

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052021AL\
 Data File : FC053863.D
 Signal(s) : FID1A.CH
 Acq On : 21 May 2021 1:06
 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

Ankita
 5/21/2021 4:29:18 PM

Integration File: autoint1.e
 Quant Time: May 21 01:53:49 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)	11.537	2454505	17.729 ug/ml
Spiked Amount 50.000		Recovery =	35.46%
12) S 1-chlorooctadecane (S...	12.976	1912423	17.147 ug/ml
Spiked Amount 50.000		Recovery =	34.29%
Target Compounds			
1) T n-Nonane (C9)	3.305	2375669	20.114 ug/ml
2) T n-Decane (C10)	4.368	2429883	20.520 ug/ml
3) T A~Naphthalene (C11.7)	5.952	2643852	20.290 ug/ml
4) T n-Dodecane (C12)	6.384	2481622	20.509 ug/ml
5) T A~2-methylnaphthalene...	7.008	2661120	20.128 ug/ml
6) T n-Tetradecane (C14)	8.179	2462363	20.214 ug/ml
7) T n-Hexadecane (C16)	9.779	2396248	19.565 ug/ml
8) T n-Octadecane (C18)	11.222	2424222	18.614 ug/ml
10) T n-Eicosane (C20)	12.531	2357956	17.815 ug/ml
11) T n-Heneicosane (C21)	13.143	2302111	17.334 ug/ml
13) T n-Docosane (C22)	13.730	2285692	17.184 ug/ml
14) T n-Tetracosane (C24)	14.832	2264761	16.966 ug/ml
15) T n-Hexacosane (C26)	15.854	2179587	16.486 ug/ml
16) T n-Octacosane (C28)	16.804	2172996	16.600 ug/ml
17) T n-Tricontane (C30)	17.692	2186547	16.764 ug/ml
18) T n-Dotriacontane (C32)	18.524	2158444	17.106 ug/ml
19) T n-Tetratriacontane (C34)	19.307	2105881	17.284 ug/mlm
20) T n-Hexatriacontane (C36)	20.047	2019729	17.275 ug/mlm
21) T n-Octatriacontane (C38)	20.777	1904384	18.512 ug/ml
22) T n-Tetracontane (C40)	21.671	1941436	19.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052021AL\
Data File : FC053863.D
Signal(s) : FID1A.CH
Acq On : 21 May 2021 1:06
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

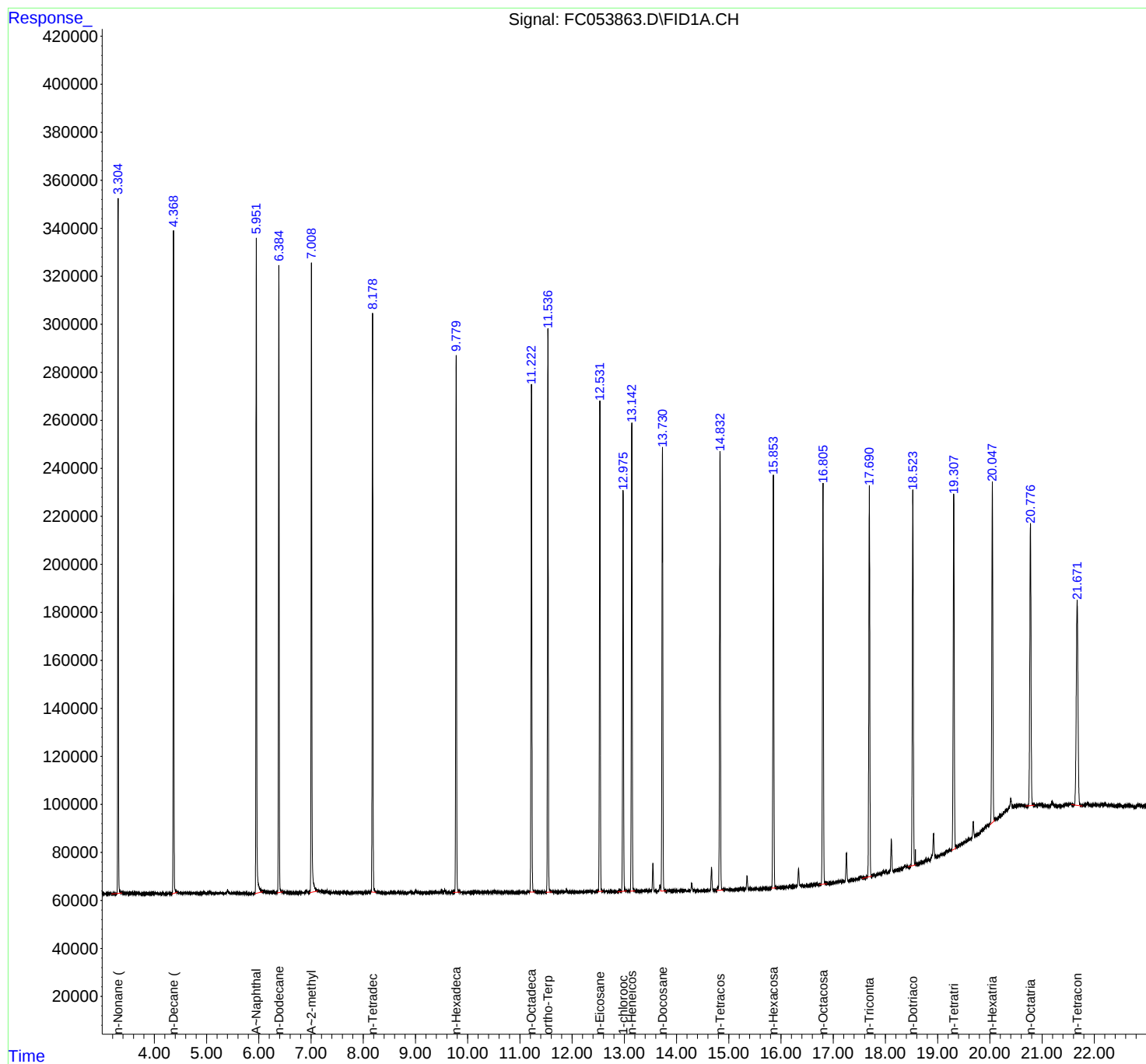
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

