

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042221AL\
 Data File : FC053352.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2021 13:36
 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
 4/23/2021 4:43:10 PM

Integration File: autoint1.e
 Quant Time: Apr 23 14:12:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.550	2877542	20.792 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
12) S 1-chlorooctadecane (S...	12.991	2215410	20.469 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
Target Compounds			
1) T n-Nonane (C9)	3.303	2591192	22.335 ug/ml
2) T n-Decane (C10)	4.369	2613524	22.331 ug/ml
3) T A~Naphthalene (C11.7)	5.955	2926331	22.494 ug/ml
4) T n-Dodecane (C12)	6.390	2696765	22.598 ug/ml
5) T A~2-methylnaphthalene...	7.013	3002530	22.716 ug/ml
6) T n-Tetradecane (C14)	8.188	2722272	22.368 ug/ml
7) T n-Hexadecane (C16)	9.791	2671411	22.201 ug/ml
8) T n-Octadecane (C18)	11.235	2751859	21.717 ug/ml
10) T n-Eicosane (C20)	12.546	2698849	21.045 ug/ml
11) T n-Heneicosane (C21)	13.159	2654377	20.668 ug/ml
13) T n-Docosane (C22)	13.746	2599368	20.169 ug/ml
14) T n-Tetracosane (C24)	14.851	2491461	19.290 ug/ml
15) T n-Hexacosane (C26)	15.872	2354966	18.324 ug/ml
16) T n-Octacosane (C28)	16.824	2272461	17.547 ug/ml
17) T n-Tricontane (C30)	17.712	2238180	16.621 ug/ml
18) T n-Dotriacontane (C32)	18.546	2190532	15.973 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2123386	16.271 ug/ml
20) T n-Hexatriacontane (C36)	20.071	2119373	17.504 ug/mlm
21) T n-Octatriacontane (C38)	20.803	1942376	18.434 ug/mlm
22) T n-Tetracontane (C40)	21.707	2021486	19.307 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042221AL\
Data File : FC053352.D
Signal(s) : FID1A.CH
Acq On : 23 Apr 2021 13:36
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

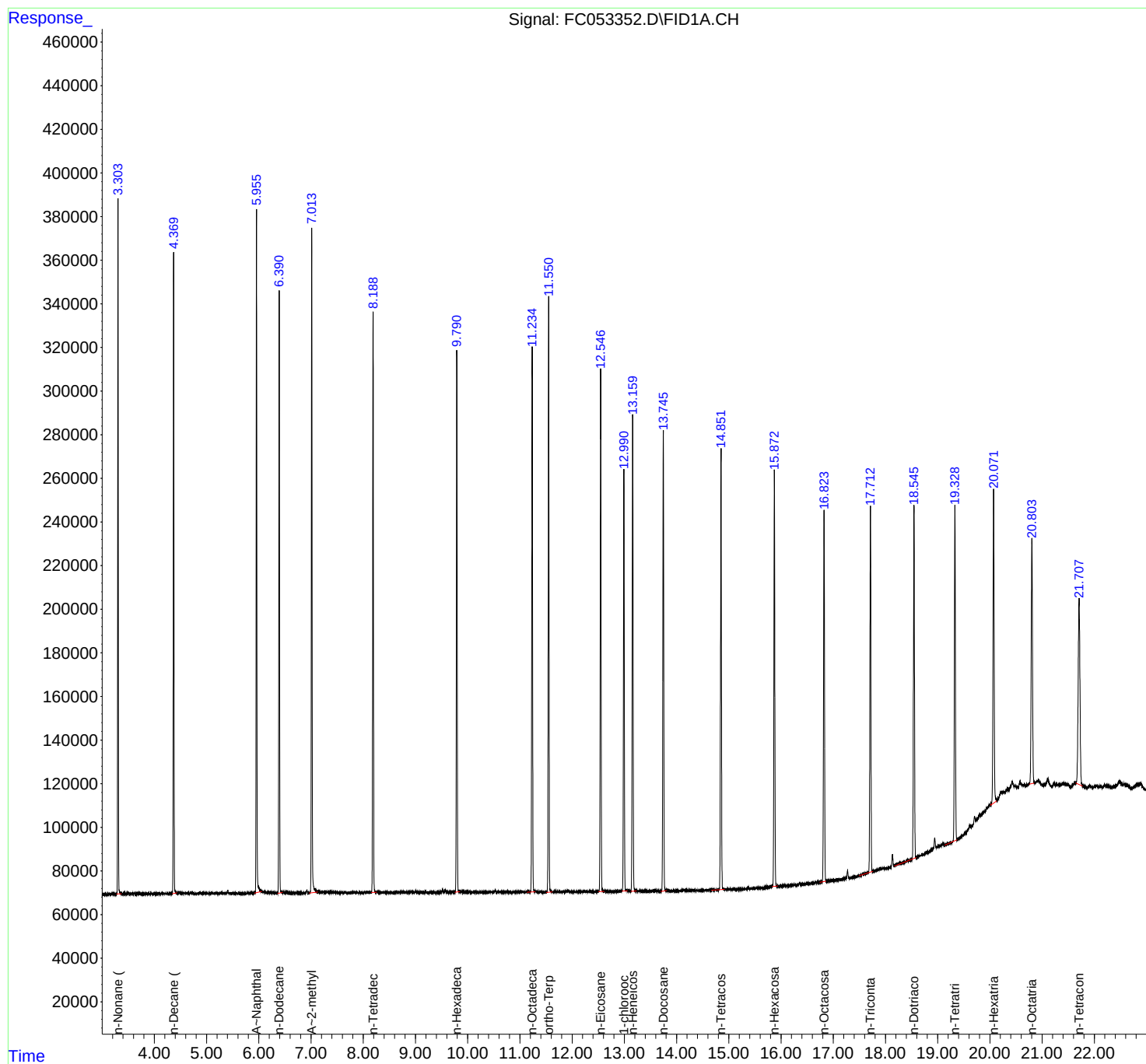
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

