

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
 Data File : FC060210.D
 Signal(s) : FID1A.CH
 Acq On : 11 Jun 2022 3:56
 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 06/13/2022
 Supervised By :Ankita Jodhani 06/13/2022

Integration File: autoint1.e
 Quant Time: Jun 11 05:15:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.647	2829717	18.183 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
12) S 1-chlorooctadecane (S...	12.017	2279148	18.382 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T n-Nonane (C9)	2.624	2361034	18.447 ug/ml
2) T n-Decane (C10)	3.622	2442312	19.091 ug/ml
3) T A~Naphthalene (C11.7)	5.161	2755184	19.062 ug/ml
4) T n-Dodecane (C12)	5.576	2554065	19.159 ug/ml
5) T A~2-methylnaphthalene...	6.186	2794747	19.042 ug/ml
6) T n-Tetradecane (C14)	7.328	2619879	19.191 ug/ml
7) T n-Hexadecane (C16)	8.892	2685311	19.139 ug/ml
8) T n-Octadecane (C18)	10.301	2706604	18.913 ug/ml
10) T n-Eicosane (C20)	11.581	2651102	18.582 ug/ml
11) T n-Heneicosane (C21)	12.179	2640495	18.421 ug/ml
13) T n-Docosane (C22)	12.753	2681134	18.815 ug/mlm
14) T n-Tetracosane (C24)	13.831	2652268	18.900 ug/ml
15) T n-Hexacosane (C26)	14.829	2540089	18.758 ug/ml
16) T n-Octacosane (C28)	15.758	2539834	19.502 ug/mlm
17) T n-Tricontane (C30)	16.625	2593674	21.186 ug/ml
18) T n-Dotriacontane (C32)	17.437	2471677	22.168 ug/mlm
19) T n-Tetratriacontane (C34)	18.203	2187613	21.448 ug/ml
20) T n-Hexatriacontane (C36)	18.925	2027514	21.410 ug/mlm
21) T n-Octatriacontane (C38)	19.609	2162536	23.439 ug/mlm
22) T n-Tetracontane (C40)	20.257	2062750	21.924 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061022AL\
Data File : FC060210.D
Signal(s) : FID1A.CH
Acq On : 11 Jun 2022 3:56
Operator : UA/NP
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

