

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080122AL\  
 Data File : FC060946.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Aug 2022 09:28  
 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 08/02/2022  
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e  
 Quant Time: Aug 02 09:50:38 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 25 19:40:54 2022  
 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)    | 10.629 | 3156473    | 19.234 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.47%        |
| 12) S 1-chlorooctadecane (S... | 11.994 | 2538878    | 19.125 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.25%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.622  | 2827396    | 20.075 ug/ml  |
| 2) T n-Decane (C10)            | 3.616  | 2901872    | 20.571 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.158  | 2979981    | 20.964 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.563  | 2994876    | 20.206 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.181  | 2880904    | 21.005 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.311  | 3034638    | 20.213 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.873  | 3071129    | 20.068 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.279 | 3084558    | 19.753 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.557 | 3045184    | 19.405 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.155 | 3005981    | 19.211 ug/ml  |
| 13) T n-Docosane (C22)         | 12.727 | 2971506    | 19.058 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.803 | 2855162    | 18.702 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.800 | 2728289    | 18.277 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.728 | 2632230    | 18.370 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.593 | 2709478    | 19.353 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.406 | 2742949    | 20.324 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.169 | 2584390    | 20.606 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 18.891 | 2542634    | 20.801 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 19.575 | 2487227    | 21.074 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.220 | 2403423    | 20.882 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080122AL\  
Data File : FC060946.D  
Signal(s) : FID1A.ch  
Acq On : 02 Aug 2022 09:28  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

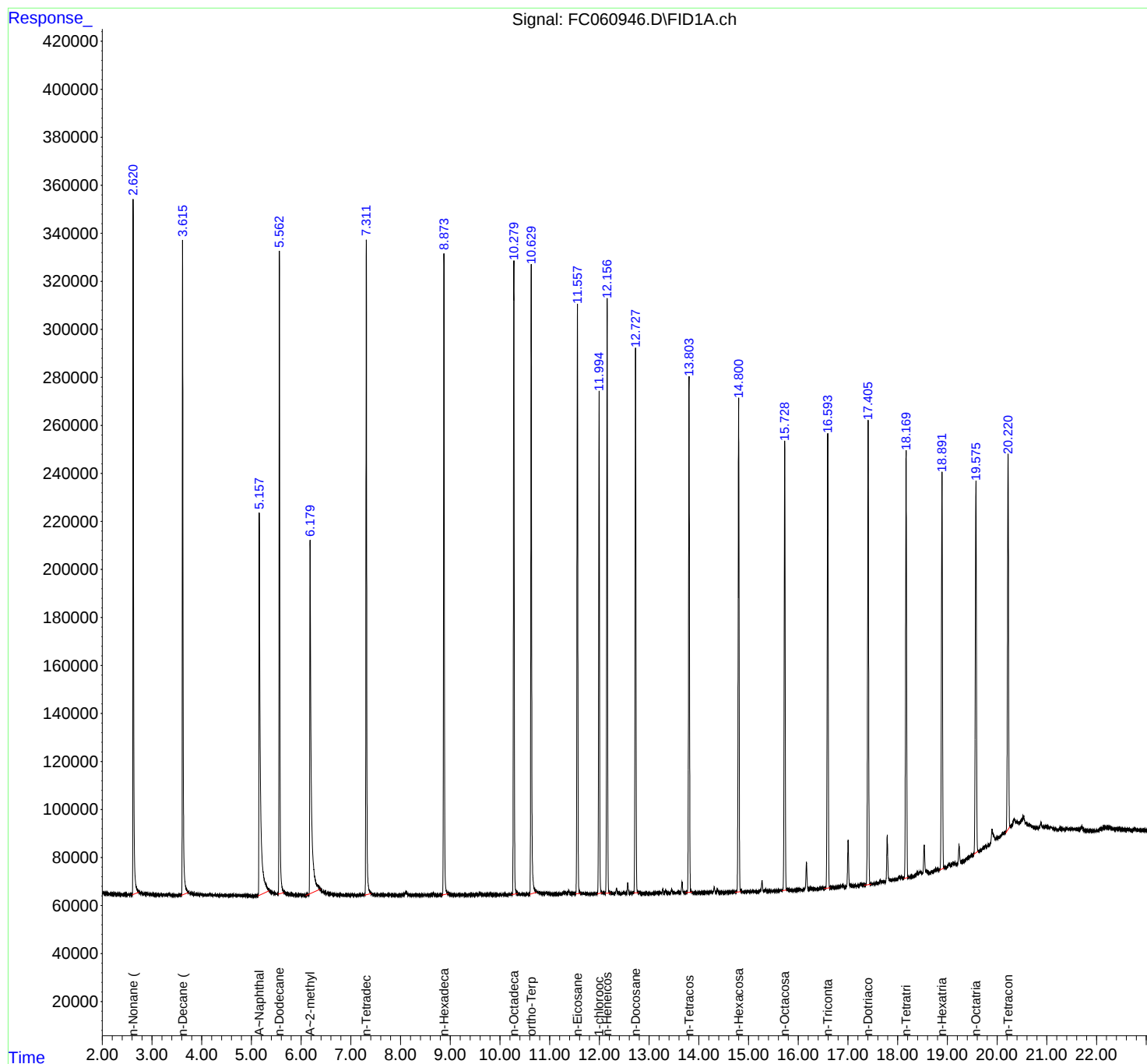
Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD

