

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052721AL\
 Data File : FC053953.D
 Signal(s) : FID1A.CH
 Acq On : 27 May 2021 16:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 28 09:07:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.352	2744375	19.655 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
12) S 1-chlorooctadecane (S...	12.797	2201109	19.632 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
Target Compounds			
1) T n-Nonane (C9)	3.150	2318418	19.624 ug/ml
2) T n-Decane (C10)	4.207	2344224	19.668 ug/ml
3) T A~Naphthalene (C11.7)	5.774	2588221	19.790 ug/ml
4) T n-Dodecane (C12)	6.218	2405879	19.598 ug/ml
5) T A~2-methylnaphthalene...	6.828	2641067	19.784 ug/ml
6) T n-Tetradecane (C14)	8.010	2438920	19.662 ug/ml
7) T n-Hexadecane (C16)	9.608	2450711	19.670 ug/ml
8) T n-Octadecane (C18)	11.048	2578891	19.579 ug/ml
10) T n-Eicosane (C20)	12.356	2621159	19.555 ug/ml
11) T n-Heneicosane (C21)	12.967	2624001	19.564 ug/ml
13) T n-Docosane (C22)	13.553	2623381	19.519 ug/ml
14) T n-Tetracosane (C24)	14.655	2624081	19.544 ug/ml
15) T n-Hexacosane (C26)	15.674	2594648	19.577 ug/ml
16) T n-Octacosane (C28)	16.624	2579309	19.535 ug/ml
17) T n-Tricontane (C30)	17.512	2525859	19.264 ug/ml
18) T n-Dotriacontane (C32)	18.342	2444613	18.950 ug/ml
19) T n-Tetratriacontane (C34)	19.125	2319526	19.013 ug/ml
20) T n-Hexatriacontane (C36)	19.865	2205311	19.534 ug/ml
21) T n-Octatriacontane (C38)	20.572	1931235	19.153 ug/ml
22) T n-Tetracontane (C40)	21.404	2010072	19.917 ug/ml

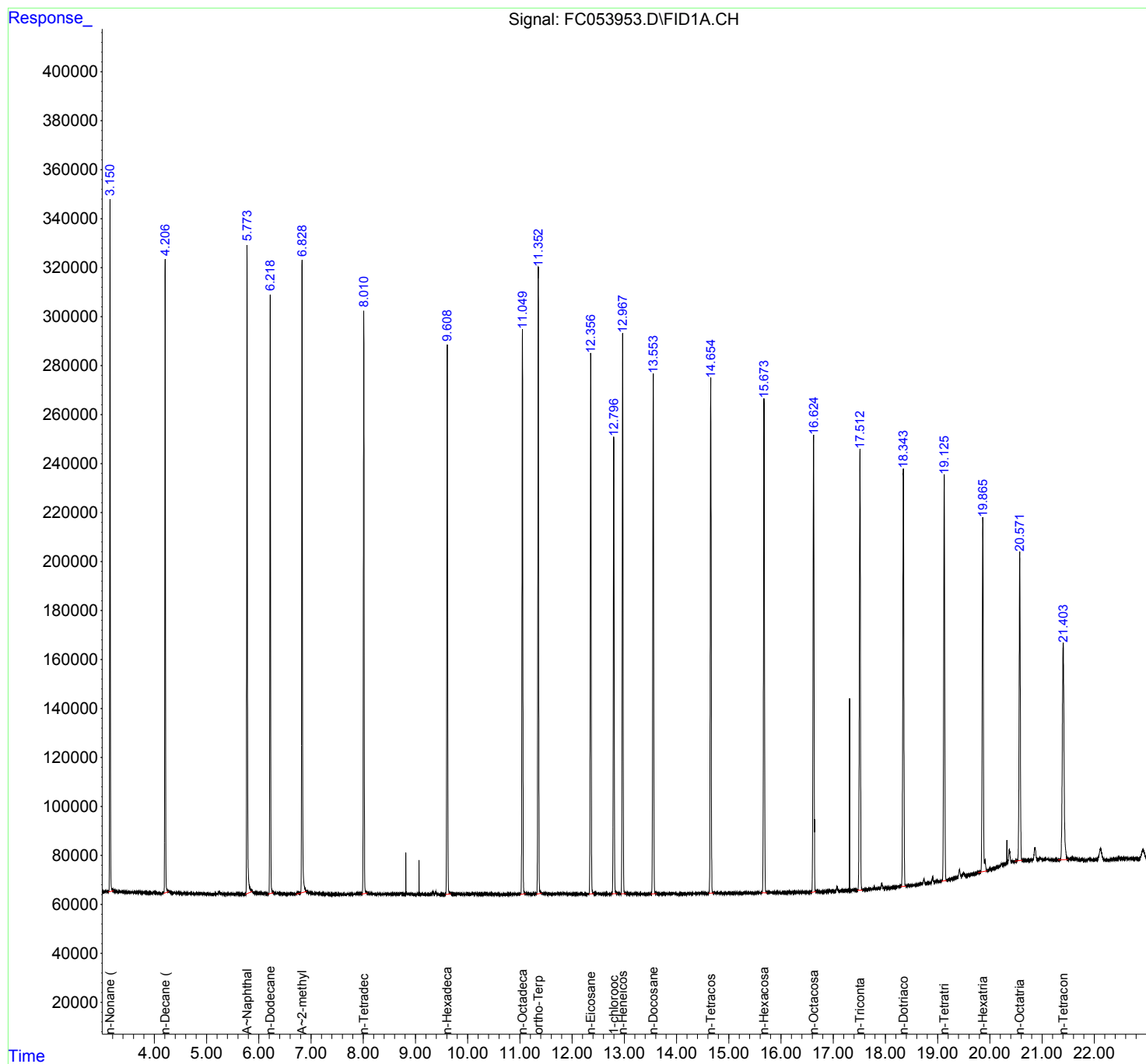
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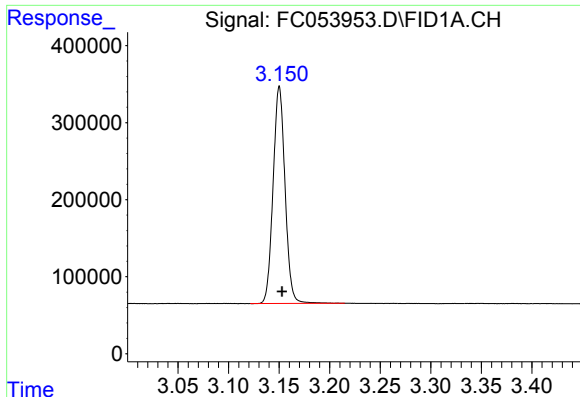
(m)=manual int.

