

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F121824AL\  
 Data File : FC068036.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Dec 2024 06:11  
 Operator : YP/AJ  
 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 12/18/2024  
 Supervised By :Ankita Jodhani 12/19/2024

Integration File: autoint1.e  
 Quant Time: Dec 18 09:55:10 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 10 07:59:10 2024  
 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)    | 11.436 | 3226724    | 18.661 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.32%        |
| 12) S 1-chlorooctadecane (S... | 12.878 | 2397073    | 18.787 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.57%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.225  | 2855422    | 18.379 ug/ml  |
| 2) T n-Decane (C10)            | 4.287  | 2935591    | 18.518 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.859  | 3252095    | 18.628 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.300  | 2977795    | 18.494 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.914  | 3138180    | 18.730 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.092  | 2947855    | 18.540 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.690  | 3016475    | 18.672 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.129 | 2986903    | 18.605 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.436 | 2813164    | 18.701 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.047 | 2740647    | 18.757 ug/ml  |
| 13) T n-Docosane (C22)         | 13.633 | 2706551    | 18.908 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.734 | 2671599    | 19.227 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.753 | 2603770    | 19.470 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.702 | 2664021    | 20.538 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.587 | 2874979    | 22.193 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.420 | 2885797    | 23.294 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.201 | 2520778    | 23.095 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.939 | 2132236    | 22.537 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.653 | 1923556    | 21.264 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.520 | 1812240    | 20.561 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121824AL\  
Data File : FC068036.D  
Signal(s) : FID1A.ch  
Acq On : 18 Dec 2024 06:11  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

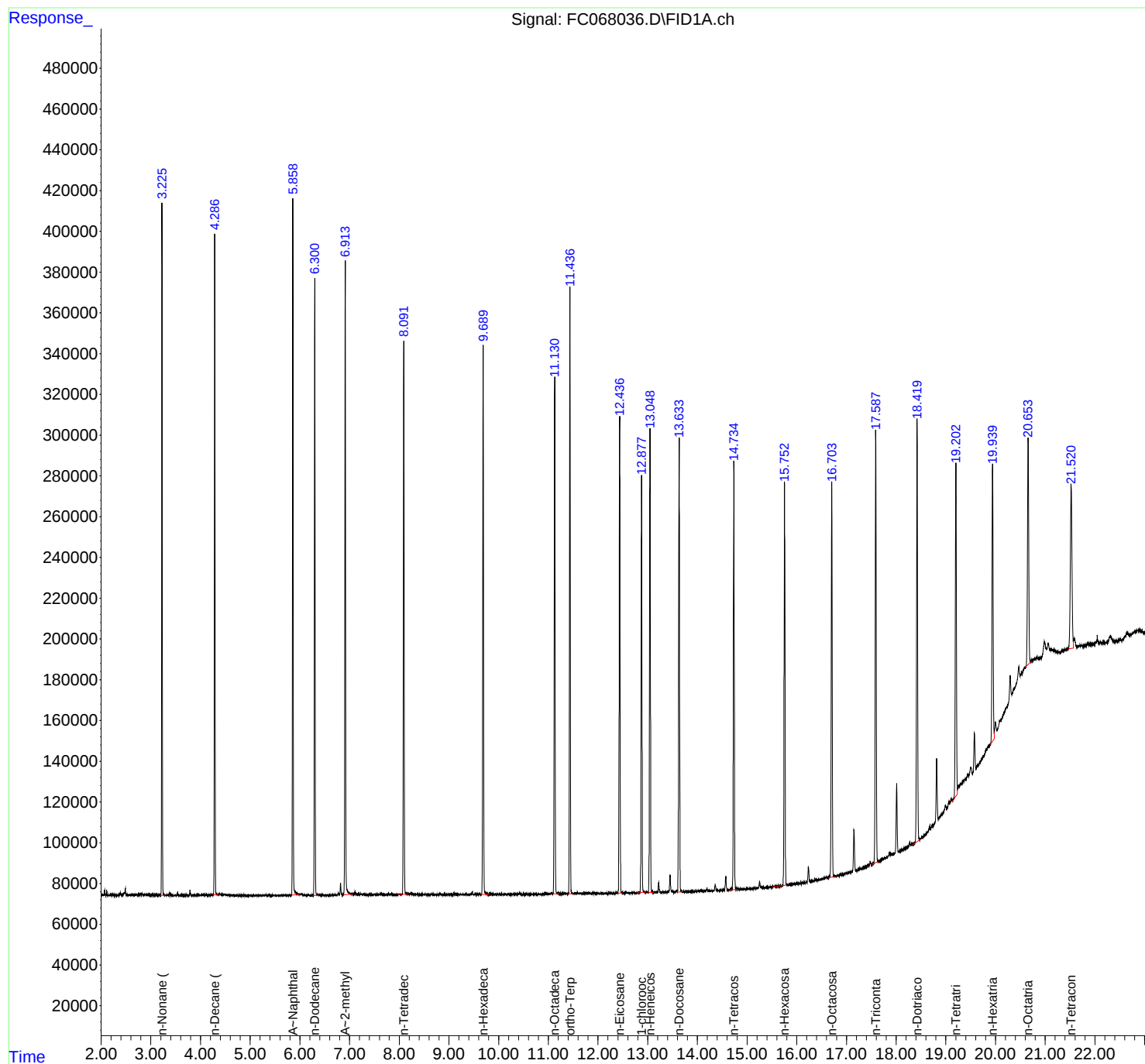
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

