

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110821AL\
 Data File : FC056671.D
 Signal(s) : FID1A.CH
 Acq On : 08 Nov 2021 13:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 09 00:39:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.615	2328729	18.808 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
12) S 1-chlorooctadecane (S...	13.045	1806323	18.772 ug/ml
Spiked Amount 50.000		Recovery =	37.54%
Target Compounds			
1) T n-Nonane (C9)	3.375	2328971	21.518 ug/ml
2) T n-Decane (C10)	4.442	2327229	21.605 ug/ml
3) T A~Naphthalene (C11.7)	6.032	2601018	21.334 ug/ml
4) T n-Dodecane (C12)	6.460	2349340	21.311 ug/ml
5) T A~2-methylnaphthalene...	7.090	2536732	20.715 ug/ml
6) T n-Tetradecane (C14)	8.254	2342235	20.863 ug/ml
7) T n-Hexadecane (C16)	9.854	2311645	20.333 ug/ml
8) T n-Octadecane (C18)	11.294	2310664	19.773 ug/ml
10) T n-Eicosane (C20)	12.601	2197808	19.123 ug/ml
11) T n-Heneicosane (C21)	13.211	2186775	19.028 ug/ml
13) T n-Docosane (C22)	13.796	2112189	18.761 ug/ml
14) T n-Tetracosane (C24)	14.895	2033109	18.449 ug/ml
15) T n-Hexacosane (C26)	15.913	1943097	18.410 ug/ml
16) T n-Octacosane (C28)	16.860	1895094	18.270 ug/ml
17) T n-Tricontane (C30)	17.743	1851852	17.874 ug/ml
18) T n-Dotriacontane (C32)	18.571	1855305	19.365 ug/ml
19) T n-Tetratriacontane (C34)	19.351	1855997	21.161 ug/ml
20) T n-Hexatriacontane (C36)	20.087	2004749	24.493 ug/ml
21) T n-Octatriacontane (C38)	20.821	1936162	24.209 ug/ml
22) T n-Tetracontane (C40)	21.734	1968815	23.896 ug/ml