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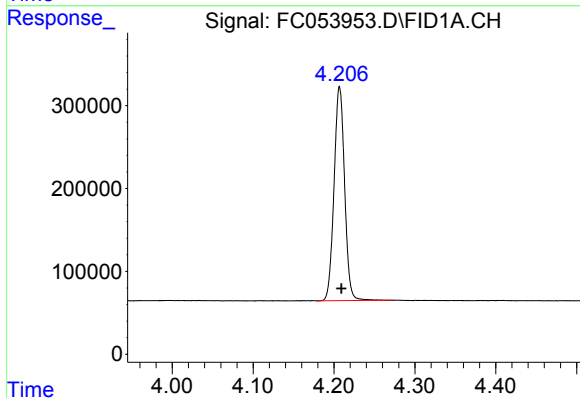
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





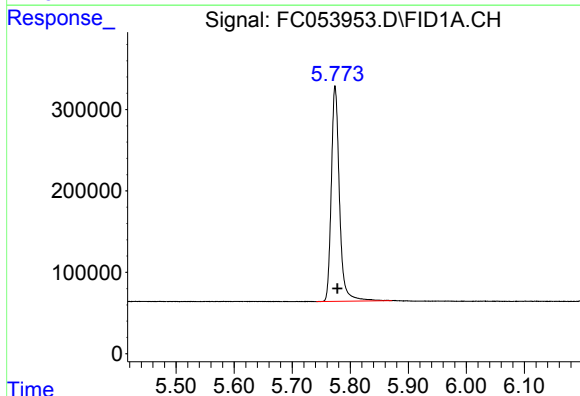
#1 n-Nonane (C9)

