

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051922AL\
 Data File : FC059822.D
 Signal(s) : FID1A.CH
 Acq On : 19 May 2022 13:12
 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 05/20/2022
 Supervised By :mohammad ahmed 05/20/2022

Integration File: sample.E
 Quant Time: May 20 03:22:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.645	2524524	17.192 ug/ml
Spiked Amount 50.000		Recovery =	34.38%
12) S 1-chlorooctadecane (S...	12.014	1981719	17.220 ug/ml
Spiked Amount 50.000		Recovery =	34.44%
Target Compounds			
1) T n-Nonane (C9)	2.629	2198820	17.218 ug/ml
2) T n-Decane (C10)	3.626	2281736	18.017 ug/ml
3) T A~Naphthalene (C11.7)	5.161	2577137	17.502 ug/ml
4) T n-Dodecane (C12)	5.578	2364407	17.979 ug/ml
5) T A~2-methylnaphthalene...	6.184	2635354	17.532 ug/ml
6) T n-Tetradecane (C14)	7.329	2402765	17.857 ug/ml
7) T n-Hexadecane (C16)	8.892	2435825	17.752 ug/ml
8) T n-Octadecane (C18)	10.301	2426171	17.606 ug/ml
10) T n-Eicosane (C20)	11.580	2344248	17.430 ug/ml
11) T n-Heneicosane (C21)	12.178	2308303	17.303 ug/ml
13) T n-Docosane (C22)	12.751	2305128	17.564 ug/ml
14) T n-Tetracosane (C24)	13.829	2295480	18.244 ug/ml
15) T n-Hexacosane (C26)	14.826	2176387	18.223 ug/ml
16) T n-Octacosane (C28)	15.754	2245426	19.723 ug/ml
17) T n-Tricontane (C30)	16.622	2381839	21.668 ug/ml
18) T n-Dotriacontane (C32)	17.434	2342652	22.660 ug/mlm
19) T n-Tetratriacontane (C34)	18.200	2112538	21.638 ug/mlm
20) T n-Hexatriacontane (C36)	18.920	1896846	20.433 ug/mlm
21) T n-Octatriacontane (C38)	19.605	1782157	18.721 ug/mlm
22) T n-Tetracontane (C40)	20.253	1770203	18.700 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051922AL\
Data File : FC059822.D
Signal(s) : FID1A.CH
Acq On : 19 May 2022 13:12
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

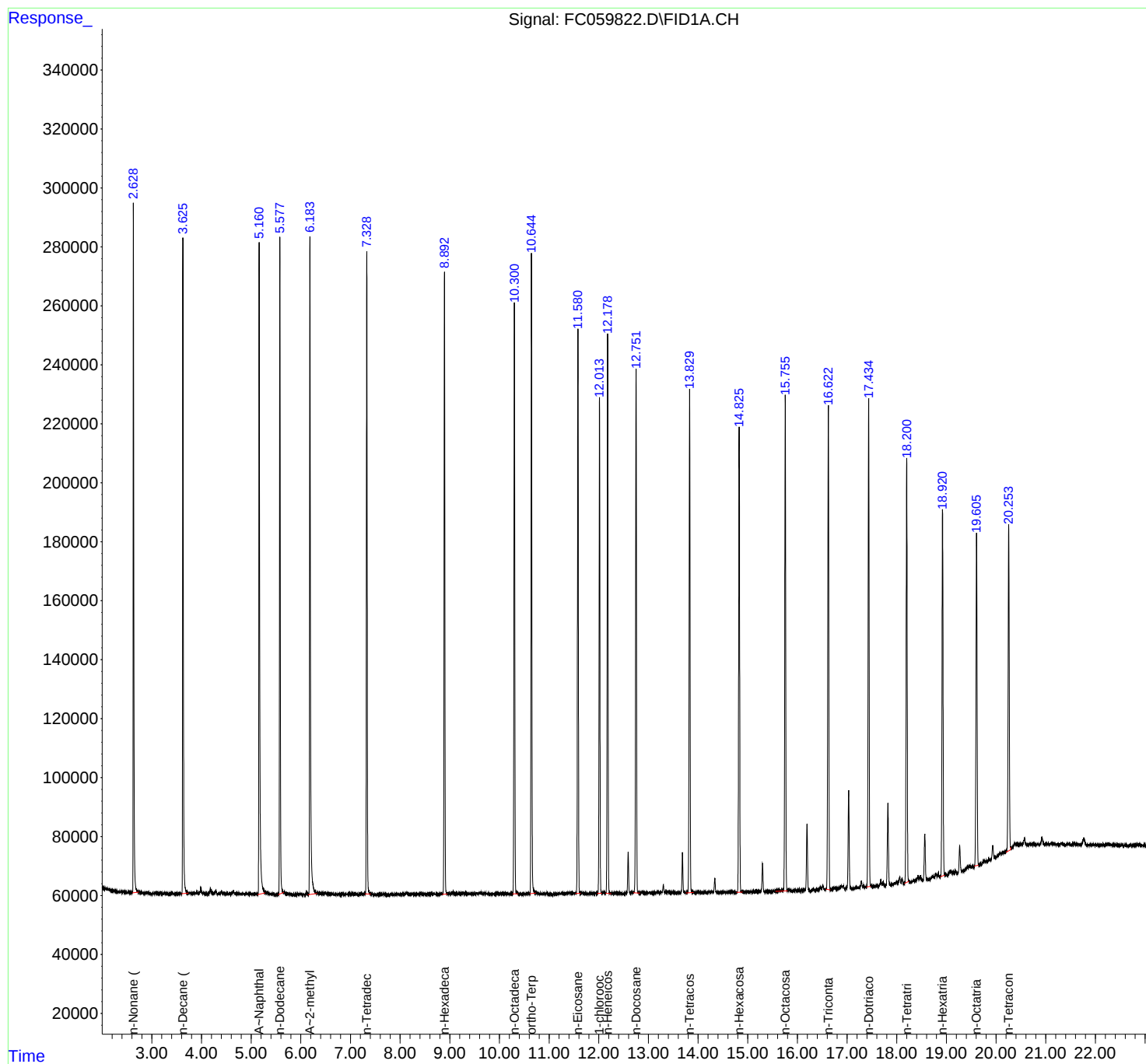
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

