

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
 Data File : FC059679.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2022 1:50
 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 02:17:54 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)	10.662	2974663	20.257 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	12.031	2349748	20.418 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
Target Compounds			
1) T n-Nonane (C9)	2.639	2563269	20.072 ug/ml
2) T n-Decane (C10)	3.640	2603904	20.560 ug/ml
3) T A~Naphthalene (C11.7)	5.177	2982448	20.255 ug/ml
4) T n-Dodecane (C12)	5.593	2678194	20.365 ug/ml
5) T A~2-methylnaphthalene...	6.201	3025972	20.130 ug/ml
6) T n-Tetradecane (C14)	7.344	2728344	20.276 ug/ml
7) T n-Hexadecane (C16)	8.908	2777323	20.241 ug/ml
8) T n-Octadecane (C18)	10.317	2791350	20.255 ug/ml
10) T n-Eicosane (C20)	11.595	2737040	20.350 ug/ml
11) T n-Heneicosane (C21)	12.194	2706824	20.291 ug/ml
13) T n-Docosane (C22)	12.766	2691268	20.506 ug/ml
14) T n-Tetracosane (C24)	13.844	2609893	20.743 ug/ml
15) T n-Hexacosane (C26)	14.841	2498621	20.921 ug/ml
16) T n-Octacosane (C28)	15.770	2439884	21.431 ug/ml
17) T n-Tricontane (C30)	16.636	2379686	21.648 ug/ml
18) T n-Dotriacontane (C32)	17.448	2246662	21.732 ug/mlm
19) T n-Tetratriacontane (C34)	18.212	2091189	21.419 ug/mlm
20) T n-Hexatriacontane (C36)	18.935	1973727	21.261 ug/mlm
21) T n-Octatriacontane (C38)	19.617	1918929	20.158 ug/mlm
22) T n-Tetracontane (C40)	20.266	1931949	20.408 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051022AL\
Data File : FC059679.D
Signal(s) : FID1A.CH
Acq On : 11 May 2022 1:50
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

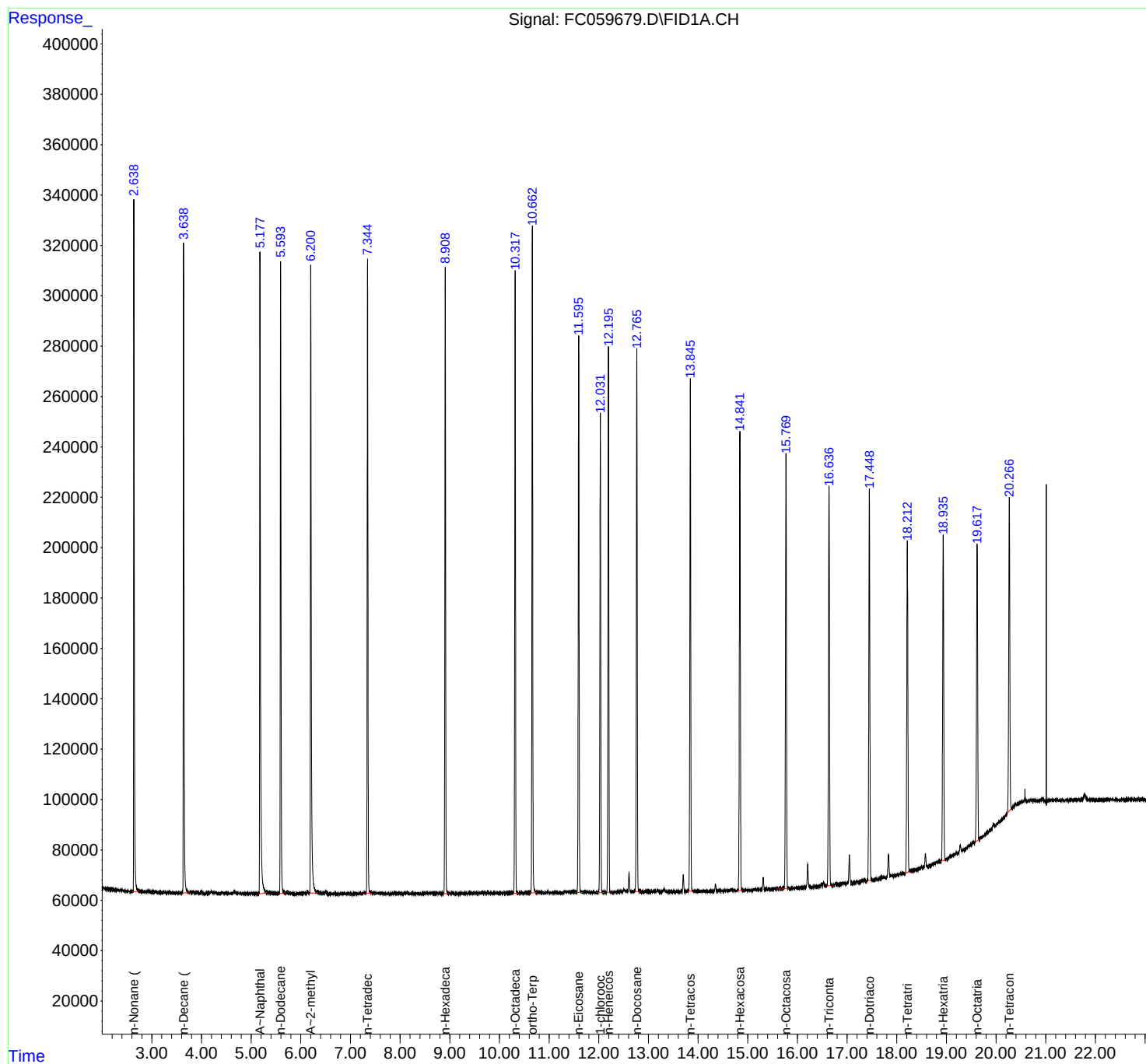
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

