

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052121AL\
 Data File : FC053872.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2021 8:26
 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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 5/25/2021 3:37:49 PM

Integration File: autoint1.e
 Quant Time: May 21 23:40:56 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)	11.535	2458658	17.759 ug/ml
Spiked Amount 50.000		Recovery =	35.52%
12) S 1-chlorooctadecane (S...	12.973	1919280	17.208 ug/ml
Spiked Amount 50.000		Recovery =	34.42%
Target Compounds			
1) T n-Nonane (C9)	3.302	2418143	20.473 ug/ml
2) T n-Decane (C10)	4.366	2463634	20.805 ug/ml
3) T A~Naphthalene (C11.7)	5.949	2681246	20.577 ug/ml
4) T n-Dodecane (C12)	6.382	2519292	20.820 ug/ml
5) T A~2-methylnaphthalene...	7.006	2690336	20.349 ug/ml
6) T n-Tetradecane (C14)	8.178	2507106	20.581 ug/ml
7) T n-Hexadecane (C16)	9.778	2438387	19.909 ug/ml
8) T n-Octadecane (C18)	11.220	2458380	18.877 ug/ml
10) T n-Eicosane (C20)	12.528	2385263	18.021 ug/ml
11) T n-Heneicosane (C21)	13.141	2330362	17.547 ug/ml
13) T n-Docosane (C22)	13.726	2306562	17.341 ug/ml
14) T n-Tetracosane (C24)	14.830	2252473	16.874 ug/ml
15) T n-Hexacosane (C26)	15.852	2181295	16.499 ug/ml
16) T n-Octacosane (C28)	16.802	2173998	16.607 ug/ml
17) T n-Tricontane (C30)	17.689	2209836	16.943 ug/ml
18) T n-Dotriacontane (C32)	18.522	2179654	17.274 ug/ml
19) T n-Tetratriacontane (C34)	19.306	2127218	17.459 ug/ml
20) T n-Hexatriacontane (C36)	20.045	2028841	17.353 ug/mlm
21) T n-Octatriacontane (C38)	20.777	1936392	18.823 ug/mlm
22) T n-Tetracontane (C40)	21.669	1972226	19.792 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

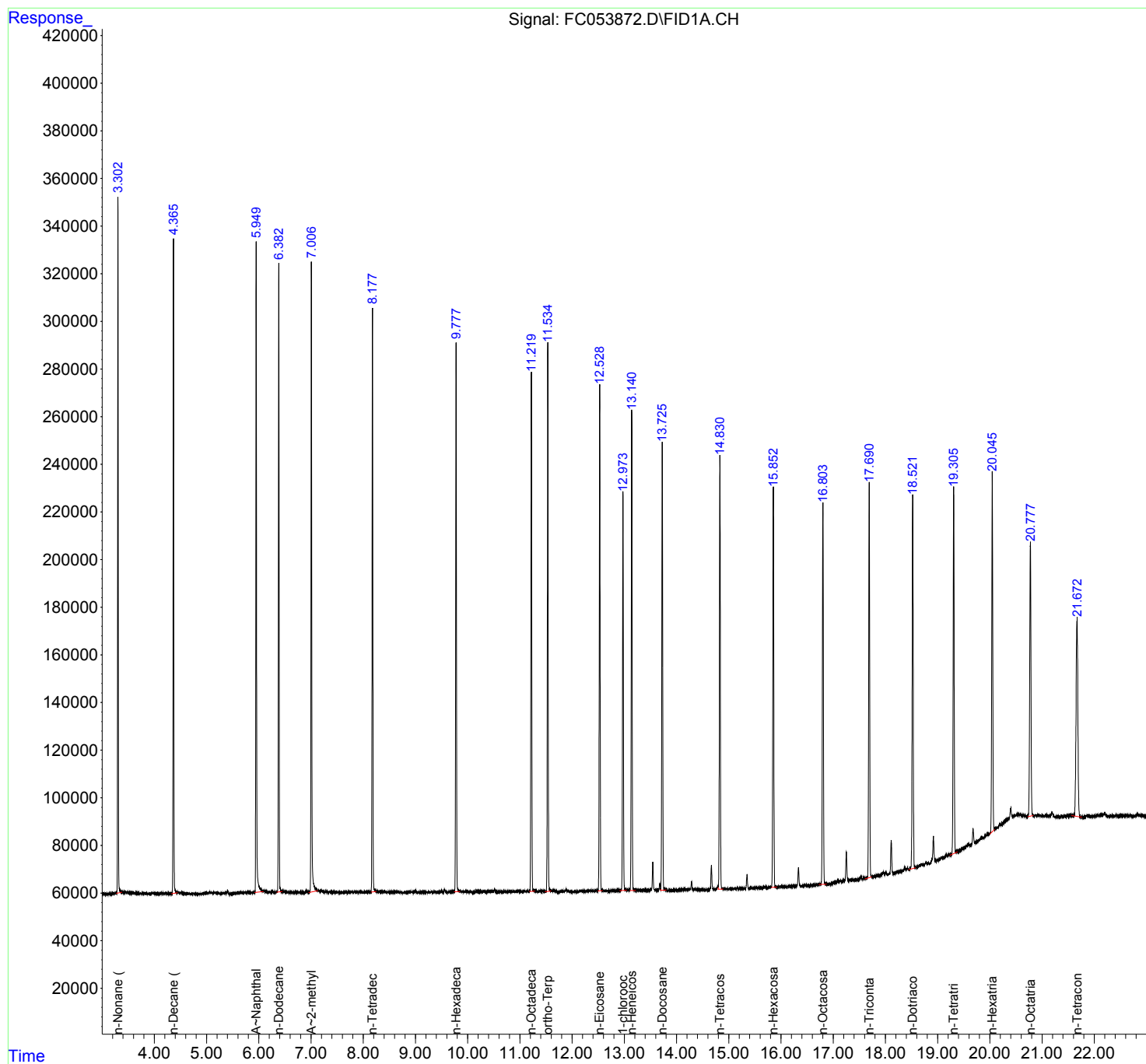
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