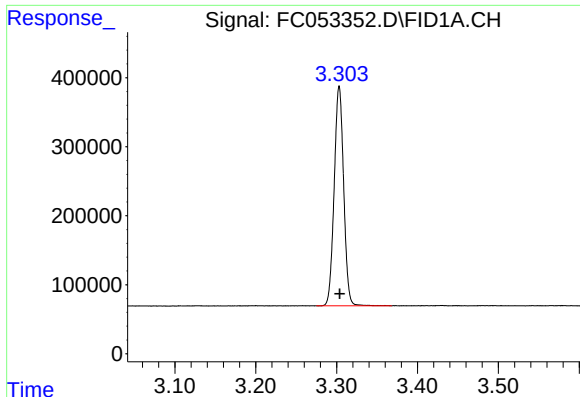
Manual Integrations
APPROVED

Ankita
4/23/2021 4:43:10 PM

Integration File: autoint1.e
Quant Time: Apr 23 14:12:53 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042021.M
Quant Title : GC Extractables
QLast Update : Wed Apr 21 11:02:12 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





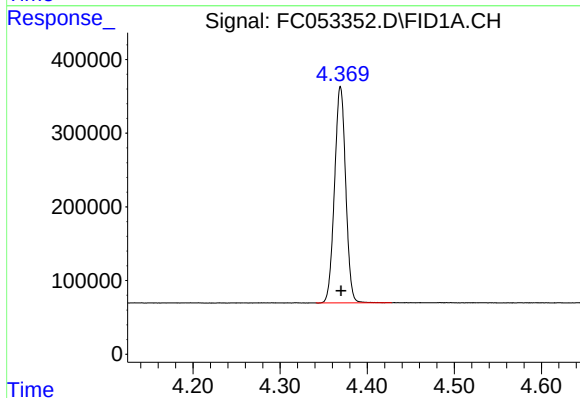
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 2591192
Conc: 22.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

