

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051121AL\
 Data File : FC053651.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2021 12:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:38:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.530	2541058	18.354 ug/ml
Spiked Amount 50.000		Recovery =	36.71%
12) S 1-chlorooctadecane (S...	12.971	1997531	17.910 ug/ml
Spiked Amount 50.000		Recovery =	35.82%
Target Compounds			
1) T n-Nonane (C9)	3.288	2292300	19.408 ug/ml
2) T n-Decane (C10)	4.352	2324803	19.633 ug/ml
3) T A~Naphthalene (C11.7)	5.936	2551932	19.585 ug/ml
4) T n-Dodecane (C12)	6.372	2379856	19.668 ug/ml
5) T A~2-methylnaphthalene...	6.994	2602216	19.682 ug/ml
6) T n-Tetradecane (C14)	8.169	2388693	19.609 ug/ml
7) T n-Hexadecane (C16)	9.772	2367652	19.331 ug/ml
8) T n-Octadecane (C18)	11.216	2449857	18.811 ug/ml
10) T n-Eicosane (C20)	12.527	2423634	18.311 ug/ml
11) T n-Heneicosane (C21)	13.139	2398698	18.061 ug/ml
13) T n-Docosane (C22)	13.725	2368565	17.807 ug/ml
14) T n-Tetracosane (C24)	14.831	2302569	17.250 ug/ml
15) T n-Hexacosane (C26)	15.853	2178832	16.480 ug/ml
16) T n-Octacosane (C28)	16.804	2085887	15.934 ug/ml
17) T n-Tricontane (C30)	17.693	2004869	15.371 ug/ml
18) T n-Dotriacontane (C32)	18.525	1923112	15.241 ug/ml
19) T n-Tetratriacontane (C34)	19.309	1873540	15.377 ug/mlm
20) T n-Hexatriacontane (C36)	20.051	1797052	15.370 ug/mlm
21) T n-Octatriacontane (C38)	20.782	1715699	16.678 ug/ml
22) T n-Tetracontane (C40)	21.678	1793878	18.003 ug/ml

