

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100825AL\  
 Data File : FC069949.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Oct 2025 15:32  
 Operator : YP/AJ  
 Sample : PB170007BSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB170007BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/08/2025  
 Supervised By :mohammad ahmed 10/09/2025

Integration File: sample.E  
 Quant Time: Oct 08 06:05:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 100725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 07 09:35:40 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    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.647 | 5387434    | 30.680 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 61.36%        |
| 12) S 1-chlorooctadecane (S... | 13.082 | 4328413    | 31.887 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 63.77%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.394  | 5072619    | 36.941 ug/ml  |
| 2) T n-Decane (C10)            | 4.461  | 5620120    | 39.093 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.051  | 6794310    | 42.040 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.480  | 6229412    | 40.642 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.109  | 6473337    | 40.572 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.279  | 6470042    | 40.681 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.881  | 6749782    | 40.053 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.325 | 6704012    | 39.405 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.637 | 6719553    | 41.884 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.249 | 6400472    | 41.221 ug/ml  |
| 13) T n-Docosane (C22)         | 13.835 | 6231063    | 40.489 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.935 | 11571639   | 76.315 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.964 | 5609422    | 38.755 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.913 | 5323551    | 38.492 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.802 | 5242489    | 38.397 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.634 | 5102324    | 39.573 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.419 | 5078591    | 44.510 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.158 | 4592923    | 47.491 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.918 | 4462520    | 51.200 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.870 | 4224678    | 51.418 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100825AL\  
Data File : FC069949.D  
Signal(s) : FID1A.ch  
Acq On : 07 Oct 2025 15:32  
Operator : YP/AJ  
Sample : PB170007BSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

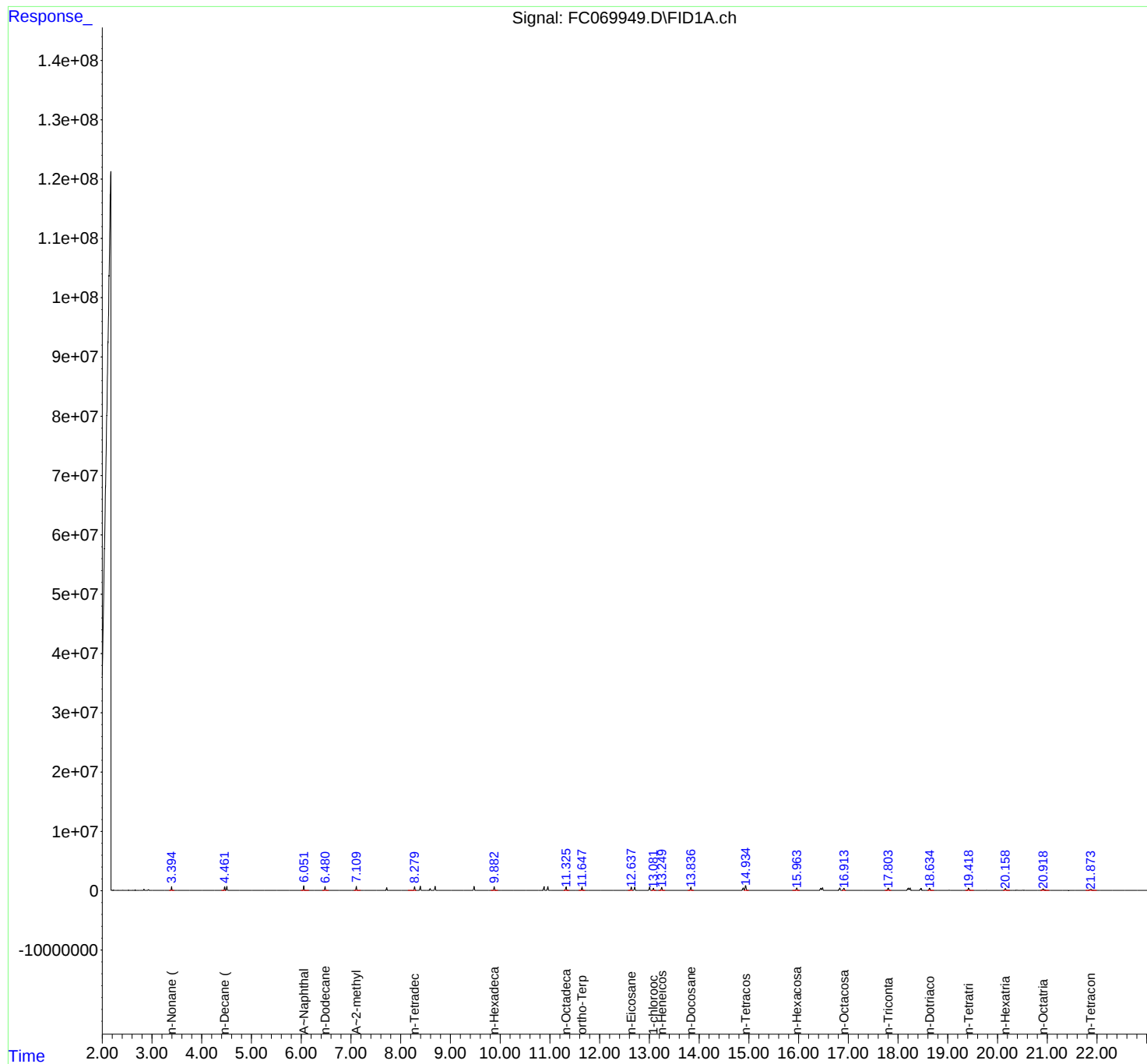
Instrument :  
FID\_C  
ClientSampleId :  
PB170007BSD

