

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080519AL\
 Data File : FC042713.D
 Signal(s) : FID1A.CH
 Acq On : 06 Aug 2019 2:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 06 04:27:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 2019
 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)	11.687	2848644	21.523 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
12) S 1-chlorooctadecane (S...	13.109	2331161	21.264 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
Target Compounds			
1) T n-Nonane (C9)	3.490	2709747	23.274 ug/ml
2) T n-Decane (C10)	4.553	2761664	23.407 ug/ml
3) T A~Naphthalene (C11.7)	6.140	3009853	23.186 ug/ml
4) T n-Dodecane (C12)	6.556	2785094	23.472 ug/ml
5) T A~2-methylnaphthalene...	7.189	3008289	23.152 ug/ml
6) T n-Tetradecane (C14)	8.338	2785727	23.414 ug/ml
7) T n-Hexadecane (C16)	9.928	2775725	23.117 ug/ml
8) T n-Octadecane (C18)	11.362	2758117	22.601 ug/ml
10) T n-Eicosane (C20)	12.665	2732882	21.913 ug/ml
11) T n-Heneicosane (C21)	13.273	2690506	21.494 ug/ml
13) T n-Docosane (C22)	13.856	2652820	21.151 ug/ml
14) T n-Tetracosane (C24)	14.954	2574688	20.325 ug/ml
15) T n-Hexacosane (C26)	15.970	2476043	19.582 ug/ml
16) T n-Octacosane (C28)	16.915	2402038	19.035 ug/ml
17) T n-Tricontane (C30)	17.799	2317755	18.906 ug/ml
18) T n-Dotriacontane (C32)	18.630	2137445	19.130 ug/ml
19) T n-Tetratriacontane (C34)	19.409	1838730	19.855 ug/ml
20) T n-Hexatriacontane (C36)	20.147	1990339	24.974 ug/ml
21) T n-Octatriacontane (C38)	20.892	1663334	23.200 ug/ml
22) T n-Tetracontane (C40)	21.821	1751794	25.244 ug/ml