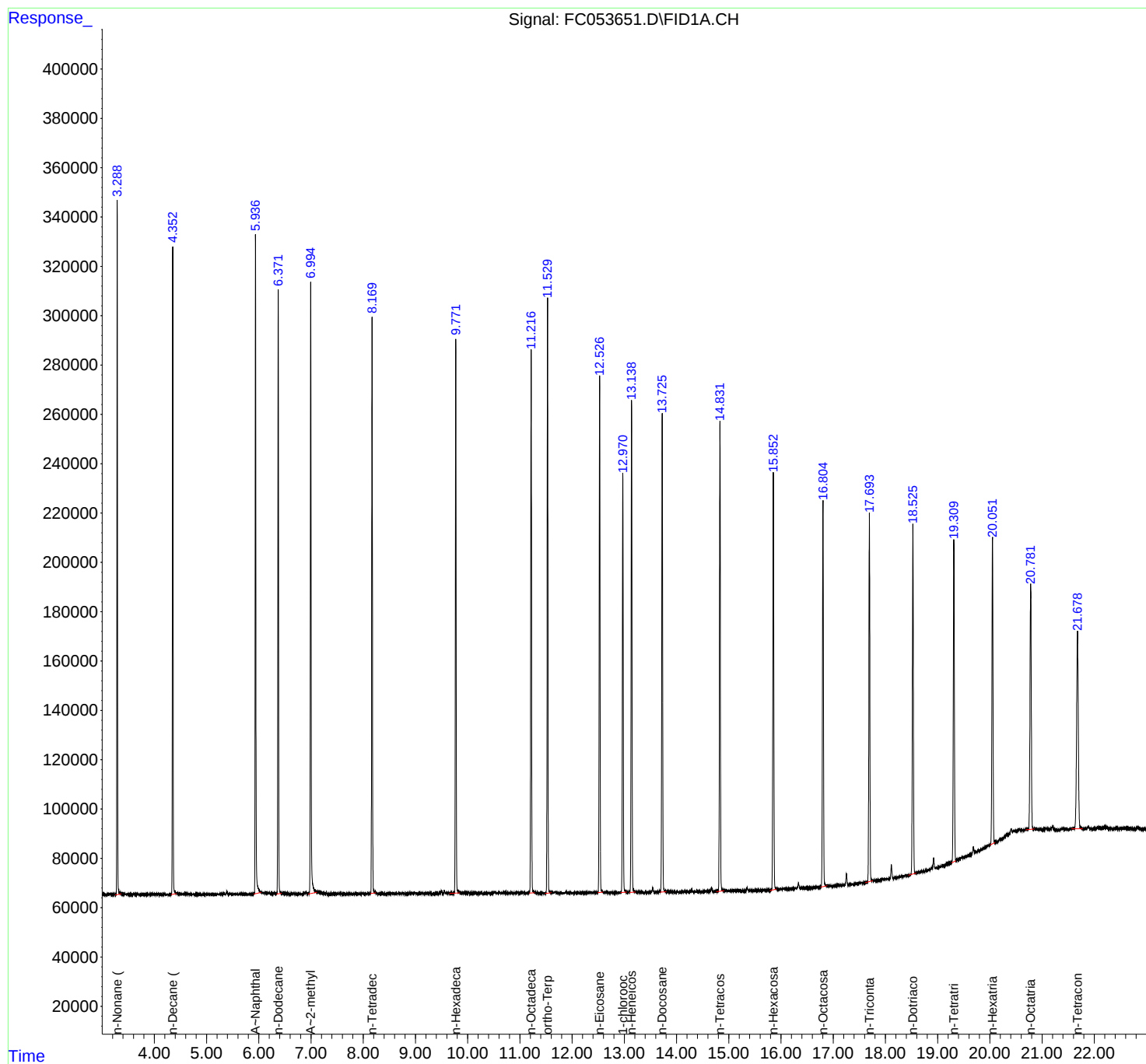
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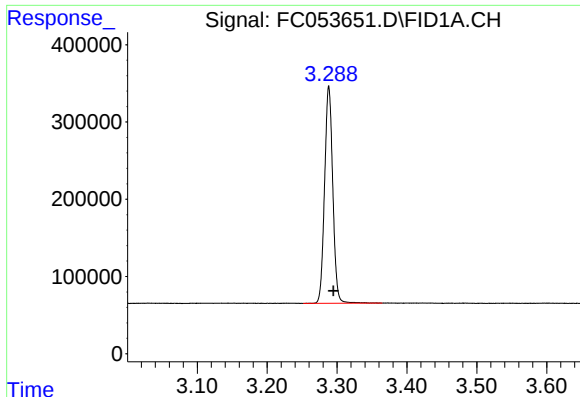
(m)=manual int.

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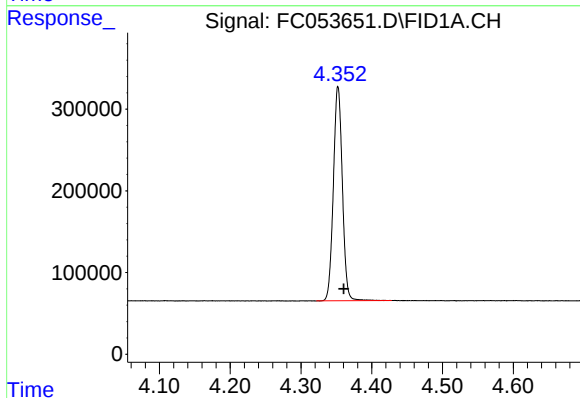
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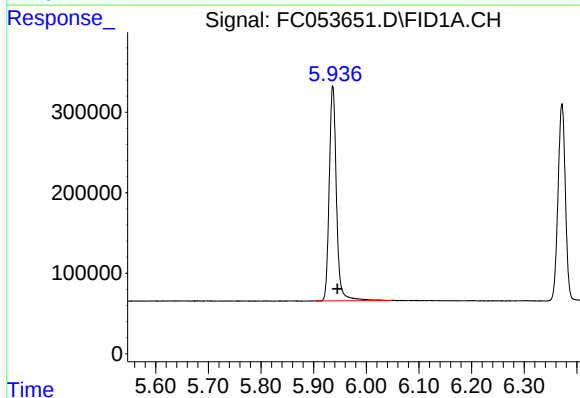
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.007 min
Response: 2292300
Conc: 19.41 ug/ml



