

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031122AL\
 Data File : FC058696.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2022 16:10
 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 03/14/2022
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: autoint1.e
 Quant Time: Mar 11 21:37:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.400	2553349	17.530 ug/ml
Spiked Amount 50.000		Recovery =	35.06%
12) S 1-chlorooctadecane (S...	12.832	1946226	17.170 ug/ml
Spiked Amount 50.000		Recovery =	34.34%
Target Compounds			
1) T n-Nonane (C9)	3.253	2360331	19.628 ug/ml
2) T n-Decane (C10)	4.303	2364661	19.871 ug/ml
3) T A~Naphthalene (C11.7)	5.866	2505331	19.304 ug/ml
4) T n-Dodecane (C12)	6.297	2434160	19.787 ug/ml
5) T A~2-methylnaphthalene...	6.910	2487870	19.083 ug/ml
6) T n-Tetradecane (C14)	8.074	2426384	19.363 ug/ml
7) T n-Hexadecane (C16)	9.662	2434414	18.904 ug/ml
8) T n-Octadecane (C18)	11.092	2397376	18.218 ug/ml
10) T n-Eicosane (C20)	12.392	2316982	17.620 ug/ml
11) T n-Heneicosane (C21)	13.000	2296487	17.377 ug/ml
13) T n-Docosane (C22)	13.582	2276477	17.462 ug/ml
14) T n-Tetracosane (C24)	14.678	2208023	17.099 ug/ml
15) T n-Hexacosane (C26)	15.694	2167430	17.522 ug/ml
16) T n-Octacosane (C28)	16.638	2146717	18.035 ug/ml
17) T n-Tricontane (C30)	17.522	2175006	19.322 ug/ml
18) T n-Dotriacontane (C32)	18.353	2100651	19.535 ug/mlm
19) T n-Tetratriacontane (C34)	19.132	1972572	20.359 ug/ml
20) T n-Hexatriacontane (C36)	19.869	1931863	21.414 ug/ml
21) T n-Octatriacontane (C38)	20.575	1843504	21.184 ug/mlm
22) T n-Tetracontane (C40)	21.401	1837113	21.892 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031122AL\
Data File : FC058696.D
Signal(s) : FID1A.CH
Acq On : 11 Mar 2022 16:10
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

