

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092221AL\
 Data File : FC055777.D
 Signal(s) : FID1A.CH
 Acq On : 23 Sep 2021 00:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 23 09:25:21 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)	11.644	2654091	21.017 ug/ml
Spiked Amount 50.000		Recovery =	42.03%
12) S 1-chlorooctadecane (S...	13.076	2081529	21.066 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
Target Compounds			
1) T n-Nonane (C9)	3.398	2363934	21.271 ug/ml
2) T n-Decane (C10)	4.465	2416124	21.570 ug/ml
3) T A~Naphthalene (C11.7)	6.055	2740214	21.828 ug/ml
4) T n-Dodecane (C12)	6.485	2461899	22.001 ug/ml
5) T A~2-methylnaphthalene...	7.113	2769898	21.908 ug/ml
6) T n-Tetradecane (C14)	8.280	2515185	22.220 ug/ml
7) T n-Hexadecane (C16)	9.881	2532845	22.169 ug/ml
8) T n-Octadecane (C18)	11.323	2563713	21.606 ug/ml
10) T n-Eicosane (C20)	12.632	2497035	21.154 ug/ml
11) T n-Heneicosane (C21)	13.243	2477306	20.764 ug/ml
13) T n-Docosane (C22)	13.829	2444585	20.634 ug/ml
14) T n-Tetracosane (C24)	14.930	2367857	20.011 ug/ml
15) T n-Hexacosane (C26)	15.949	2223310	19.512 ug/ml
16) T n-Octacosane (C28)	16.897	2119188	19.482 ug/ml
17) T n-Tricontane (C30)	17.782	2041048	20.177 ug/ml
18) T n-Dotriacontane (C32)	18.614	1958878	21.438 ug/ml
19) T n-Tetratriacontane (C34)	19.395	1903701	22.044 ug/ml
20) T n-Hexatriacontane (C36)	20.133	1825328	21.461 ug/ml
21) T n-Octatriacontane (C38)	20.873	1773542	23.299 ug/ml
22) T n-Tetracontane (C40)	21.799	1810119	25.842 ug/mlm

