

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022024AL\  
 Data File : FC065792.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Feb 2024 14:10  
 Operator : YP/AJ  
 Sample : PB159132BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB159132BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/21/2024  
 Supervised By :Ankita Jodhani 02/21/2024

Integration File: autoint1.e  
 Quant Time: Feb 21 00:38:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 13:26:08 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    |        |            |               |
| 12) S 1-chlorooctadecane (S... | 12.931 | 3967350    | 31.525 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 63.05%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.289  | 1322106    | 8.800 ug/ml   |
| 2) T n-Decane (C10)            | 4.352  | 1795150    | 11.807 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.365  | 2606372    | 17.029 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.155  | 3296225    | 22.202 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.750  | 3939804    | 26.271 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.184 | 4502801    | 29.191 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.489 | 4989064    | 33.177 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.098 | 4983848    | 33.324 ug/ml  |
| 13) T n-Docosane (C22)         | 13.681 | 4999056    | 33.703 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.778 | 5040345    | 33.900 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.794 | 5022598    | 33.893 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.739 | 5072049    | 34.567 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.622 | 5123472    | 34.130 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.450 | 5084368    | 34.380 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.230 | 4934920    | 34.048 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.968 | 4646206    | 32.733 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.685 | 4589597    | 32.424 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.557 | 4363804    | 31.285 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC022024AL\  
Data File : FC065792.D  
Signal(s) : FID1A.ch  
Acq On : 20 Feb 2024 14:10  
Operator : YP/AJ  
Sample : PB159132BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

FID\_C

## Client Sample Id :

PB159132BS

## Manual Integrations

## APPROVED

Reviewed By : Yogesh Patel 02/21/2024

Supervised By : Ankita Jodhani 02/21/2024

Integration File: autoint1.e

Quant Time: Feb 21 00:38:33 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020824.M