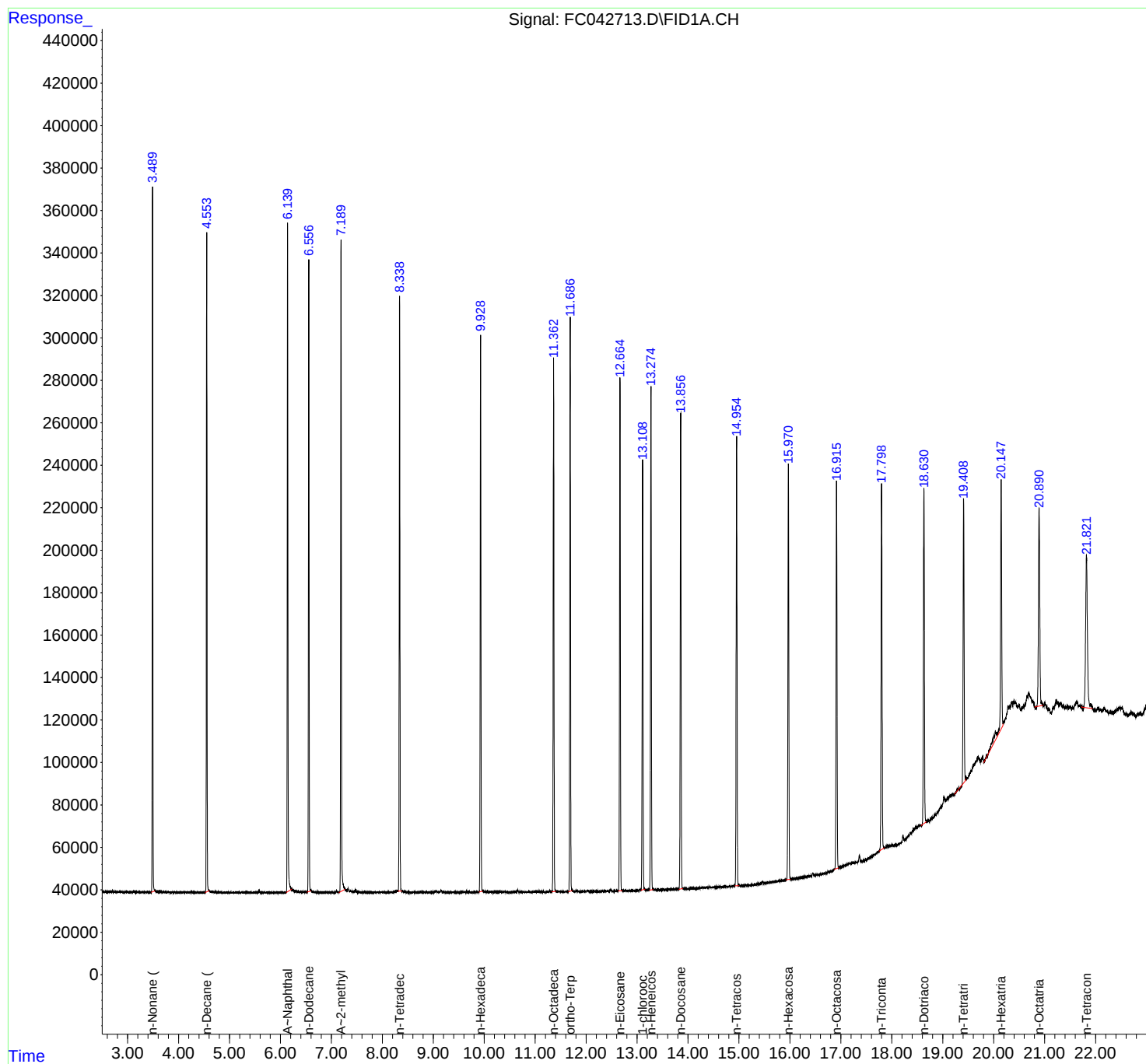
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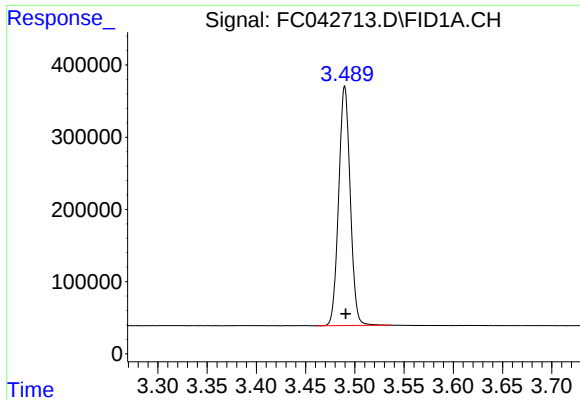
(m)=manual int.

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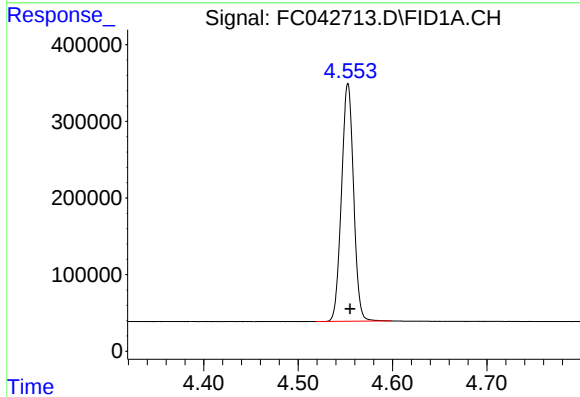
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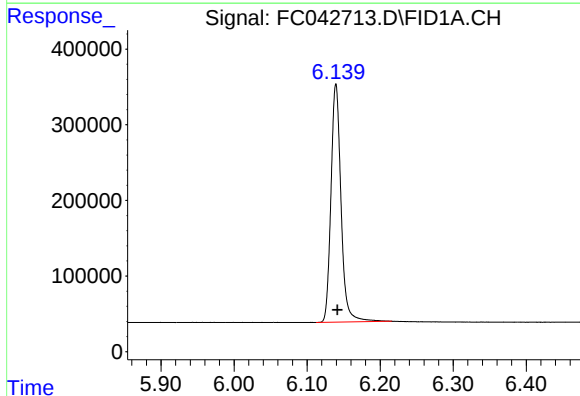
#1 n-Nonane (C9)