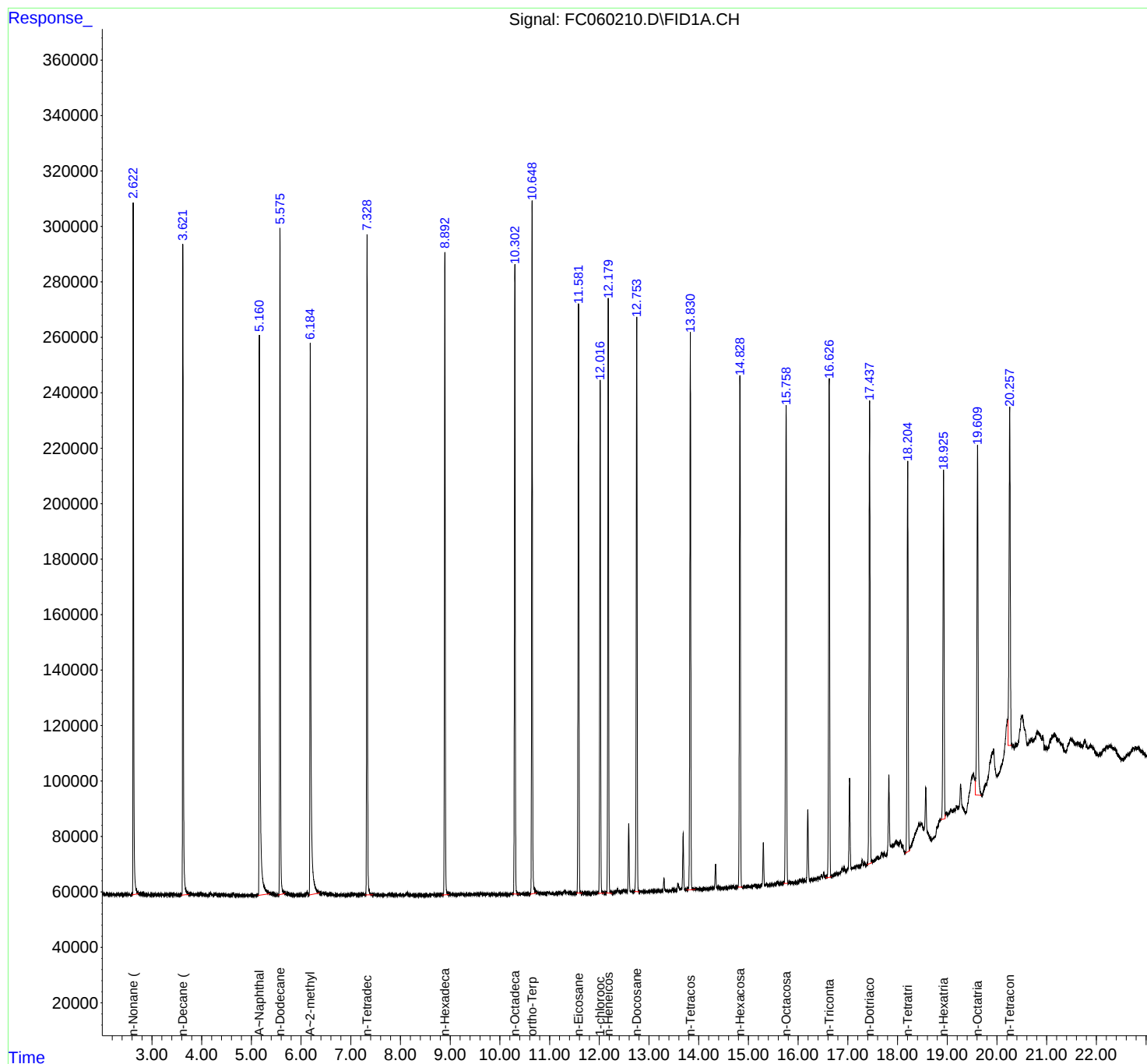
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

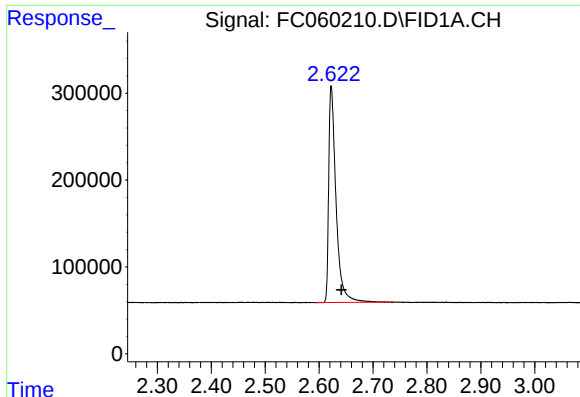
Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 06/13/2022
Supervised By : Ankita Jodhani 06/13/2022

Integration File: autoint1.e
Quant Time: Jun 11 05:15:43 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
Quant Title : GC Extractables
QLast Update : Sat May 28 08:22:04 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





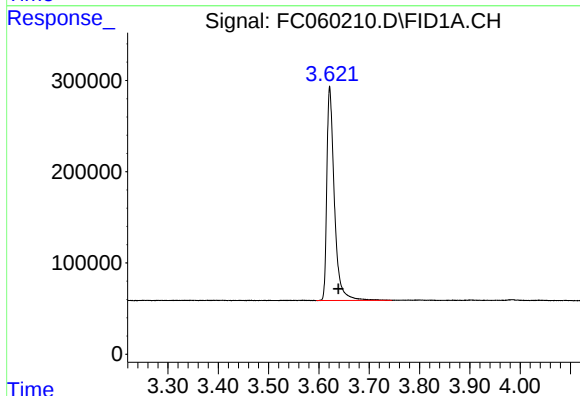
#1 n-Nonane (C9)