Quant Title : GC Extractables

QLast Update : Thu Feb 08 13:26:08 2024

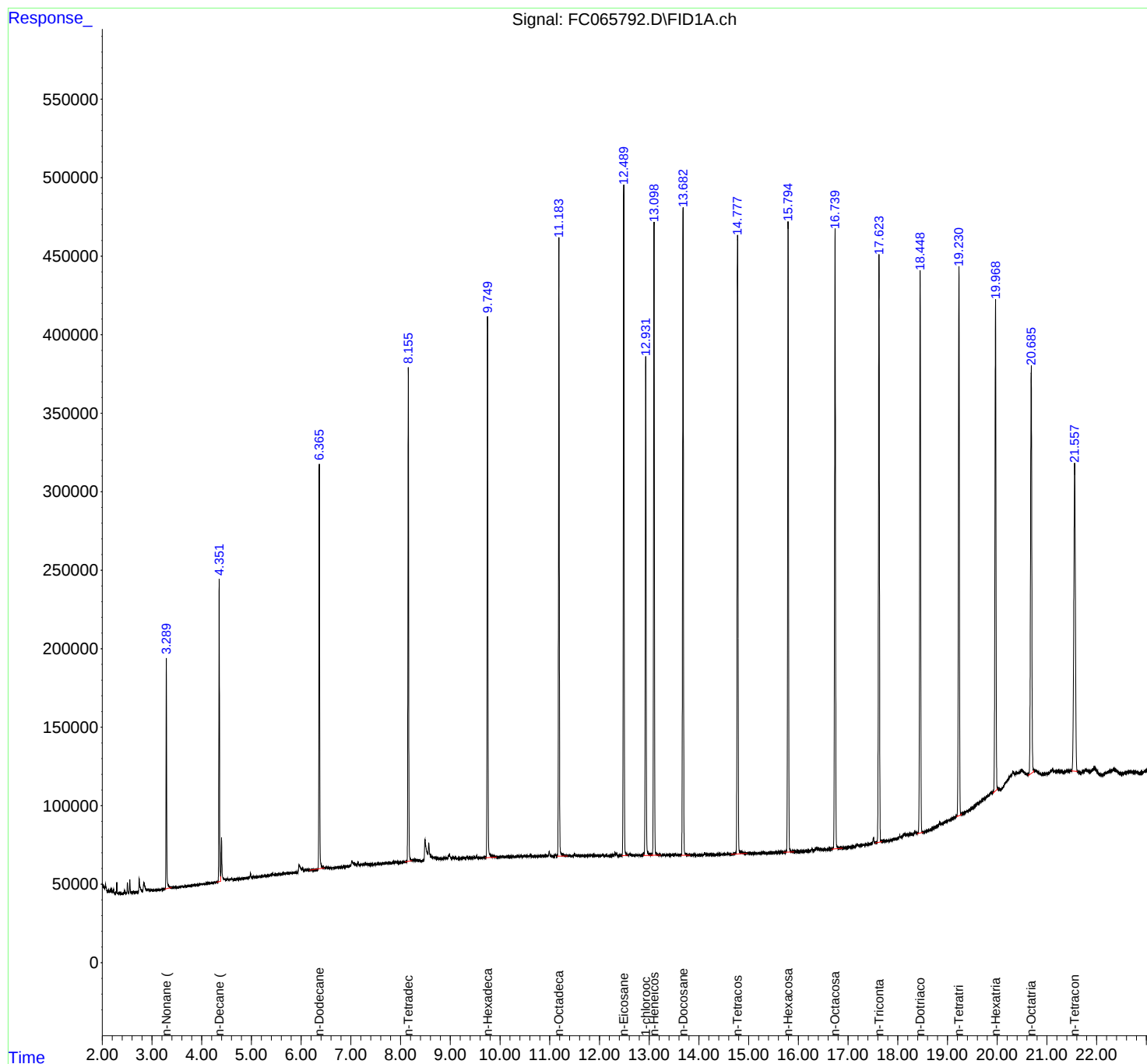
Response via : Initial Calibration

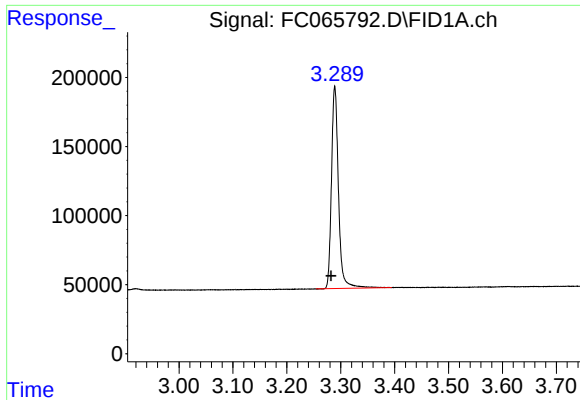
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





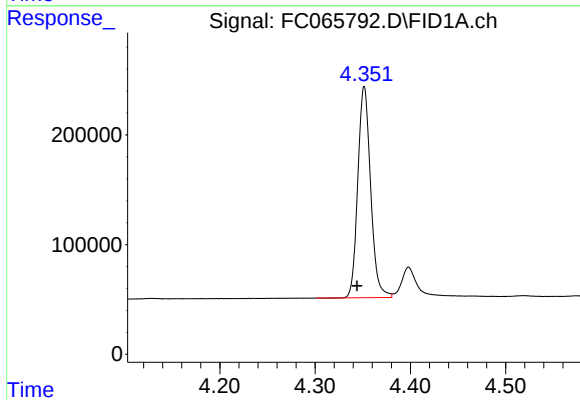
#1 n-Nonane (C9)

R.T.: 3.289 min  
Delta R.T.: 0.007 min  
Response: 1322106  
Conc: 8.80 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB159132BS

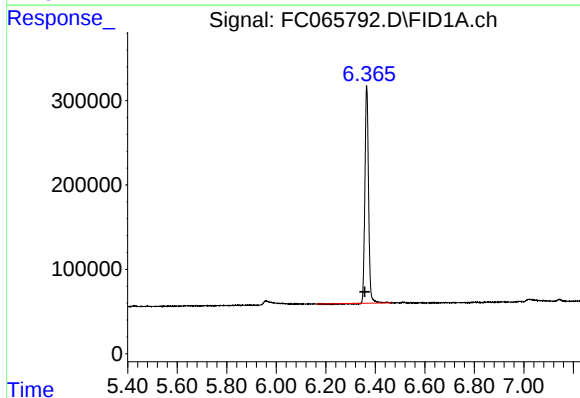
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/21/2024  
Supervised By :Ankita Jodhani 02/21/2024