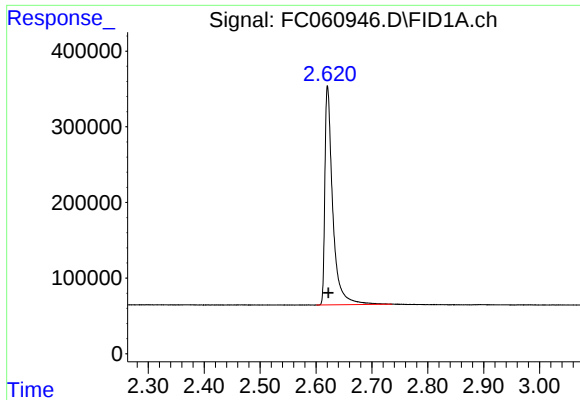
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/02/2022  
Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e  
Quant Time: Aug 02 09:50:38 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 072522.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 25 19:40:54 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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





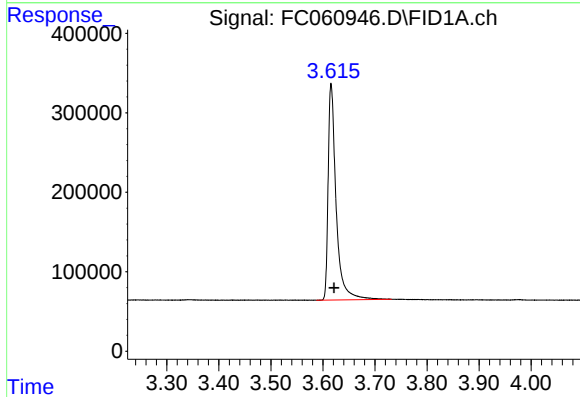
#1 n-Nonane (C9)

R.T.: 2.622 min  
Delta R.T.: 0.000 min  
Response: 2827396  
Conc: 20.08 ug/ml

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

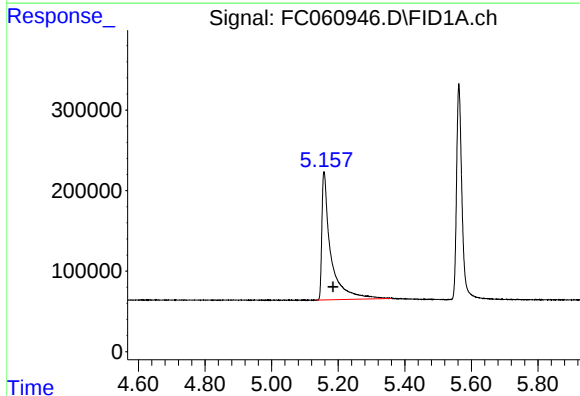
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/02/2022  
Supervised By :Ankita Jodhani 08/02/2022