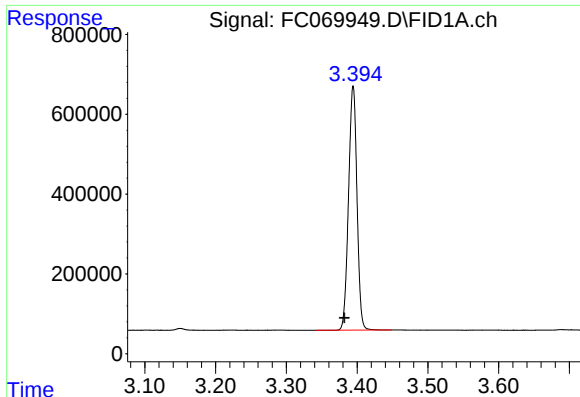
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2025  
Supervised By :mohammad ahmed 10/09/2025

Integration File: sample.E  
Quant Time: Oct 08 06:05:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 100725.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 07 09:35:40 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.: 3.394 min  
Delta R.T.: 0.012 min  
Response: 5072619  
Conc: 36.94 ug/ml

Instrument :

FID\_C

ClientSampleId :

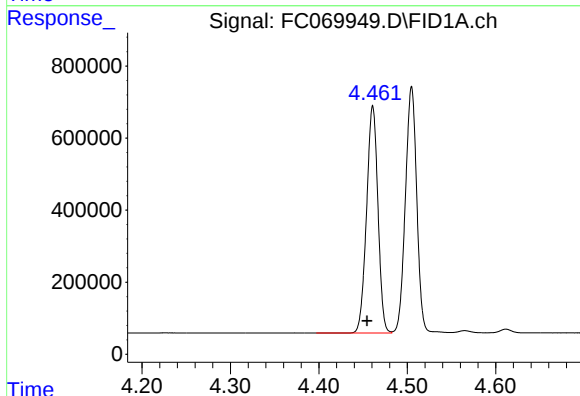
PB170007BSD

Manual Integrations

APPROVED

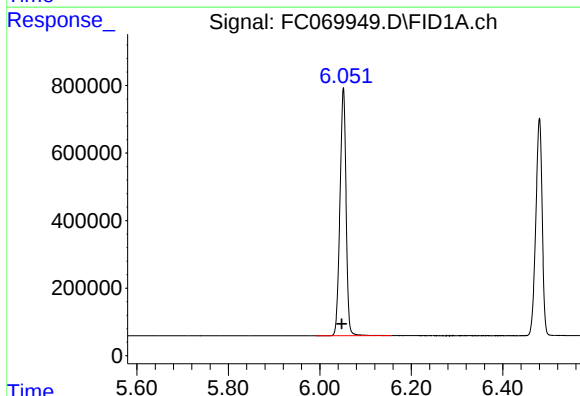
Reviewed By :Yogesh Patel 10/08/2025

Supervised By :mohammad ahmed 10/09/2025



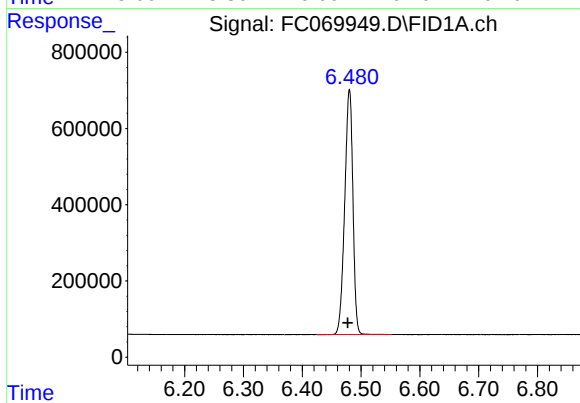
#2 n-Decane (C10)

R.T.: 4.461 min  
Delta R.T.: 0.006 min  
Response: 5620120  
Conc: 39.09 ug/ml



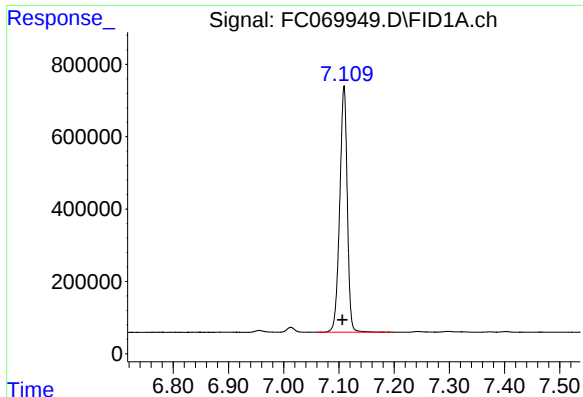
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min  
Delta R.T.: 0.003 min  
Response: 6794310  
Conc: 42.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.480 min  
Delta R.T.: 0.003 min  
Response: 6229412  
Conc: 40.64 ug/ml



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

R.T.: 7.109 min  
Delta R.T.: 0.003 min  
Response: 6473337  
Conc: 40.57 ug/ml

Instrument :

FID\_C

ClientSampleId :

