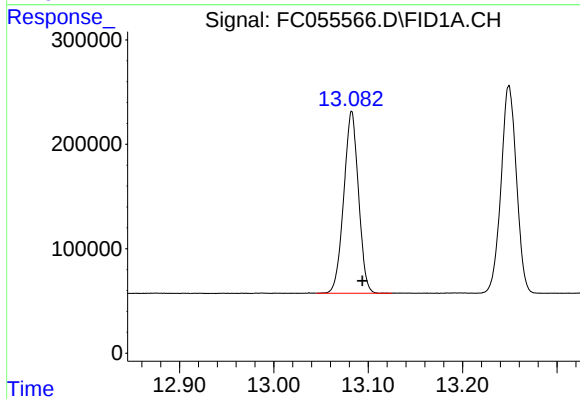
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: -0.011 min
Response: 2287925
Conc: 19.58 ug/ml



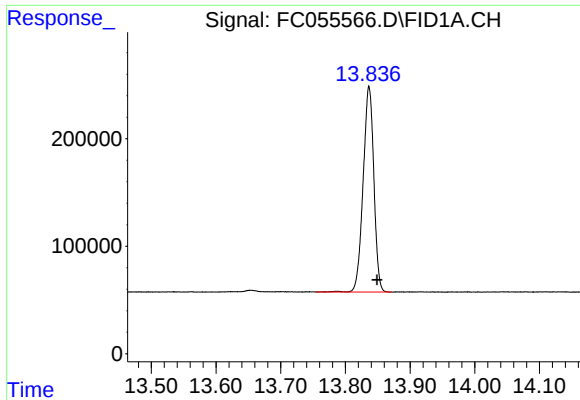
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.013 min
Response: 2256997
Conc: 19.18 ug/ml



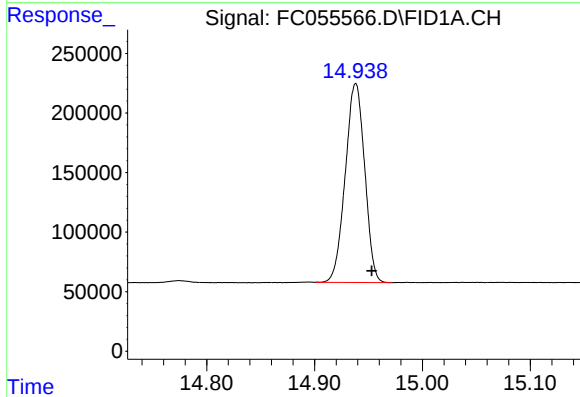
#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.012 min
Response: 1885259
Conc: 19.05 ug/ml



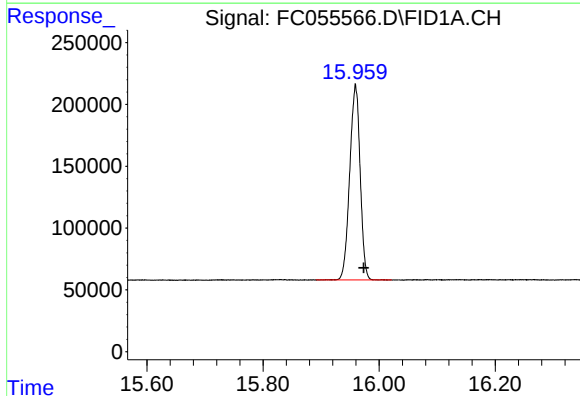
#13 n-Docosane (C22)

R.T.: 13.837 min
Delta R.T.: -0.012 min
Response: 2196352
Conc: 18.83 ug/ml



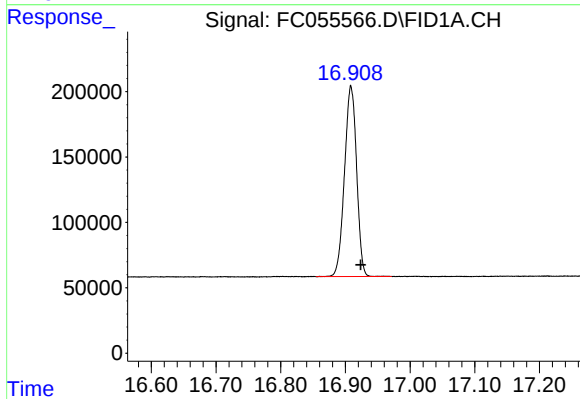
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.015 min
Response: 2088325
Conc: 17.93 ug/ml



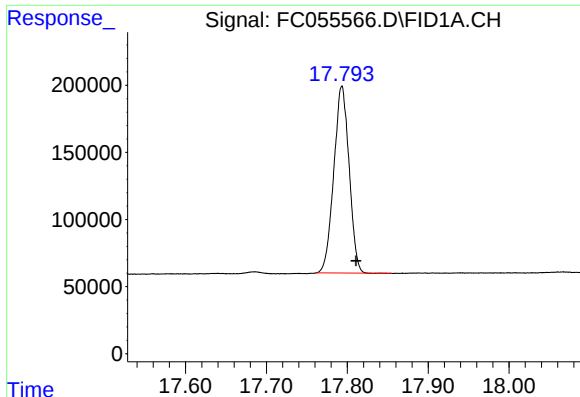
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: -0.014 min
Response: 1967281
Conc: 17.37 ug/ml