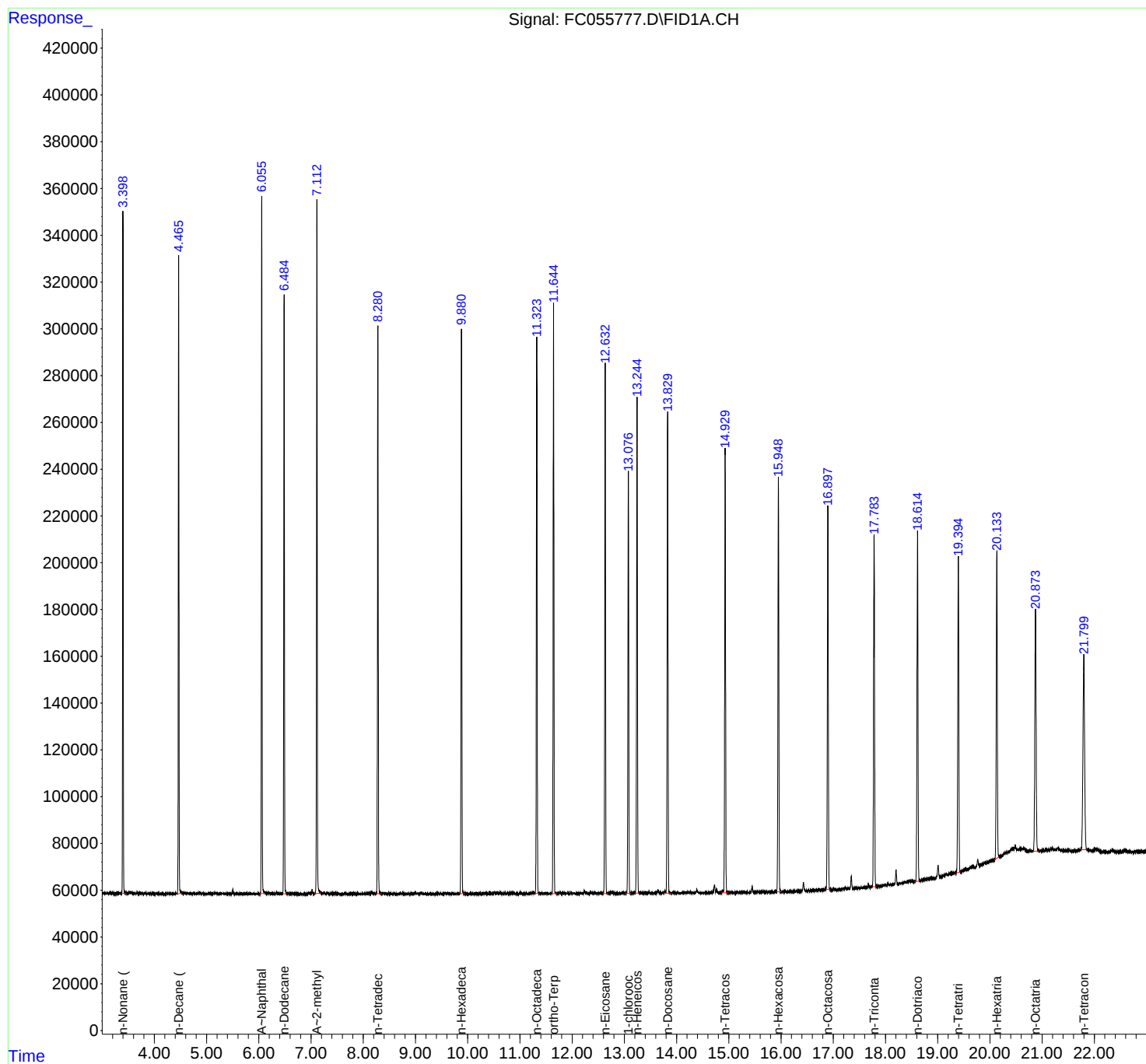
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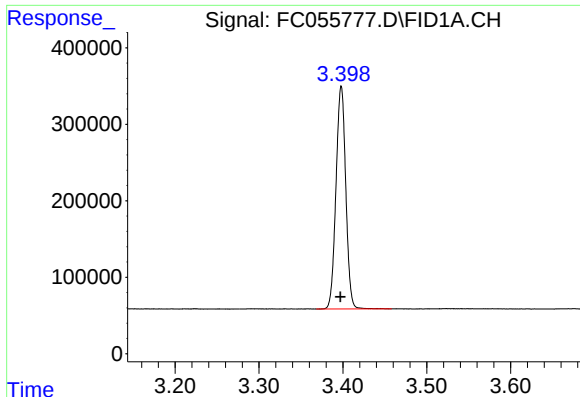
(m)=manual int.

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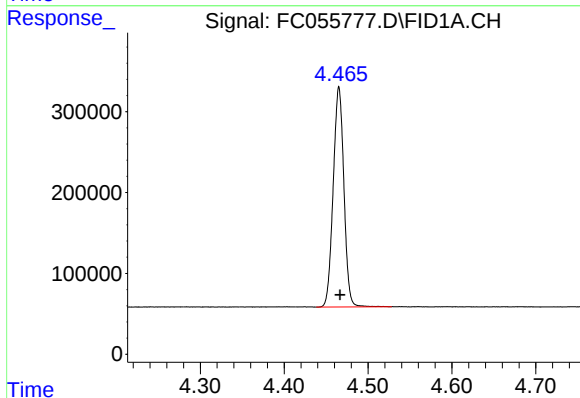
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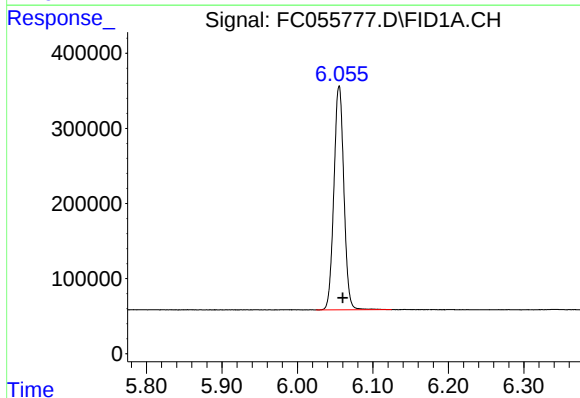
#1 n-Nonane (C9)