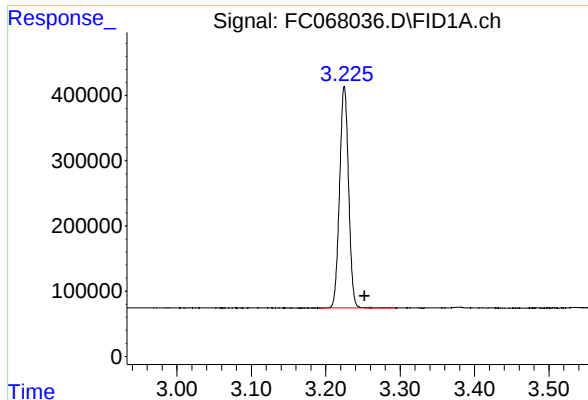
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/18/2024  
Supervised By :Ankita Jodhani 12/19/2024

Integration File: autoint1.e  
Quant Time: Dec 18 09:55:10 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121024.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 10 07:59:10 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





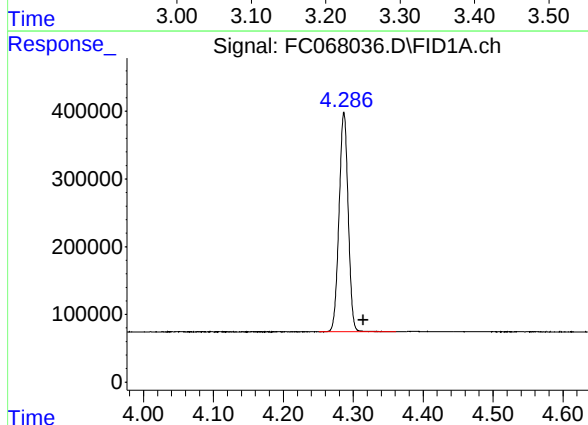
#1 n-Nonane (C9)

R.T.: 3.225 min  
Delta R.T.: -0.027 min  
Response: 2855422  
Conc: 18.38 ug/ml

Instrument : FID\_C  
ClientSampleId : 20 PPM ALIPHATIC HC STD

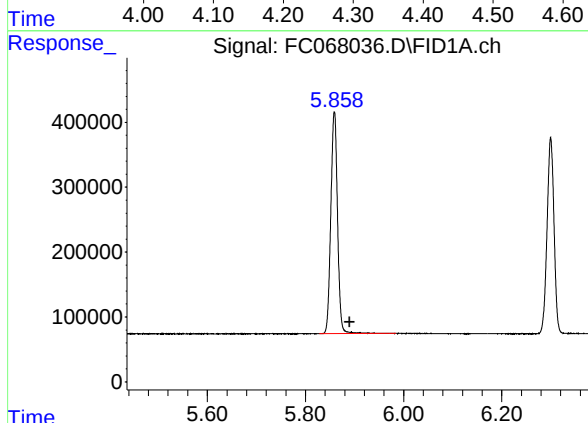
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/18/2024  
Supervised By :Ankita Jodhani 12/19/2024



