

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091621AL\
 Data File : FC055667.D
 Signal(s) : FID1A.CH
 Acq On : 16 Sep 2021 10:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 17 02:04:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.653	2420169	19.373 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	13.085	1857695	18.771 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.397	2442867	22.599 ug/ml
2) T n-Decane (C10)	4.467	2498468	22.913 ug/ml
3) T A~Naphthalene (C11.7)	6.061	2773754	22.510 ug/ml
4) T n-Dodecane (C12)	6.490	2498348	22.817 ug/ml
5) T A~2-methylnaphthalene...	7.119	2767766	22.241 ug/ml
6) T n-Tetradecane (C14)	8.286	2497110	22.420 ug/ml
7) T n-Hexadecane (C16)	9.888	2436798	21.562 ug/ml
8) T n-Octadecane (C18)	11.331	2389012	20.519 ug/ml
10) T n-Eicosane (C20)	12.640	2256697	19.313 ug/ml
11) T n-Heneicosane (C21)	13.252	2223924	18.896 ug/ml
13) T n-Docosane (C22)	13.838	2159351	18.511 ug/ml
14) T n-Tetracosane (C24)	14.940	2060785	17.695 ug/ml
15) T n-Hexacosane (C26)	15.960	1965318	17.349 ug/ml
16) T n-Octacosane (C28)	16.908	1927634	17.420 ug/ml
17) T n-Tricontane (C30)	17.794	1916744	18.026 ug/ml
18) T n-Dotriacontane (C32)	18.625	1903816	18.996 ug/ml
19) T n-Tetratriacontane (C34)	19.407	1884044	19.962 ug/ml
20) T n-Hexatriacontane (C36)	20.144	1820203	20.964 ug/mlm
21) T n-Octatriacontane (C38)	20.889	1786858	21.922 ug/mlm
22) T n-Tetracontane (C40)	21.820	1758848	21.899 ug/ml

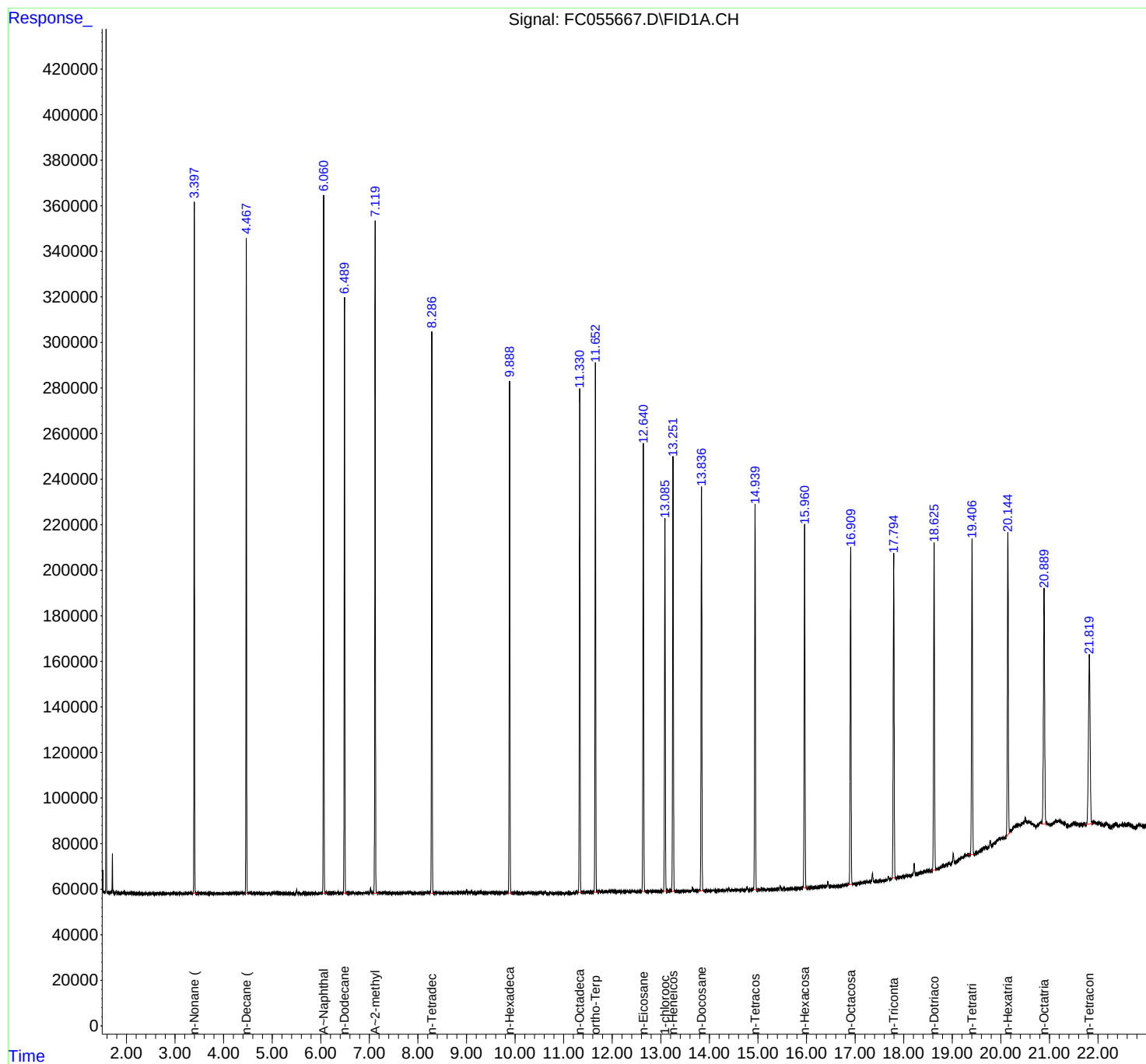
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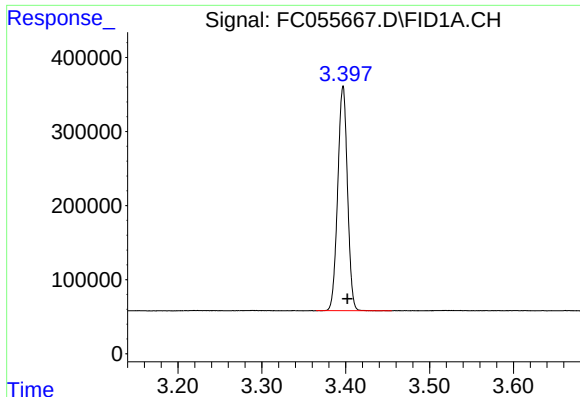
(m)=manual int.