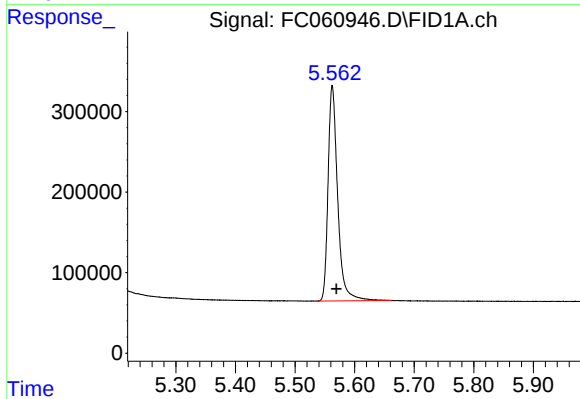
#2 n-Decane (C10)

R.T.: 3.616 min  
Delta R.T.: -0.005 min  
Response: 2901872  
Conc: 20.57 ug/ml



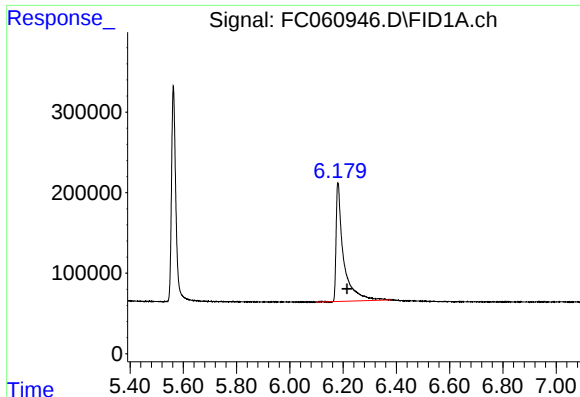
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min  
Delta R.T.: -0.026 min  
Response: 2979981  
Conc: 20.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.563 min  
Delta R.T.: -0.007 min  
Response: 2994876  
Conc: 20.21 ug/ml



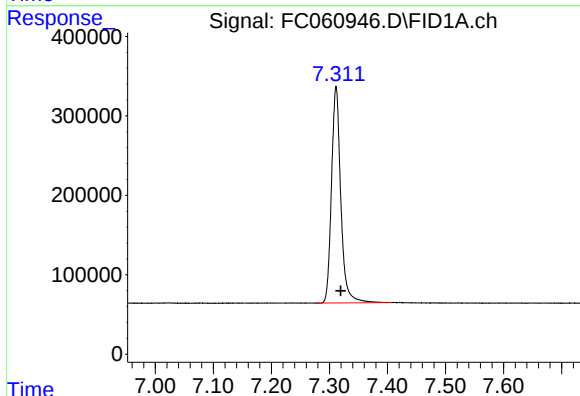
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.181 min  
Delta R.T.: -0.034 min  
Response: 2880904  
Conc: 21.01 ug/ml

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

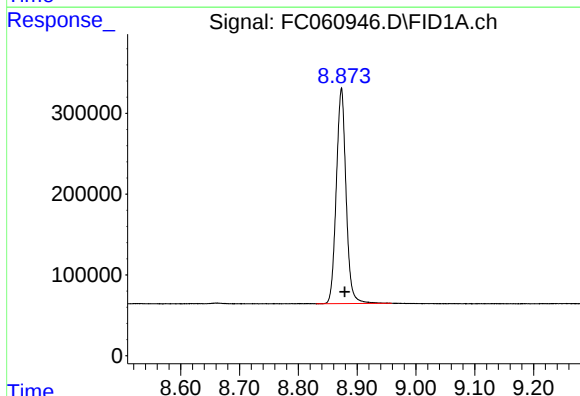
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/02/2022  
Supervised By :Ankita Jodhani 08/02/2022