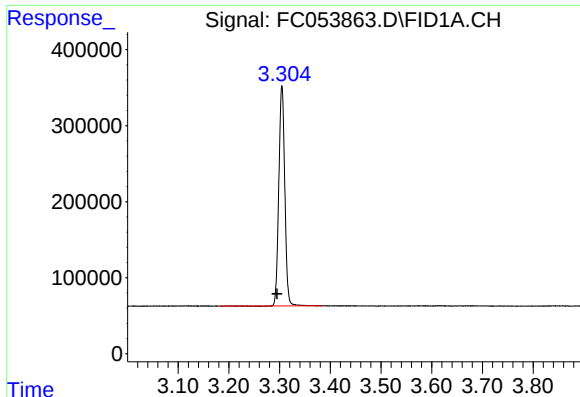
Manual Integrations
APPROVED

Ankita
5/21/2021 4:29:18 PM

Integration File: autoint1.e
Quant Time: May 21 01:53:49 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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





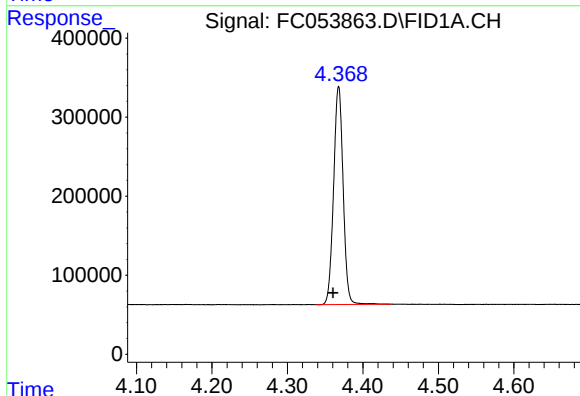
#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: 0.010 min
Response: 2375669
Conc: 20.11 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

