

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110321AL\
 Data File : FC056603.D
 Signal(s) : FID1A.CH
 Acq On : 03 Nov 2021 10:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 03 13:47:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.614	2158980	17.437 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
12) S 1-chlorooctadecane (S...	13.046	1712385	17.796 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
Target Compounds			
1) T n-Nonane (C9)	3.374	2197043	20.299 ug/ml
2) T n-Decane (C10)	4.442	2199315	20.417 ug/ml
3) T A~Naphthalene (C11.7)	6.033	2433439	19.959 ug/ml
4) T n-Dodecane (C12)	6.460	2245147	20.366 ug/ml
5) T A~2-methylnaphthalene...	7.090	2474372	20.205 ug/ml
6) T n-Tetradecane (C14)	8.255	2218740	19.763 ug/ml
7) T n-Hexadecane (C16)	9.854	2218921	19.517 ug/ml
8) T n-Octadecane (C18)	11.294	2202576	18.848 ug/ml
10) T n-Eicosane (C20)	12.601	2121797	18.462 ug/ml
11) T n-Heneicosane (C21)	13.211	2089631	18.183 ug/ml
13) T n-Docosane (C22)	13.797	2023729	17.975 ug/ml
14) T n-Tetracosane (C24)	14.897	1930149	17.514 ug/ml
15) T n-Hexacosane (C26)	15.914	1859900	17.622 ug/ml
16) T n-Octacosane (C28)	16.860	1752541	16.896 ug/ml
17) T n-Tricontane (C30)	17.742	1846682	17.824 ug/ml
18) T n-Dotriacontane (C32)	18.571	1860541	19.419 ug/ml
19) T n-Tetratriacontane (C34)	19.351	1846083	21.048 ug/ml
20) T n-Hexatriacontane (C36)	20.086	1826338	22.313 ug/ml
21) T n-Octatriacontane (C38)	20.820	1749437	21.874 ug/ml
22) T n-Tetracontane (C40)	21.732	1725080	20.938 ug/ml