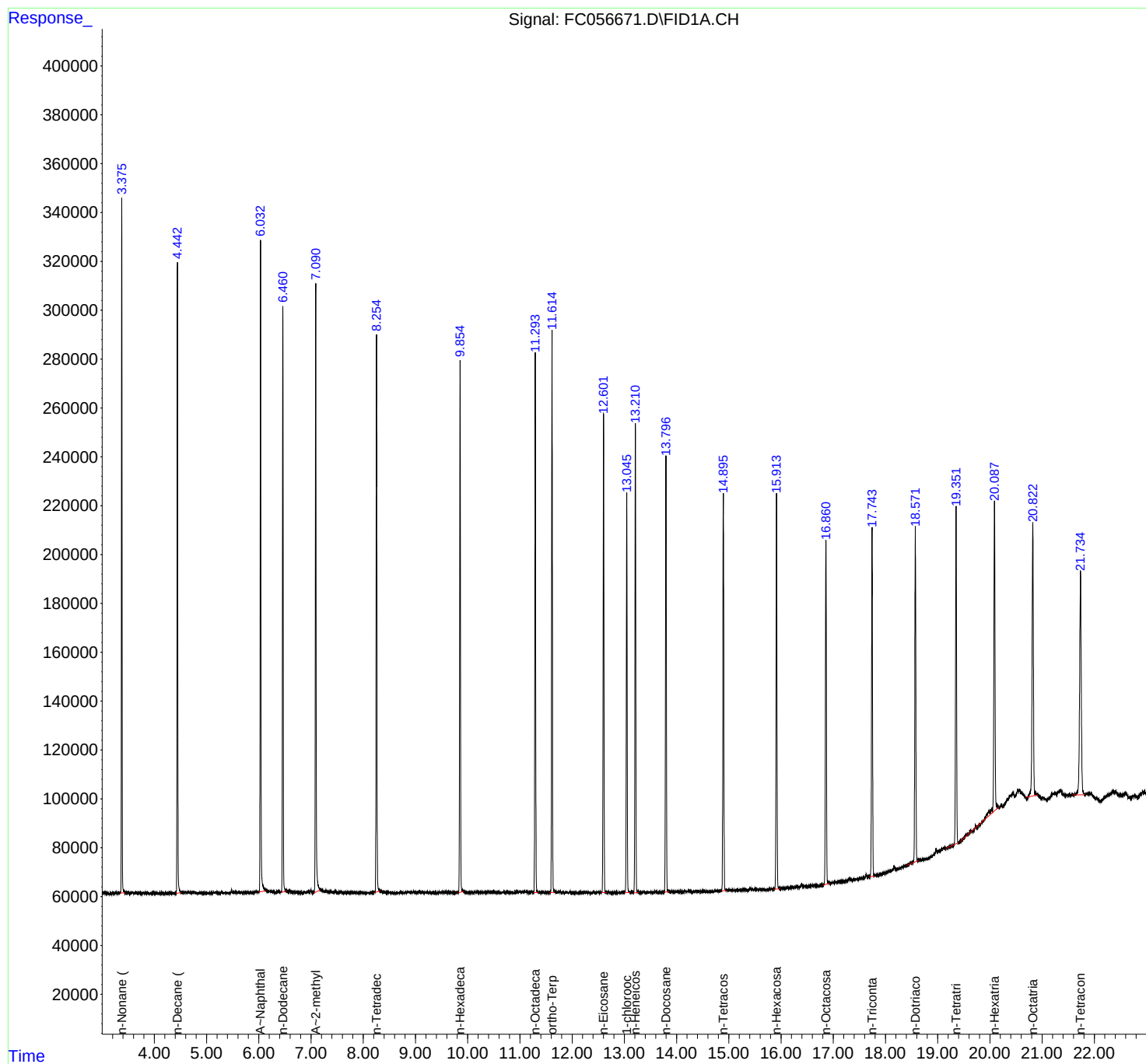
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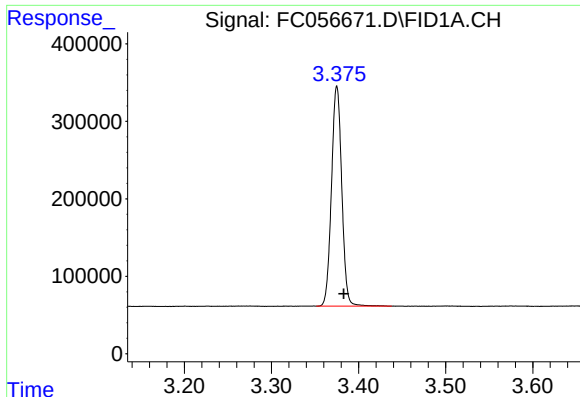
(m)=manual int.

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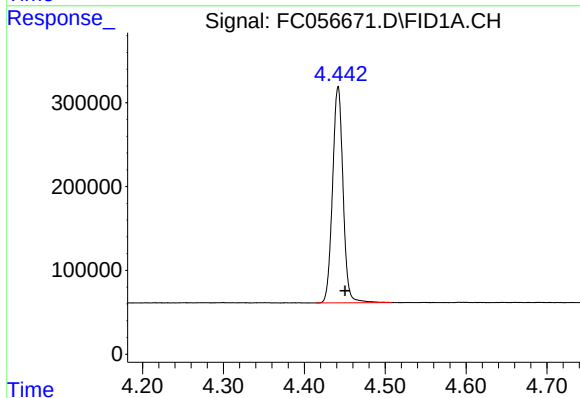
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





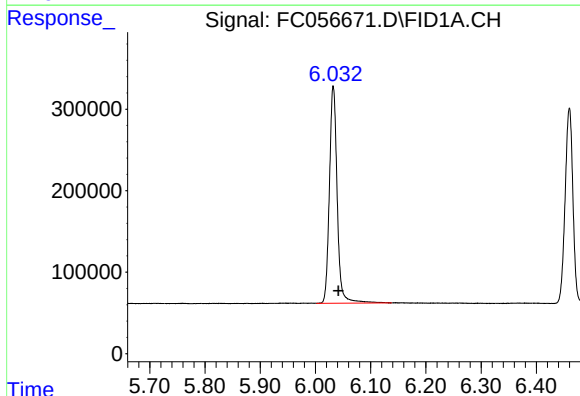
#1 n-Nonane (C9)

