

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100825AL\  
 Data File : FC069948.D  
 Signal(s) : FID1A.ch  
 Acq On : 07 Oct 2025 14:48  
 Operator : YP/AJ  
 Sample : PB170007BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB170007BS

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 06:05:27 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)    | 11.646 | 5339633    | 30.407 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 60.81%        |
| 12) S 1-chlorooctadecane (S... | 13.081 | 4282775    | 31.551 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 63.10%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.390  | 5075157    | 36.959 ug/ml  |
| 2) T n-Decane (C10)            | 4.458  | 5613545    | 39.047 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.049  | 6792374    | 42.028 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.479  | 6209975    | 40.515 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.108  | 6474194    | 40.578 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.278  | 6443908    | 40.517 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.880  | 6693959    | 39.722 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.325 | 6676831    | 39.246 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.637 | 6671690    | 41.585 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.249 | 6349353    | 40.891 ug/ml  |
| 13) T n-Docosane (C22)         | 13.836 | 6166161    | 40.067 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.934 | 11364591   | 74.949 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.964 | 5509535    | 38.065 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.913 | 5146015    | 37.208 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.804 | 5023526    | 36.793 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.634 | 4833312    | 37.487 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.418 | 4806029    | 42.121 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.159 | 4395573    | 45.451 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.918 | 4320979    | 49.576 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.870 | 4101235    | 49.916 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100825AL\  
Data File : FC069948.D  
Signal(s) : FID1A.ch  
Acq On : 07 Oct 2025 14:48  
Operator : YP/AJ  
Sample : PB170007BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

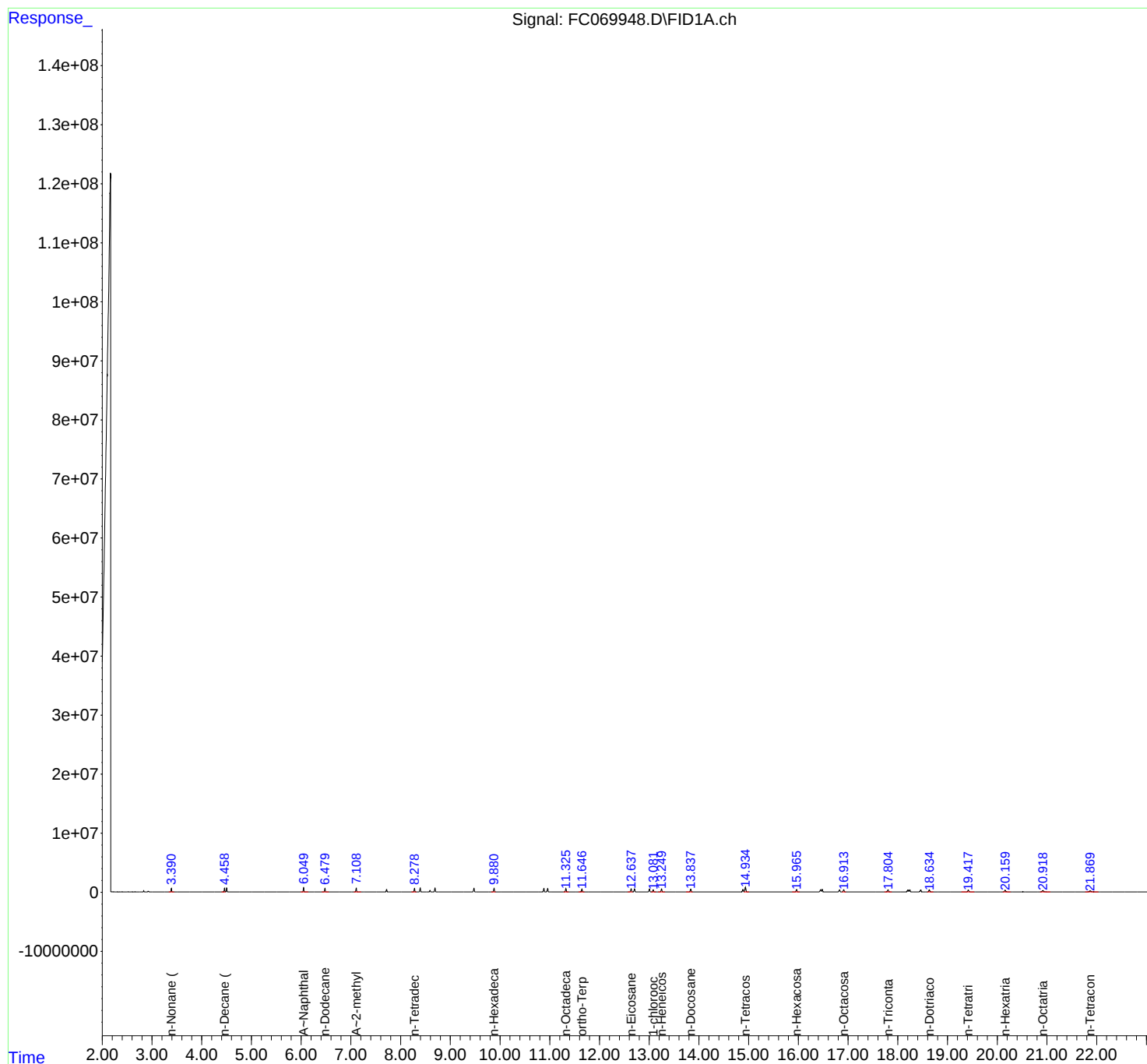
Instrument :  
FID\_C  
ClientSampleId :  
PB170007BS

