

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F100523AL\  
 Data File : FC064748.D  
 Signal(s) : FID1A.ch  
 Acq On : 05 Oct 2023 15:51  
 Operator : YP/AJ  
 Sample : 04699-07  
 Misc : 2.5PPM WATER LOD  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023  
 Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e  
 Quant Time: Oct 05 23:54:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 15 01:25:53 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 12.953 | 3364498    | 23.099 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 46.20%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.329  | 245221     | 1.388 ug/mlm |
| 2) T n-Decane (C10)            | 4.388  | 298361     | 1.661 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.395  | 461085     | 2.538 ug/mlm |
| 6) T n-Tetradecane (C14)       | 8.183  | 405182     | 2.284 ug/mlm |
| 7) T n-Hexadecane (C16)        | 9.777  | 408285     | 2.271 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.209 | 437786     | 2.418 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.512 | 413184     | 2.426 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.120 | 393513     | 2.376 ug/ml  |
| 13) T n-Docosane (C22)         | 13.706 | 379789     | 2.331 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.803 | 373101     | 2.350 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.820 | 355779     | 2.331 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.764 | 345753     | 2.336 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.647 | 360985     | 2.430 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.474 | 366045     | 2.508 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.254 | 341469     | 2.402 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.990 | 313465     | 2.276 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.710 | 280657     | 2.048 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.596 | 251774     | 1.851 ug/ml  |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100523AL\  
Data File : FC064748.D  
Signal(s) : FID1A.ch  
Acq On : 05 Oct 2023 15:51  
Operator : YP/AJ  
Sample : 04699-07  
Misc : 2.5PPM WATER LOD  
ALS Vial : 15 Sample Multiplier: 1

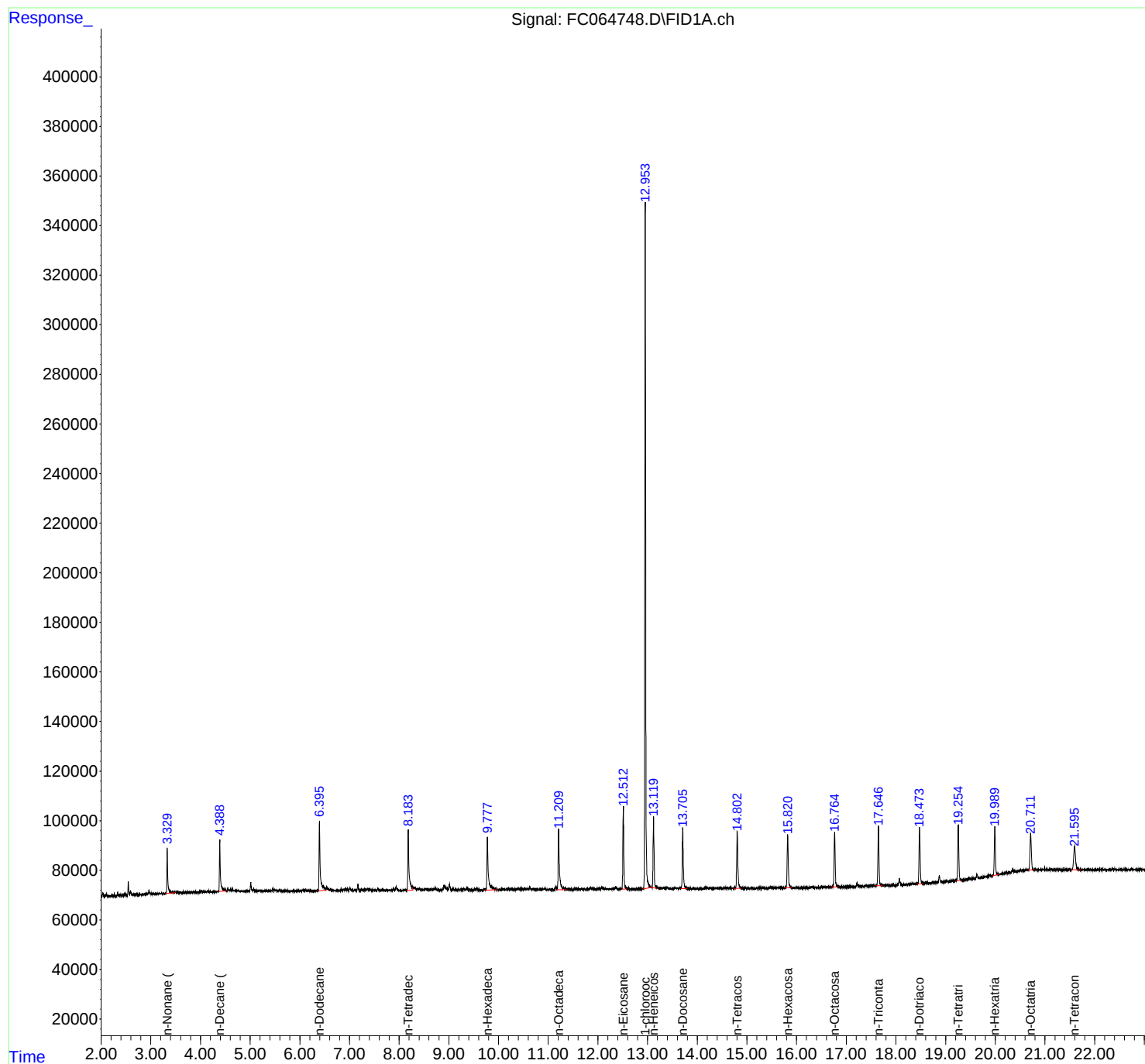
Instrument :  
FID\_C  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2023