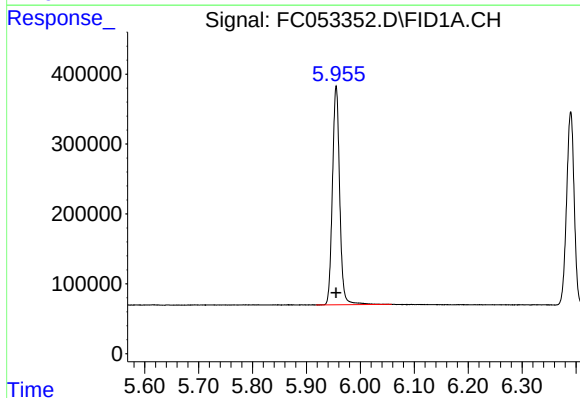
Manual Integrations
APPROVED

Ankita
4/23/2021 4:43:10 PM



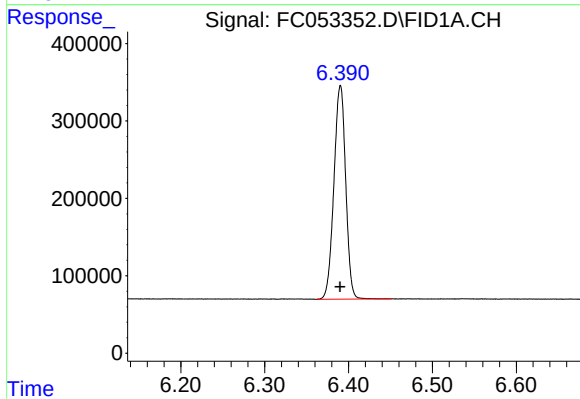
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 2613524
Conc: 22.33 ug/ml



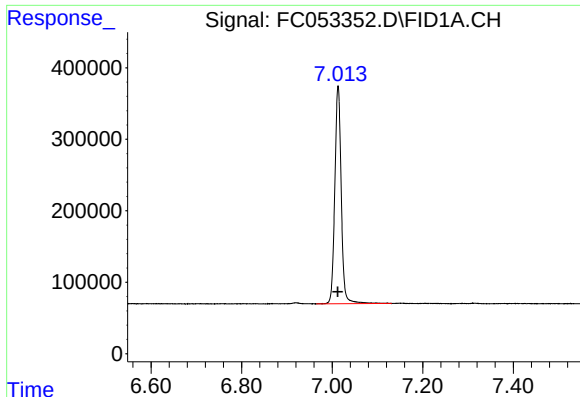
#3 A~Naphthalene (C11.7)

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 2926331
Conc: 22.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 2696765
Conc: 22.60 ug/ml



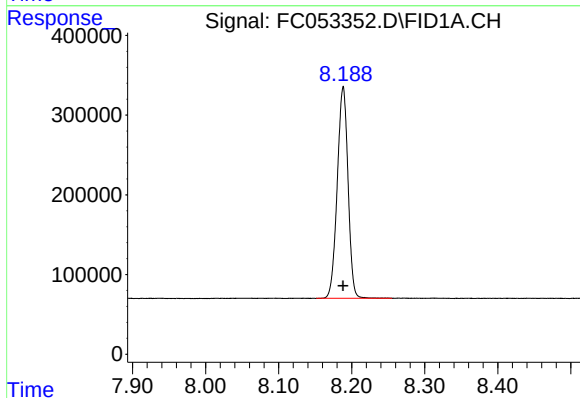
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 3002530
Conc: 22.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

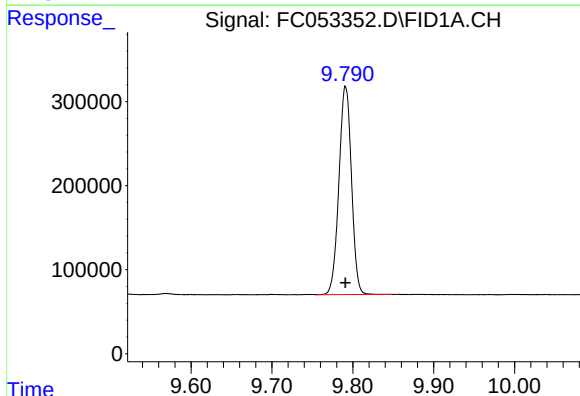
Manual Integrations
APPROVED

Ankita
4/23/2021 4:43:10 PM



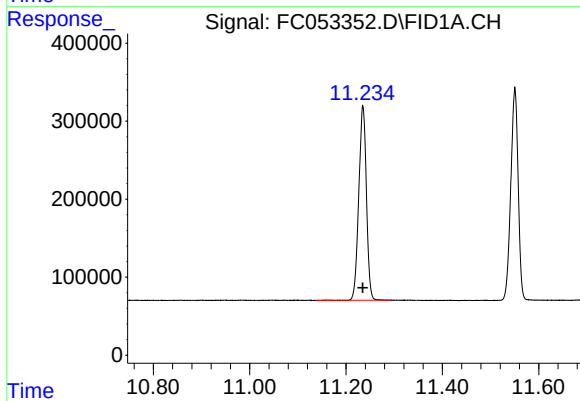
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 2722272
Conc: 22.37 ug/ml