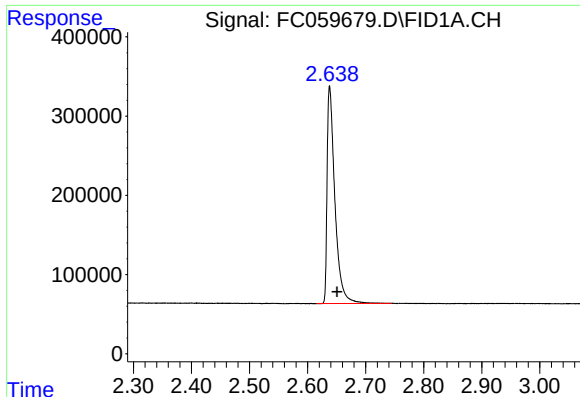
Manual Integrations
APPROVED

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

Integration File: sample.E
Quant Time: May 11 02:17:54 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





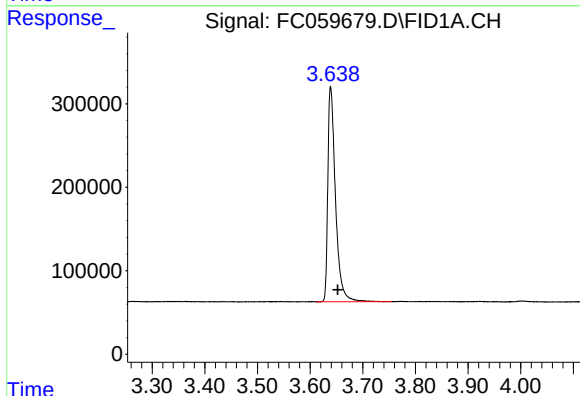
#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: -0.012 min
Response: 2563269
Conc: 20.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

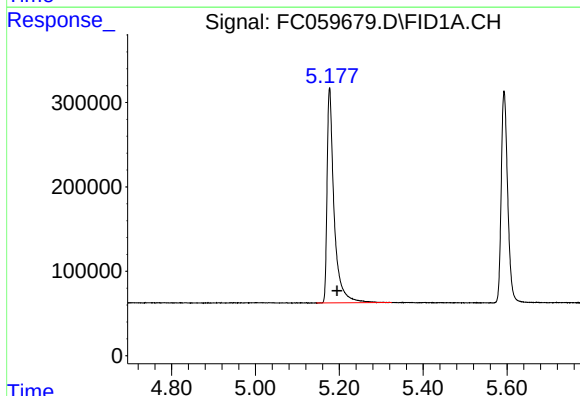
Manual Integrations
APPROVED

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



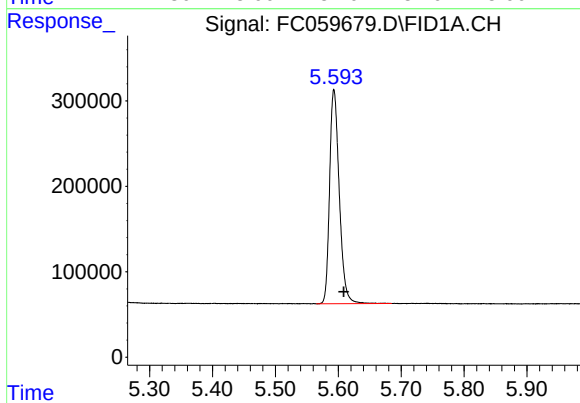
#2 n-Decane (C10)