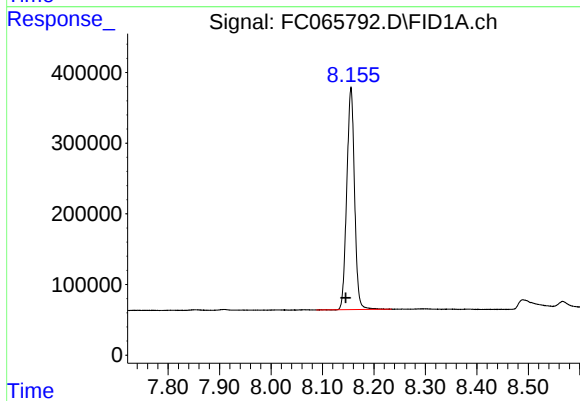
#2 n-Decane (C10)

R.T.: 4.352 min  
Delta R.T.: 0.008 min  
Response: 1795150  
Conc: 11.81 ug/ml



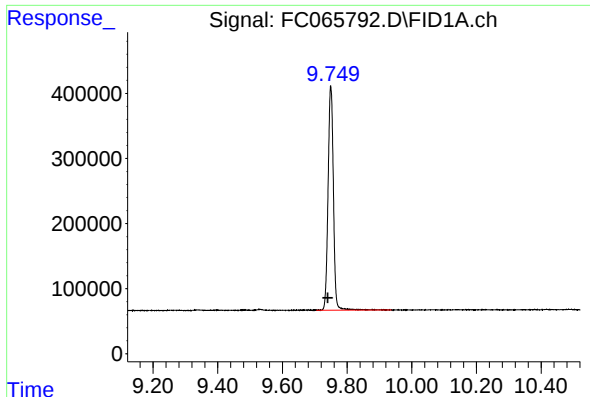
#4 n-Dodecane (C12)

R.T.: 6.365 min  
Delta R.T.: 0.008 min  
Response: 2606372  
Conc: 17.03 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.155 min  
Delta R.T.: 0.010 min  
Response: 3296225  
Conc: 22.20 ug/ml



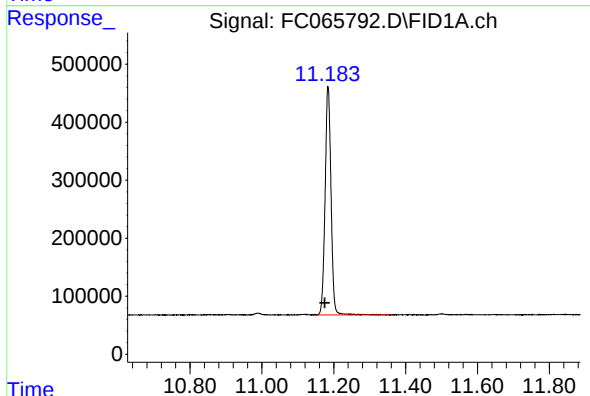
#7 n-Hexadecane (C16)

R.T.: 9.750 min  
Delta R.T.: 0.009 min  
Response: 3939804  
Conc: 26.27 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB159132BS

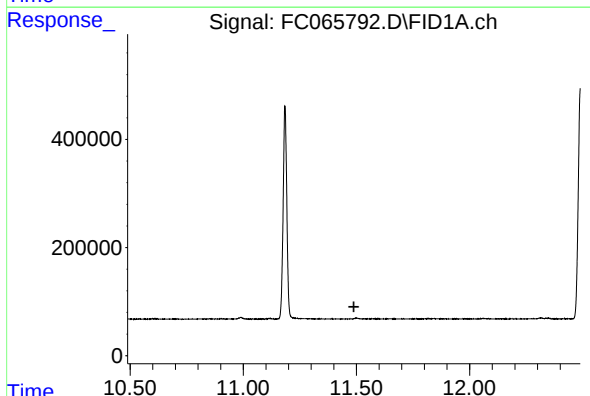
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/21/2024  
Supervised By :Ankita Jodhani 02/21/2024