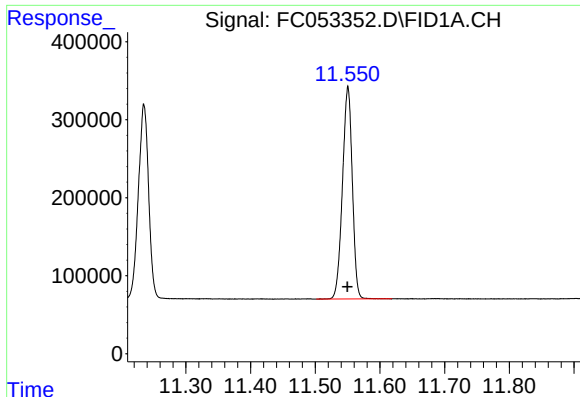
#7 n-Hexadecane (C16)

R.T.: 9.791 min
Delta R.T.: 0.000 min
Response: 2671411
Conc: 22.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 2751859
Conc: 21.72 ug/ml



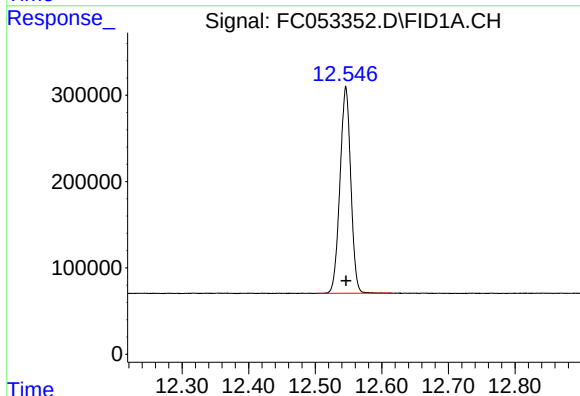
#9 ortho-Terphenyl (SURR)

R.T.: 11.550 min
Delta R.T.: 0.000 min
Response: 2877542
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

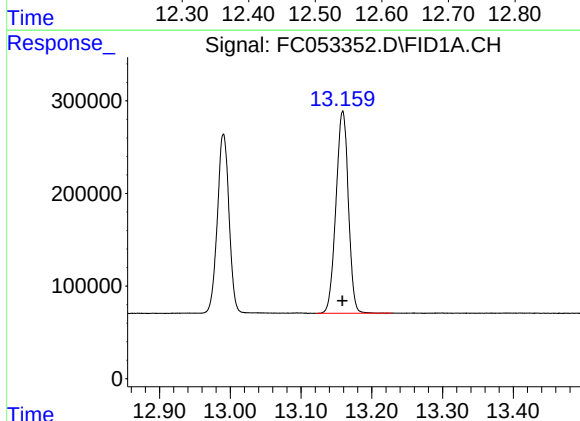
Manual Integrations
APPROVED

Ankita
4/23/2021 4:43:10 PM



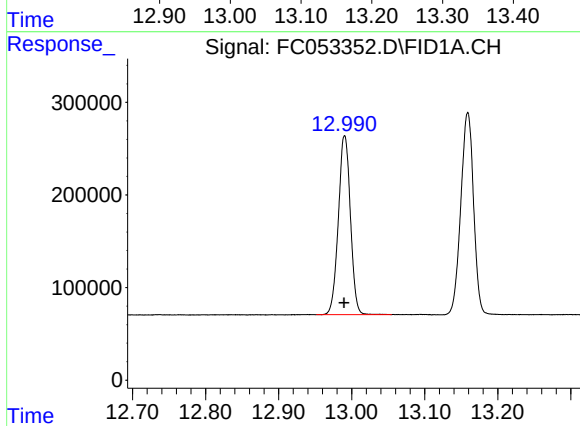
#10 n-Eicosane (C20)

R.T.: 12.546 min
Delta R.T.: 0.000 min
Response: 2698849
Conc: 21.05 ug/ml



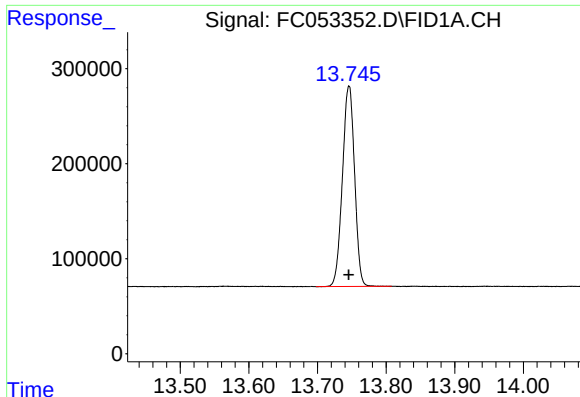
#11 n-Heneicosane (C21)