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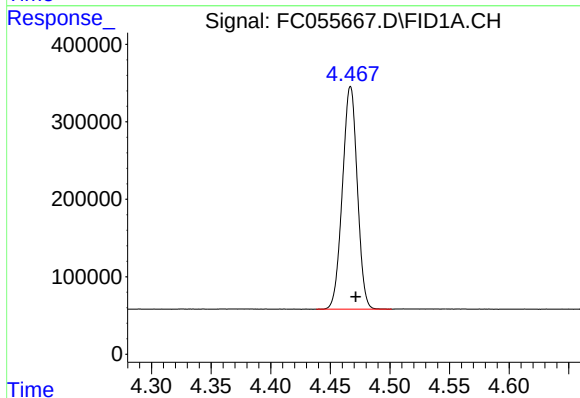
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Signal Info : 20M x 0.18mm x 0.18um





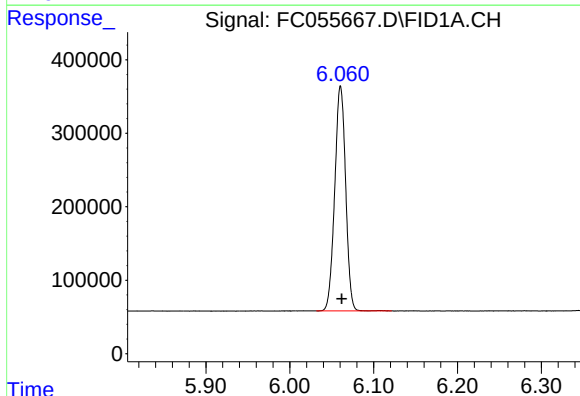
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.005 min
Response: 2442867
Conc: 22.60 ug/ml