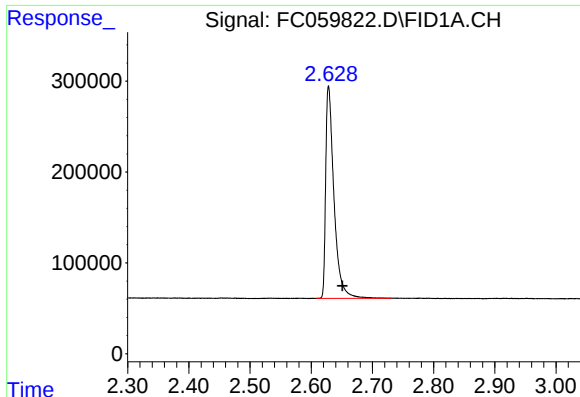
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/20/2022
Supervised By :mohammad ahmed 05/20/2022

Integration File: sample.E
Quant Time: May 20 03:22:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
Quant Title : GC Extractables
QLast Update : Mon May 09 11:12:42 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





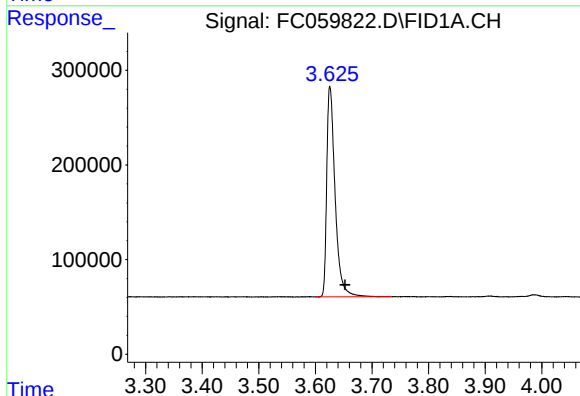
#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.022 min
Response: 2198820
Conc: 17.22 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

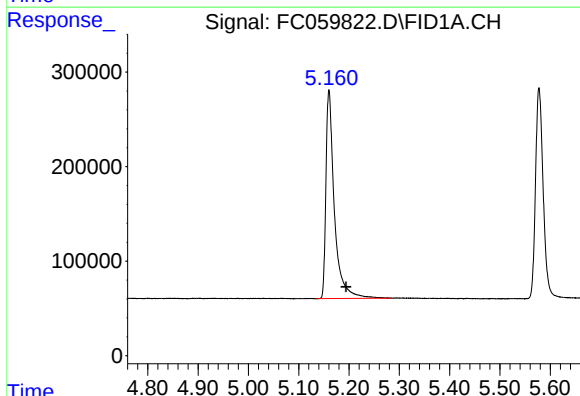
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



