

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051021AL\
 Data File : FC053643.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2021 1:51
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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 5/11/2021 2:18:39 PM

Integration File: autoint1.e
 Quant Time: May 11 13:45:57 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)	11.531	2469380	17.836 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
12) S 1-chlorooctadecane (S...	12.972	1935366	17.352 ug/ml
Spiked Amount 50.000		Recovery =	34.70%
Target Compounds			
1) T n-Nonane (C9)	3.290	2272044	19.236 ug/ml
2) T n-Decane (C10)	4.355	2292646	19.361 ug/ml
3) T A~Naphthalene (C11.7)	5.939	2538739	19.484 ug/ml
4) T n-Dodecane (C12)	6.373	2368858	19.577 ug/ml
5) T A~2-methylnaphthalene...	6.997	2571515	19.450 ug/ml
6) T n-Tetradecane (C14)	8.171	2369227	19.449 ug/ml
7) T n-Hexadecane (C16)	9.773	2330174	19.025 ug/ml
8) T n-Octadecane (C18)	11.217	2398447	18.417 ug/ml
10) T n-Eicosane (C20)	12.528	2360003	17.830 ug/ml
11) T n-Heneicosane (C21)	13.141	2336092	17.590 ug/ml
13) T n-Docosane (C22)	13.727	2294200	17.248 ug/ml
14) T n-Tetracosane (C24)	14.832	2200514	16.485 ug/ml
15) T n-Hexacosane (C26)	15.853	2079473	15.728 ug/ml
16) T n-Octacosane (C28)	16.804	1991067	15.210 ug/ml
17) T n-Tricontane (C30)	17.692	1964239	15.060 ug/mlm
18) T n-Dotriacontane (C32)	18.526	1892874	15.001 ug/mlm
19) T n-Tetratriacontane (C34)	19.310	1847799	15.166 ug/mlm
20) T n-Hexatriacontane (C36)	20.052	1779221	15.218 ug/mlm
21) T n-Octatriacontane (C38)	20.783	1707556	16.599 ug/mlm
22) T n-Tetracontane (C40)	21.677	1798332	18.047 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

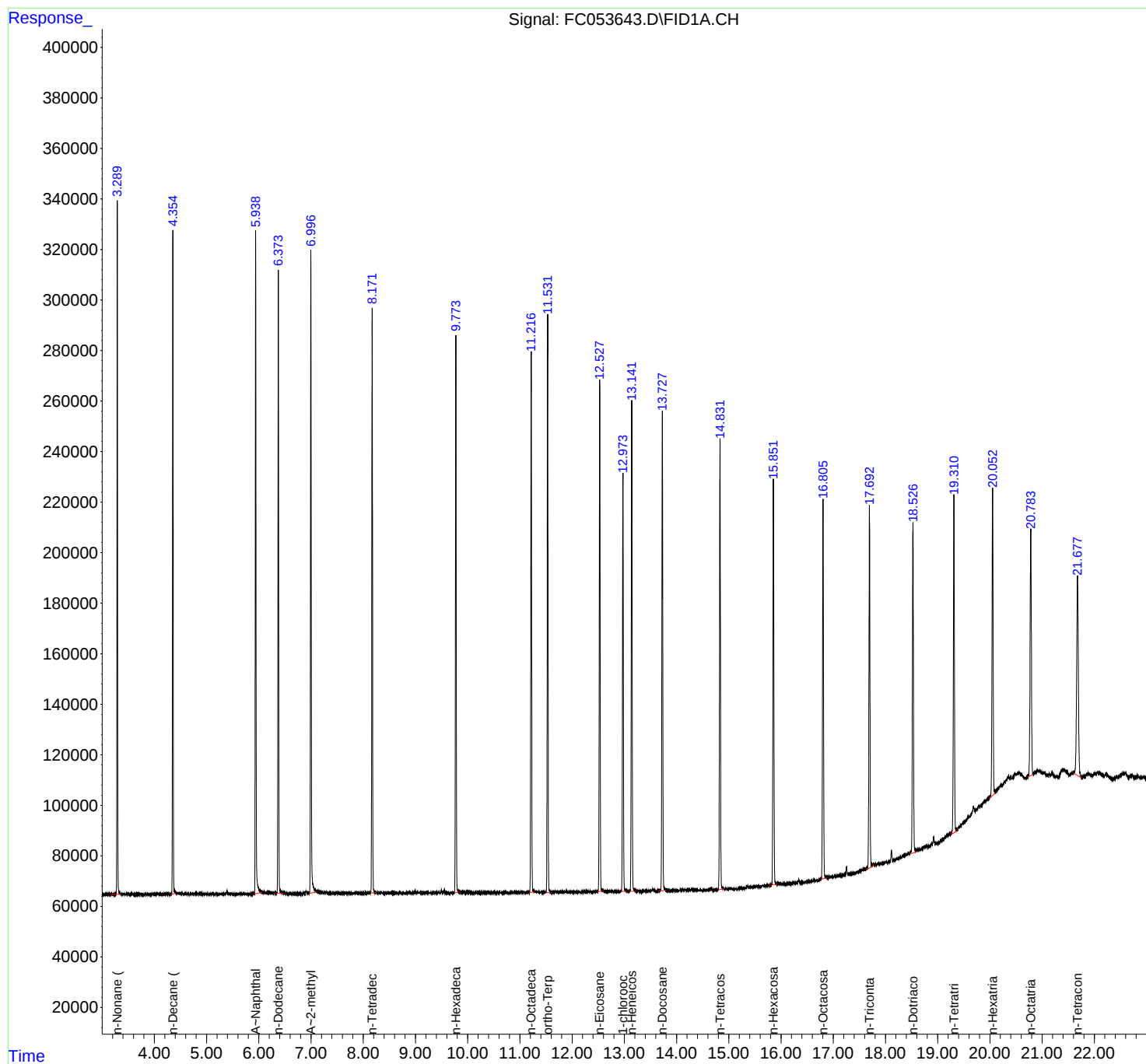
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