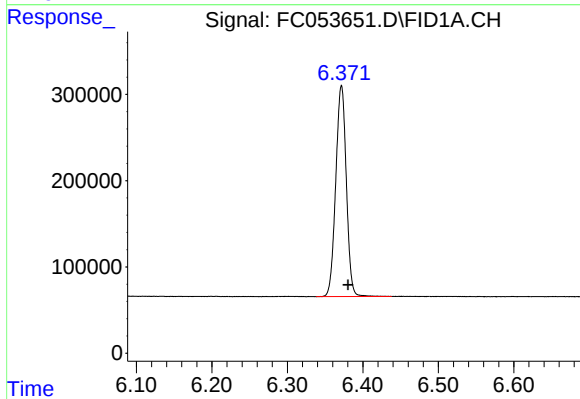
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: -0.008 min
Response: 2324803
Conc: 19.63 ug/ml



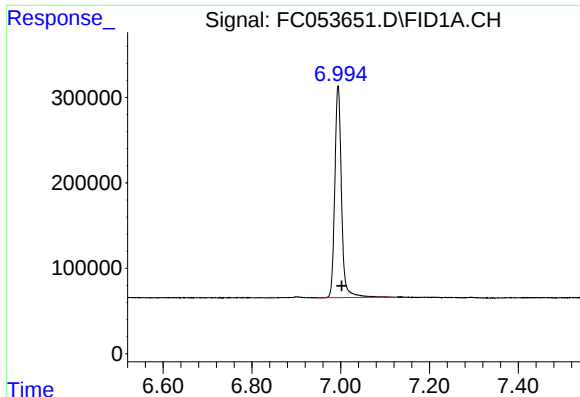
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.008 min
Response: 2551932
Conc: 19.58 ug/ml



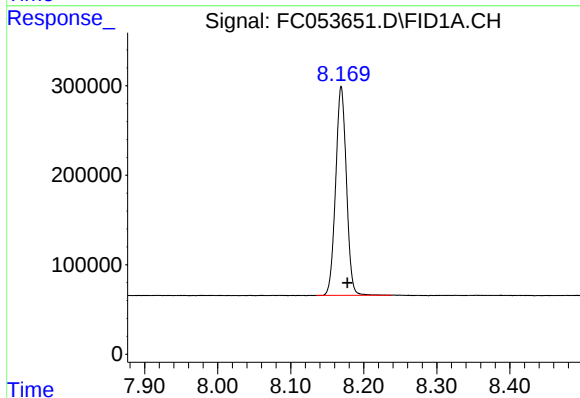
#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: -0.009 min
Response: 2379856
Conc: 19.67 ug/ml



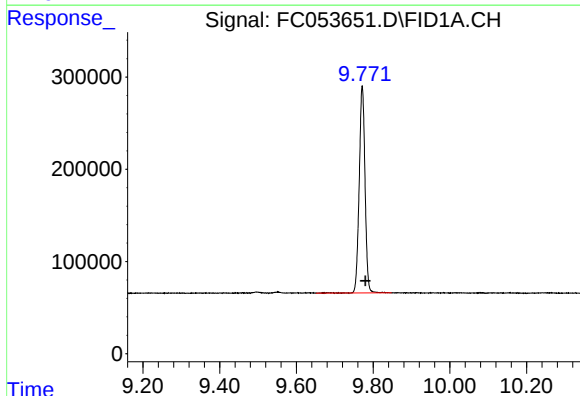
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: -0.009 min
Response: 2602216
Conc: 19.68 ug/ml



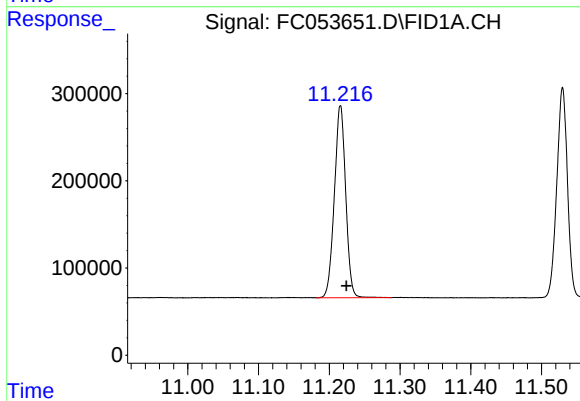
#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.009 min
Response: 2388693
Conc: 19.61 ug/ml



