

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092421AL\
 Data File : FC055822.D
 Signal(s) : FID1A.CH
 Acq On : 25 Sep 2021 00:10
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 25 00:47:02 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)	11.646	2422087	19.180 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.078	1894412	19.172 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
Target Compounds			
1) T n-Nonane (C9)	3.399	2245143	20.202 ug/ml
2) T n-Decane (C10)	4.467	2298317	20.519 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2587524	20.612 ug/ml
4) T n-Dodecane (C12)	6.486	2336465	20.880 ug/ml
5) T A~2-methylnaphthalene...	7.115	2606478	20.615 ug/ml
6) T n-Tetradecane (C14)	8.282	2377107	21.000 ug/ml
7) T n-Hexadecane (C16)	9.883	2369691	20.741 ug/ml
8) T n-Octadecane (C18)	11.324	2382116	20.076 ug/ml
10) T n-Eicosane (C20)	12.633	2284507	19.354 ug/ml
11) T n-Heneicosane (C21)	13.244	2265833	18.992 ug/ml
13) T n-Docosane (C22)	13.830	2209816	18.652 ug/ml
14) T n-Tetracosane (C24)	14.932	2150749	18.176 ug/ml
15) T n-Hexacosane (C26)	15.951	2013811	17.674 ug/ml
16) T n-Octacosane (C28)	16.899	1952728	17.952 ug/ml
17) T n-Tricontane (C30)	17.786	1912346	18.904 ug/ml
18) T n-Dotriacontane (C32)	18.616	1854623	20.297 ug/ml
19) T n-Tetratriacontane (C34)	19.400	1808489	20.942 ug/ml
20) T n-Hexatriacontane (C36)	20.136	1743565	20.500 ug/ml
21) T n-Octatriacontane (C38)	20.881	1698686	22.315 ug/ml
22) T n-Tetracontane (C40)	21.809	1738927	24.825 ug/ml

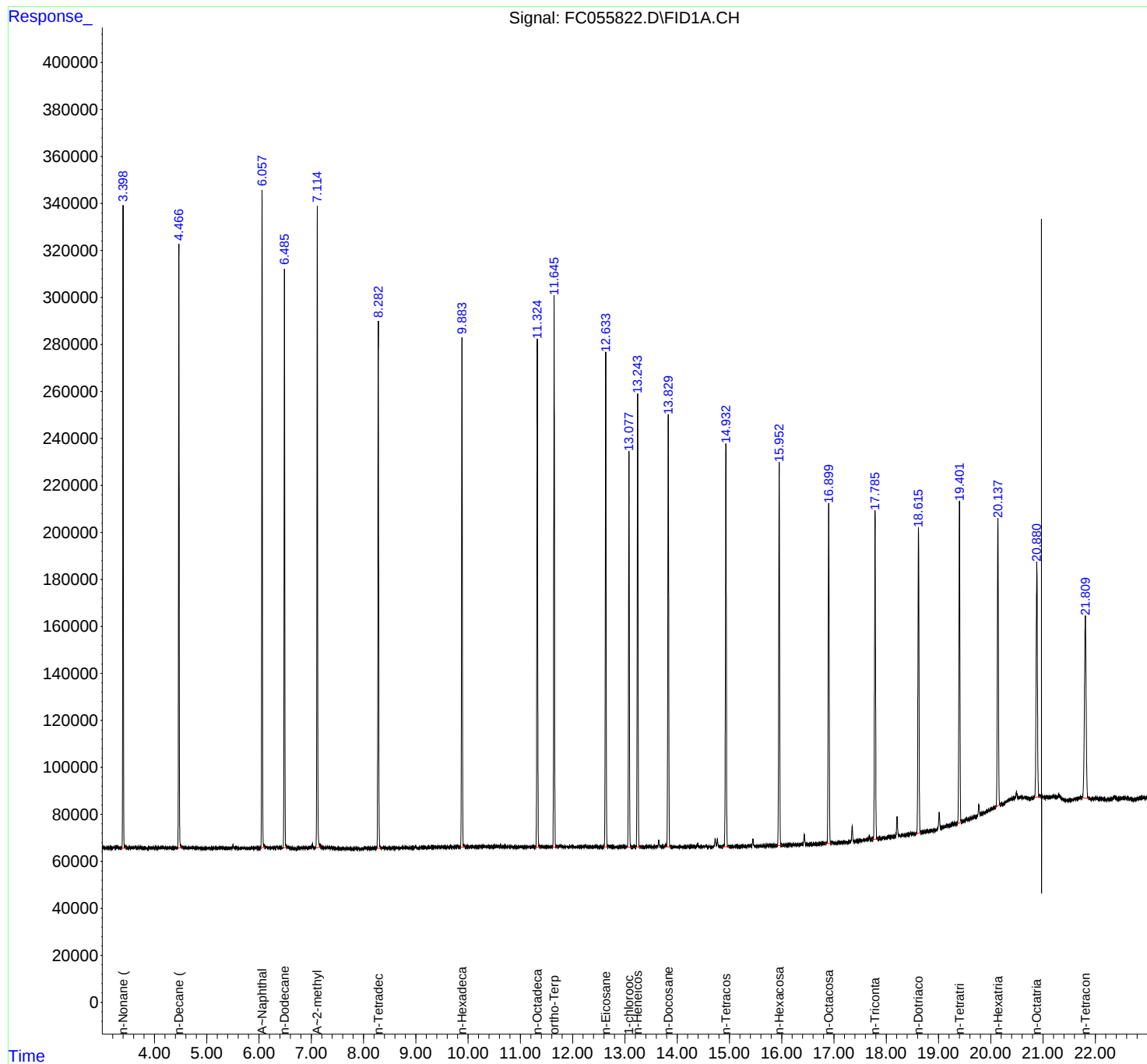
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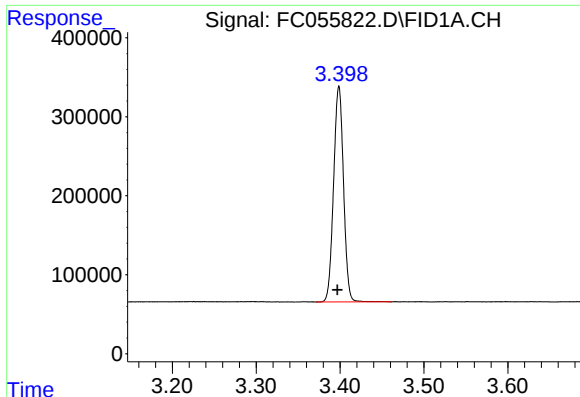
(m)=manual int.

