

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
 Data File : FC059660.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2022 13:23
 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 05/11/2022
 Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E
 Quant Time: May 11 01:37:36 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)	10.668	2940258	20.023 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.036	2323413	20.190 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T n-Nonane (C9)	2.642	2546473	19.941 ug/ml
2) T n-Decane (C10)	3.643	2587749	20.433 ug/ml
3) T A~Naphthalene (C11.7)	5.182	2975701	20.209 ug/ml
4) T n-Dodecane (C12)	5.597	2685002	20.417 ug/ml
5) T A~2-methylnaphthalene...	6.206	3041855	20.236 ug/ml
6) T n-Tetradecane (C14)	7.349	2730117	20.289 ug/ml
7) T n-Hexadecane (C16)	8.913	2782686	20.280 ug/ml
8) T n-Octadecane (C18)	10.322	2797337	20.299 ug/ml
10) T n-Eicosane (C20)	11.602	2721566	20.235 ug/ml
11) T n-Heneicosane (C21)	12.200	2687623	20.147 ug/ml
13) T n-Docosane (C22)	12.772	2664753	20.304 ug/ml
14) T n-Tetracosane (C24)	13.850	2554749	20.305 ug/ml
15) T n-Hexacosane (C26)	14.847	2425980	20.313 ug/ml
16) T n-Octacosane (C28)	15.775	2352319	20.662 ug/ml
17) T n-Tricontane (C30)	16.642	2305046	20.969 ug/ml
18) T n-Dotriacontane (C32)	17.454	2161229	20.905 ug/ml
19) T n-Tetratriacontane (C34)	18.220	2061055	21.111 ug/mlm
20) T n-Hexatriacontane (C36)	18.942	1933040	20.823 ug/mlm
21) T n-Octatriacontane (C38)	19.625	1892816	19.884 ug/mlm
22) T n-Tetracontane (C40)	20.271	1914029	20.219 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
Data File : FC059660.D
Signal(s) : FID1A.CH
Acq On : 10 May 2022 13:23
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

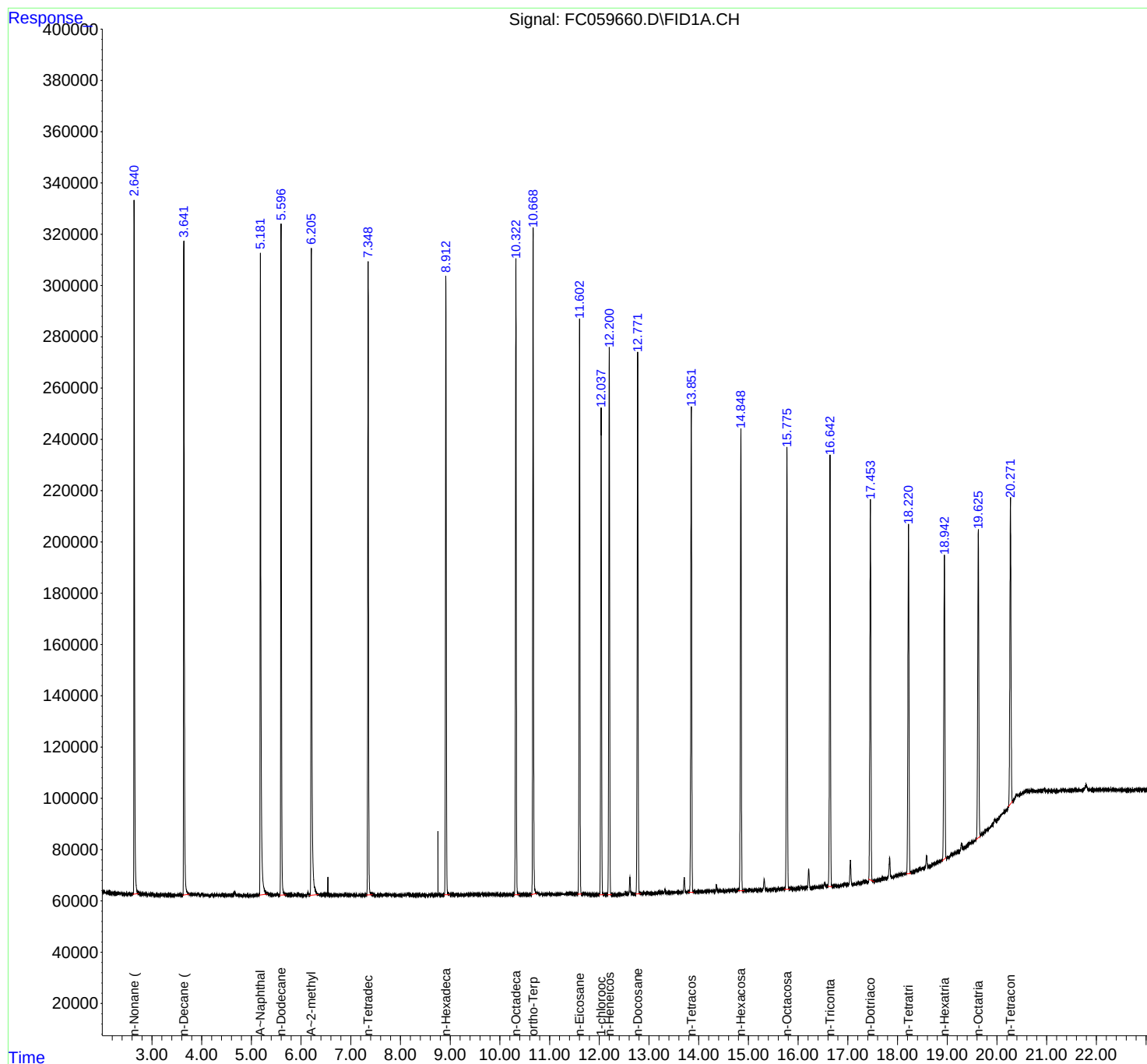
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