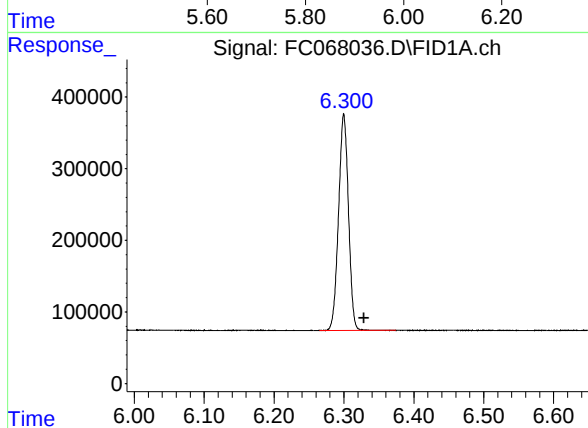
#2 n-Decane (C10)

R.T.: 4.287 min  
Delta R.T.: -0.027 min  
Response: 2935591  
Conc: 18.52 ug/ml



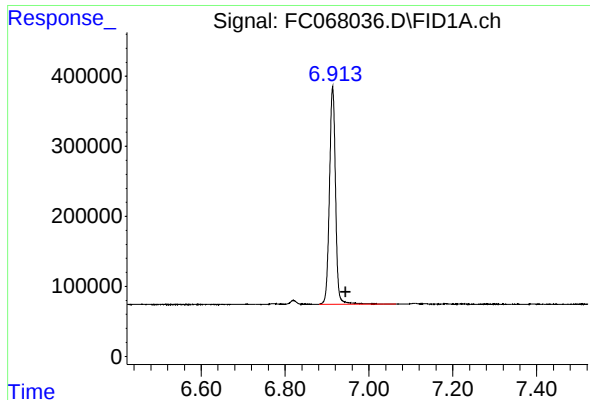
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min  
Delta R.T.: -0.031 min  
Response: 3252095  
Conc: 18.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.300 min  
Delta R.T.: -0.029 min  
Response: 2977795  
Conc: 18.49 ug/ml



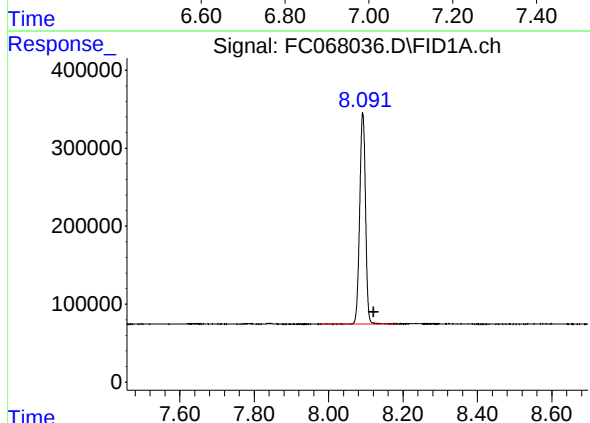
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min  
Delta R.T.: -0.031 min  
Response: 3138180  
Conc: 18.73 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