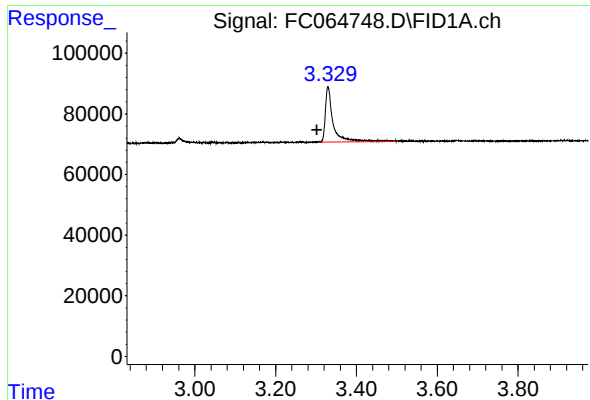
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/06/2023  
Supervised By :Ankita Jodhani 10/06/2023

Integration File: autoint1.e  
Quant Time: Oct 05 23:54:36 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091523.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 15 01:25:53 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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





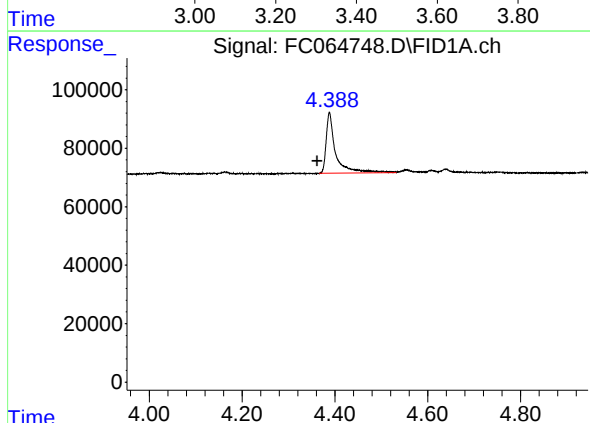
#1 n-Nonane (C9)

R.T.: 3.329 min  
Delta R.T.: 0.027 min  
Response: 245221  
Conc: 1.39 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2023

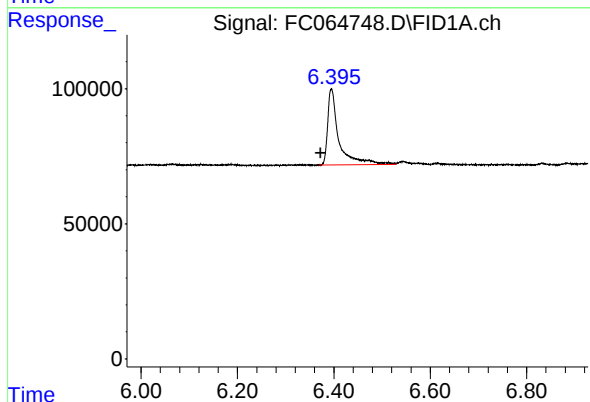
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/06/2023  
Supervised By :Ankita Jodhani 10/06/2023



