

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071723AL\
 Data File : FG012419.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jul 2023 22:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2023
 Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
 Quant Time: Jul 18 05:55:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.887	3090415	19.778 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
12) S 1-chlorooctadecane (S...	12.325	2301058	19.854 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	2.736	2442772	19.638 ug/ml
2) T n-Decane (C10)	3.744	2491901	19.599 ug/ml
3) T A~Naphthalene (C11.7)	5.309	2741352	19.806 ug/ml
4) T n-Dodecane (C12)	5.733	2516830	19.563 ug/ml
5) T A~2-methylnaphthalene...	6.358	2599635	19.909 ug/ml
6) T n-Tetradecane (C14)	7.526	2499346	19.571 ug/ml
7) T n-Hexadecane (C16)	9.127	2624440	19.684 ug/ml
8) T n-Octadecane (C18)	10.569	2721978	19.601 ug/ml
10) T n-Eicosane (C20)	11.880	2656389	19.648 ug/ml
11) T n-Heneicosane (C21)	12.493	2614889	19.710 ug/ml
13) T n-Docosane (C22)	13.079	2620263	19.876 ug/ml
14) T n-Tetracosane (C24)	14.183	2739410	19.505 ug/ml
15) T n-Hexacosane (C26)	15.205	2539370	20.116 ug/ml
16) T n-Octacosane (C28)	16.156	2483603	19.756 ug/ml
17) T n-Tricontane (C30)	17.044	2514270	19.027 ug/ml
18) T n-Dotriacontane (C32)	17.878	2489890	18.713 ug/ml
19) T n-Tetratriacontane (C34)	18.662	2412909	18.832 ug/ml
20) T n-Hexatriacontane (C36)	19.403	2337270	18.914 ug/ml
21) T n-Octatriacontane (C38)	20.137	2288100	19.157 ug/ml
22) T n-Tetracontane (C40)	21.043	2217980	19.141 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071723AL\
Data File : FG012419.D
Signal(s) : FID1A.ch
Acq On : 17 Jul 2023 22:53
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 11 Sample Multiplier: 1

