

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062425AL\  
 Data File : FC069263.D  
 Signal(s) : FID1A.ch  
 Acq On : 24 Jun 2025 10:47  
 Operator : YP/AJ  
 Sample : PB168591BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB168591BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/25/2025  
 Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e  
 Quant Time: Jun 25 00:39:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 14:24:27 2025  
 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... | 13.116 | 5685778    | 43.522 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 87.04%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.410  | 3509562    | 24.677 ug/ml  |
| 2) T n-Decane (C10)            | 4.483  | 4722168    | 32.256 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.508  | 5888078    | 38.884 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.308  | 6594240    | 42.542 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.913  | 6871839    | 42.051 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.358 | 6898414    | 42.251 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.670 | 7248389    | 47.487 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.285 | 6886701    | 46.723 ug/ml  |
| 13) T n-Docosane (C22)         | 13.872 | 6760168    | 46.984 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.976 | 6485904    | 47.023 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.999 | 6167860    | 47.183 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.951 | 5851517    | 47.447 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.839 | 5626087    | 47.324 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.674 | 5354091    | 48.969 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.459 | 5065981    | 52.461 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.200 | 4742352    | 57.544 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.969 | 4607405    | 61.654 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.939 | 4508517    | 63.665 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062425AL\  
Data File : FC069263.D  
Signal(s) : FID1A.ch  
Acq On : 24 Jun 2025 10:47  
Operator : YP/AJ  
Sample : PB168591BSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

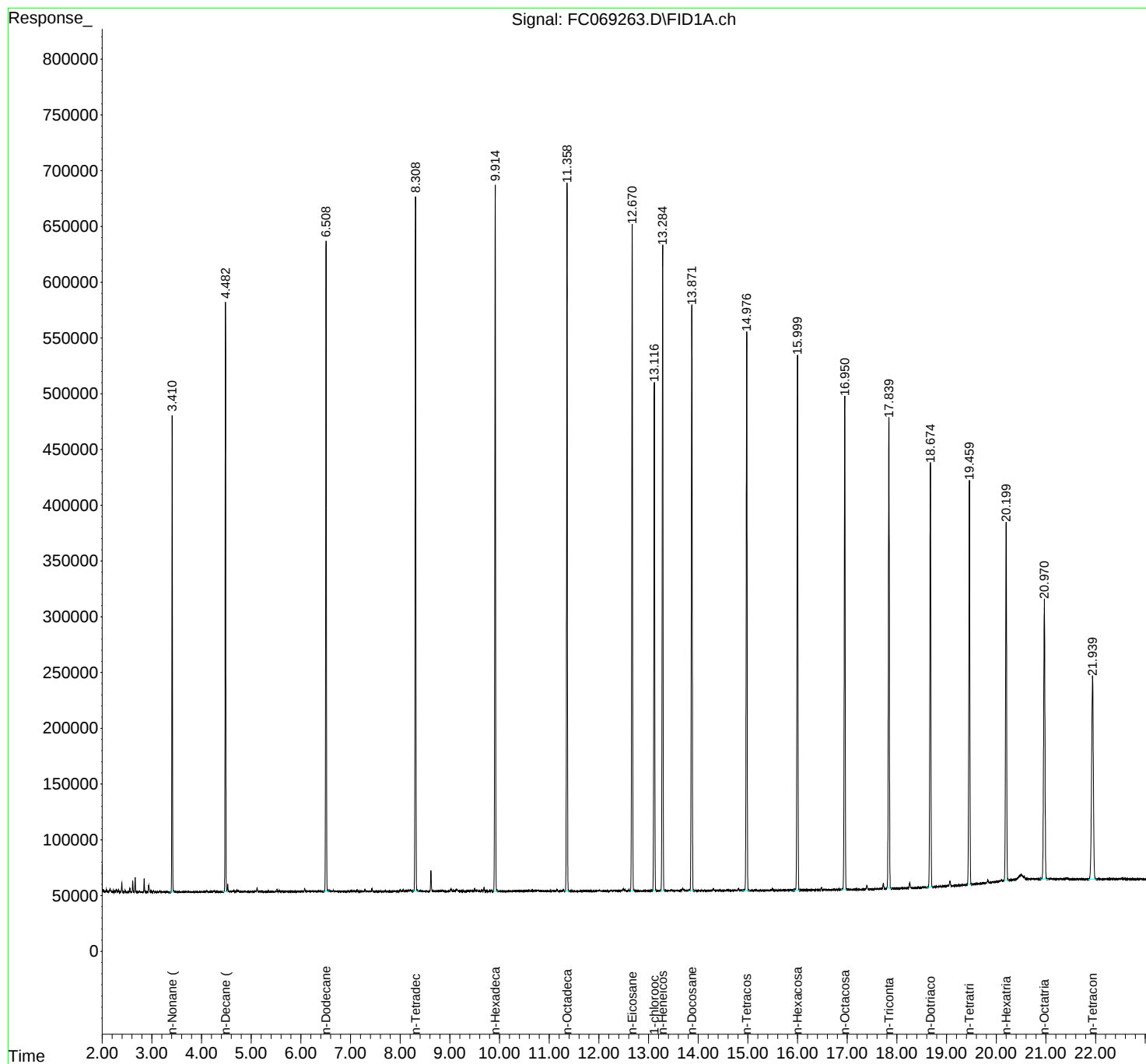
Instrument :  
FID\_C  
ClientSampleId :  
PB168591BSD