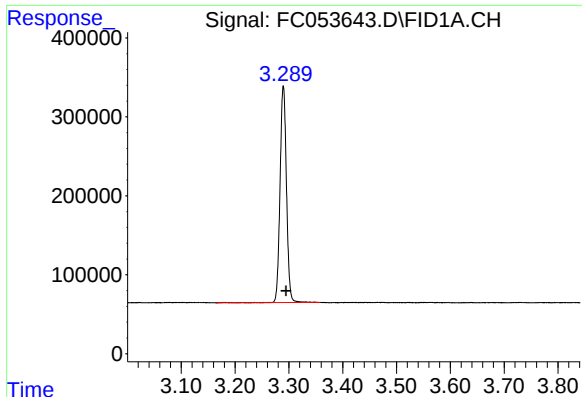
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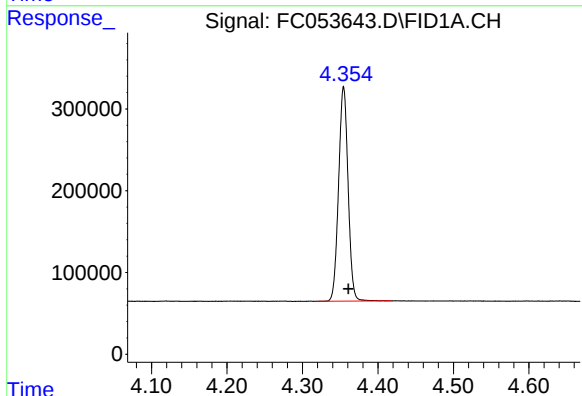
#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.005 min
Response: 2272044
Conc: 19.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

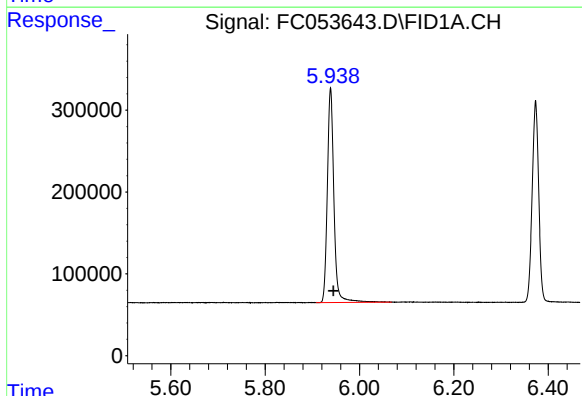
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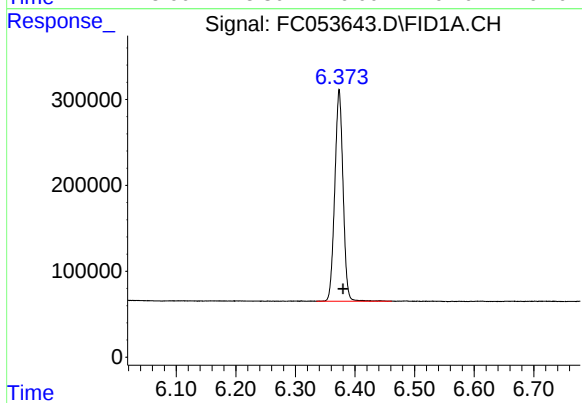
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 2292646
Conc: 19.36 ug/ml