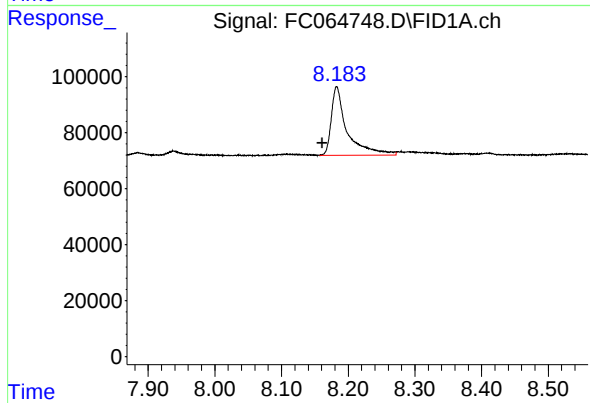
#2 n-Decane (C10)

R.T.: 4.388 min  
Delta R.T.: 0.026 min  
Response: 298361  
Conc: 1.66 ug/ml m



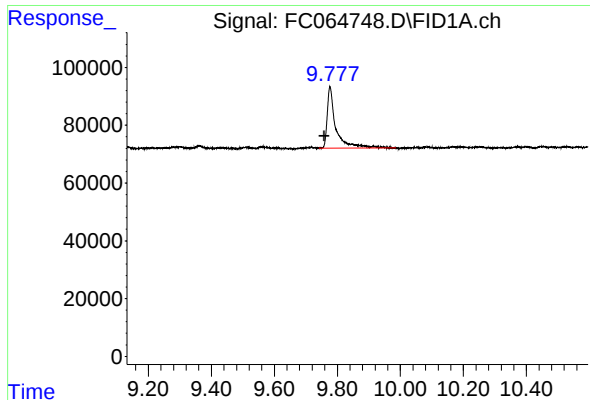
#4 n-Dodecane (C12)

R.T.: 6.395 min  
Delta R.T.: 0.022 min  
Response: 461085  
Conc: 2.54 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.183 min  
Delta R.T.: 0.022 min  
Response: 405182  
Conc: 2.28 ug/ml m



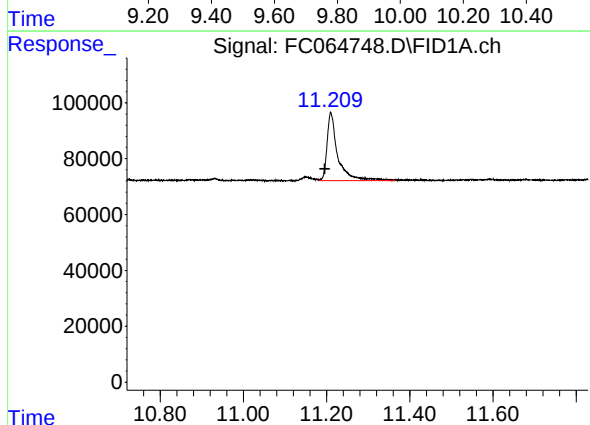
#7 n-Hexadecane (C16)

R.T.: 9.777 min  
Delta R.T.: 0.018 min  
Response: 408285  
Conc: 2.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
LOD-MDL-WATER-01-QT4-2023

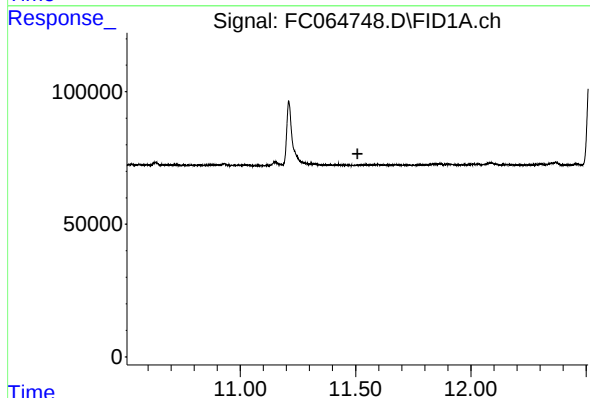
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/06/2023  
Supervised By :Ankita Jodhani 10/06/2023