R.T.: 3.398 min
Delta R.T.: 0.001 min
Response: 2363934
Conc: 21.27 ug/ml



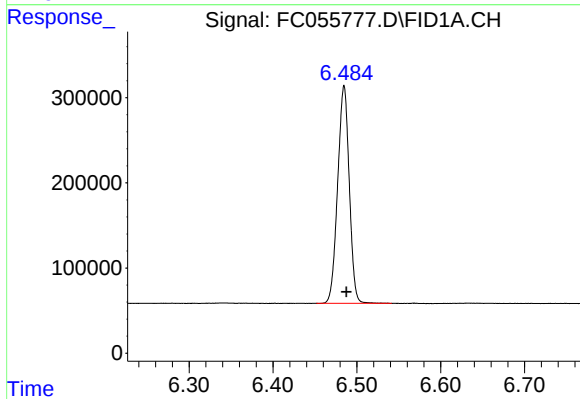
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.001 min
Response: 2416124
Conc: 21.57 ug/ml



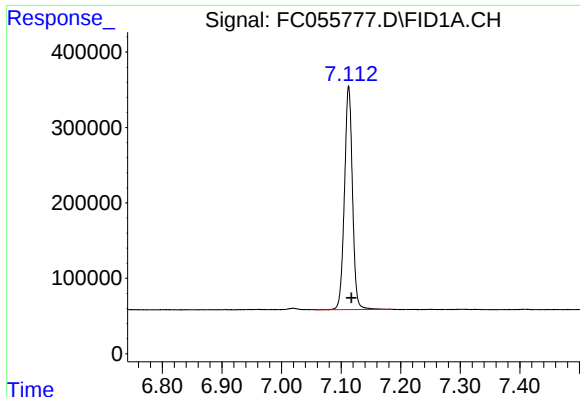
#3 A~Naphthalene (C11.7)

R.T.: 6.055 min
Delta R.T.: -0.005 min
Response: 2740214
Conc: 21.83 ug/ml



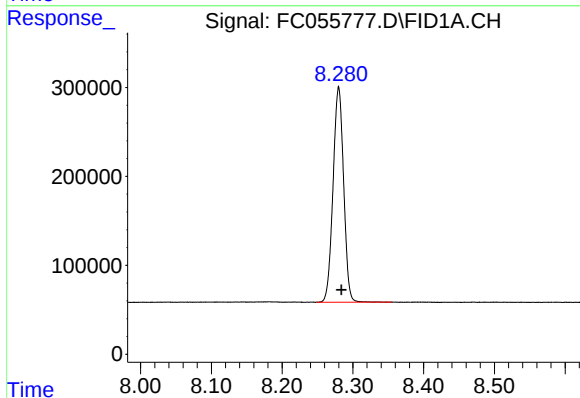
#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 2461899
Conc: 22.00 ug/ml



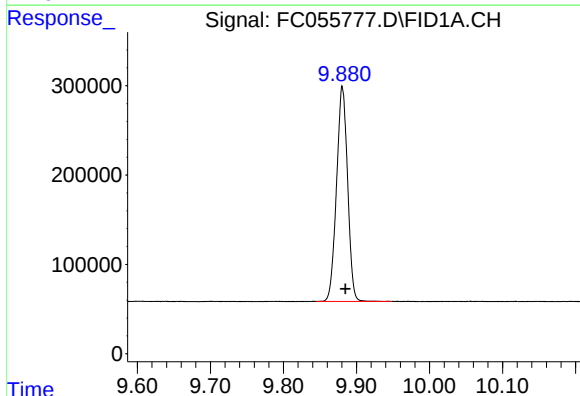
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 2769898
Conc: 21.91 ug/ml



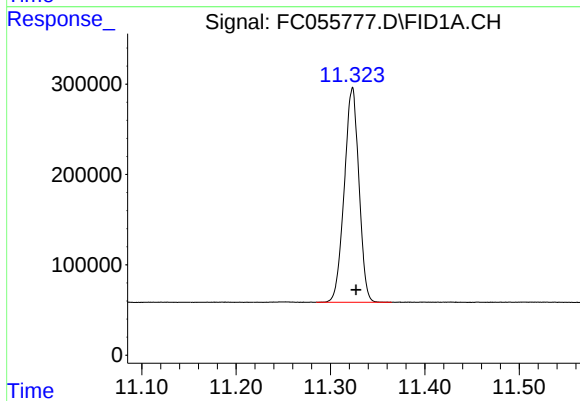
#6 n-Tetradecane (C14)