R.T.: 3.640 min
Delta R.T.: -0.013 min
Response: 2603904
Conc: 20.56 ug/ml



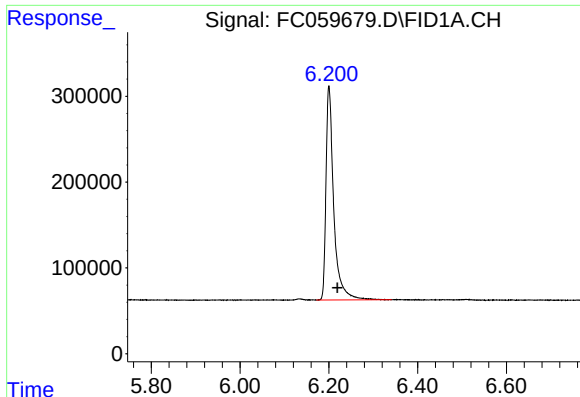
#3 A~Naphthalene (C11.7)

R.T.: 5.177 min
Delta R.T.: -0.017 min
Response: 2982448
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.593 min
Delta R.T.: -0.015 min
Response: 2678194
Conc: 20.37 ug/ml



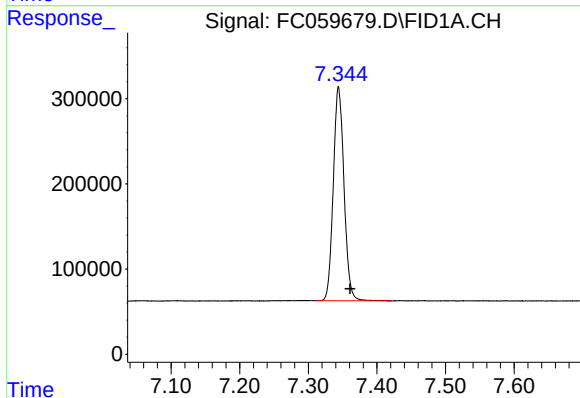
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.201 min
Delta R.T.: -0.018 min
Response: 3025972
Conc: 20.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

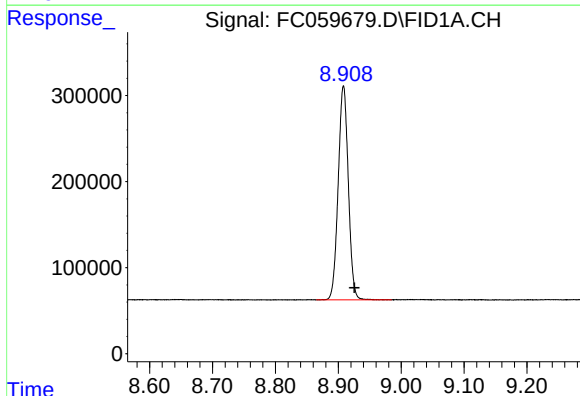
Manual Integrations
APPROVED

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



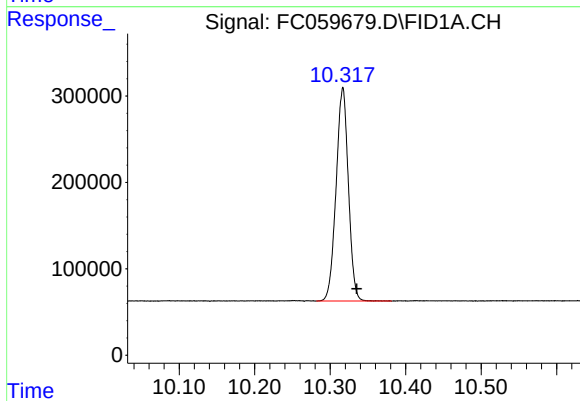
#6 n-Tetradecane (C14)

