

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041222AL\
 Data File : FC059181.D
 Signal(s) : FID1A.CH
 Acq On : 12 Apr 2022 14:29
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 04/13/2022
 Supervised By :mohammad ahmed 04/14/2022

Integration File: autoint1.e
 Quant Time: Apr 13 02:11:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.100	2916788	20.244 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
12) S 1-chlorooctadecane (S...	12.547	2269703	20.248 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
Target Compounds			
1) T n-Nonane (C9)	2.963	2687115	21.927 ug/ml
2) T n-Decane (C10)	4.005	2677884	21.852 ug/ml
3) T A~Naphthalene (C11.7)	5.553	2676001	21.313 ug/ml
4) T n-Dodecane (C12)	6.002	2783327	21.791 ug/ml
5) T A~2-methylnaphthalene...	6.601	2717096	21.195 ug/ml
6) T n-Tetradecane (C14)	7.784	2773048	21.328 ug/ml
7) T n-Hexadecane (C16)	9.375	2757266	20.764 ug/ml
8) T n-Octadecane (C18)	10.809	2741572	20.620 ug/ml
10) T n-Eicosane (C20)	12.111	2667064	20.356 ug/ml
11) T n-Heneicosane (C21)	12.719	2644653	20.269 ug/ml
13) T n-Docosane (C22)	13.302	2613746	20.176 ug/ml
14) T n-Tetracosane (C24)	14.400	2531923	20.043 ug/ml
15) T n-Hexacosane (C26)	15.415	2463514	20.395 ug/ml
16) T n-Octacosane (C28)	16.361	2451578	20.704 ug/ml
17) T n-Tricontane (C30)	17.245	2418966	21.205 ug/ml
18) T n-Dotriacontane (C32)	18.074	2334742	21.794 ug/ml
19) T n-Tetratriacontane (C34)	18.853	2222401	21.996 ug/mlm
20) T n-Hexatriacontane (C36)	19.592	2095424	21.930 ug/ml
21) T n-Octatriacontane (C38)	20.290	1995535	21.686 ug/ml
22) T n-Tetracontane (C40)	21.030	1980494	21.310 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041222AL\
Data File : FC059181.D
Signal(s) : FID1A.CH
Acq On : 12 Apr 2022 14:29
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