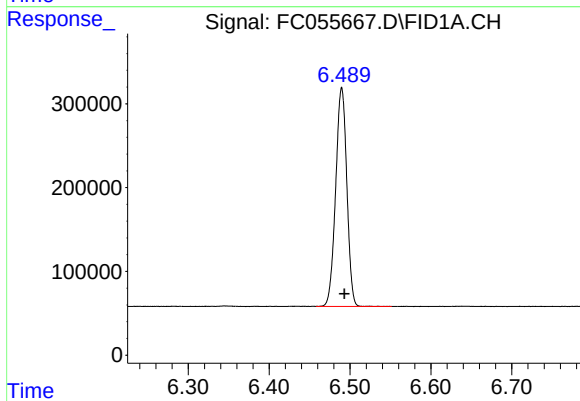
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.004 min
Response: 2498468
Conc: 22.91 ug/ml



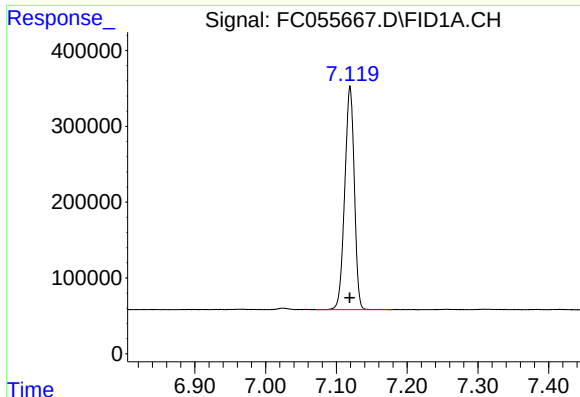
#3 A~Naphthalene (C11.7)

R.T.: 6.061 min
Delta R.T.: -0.001 min
Response: 2773754
Conc: 22.51 ug/ml



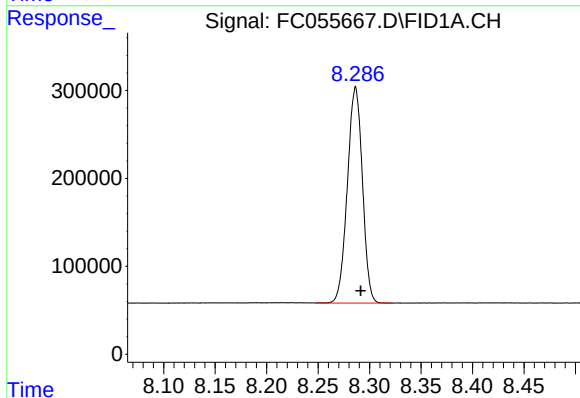
#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 2498348
Conc: 22.82 ug/ml



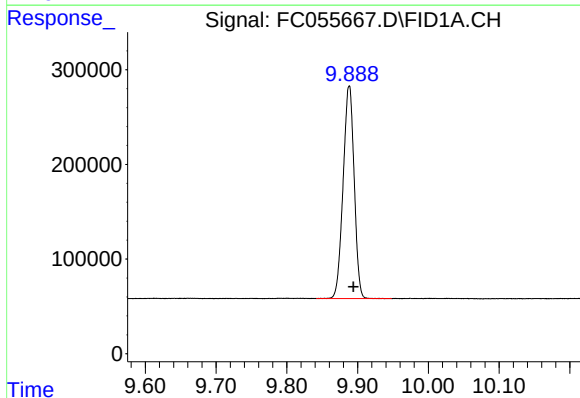
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 2767766
Conc: 22.24 ug/ml



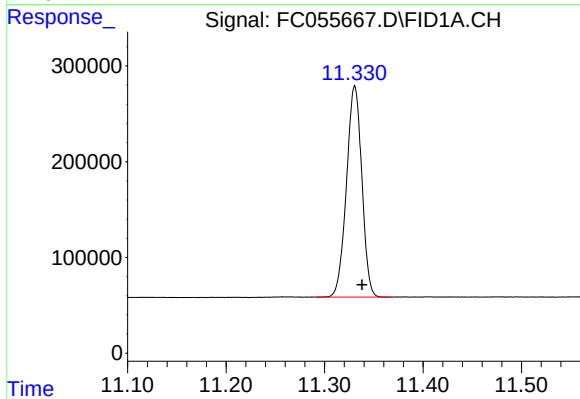
#6 n-Tetradecane (C14)

