

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081920AL\
 Data File : FC049105.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2020 22:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 20 02:02:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.682	2697902	22.707 ug/ml
Spiked Amount 50.000		Recovery =	45.41%
12) S 1-chlorooctadecane (S...	13.115	2183868	22.449 ug/ml
Spiked Amount 50.000		Recovery =	44.90%
Target Compounds			
1) T n-Nonane (C9)	3.411	2406334	23.072 ug/ml
2) T n-Decane (C10)	4.487	2468860	23.538 ug/ml
3) T A~Naphthalene (C11.7)	6.087	2796761	23.648 ug/ml
4) T n-Dodecane (C12)	6.514	2520755	23.766 ug/ml
5) T A~2-methylnaphthalene...	7.147	2865384	23.765 ug/ml
6) T n-Tetradecane (C14)	8.313	2519123	23.922 ug/ml
7) T n-Hexadecane (C16)	9.915	2493730	23.758 ug/ml
8) T n-Octadecane (C18)	11.360	2579180	23.477 ug/ml
10) T n-Eicosane (C20)	12.669	2566183	23.060 ug/ml
11) T n-Heneicosane (C21)	13.281	2526199	22.614 ug/ml
13) T n-Docosane (C22)	13.867	2518668	22.408 ug/ml
14) T n-Tetracosane (C24)	14.970	2478635	21.802 ug/ml
15) T n-Hexacosane (C26)	15.990	2369284	20.707 ug/ml
16) T n-Octacosane (C28)	16.939	2298696	19.758 ug/ml
17) T n-Tricontane (C30)	17.825	2274005	19.672 ug/ml
18) T n-Dotriacontane (C32)	18.656	2049354	18.953 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1924901	18.559 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1965991	19.773 ug/ml
21) T n-Octatriacontane (C38)	20.932	1890464	19.992 ug/ml
22) T n-Tetracontane (C40)	21.886	2002753	20.979 ug/ml