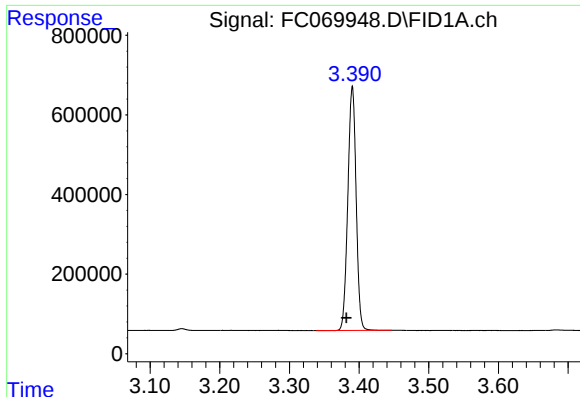
Manual Integrations  
APPROVED

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

Integration File: sample.E  
Quant Time: Oct 08 06:05:27 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





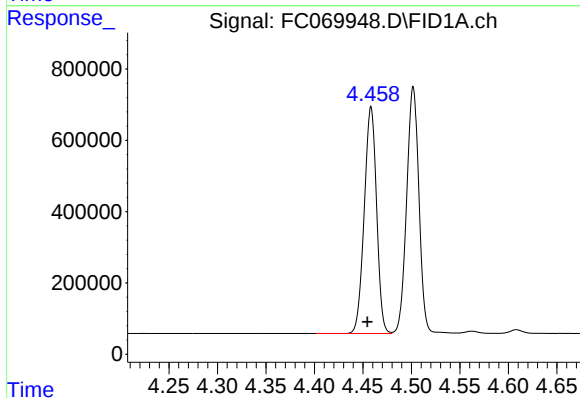
#1 n-Nonane (C9)

R.T.: 3.390 min  
Delta R.T.: 0.008 min  
Response: 5075157  
Conc: 36.96 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB170007BS