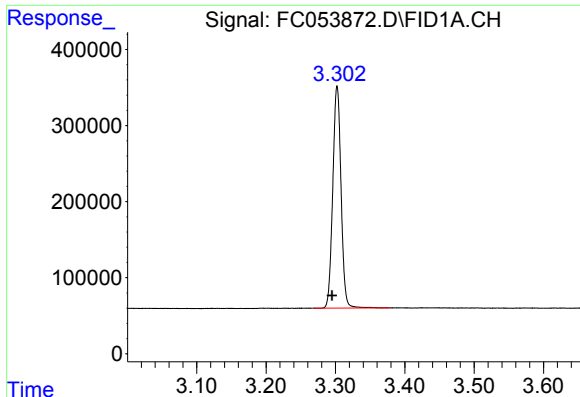
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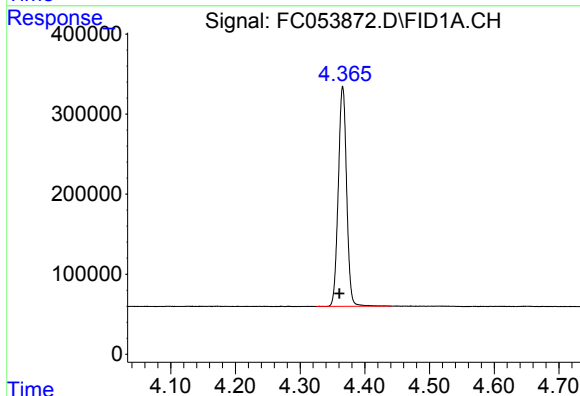
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.007 min
Response: 2418143
Conc: 20.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