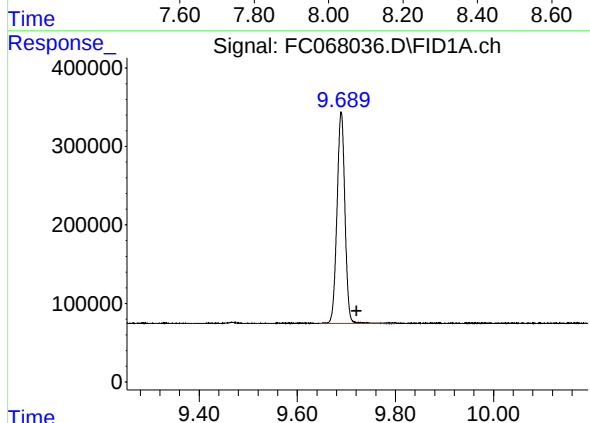
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/18/2024  
Supervised By :Ankita Jodhani 12/19/2024



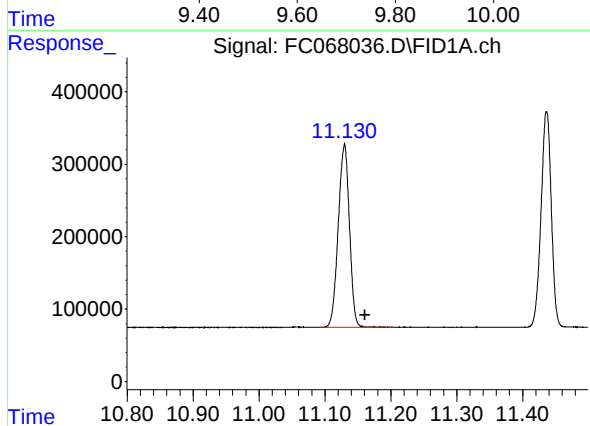
#6 n-Tetradecane (C14)

R.T.: 8.092 min  
Delta R.T.: -0.030 min  
Response: 2947855  
Conc: 18.54 ug/ml



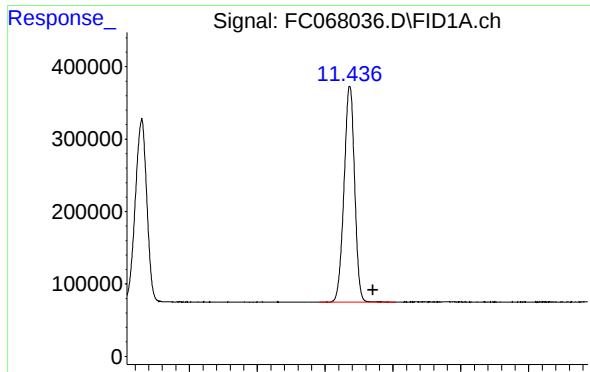
#7 n-Hexadecane (C16)

R.T.: 9.690 min  
Delta R.T.: -0.031 min  
Response: 3016475  
Conc: 18.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.129 min  
Delta R.T.: -0.031 min  
Response: 2986903  
Conc: 18.61 ug/ml



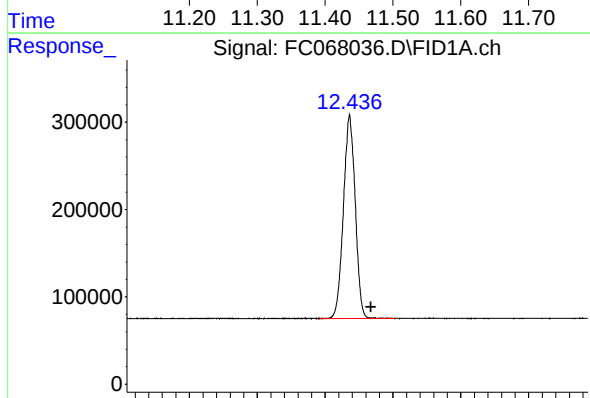
#9 ortho-Terphenyl (SURR)

R.T.: 11.436 min  
Delta R.T.: -0.034 min  
Response: 3226724  
Conc: 18.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