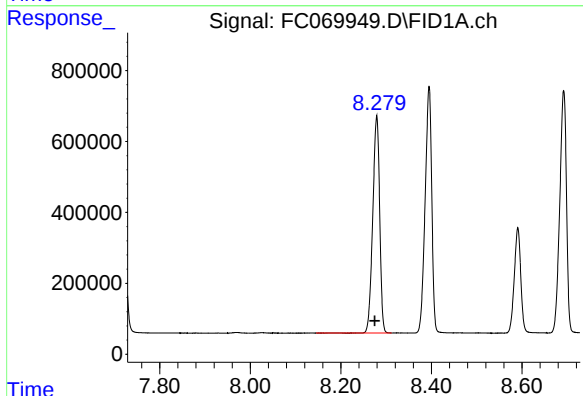
PB170007BSD

Manual Integrations

APPROVED

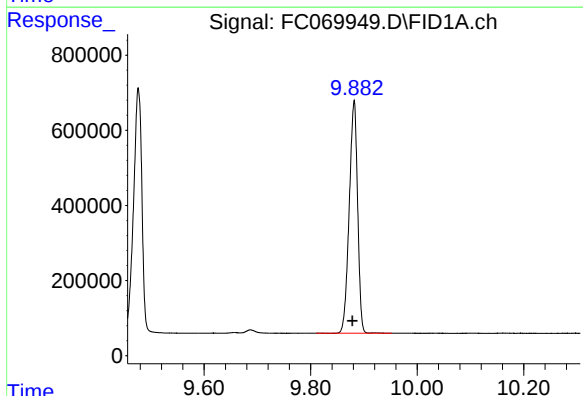
Reviewed By :Yogesh Patel 10/08/2025

Supervised By :mohammad ahmed 10/09/2025



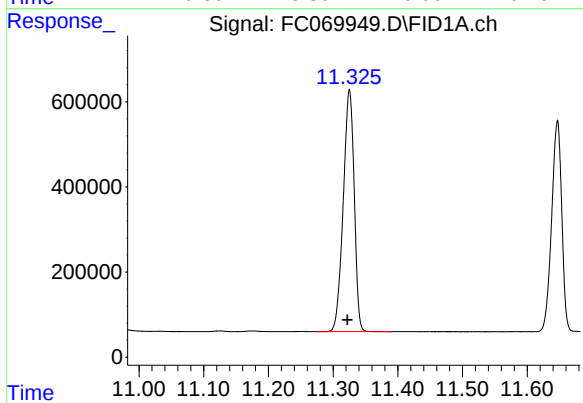
#6 n-Tetradecane (C14)

R.T.: 8.279 min  
Delta R.T.: 0.004 min  
Response: 6470042  
Conc: 40.68 ug/ml



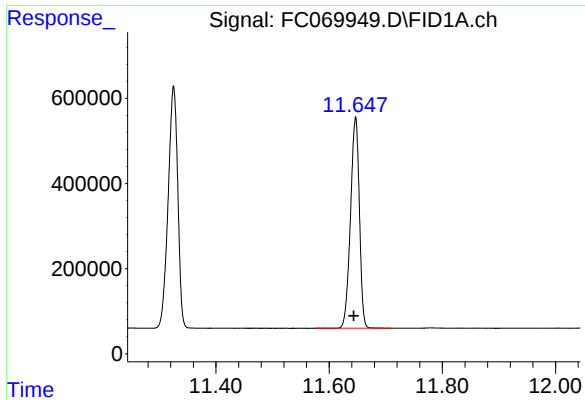
#7 n-Hexadecane (C16)

R.T.: 9.881 min  
Delta R.T.: 0.003 min  
Response: 6749782  
Conc: 40.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.325 min  
Delta R.T.: 0.003 min  
Response: 6704012  
Conc: 39.41 ug/ml



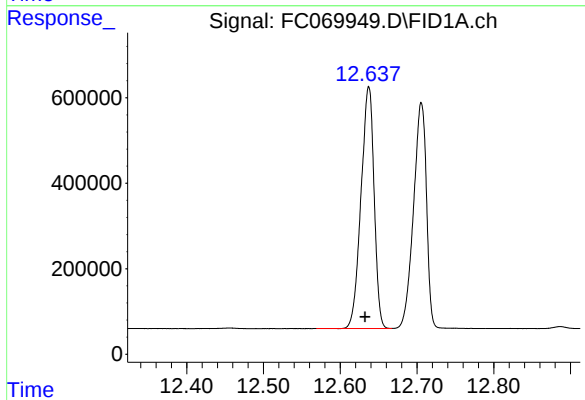
#9 ortho-Terphenyl (SURR)

R.T.: 11.647 min  
Delta R.T.: 0.003 min  
Response: 5387434  
Conc: 30.68 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB170007BSD