R.T.: 13.159 min
Delta R.T.: 0.000 min
Response: 2654377
Conc: 20.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 2215410
Conc: 20.47 ug/ml



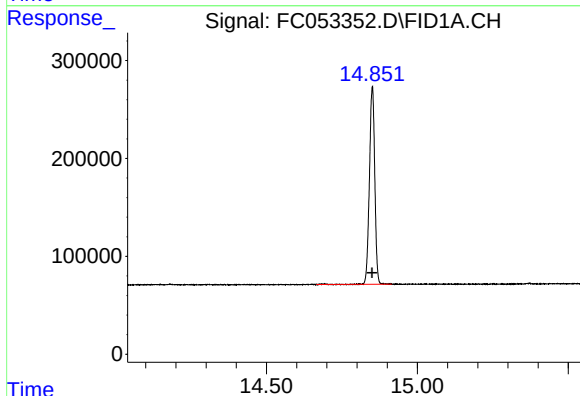
#13 n-Docosane (C22)

R.T.: 13.746 min
Delta R.T.: 0.000 min
Response: 2599368
Conc: 20.17 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

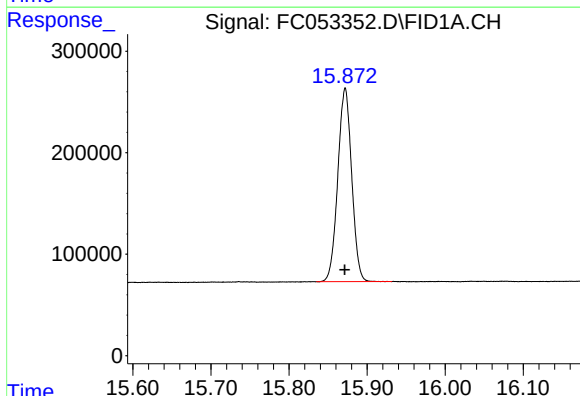
Manual Integrations
APPROVED

Ankita
4/23/2021 4:43:10 PM



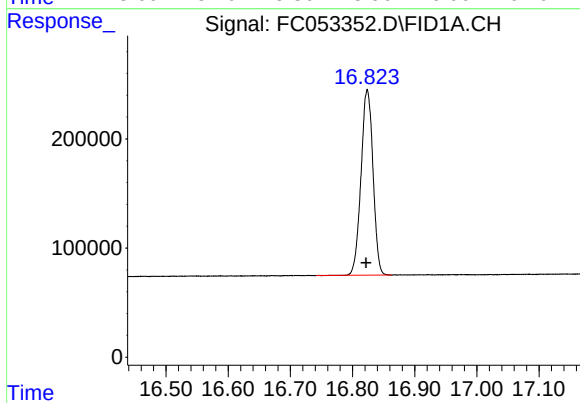
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.000 min
Response: 2491461
Conc: 19.29 ug/ml



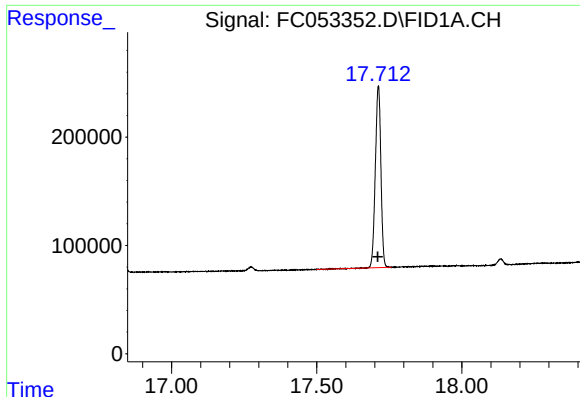
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.000 min
Response: 2354966
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.824 min
Delta R.T.: 0.002 min
Response: 2272461
Conc: 17.55 ug/ml