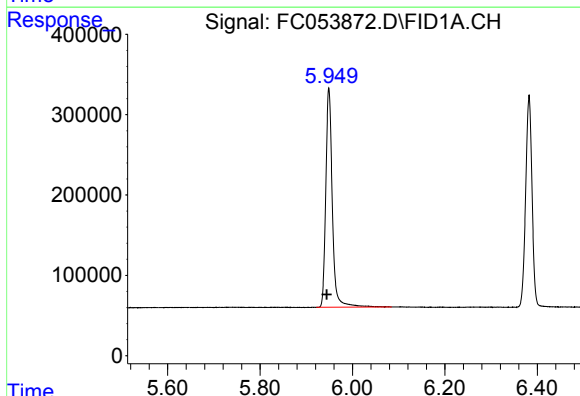
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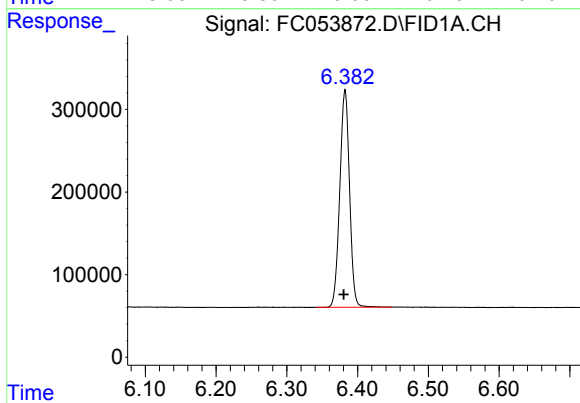
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.005 min
Response: 2463634
Conc: 20.80 ug/ml



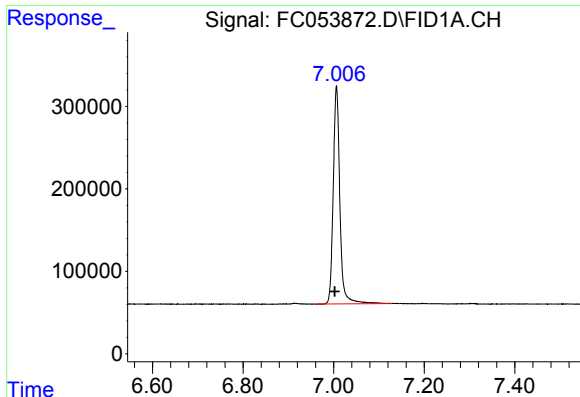
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: 0.004 min
Response: 2681246
Conc: 20.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 2519292
Conc: 20.82 ug/ml



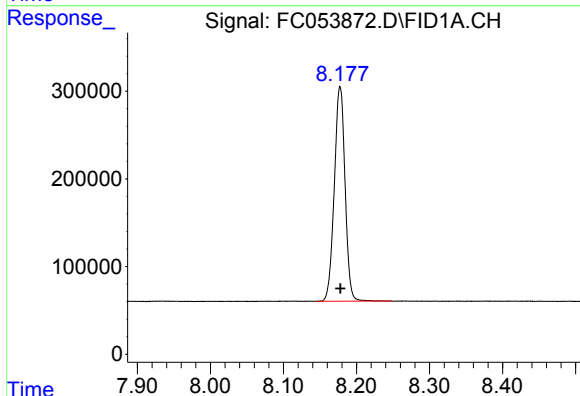
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.006 min
Delta R.T.: 0.004 min
Response: 2690336
Conc: 20.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

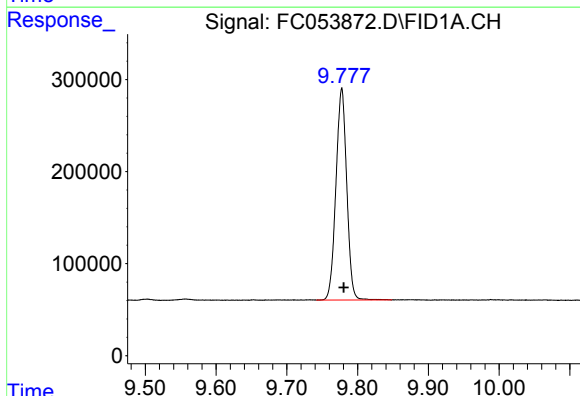
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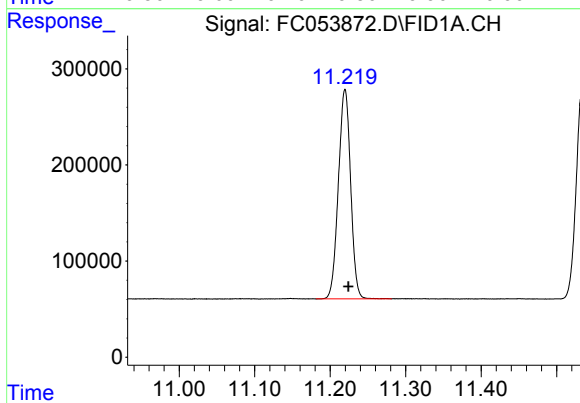
#6 n-Tetradecane (C14)