R.T.: 8.280 min
Delta R.T.: -0.004 min
Response: 2515185
Conc: 22.22 ug/ml



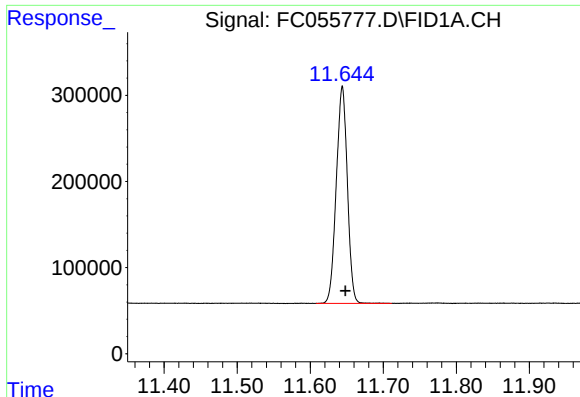
#7 n-Hexadecane (C16)

R.T.: 9.881 min
Delta R.T.: -0.004 min
Response: 2532845
Conc: 22.17 ug/ml



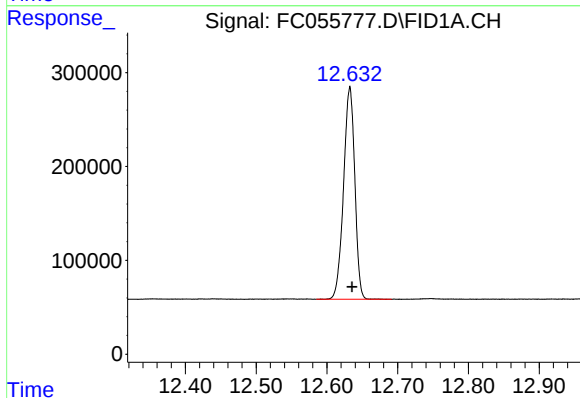
#8 n-Octadecane (C18)

R.T.: 11.323 min
Delta R.T.: -0.004 min
Response: 2563713
Conc: 21.61 ug/ml



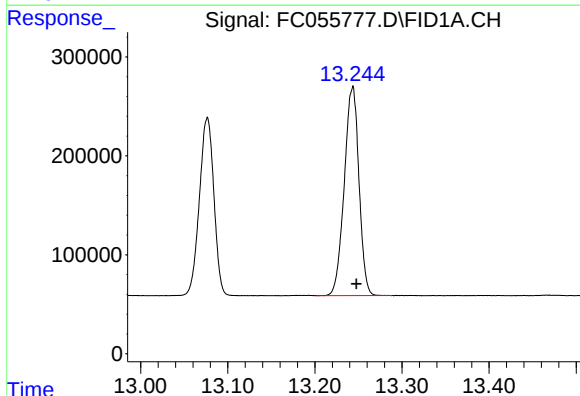
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.004 min
Response: 2654091
Conc: 21.02 ug/ml



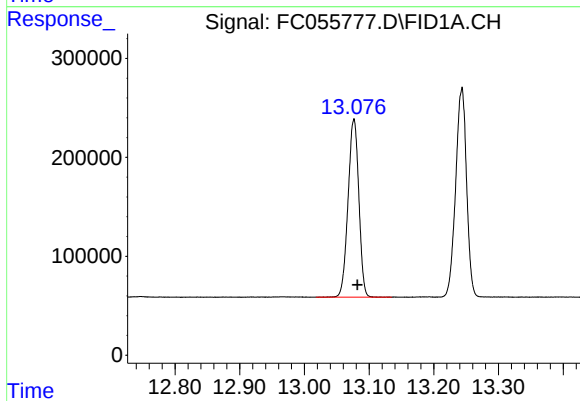
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.003 min
Response: 2497035
Conc: 21.15 ug/ml



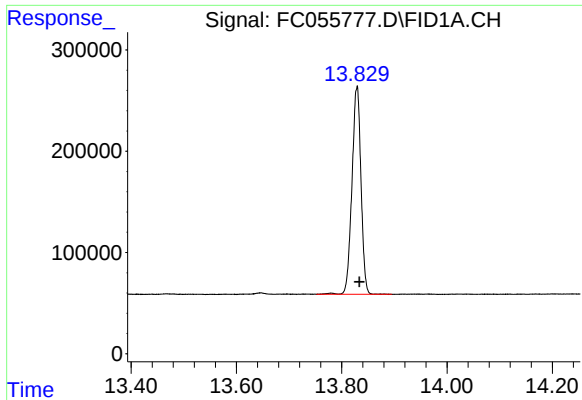
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.005 min
Response: 2477306
Conc: 20.76 ug/ml