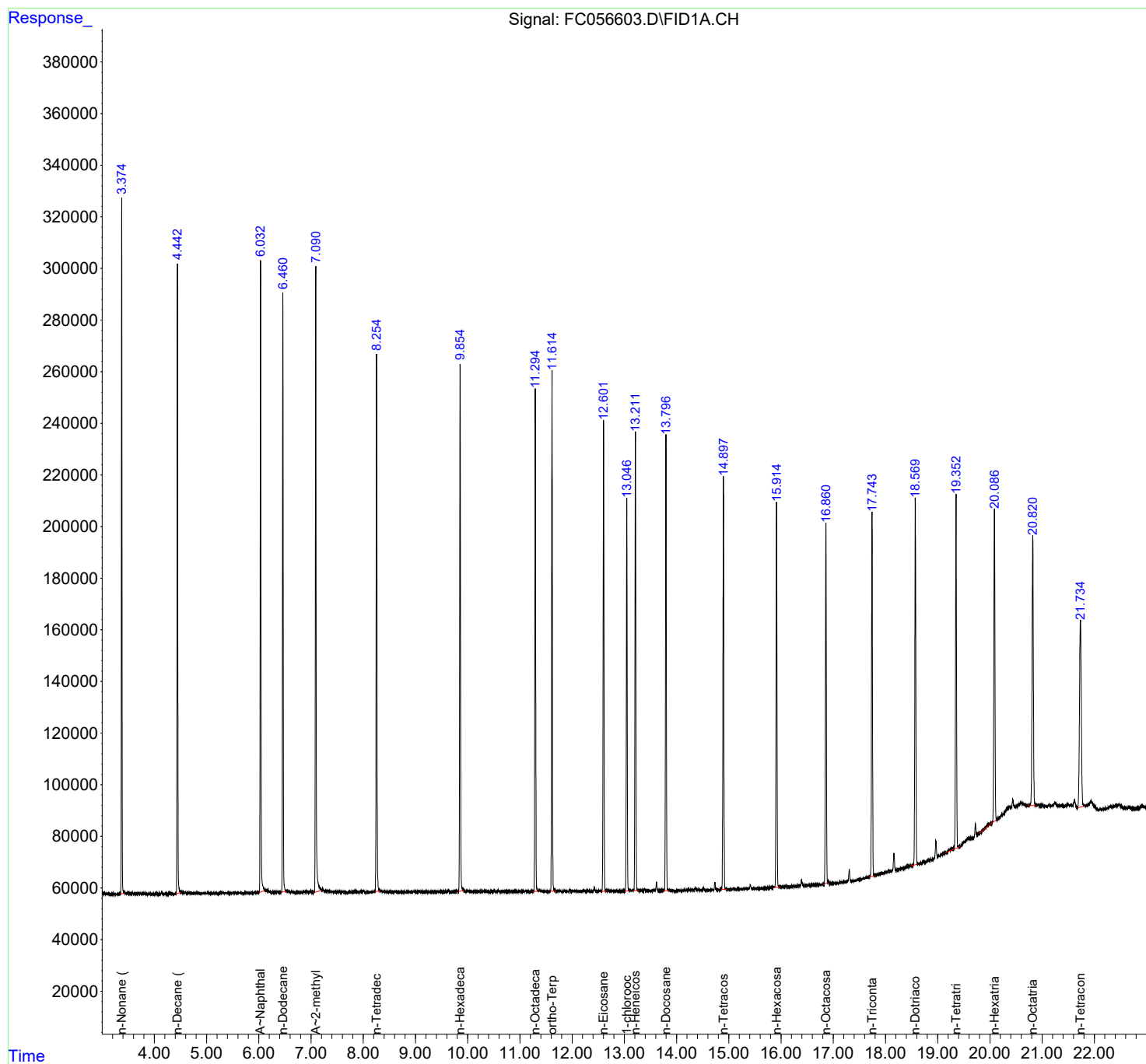
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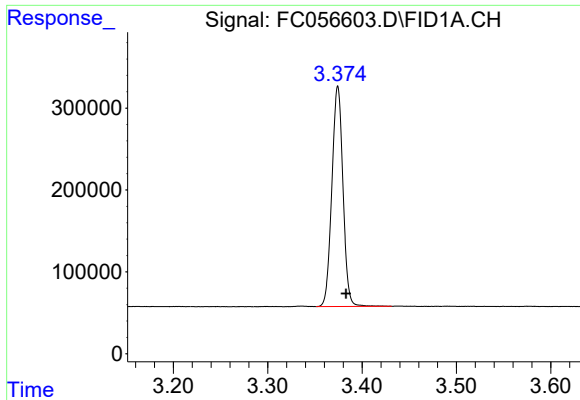
(m)=manual int.

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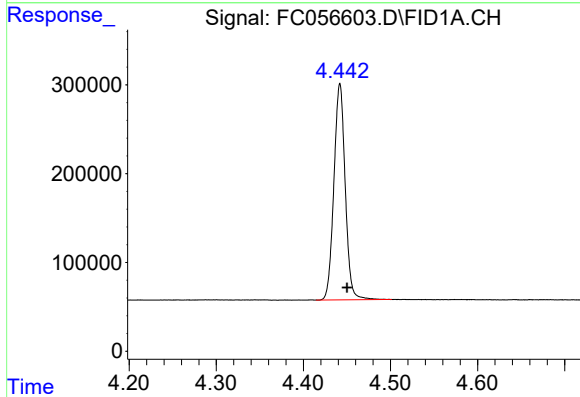
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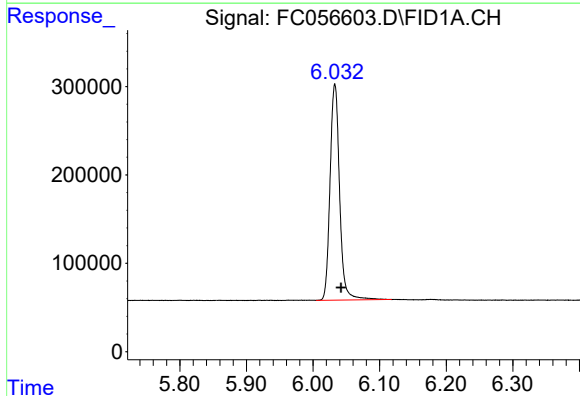
#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: -0.009 min
Response: 2197043
Conc: 20.30 ug/ml