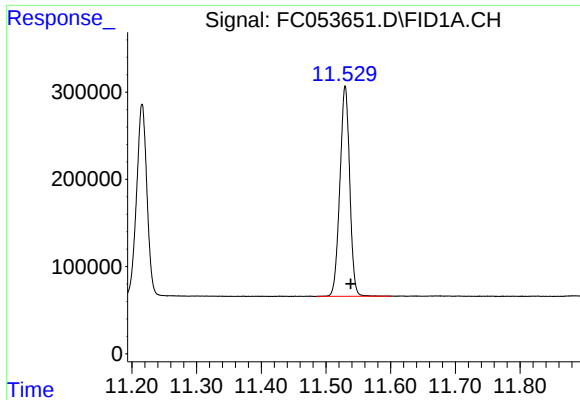
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.009 min
Response: 2367652
Conc: 19.33 ug/ml



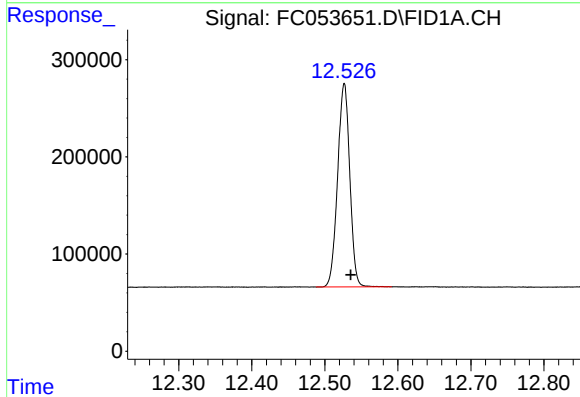
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: -0.008 min
Response: 2449857
Conc: 18.81 ug/ml



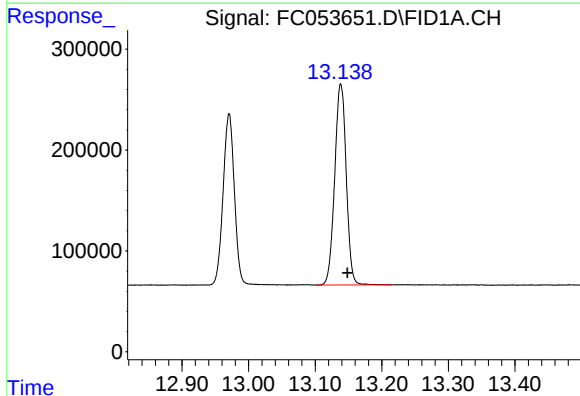
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.009 min
Response: 2541058
Conc: 18.35 ug/ml



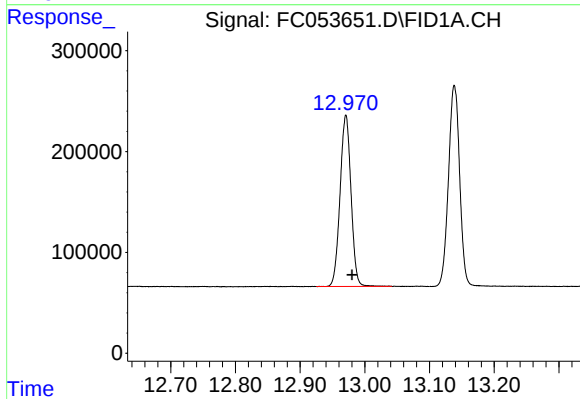
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: -0.009 min
Response: 2423634
Conc: 18.31 ug/ml



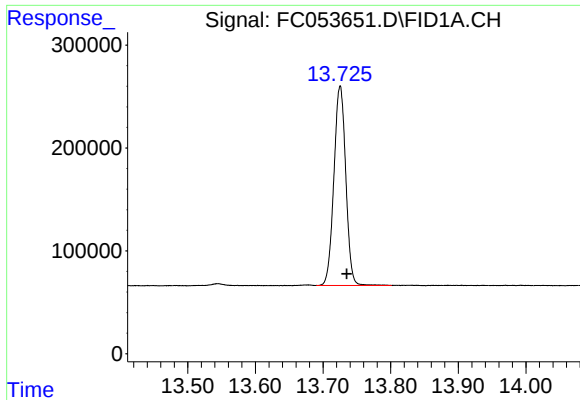
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: -0.010 min
Response: 2398698
Conc: 18.06 ug/ml