R.T.: 3.490 min
Delta R.T.: -0.001 min
Response: 2709747
Conc: 23.27 ug/ml



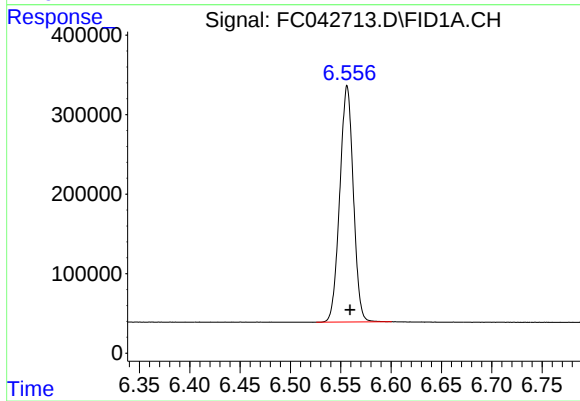
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.002 min
Response: 2761664
Conc: 23.41 ug/ml



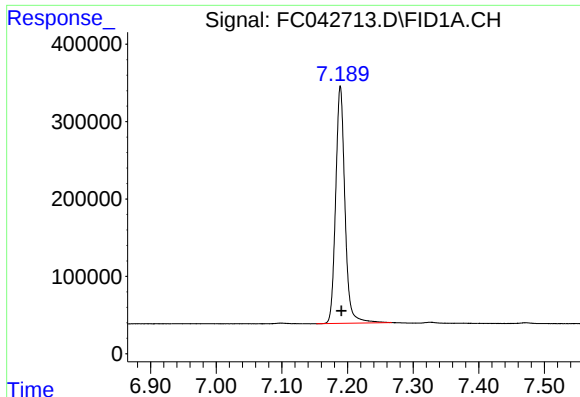
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 3009853
Conc: 23.19 ug/ml



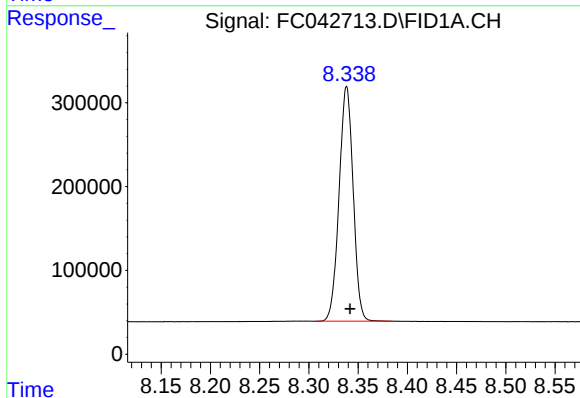
#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: -0.003 min
Response: 2785094
Conc: 23.47 ug/ml



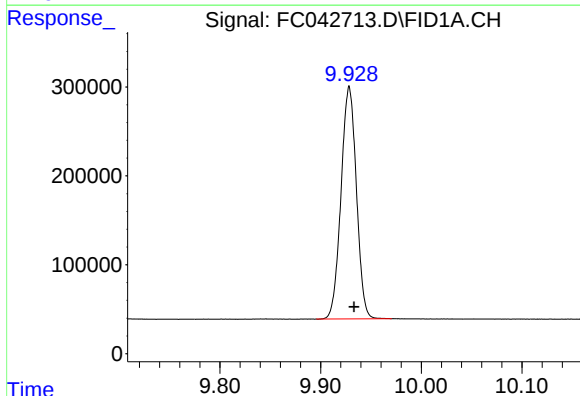
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.189 min
Delta R.T.: -0.002 min
Response: 3008289
Conc: 23.15 ug/ml



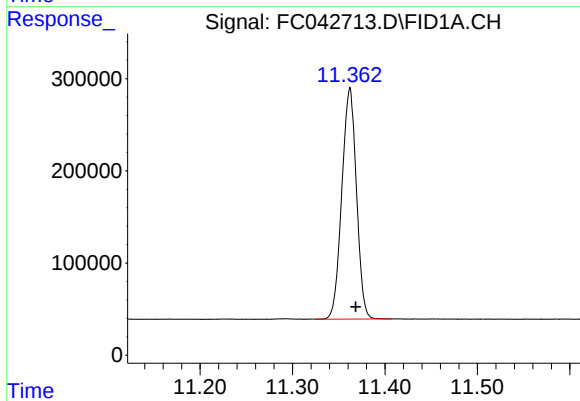
#6 n-Tetradecane (C14)