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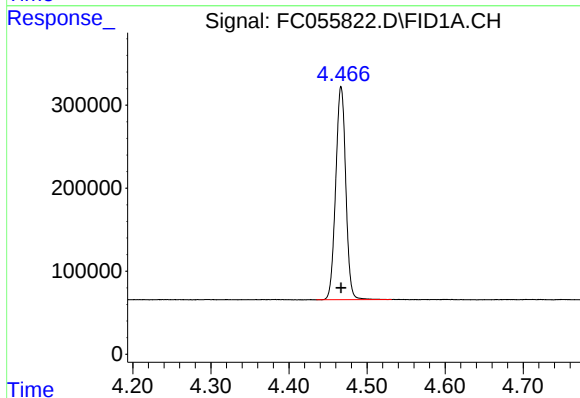
Volume Inj. : 1 uL
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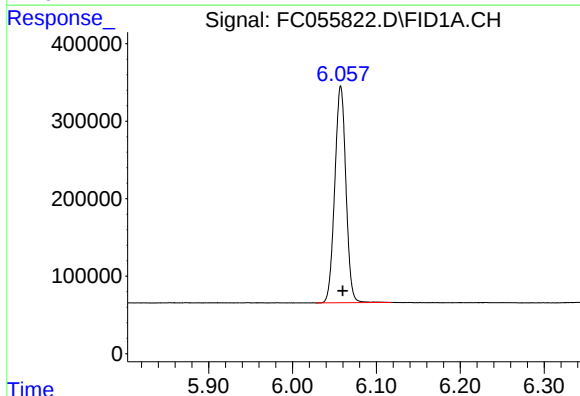
#1 n-Nonane (C9)