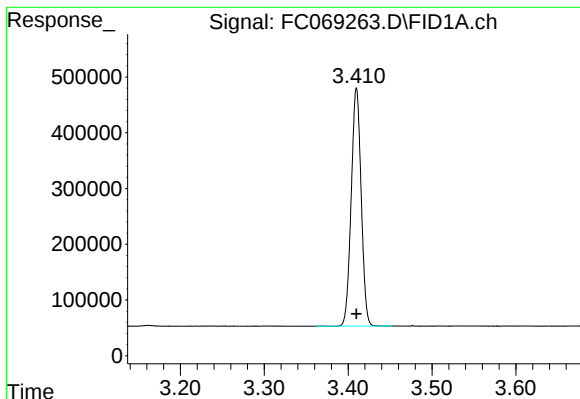
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/25/2025  
Supervised By :mohammad ahmed 06/26/2025

Integration File: autoint1.e  
Quant Time: Jun 25 00:39:04 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 14:24:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





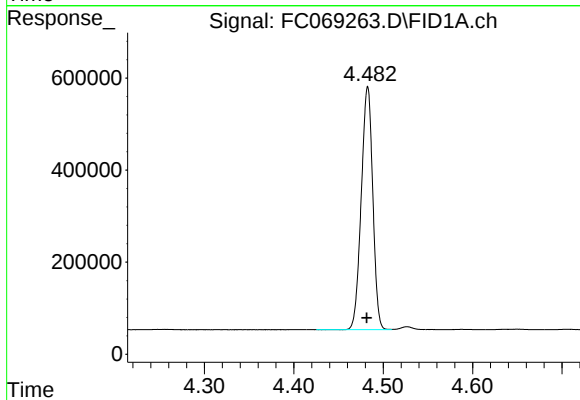
#1 n-Nonane (C9)

R.T.: 3.410 min  
Delta R.T.: 0.000 min  
Response: 3509562  
Conc: 24.68 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB168591BSD

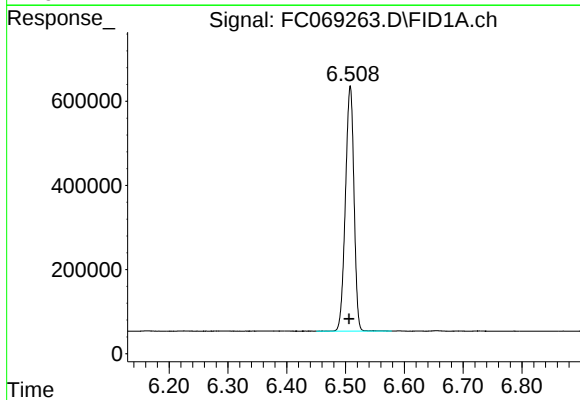
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/25/2025  
Supervised By :mohammad ahmed 06/26/2025