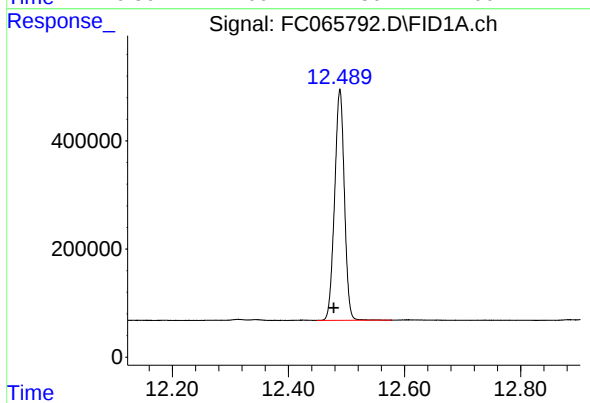
#8 n-Octadecane (C18)

R.T.: 11.184 min  
Delta R.T.: 0.010 min  
Response: 4502801  
Conc: 29.19 ug/ml



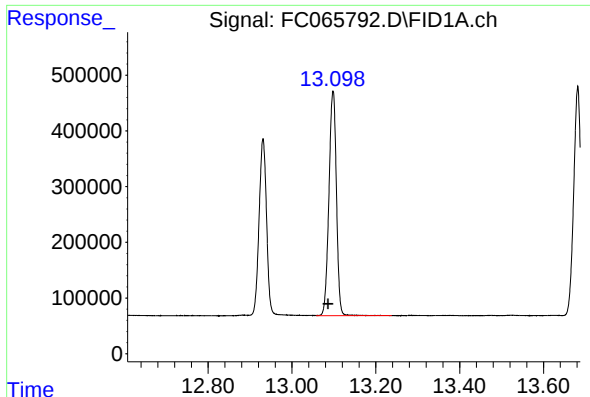
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.489 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.489 min  
Delta R.T.: 0.010 min  
Response: 4989064  
Conc: 33.18 ug/ml



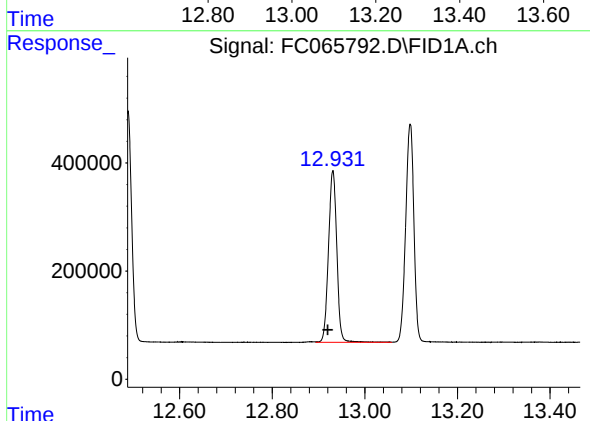
#11 n-Heneicosane (C21)

R.T.: 13.098 min  
Delta R.T.: 0.011 min  
Response: 4983848  
Conc: 33.32 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB159132BS

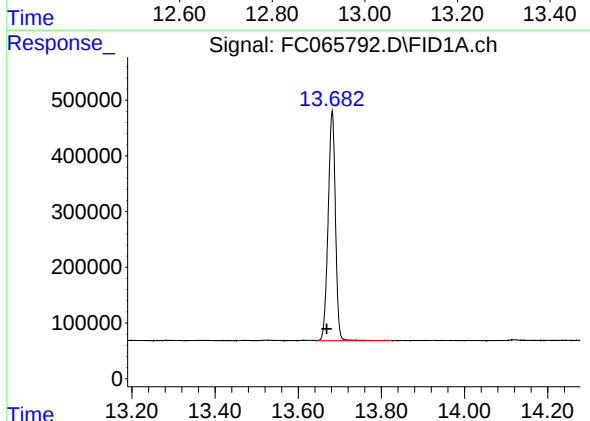
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/21/2024  
Supervised By :Ankita Jodhani 02/21/2024