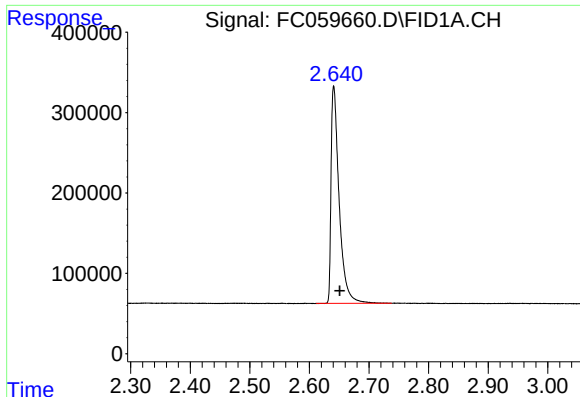
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/11/2022
Supervised By :mohammad ahmed 05/11/2022

Integration File: sample.E
Quant Time: May 11 01:37:36 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





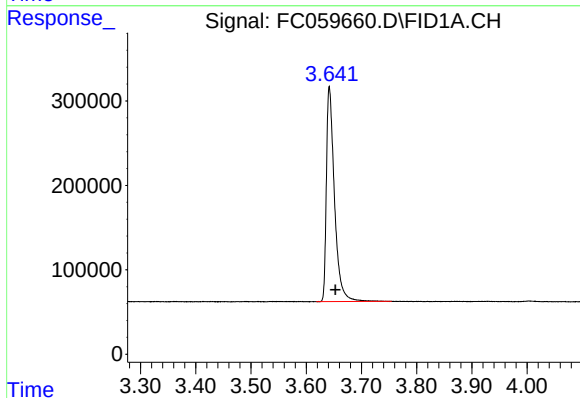
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: -0.009 min
Response: 2546473
Conc: 19.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

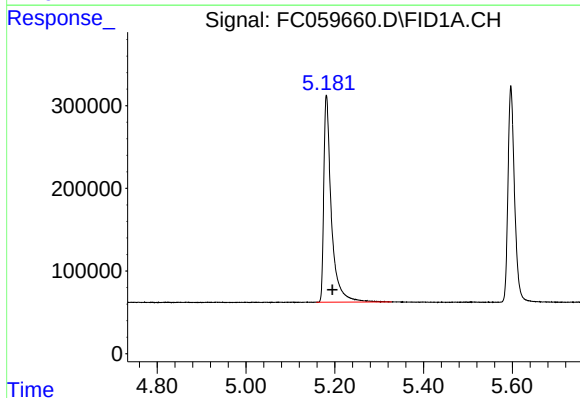
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



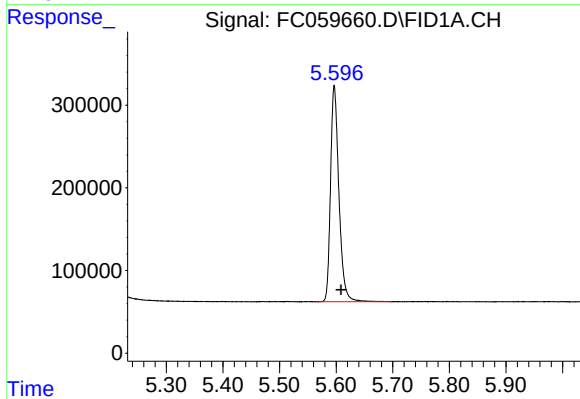
#2 n-Decane (C10)