R.T.: 2.624 min
Delta R.T.: -0.017 min
Response: 2361034
Conc: 18.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

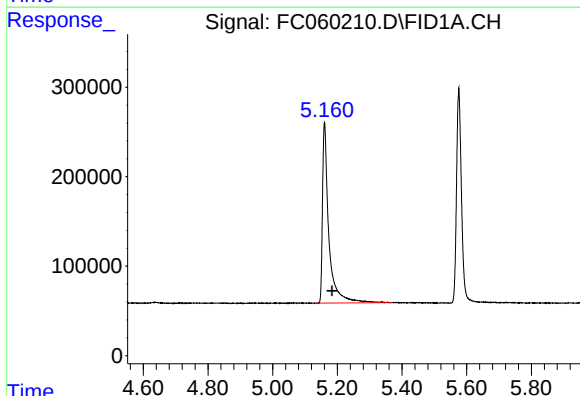
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



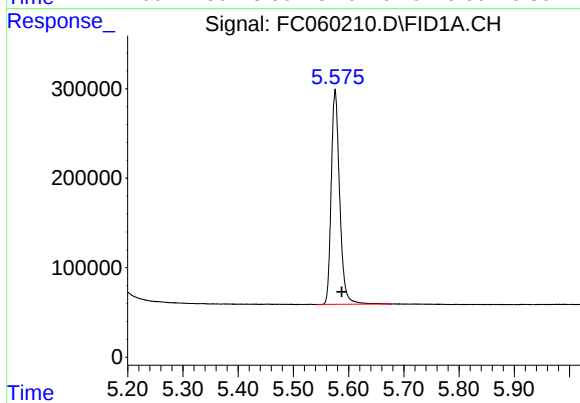
#2 n-Decane (C10)

R.T.: 3.622 min
Delta R.T.: -0.017 min
Response: 2442312
Conc: 19.09 ug/ml



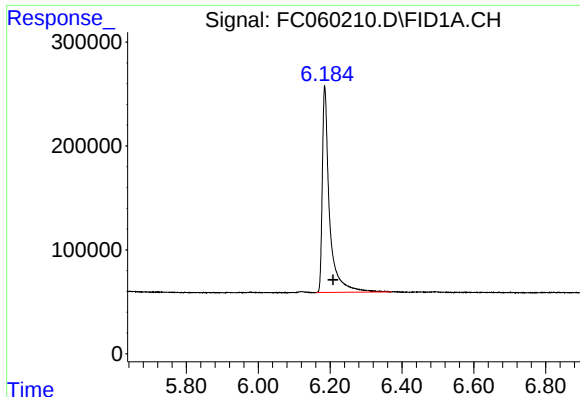
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.023 min
Response: 2755184
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.576 min
Delta R.T.: -0.012 min
Response: 2554065
Conc: 19.16 ug/ml



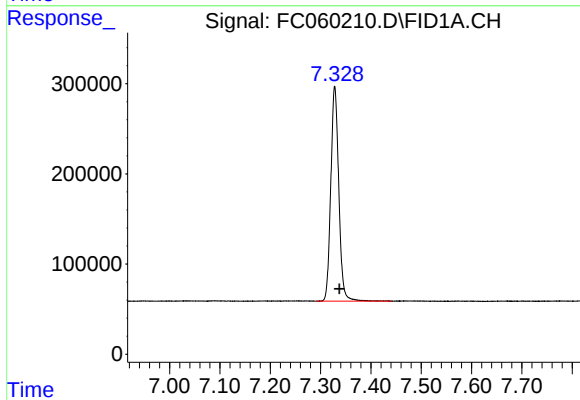
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.186 min
Delta R.T.: -0.022 min
Response: 2794747
Conc: 19.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