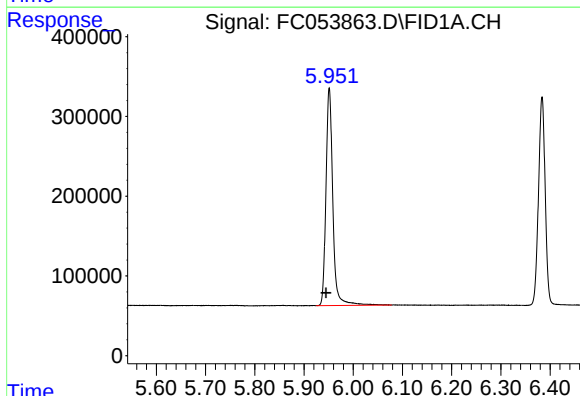
Manual Integrations
APPROVED

Ankita
5/21/2021 4:29:18 PM



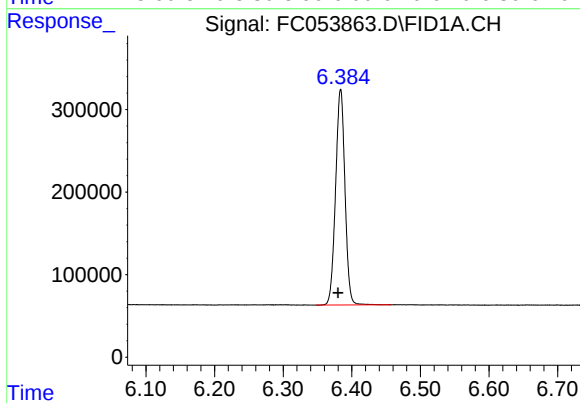
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.007 min
Response: 2429883
Conc: 20.52 ug/ml



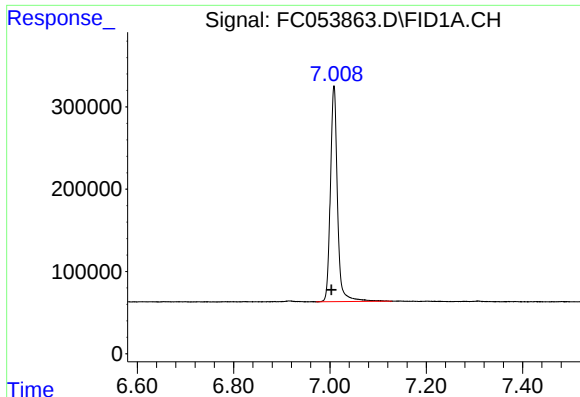
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: 0.007 min
Response: 2643852
Conc: 20.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: 0.003 min
Response: 2481622
Conc: 20.51 ug/ml



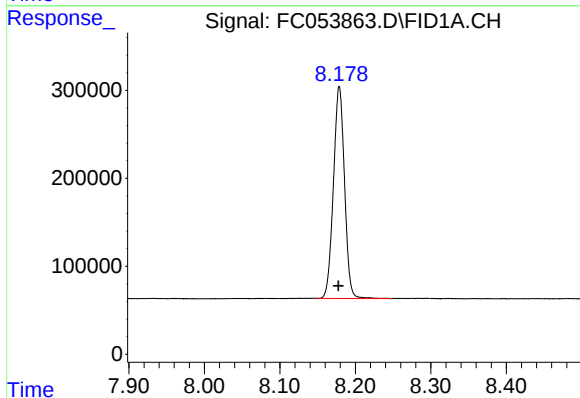
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: 0.005 min
Response: 2661120
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

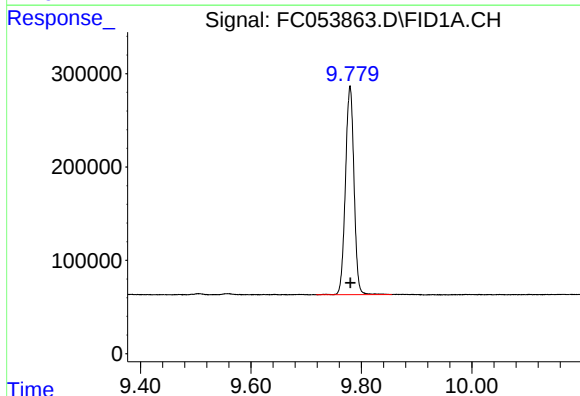
Manual Integrations
APPROVED

Ankita
5/21/2021 4:29:18 PM



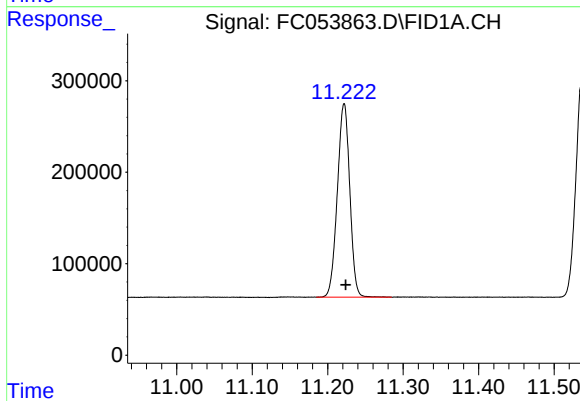
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 2462363
Conc: 20.21 ug/ml