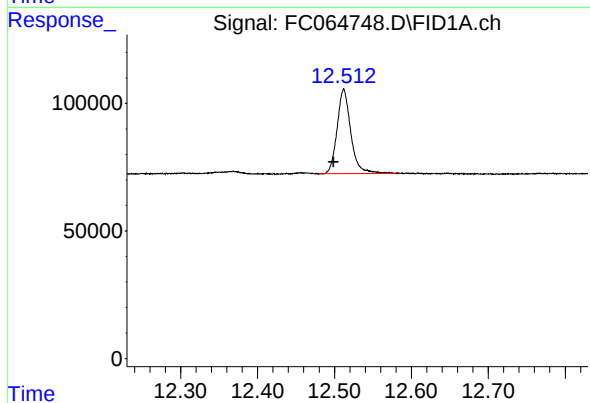
#8 n-Octadecane (C18)

R.T.: 11.209 min  
Delta R.T.: 0.014 min  
Response: 437786  
Conc: 2.42 ug/ml m



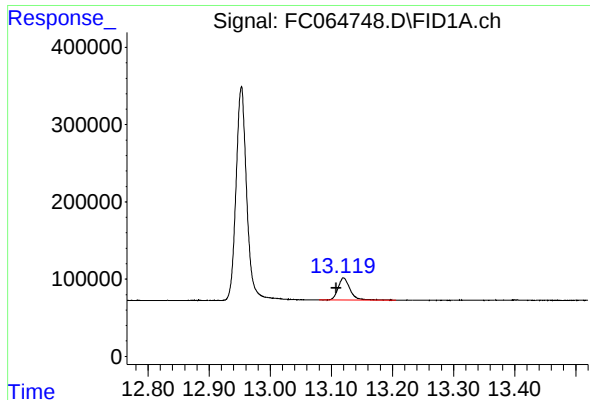
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.508 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.512 min  
Delta R.T.: 0.013 min  
Response: 413184  
Conc: 2.43 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.120 min  
Delta R.T.: 0.012 min  
Response: 393513  
Conc: 2.38 ug/ml

Instrument :

FID\_C

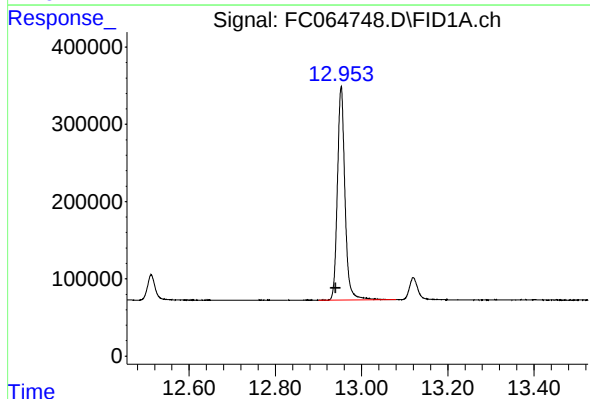
ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Manual Integrations

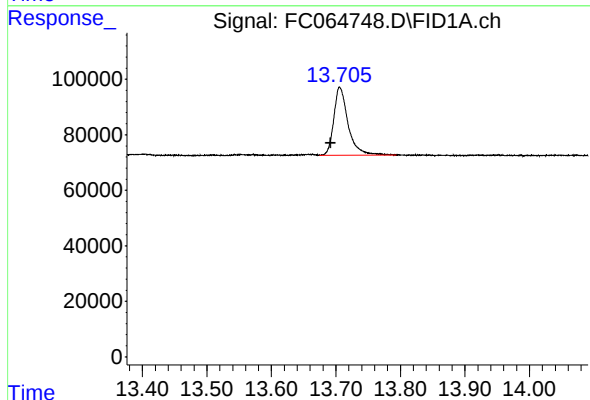
APPROVED

Reviewed By :Yogesh Patel 10/06/2023  
Supervised By :Ankita Jodhani 10/06/2023



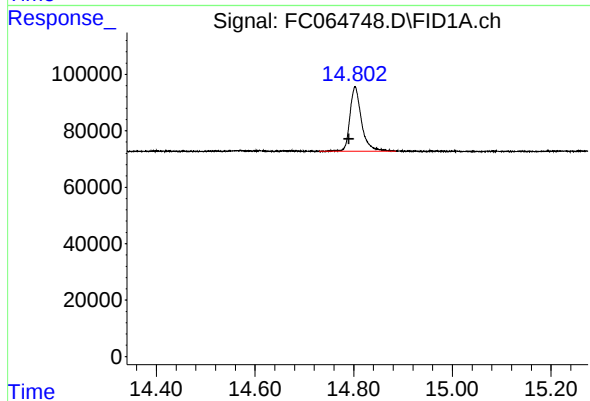
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min  
Delta R.T.: 0.012 min  
Response: 3364498  
Conc: 23.10 ug/ml