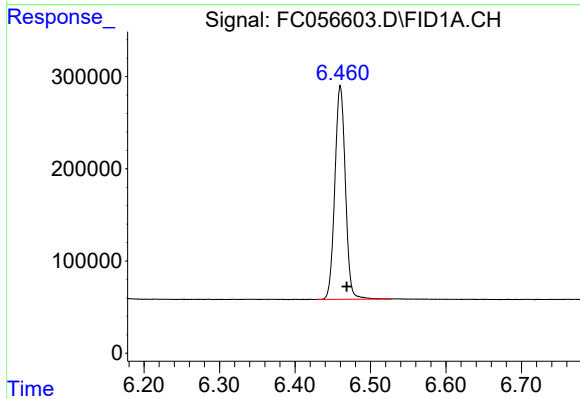
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.008 min
Response: 2199315
Conc: 20.42 ug/ml



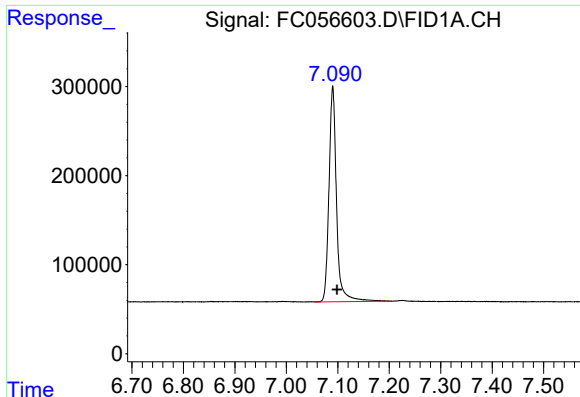
#3 A~Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.009 min
Response: 2433439
Conc: 19.96 ug/ml



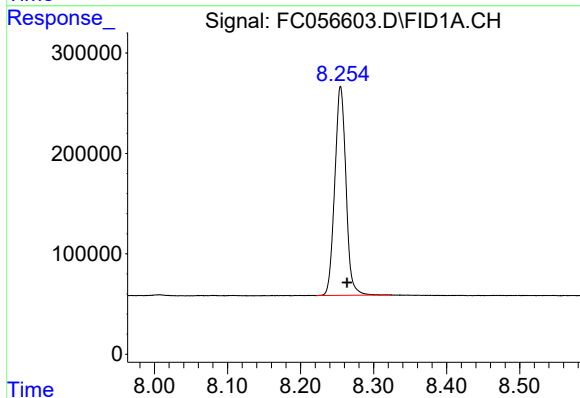
#4 n-Dodecane (C12)

R.T.: 6.460 min
Delta R.T.: -0.009 min
Response: 2245147
Conc: 20.37 ug/ml



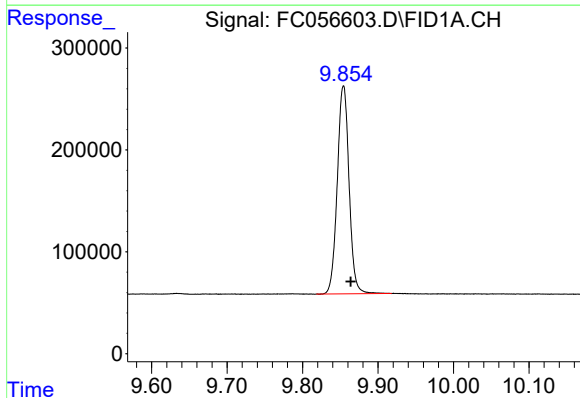
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.008 min
Response: 2474372
Conc: 20.21 ug/ml



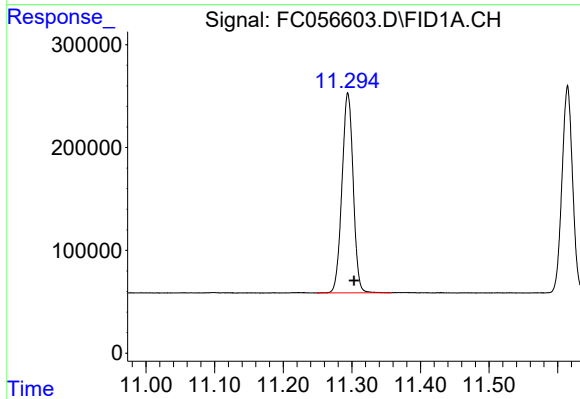
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.009 min
Response: 2218740
Conc: 19.76 ug/ml