R.T.: 3.399 min
Delta R.T.: 0.002 min
Response: 2245143
Conc: 20.20 ug/ml



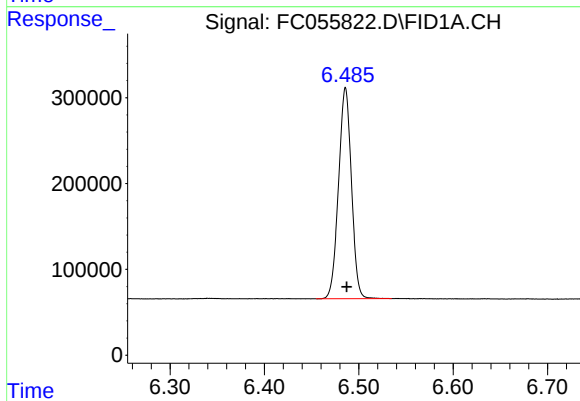
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 2298317
Conc: 20.52 ug/ml



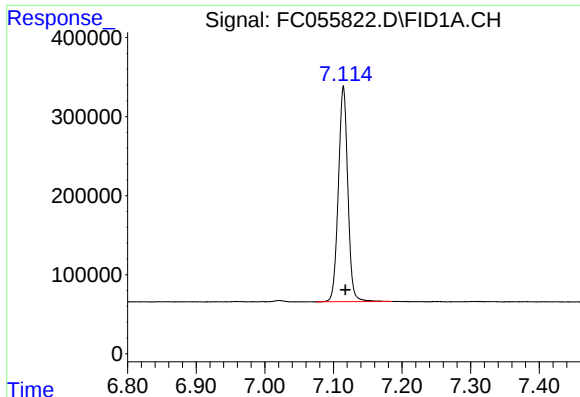
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 2587524
Conc: 20.61 ug/ml



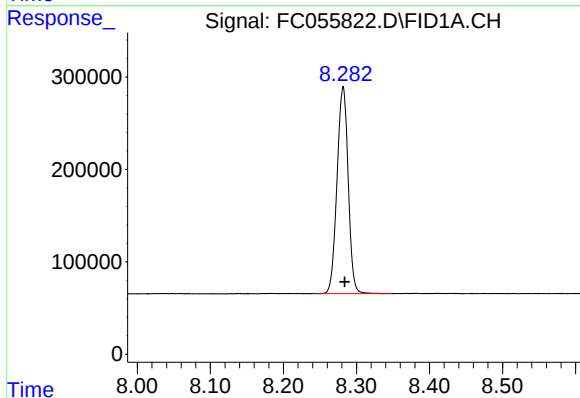
#4 n-Dodecane (C12)

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 2336465
Conc: 20.88 ug/ml



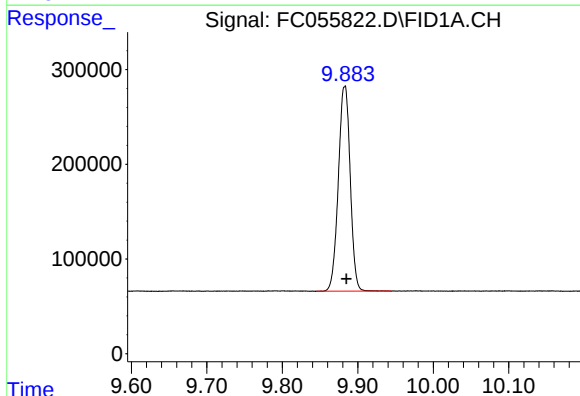
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 2606478
Conc: 20.62 ug/ml



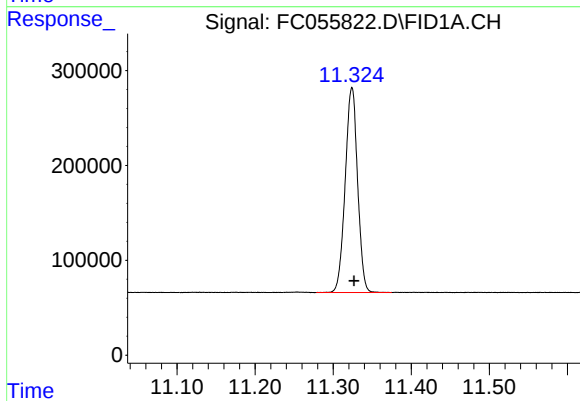
#6 n-Tetradecane (C14)