R.T.: 7.344 min
Delta R.T.: -0.017 min
Response: 2728344
Conc: 20.28 ug/ml



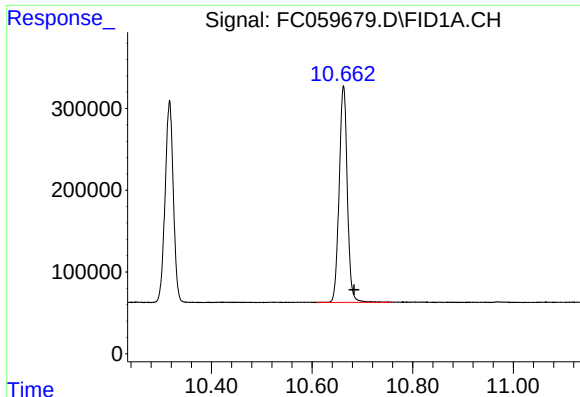
#7 n-Hexadecane (C16)

R.T.: 8.908 min
Delta R.T.: -0.017 min
Response: 2777323
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.317 min
Delta R.T.: -0.019 min
Response: 2791350
Conc: 20.26 ug/ml



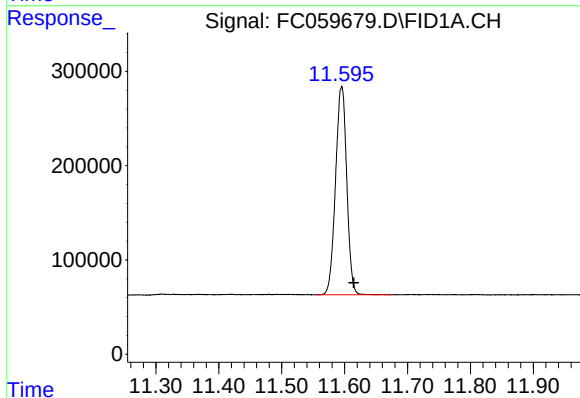
#9 ortho-Terphenyl (SURR)

R.T.: 10.662 min
Delta R.T.: -0.021 min
Response: 2974663
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

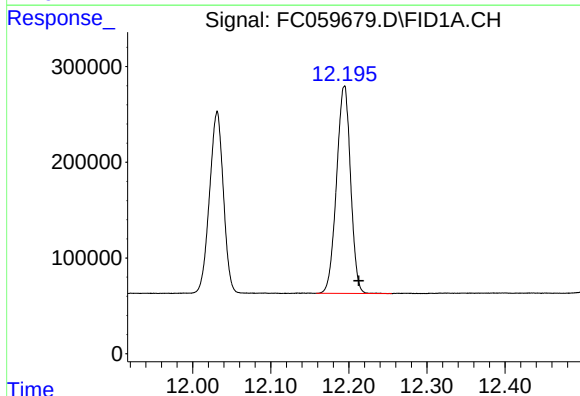
Manual Integrations
APPROVED

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



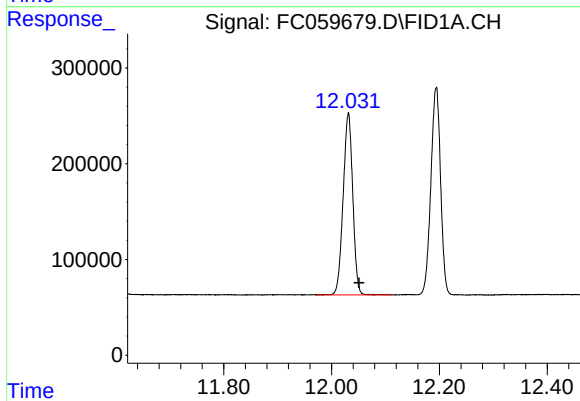
#10 n-Eicosane (C20)

R.T.: 11.595 min
Delta R.T.: -0.019 min
Response: 2737040
Conc: 20.35 ug/ml



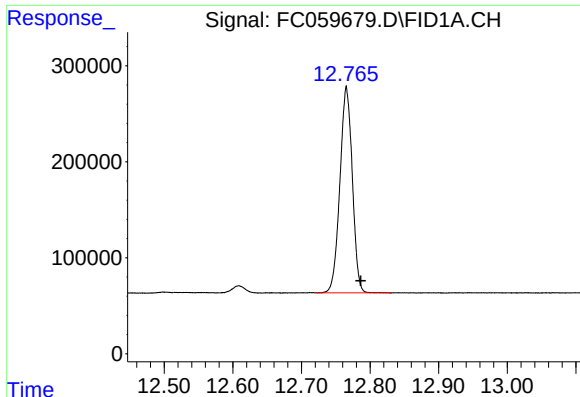
#11 n-Heneicosane (C21)