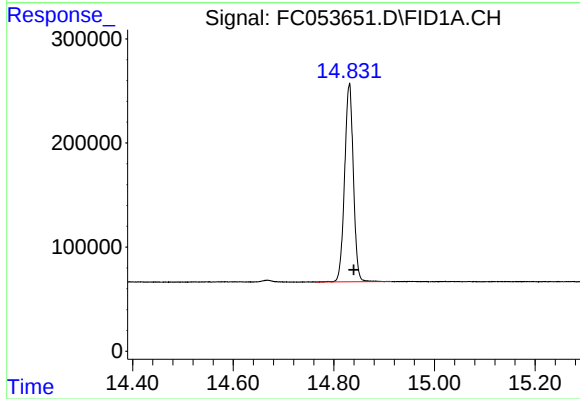
#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.010 min
Response: 1997531
Conc: 17.91 ug/ml



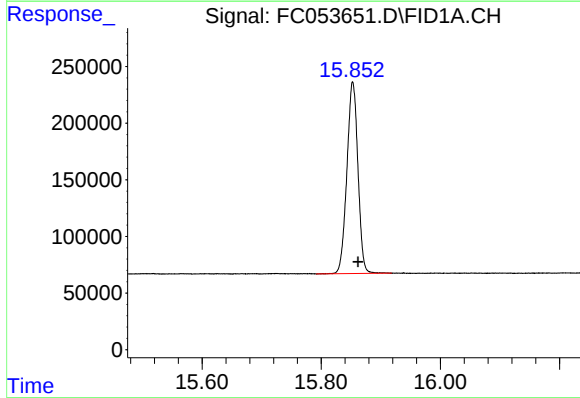
#13 n-Docosane (C22)

R.T.: 13.725 min
Delta R.T.: -0.010 min
Response: 2368565
Conc: 17.81 ug/ml



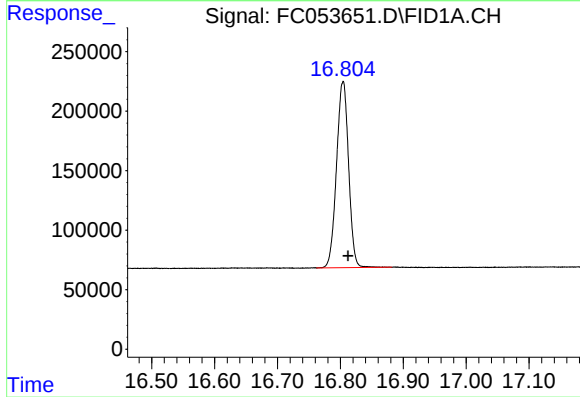
#14 n-Tetracosane (C24)

R.T.: 14.831 min
Delta R.T.: -0.009 min
Response: 2302569
Conc: 17.25 ug/ml



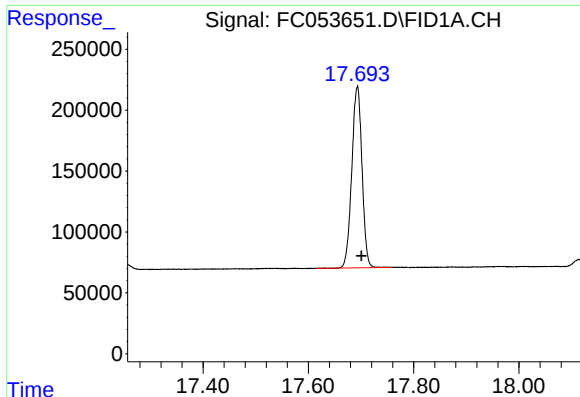
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.009 min
Response: 2178832
Conc: 16.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.008 min
Response: 2085887
Conc: 15.93 ug/ml



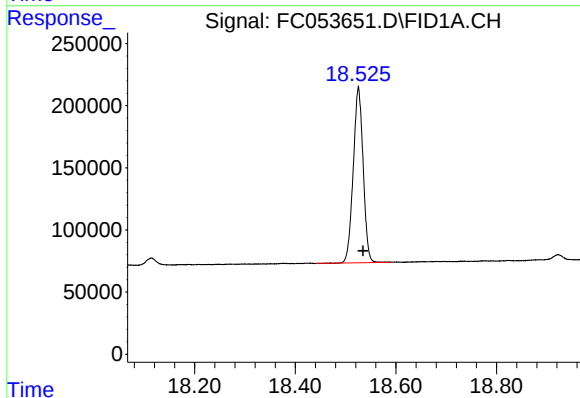
#17 n-Tricontane (C30)