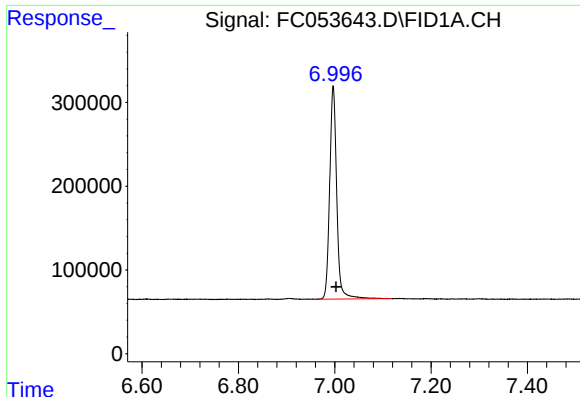
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 2538739
Conc: 19.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 2368858
Conc: 19.58 ug/ml



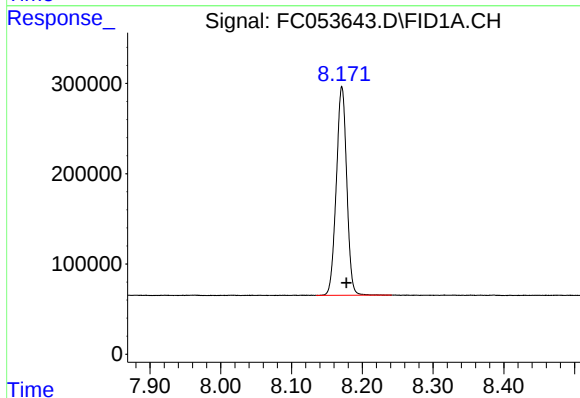
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.006 min
Response: 2571515
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

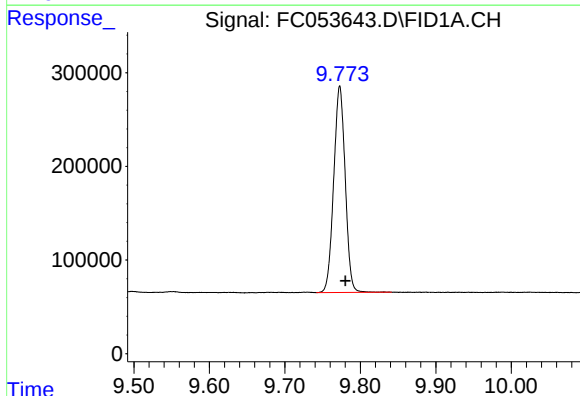
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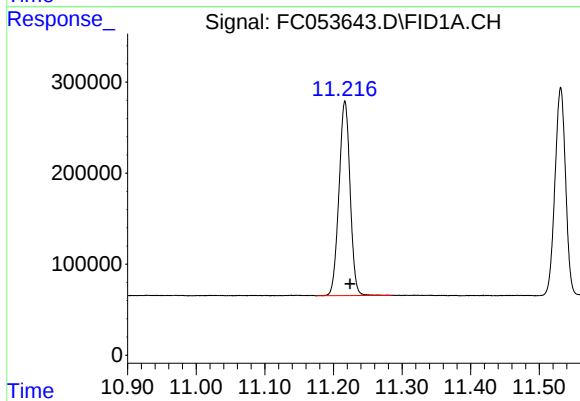
#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.007 min
Response: 2369227
Conc: 19.45 ug/ml



