

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092021AL\
 Data File : FC055701.D
 Signal(s) : FID1A.CH
 Acq On : 20 Sep 2021 12:40
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 03:18:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.655	2704403	21.416 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
12) S 1-chlorooctadecane (S...	13.087	2110640	21.361 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
Target Compounds			
1) T n-Nonane (C9)	3.402	2397076	21.569 ug/ml
2) T n-Decane (C10)	4.470	2413626	21.548 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2702058	21.524 ug/ml
4) T n-Dodecane (C12)	6.491	2410707	21.543 ug/ml
5) T A~2-methylnaphthalene...	7.123	2724664	21.550 ug/ml
6) T n-Tetradecane (C14)	8.288	2434246	21.505 ug/ml
7) T n-Hexadecane (C16)	9.890	2458373	21.517 ug/ml
8) T n-Octadecane (C18)	11.333	2546094	21.458 ug/ml
10) T n-Eicosane (C20)	12.642	2538165	21.503 ug/ml
11) T n-Heneicosane (C21)	13.253	2559875	21.456 ug/ml
13) T n-Docosane (C22)	13.840	2541976	21.456 ug/ml
14) T n-Tetracosane (C24)	14.942	2529969	21.381 ug/ml
15) T n-Hexacosane (C26)	15.961	2423106	21.266 ug/ml
16) T n-Octacosane (C28)	16.910	2336064	21.476 ug/ml
17) T n-Tricontane (C30)	17.795	2202065	21.768 ug/ml
18) T n-Dotriacontane (C32)	18.626	1985148	21.725 ug/ml
19) T n-Tetratriacontane (C34)	19.408	1793132	20.764 ug/mlm
20) T n-Hexatriacontane (C36)	20.145	1623137	19.084 ug/ml
21) T n-Octatriacontane (C38)	20.891	1324395	17.398 ug/ml
22) T n-Tetracontane (C40)	21.820	1126767	16.086 ug/ml