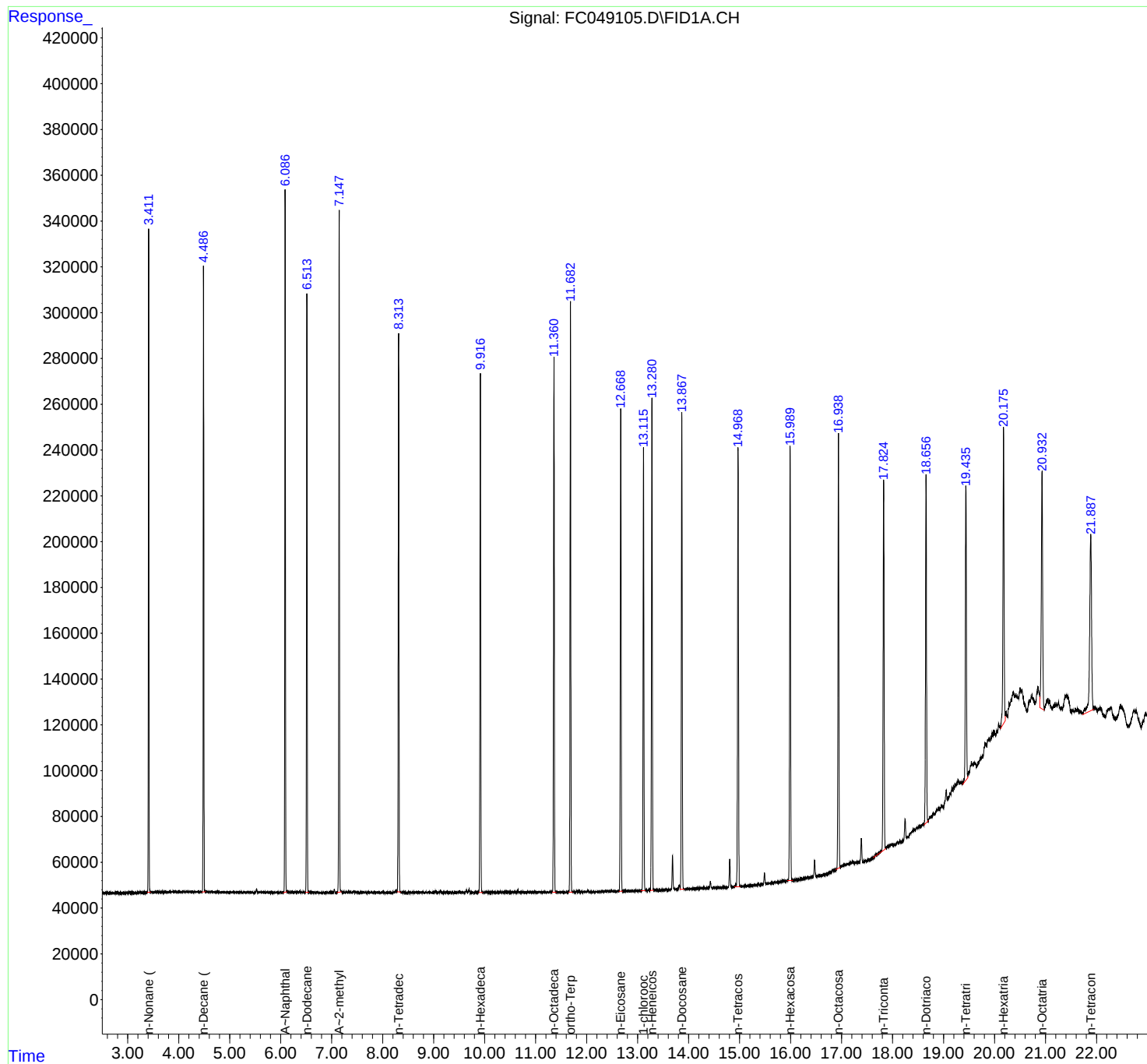
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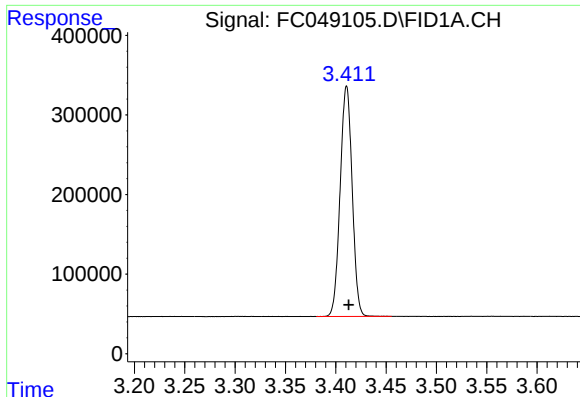
(m)=manual int.

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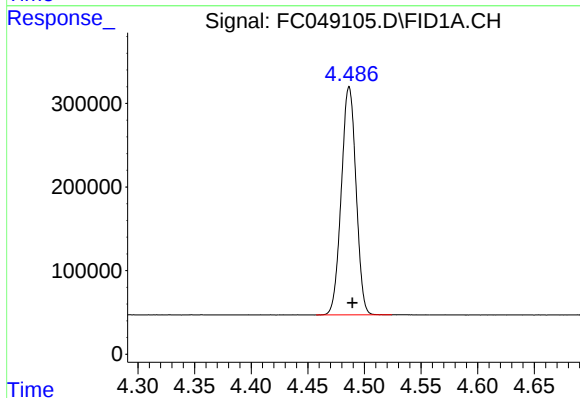
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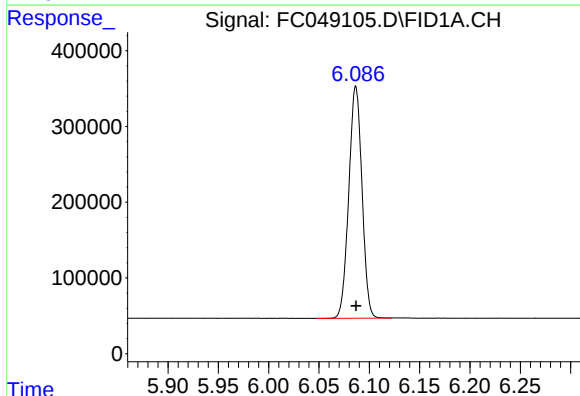
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: -0.002 min
Response: 2406334
Conc: 23.07 ug/ml