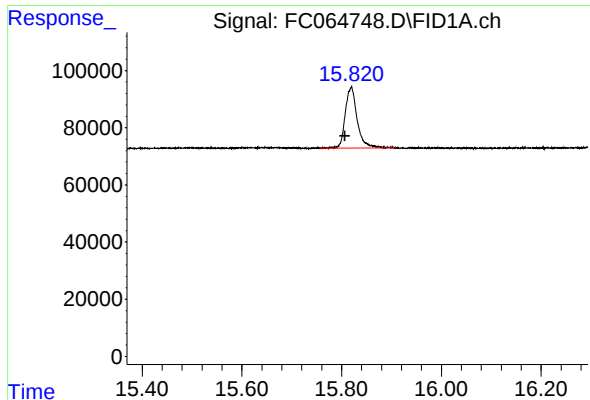
#13 n-Docosane (C22)

R.T.: 13.706 min  
Delta R.T.: 0.014 min  
Response: 379789  
Conc: 2.33 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.803 min  
Delta R.T.: 0.013 min  
Response: 373101  
Conc: 2.35 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.820 min  
Delta R.T.: 0.013 min  
Response: 355779  
Conc: 2.33 ug/ml

Instrument :

FID\_C

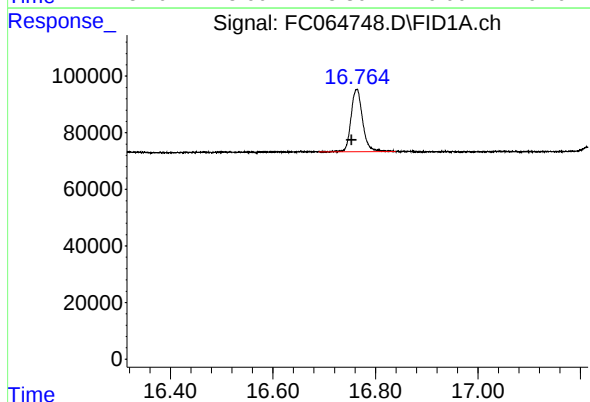
ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Manual Integrations

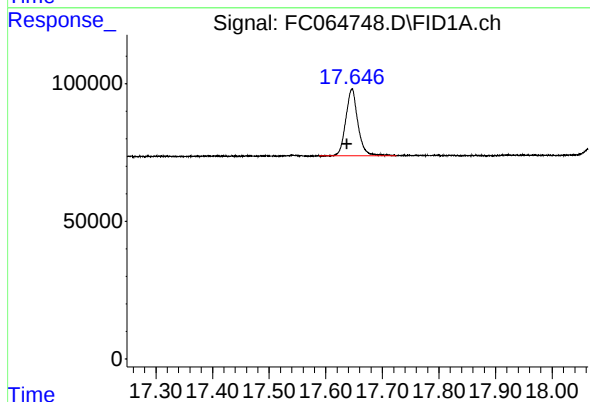
APPROVED

Reviewed By :Yogesh Patel 10/06/2023  
Supervised By :Ankita Jodhani 10/06/2023



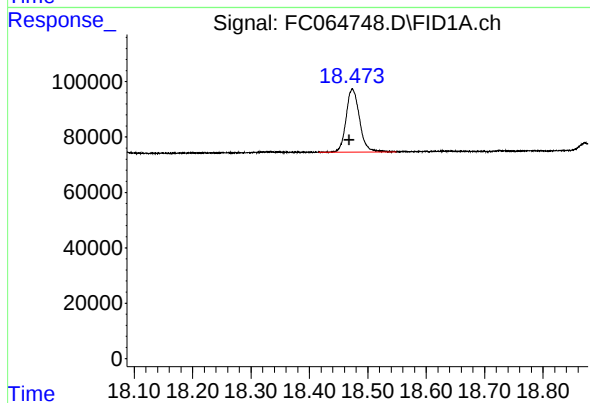
#16 n-Octacosane (C28)