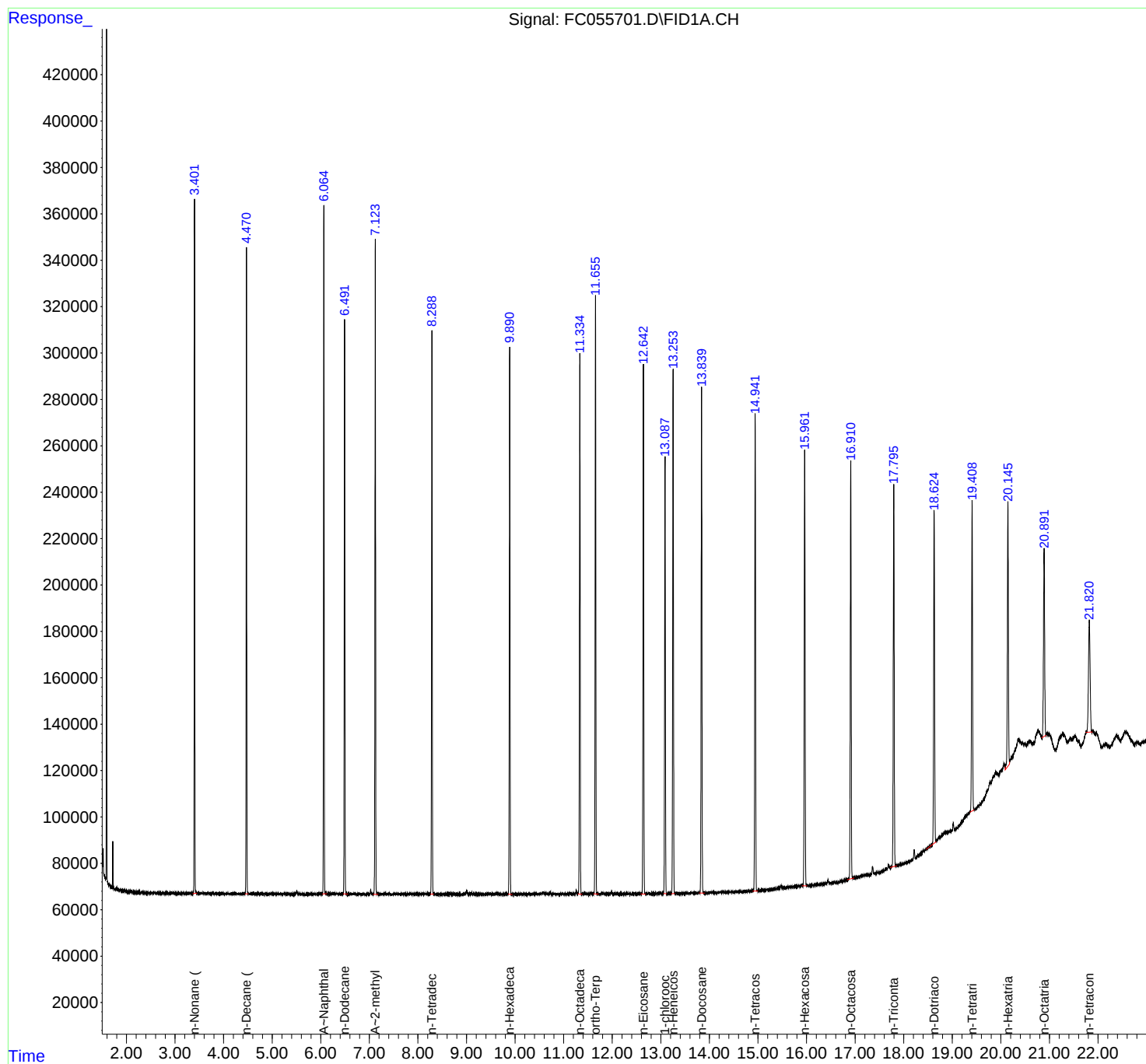
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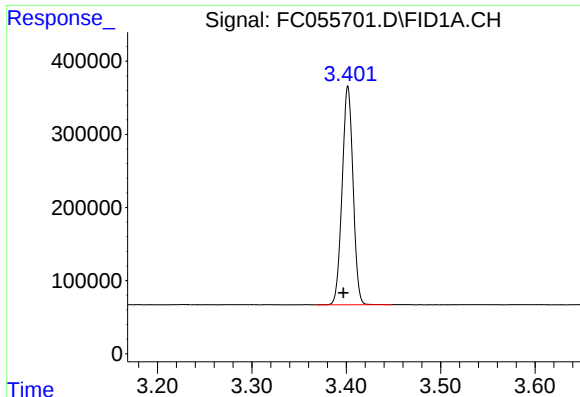
(m)=manual int.

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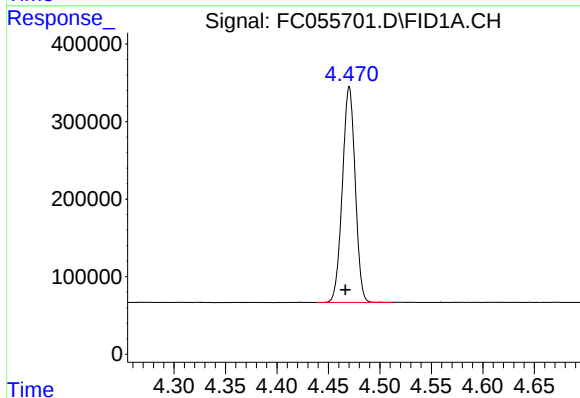
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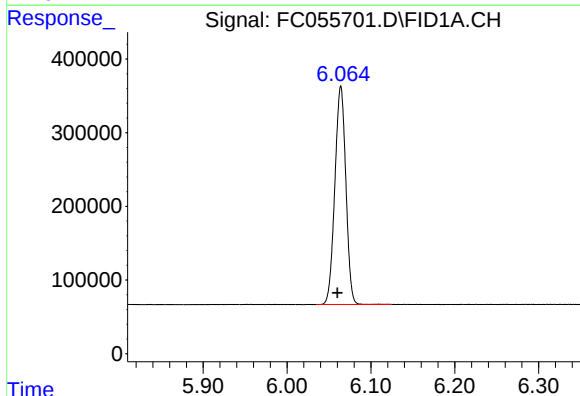
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: 0.005 min
Response: 2397076
Conc: 21.57 ug/ml