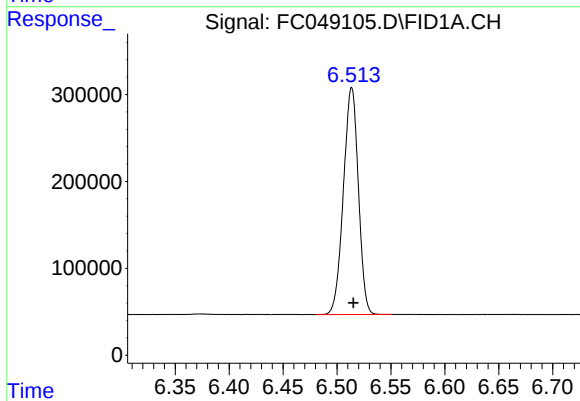
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2468860
Conc: 23.54 ug/ml



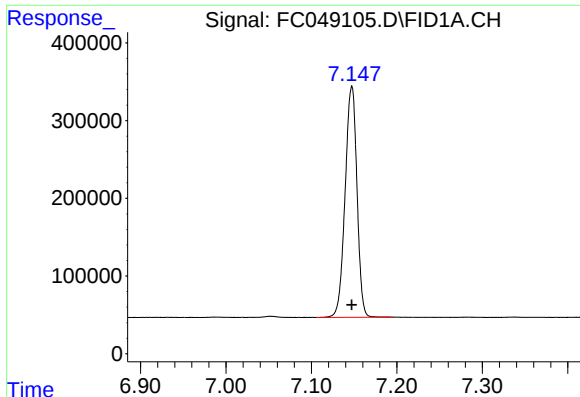
#3 A~Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 2796761
Conc: 23.65 ug/ml



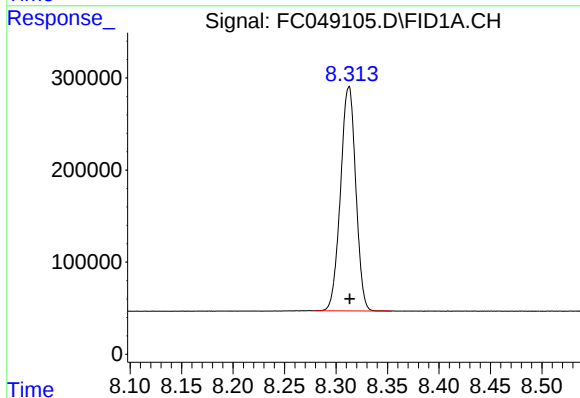
#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: -0.002 min
Response: 2520755
Conc: 23.77 ug/ml



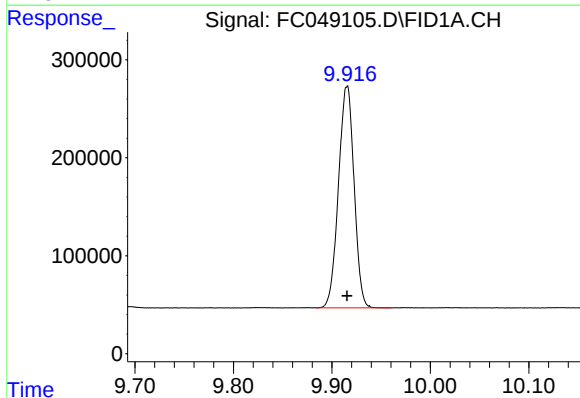
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 2865384
Conc: 23.77 ug/ml



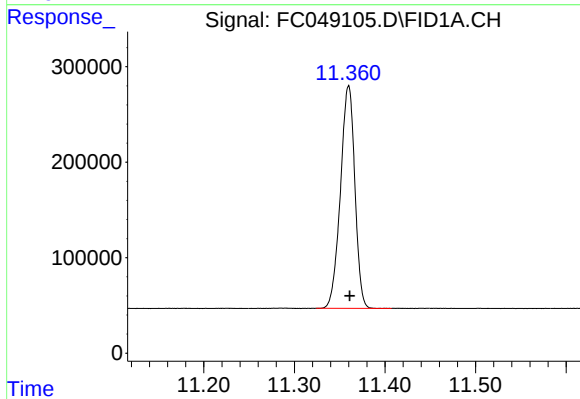
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 2519123
Conc: 23.92 ug/ml