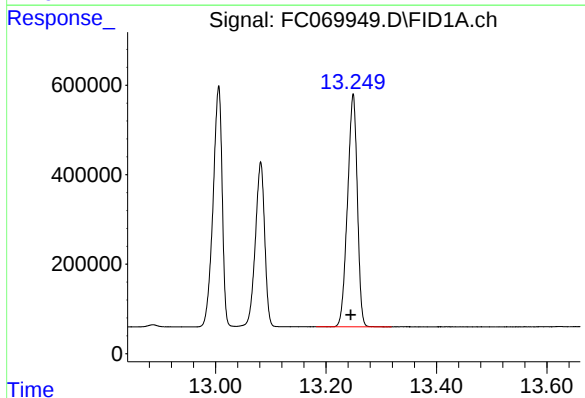
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2025  
Supervised By :mohammad ahmed 10/09/2025



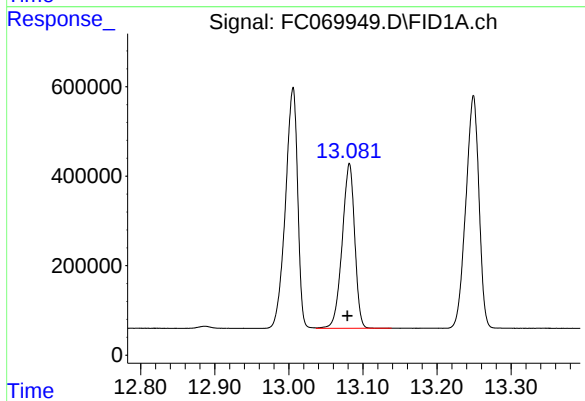
#10 n-Eicosane (C20)

R.T.: 12.637 min  
Delta R.T.: 0.004 min  
Response: 6719553  
Conc: 41.88 ug/ml



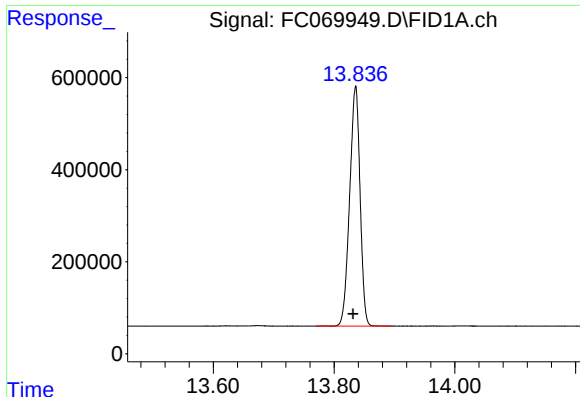
#11 n-Heneicosane (C21)

R.T.: 13.249 min  
Delta R.T.: 0.004 min  
Response: 6400472  
Conc: 41.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min  
Delta R.T.: 0.002 min  
Response: 4328413  
Conc: 31.89 ug/ml



#13 n-Docosane (C22)

R.T.: 13.835 min  
Delta R.T.: 0.004 min  
Response: 6231063  
Conc: 40.49 ug/ml

Instrument :

FID\_C

ClientSampleId :