R.T.: 8.282 min
Delta R.T.: -0.002 min
Response: 2377107
Conc: 21.00 ug/ml



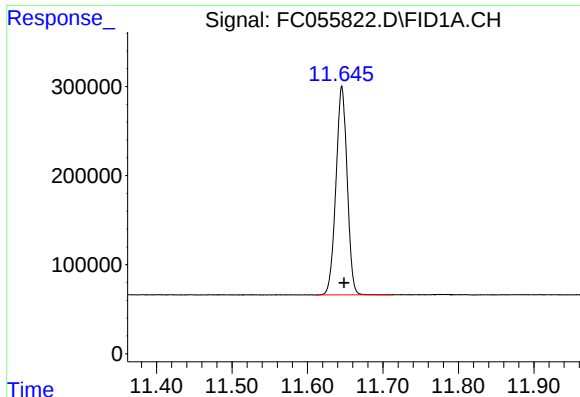
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.002 min
Response: 2369691
Conc: 20.74 ug/ml



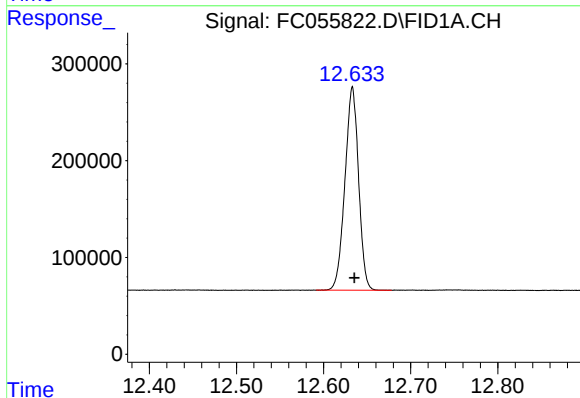
#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: -0.003 min
Response: 2382116
Conc: 20.08 ug/ml



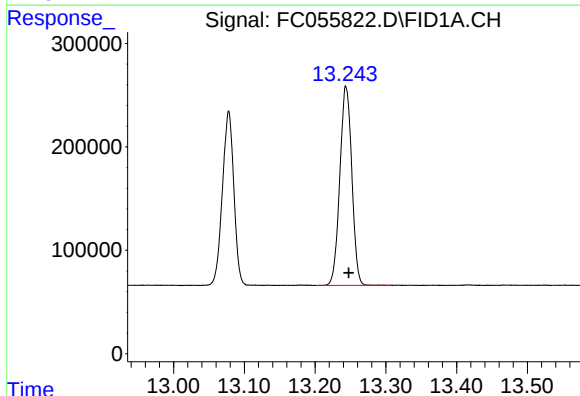
#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: -0.003 min
Response: 2422087
Conc: 19.18 ug/ml



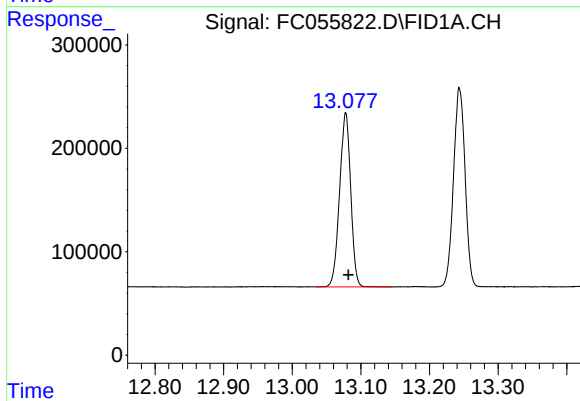
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: -0.002 min
Response: 2284507
Conc: 19.35 ug/ml



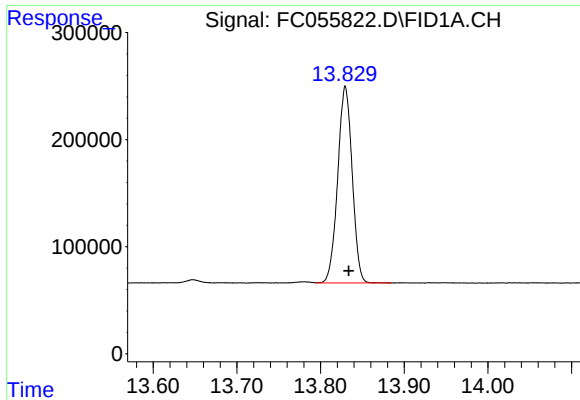
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.004 min
Response: 2265833
Conc: 18.99 ug/ml