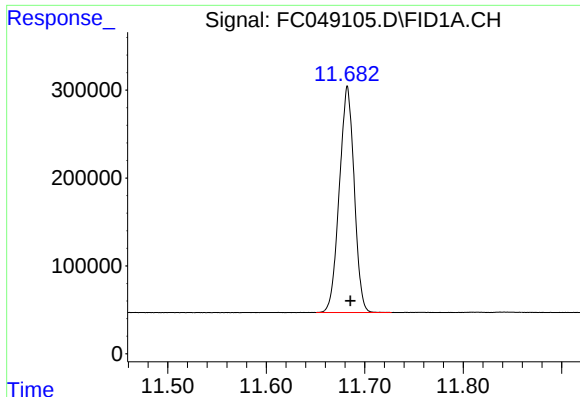
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2493730
Conc: 23.76 ug/ml



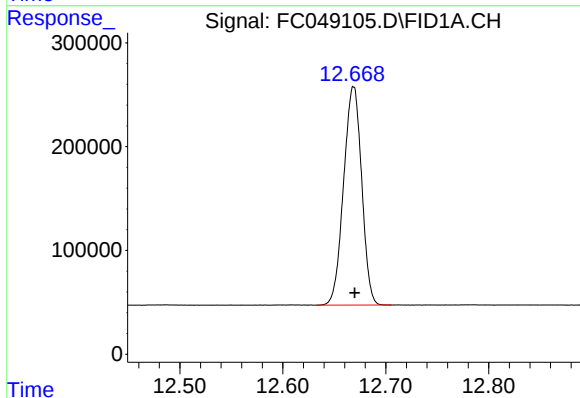
#8 n-Octadecane (C18)

R.T.: 11.360 min
Delta R.T.: -0.001 min
Response: 2579180
Conc: 23.48 ug/ml



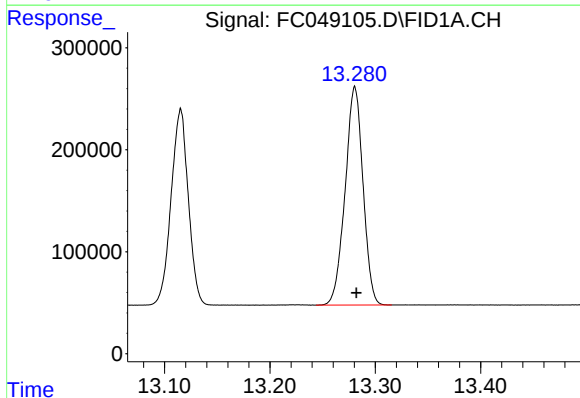
#9 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: -0.003 min
Response: 2697902
Conc: 22.71 ug/ml



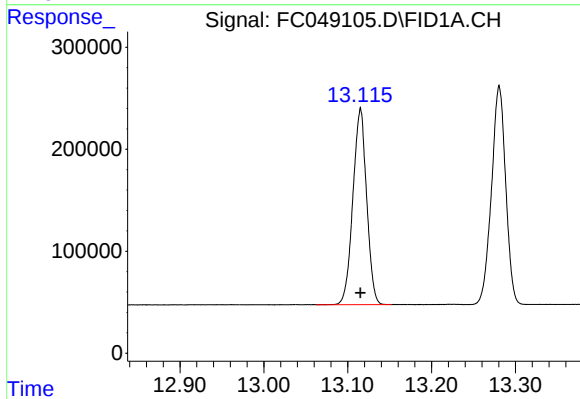
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.001 min
Response: 2566183
Conc: 23.06 ug/ml



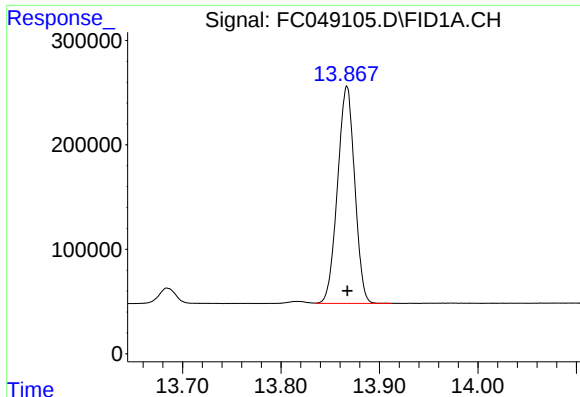
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: -0.001 min
Response: 2526199
Conc: 22.61 ug/ml