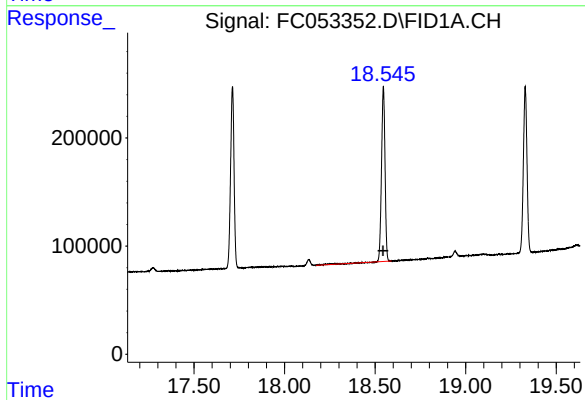
#17 n-Tricontane (C30)

R.T.: 17.712 min
Delta R.T.: 0.001 min
Response: 2238180
Conc: 16.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

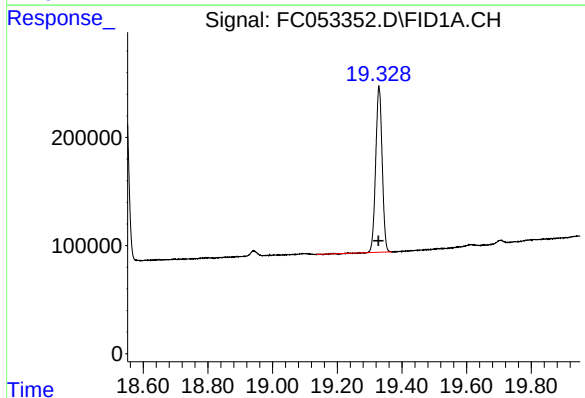
Manual Integrations
APPROVED

Ankita
4/23/2021 4:43:10 PM



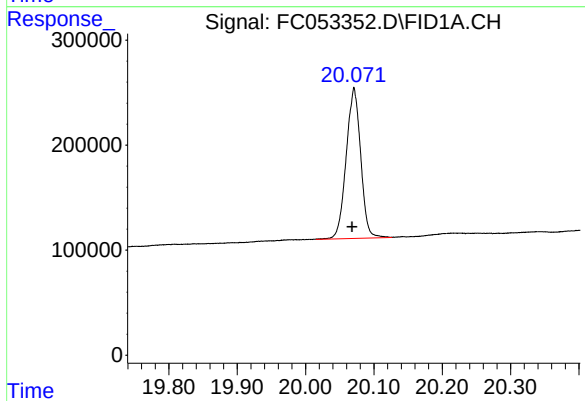
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.002 min
Response: 2190532
Conc: 15.97 ug/ml



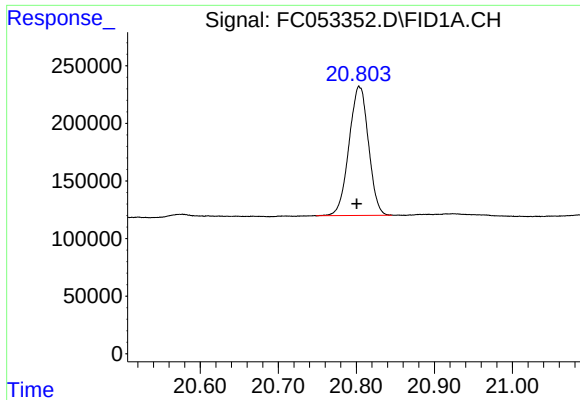
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.002 min
Response: 2123386
Conc: 16.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.003 min
Response: 2119373
Conc: 17.50 ug/ml m



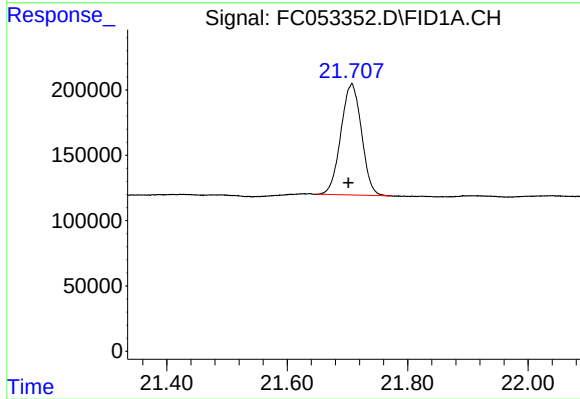
#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.003 min
Response: 1942376
Conc: 18.43 ug/ml m

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Ankita
4/23/2021 4:43:10 PM



#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: 0.006 min
Response: 2021486
Conc: 19.31 ug/ml m