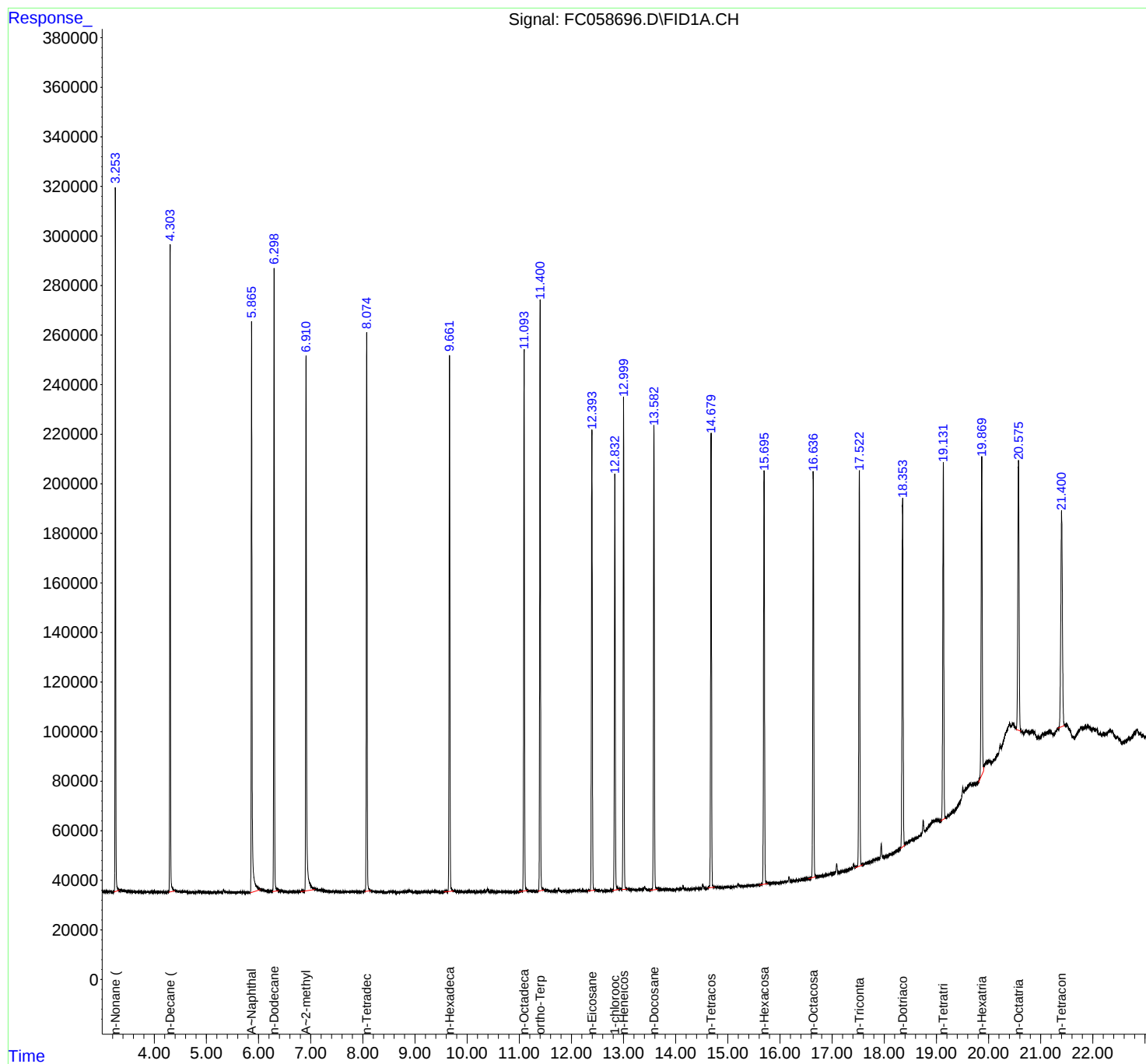
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

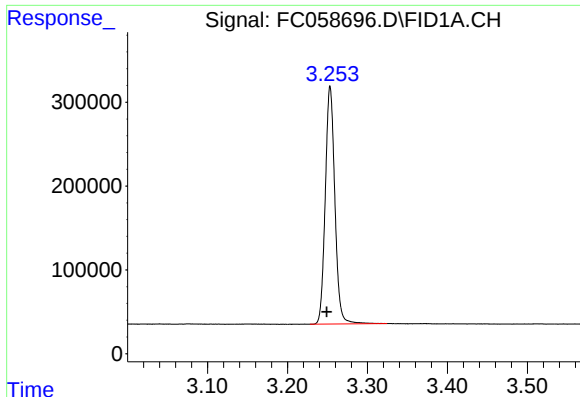
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2022
Supervised By :Ankita Jodhani 03/14/2022

Integration File: autoint1.e
Quant Time: Mar 11 21:37:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
Quant Title : GC Extractables
QLast Update : Wed Feb 23 17:15:11 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





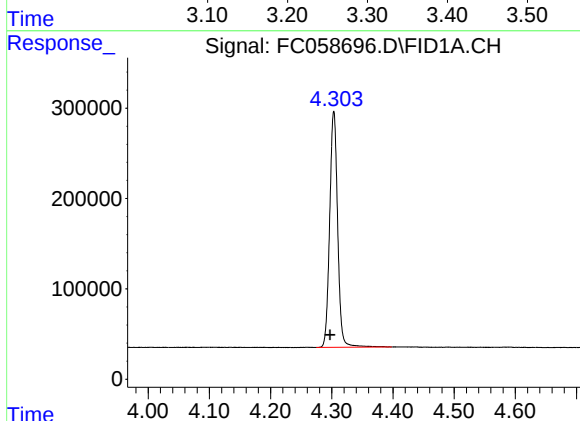
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: 0.004 min
Response: 2360331
Conc: 19.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