R.T.: 3.375 min
Delta R.T.: -0.008 min
Response: 2328971
Conc: 21.52 ug/ml



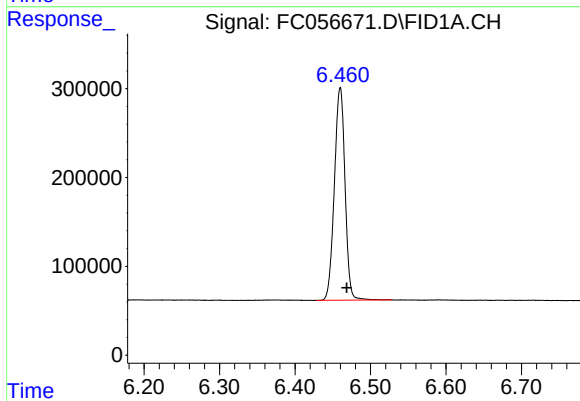
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.009 min
Response: 2327229
Conc: 21.60 ug/ml



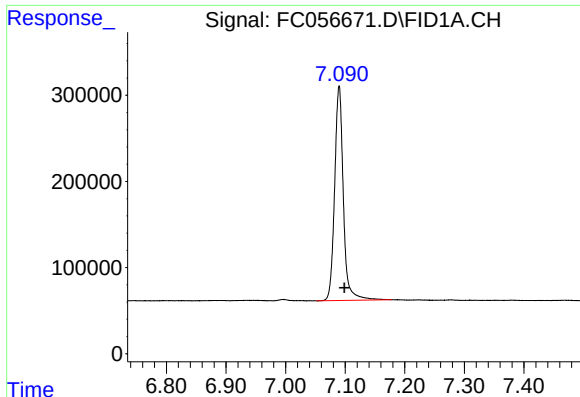
#3 A~Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.010 min
Response: 2601018
Conc: 21.33 ug/ml



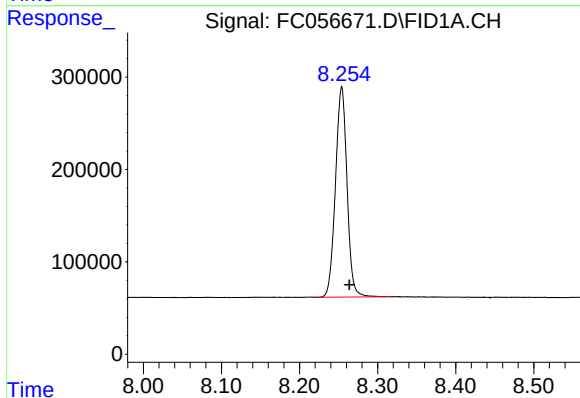
#4 n-Dodecane (C12)

R.T.: 6.460 min
Delta R.T.: -0.009 min
Response: 2349340
Conc: 21.31 ug/ml



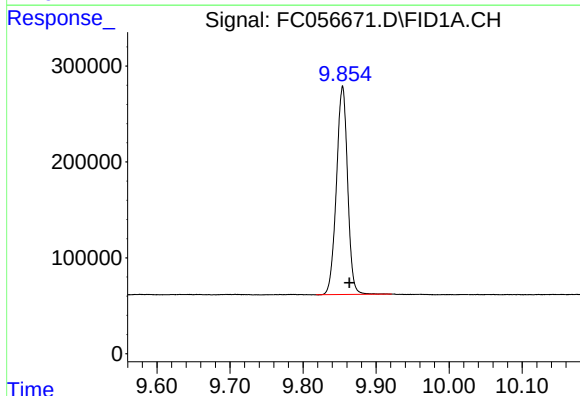
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.009 min
Response: 2536732
Conc: 20.71 ug/ml



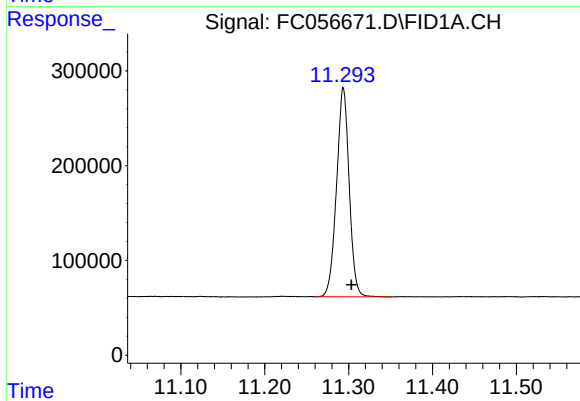
#6 n-Tetradecane (C14)