R.T.: 3.150 min
Delta R.T.: -0.003 min
Response: 2318418
Conc: 19.62 ug/ml



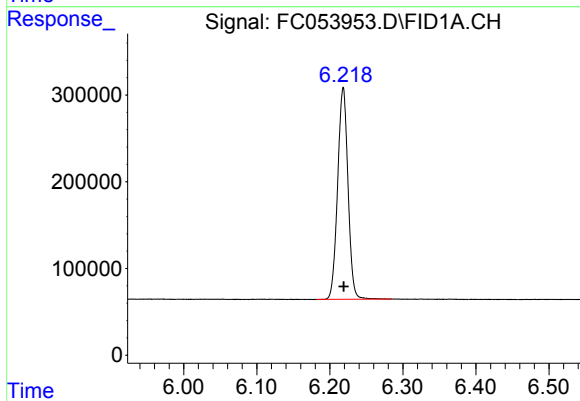
#2 n-Decane (C10)

R.T.: 4.207 min
Delta R.T.: -0.002 min
Response: 2344224
Conc: 19.67 ug/ml



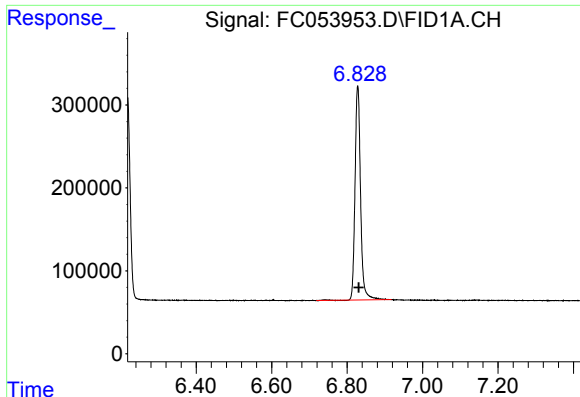
#3 A~Naphthalene (C11.7)

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 2588221
Conc: 19.79 ug/ml



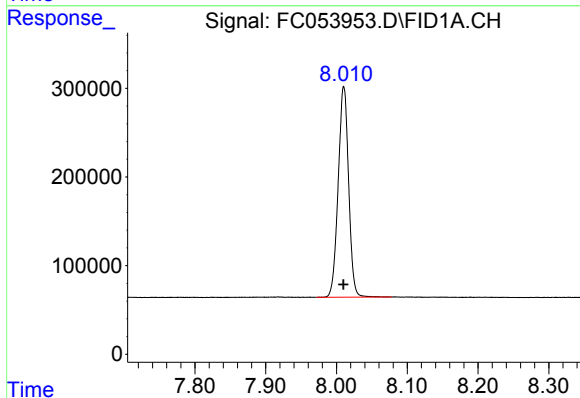
#4 n-Dodecane (C12)

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 2405879
Conc: 19.60 ug/ml



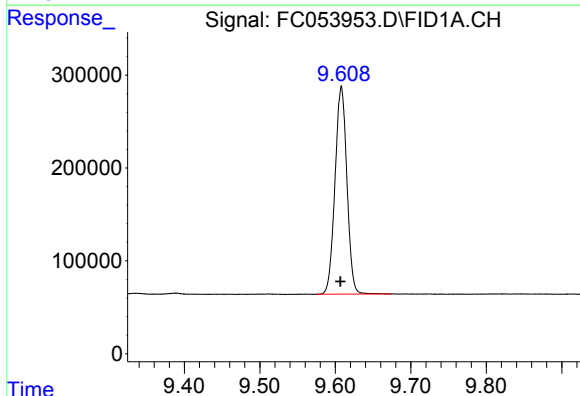
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 2641067
Conc: 19.78 ug/ml



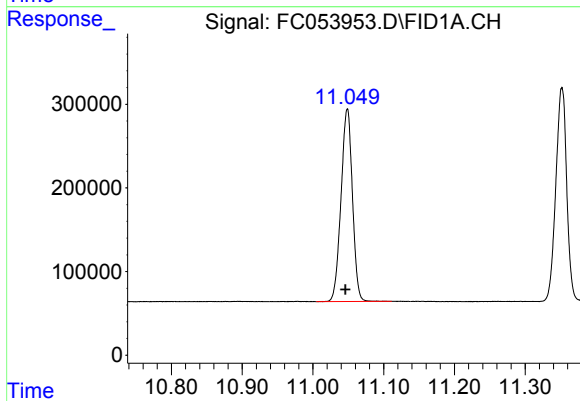
#6 n-Tetradecane (C14)