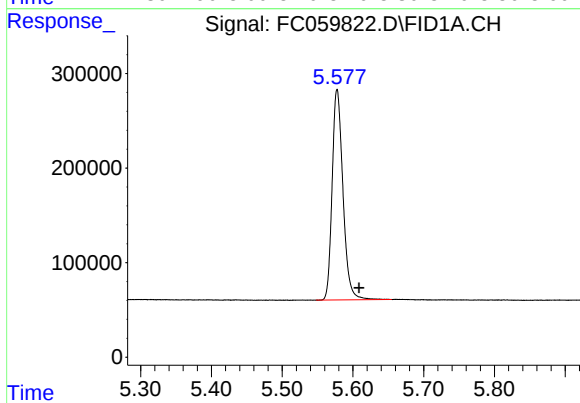
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.026 min
Response: 2281736
Conc: 18.02 ug/ml



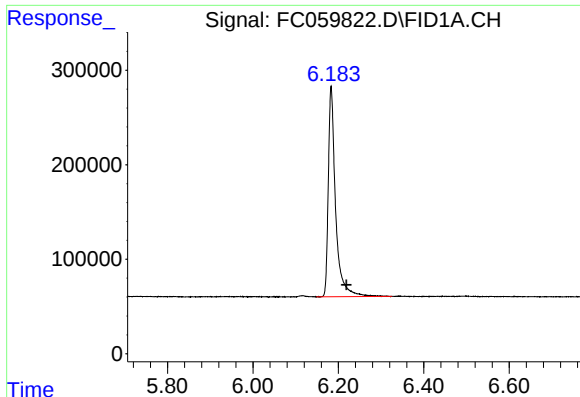
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.034 min
Response: 2577137
Conc: 17.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.578 min
Delta R.T.: -0.031 min
Response: 2364407
Conc: 17.98 ug/ml



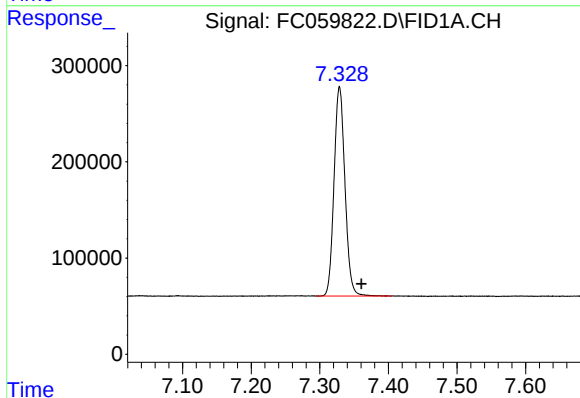
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.036 min
Response: 2635354
Conc: 17.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

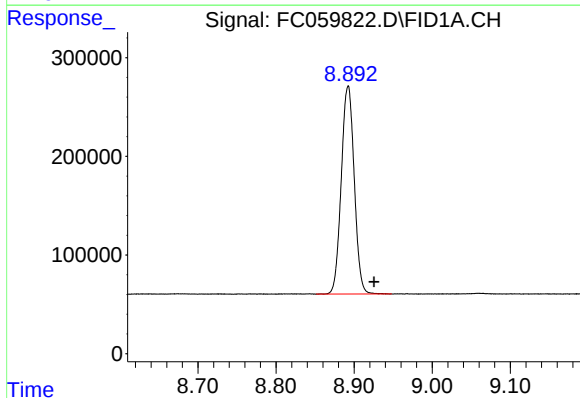
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



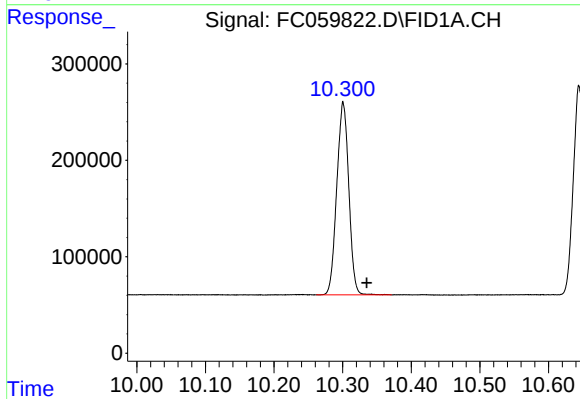
#6 n-Tetradecane (C14)