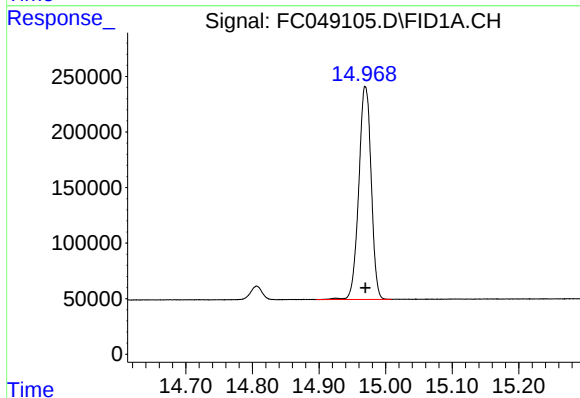
#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.000 min
Response: 2183868
Conc: 22.45 ug/ml



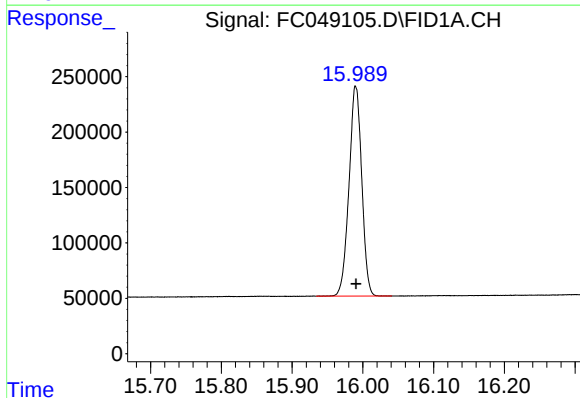
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.000 min
Response: 2518668
Conc: 22.41 ug/ml



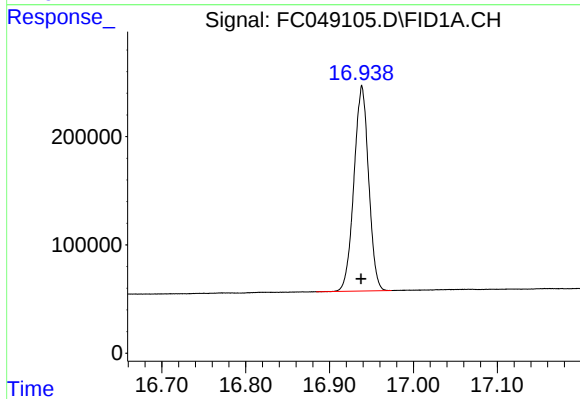
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: 0.000 min
Response: 2478635
Conc: 21.80 ug/ml



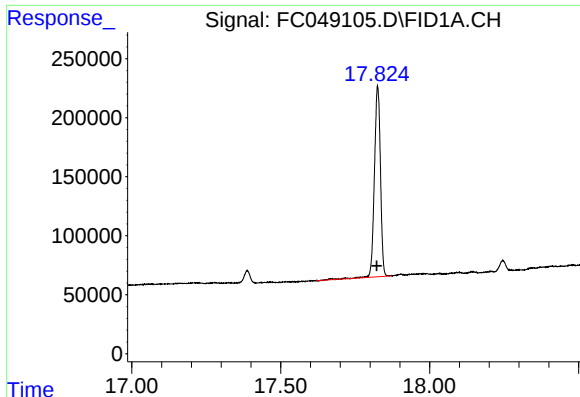
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: 0.000 min
Response: 2369284
Conc: 20.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: 0.001 min
Response: 2298696
Conc: 19.76 ug/ml



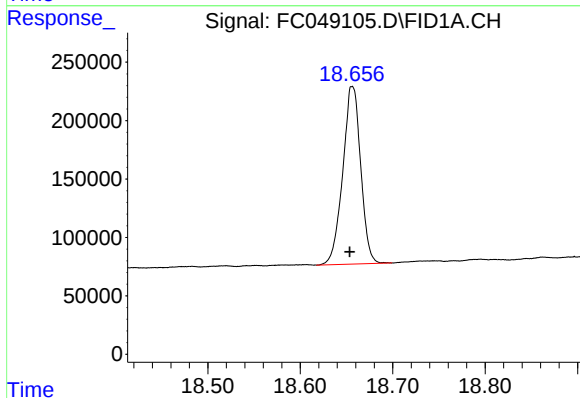
#17 n-Tricontane (C30)