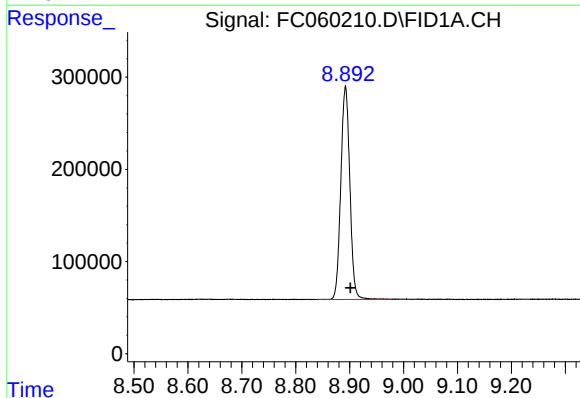
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



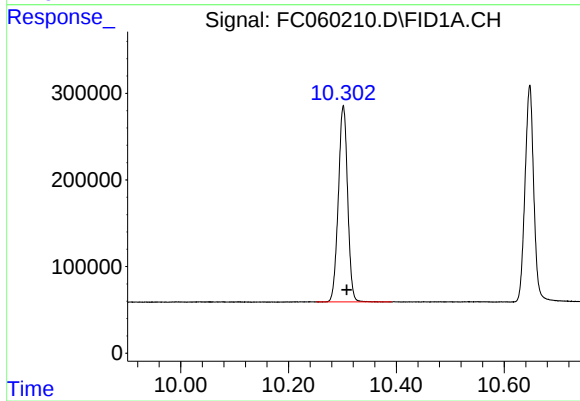
#6 n-Tetradecane (C14)

R.T.: 7.328 min
Delta R.T.: -0.009 min
Response: 2619879
Conc: 19.19 ug/ml



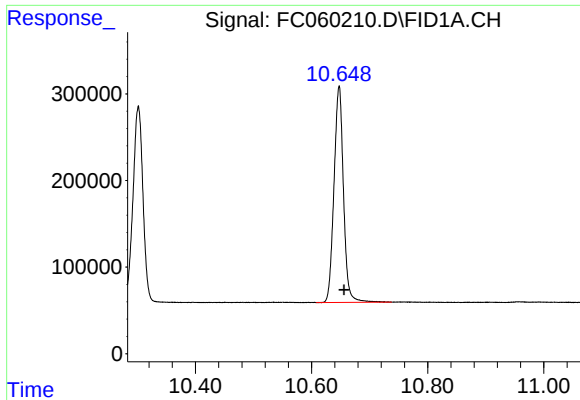
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.009 min
Response: 2685311
Conc: 19.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.301 min
Delta R.T.: -0.007 min
Response: 2706604
Conc: 18.91 ug/ml



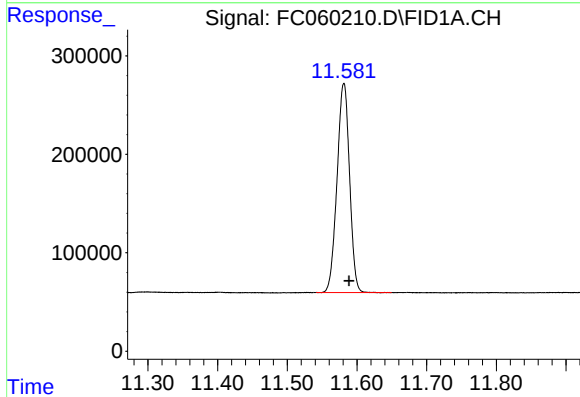
#9 ortho-Terphenyl (SURR)

R.T.: 10.647 min
Delta R.T.: -0.009 min
Response: 2829717
Conc: 18.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