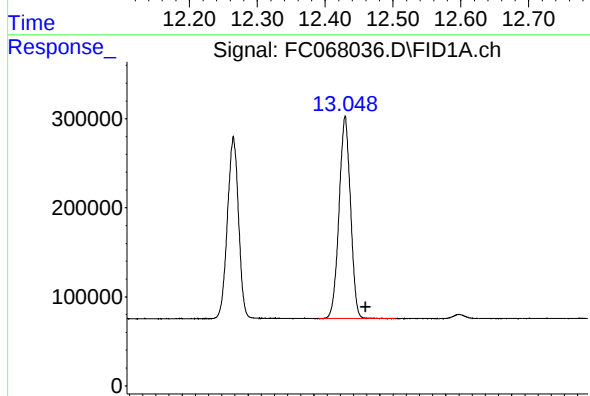
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/18/2024  
Supervised By :Ankita Jodhani 12/19/2024



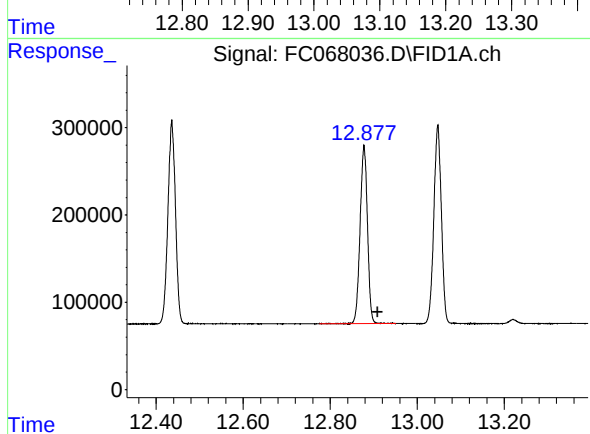
#10 n-Eicosane (C20)

R.T.: 12.436 min  
Delta R.T.: -0.031 min  
Response: 2813164  
Conc: 18.70 ug/ml



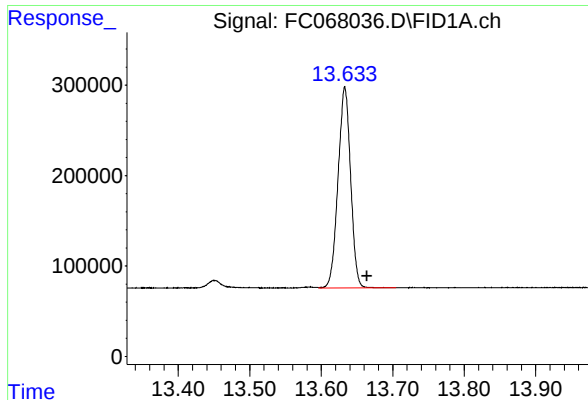
#11 n-Heneicosane (C21)

R.T.: 13.047 min  
Delta R.T.: -0.031 min  
Response: 2740647  
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.878 min  
Delta R.T.: -0.031 min  
Response: 2397073  
Conc: 18.79 ug/ml



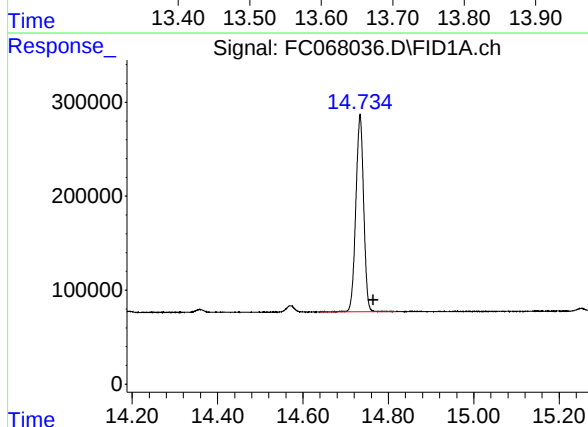
#13 n-Docosane (C22)

R.T.: 13.633 min  
Delta R.T.: -0.031 min  
Response: 2706551  
Conc: 18.91 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