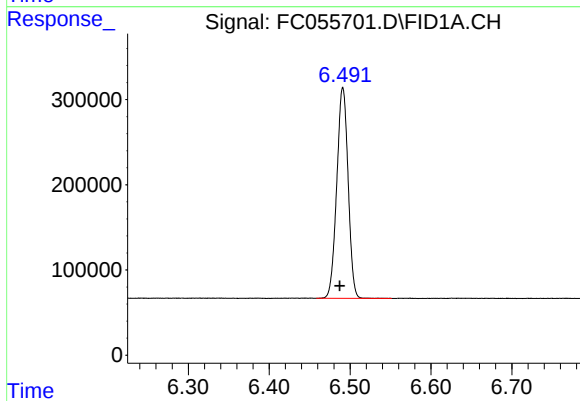
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: 0.004 min
Response: 2413626
Conc: 21.55 ug/ml



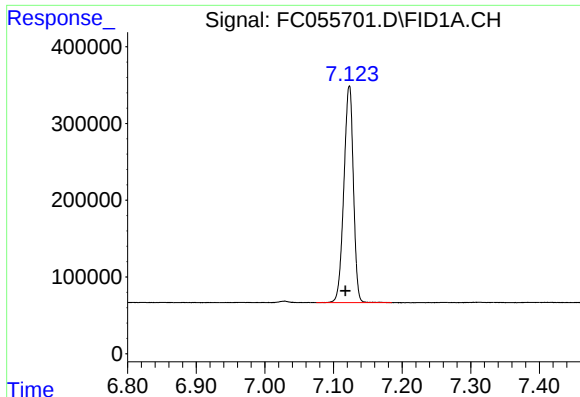
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.004 min
Response: 2702058
Conc: 21.52 ug/ml



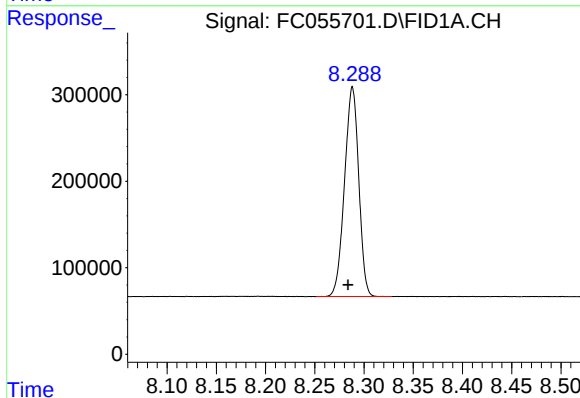
#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: 0.004 min
Response: 2410707
Conc: 21.54 ug/ml



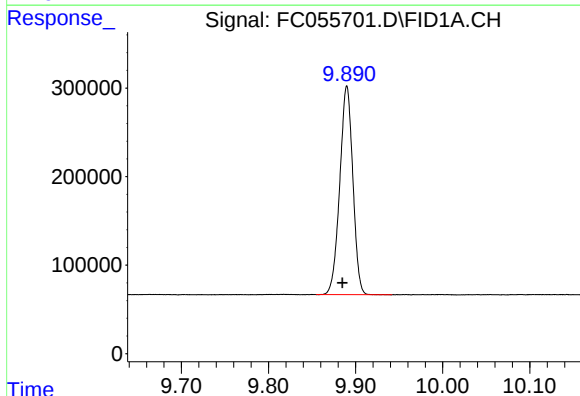
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: 0.005 min
Response: 2724664
Conc: 21.55 ug/ml



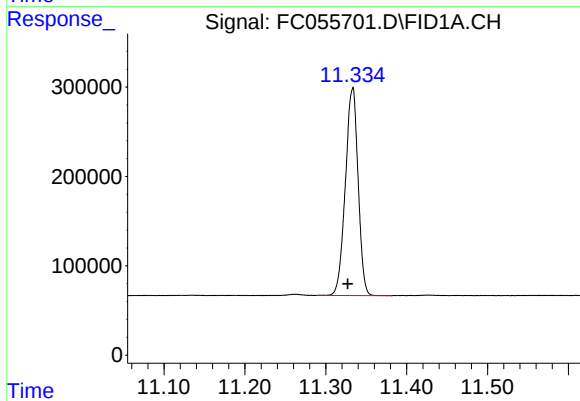
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: 0.004 min
Response: 2434246
Conc: 21.51 ug/ml