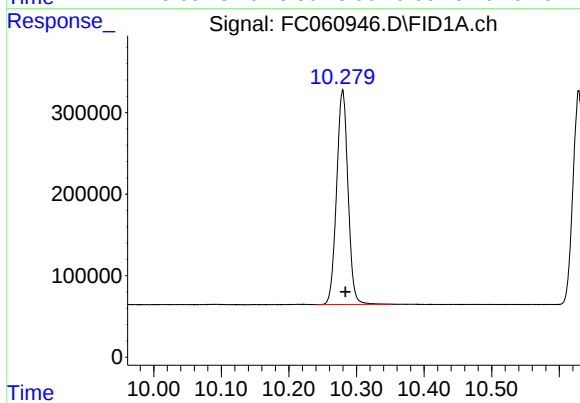
#6 n-Tetradecane (C14)

R.T.: 7.311 min  
Delta R.T.: -0.008 min  
Response: 3034638  
Conc: 20.21 ug/ml



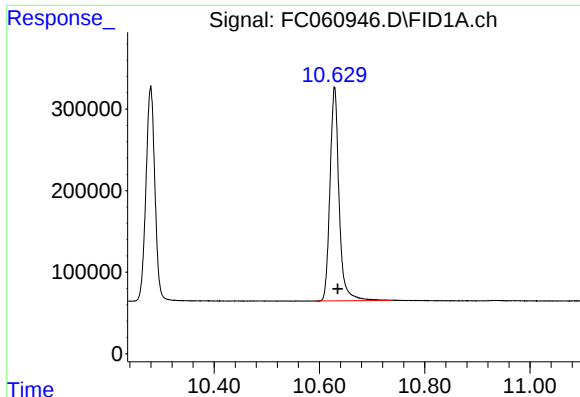
#7 n-Hexadecane (C16)

R.T.: 8.873 min  
Delta R.T.: -0.005 min  
Response: 3071129  
Conc: 20.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.279 min  
Delta R.T.: -0.004 min  
Response: 3084558  
Conc: 19.75 ug/ml



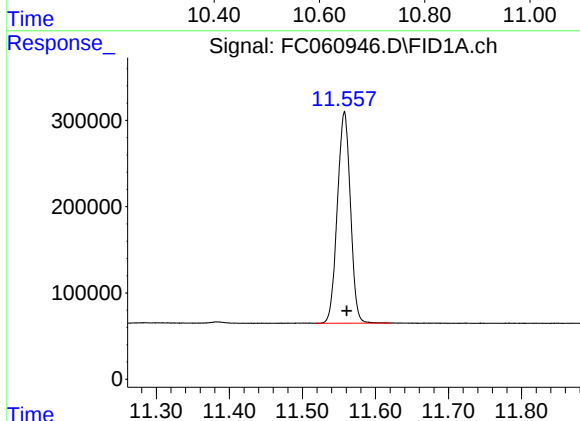
#9 ortho-Terphenyl (SURR)

R.T.: 10.629 min  
Delta R.T.: -0.006 min  
Response: 3156473  
Conc: 19.23 ug/ml

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

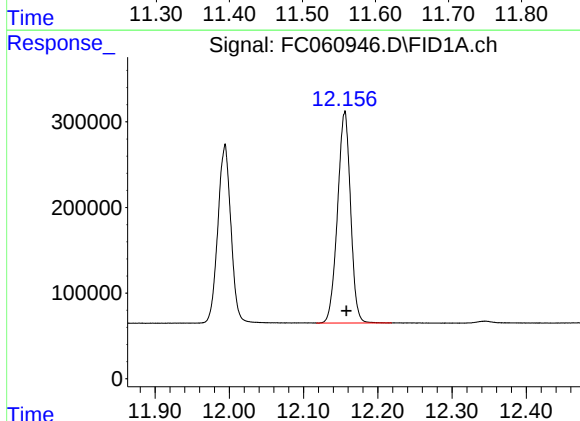
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/02/2022  
Supervised By :Ankita Jodhani 08/02/2022