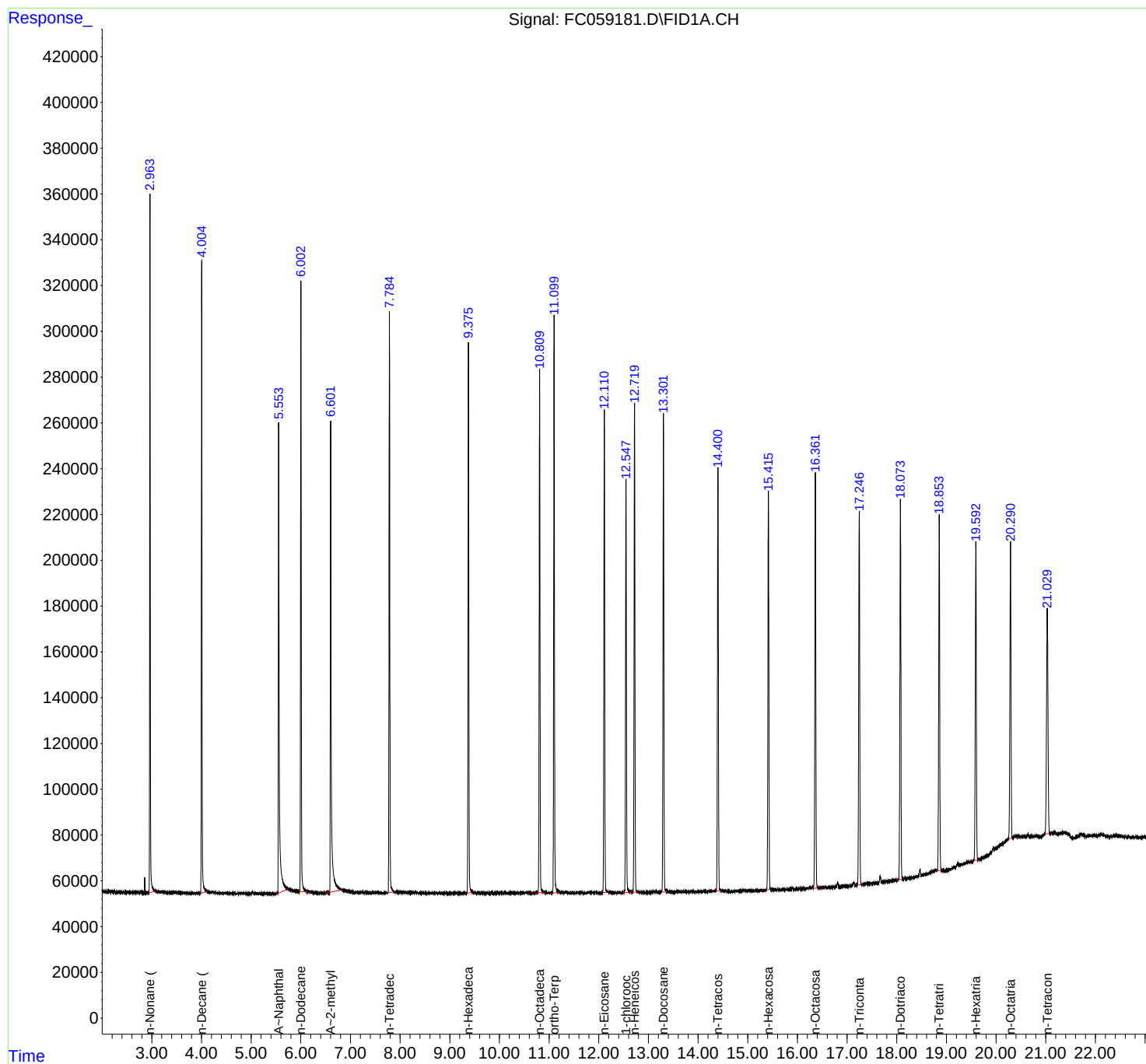
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

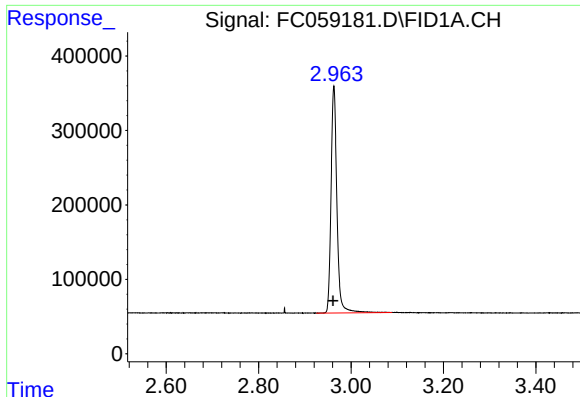
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/13/2022
Supervised By :mohammad ahmed 04/14/2022

Integration File: autoint1.e
Quant Time: Apr 13 02:11:36 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
Quant Title : GC Extractables
QLast Update : Fri Mar 25 23:18:46 2022
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





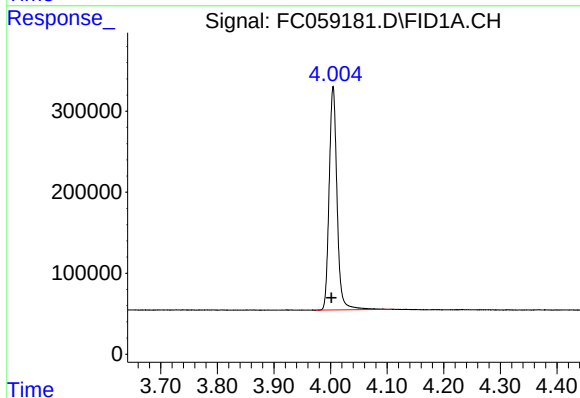
#1 n-Nonane (C9)