R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 2438920
Conc: 19.66 ug/ml



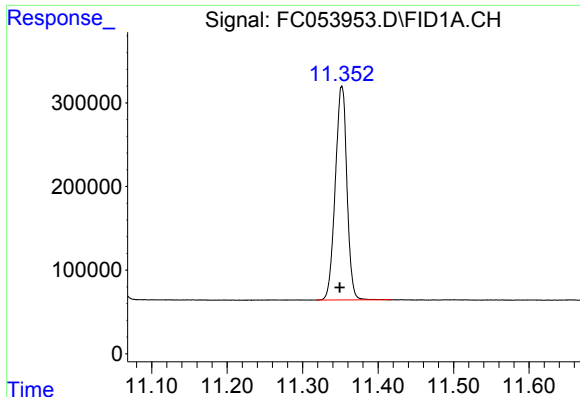
#7 n-Hexadecane (C16)

R.T.: 9.608 min
Delta R.T.: 0.001 min
Response: 2450711
Conc: 19.67 ug/ml



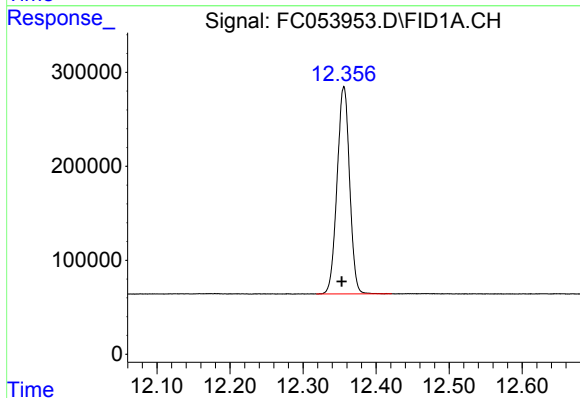
#8 n-Octadecane (C18)

R.T.: 11.048 min
Delta R.T.: 0.002 min
Response: 2578891
Conc: 19.58 ug/ml



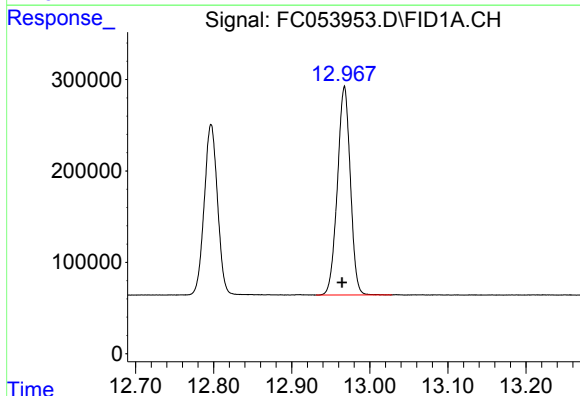
#9 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.003 min
Response: 2744375
Conc: 19.66 ug/ml



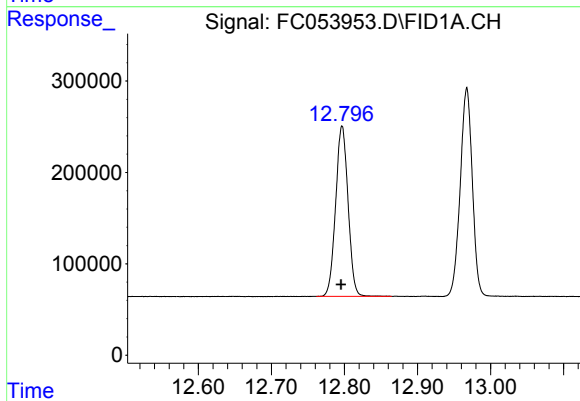
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: 0.003 min
Response: 2621159
Conc: 19.56 ug/ml



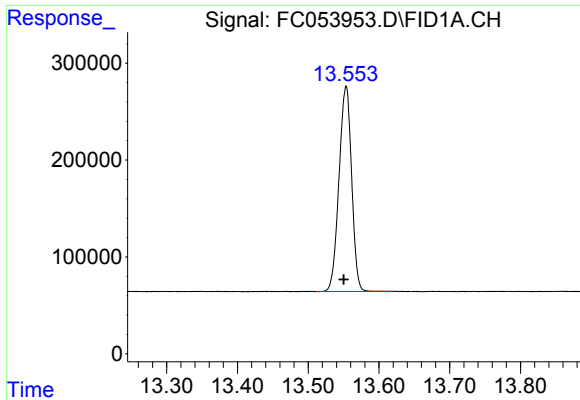
#11 n-Heneicosane (C21)