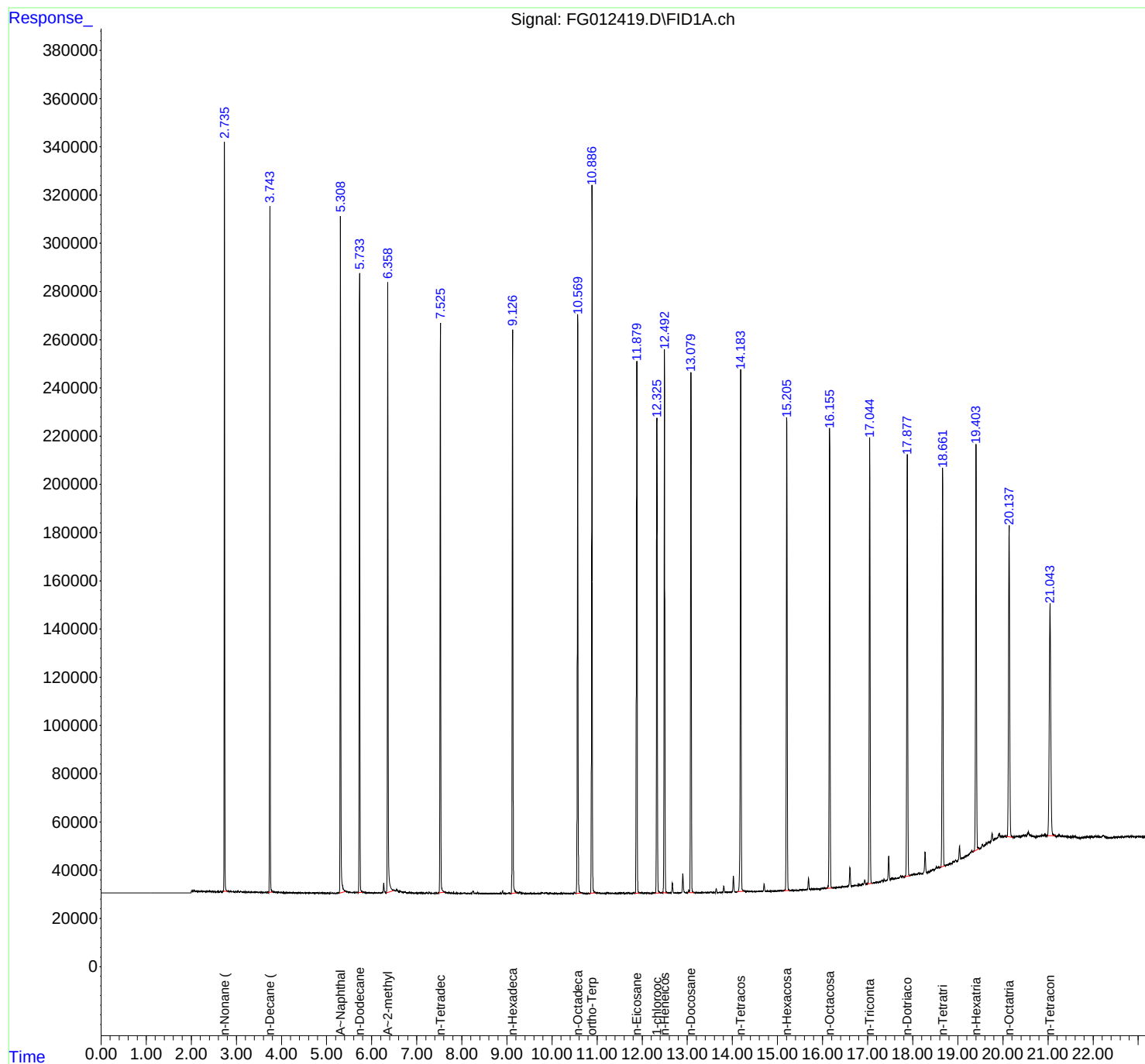
Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

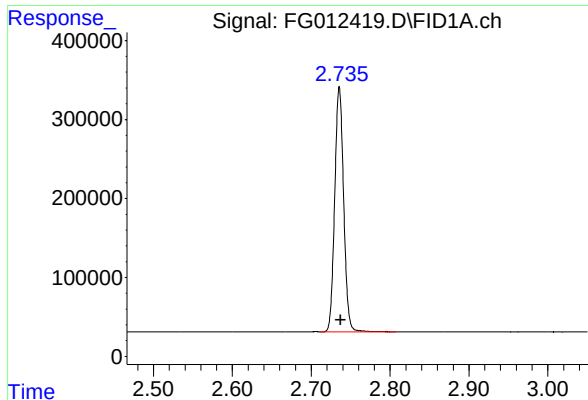
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
Quant Time: Jul 18 05:55:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
Quant Title : GC Extractables
QLast Update : Sat Jul 15 01:18:50 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





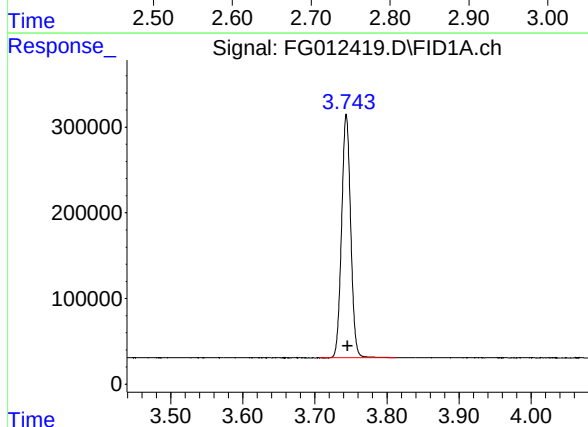
#1 n-Nonane (C9)