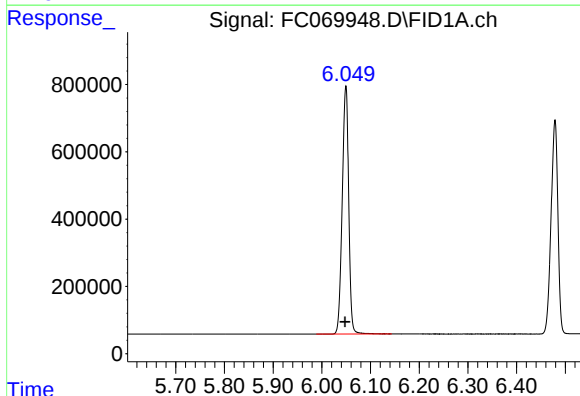
Manual Integrations  
APPROVED

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



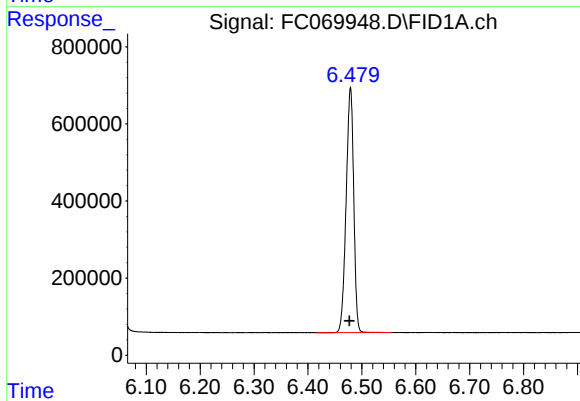
#2 n-Decane (C10)

R.T.: 4.458 min  
Delta R.T.: 0.004 min  
Response: 5613545  
Conc: 39.05 ug/ml



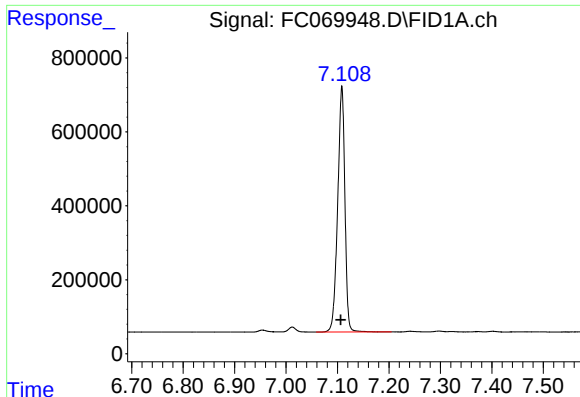
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min  
Delta R.T.: 0.001 min  
Response: 6792374  
Conc: 42.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.479 min  
Delta R.T.: 0.001 min  
Response: 6209975  
Conc: 40.51 ug/ml



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

R.T.: 7.108 min  
Delta R.T.: 0.002 min  
Response: 6474194  
Conc: 40.58 ug/ml

Instrument :

FID\_C

ClientSampleId :