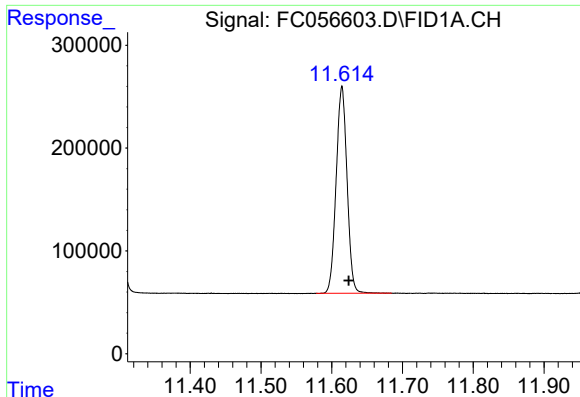
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: -0.010 min
Response: 2218921
Conc: 19.52 ug/ml



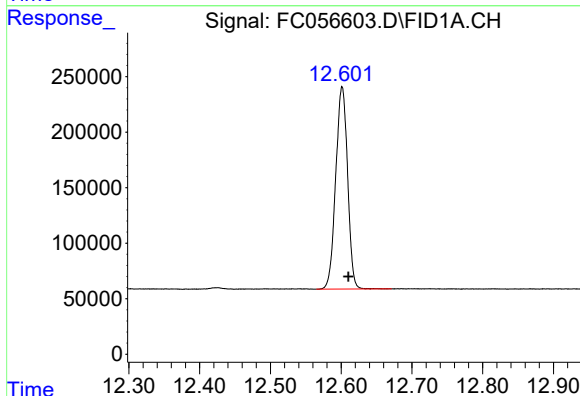
#8 n-Octadecane (C18)

R.T.: 11.294 min
Delta R.T.: -0.009 min
Response: 2202576
Conc: 18.85 ug/ml



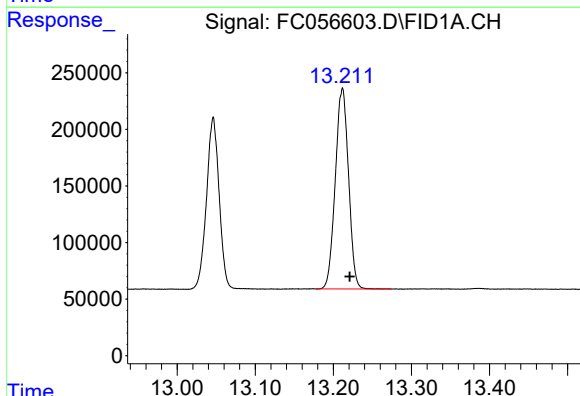
#9 ortho-Terphenyl (SURR)

R.T.: 11.614 min
Delta R.T.: -0.010 min
Response: 2158980
Conc: 17.44 ug/ml



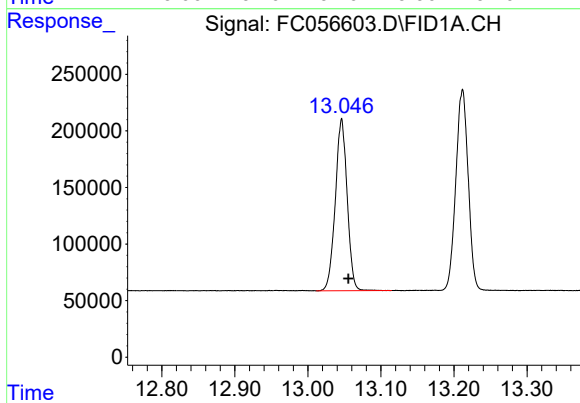
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.009 min
Response: 2121797
Conc: 18.46 ug/ml



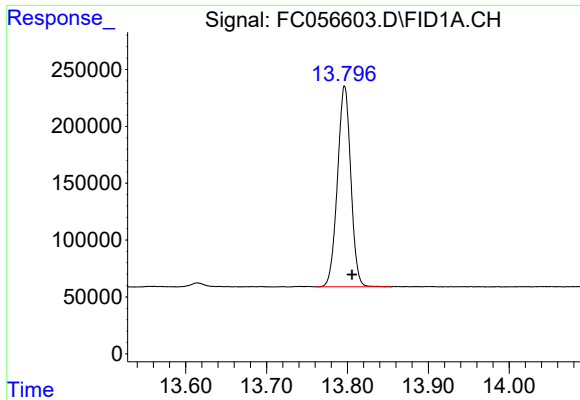
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: -0.010 min
Response: 2089631
Conc: 18.18 ug/ml