R.T.: 2.736 min
Delta R.T.: -0.001 min
Response: 2442772
Conc: 19.64 ug/ml

Instrument : FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

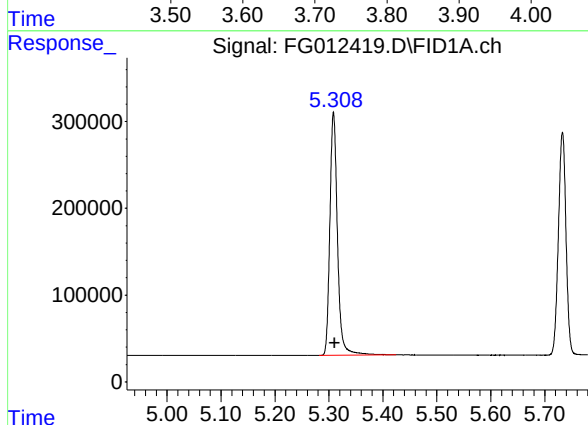
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Ankita Jodhani 07/18/2023



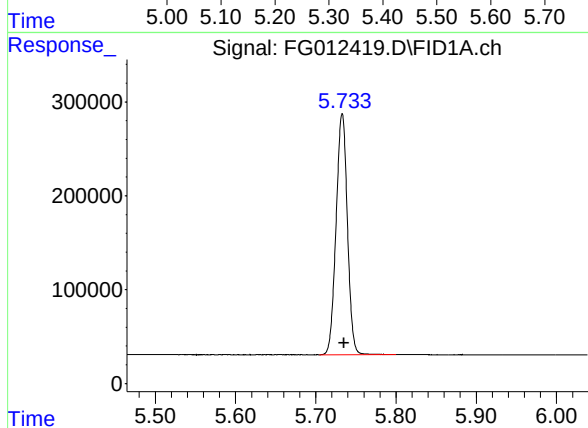
#2 n-Decane (C10)

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 2491901
Conc: 19.60 ug/ml



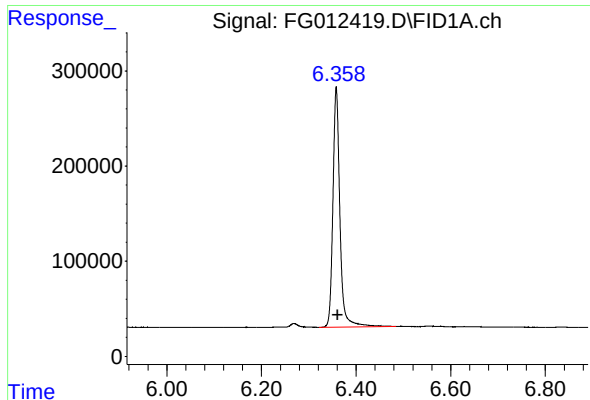
#3 A~Naphthalene (C11.7)

R.T.: 5.309 min
Delta R.T.: -0.002 min
Response: 2741352
Conc: 19.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 2516830
Conc: 19.56 ug/ml



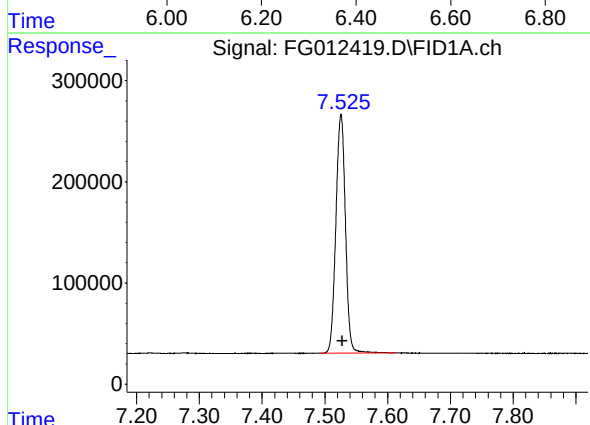
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 2599635
Conc: 19.91 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