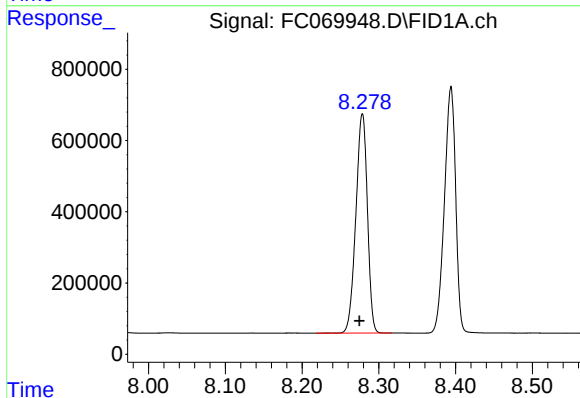
PB170007BS

Manual Integrations

APPROVED

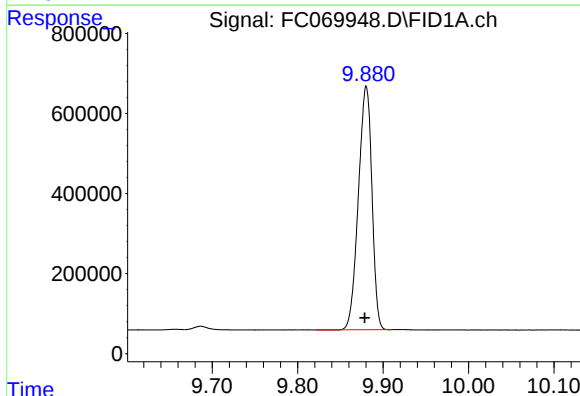
Reviewed By :Yogesh Patel 10/08/2025

Supervised By :mohammad ahmed 10/09/2025



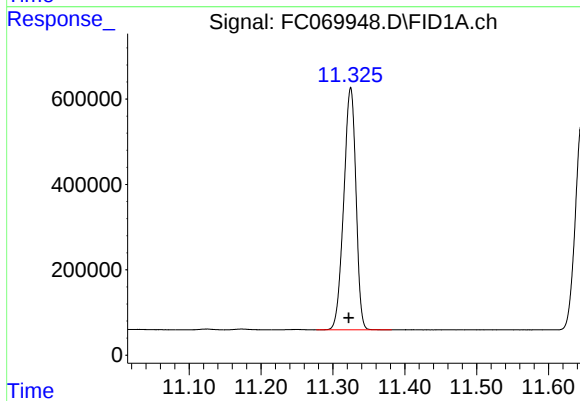
#6 n-Tetradecane (C14)

R.T.: 8.278 min  
Delta R.T.: 0.004 min  
Response: 6443908  
Conc: 40.52 ug/ml



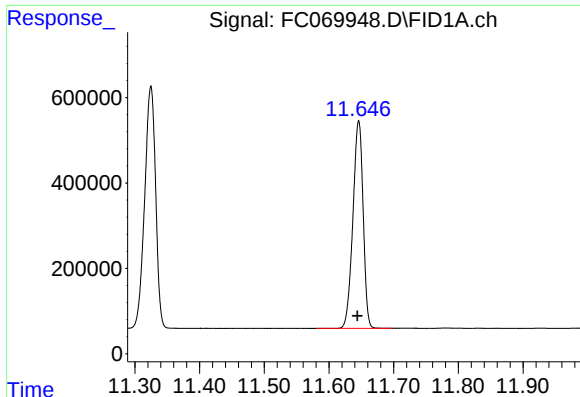
#7 n-Hexadecane (C16)

R.T.: 9.880 min  
Delta R.T.: 0.002 min  
Response: 6693959  
Conc: 39.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.325 min  
Delta R.T.: 0.003 min  
Response: 6676831  
Conc: 39.25 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min  
Delta R.T.: 0.002 min  
Response: 5339633  
Conc: 30.41 ug/ml

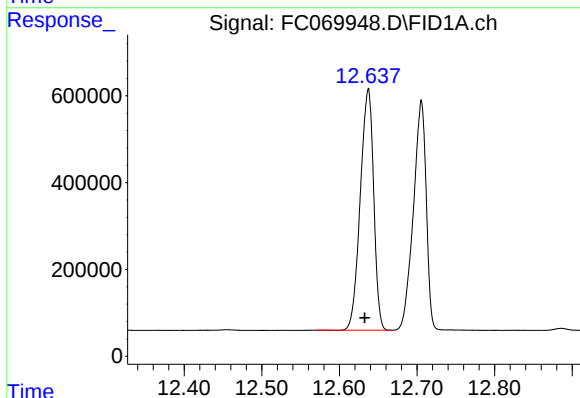
Instrument :