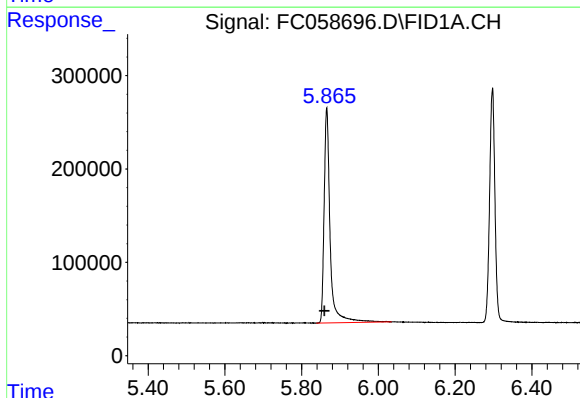
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2022
Supervised By :Ankita Jodhani 03/14/2022



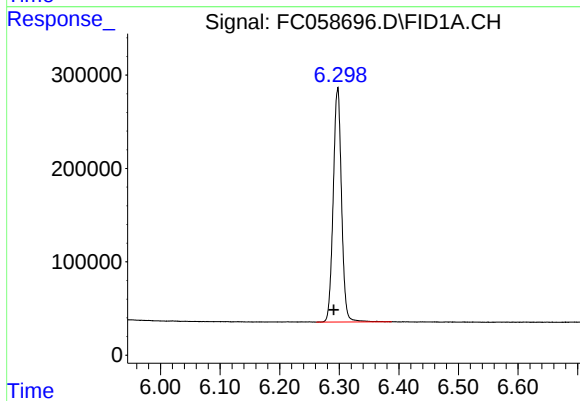
#2 n-Decane (C10)

R.T.: 4.303 min
Delta R.T.: 0.006 min
Response: 2364661
Conc: 19.87 ug/ml



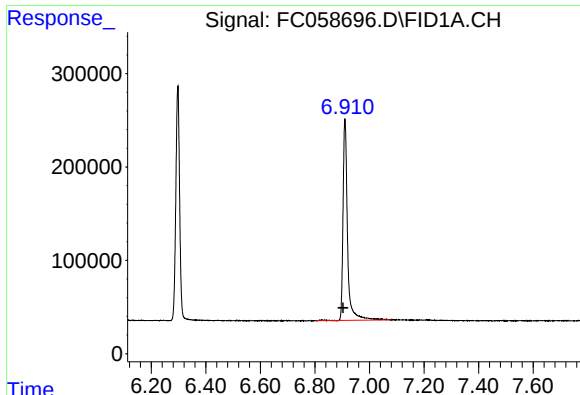
#3 A~Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: 0.007 min
Response: 2505331
Conc: 19.30 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.297 min
Delta R.T.: 0.006 min
Response: 2434160
Conc: 19.79 ug/ml



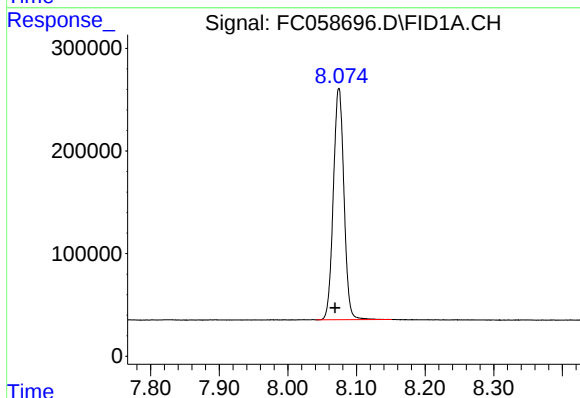
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: 0.008 min
Response: 2487870
Conc: 19.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