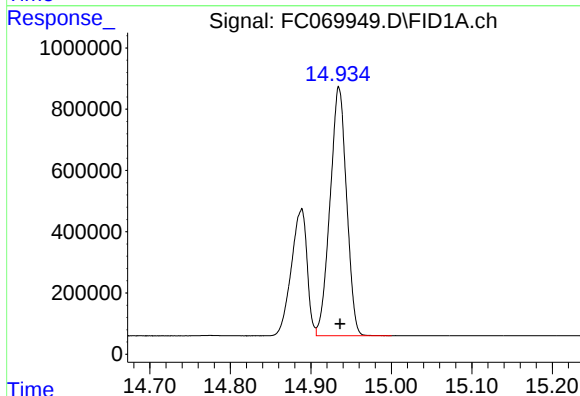
PB170007BSD

Manual Integrations

APPROVED

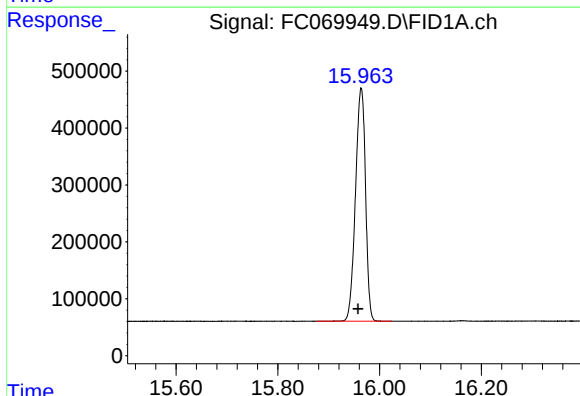
Reviewed By :Yogesh Patel 10/08/2025

Supervised By :mohammad ahmed 10/09/2025



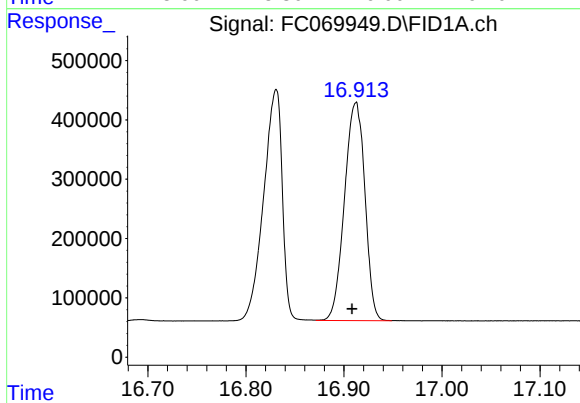
#14 n-Tetracosane (C24)

R.T.: 14.935 min  
Delta R.T.: -0.001 min  
Response: 11571639  
Conc: 76.31 ug/ml



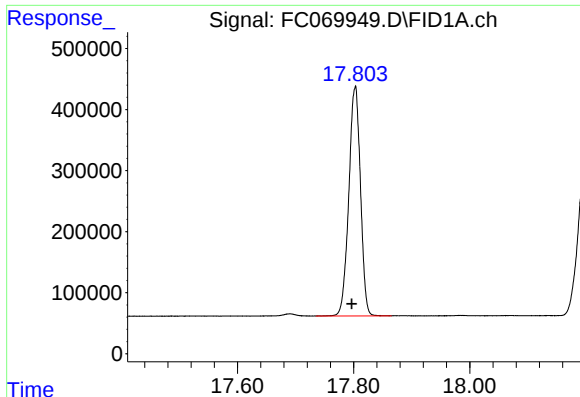
#15 n-Hexacosane (C26)

R.T.: 15.964 min  
Delta R.T.: 0.006 min  
Response: 5609422  
Conc: 38.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.913 min  
Delta R.T.: 0.004 min  
Response: 5323551  
Conc: 38.49 ug/ml m



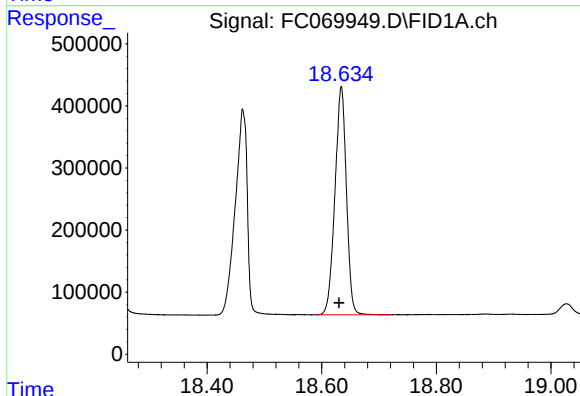
#17 n-Tricontane (C30)

R.T.: 17.802 min  
Delta R.T.: 0.006 min  
Response: 5242489  
Conc: 38.40 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB170007BSD