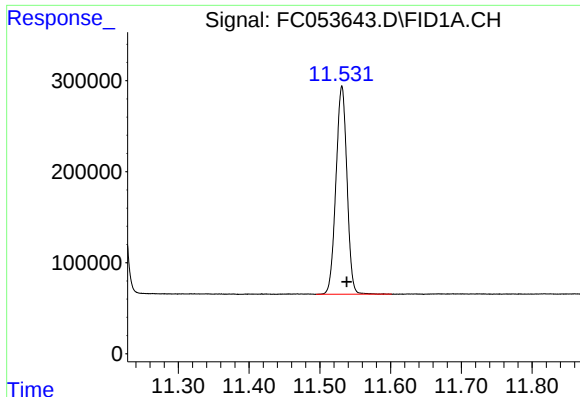
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: -0.007 min
Response: 2330174
Conc: 19.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.217 min
Delta R.T.: -0.007 min
Response: 2398447
Conc: 18.42 ug/ml



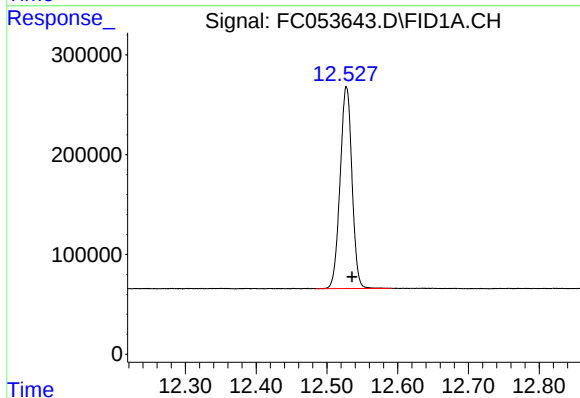
#9 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.007 min
Response: 2469380
Conc: 17.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

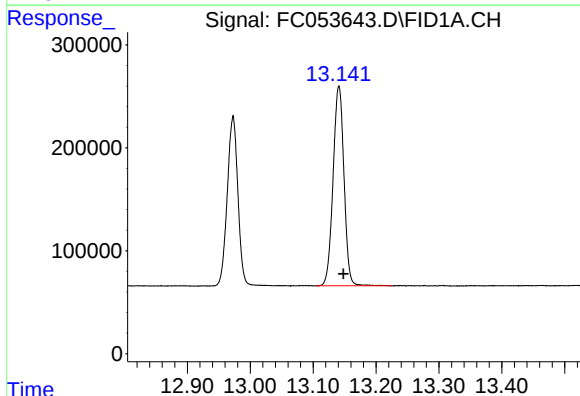
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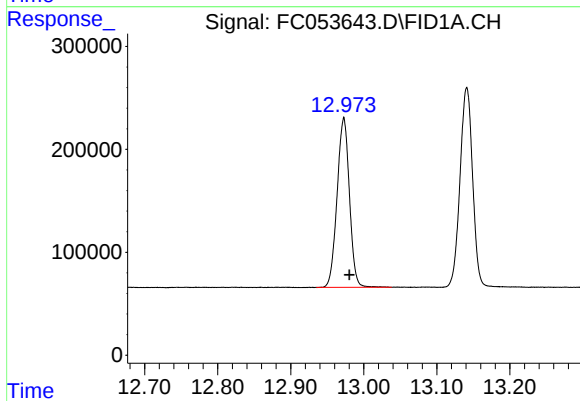
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.008 min
Response: 2360003
Conc: 17.83 ug/ml



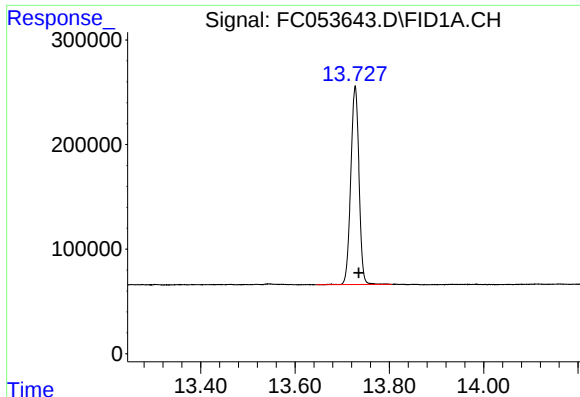
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.007 min
Response: 2336092
Conc: 17.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.972 min
Delta R.T.: -0.008 min
Response: 1935366
Conc: 17.35 ug/ml