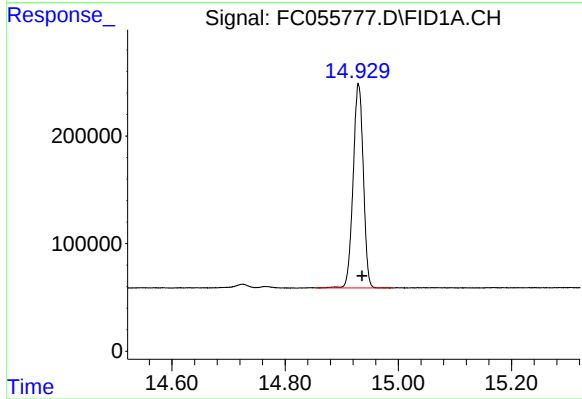
#12 1-chlorooctadecane (SURR)

R.T.: 13.076 min
Delta R.T.: -0.005 min
Response: 2081529
Conc: 21.07 ug/ml



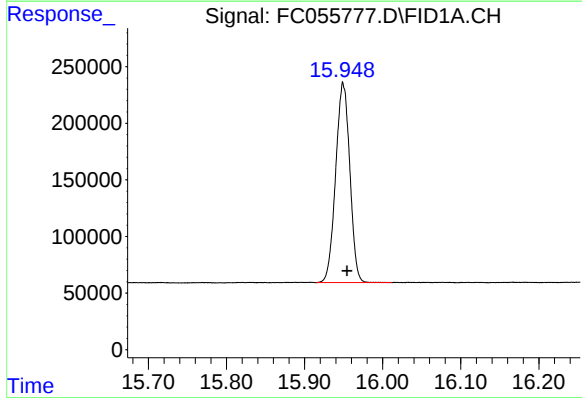
#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: -0.005 min
Response: 2444585
Conc: 20.63 ug/ml



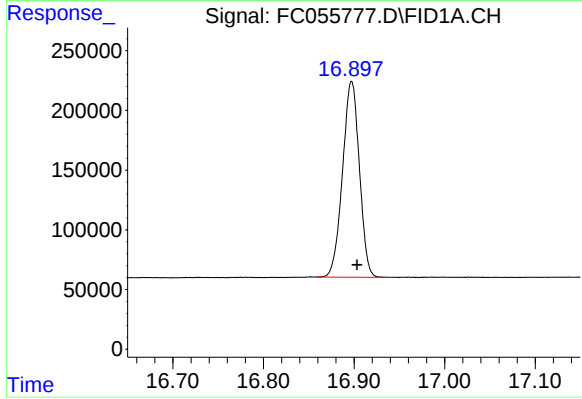
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.006 min
Response: 2367857
Conc: 20.01 ug/ml



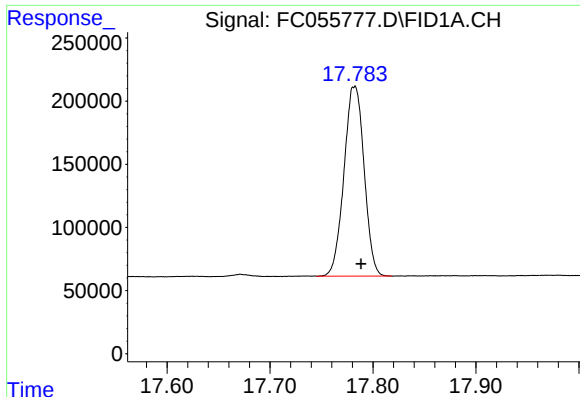
#15 n-Hexacosane (C26)