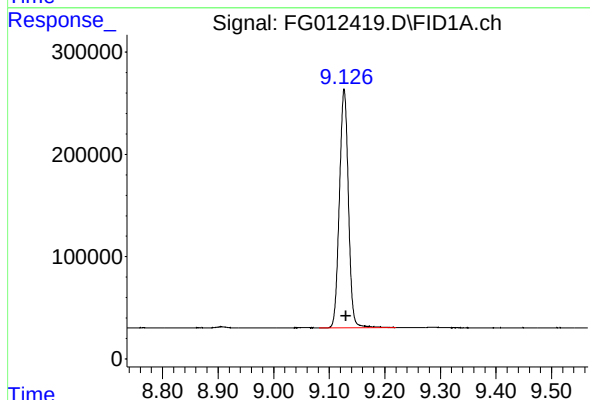
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Ankita Jodhani 07/18/2023



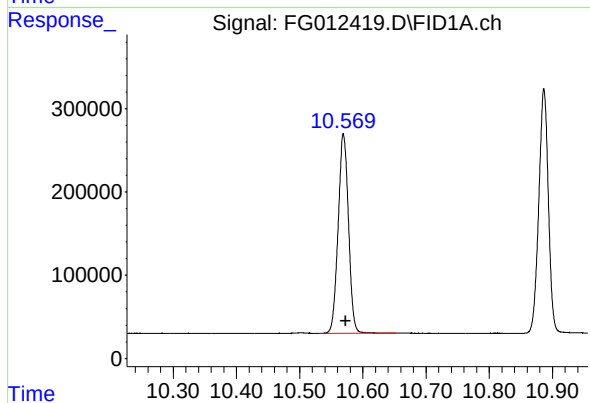
#6 n-Tetradecane (C14)

R.T.: 7.526 min
Delta R.T.: -0.002 min
Response: 2499346
Conc: 19.57 ug/ml



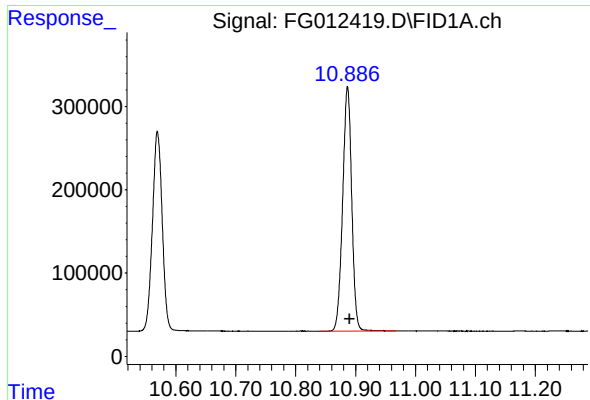
#7 n-Hexadecane (C16)

R.T.: 9.127 min
Delta R.T.: -0.003 min
Response: 2624440
Conc: 19.68 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.569 min
Delta R.T.: -0.003 min
Response: 2721978
Conc: 19.60 ug/ml



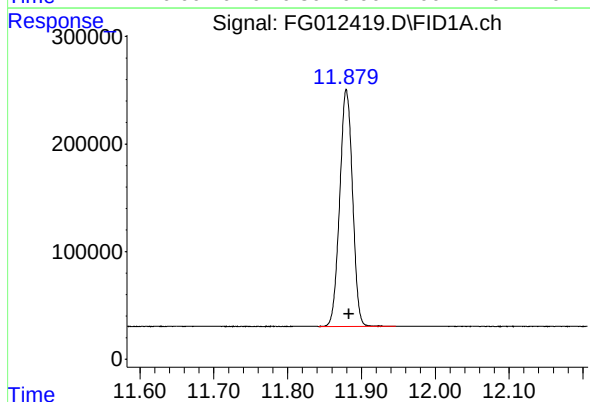
#9 ortho-Terphenyl (SURR)

R.T.: 10.887 min
Delta R.T.: -0.003 min
Response: 3090415
Conc: 19.78 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