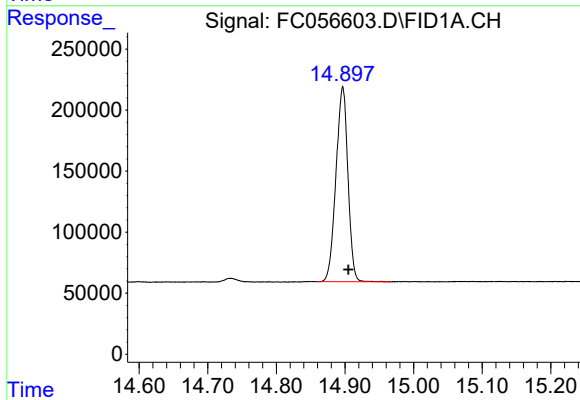
#12 1-chlorooctadecane (SURR)

R.T.: 13.046 min
Delta R.T.: -0.009 min
Response: 1712385
Conc: 17.80 ug/ml



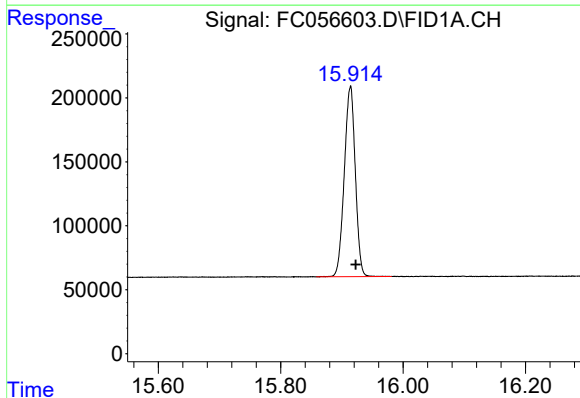
#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: -0.009 min
Response: 2023729
Conc: 17.98 ug/ml



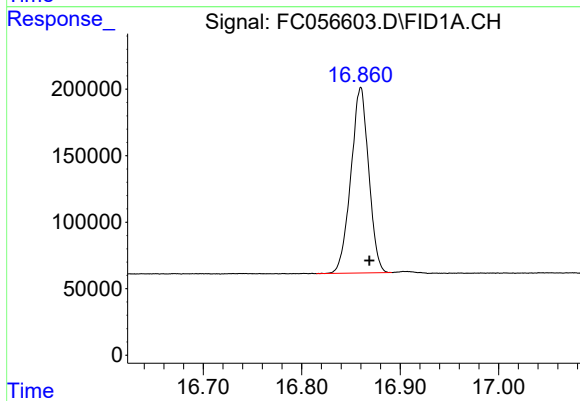
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.008 min
Response: 1930149
Conc: 17.51 ug/ml



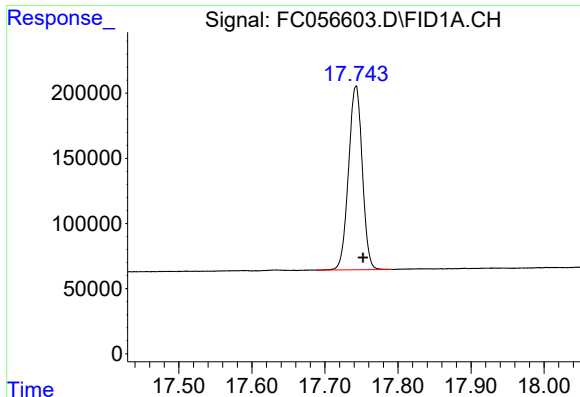
#15 n-Hexacosane (C26)