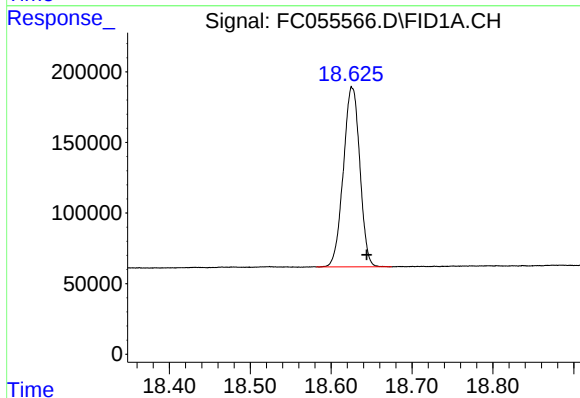
#16 n-Octacosane (C28)

R.T.: 16.909 min
Delta R.T.: -0.015 min
Response: 1894564
Conc: 17.12 ug/ml



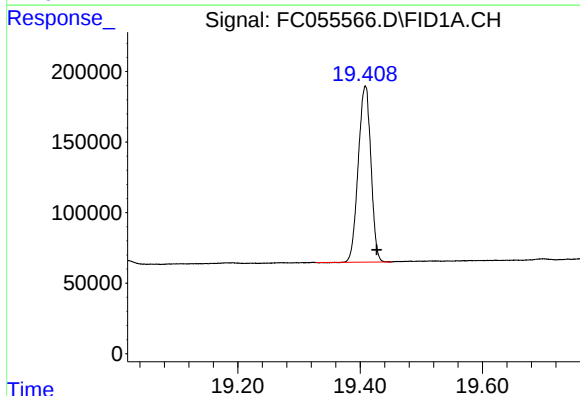
#17 n-Tricontane (C30)

R.T.: 17.793 min
Delta R.T.: -0.018 min
Response: 1832623
Conc: 17.23 ug/ml



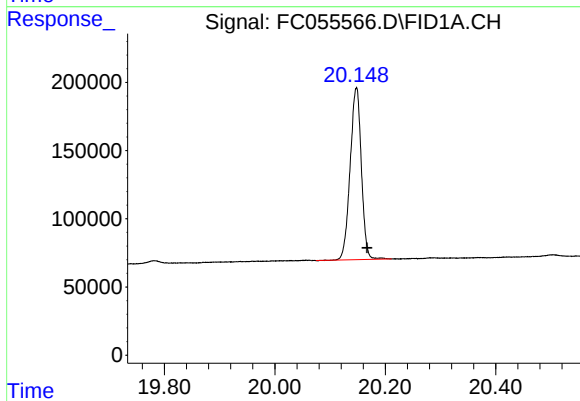
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: -0.018 min
Response: 1802031
Conc: 17.98 ug/ml



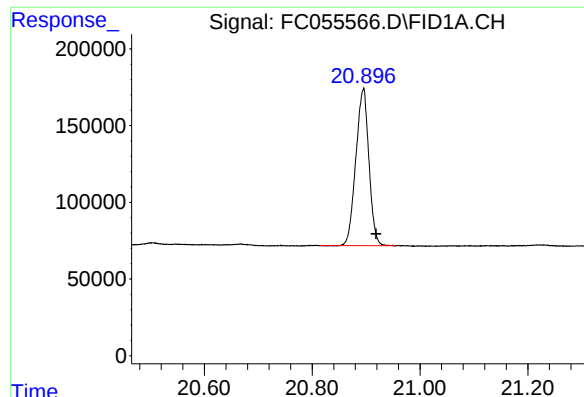
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: -0.019 min
Response: 1790005
Conc: 18.97 ug/ml



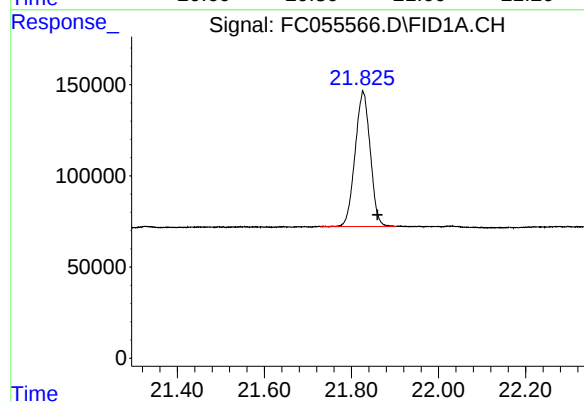
#20 n-Hexatriacontane (C36)

R.T.: 20.147 min
Delta R.T.: -0.020 min
Response: 1772267
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.894 min
Delta R.T.: -0.024 min
Response: 1722964
Conc: 21.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.827 min
Delta R.T.: -0.033 min
Response: 1781123
Conc: 22.18 ug/ml