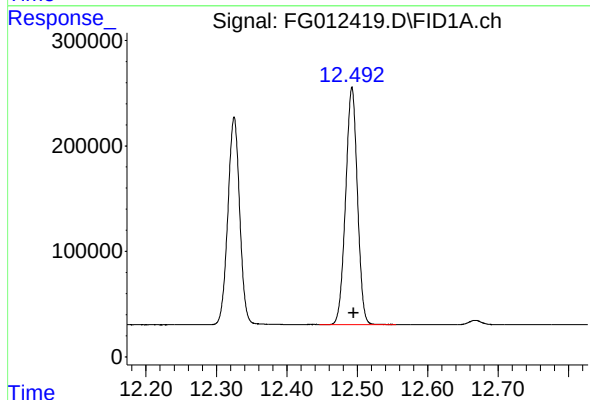
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Ankita Jodhani 07/18/2023



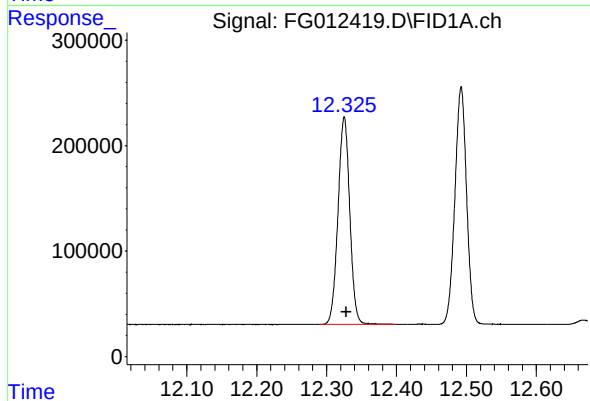
#10 n-Eicosane (C20)

R.T.: 11.880 min
Delta R.T.: -0.003 min
Response: 2656389
Conc: 19.65 ug/ml



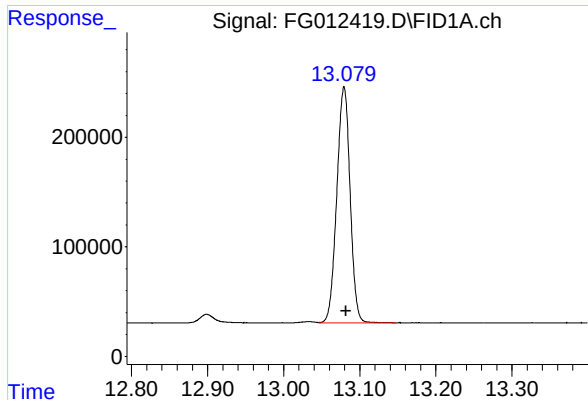
#11 n-Heneicosane (C21)

R.T.: 12.493 min
Delta R.T.: -0.002 min
Response: 2614889
Conc: 19.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.325 min
Delta R.T.: -0.003 min
Response: 2301058
Conc: 19.85 ug/ml



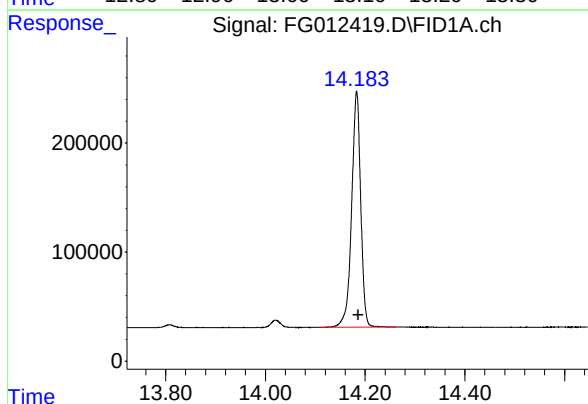
#13 n-Docosane (C22)

R.T.: 13.079 min
Delta R.T.: -0.003 min
Response: 2620263
Conc: 19.88 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