R.T.: 3.643 min
Delta R.T.: -0.010 min
Response: 2587749
Conc: 20.43 ug/ml



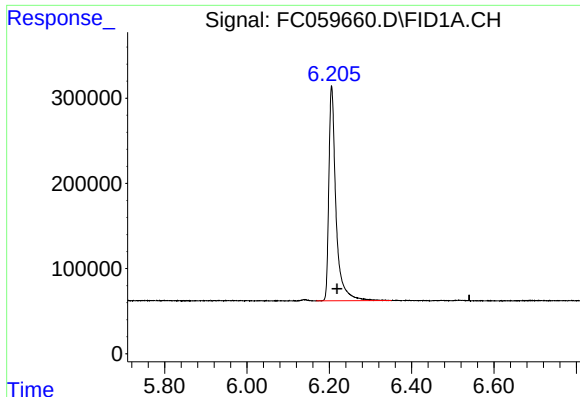
#3 A~Naphthalene (C11.7)

R.T.: 5.182 min
Delta R.T.: -0.013 min
Response: 2975701
Conc: 20.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.597 min
Delta R.T.: -0.012 min
Response: 2685002
Conc: 20.42 ug/ml



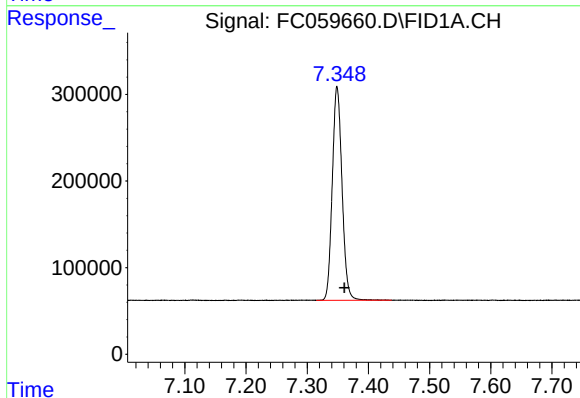
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.206 min
Delta R.T.: -0.013 min
Response: 3041855
Conc: 20.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

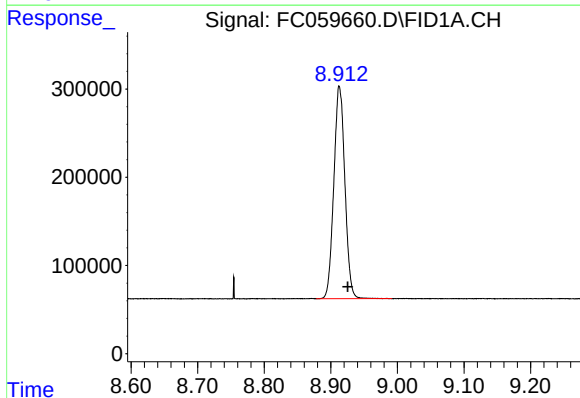
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



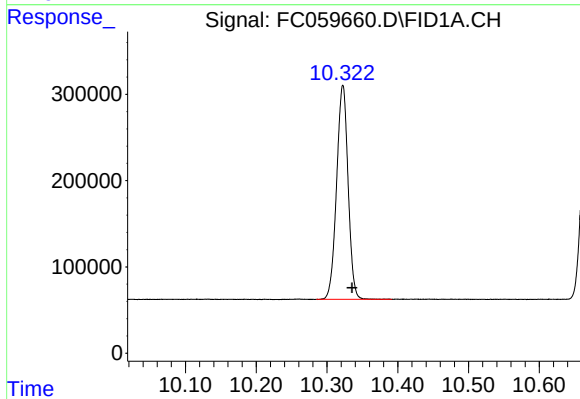
#6 n-Tetradecane (C14)