FID\_C

ClientSampleId :  
PB170007BS

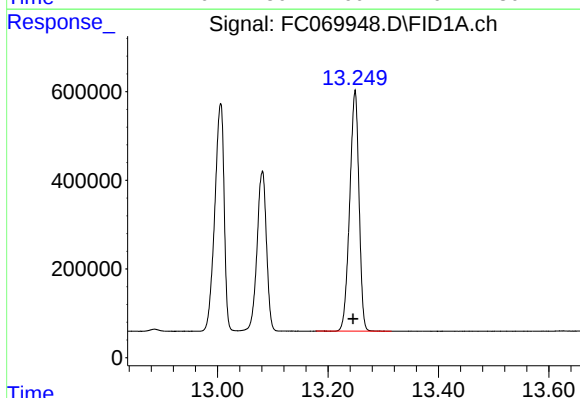
Manual Integrations  
APPROVED

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



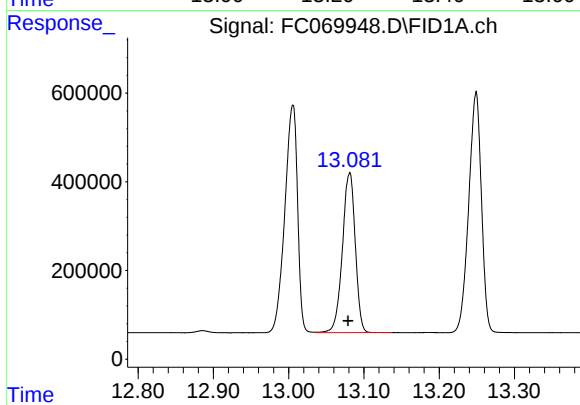
#10 n-Eicosane (C20)

R.T.: 12.637 min  
Delta R.T.: 0.004 min  
Response: 6671690  
Conc: 41.59 ug/ml



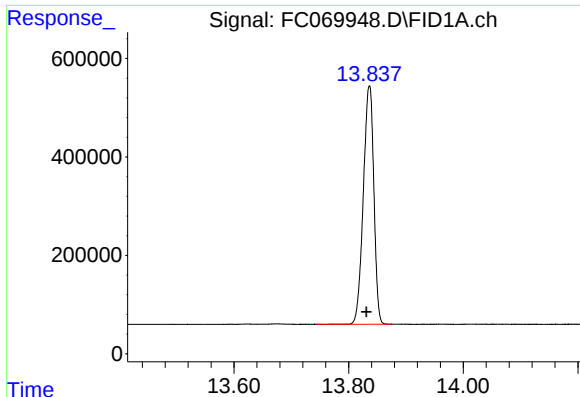
#11 n-Heneicosane (C21)

R.T.: 13.249 min  
Delta R.T.: 0.004 min  
Response: 6349353  
Conc: 40.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min  
Delta R.T.: 0.002 min  
Response: 4282775  
Conc: 31.55 ug/ml



#13 n-Docosane (C22)

R.T.: 13.836 min  
Delta R.T.: 0.005 min  
Response: 6166161  
Conc: 40.07 ug/ml

Instrument :

FID\_C

ClientSampleId :