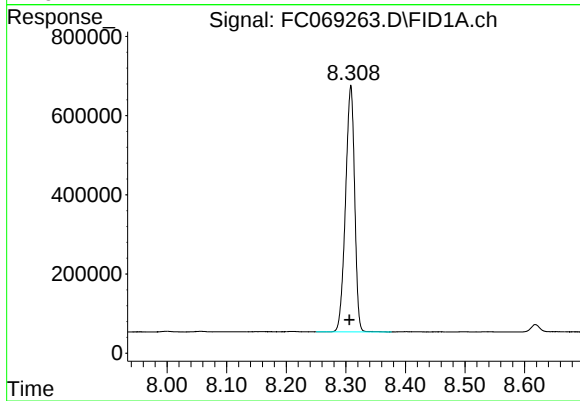
#2 n-Decane (C10)

R.T.: 4.483 min  
Delta R.T.: 0.001 min  
Response: 4722168  
Conc: 32.26 ug/ml



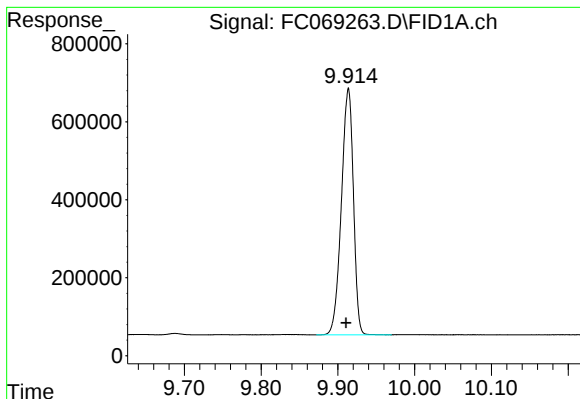
#4 n-Dodecane (C12)

R.T.: 6.508 min  
Delta R.T.: 0.002 min  
Response: 5888078  
Conc: 38.88 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.308 min  
Delta R.T.: 0.002 min  
Response: 6594240  
Conc: 42.54 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.913 min  
Delta R.T.: 0.003 min  
Response: 6871839  
Conc: 42.05 ug/ml

Instrument :

FID\_C

ClientSampleId :

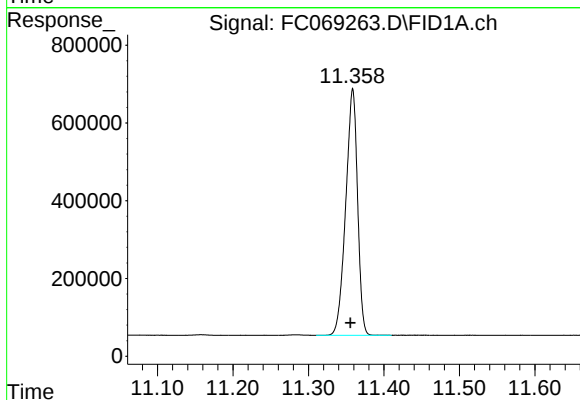
PB168591BSD

Manual Integrations

APPROVED

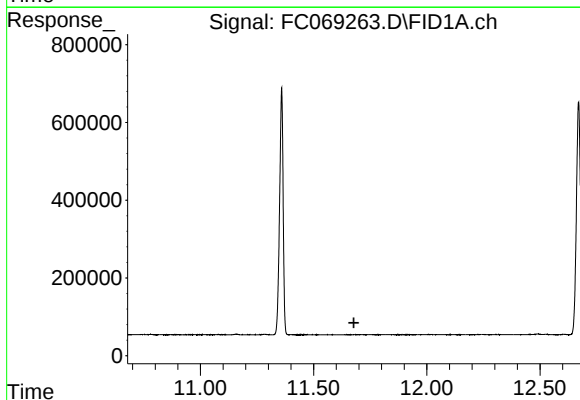
Reviewed By :Yogesh Patel 06/25/2025

Supervised By :mohammad ahmed 06/26/2025



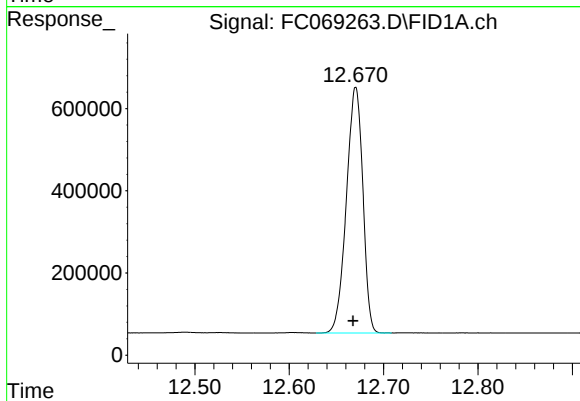
#8 n-Octadecane (C18)