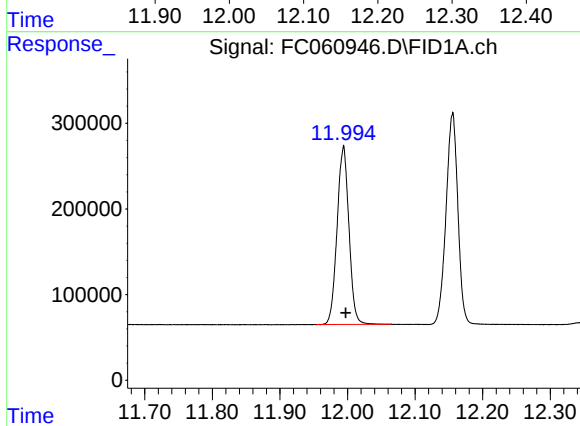
#10 n-Eicosane (C20)

R.T.: 11.557 min  
Delta R.T.: -0.003 min  
Response: 3045184  
Conc: 19.40 ug/ml



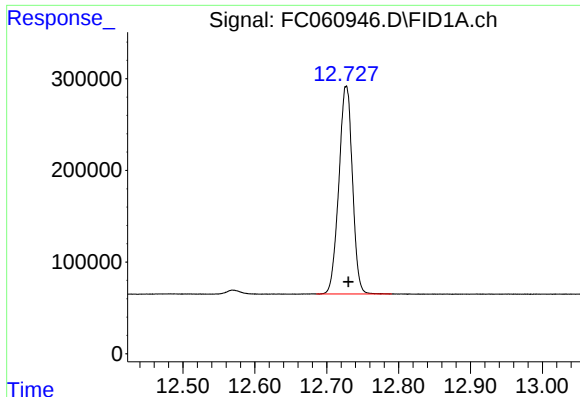
#11 n-Heneicosane (C21)

R.T.: 12.155 min  
Delta R.T.: -0.003 min  
Response: 3005981  
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.994 min  
Delta R.T.: -0.004 min  
Response: 2538878  
Conc: 19.12 ug/ml



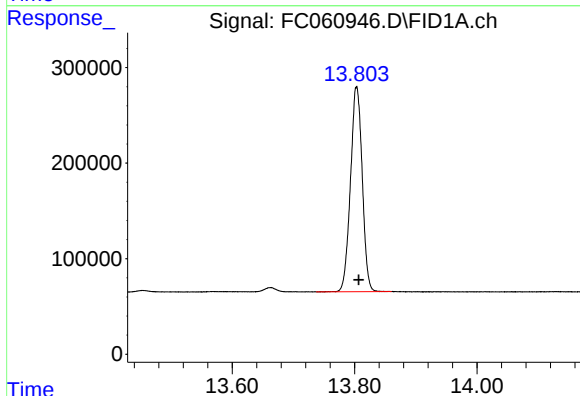
#13 n-Docosane (C22)

R.T.: 12.727 min  
Delta R.T.: -0.003 min  
Response: 2971506  
Conc: 19.06 ug/ml