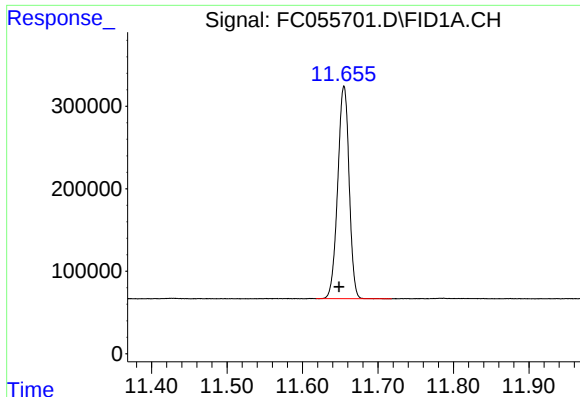
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: 0.005 min
Response: 2458373
Conc: 21.52 ug/ml



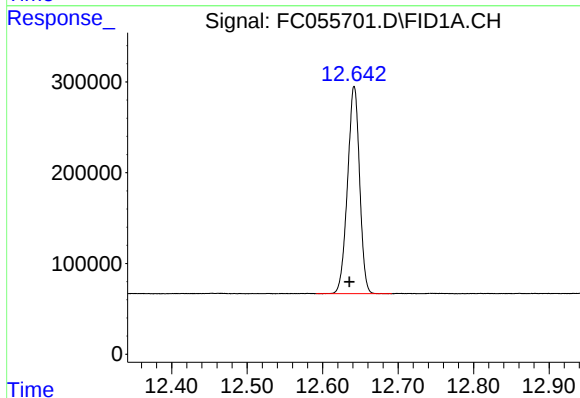
#8 n-Octadecane (C18)

R.T.: 11.333 min
Delta R.T.: 0.006 min
Response: 2546094
Conc: 21.46 ug/ml



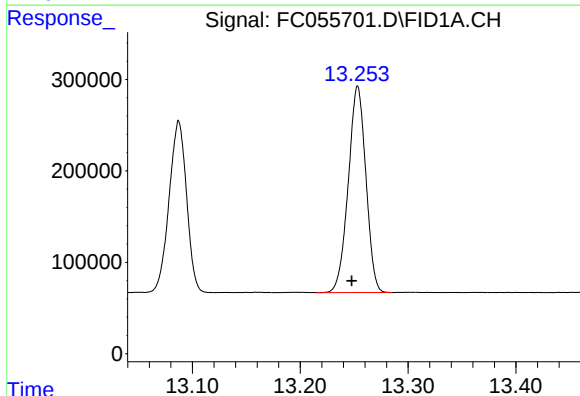
#9 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: 0.007 min
Response: 2704403
Conc: 21.42 ug/ml



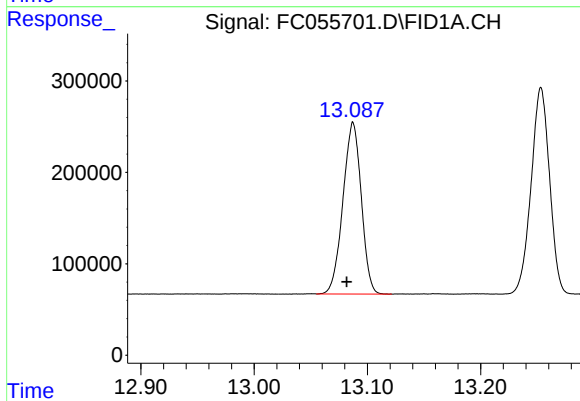
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: 0.006 min
Response: 2538165
Conc: 21.50 ug/ml



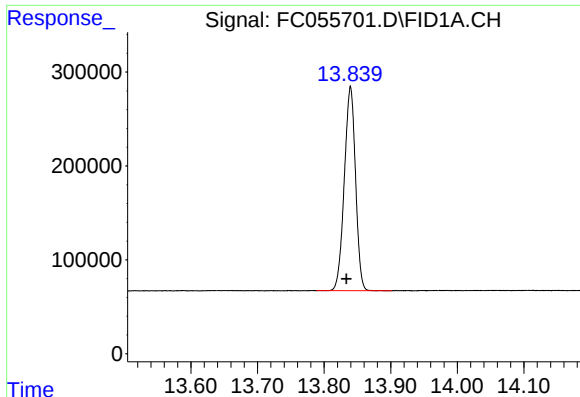
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: 0.006 min
Response: 2559875
Conc: 21.46 ug/ml