R.T.: 7.329 min
Delta R.T.: -0.032 min
Response: 2402765
Conc: 17.86 ug/ml



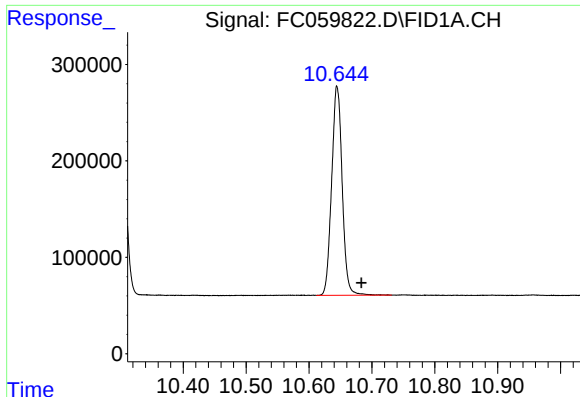
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.033 min
Response: 2435825
Conc: 17.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.034 min
Response: 2426171
Conc: 17.61 ug/ml



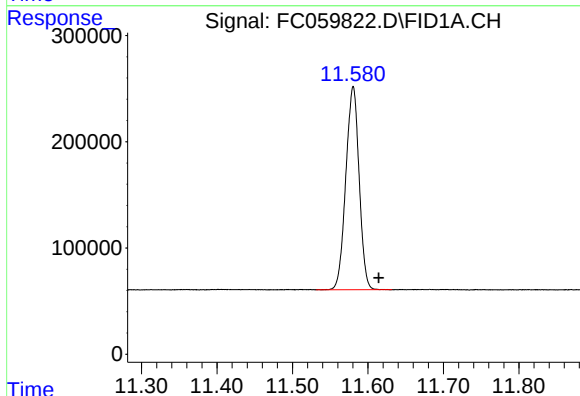
#9 ortho-Terphenyl (SURR)

R.T.: 10.645 min
Delta R.T.: -0.039 min
Response: 2524524
Conc: 17.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

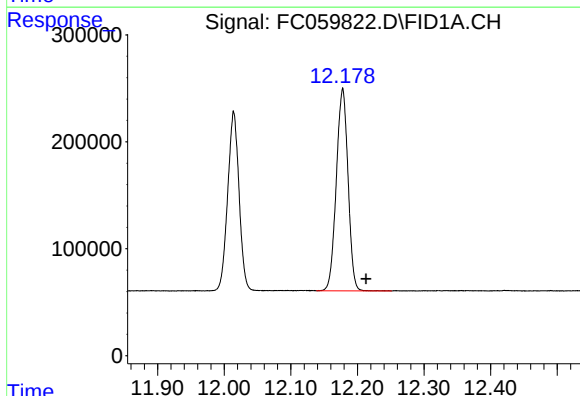
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



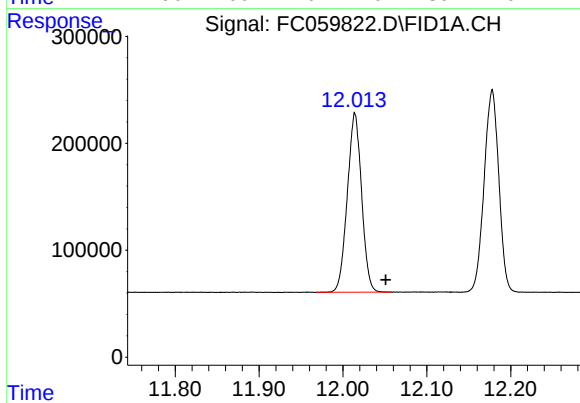
#10 n-Eicosane (C20)

R.T.: 11.580 min
Delta R.T.: -0.034 min
Response: 2344248
Conc: 17.43 ug/ml



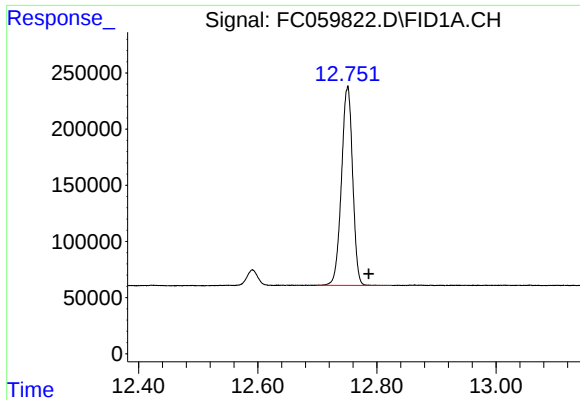
#11 n-Heneicosane (C21)