R.T.: 8.338 min
Delta R.T.: -0.004 min
Response: 2785727
Conc: 23.41 ug/ml



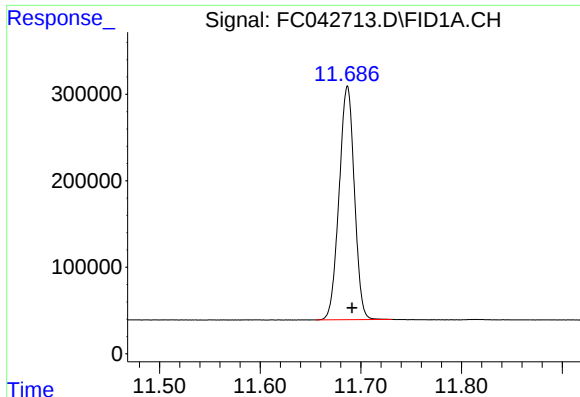
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.005 min
Response: 2775725
Conc: 23.12 ug/ml



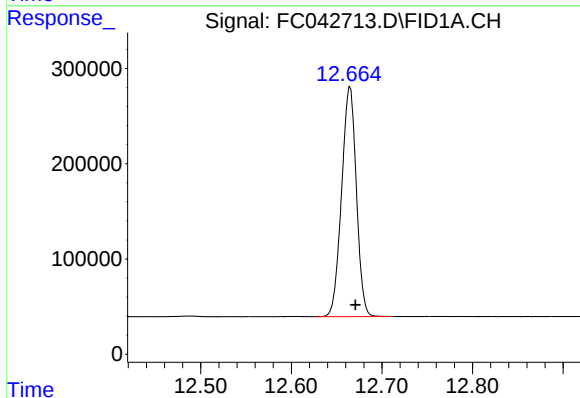
#8 n-Octadecane (C18)

R.T.: 11.362 min
Delta R.T.: -0.006 min
Response: 2758117
Conc: 22.60 ug/ml



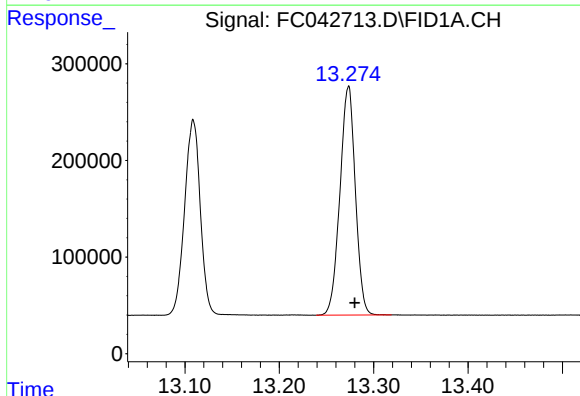
#9 ortho-Terphenyl (SURR)

R.T.: 11.687 min
Delta R.T.: -0.005 min
Response: 2848644
Conc: 21.52 ug/ml



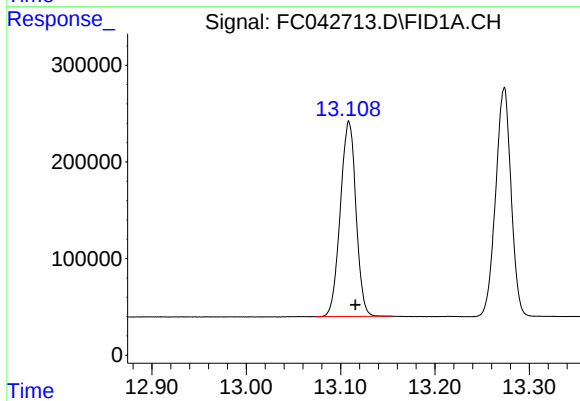
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.006 min
Response: 2732882
Conc: 21.91 ug/ml



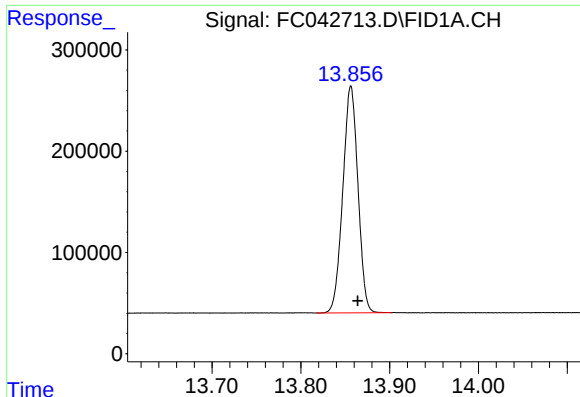
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: -0.007 min
Response: 2690506
Conc: 21.49 ug/ml