R.T.: 15.914 min
Delta R.T.: -0.009 min
Response: 1859900
Conc: 17.62 ug/ml



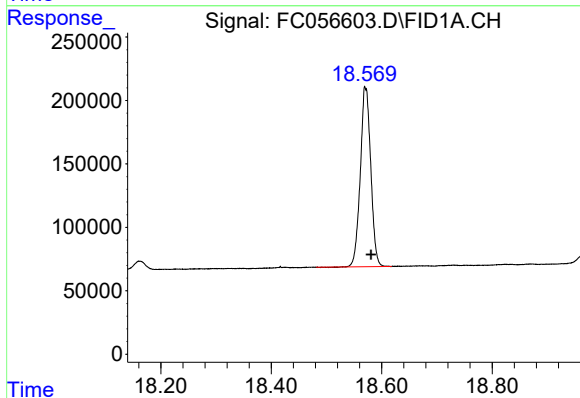
#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.009 min
Response: 1752541
Conc: 16.90 ug/ml



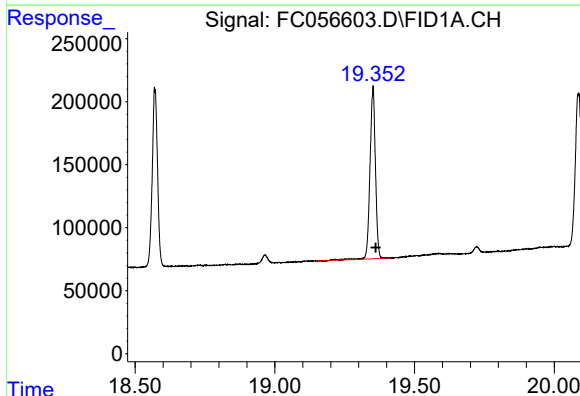
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: -0.010 min
Response: 1846682
Conc: 17.82 ug/ml



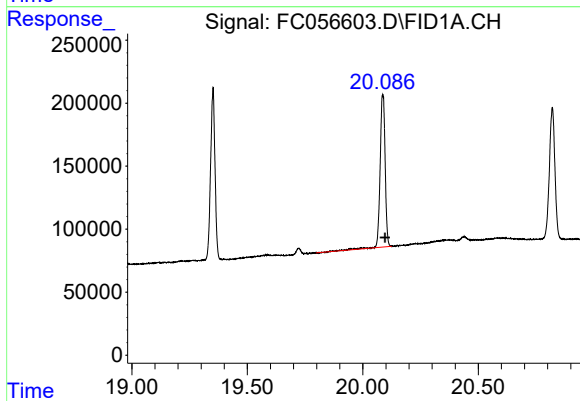
#18 n-Dotriacontane (C32)

R.T.: 18.571 min
Delta R.T.: -0.010 min
Response: 1860541
Conc: 19.42 ug/ml



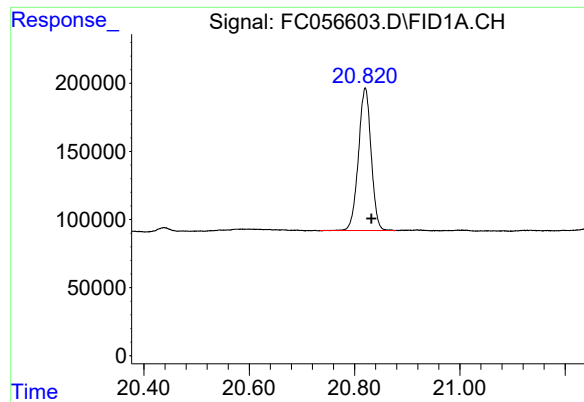
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.010 min
Response: 1846083
Conc: 21.05 ug/ml



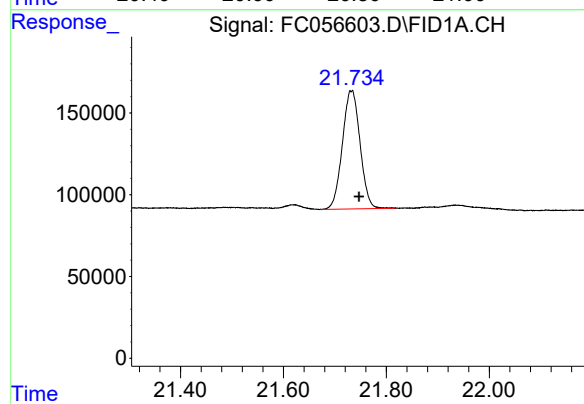
#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: -0.010 min
Response: 1826338
Conc: 22.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.820 min
Delta R.T.: -0.012 min
Response: 1749437
Conc: 21.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: -0.015 min
Response: 1725080
Conc: 20.94 ug/ml