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

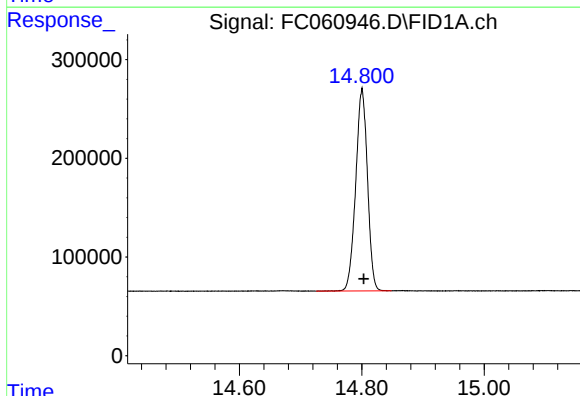
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/02/2022  
Supervised By :Ankita Jodhani 08/02/2022



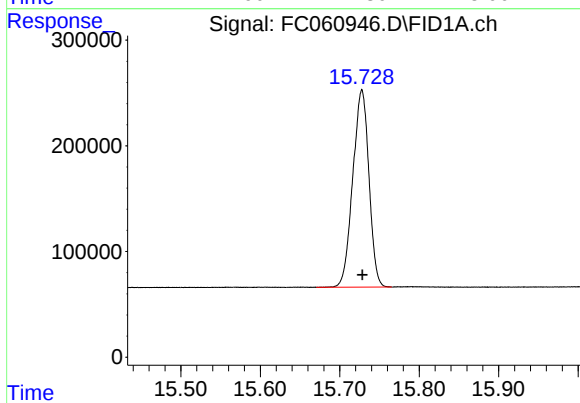
#14 n-Tetracosane (C24)

R.T.: 13.803 min  
Delta R.T.: -0.003 min  
Response: 2855162  
Conc: 18.70 ug/ml



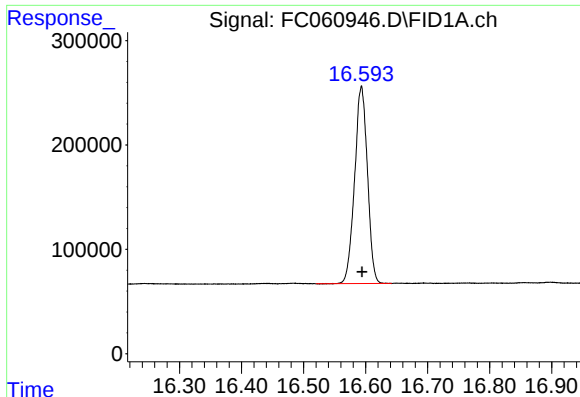
#15 n-Hexacosane (C26)

R.T.: 14.800 min  
Delta R.T.: -0.003 min  
Response: 2728289  
Conc: 18.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.728 min  
Delta R.T.: 0.000 min  
Response: 2632230  
Conc: 18.37 ug/ml



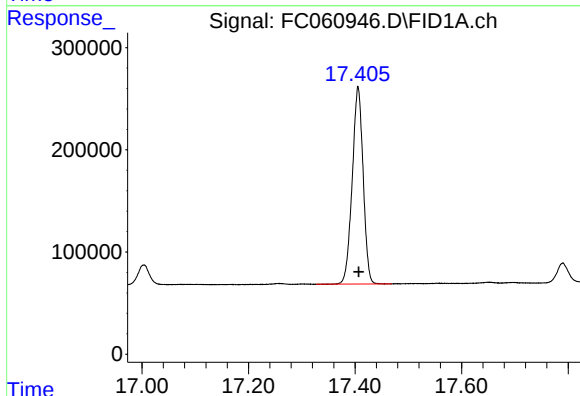
#17 n-Tricontane (C30)

R.T.: 16.593 min  
Delta R.T.: -0.001 min  
Response: 2709478  
Conc: 19.35 ug/ml