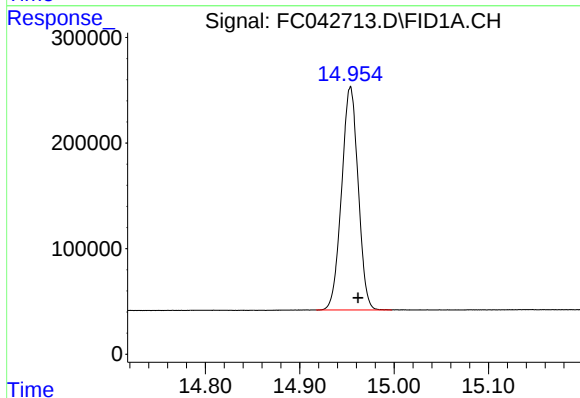
#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.007 min
Response: 2331161
Conc: 21.26 ug/ml



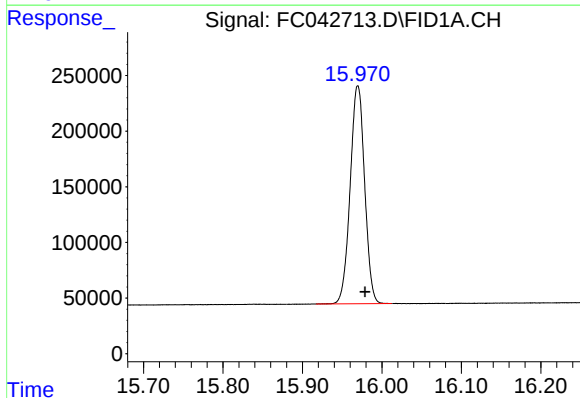
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: -0.008 min
Response: 2652820
Conc: 21.15 ug/ml



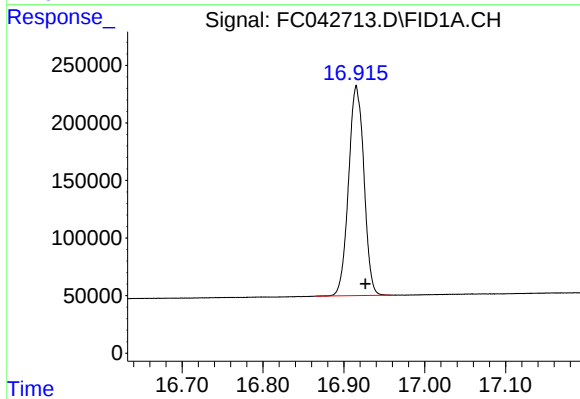
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.008 min
Response: 2574688
Conc: 20.33 ug/ml



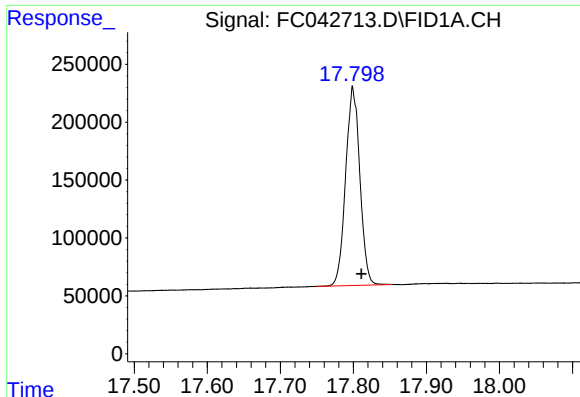
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.009 min
Response: 2476043
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: -0.011 min
Response: 2402038
Conc: 19.03 ug/ml



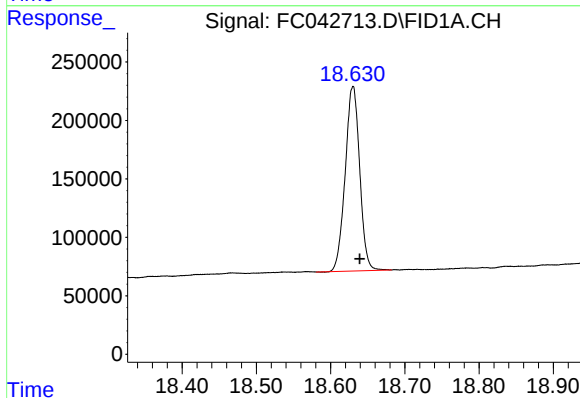
#17 n-Tricontane (C30)