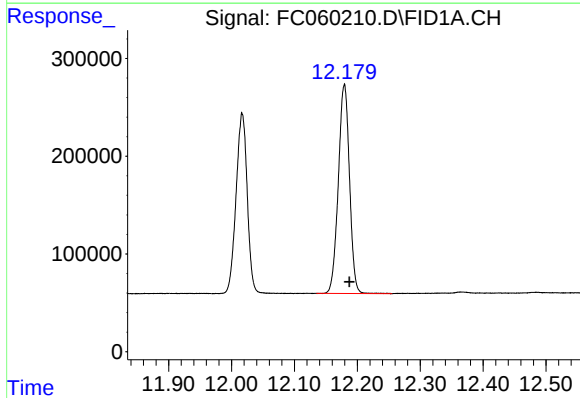
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



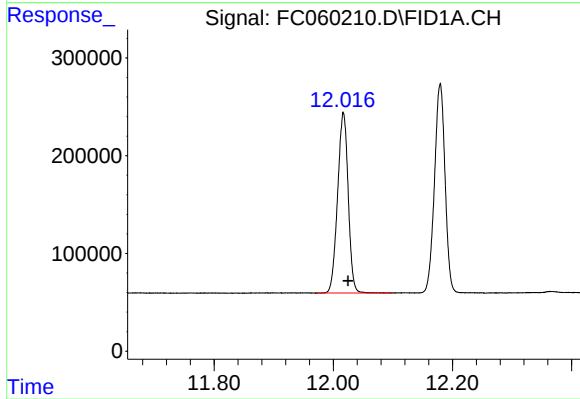
#10 n-Eicosane (C20)

R.T.: 11.581 min
Delta R.T.: -0.008 min
Response: 2651102
Conc: 18.58 ug/ml



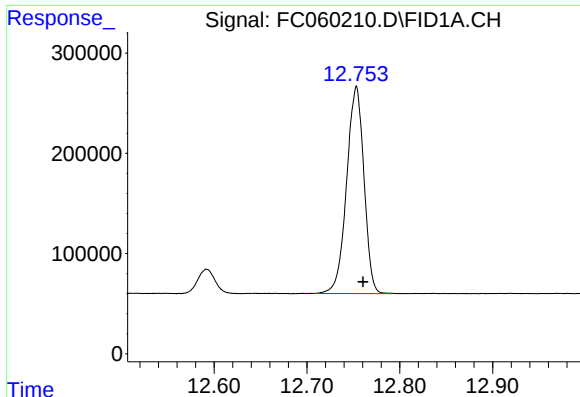
#11 n-Heneicosane (C21)

R.T.: 12.179 min
Delta R.T.: -0.009 min
Response: 2640495
Conc: 18.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.017 min
Delta R.T.: -0.008 min
Response: 2279148
Conc: 18.38 ug/ml



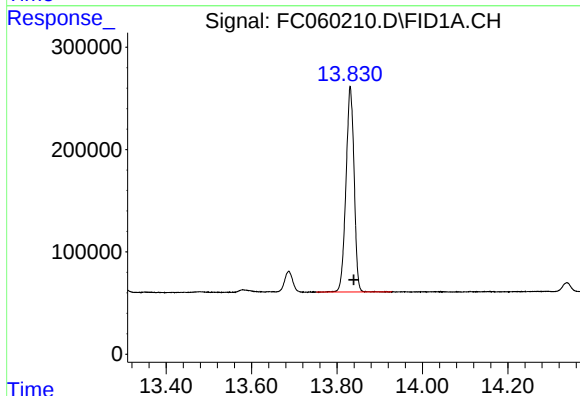
#13 n-Docosane (C22)

R.T.: 12.753 min
Delta R.T.: -0.008 min
Response: 2681134
Conc: 18.82 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