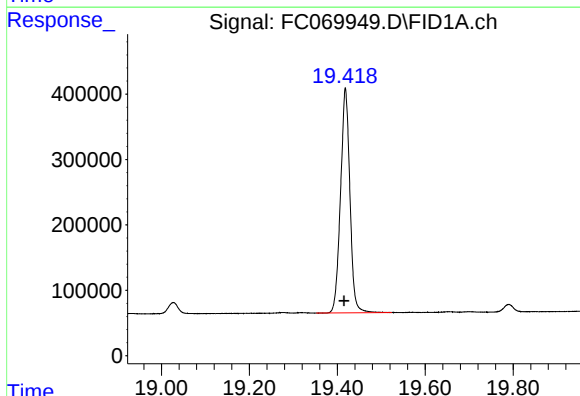
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2025  
Supervised By :mohammad ahmed 10/09/2025



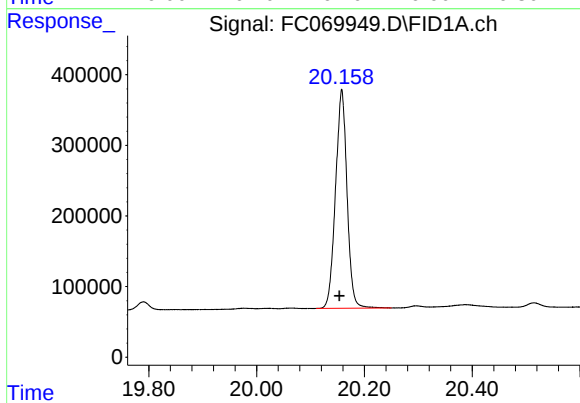
#18 n-Dotriacontane (C32)

R.T.: 18.634 min  
Delta R.T.: 0.004 min  
Response: 5102324  
Conc: 39.57 ug/ml



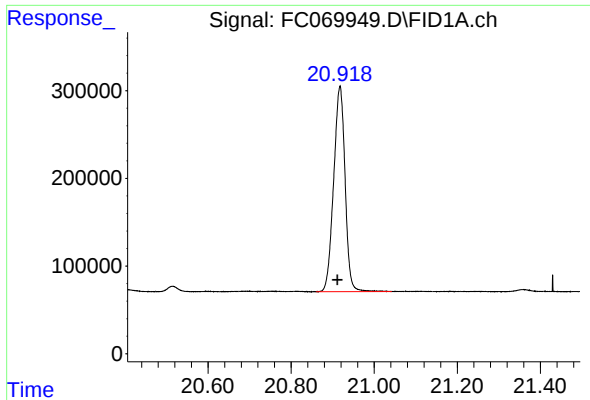
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min  
Delta R.T.: 0.003 min  
Response: 5078591  
Conc: 44.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.158 min  
Delta R.T.: 0.005 min  
Response: 4592923  
Conc: 47.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.918 min  
Delta R.T.: 0.006 min  
Response: 4462520  
Conc: 51.20 ug/ml

Instrument :

FID\_C

ClientSampleId :

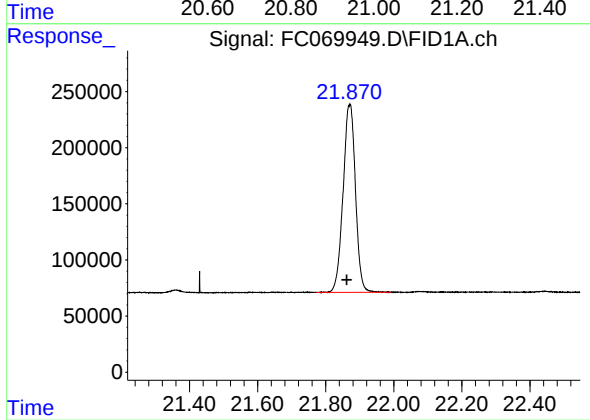
PB170007BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2025

Supervised By :mohammad ahmed 10/09/2025



#22 n-Tetracontane (C40)

R.T.: 21.870 min  
Delta R.T.: 0.009 min  
Response: 4224678  
Conc: 51.42 ug/ml