R.T.: 12.194 min
Delta R.T.: -0.019 min
Response: 2706824
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.031 min
Delta R.T.: -0.020 min
Response: 2349748
Conc: 20.42 ug/ml



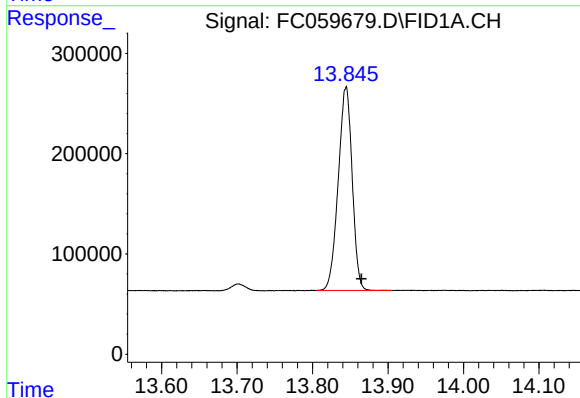
#13 n-Docosane (C22)

R.T.: 12.766 min
Delta R.T.: -0.021 min
Response: 2691268
Conc: 20.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

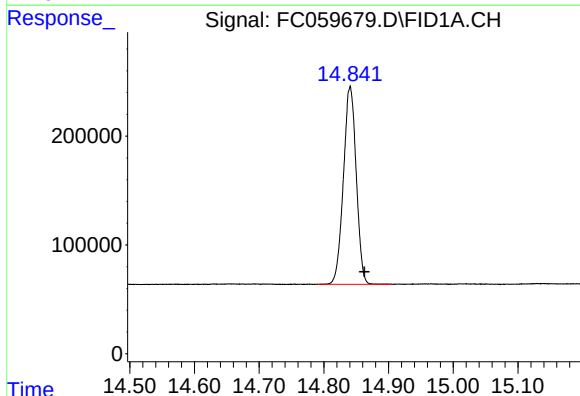
Manual Integrations
APPROVED

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



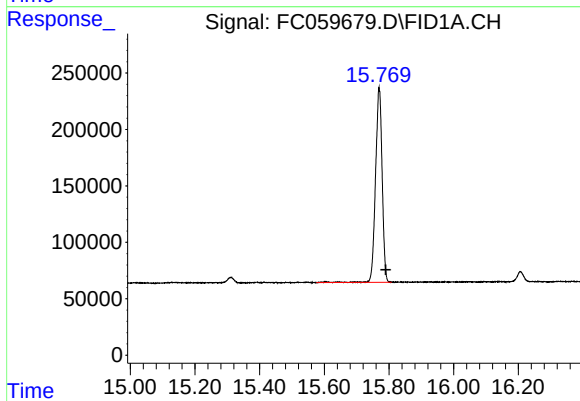
#14 n-Tetracosane (C24)

R.T.: 13.844 min
Delta R.T.: -0.021 min
Response: 2609893
Conc: 20.74 ug/ml



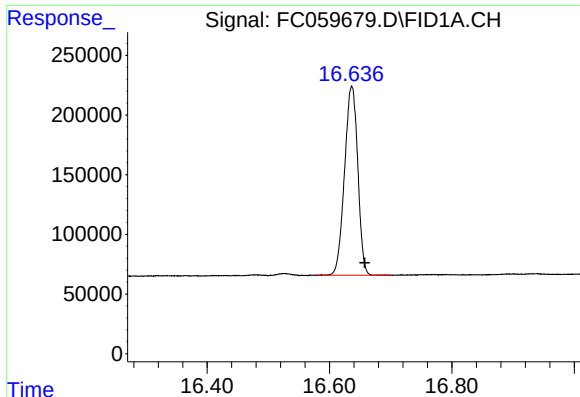
#15 n-Hexacosane (C26)

R.T.: 14.841 min
Delta R.T.: -0.022 min
Response: 2498621
Conc: 20.92 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.770 min
Delta R.T.: -0.021 min
Response: 2439884
Conc: 21.43 ug/ml



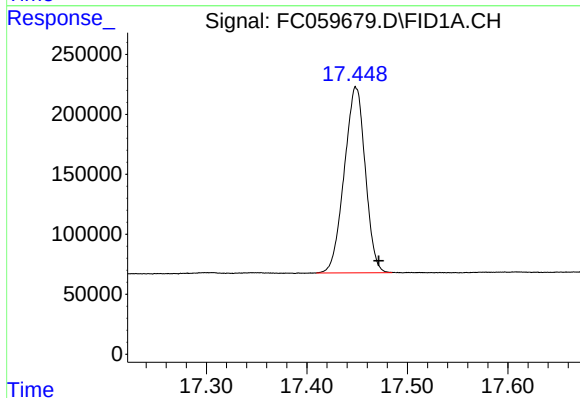
#17 n-Tricontane (C30)