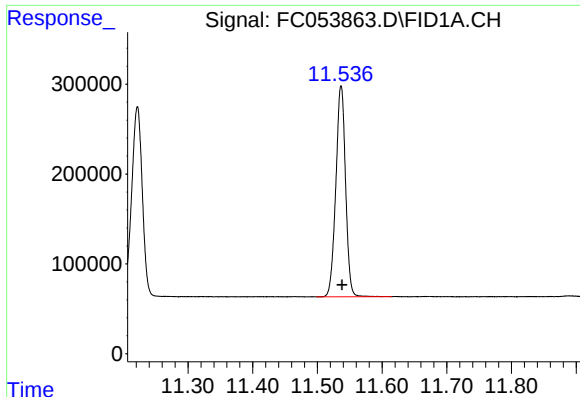
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: 0.000 min
Response: 2396248
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.002 min
Response: 2424222
Conc: 18.61 ug/ml



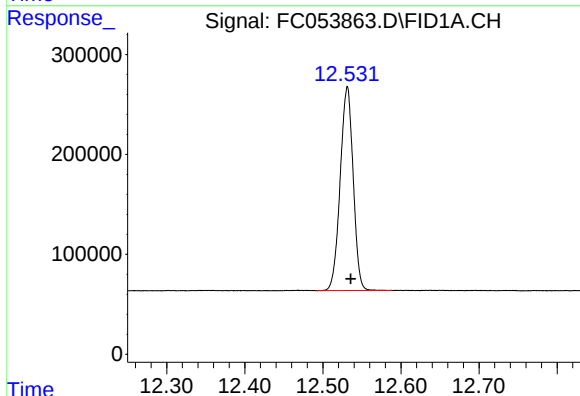
#9 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.002 min
Response: 2454505
Conc: 17.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

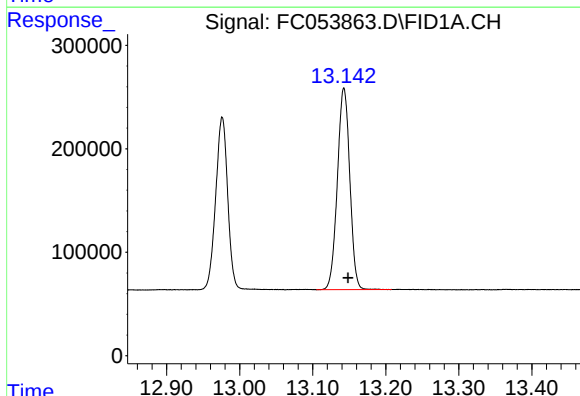
Manual Integrations
APPROVED

Ankita
5/21/2021 4:29:18 PM



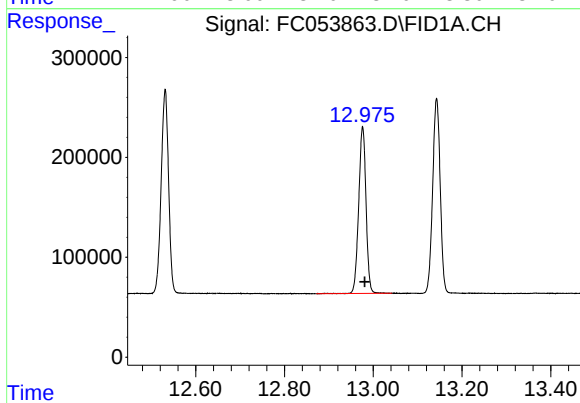
#10 n-Eicosane (C20)

R.T.: 12.531 min
Delta R.T.: -0.005 min
Response: 2357956
Conc: 17.81 ug/ml



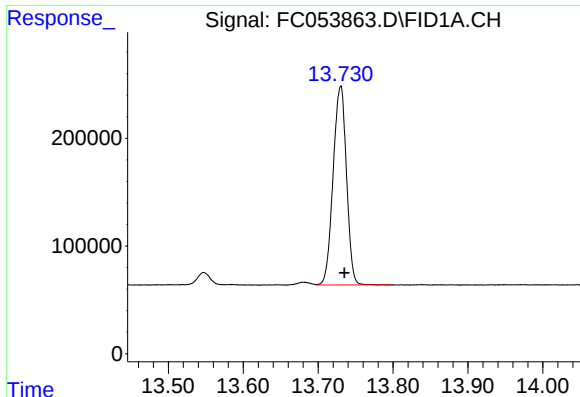
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.006 min
Response: 2302111
Conc: 17.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.004 min
Response: 1912423
Conc: 17.15 ug/ml