R.T.: 12.178 min
Delta R.T.: -0.035 min
Response: 2308303
Conc: 17.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.014 min
Delta R.T.: -0.037 min
Response: 1981719
Conc: 17.22 ug/ml



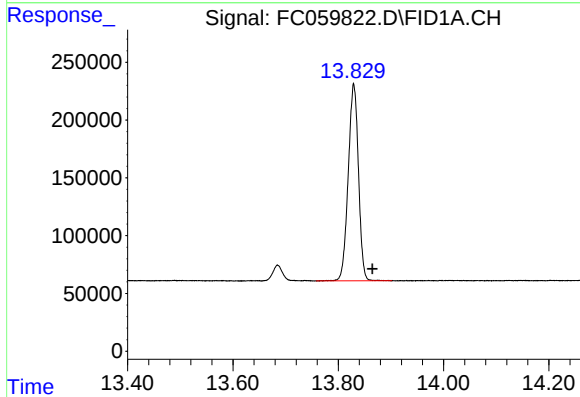
#13 n-Docosane (C22)

R.T.: 12.751 min
Delta R.T.: -0.036 min
Response: 2305128
Conc: 17.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

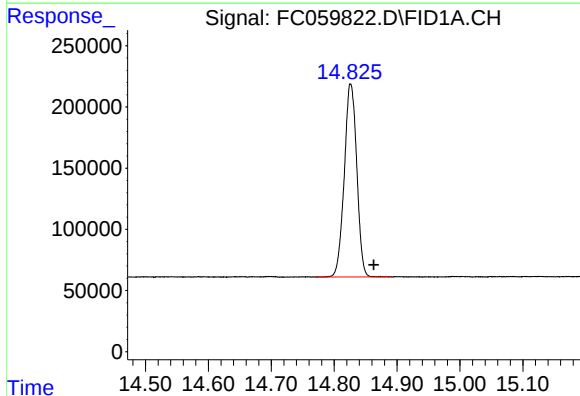
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



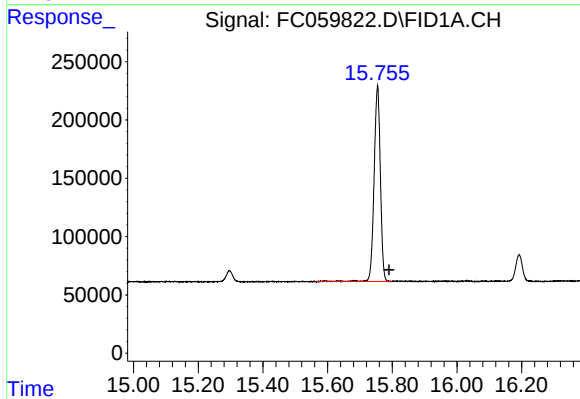
#14 n-Tetracosane (C24)

R.T.: 13.829 min
Delta R.T.: -0.035 min
Response: 2295480
Conc: 18.24 ug/ml



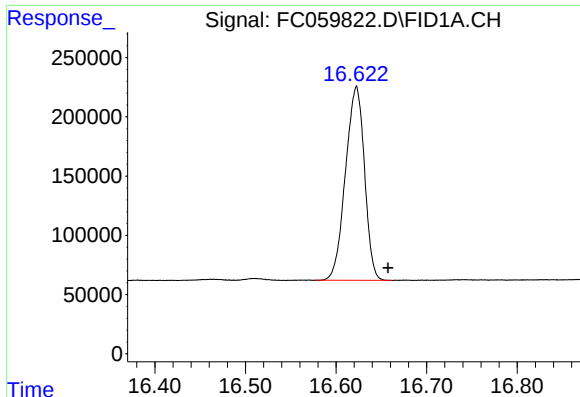
#15 n-Hexacosane (C26)

R.T.: 14.826 min
Delta R.T.: -0.036 min
Response: 2176387
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.754 min
Delta R.T.: -0.036 min
Response: 2245426
Conc: 19.72 ug/ml



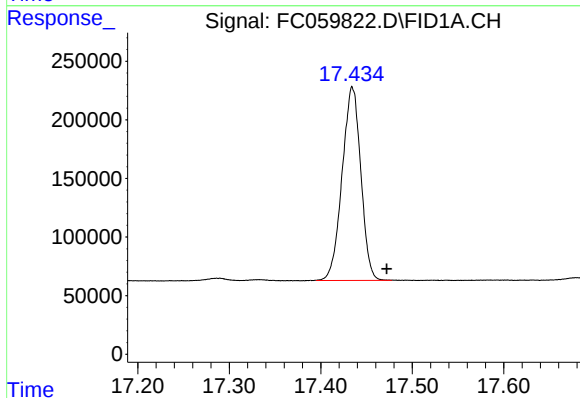
#17 n-Tricontane (C30)