R.T.: 8.254 min
Delta R.T.: -0.010 min
Response: 2342235
Conc: 20.86 ug/ml



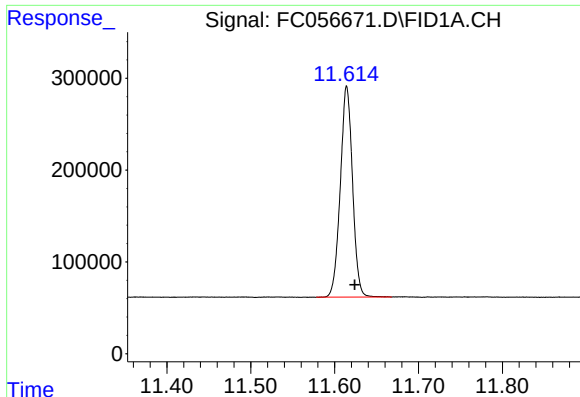
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: -0.010 min
Response: 2311645
Conc: 20.33 ug/ml



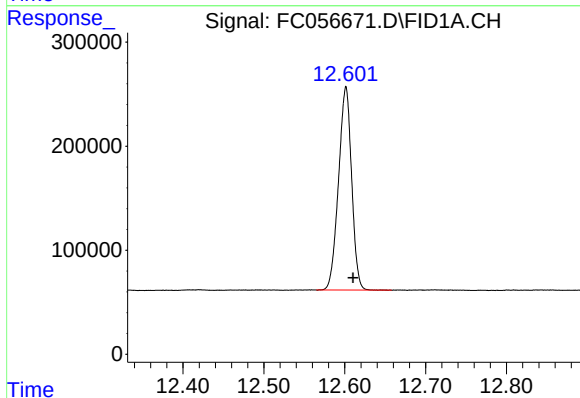
#8 n-Octadecane (C18)

R.T.: 11.294 min
Delta R.T.: -0.010 min
Response: 2310664
Conc: 19.77 ug/ml



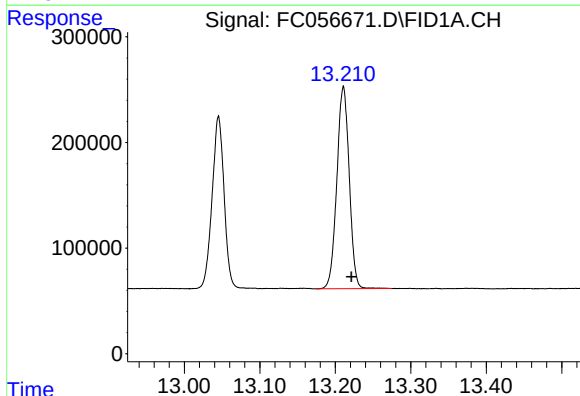
#9 ortho-Terphenyl (SURR)

R.T.: 11.615 min
Delta R.T.: -0.010 min
Response: 2328729
Conc: 18.81 ug/ml



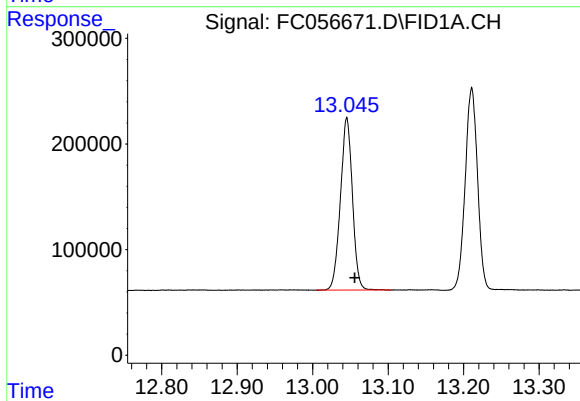
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.009 min
Response: 2197808
Conc: 19.12 ug/ml



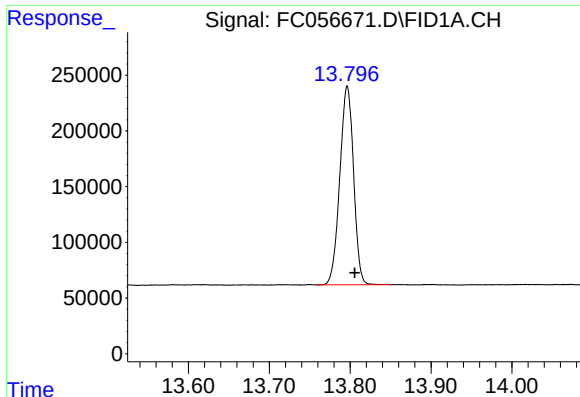
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: -0.011 min
Response: 2186775
Conc: 19.03 ug/ml