R.T.: 8.286 min
Delta R.T.: -0.005 min
Response: 2497110
Conc: 22.42 ug/ml



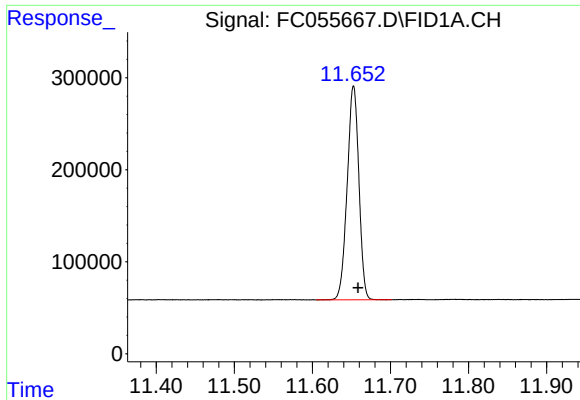
#7 n-Hexadecane (C16)

R.T.: 9.888 min
Delta R.T.: -0.006 min
Response: 2436798
Conc: 21.56 ug/ml



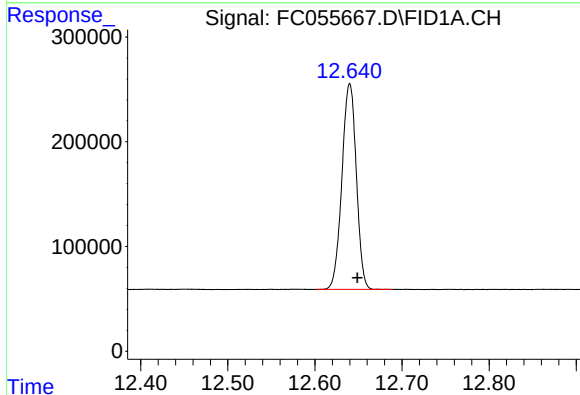
#8 n-Octadecane (C18)

R.T.: 11.331 min
Delta R.T.: -0.008 min
Response: 2389012
Conc: 20.52 ug/ml



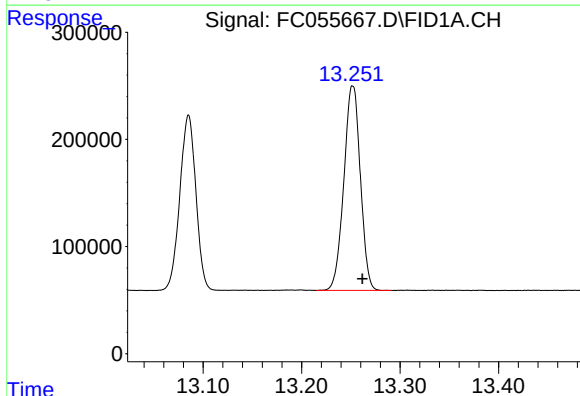
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.006 min
Response: 2420169
Conc: 19.37 ug/ml



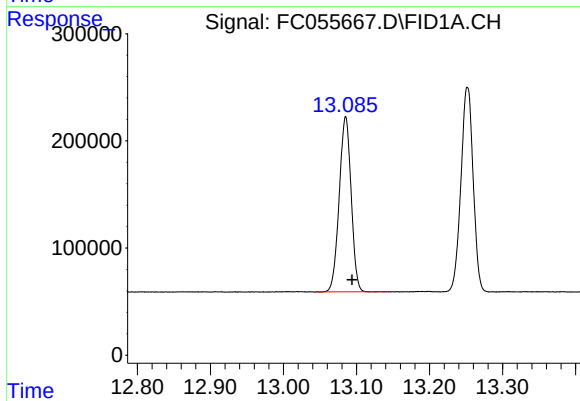
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: -0.009 min
Response: 2256697
Conc: 19.31 ug/ml



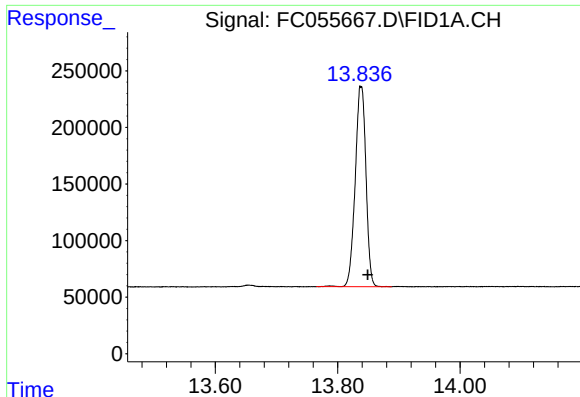
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: -0.010 min
Response: 2223924
Conc: 18.90 ug/ml