R.T.: 16.636 min
Delta R.T.: -0.021 min
Response: 2379686
Conc: 21.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

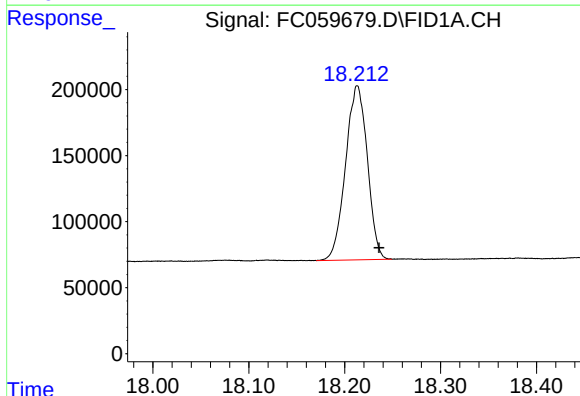
Manual Integrations
APPROVED

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



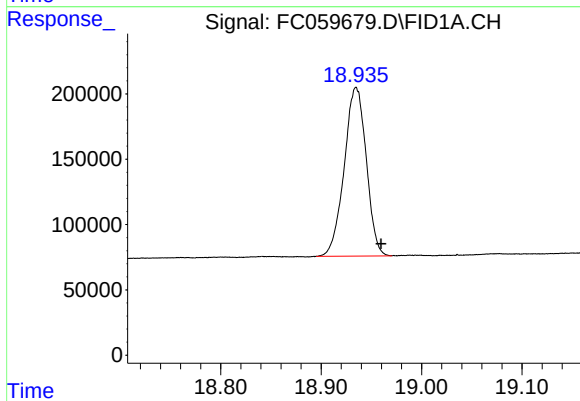
#18 n-Dotriacontane (C32)

R.T.: 17.448 min
Delta R.T.: -0.024 min
Response: 2246662
Conc: 21.73 ug/ml m



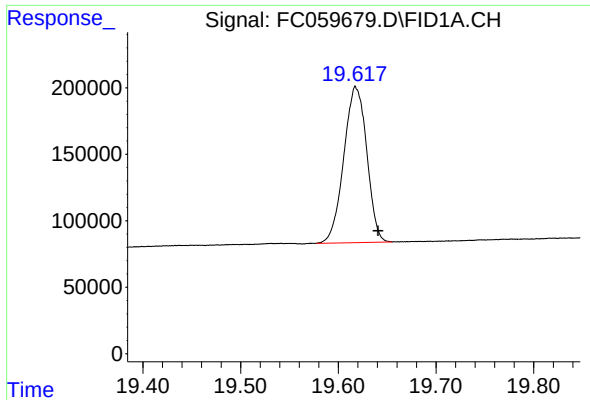
#19 n-Tetratriacontane (C34)

R.T.: 18.212 min
Delta R.T.: -0.023 min
Response: 2091189
Conc: 21.42 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.935 min
Delta R.T.: -0.025 min
Response: 1973727
Conc: 21.26 ug/ml m



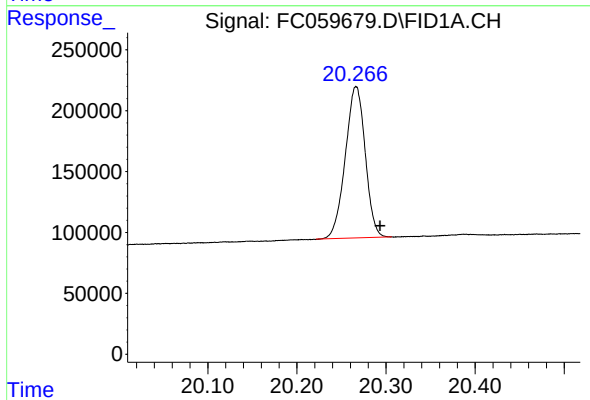
#21 n-Octatriacontane (C38)

R.T.: 19.617 min
Delta R.T.: -0.024 min
Response: 1918929
Conc: 20.16 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.: 20.266 min
Delta R.T.: -0.027 min
Response: 1931949
Conc: 20.41 ug/ml m