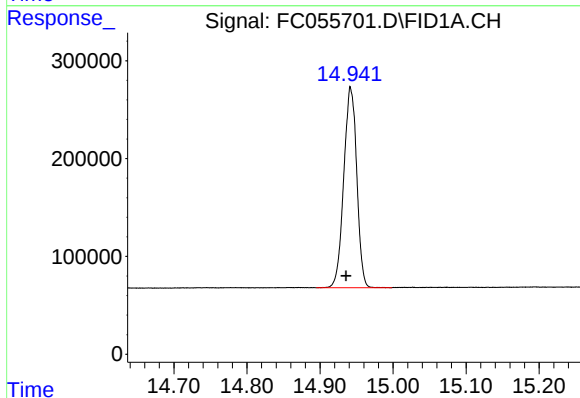
#12 1-chlorooctadecane (SURR)

R.T.: 13.087 min
Delta R.T.: 0.006 min
Response: 2110640
Conc: 21.36 ug/ml



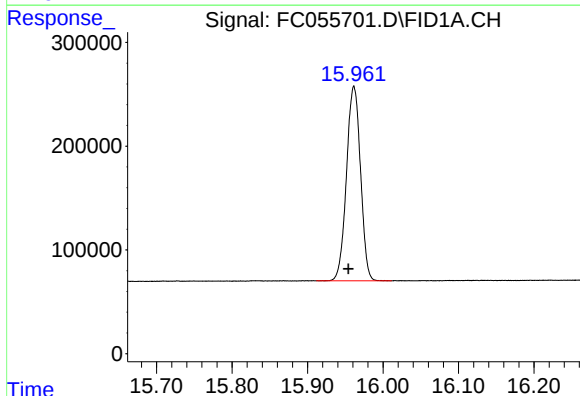
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: 0.006 min
Response: 2541976
Conc: 21.46 ug/ml



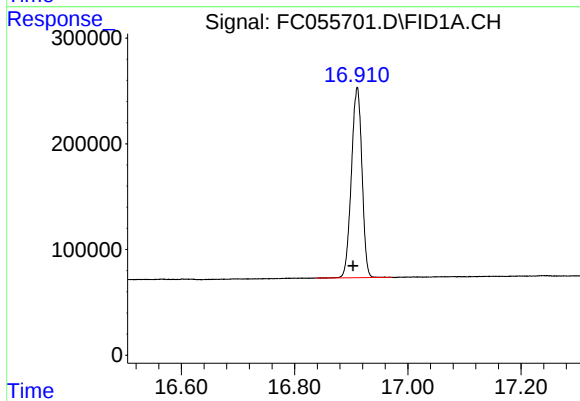
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: 0.006 min
Response: 2529969
Conc: 21.38 ug/ml



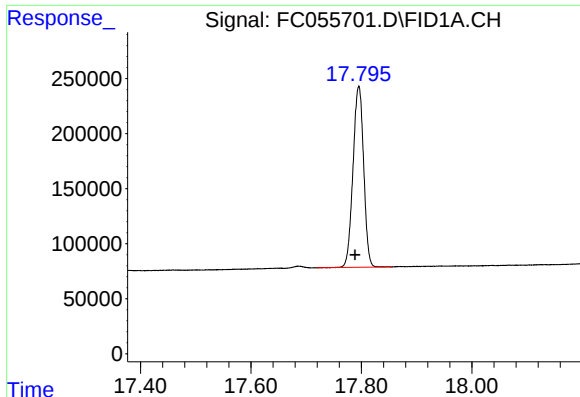
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: 0.007 min
Response: 2423106
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: 0.007 min
Response: 2336064
Conc: 21.48 ug/ml