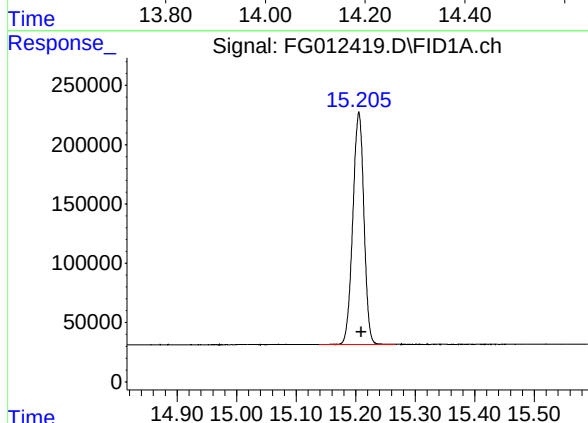
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Ankita Jodhani 07/18/2023



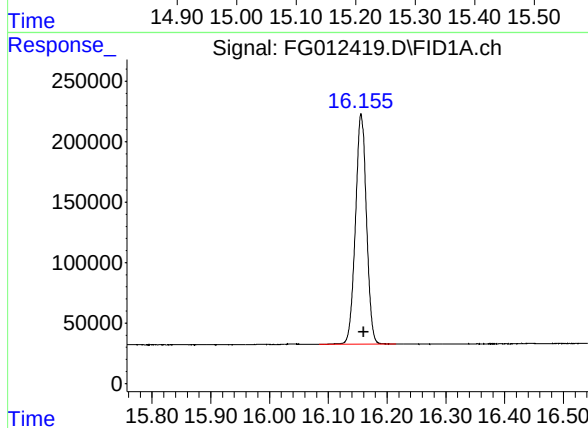
#14 n-Tetracosane (C24)

R.T.: 14.183 min
Delta R.T.: -0.004 min
Response: 2739410
Conc: 19.50 ug/ml



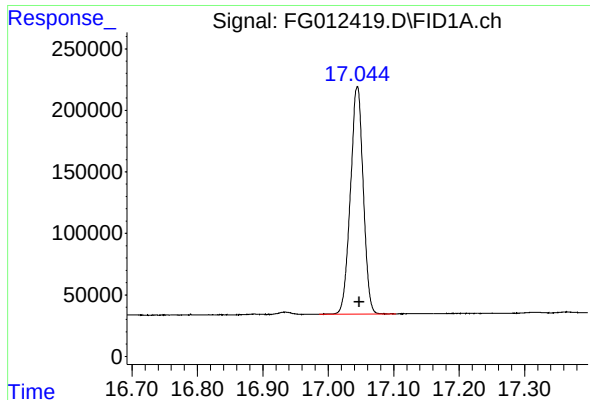
#15 n-Hexacosane (C26)

R.T.: 15.205 min
Delta R.T.: -0.004 min
Response: 2539370
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.156 min
Delta R.T.: -0.004 min
Response: 2483603
Conc: 19.76 ug/ml



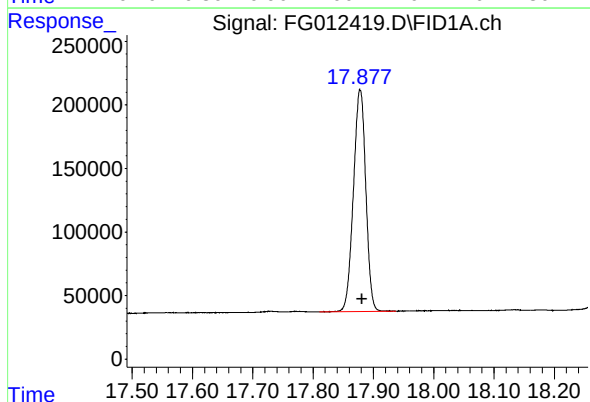
#17 n-Tricontane (C30)

R.T.: 17.044 min
Delta R.T.: -0.003 min
Response: 2514270
Conc: 19.03 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