R.T.: 12.967 min
Delta R.T.: 0.003 min
Response: 2624001
Conc: 19.56 ug/ml



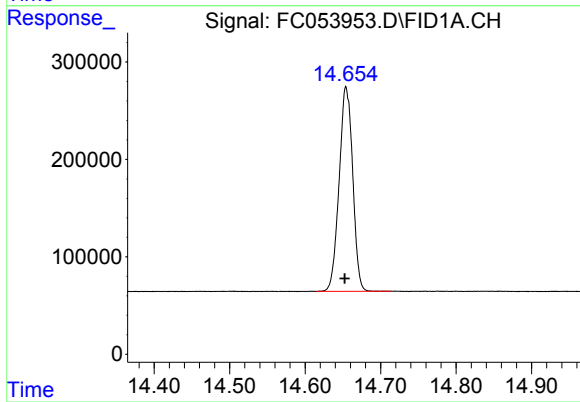
#12 1-chlorooctadecane (SURR)

R.T.: 12.797 min
Delta R.T.: 0.001 min
Response: 2201109
Conc: 19.63 ug/ml



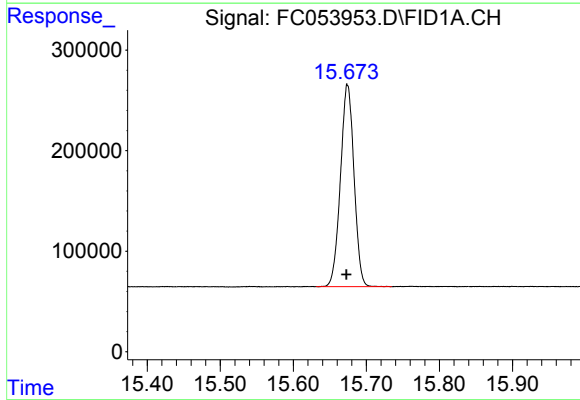
#13 n-Docosane (C22)

R.T.: 13.553 min
Delta R.T.: 0.003 min
Response: 2623381
Conc: 19.52 ug/ml



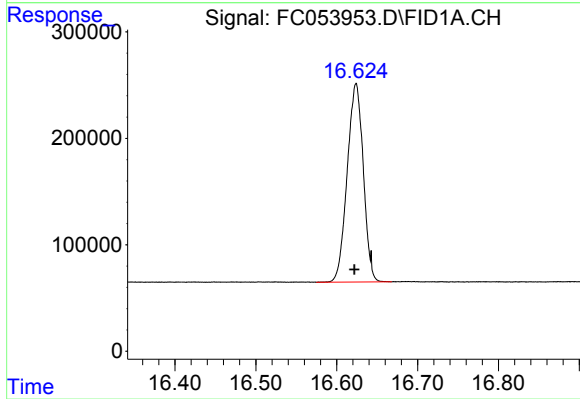
#14 n-Tetracosane (C24)

R.T.: 14.655 min
Delta R.T.: 0.002 min
Response: 2624081
Conc: 19.54 ug/ml



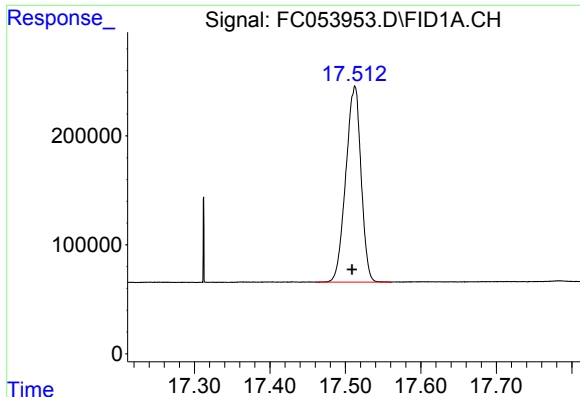
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: 0.002 min
Response: 2594648
Conc: 19.58 ug/ml



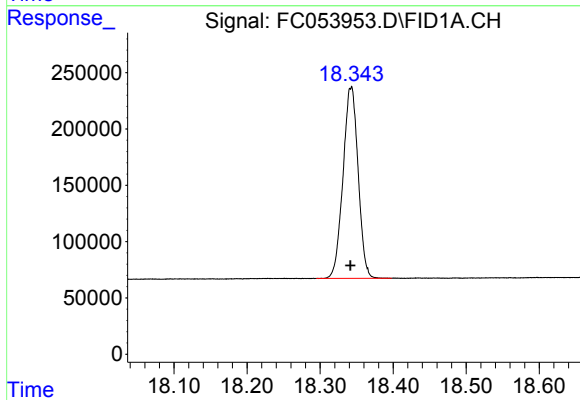
#16 n-Octacosane (C28)