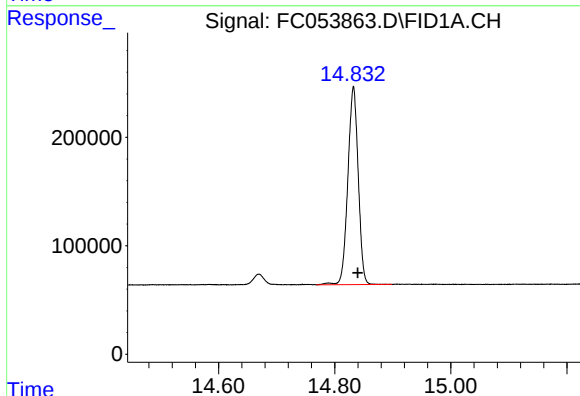
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.005 min
Response: 2285692
Conc: 17.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

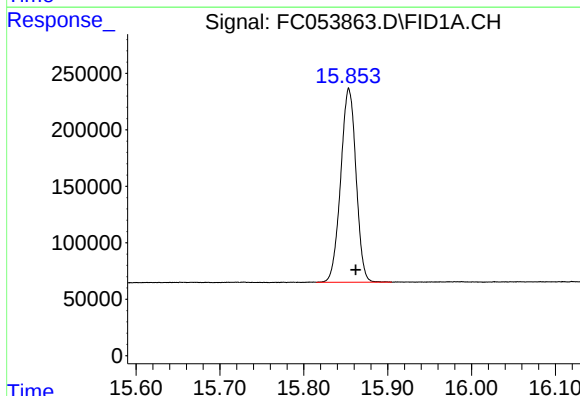
Manual Integrations
APPROVED

Ankita
5/21/2021 4:29:18 PM



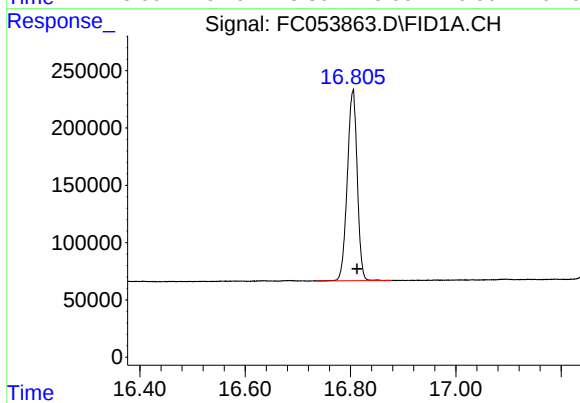
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.007 min
Response: 2264761
Conc: 16.97 ug/ml



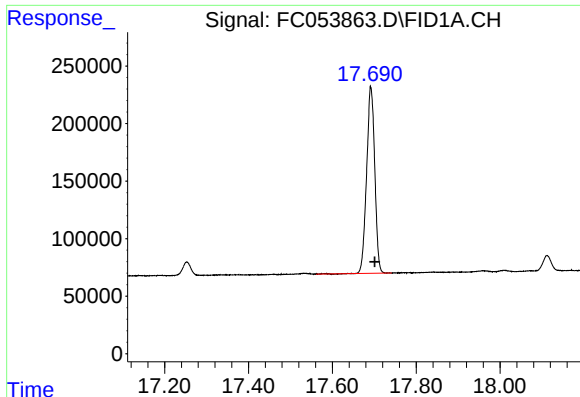
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.008 min
Response: 2179587
Conc: 16.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.804 min
Delta R.T.: -0.008 min
Response: 2172996
Conc: 16.60 ug/ml



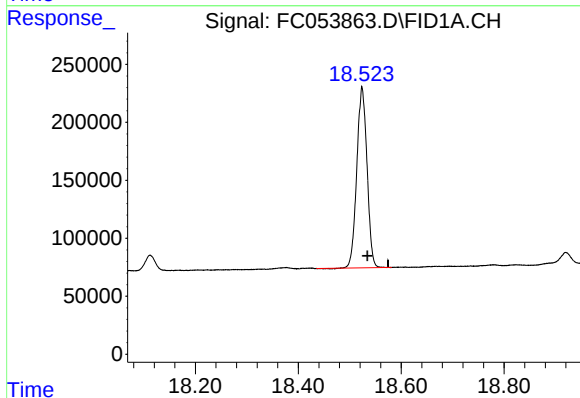
#17 n-Tricontane (C30)