R.T.: 7.349 min
Delta R.T.: -0.012 min
Response: 2730117
Conc: 20.29 ug/ml



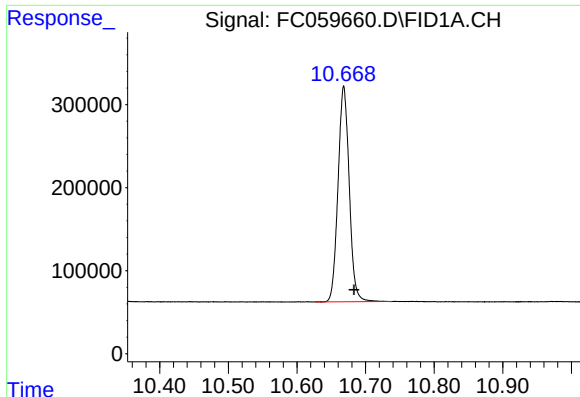
#7 n-Hexadecane (C16)

R.T.: 8.913 min
Delta R.T.: -0.012 min
Response: 2782686
Conc: 20.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.322 min
Delta R.T.: -0.013 min
Response: 2797337
Conc: 20.30 ug/ml



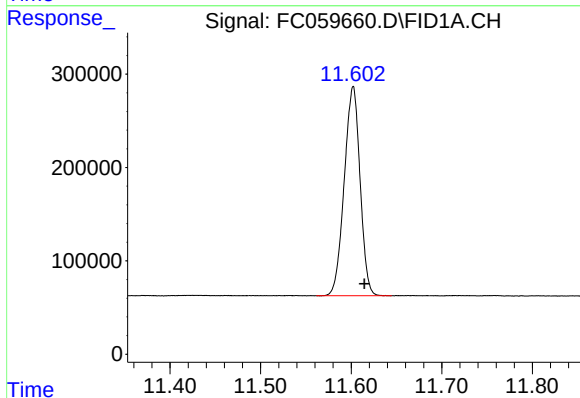
#9 ortho-Terphenyl (SURR)

R.T.: 10.668 min
Delta R.T.: -0.015 min
Response: 2940258
Conc: 20.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

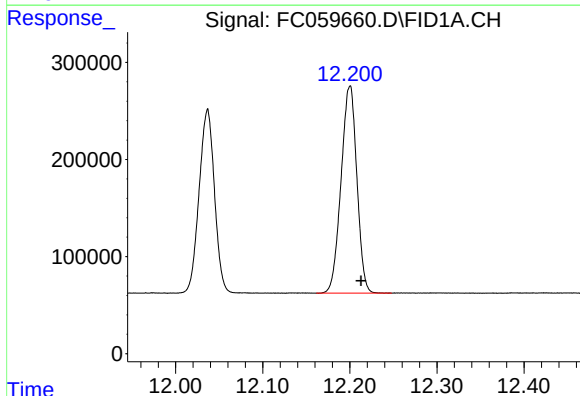
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



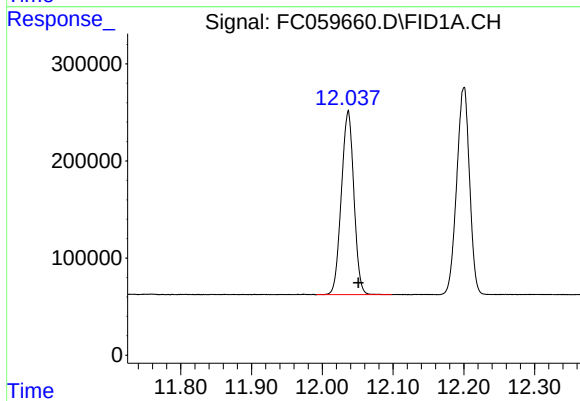
#10 n-Eicosane (C20)

R.T.: 11.602 min
Delta R.T.: -0.013 min
Response: 2721566
Conc: 20.24 ug/ml



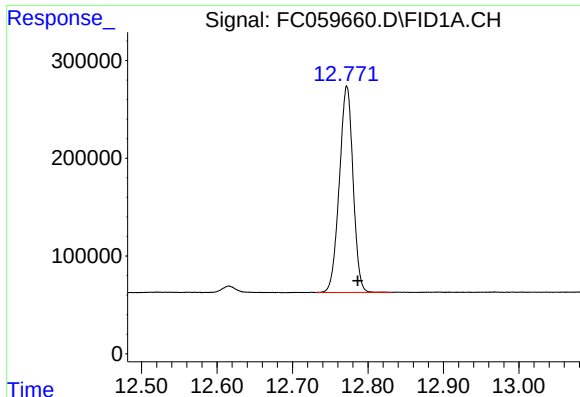
#11 n-Heneicosane (C21)