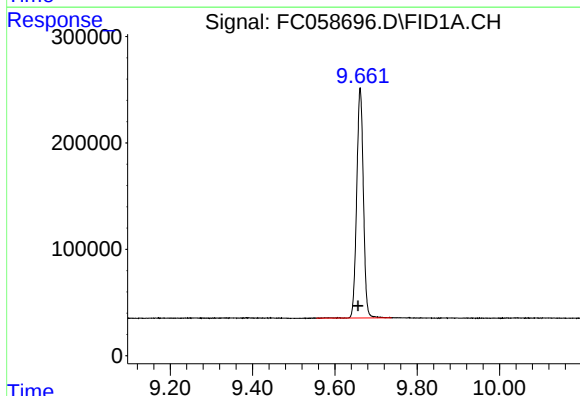
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2022
Supervised By :Ankita Jodhani 03/14/2022



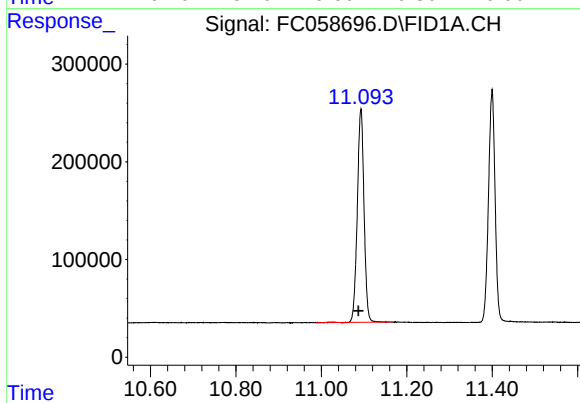
#6 n-Tetradecane (C14)

R.T.: 8.074 min
Delta R.T.: 0.006 min
Response: 2426384
Conc: 19.36 ug/ml



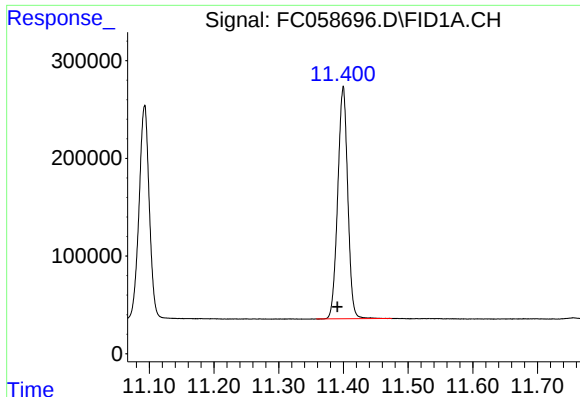
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: 0.005 min
Response: 2434414
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.092 min
Delta R.T.: 0.006 min
Response: 2397376
Conc: 18.22 ug/ml



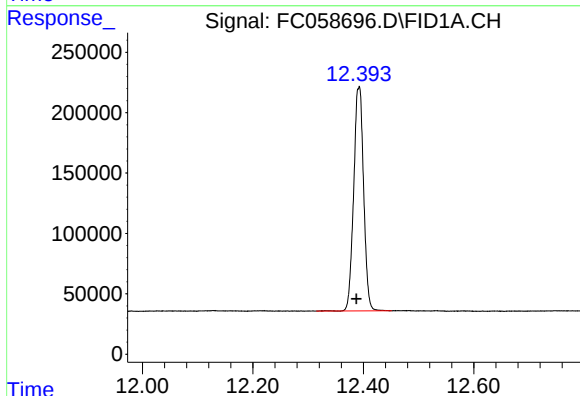
#9 ortho-Terphenyl (SURR)

R.T.: 11.400 min
Delta R.T.: 0.008 min
Response: 2553349
Conc: 17.53 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