R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 2507106
Conc: 20.58 ug/ml



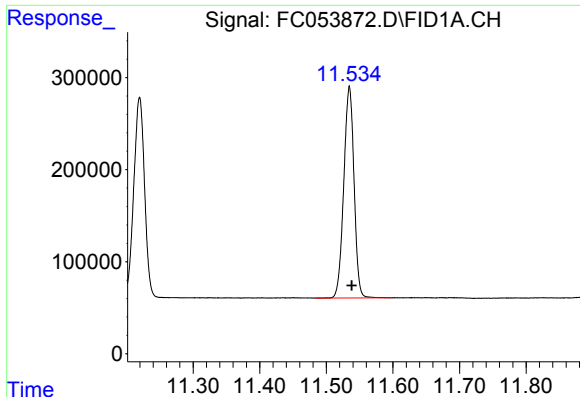
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: -0.003 min
Response: 2438387
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.220 min
Delta R.T.: -0.005 min
Response: 2458380
Conc: 18.88 ug/ml



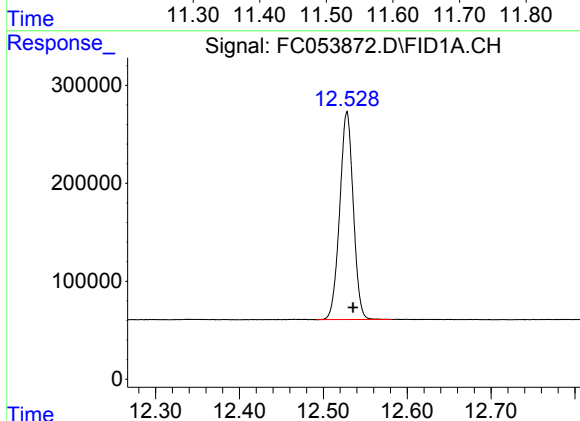
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.004 min
Response: 2458658
Conc: 17.76 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

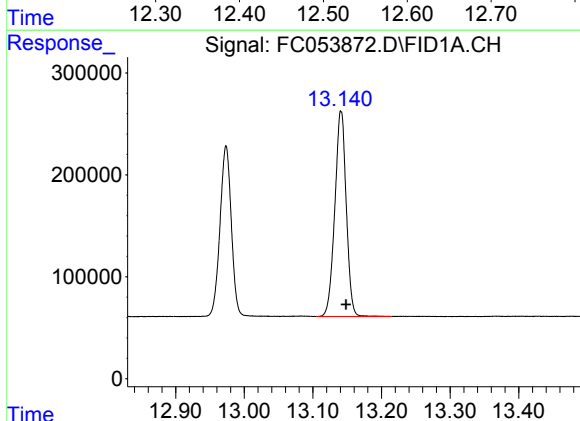
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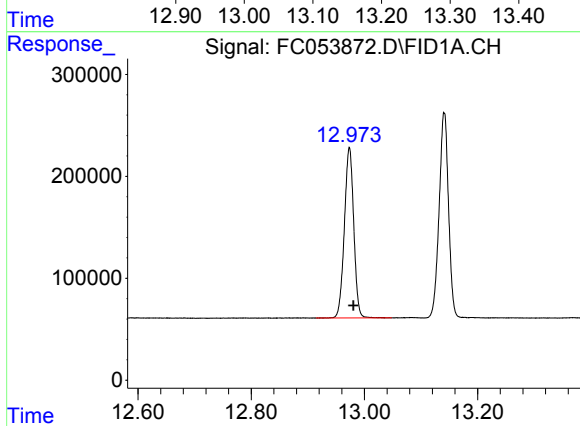
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.008 min
Response: 2385263
Conc: 18.02 ug/ml



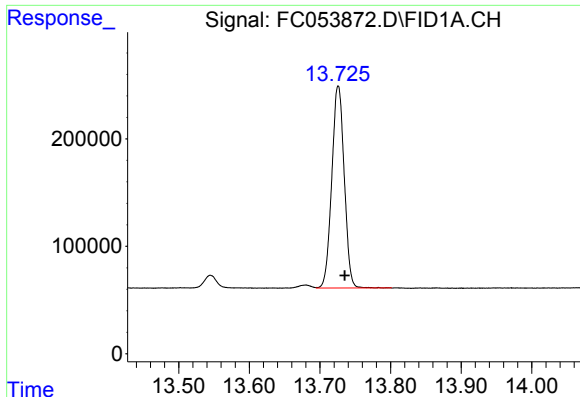
#11 n-Heneicosane (C21)