R.T.: 16.622 min
Delta R.T.: -0.035 min
Response: 2381839
Conc: 21.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

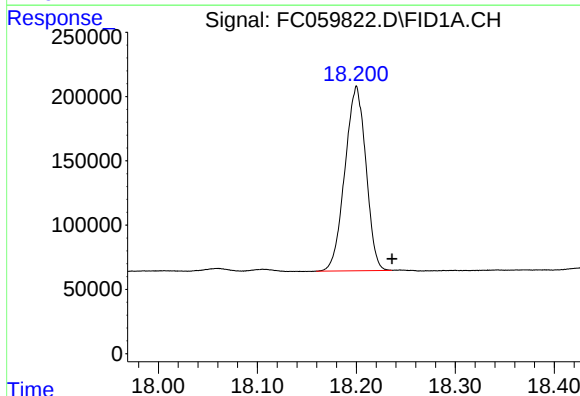
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



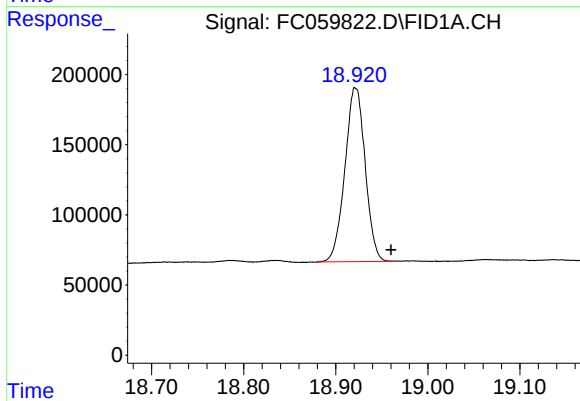
#18 n-Dotriacontane (C32)

R.T.: 17.434 min
Delta R.T.: -0.038 min
Response: 2342652
Conc: 22.66 ug/ml m



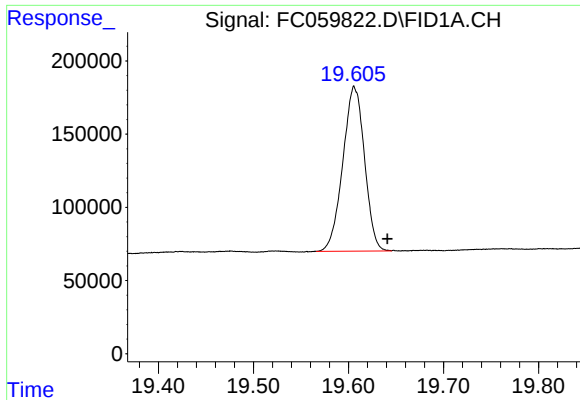
#19 n-Tetratriacontane (C34)

R.T.: 18.200 min
Delta R.T.: -0.036 min
Response: 2112538
Conc: 21.64 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.920 min
Delta R.T.: -0.040 min
Response: 1896846
Conc: 20.43 ug/ml m



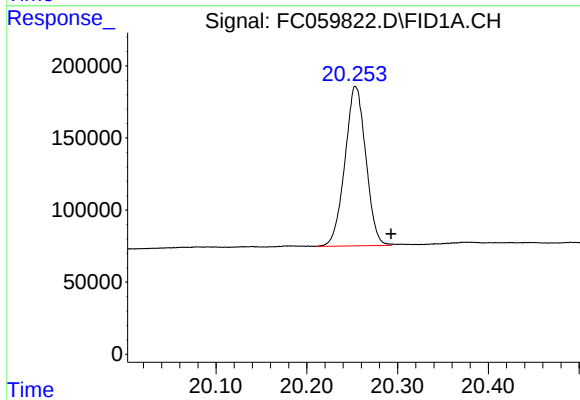
#21 n-Octatriacontane (C38)

R.T.: 19.605 min
Delta R.T.: -0.036 min
Response: 1782157
Conc: 18.72 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/20/2022
Supervised By :mohammad ahmed 05/20/2022



#22 n-Tetracontane (C40)

R.T.: 20.253 min
Delta R.T.: -0.040 min
Response: 1770203
Conc: 18.70 ug/ml m