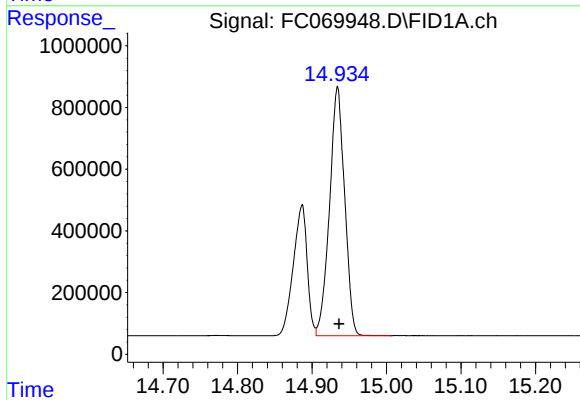
PB170007BS

Manual Integrations

APPROVED

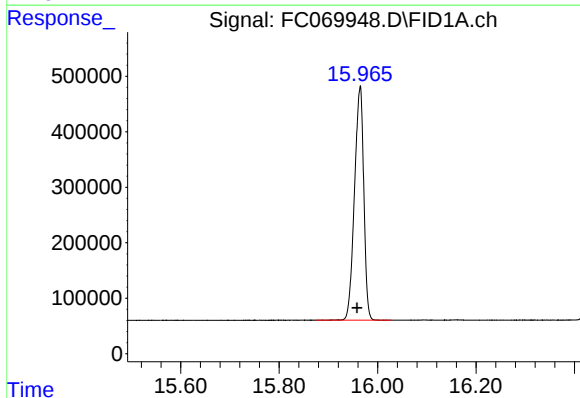
Reviewed By :Yogesh Patel 10/08/2025

Supervised By :mohammad ahmed 10/09/2025



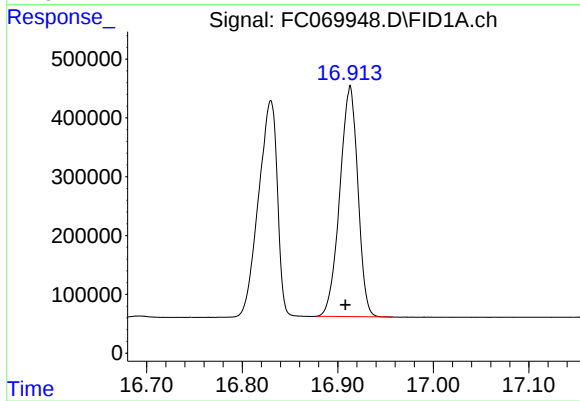
#14 n-Tetracosane (C24)

R.T.: 14.934 min  
Delta R.T.: -0.002 min  
Response: 11364591  
Conc: 74.95 ug/ml



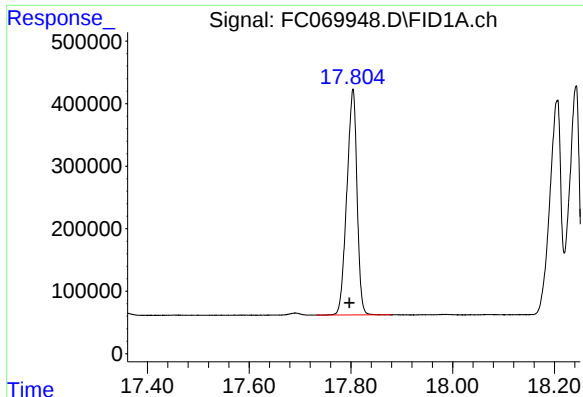
#15 n-Hexacosane (C26)

R.T.: 15.964 min  
Delta R.T.: 0.006 min  
Response: 5509535  
Conc: 38.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.913 min  
Delta R.T.: 0.004 min  
Response: 5146015  
Conc: 37.21 ug/ml m



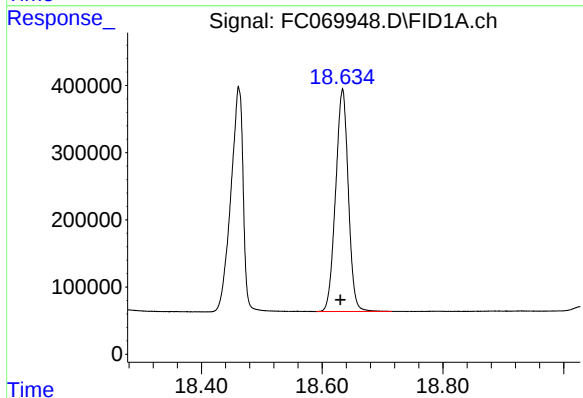
#17 n-Tricontane (C30)

R.T.: 17.804 min  
Delta R.T.: 0.007 min  
Response: 5023526  
Conc: 36.79 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB170007BS