R.T.: 11.358 min  
Delta R.T.: 0.003 min  
Response: 6898414  
Conc: 42.25 ug/ml



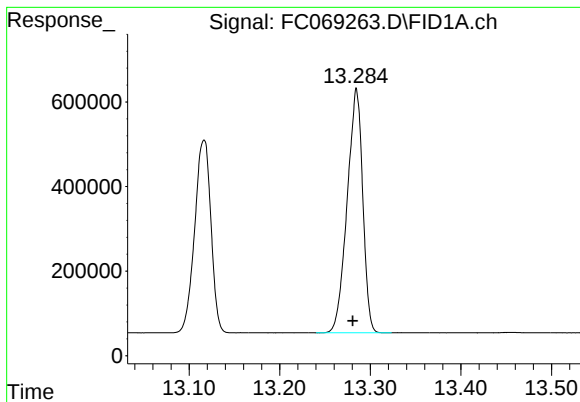
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min  
Exp R.T. : 11.678 min  
Response: 0  
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.670 min  
Delta R.T.: 0.003 min  
Response: 7248389  
Conc: 47.49 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.285 min  
Delta R.T.: 0.004 min  
Response: 6886701  
Conc: 46.72 ug/ml

Instrument :

FID\_C

ClientSampleId :

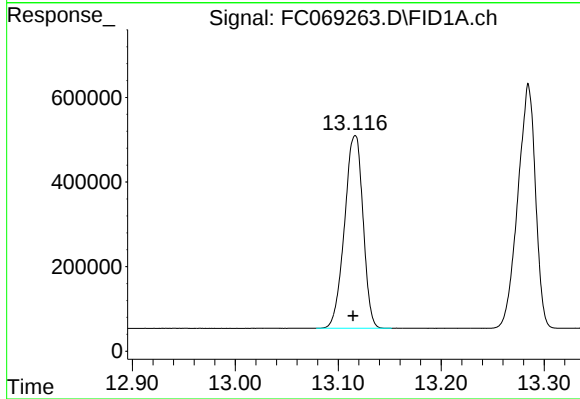
PB168591BSD

Manual Integrations

APPROVED

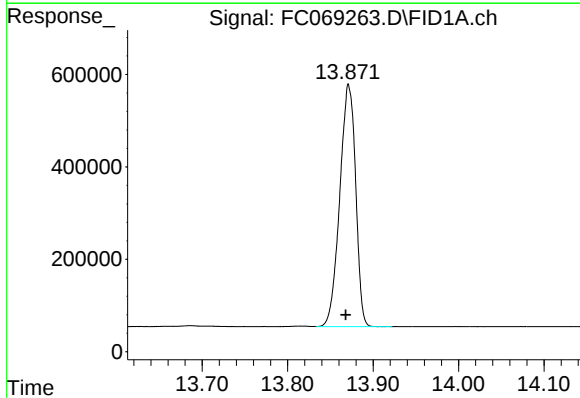
Reviewed By :Yogesh Patel 06/25/2025

Supervised By :mohammad ahmed 06/26/2025



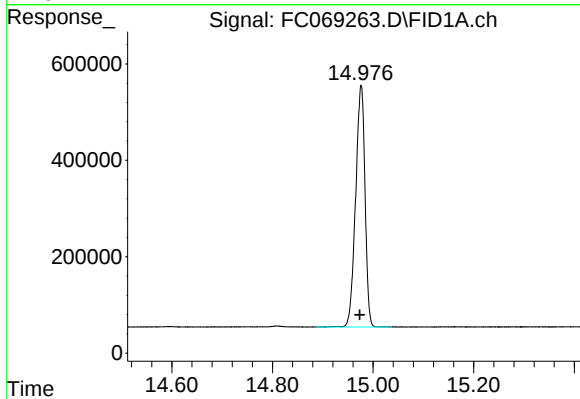
#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min  
Delta R.T.: 0.002 min  
Response: 5685778  
Conc: 43.52 ug/ml