R.T.: 2.963 min
Delta R.T.: 0.002 min
Response: 2687115
Conc: 21.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

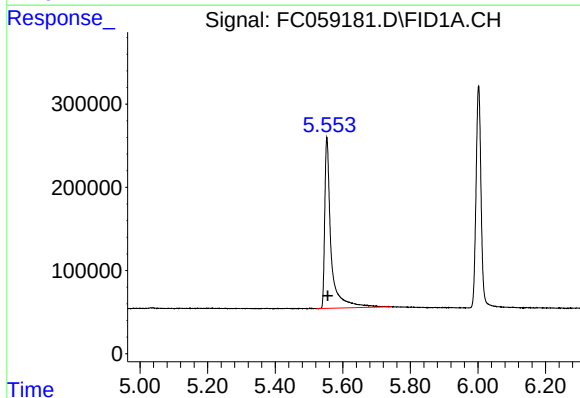
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/13/2022
Supervised By :mohammad ahmed 04/14/2022



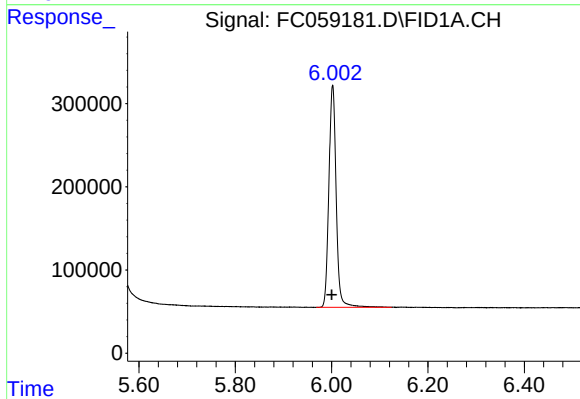
#2 n-Decane (C10)

R.T.: 4.005 min
Delta R.T.: 0.003 min
Response: 2677884
Conc: 21.85 ug/ml



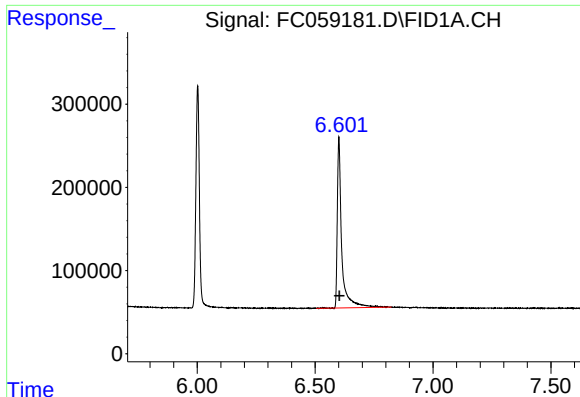
#3 A~Naphthalene (C11.7)

R.T.: 5.553 min
Delta R.T.: -0.002 min
Response: 2676001
Conc: 21.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 2783327
Conc: 21.79 ug/ml



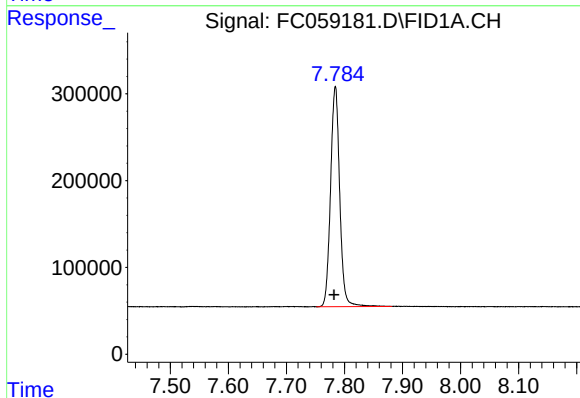
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.601 min
Delta R.T.: -0.002 min
Response: 2717096
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