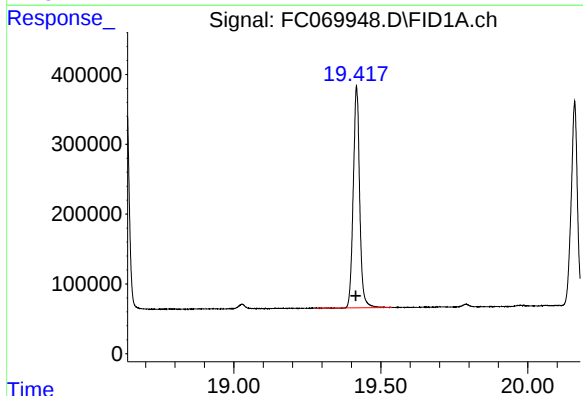
Manual Integrations  
APPROVED

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



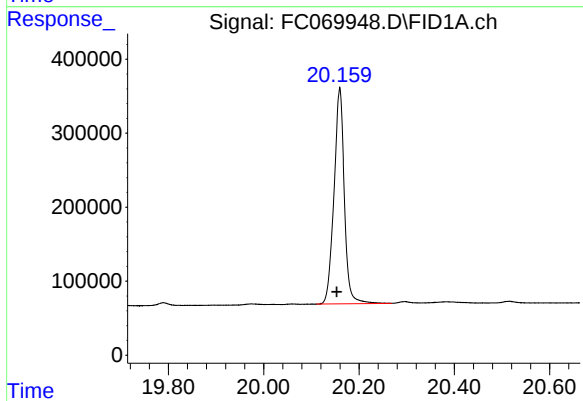
#18 n-Dotriacontane (C32)

R.T.: 18.634 min  
Delta R.T.: 0.003 min  
Response: 4833312  
Conc: 37.49 ug/ml



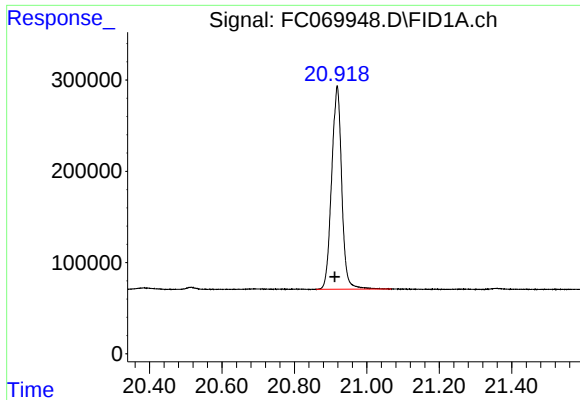
#19 n-Tetratriacontane (C34)

R.T.: 19.418 min  
Delta R.T.: 0.002 min  
Response: 4806029  
Conc: 42.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.159 min  
Delta R.T.: 0.006 min  
Response: 4395573  
Conc: 45.45 ug/ml



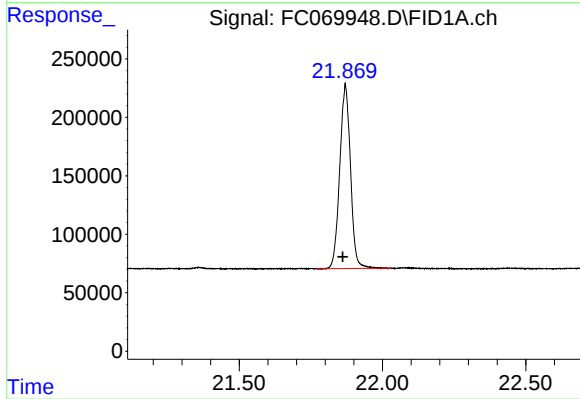
#21 n-Octatriacontane (C38)

R.T.: 20.918 min  
Delta R.T.: 0.007 min  
Response: 4320979  
Conc: 49.58 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
PB170007BS

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: 4101235  
Conc: 49.92 ug/ml