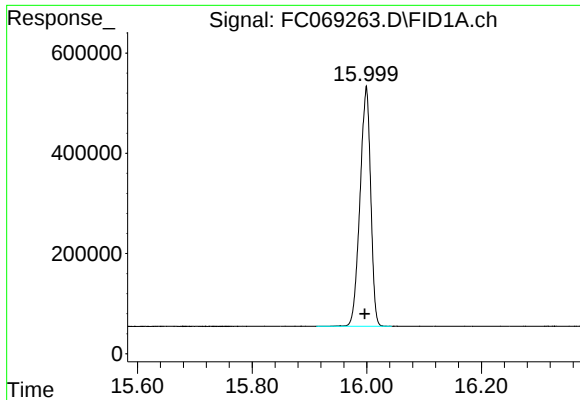
#13 n-Docosane (C22)

R.T.: 13.872 min  
Delta R.T.: 0.003 min  
Response: 6760168  
Conc: 46.98 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.976 min  
Delta R.T.: 0.002 min  
Response: 6485904  
Conc: 47.02 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.999 min  
Delta R.T.: 0.002 min  
Response: 6167860  
Conc: 47.18 ug/ml

Instrument :

FID\_C

ClientSampleId :

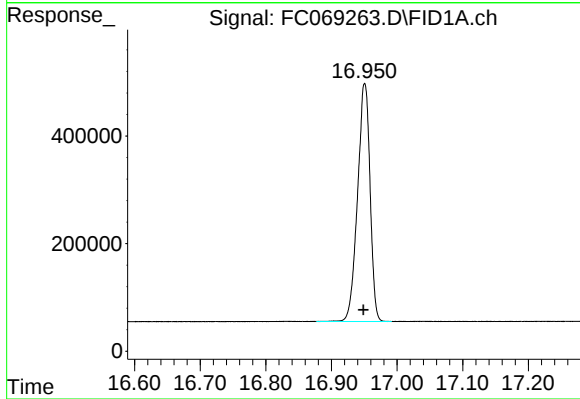
PB168591BSD

Manual Integrations

APPROVED

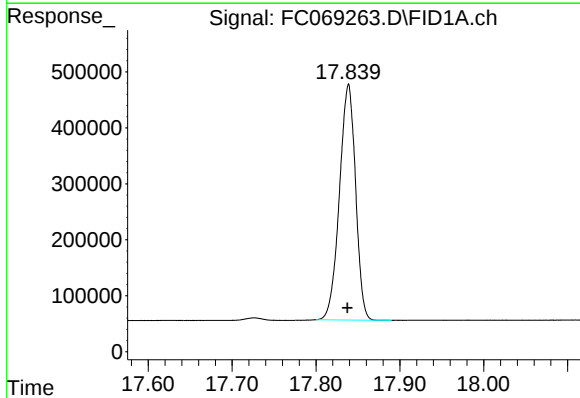
Reviewed By :Yogesh Patel 06/25/2025

Supervised By :mohammad ahmed 06/26/2025



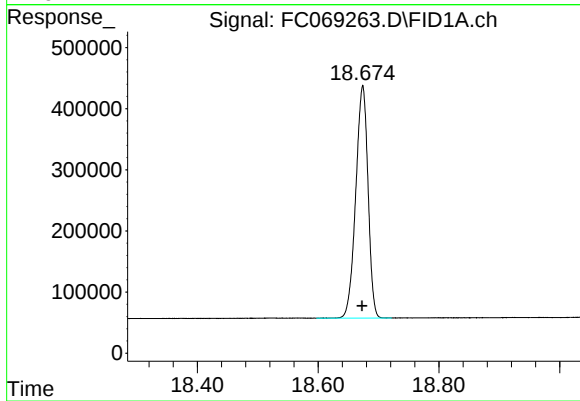
#16 n-Octacosane (C28)