R.T.: 17.825 min

Delta R.T.: 0.003 min

Response: 2274005

Conc: 19.67 ug/ml



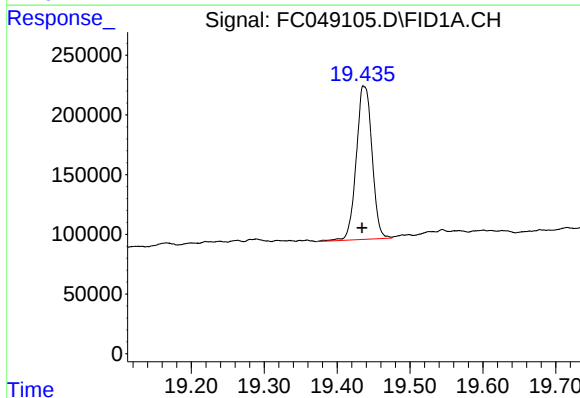
#18 n-Dotriacontane (C32)

R.T.: 18.656 min

Delta R.T.: 0.003 min

Response: 2049354

Conc: 18.95 ug/ml



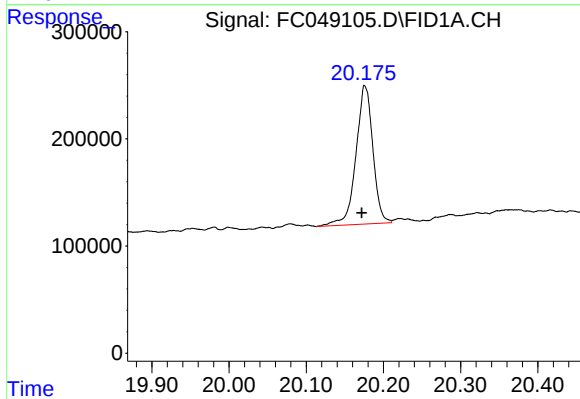
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min

Delta R.T.: 0.003 min

Response: 1924901

Conc: 18.56 ug/ml



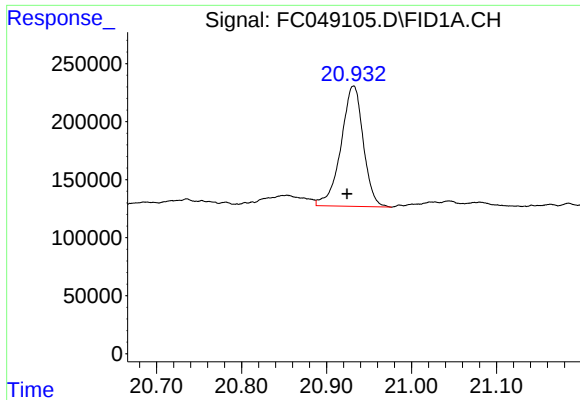
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min

Delta R.T.: 0.004 min

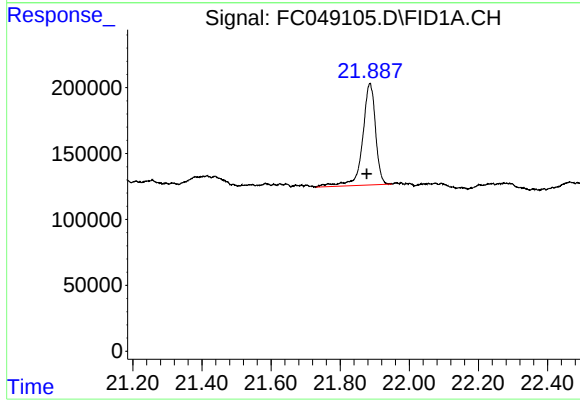
Response: 1965991

Conc: 19.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: 0.008 min
Response: 1890464
Conc: 19.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: 0.009 min
Response: 2002753
Conc: 20.98 ug/ml