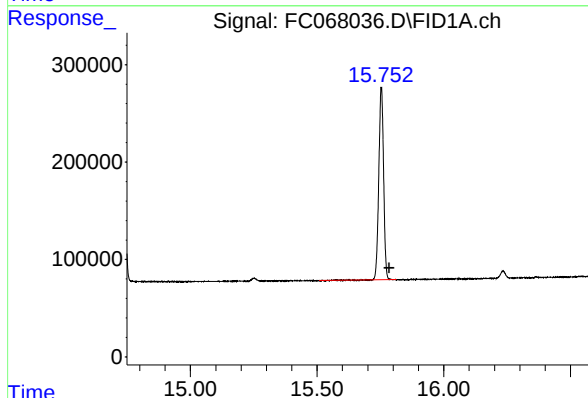
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/18/2024  
Supervised By :Ankita Jodhani 12/19/2024



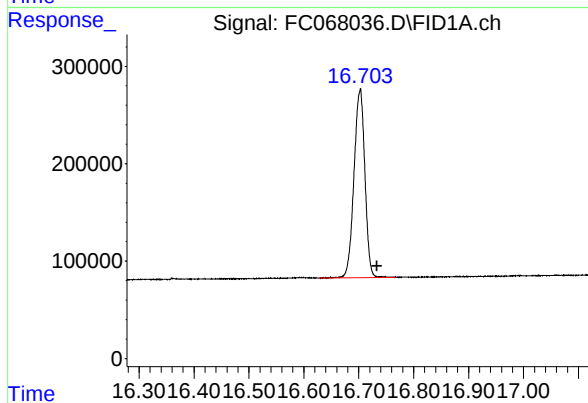
#14 n-Tetracosane (C24)

R.T.: 14.734 min  
Delta R.T.: -0.031 min  
Response: 2671599  
Conc: 19.23 ug/ml



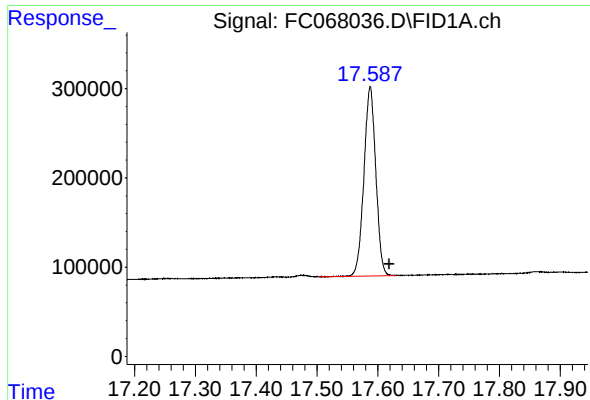
#15 n-Hexacosane (C26)

R.T.: 15.753 min  
Delta R.T.: -0.031 min  
Response: 2603770  
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.702 min  
Delta R.T.: -0.031 min  
Response: 2664021  
Conc: 20.54 ug/ml



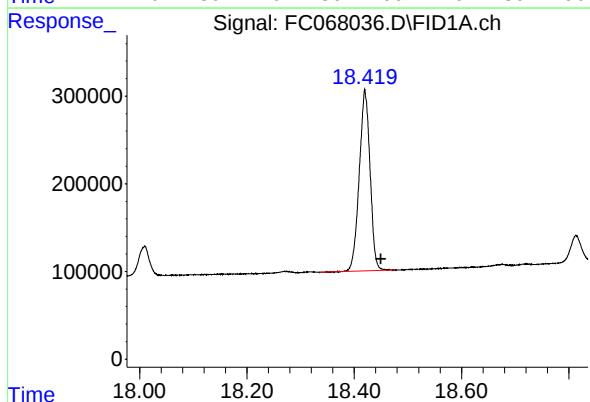
#17 n-Tricontane (C30)

R.T.: 17.587 min  
Delta R.T.: -0.031 min  
Response: 2874979  
Conc: 22.19 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