R.T.: 13.141 min
Delta R.T.: -0.007 min
Response: 2330362
Conc: 17.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.973 min
Delta R.T.: -0.007 min
Response: 1919280
Conc: 17.21 ug/ml



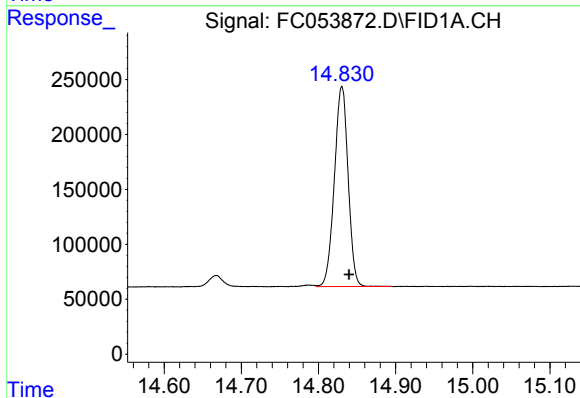
#13 n-Docosane (C22)

R.T.: 13.726 min
Delta R.T.: -0.009 min
Response: 2306562
Conc: 17.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

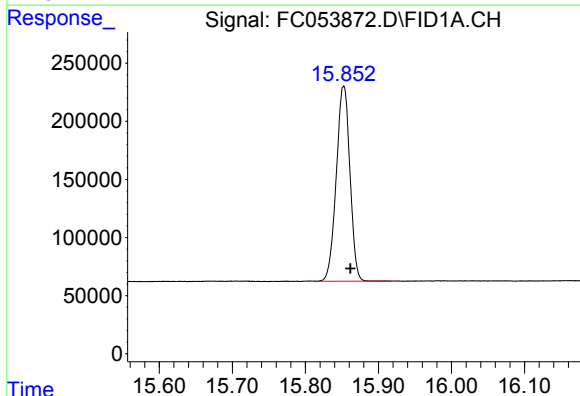
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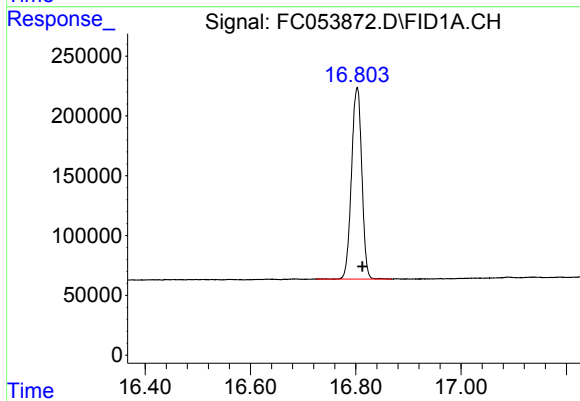
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.009 min
Response: 2252473
Conc: 16.87 ug/ml



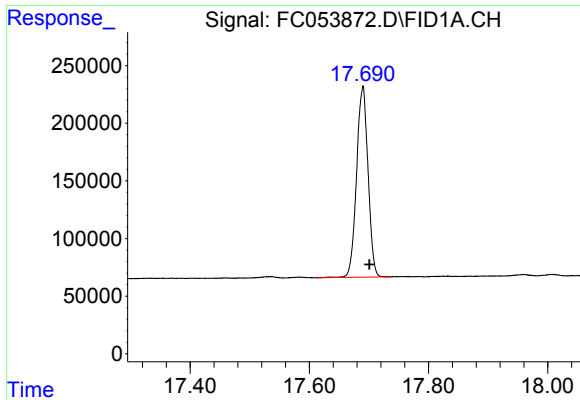
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.009 min
Response: 2181295
Conc: 16.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.010 min
Response: 2173998
Conc: 16.61 ug/ml