R.T.: 17.693 min

Delta R.T.: -0.008 min

Response: 2004869

Conc: 15.37 ug/ml



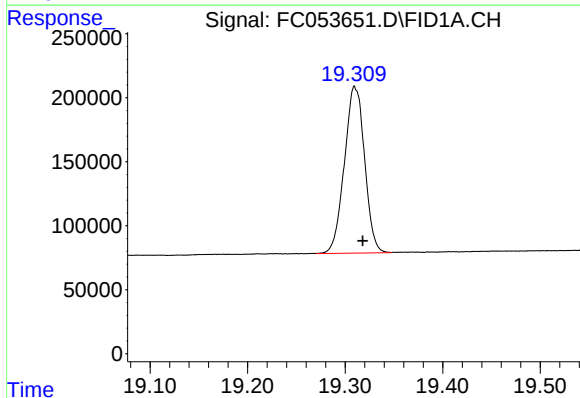
#18 n-Dotriacontane (C32)

R.T.: 18.525 min

Delta R.T.: -0.009 min

Response: 1923112

Conc: 15.24 ug/ml



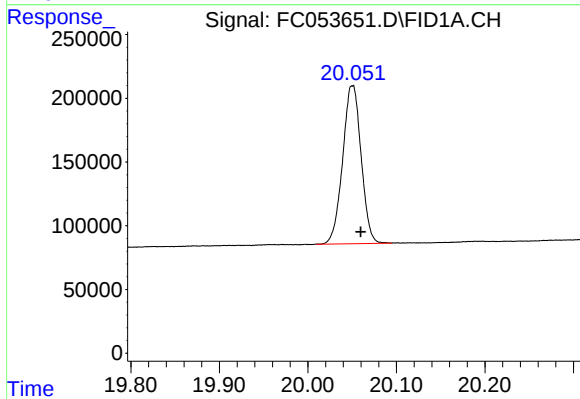
#19 n-Tetratriacontane (C34)

R.T.: 19.309 min

Delta R.T.: -0.009 min

Response: 1873540

Conc: 15.38 ug/ml m



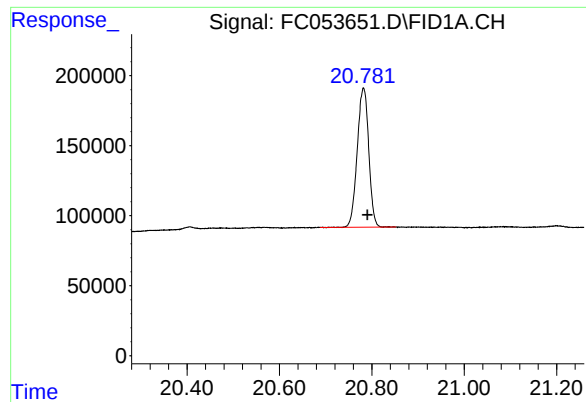
#20 n-Hexatriacontane (C36)

R.T.: 20.051 min

Delta R.T.: -0.008 min

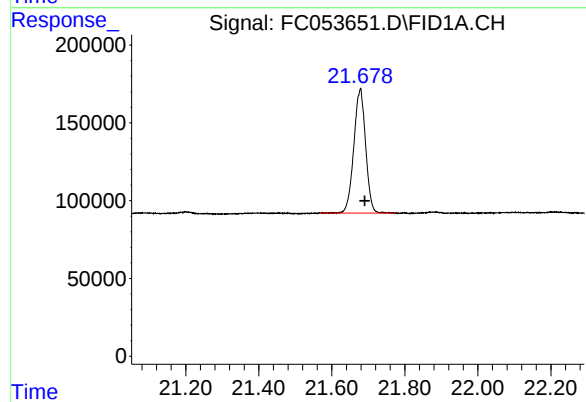
Response: 1797052

Conc: 15.37 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.782 min
Delta R.T.: -0.008 min
Response: 1715699
Conc: 16.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.678 min
Delta R.T.: -0.013 min
Response: 1793878
Conc: 18.00 ug/ml