R.T.: 12.200 min
Delta R.T.: -0.013 min
Response: 2687623
Conc: 20.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.036 min
Delta R.T.: -0.015 min
Response: 2323413
Conc: 20.19 ug/ml



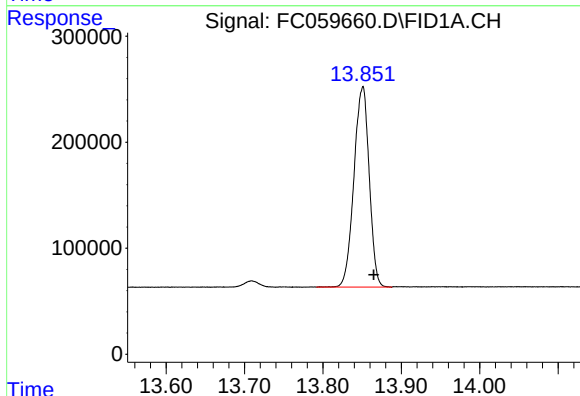
#13 n-Docosane (C22)

R.T.: 12.772 min
Delta R.T.: -0.014 min
Response: 2664753
Conc: 20.30 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

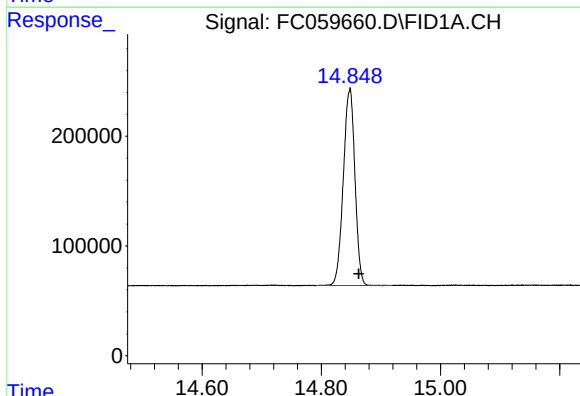
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



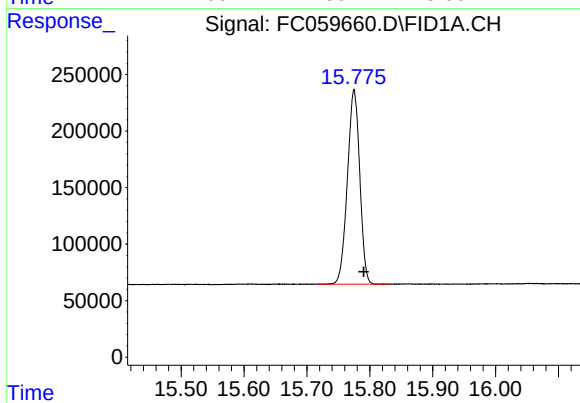
#14 n-Tetracosane (C24)

R.T.: 13.850 min
Delta R.T.: -0.014 min
Response: 2554749
Conc: 20.30 ug/ml



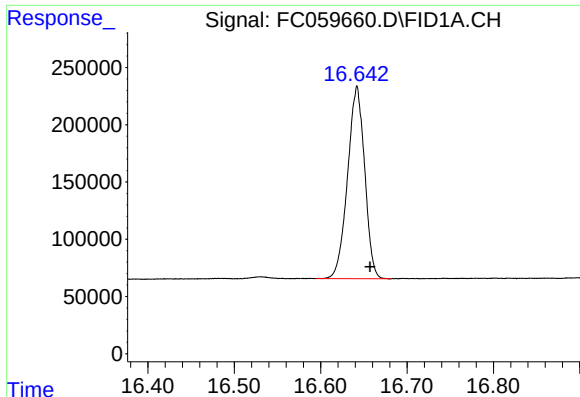
#15 n-Hexacosane (C26)

R.T.: 14.847 min
Delta R.T.: -0.015 min
Response: 2425980
Conc: 20.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.775 min
Delta R.T.: -0.015 min
Response: 2352319
Conc: 20.66 ug/ml



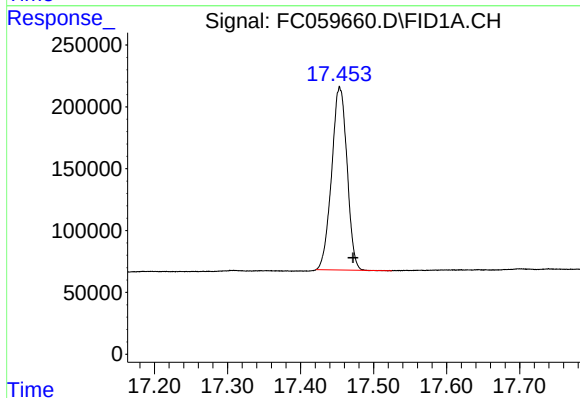
#17 n-Tricontane (C30)