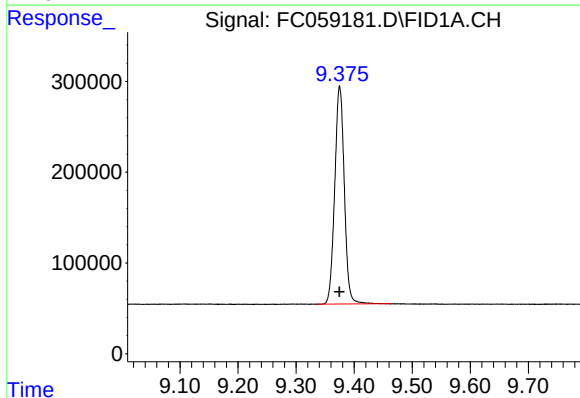
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/13/2022
Supervised By :mohammad ahmed 04/14/2022



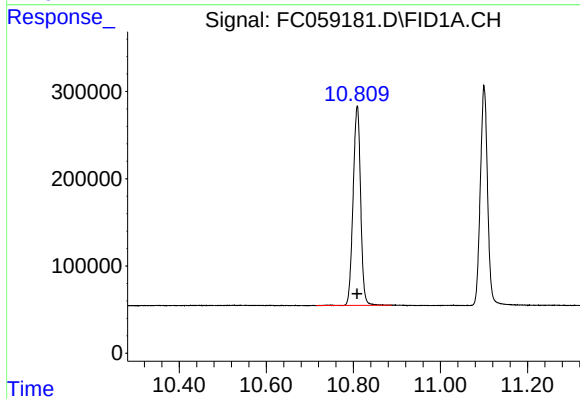
#6 n-Tetradecane (C14)

R.T.: 7.784 min
Delta R.T.: 0.002 min
Response: 2773048
Conc: 21.33 ug/ml



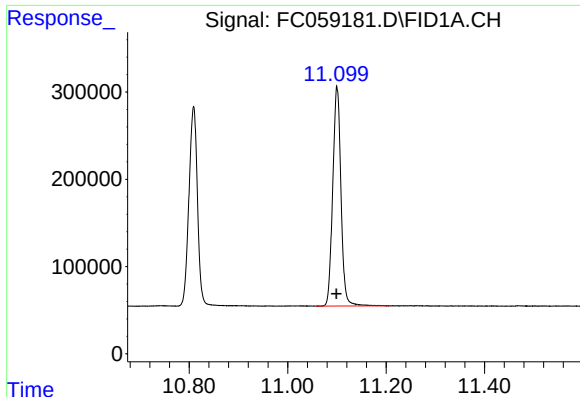
#7 n-Hexadecane (C16)

R.T.: 9.375 min
Delta R.T.: 0.000 min
Response: 2757266
Conc: 20.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.809 min
Delta R.T.: 0.000 min
Response: 2741572
Conc: 20.62 ug/ml



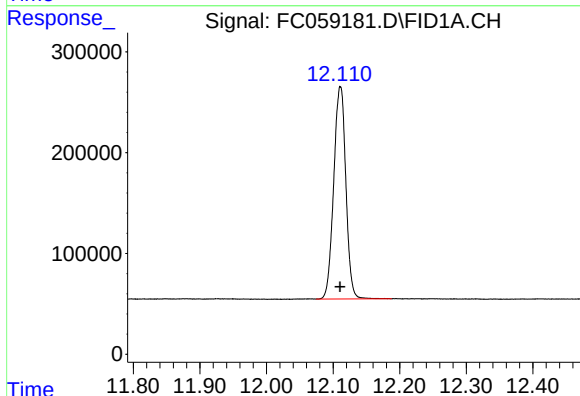
#9 ortho-Terphenyl (SURR)