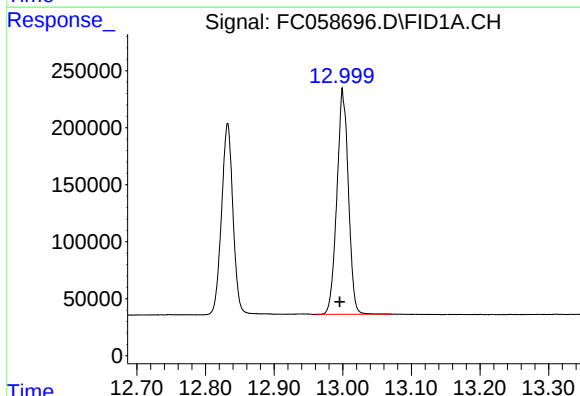
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2022
Supervised By :Ankita Jodhani 03/14/2022



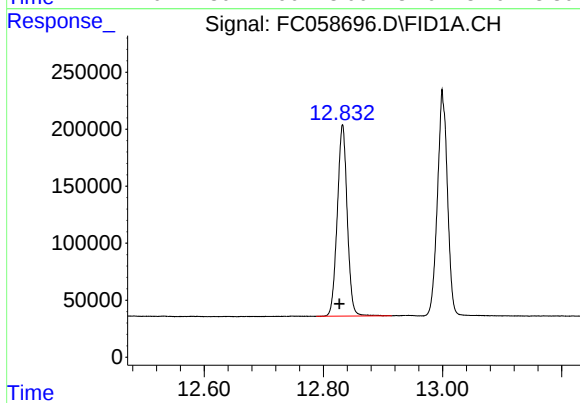
#10 n-Eicosane (C20)

R.T.: 12.392 min
Delta R.T.: 0.004 min
Response: 2316982
Conc: 17.62 ug/ml



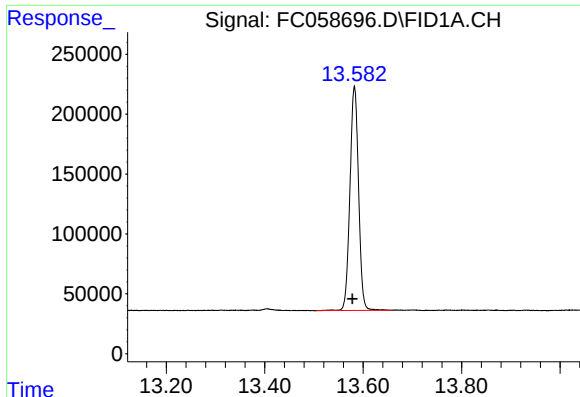
#11 n-Heneicosane (C21)

R.T.: 13.000 min
Delta R.T.: 0.005 min
Response: 2296487
Conc: 17.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.832 min
Delta R.T.: 0.005 min
Response: 1946226
Conc: 17.17 ug/ml



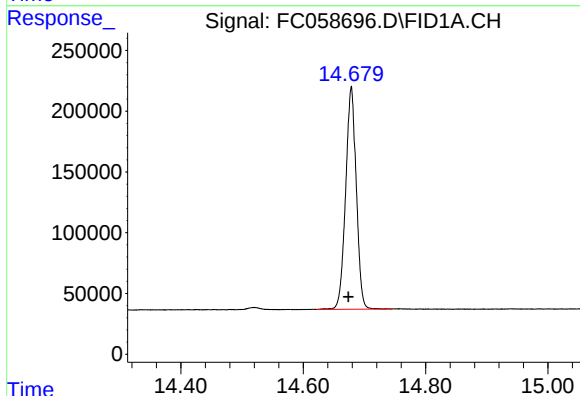
#13 n-Docosane (C22)

R.T.: 13.582 min
Delta R.T.: 0.004 min
Response: 2276477
Conc: 17.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