R.T.: 16.642 min
Delta R.T.: -0.016 min
Response: 2305046
Conc: 20.97 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

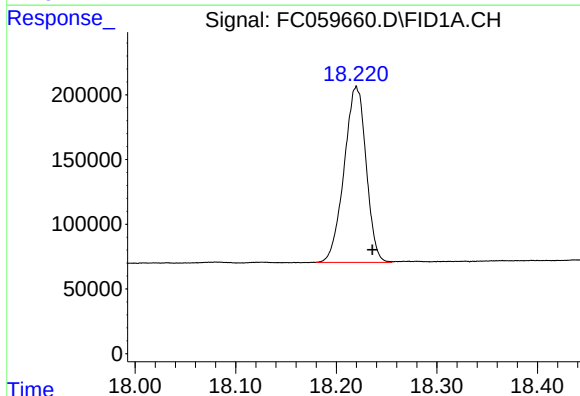
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



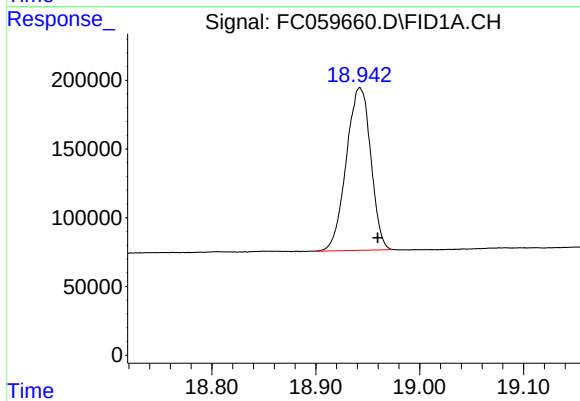
#18 n-Dotriacontane (C32)

R.T.: 17.454 min
Delta R.T.: -0.018 min
Response: 2161229
Conc: 20.91 ug/ml



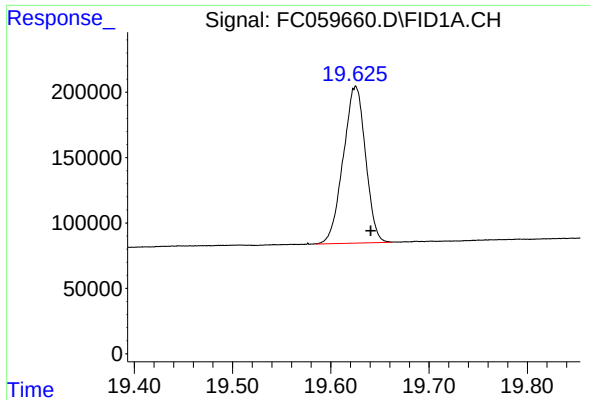
#19 n-Tetratriacontane (C34)

R.T.: 18.220 min
Delta R.T.: -0.016 min
Response: 2061055
Conc: 21.11 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.942 min
Delta R.T.: -0.018 min
Response: 1933040
Conc: 20.82 ug/ml m



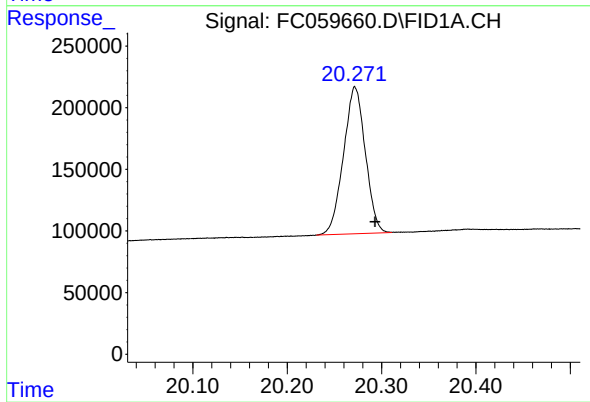
#21 n-Octatriacontane (C38)

R.T.: 19.625 min
Delta R.T.: -0.016 min
Response: 1892816
Conc: 19.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/11/2022
Supervised By :mohammad ahmed 05/11/2022



#22 n-Tetracontane (C40)

R.T.: 20.271 min
Delta R.T.: -0.022 min
Response: 1914029
Conc: 20.22 ug/ml m