R.T.: 17.799 min

Delta R.T.: -0.012 min

Response: 2317755

Conc: 18.91 ug/ml



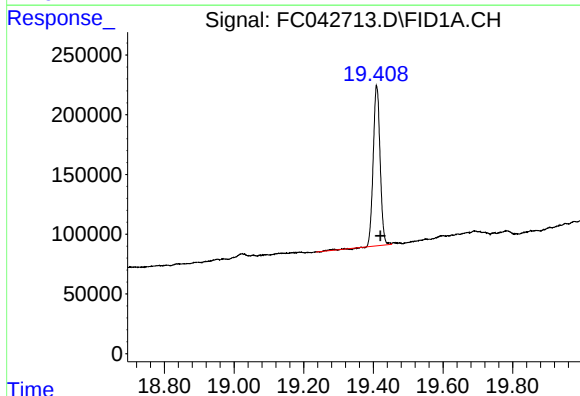
#18 n-Dotriacontane (C32)

R.T.: 18.630 min

Delta R.T.: -0.009 min

Response: 2137445

Conc: 19.13 ug/ml



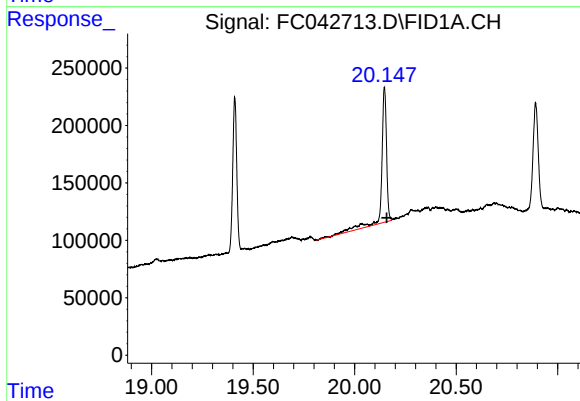
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min

Delta R.T.: -0.011 min

Response: 1838730

Conc: 19.85 ug/ml



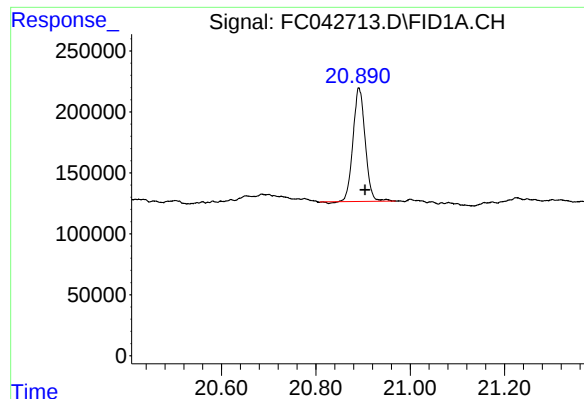
#20 n-Hexatriacontane (C36)

R.T.: 20.147 min

Delta R.T.: -0.011 min

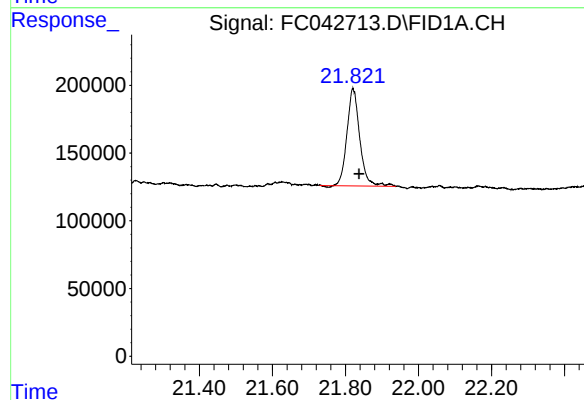
Response: 1990339

Conc: 24.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.892 min
Delta R.T.: -0.013 min
Response: 1663334
Conc: 23.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.821 min
Delta R.T.: -0.016 min
Response: 1751794
Conc: 25.24 ug/ml