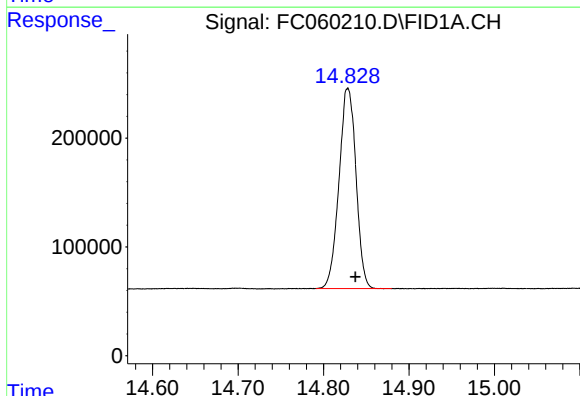
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



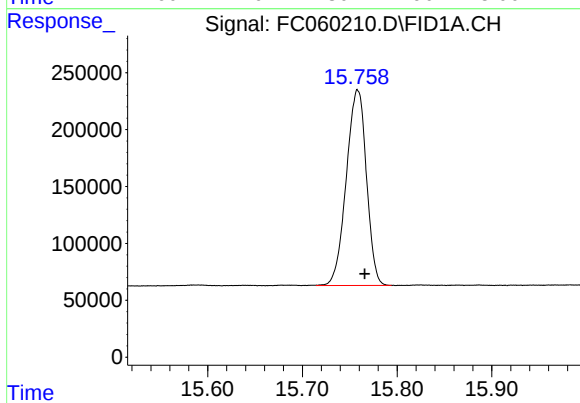
#14 n-Tetracosane (C24)

R.T.: 13.831 min
Delta R.T.: -0.008 min
Response: 2652268
Conc: 18.90 ug/ml



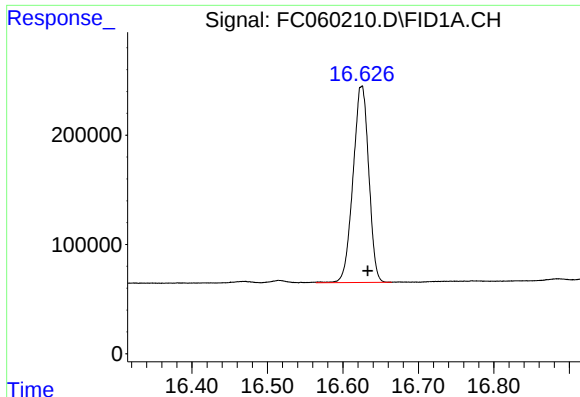
#15 n-Hexacosane (C26)

R.T.: 14.829 min
Delta R.T.: -0.009 min
Response: 2540089
Conc: 18.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.758 min
Delta R.T.: -0.008 min
Response: 2539834
Conc: 19.50 ug/ml m



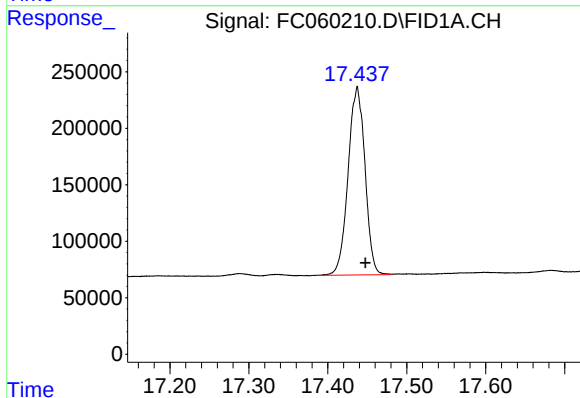
#17 n-Tricontane (C30)

R.T.: 16.625 min
Delta R.T.: -0.008 min
Response: 2593674
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