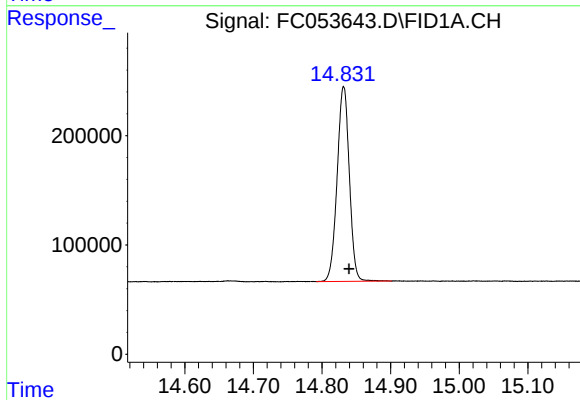
#13 n-Docosane (C22)

R.T.: 13.727 min
Delta R.T.: -0.007 min
Response: 2294200
Conc: 17.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

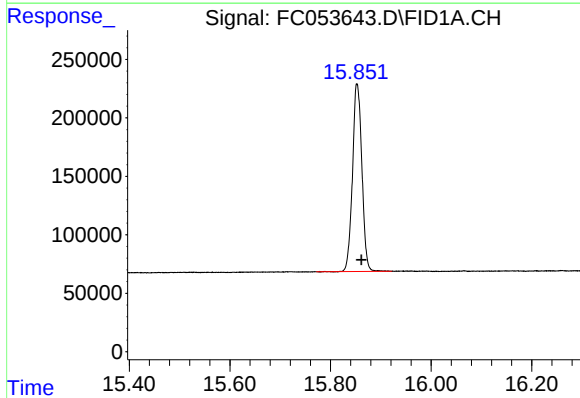
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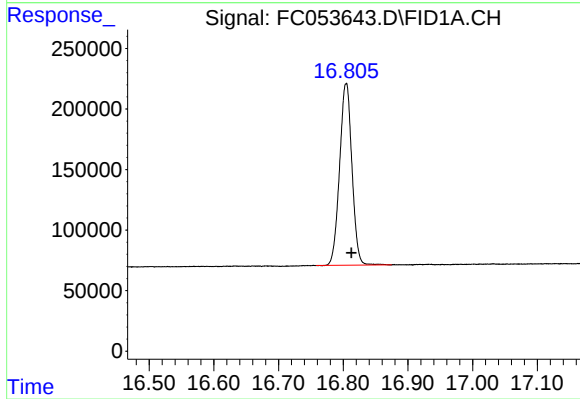
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.008 min
Response: 2200514
Conc: 16.49 ug/ml



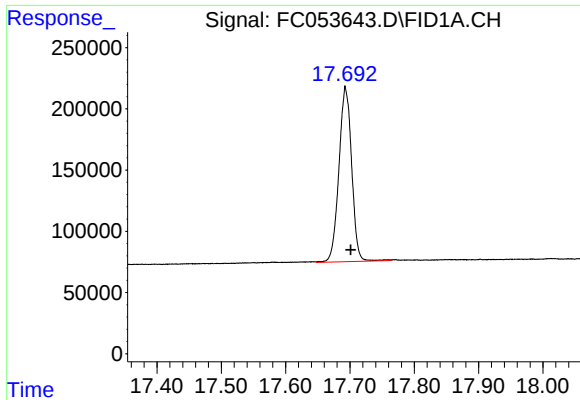
#15 n-Hexacosane (C26)

R.T.: 15.853 min
Delta R.T.: -0.009 min
Response: 2079473
Conc: 15.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.008 min
Response: 1991067
Conc: 15.21 ug/ml



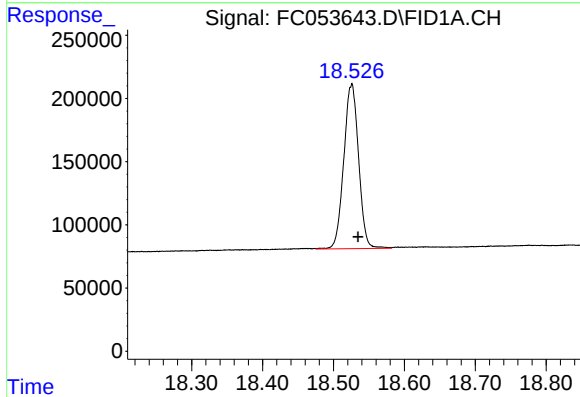
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.009 min
Response: 1964239
Conc: 15.06 ug/ml m