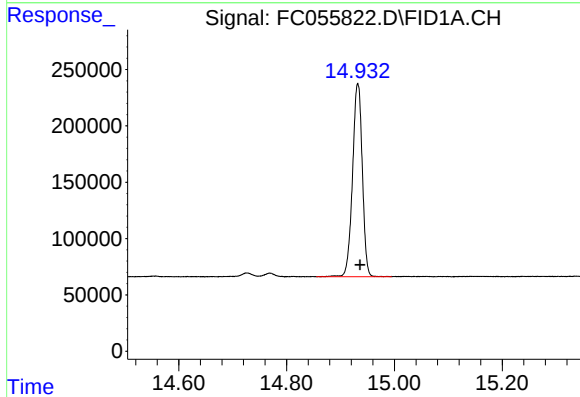
#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.004 min
Response: 1894412
Conc: 19.17 ug/ml



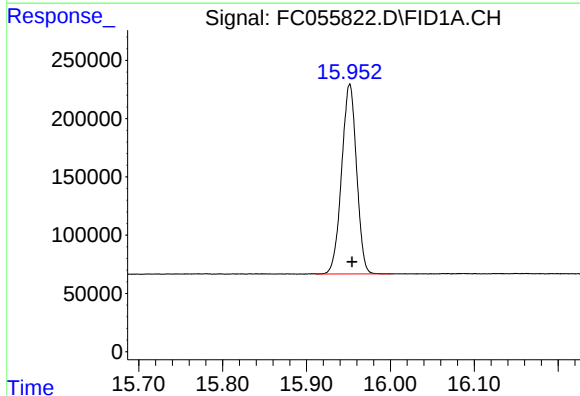
#13 n-Docosane (C22)

R.T.: 13.830 min
Delta R.T.: -0.004 min
Response: 2209816
Conc: 18.65 ug/ml



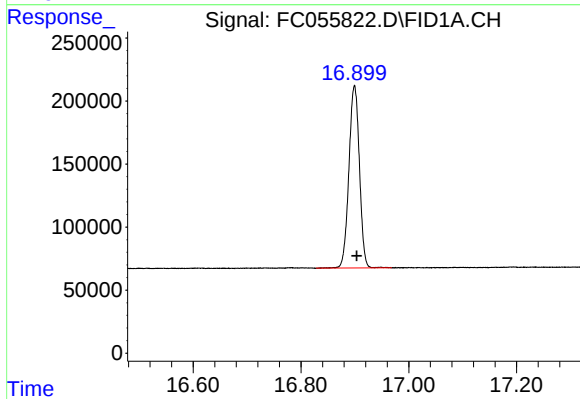
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.004 min
Response: 2150749
Conc: 18.18 ug/ml



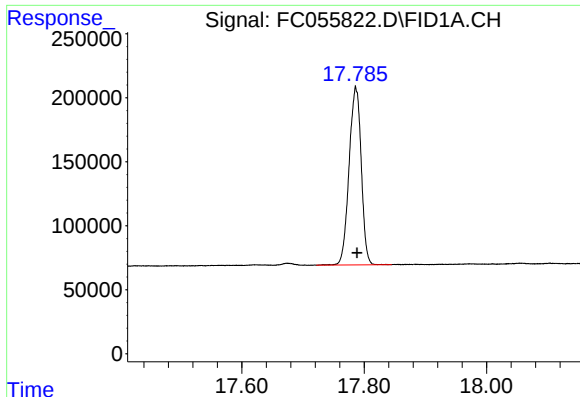
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: -0.003 min
Response: 2013811
Conc: 17.67 ug/ml



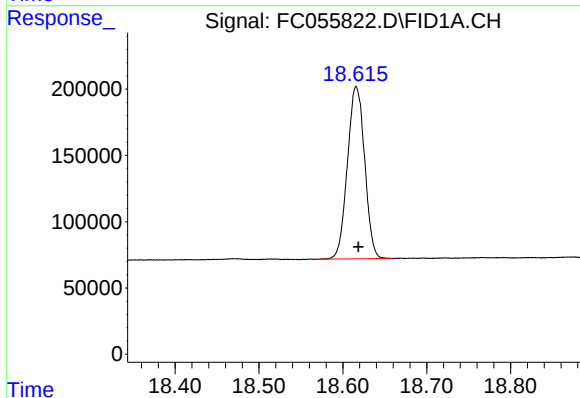
#16 n-Octacosane (C28)