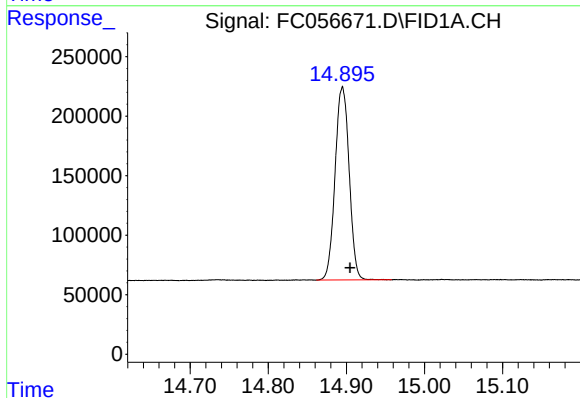
#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min
Delta R.T.: -0.010 min
Response: 1806323
Conc: 18.77 ug/ml



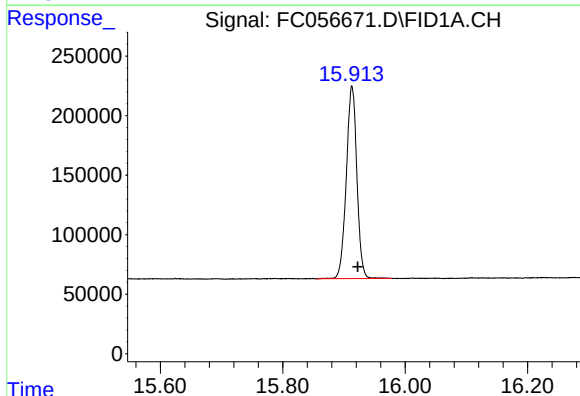
#13 n-Docosane (C22)

R.T.: 13.796 min
Delta R.T.: -0.009 min
Response: 2112189
Conc: 18.76 ug/ml



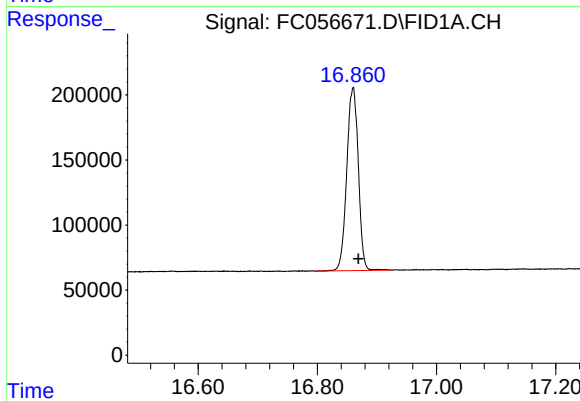
#14 n-Tetracosane (C24)

R.T.: 14.895 min
Delta R.T.: -0.010 min
Response: 2033109
Conc: 18.45 ug/ml



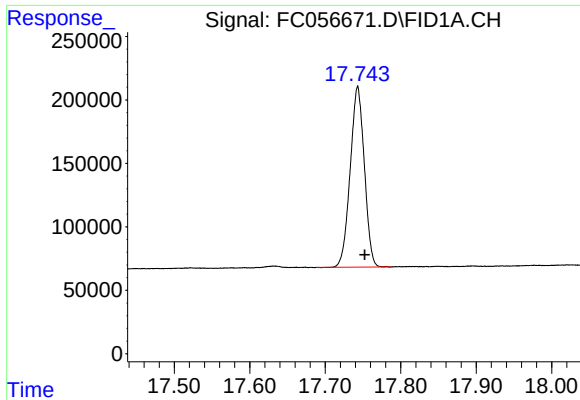
#15 n-Hexacosane (C26)

R.T.: 15.913 min
Delta R.T.: -0.010 min
Response: 1943097
Conc: 18.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.009 min
Response: 1895094
Conc: 18.27 ug/ml