R.T.: 11.100 min
Delta R.T.: 0.002 min
Response: 2916788
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

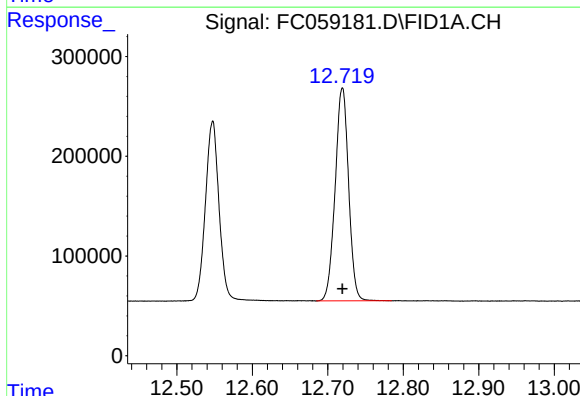
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/13/2022
Supervised By :mohammad ahmed 04/14/2022



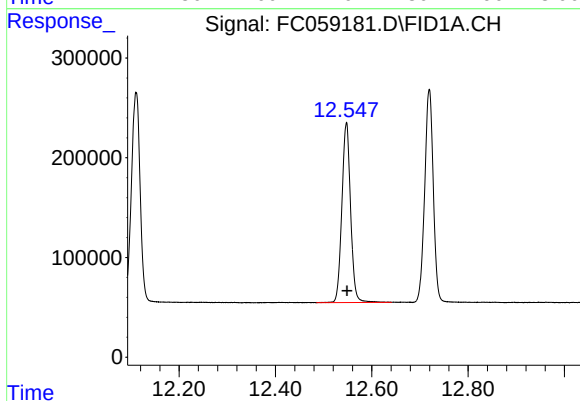
#10 n-Eicosane (C20)

R.T.: 12.111 min
Delta R.T.: 0.000 min
Response: 2667064
Conc: 20.36 ug/ml



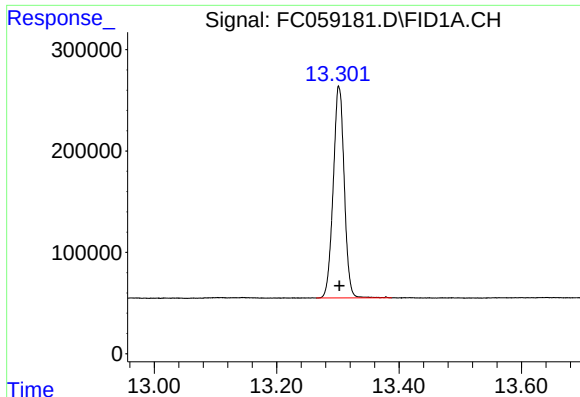
#11 n-Heneicosane (C21)

R.T.: 12.719 min
Delta R.T.: 0.000 min
Response: 2644653
Conc: 20.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.547 min
Delta R.T.: -0.001 min
Response: 2269703
Conc: 20.25 ug/ml



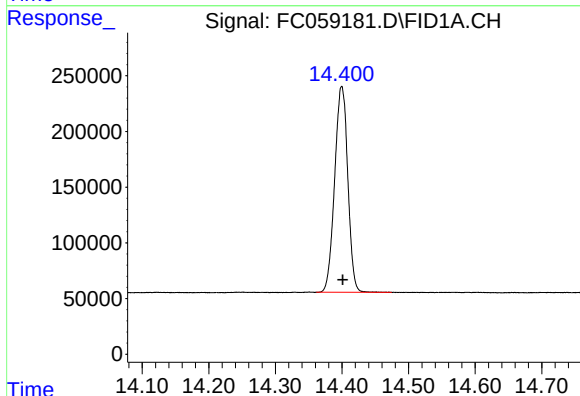
#13 n-Docosane (C22)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 2613746
Conc: 20.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