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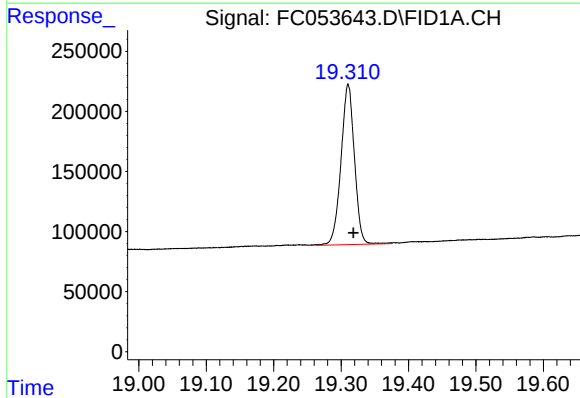
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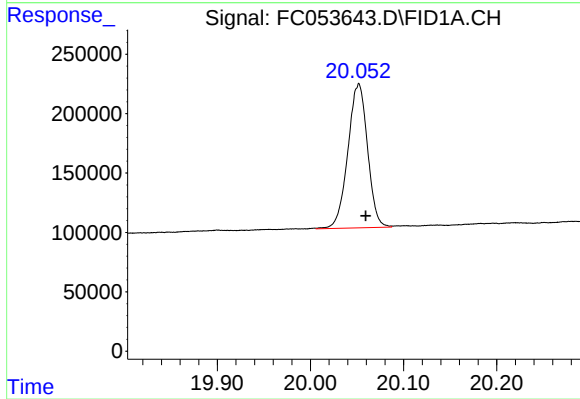
#18 n-Dotriacontane (C32)

R.T.: 18.526 min
Delta R.T.: -0.009 min
Response: 1892874
Conc: 15.00 ug/ml m



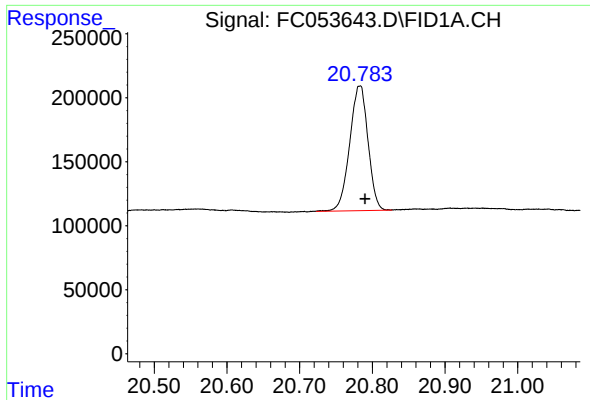
#19 n-Tetratriacontane (C34)

R.T.: 19.310 min
Delta R.T.: -0.008 min
Response: 1847799
Conc: 15.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.052 min
Delta R.T.: -0.008 min
Response: 1779221
Conc: 15.22 ug/ml m



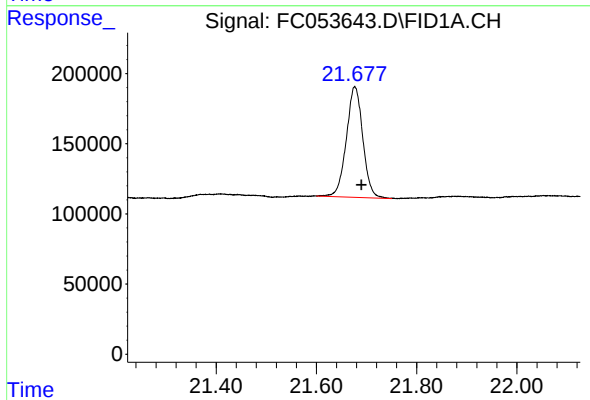
#21 n-Octatriacontane (C38)

R.T.: 20.783 min
Delta R.T.: -0.007 min
Response: 1707556
Conc: 16.60 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.677 min
Delta R.T.: -0.014 min
Response: 1798332
Conc: 18.05 ug/ml m