R.T.: 15.949 min
Delta R.T.: -0.005 min
Response: 2223310
Conc: 19.51 ug/ml



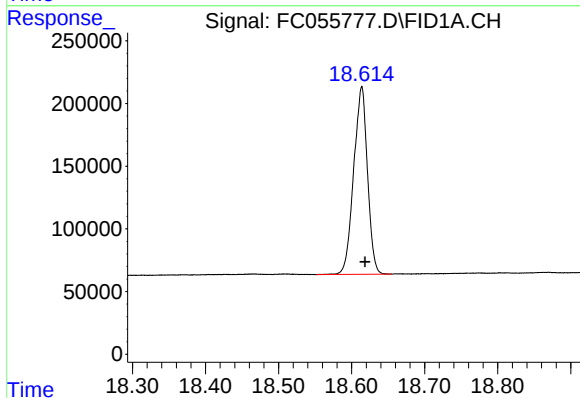
#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: -0.006 min
Response: 2119188
Conc: 19.48 ug/ml



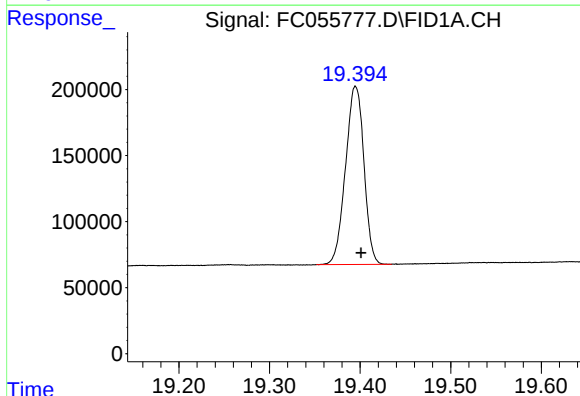
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: -0.006 min
Response: 2041048
Conc: 20.18 ug/ml



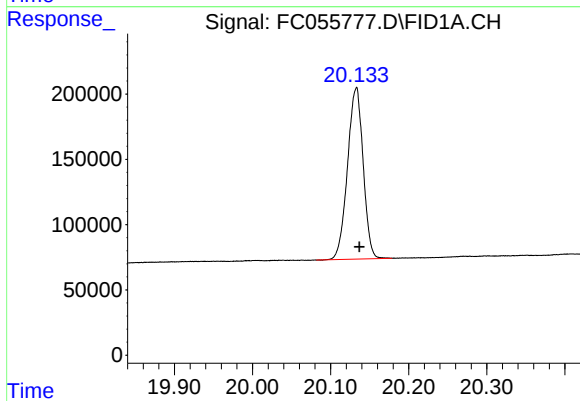
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: -0.005 min
Response: 1958878
Conc: 21.44 ug/ml



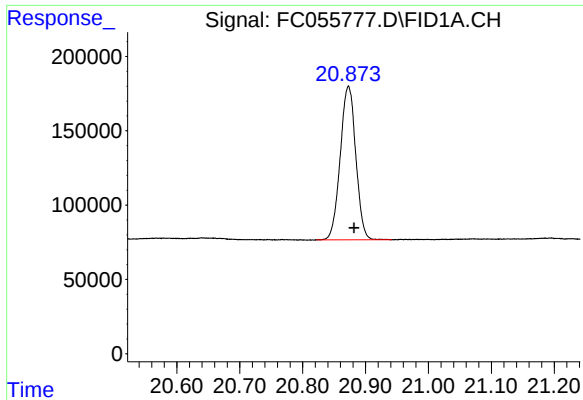
#19 n-Tetratriacontane (C34)

R.T.: 19.395 min
Delta R.T.: -0.006 min
Response: 1903701
Conc: 22.04 ug/ml



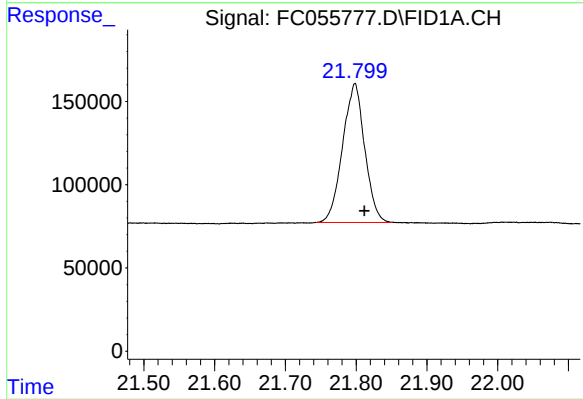
#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: -0.004 min
Response: 1825328
Conc: 21.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.873 min
Delta R.T.: -0.009 min
Response: 1773542
Conc: 23.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.799 min
Delta R.T.: -0.013 min
Response: 1810119
Conc: 25.84 ug/ml m