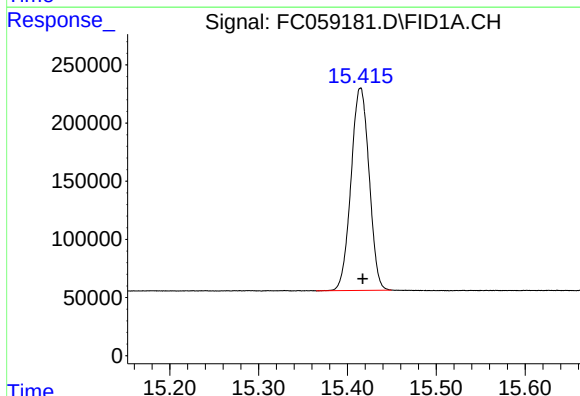
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/13/2022
Supervised By :mohammad ahmed 04/14/2022



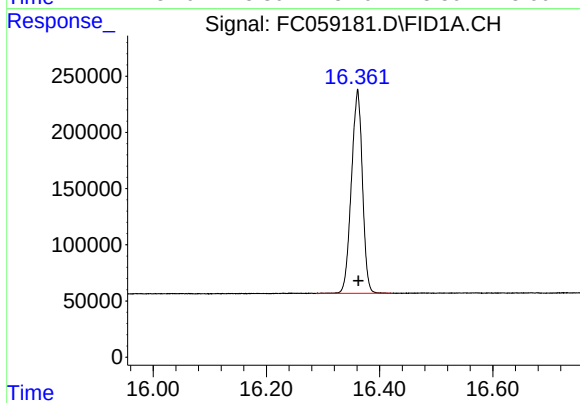
#14 n-Tetracosane (C24)

R.T.: 14.400 min
Delta R.T.: -0.001 min
Response: 2531923
Conc: 20.04 ug/ml



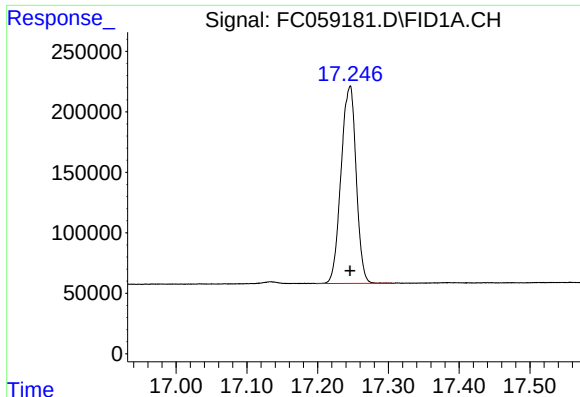
#15 n-Hexacosane (C26)

R.T.: 15.415 min
Delta R.T.: -0.002 min
Response: 2463514
Conc: 20.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.361 min
Delta R.T.: -0.001 min
Response: 2451578
Conc: 20.70 ug/ml



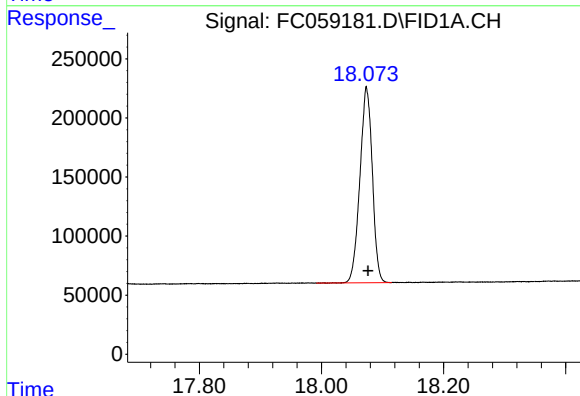
#17 n-Tricontane (C30)

R.T.: 17.245 min
Delta R.T.: -0.001 min
Response: 2418966
Conc: 21.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