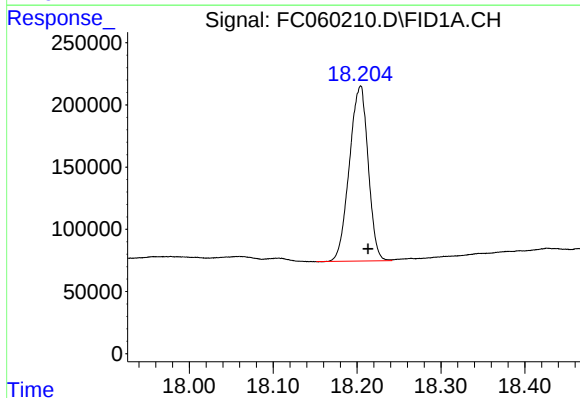
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



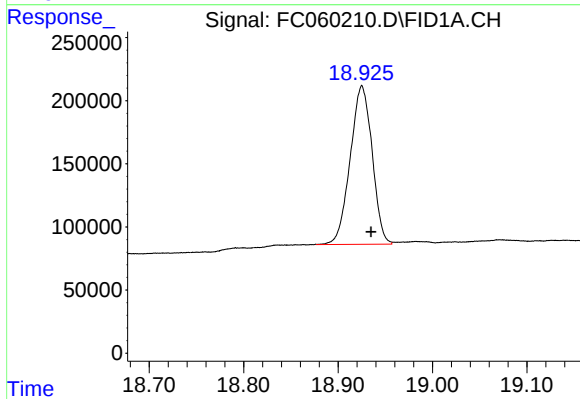
#18 n-Dotriacontane (C32)

R.T.: 17.437 min
Delta R.T.: -0.010 min
Response: 2471677
Conc: 22.17 ug/ml m



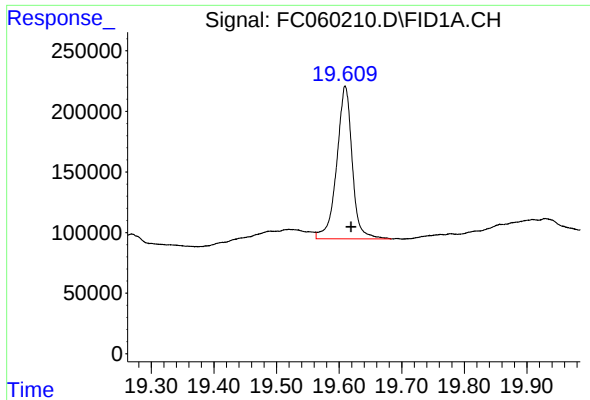
#19 n-Tetratriacontane (C34)

R.T.: 18.203 min
Delta R.T.: -0.010 min
Response: 2187613
Conc: 21.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.925 min
Delta R.T.: -0.010 min
Response: 2027514
Conc: 21.41 ug/ml m



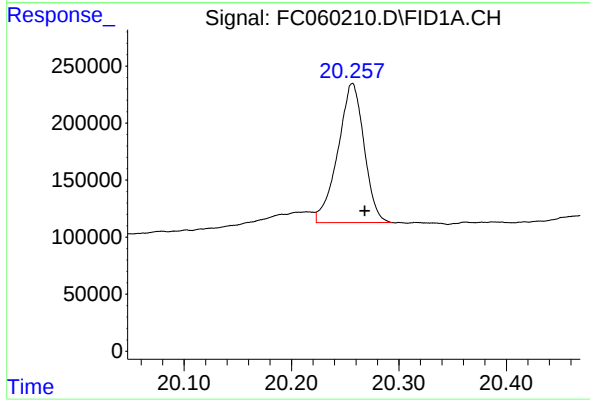
#21 n-Octatriacontane (C38)

R.T.: 19.609 min
Delta R.T.: -0.010 min
Response: 2162536
Conc: 23.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/13/2022
Supervised By :Ankita Jodhani 06/13/2022



#22 n-Tetracontane (C40)

R.T.: 20.257 min
Delta R.T.: -0.011 min
Response: 2062750
Conc: 21.92 ug/ml m