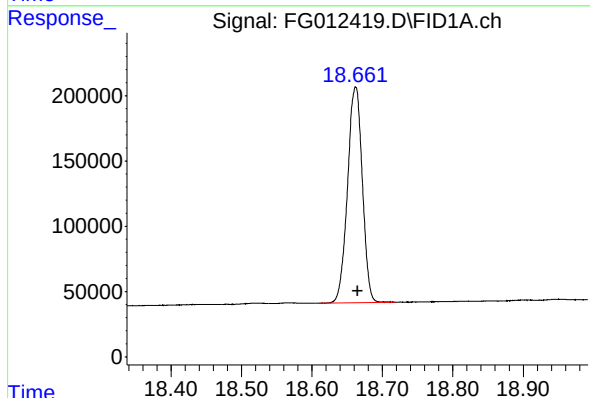
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Ankita Jodhani 07/18/2023



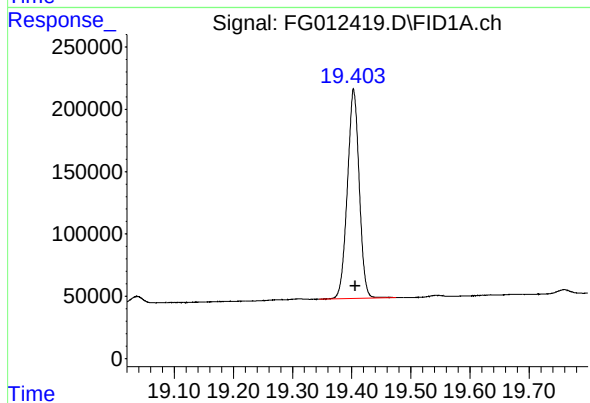
#18 n-Dotriacontane (C32)

R.T.: 17.878 min
Delta R.T.: -0.003 min
Response: 2489890
Conc: 18.71 ug/ml



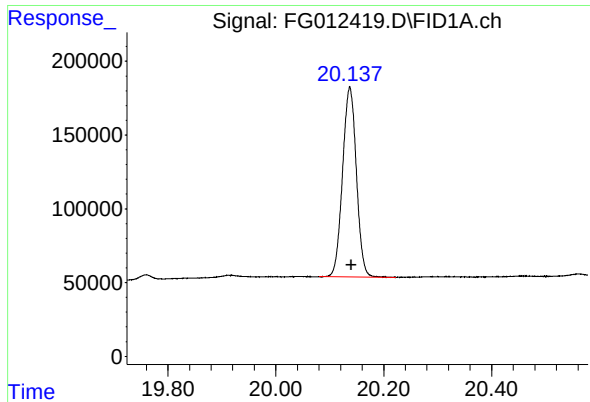
#19 n-Tetratriacontane (C34)

R.T.: 18.662 min
Delta R.T.: -0.003 min
Response: 2412909
Conc: 18.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.403 min
Delta R.T.: -0.003 min
Response: 2337270
Conc: 18.91 ug/ml



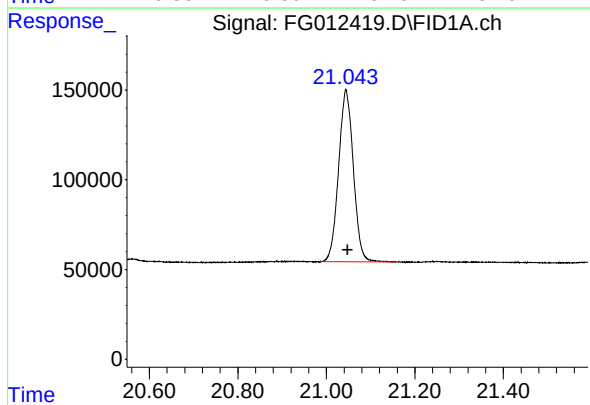
#21 n-Octatriacontane (C38)

R.T.: 20.137 min
Delta R.T.: -0.003 min
Response: 2288100
Conc: 19.16 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2023
Supervised By :Ankita Jodhani 07/18/2023



#22 n-Tetracontane (C40)

R.T.: 21.043 min
Delta R.T.: -0.004 min
Response: 2217980
Conc: 19.14 ug/ml m