R.T.: 16.899 min
Delta R.T.: -0.004 min
Response: 1952728
Conc: 17.95 ug/ml



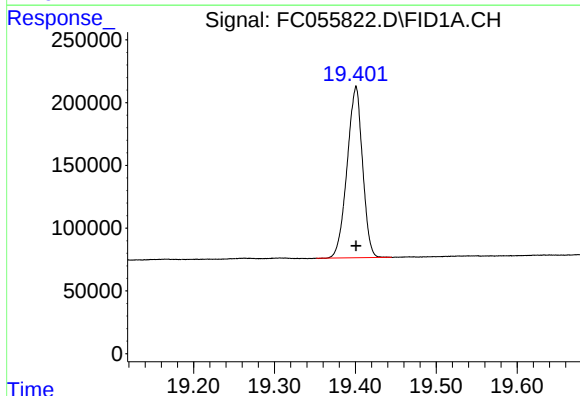
#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: -0.002 min
Response: 1912346
Conc: 18.90 ug/ml



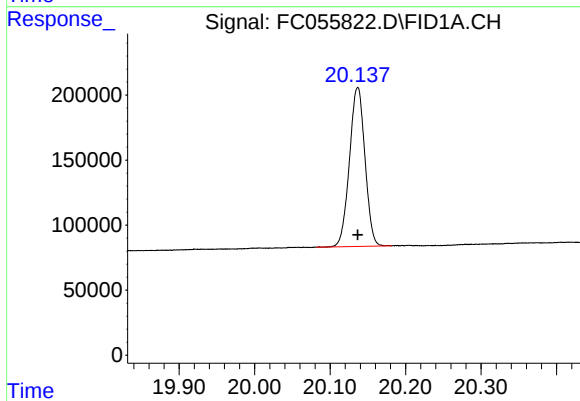
#18 n-Dotriacontane (C32)

R.T.: 18.616 min
Delta R.T.: -0.003 min
Response: 1854623
Conc: 20.30 ug/ml



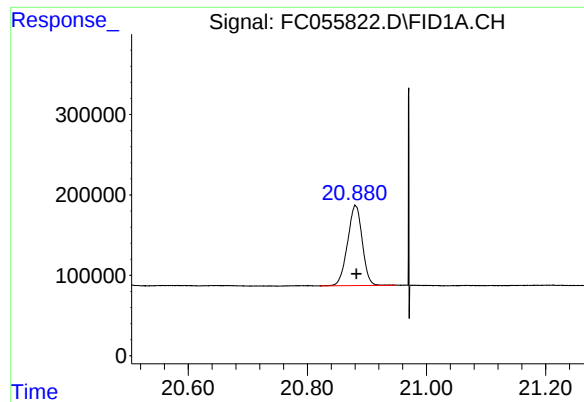
#19 n-Tetratriacontane (C34)

R.T.: 19.400 min
Delta R.T.: 0.000 min
Response: 1808489
Conc: 20.94 ug/ml



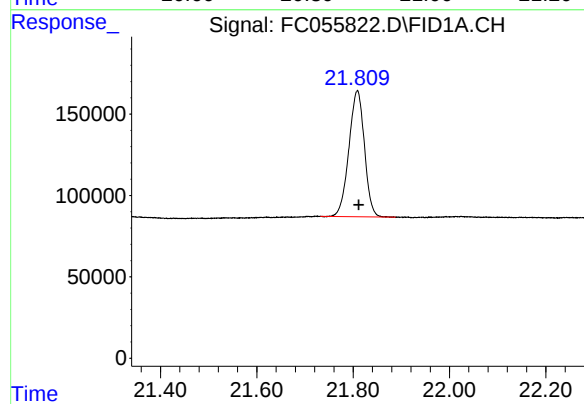
#20 n-Hexatriacontane (C36)

R.T.: 20.136 min
Delta R.T.: 0.000 min
Response: 1743565
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.881 min
Delta R.T.: -0.001 min
Response: 1698686
Conc: 22.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.809 min
Delta R.T.: -0.003 min
Response: 1738927
Conc: 24.83 ug/ml