R.T.: 16.951 min  
Delta R.T.: 0.002 min  
Response: 5851517  
Conc: 47.45 ug/ml



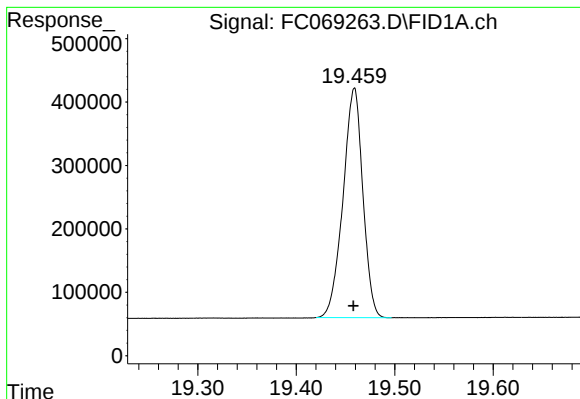
#17 n-Tricontane (C30)

R.T.: 17.839 min  
Delta R.T.: 0.000 min  
Response: 5626087  
Conc: 47.32 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.674 min  
Delta R.T.: 0.000 min  
Response: 5354091  
Conc: 48.97 ug/ml



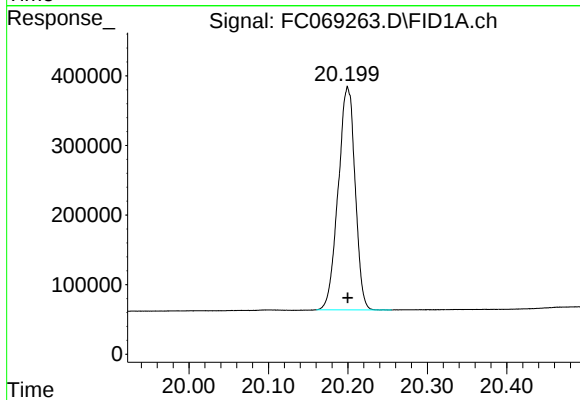
#19 n-Tetratriacontane (C34)

R.T.: 19.459 min  
Delta R.T.: 0.000 min  
Response: 5065981  
Conc: 52.46 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB168591BSD

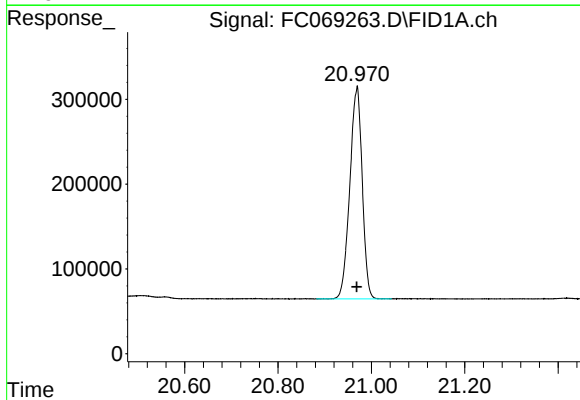
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/25/2025  
Supervised By :mohammad ahmed 06/26/2025



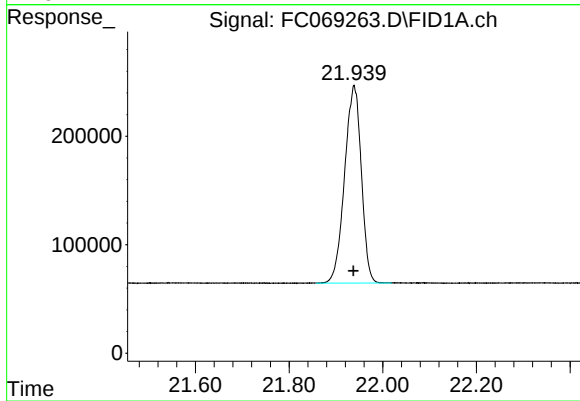
#20 n-Hexatriacontane (C36)

R.T.: 20.200 min  
Delta R.T.: 0.000 min  
Response: 4742352  
Conc: 57.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.969 min  
Delta R.T.: 0.000 min  
Response: 4607405  
Conc: 61.65 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.939 min  
Delta R.T.: 0.001 min  
Response: 4508517  
Conc: 63.67 ug/ml m