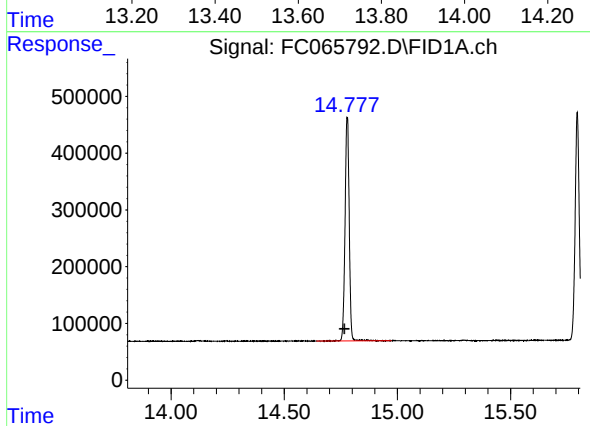
#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min  
Delta R.T.: 0.011 min  
Response: 3967350  
Conc: 31.52 ug/ml



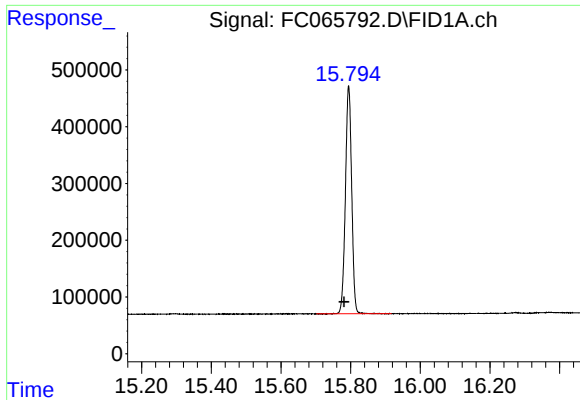
#13 n-Docosane (C22)

R.T.: 13.681 min  
Delta R.T.: 0.012 min  
Response: 4999056  
Conc: 33.70 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.778 min  
Delta R.T.: 0.012 min  
Response: 5040345  
Conc: 33.90 ug/ml



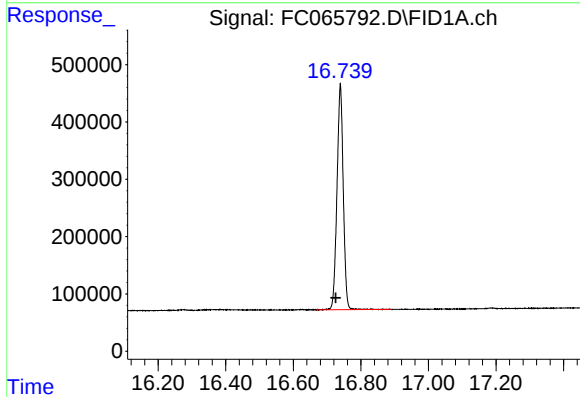
#15 n-Hexacosane (C26)

R.T.: 15.794 min  
Delta R.T.: 0.013 min  
Response: 5022598  
Conc: 33.89 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB159132BS

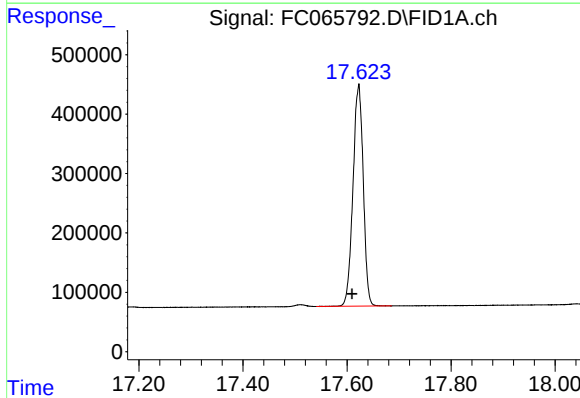
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/21/2024  
Supervised By :Ankita Jodhani 02/21/2024



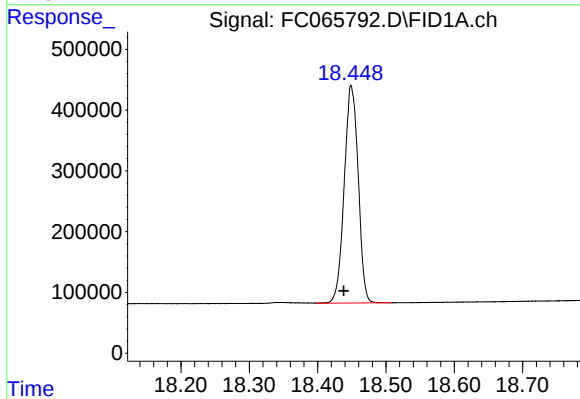
#16 n-Octacosane (C28)