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

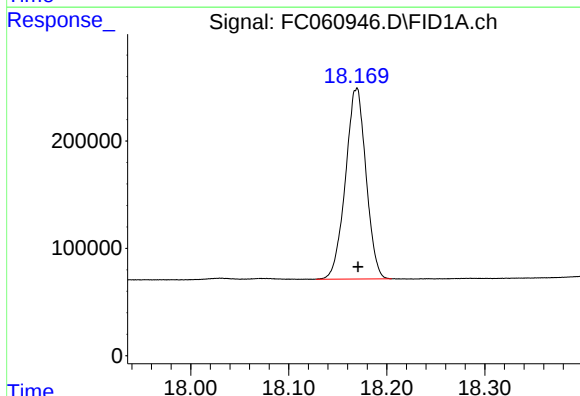
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/02/2022  
Supervised By :Ankita Jodhani 08/02/2022



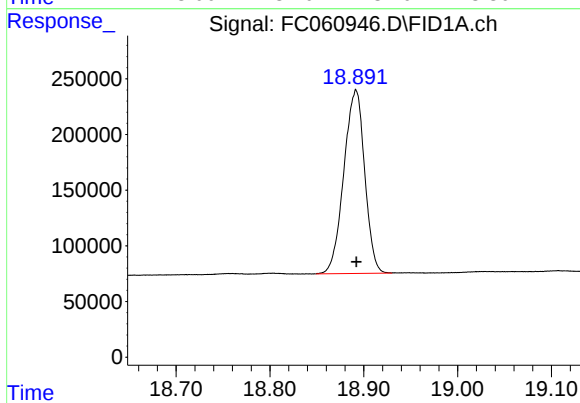
#18 n-Dotriacontane (C32)

R.T.: 17.406 min  
Delta R.T.: -0.001 min  
Response: 2742949  
Conc: 20.32 ug/ml



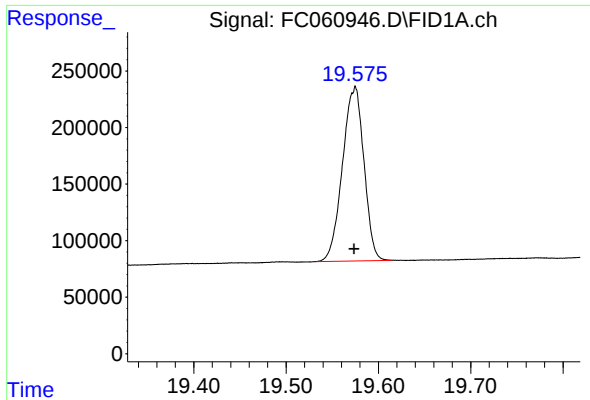
#19 n-Tetratriacontane (C34)

R.T.: 18.169 min  
Delta R.T.: -0.002 min  
Response: 2584390  
Conc: 20.61 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.891 min  
Delta R.T.: 0.000 min  
Response: 2542634  
Conc: 20.80 ug/ml m



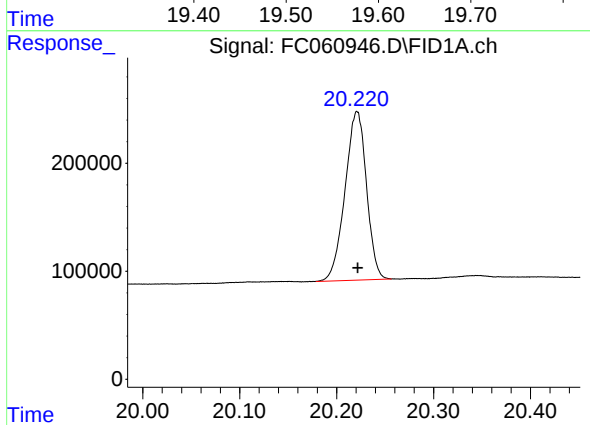
#21 n-Octatriacontane (C38)

R.T.: 19.575 min  
Delta R.T.: 0.000 min  
Response: 2487227  
Conc: 21.07 ug/ml

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

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/02/2022  
Supervised By :Ankita Jodhani 08/02/2022



#22 n-Tetracontane (C40)

R.T.: 20.220 min  
Delta R.T.: -0.002 min  
Response: 2403423  
Conc: 20.88 ug/ml m