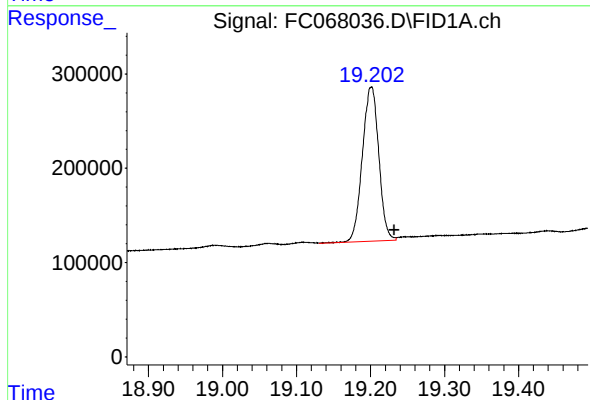
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/18/2024  
Supervised By :Ankita Jodhani 12/19/2024



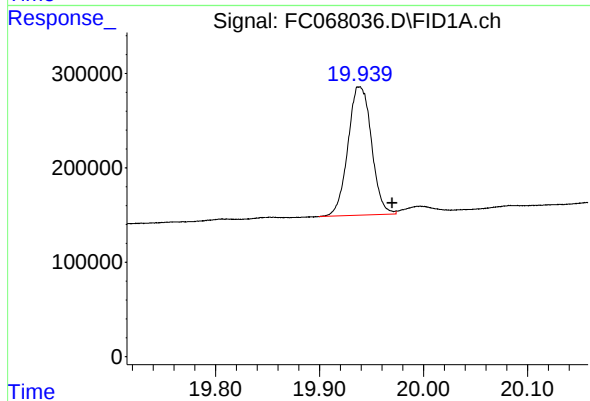
#18 n-Dotriacontane (C32)

R.T.: 18.420 min  
Delta R.T.: -0.030 min  
Response: 2885797  
Conc: 23.29 ug/ml



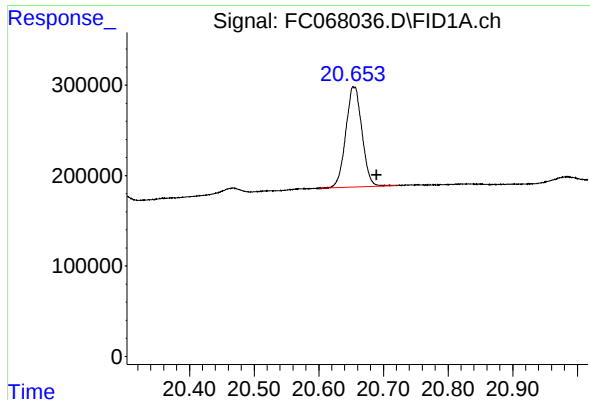
#19 n-Tetratriacontane (C34)

R.T.: 19.201 min  
Delta R.T.: -0.031 min  
Response: 2520778  
Conc: 23.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.939 min  
Delta R.T.: -0.031 min  
Response: 2132236  
Conc: 22.54 ug/ml m



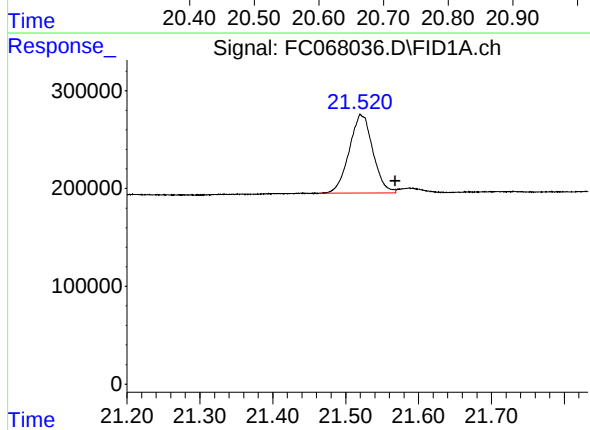
#21 n-Octatriacontane (C38)

R.T.: 20.653 min  
Delta R.T.: -0.037 min  
Response: 1923556  
Conc: 21.26 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/18/2024  
Supervised By :Ankita Jodhani 12/19/2024



#22 n-Tetracontane (C40)

R.T.: 21.520 min  
Delta R.T.: -0.048 min  
Response: 1812240  
Conc: 20.56 ug/ml m