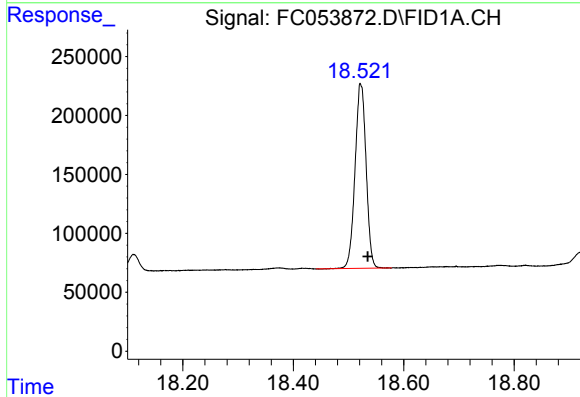
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.012 min
Response: 2209836
Conc: 16.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

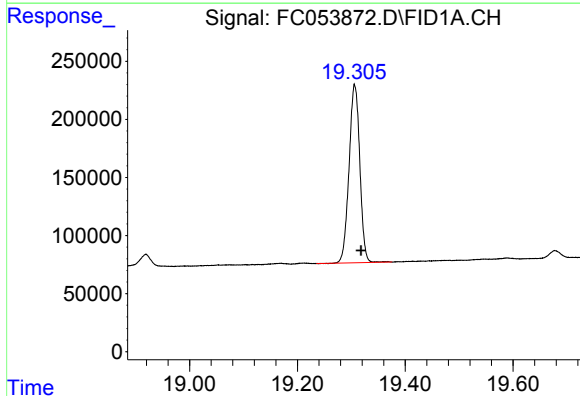
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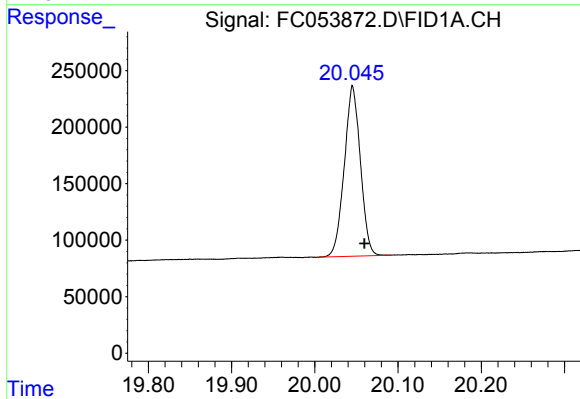
#18 n-Dotriacontane (C32)

R.T.: 18.522 min
Delta R.T.: -0.012 min
Response: 2179654
Conc: 17.27 ug/ml



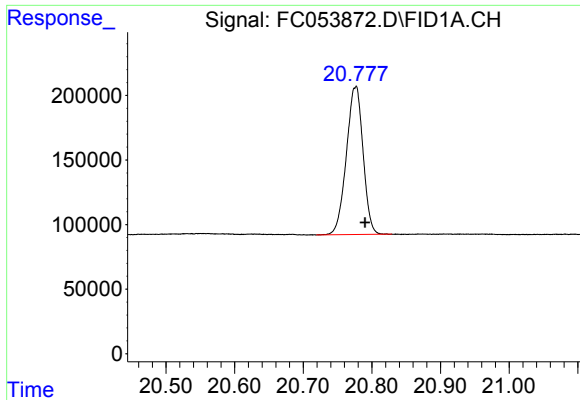
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.012 min
Response: 2127218
Conc: 17.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.045 min
Delta R.T.: -0.015 min
Response: 2028841
Conc: 17.35 ug/ml m



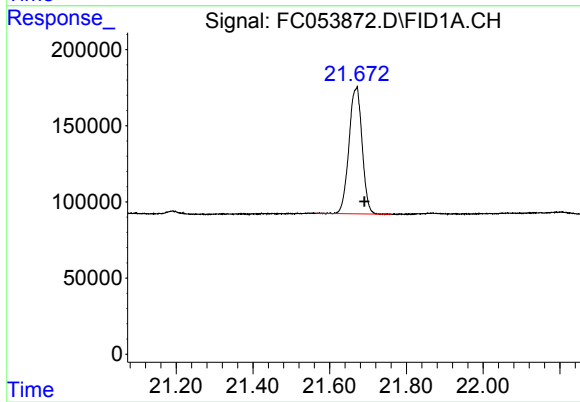
#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.013 min
Response: 1936392
Conc: 18.82 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: -0.021 min
Response: 1972226
Conc: 19.79 ug/ml