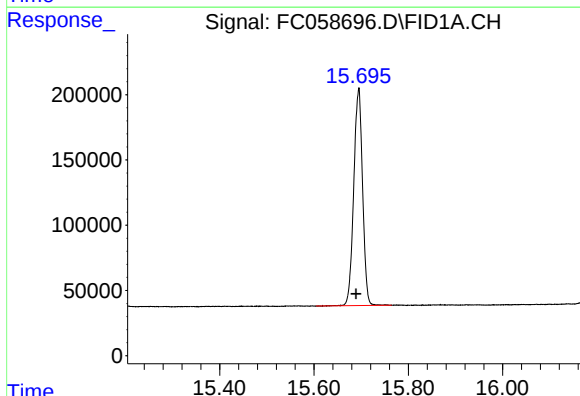
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2022
Supervised By :Ankita Jodhani 03/14/2022



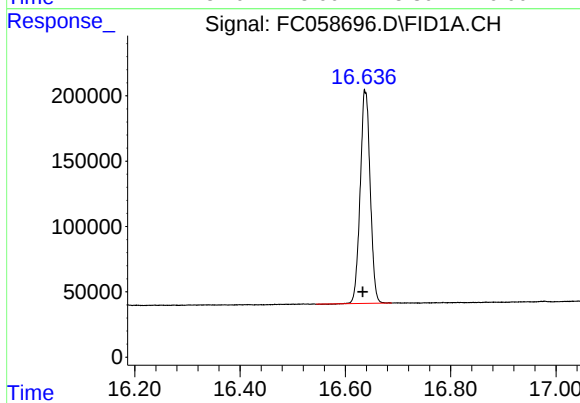
#14 n-Tetracosane (C24)

R.T.: 14.678 min
Delta R.T.: 0.005 min
Response: 2208023
Conc: 17.10 ug/ml



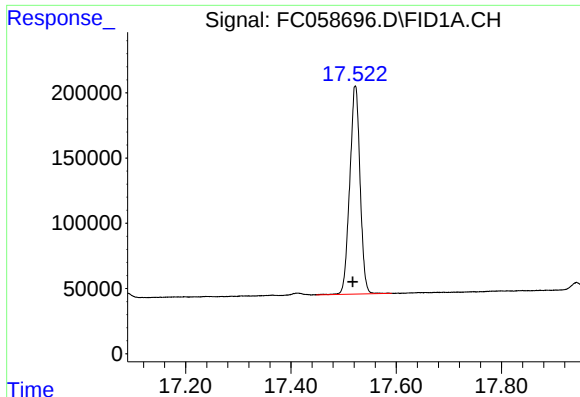
#15 n-Hexacosane (C26)

R.T.: 15.694 min
Delta R.T.: 0.005 min
Response: 2167430
Conc: 17.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.638 min
Delta R.T.: 0.005 min
Response: 2146717
Conc: 18.03 ug/ml



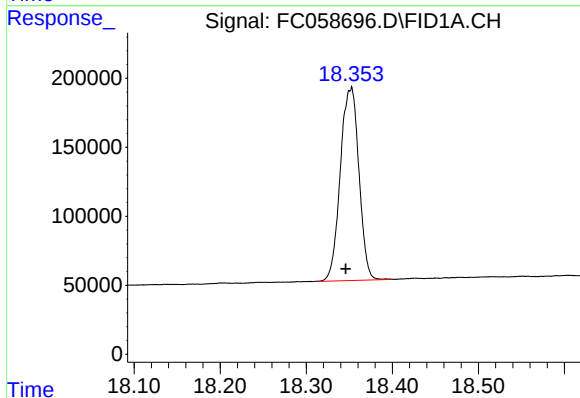
#17 n-Tricontane (C30)

R.T.: 17.522 min
Delta R.T.: 0.005 min
Response: 2175006
Conc: 19.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