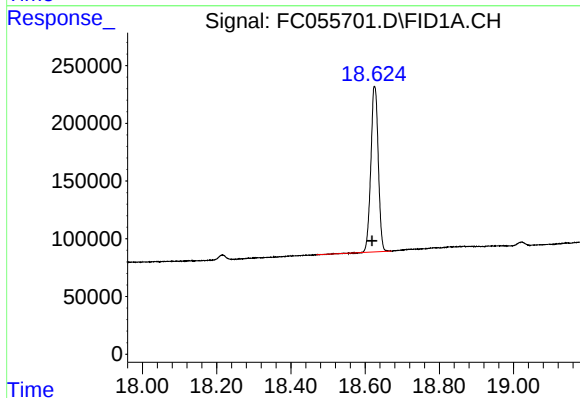
#17 n-Tricontane (C30)

R.T.: 17.795 min

Delta R.T.: 0.007 min

Response: 2202065

Conc: 21.77 ug/ml



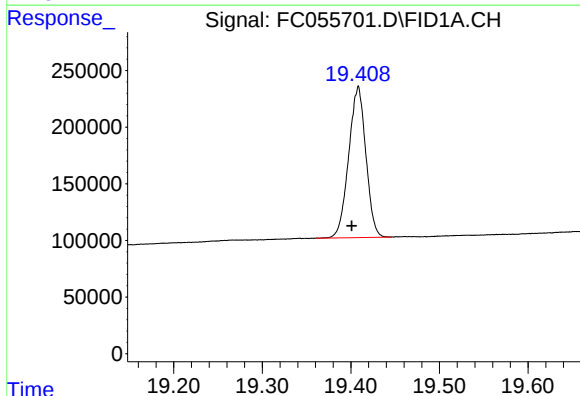
#18 n-Dotriacontane (C32)

R.T.: 18.626 min

Delta R.T.: 0.007 min

Response: 1985148

Conc: 21.73 ug/ml



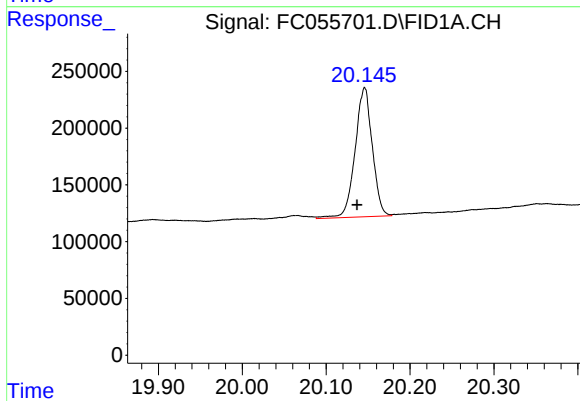
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min

Delta R.T.: 0.007 min

Response: 1793132

Conc: 20.76 ug/ml m



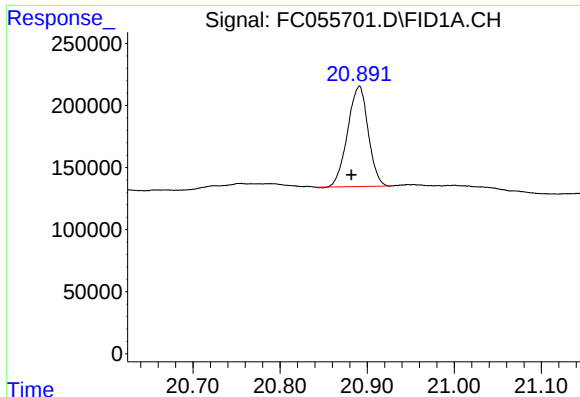
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min

Delta R.T.: 0.009 min

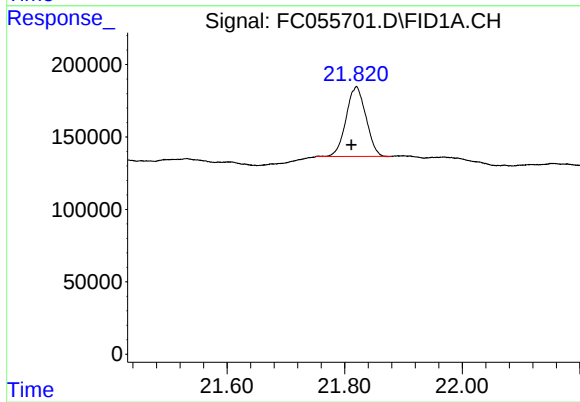
Response: 1623137

Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: 0.009 min
Response: 1324395
Conc: 17.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.820 min
Delta R.T.: 0.008 min
Response: 1126767
Conc: 16.09 ug/ml