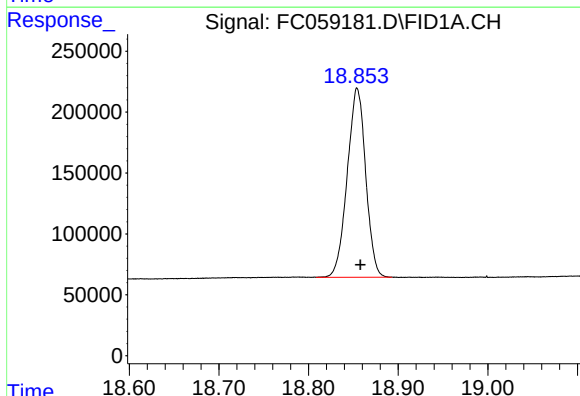
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/13/2022
Supervised By :mohammad ahmed 04/14/2022



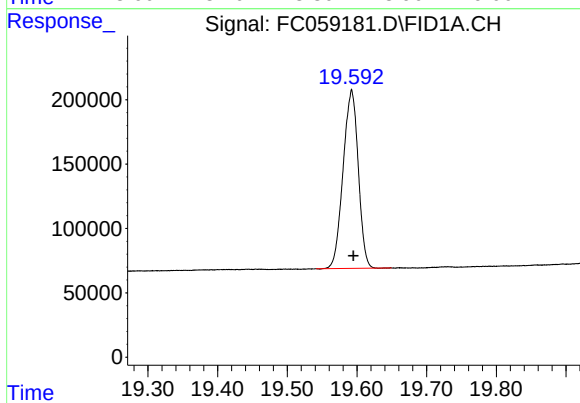
#18 n-Dotriacontane (C32)

R.T.: 18.074 min
Delta R.T.: -0.002 min
Response: 2334742
Conc: 21.79 ug/ml



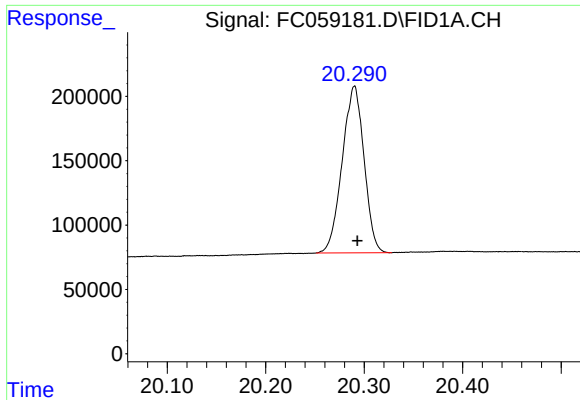
#19 n-Tetratriacontane (C34)

R.T.: 18.853 min
Delta R.T.: -0.005 min
Response: 2222401
Conc: 22.00 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.592 min
Delta R.T.: -0.003 min
Response: 2095424
Conc: 21.93 ug/ml



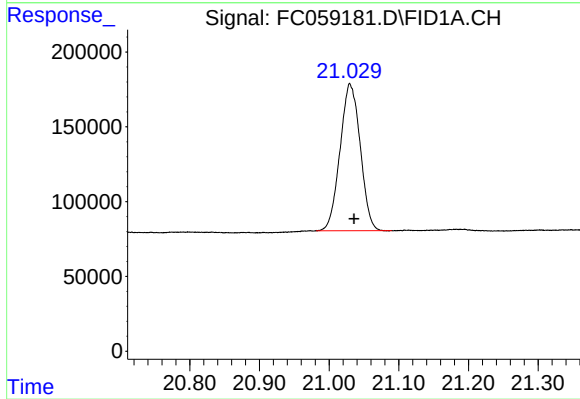
#21 n-Octatriacontane (C38)

R.T.: 20.290 min
Delta R.T.: -0.003 min
Response: 1995535
Conc: 21.69 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/13/2022
Supervised By :mohammad ahmed 04/14/2022



#22 n-Tetracontane (C40)

R.T.: 21.030 min
Delta R.T.: -0.005 min
Response: 1980494
Conc: 21.31 ug/ml