R.T.: 16.739 min  
Delta R.T.: 0.013 min  
Response: 5072049  
Conc: 34.57 ug/ml



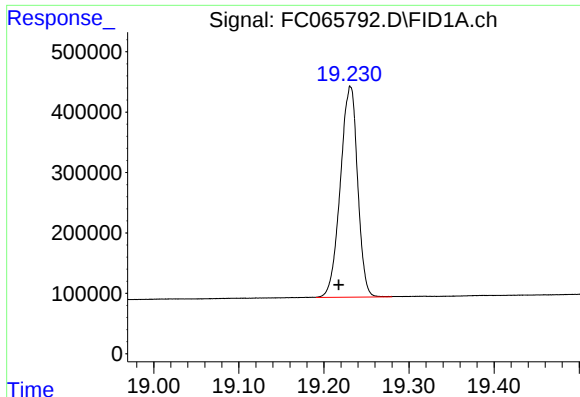
#17 n-Tricontane (C30)

R.T.: 17.622 min  
Delta R.T.: 0.012 min  
Response: 5123472  
Conc: 34.13 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.450 min  
Delta R.T.: 0.012 min  
Response: 5084368  
Conc: 34.38 ug/ml



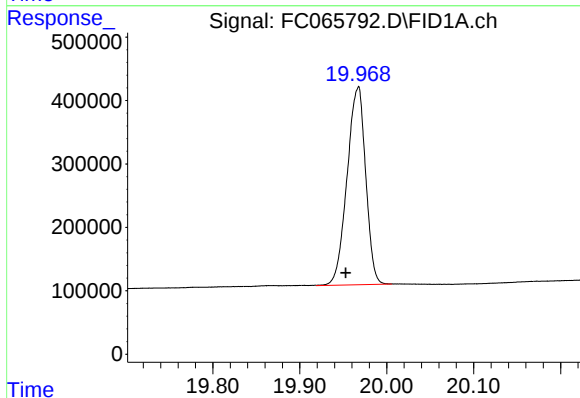
#19 n-Tetratriacontane (C34)

R.T.: 19.230 min  
Delta R.T.: 0.013 min  
Response: 4934920  
Conc: 34.05 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB159132BS

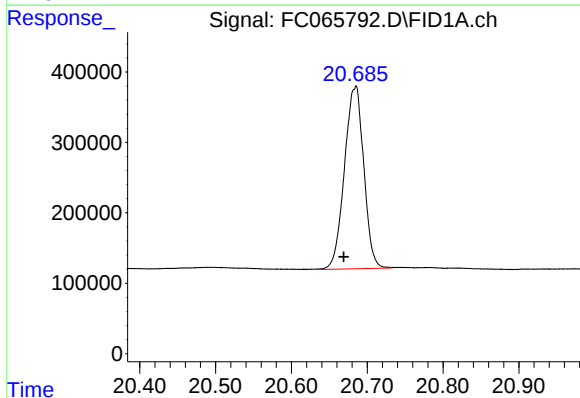
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/21/2024  
Supervised By :Ankita Jodhani 02/21/2024



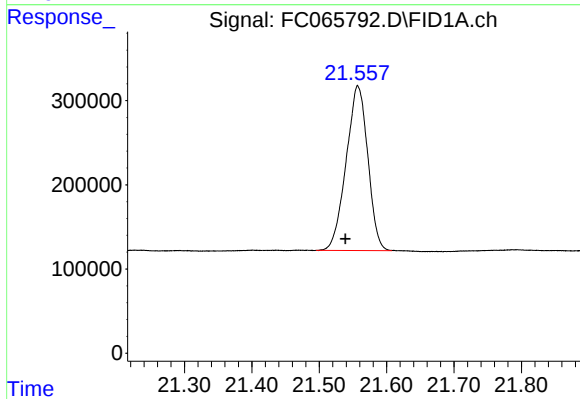
#20 n-Hexatriacontane (C36)

R.T.: 19.968 min  
Delta R.T.: 0.015 min  
Response: 4646206  
Conc: 32.73 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.685 min  
Delta R.T.: 0.016 min  
Response: 4589597  
Conc: 32.42 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.557 min  
Delta R.T.: 0.018 min  
Response: 4363804  
Conc: 31.28 ug/ml m