R.T.: 16.764 min  
Delta R.T.: 0.010 min  
Response: 345753  
Conc: 2.34 ug/ml



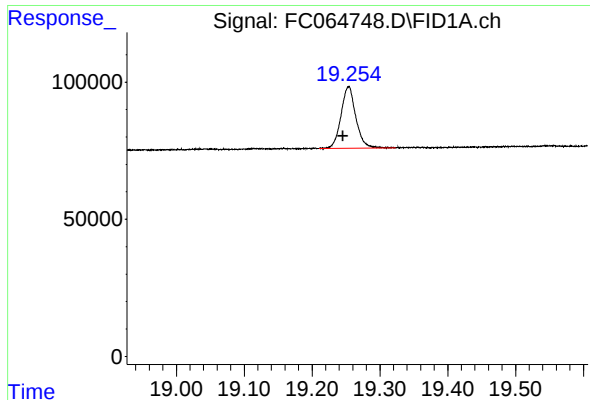
#17 n-Tricontane (C30)

R.T.: 17.647 min  
Delta R.T.: 0.009 min  
Response: 360985  
Conc: 2.43 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.474 min  
Delta R.T.: 0.006 min  
Response: 366045  
Conc: 2.51 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.254 min  
Delta R.T.: 0.008 min  
Response: 341469  
Conc: 2.40 ug/ml

Instrument :

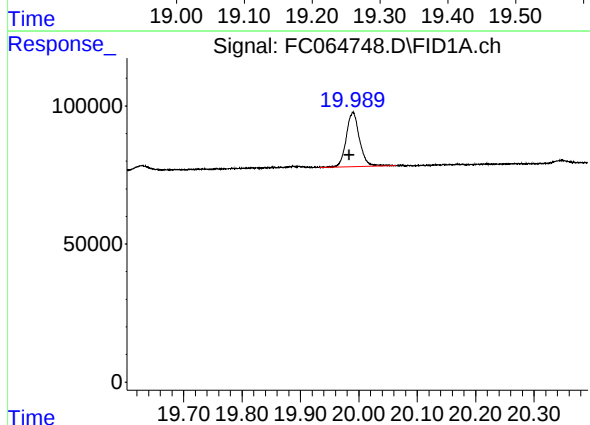
FID\_C

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

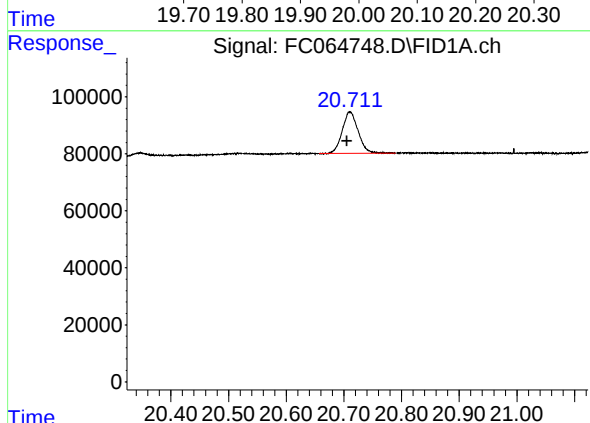
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/06/2023  
Supervised By :Ankita Jodhani 10/06/2023



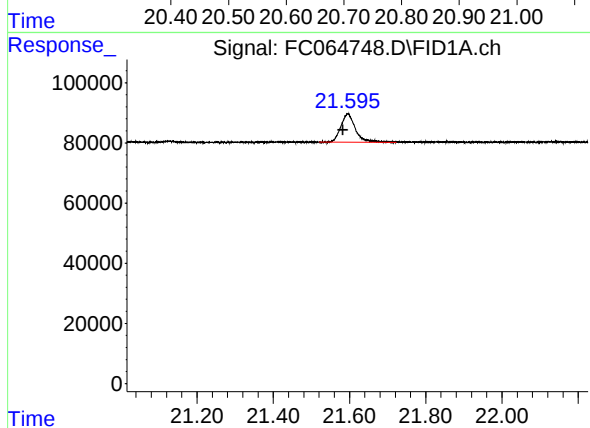
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min  
Delta R.T.: 0.006 min  
Response: 313465  
Conc: 2.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min  
Delta R.T.: 0.005 min  
Response: 280657  
Conc: 2.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.596 min  
Delta R.T.: 0.012 min  
Response: 251774  
Conc: 1.85 ug/ml