R.T.: 16.624 min
Delta R.T.: 0.002 min
Response: 2579309
Conc: 19.53 ug/ml



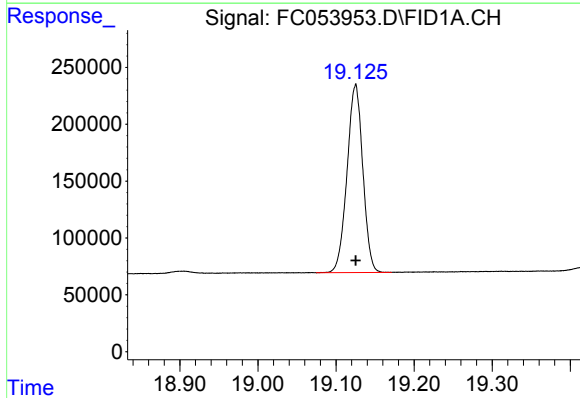
#17 n-Tricontane (C30)

R.T.: 17.512 min
Delta R.T.: 0.003 min
Response: 2525859
Conc: 19.26 ug/ml



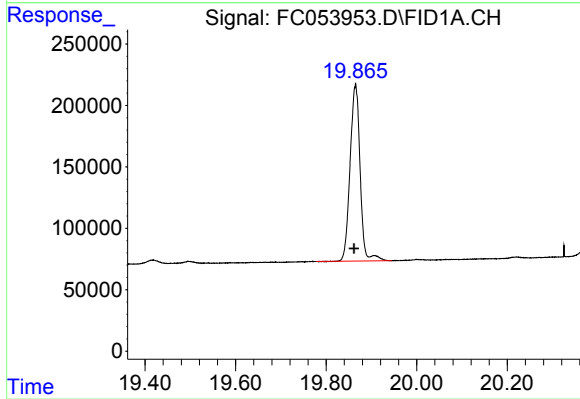
#18 n-Dotriacontane (C32)

R.T.: 18.342 min
Delta R.T.: 0.000 min
Response: 2444613
Conc: 18.95 ug/ml



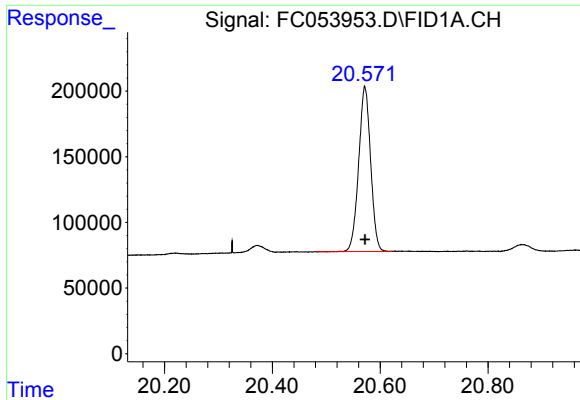
#19 n-Tetratriacontane (C34)

R.T.: 19.125 min
Delta R.T.: 0.000 min
Response: 2319526
Conc: 19.01 ug/ml



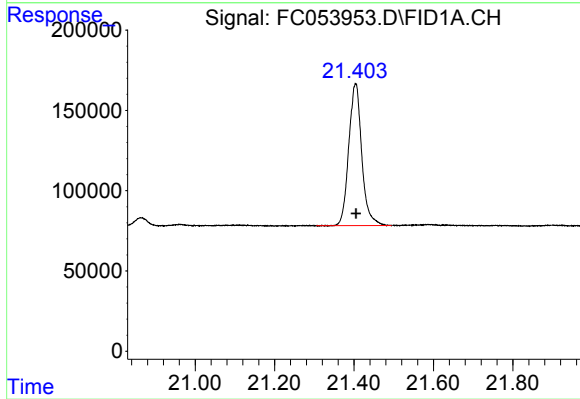
#20 n-Hexatriacontane (C36)

R.T.: 19.865 min
Delta R.T.: 0.003 min
Response: 2205311
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.572 min
Delta R.T.: 0.000 min
Response: 1931235
Conc: 19.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.404 min
Delta R.T.: -0.002 min
Response: 2010072
Conc: 19.92 ug/ml