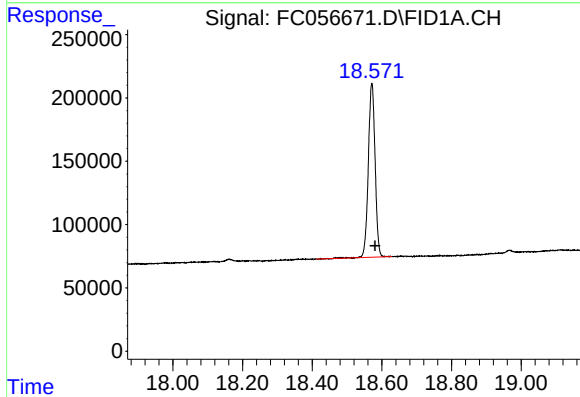
#17 n-Tricontane (C30)

R.T.: 17.743 min

Delta R.T.: -0.009 min

Response: 1851852

Conc: 17.87 ug/ml



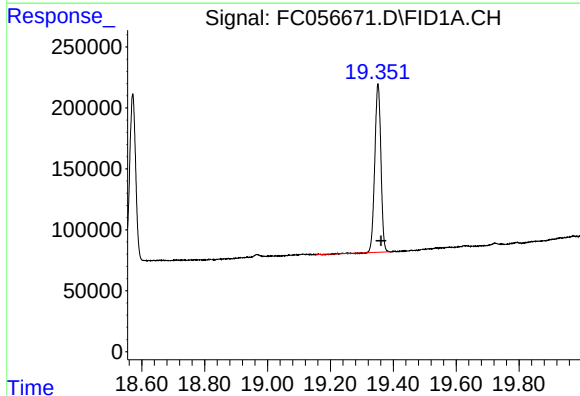
#18 n-Dotriacontane (C32)

R.T.: 18.571 min

Delta R.T.: -0.010 min

Response: 1855305

Conc: 19.36 ug/ml



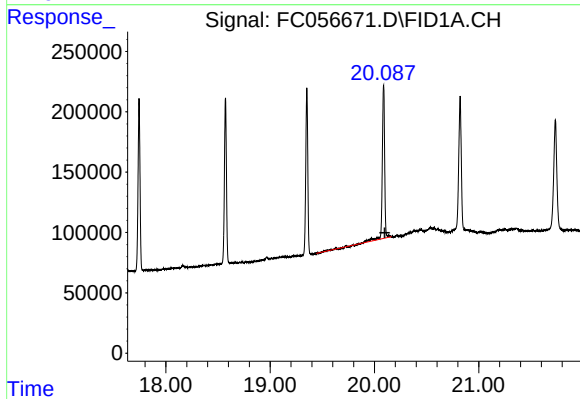
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min

Delta R.T.: -0.009 min

Response: 1855997

Conc: 21.16 ug/ml



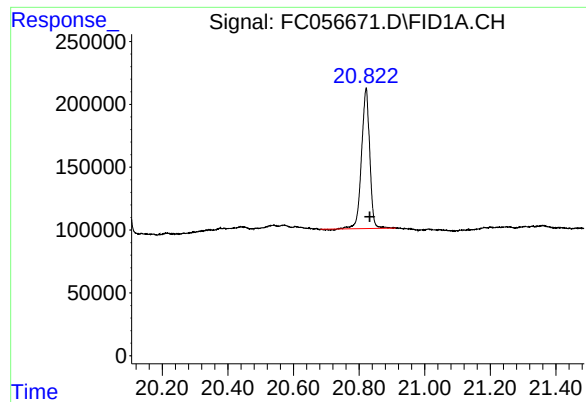
#20 n-Hexatriacontane (C36)

R.T.: 20.087 min

Delta R.T.: -0.010 min

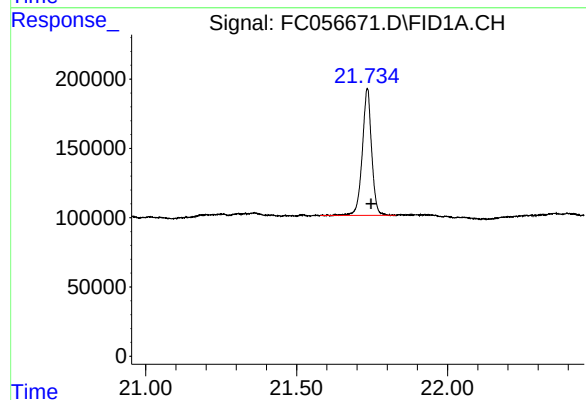
Response: 2004749

Conc: 24.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: -0.011 min
Response: 1936162
Conc: 24.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: -0.013 min
Response: 1968815
Conc: 23.90 ug/ml