R.T.: 17.692 min
Delta R.T.: -0.009 min
Response: 2186547
Conc: 16.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

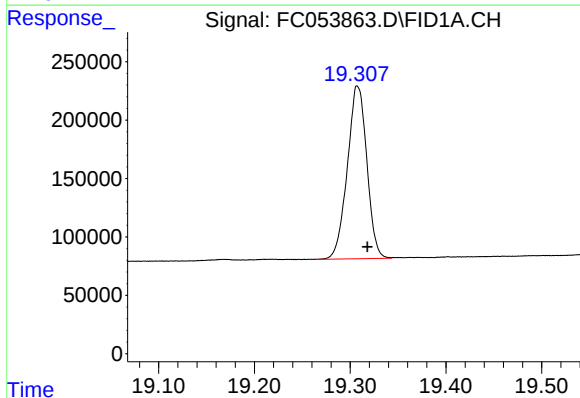
Manual Integrations
APPROVED

Ankita
5/21/2021 4:29:18 PM



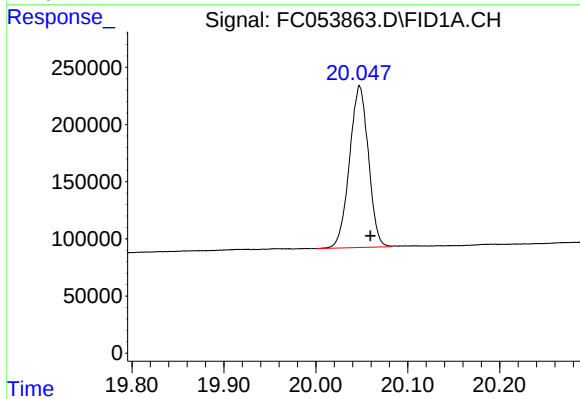
#18 n-Dotriacontane (C32)

R.T.: 18.524 min
Delta R.T.: -0.011 min
Response: 2158444
Conc: 17.11 ug/ml



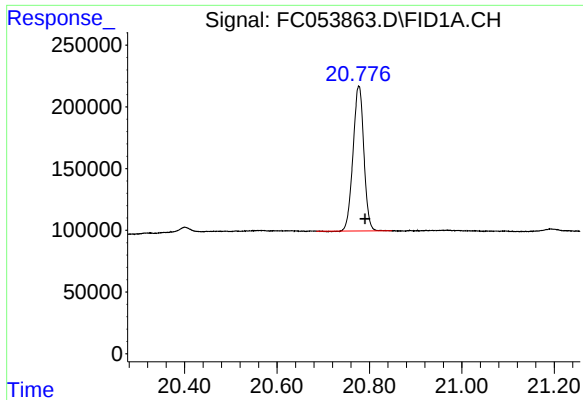
#19 n-Tetratriacontane (C34)

R.T.: 19.307 min
Delta R.T.: -0.011 min
Response: 2105881
Conc: 17.28 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.047 min
Delta R.T.: -0.012 min
Response: 2019729
Conc: 17.27 ug/ml m



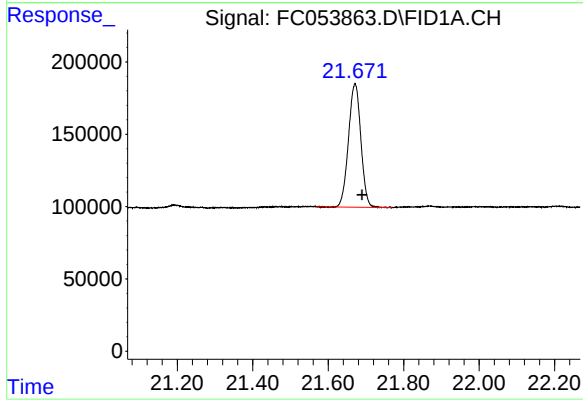
#21 n-Octatriacontane (C38)

R.T.: 20.777 min
Delta R.T.: -0.013 min
Response: 1904384
Conc: 18.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
5/21/2021 4:29:18 PM



#22 n-Tetracontane (C40)

R.T.: 21.671 min
Delta R.T.: -0.019 min
Response: 1941436
Conc: 19.48 ug/ml