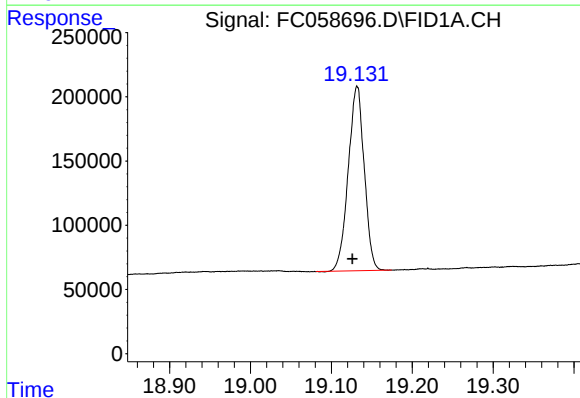
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2022
Supervised By :Ankita Jodhani 03/14/2022



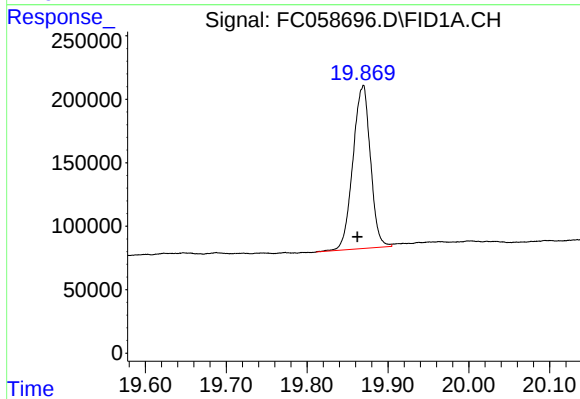
#18 n-Dotriacontane (C32)

R.T.: 18.353 min
Delta R.T.: 0.007 min
Response: 2100651
Conc: 19.54 ug/ml m



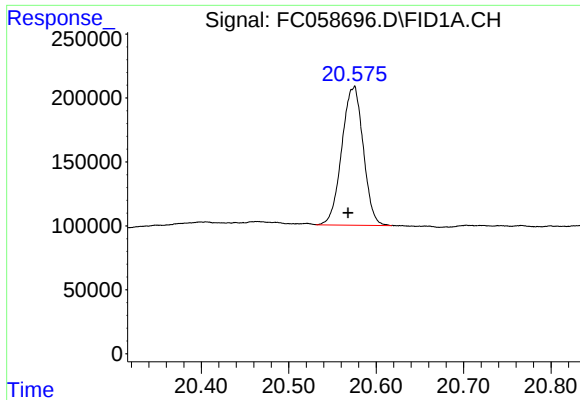
#19 n-Tetratriacontane (C34)

R.T.: 19.132 min
Delta R.T.: 0.006 min
Response: 1972572
Conc: 20.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.869 min
Delta R.T.: 0.006 min
Response: 1931863
Conc: 21.41 ug/ml



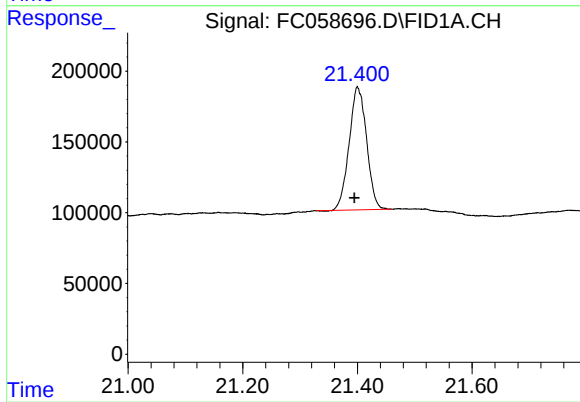
#21 n-Octatriacontane (C38)

R.T.: 20.575 min
Delta R.T.: 0.008 min
Response: 1843504
Conc: 21.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2022
Supervised By :Ankita Jodhani 03/14/2022



#22 n-Tetracontane (C40)

R.T.: 21.401 min
Delta R.T.: 0.006 min
Response: 1837113
Conc: 21.89 ug/ml