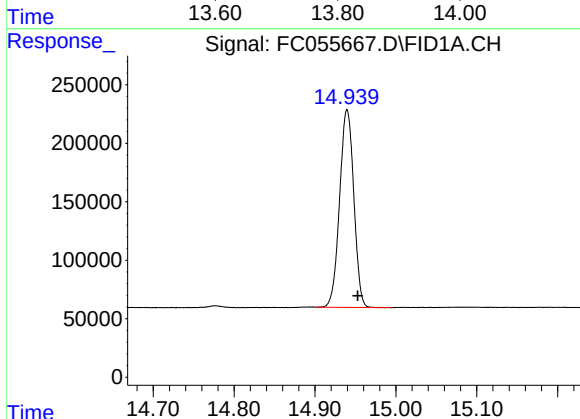
#12 1-chlorooctadecane (SURR)

R.T.: 13.085 min
Delta R.T.: -0.009 min
Response: 1857695
Conc: 18.77 ug/ml



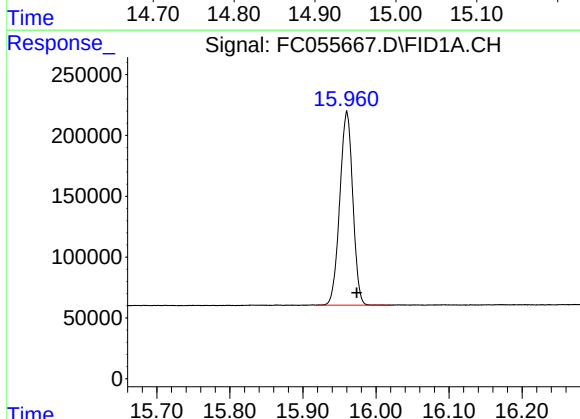
#13 n-Docosane (C22)

R.T.: 13.838 min
Delta R.T.: -0.011 min
Response: 2159351
Conc: 18.51 ug/ml



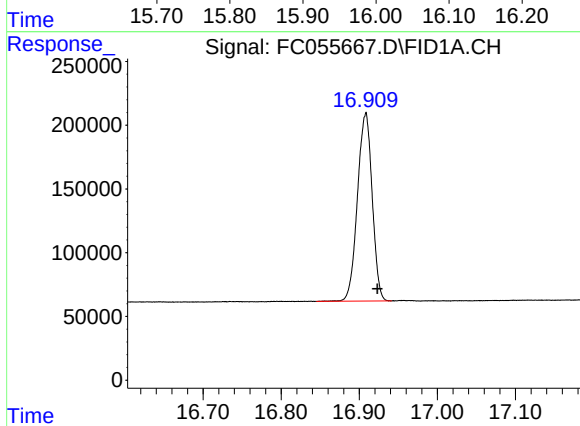
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: -0.013 min
Response: 2060785
Conc: 17.70 ug/ml



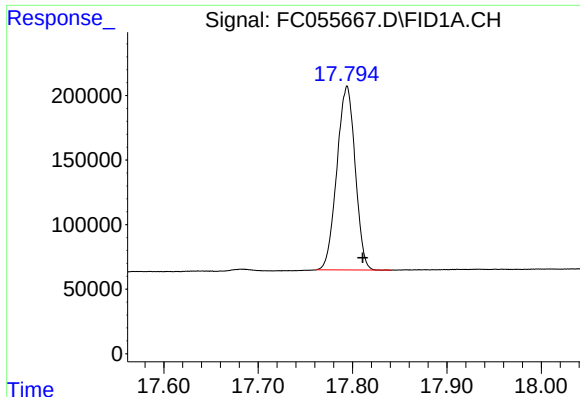
#15 n-Hexacosane (C26)

R.T.: 15.960 min
Delta R.T.: -0.013 min
Response: 1965318
Conc: 17.35 ug/ml



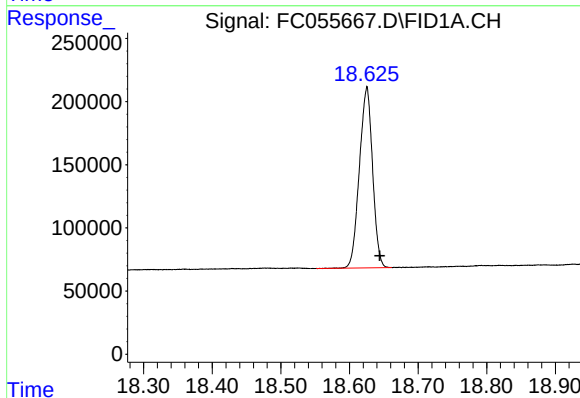
#16 n-Octacosane (C28)

R.T.: 16.908 min
Delta R.T.: -0.016 min
Response: 1927634
Conc: 17.42 ug/ml



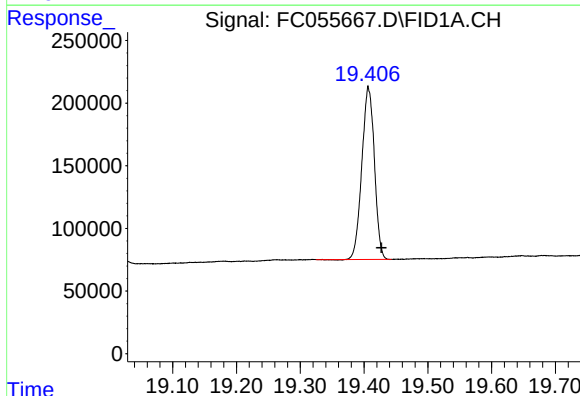
#17 n-Tricontane (C30)

R.T.: 17.794 min
Delta R.T.: -0.017 min
Response: 1916744
Conc: 18.03 ug/ml



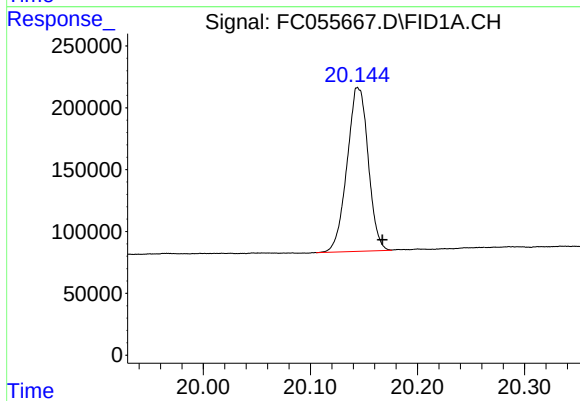
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: -0.019 min
Response: 1903816
Conc: 19.00 ug/ml



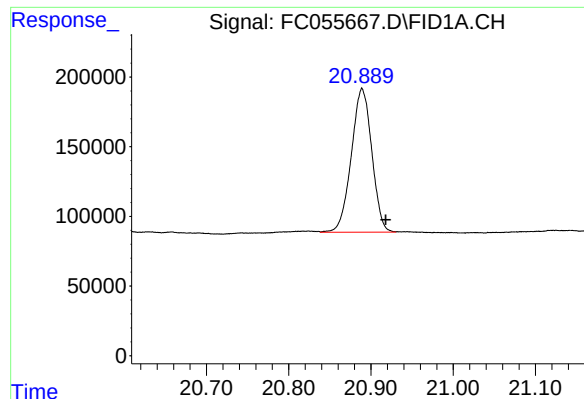
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min
Delta R.T.: -0.020 min
Response: 1884044
Conc: 19.96 ug/ml



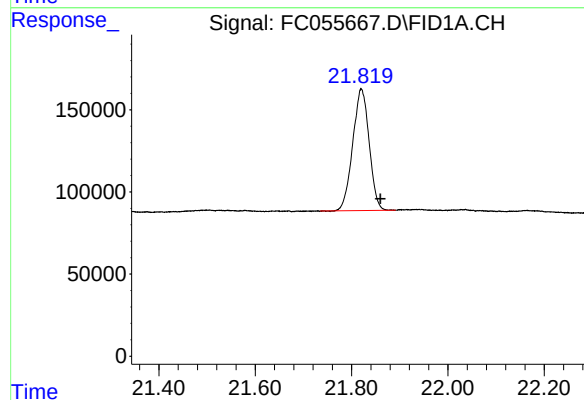
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: -0.023 min
Response: 1820203
Conc: 20.96 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.889 min
Delta R.T.: -0.030 min
Response: 1786858
Conc: 21.92 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.820 min
Delta R.T.: -0.039 min
Response: 1758848
Conc: 21.90 ug/ml