

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061225AR\  
 Data File : FD049468.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Jun 2025 21:22  
 Operator : YP/AJ  
 Sample : Q2126-03  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/13/2025  
 Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e  
 Quant Time: Jun 13 04:16:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 27 03:11:40 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.734  | 6759428    | 40.662 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 81.32%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.599  | 4666691    | 40.794 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 81.59%       |
| 11) S ortho-Terphenyl (SURR)       | 11.645 | 7116225    | 35.453 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 70.91%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.526  | 300927     | 1.891 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.068  | 359544     | 2.048 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.121  | 341660     | 1.912 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.399  | 389348     | 2.010 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.695  | 404314     | 2.126 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.474  | 407074     | 2.082 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.872 | 407568     | 2.144 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.946 | 396280     | 2.267 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.685 | 409540     | 2.270 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.983 | 413861     | 2.319 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.853 | 388108     | 2.554 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.895 | 431864     | 2.844 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.402 | 384201     | 2.654 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.434 | 386466     | 2.693 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.781 | 375657     | 2.764 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.143 | 380852     | 2.982 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.185 | 388525     | 2.886 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.397 | 375535     | 2.786 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061225AR\  
Data File : FD049468.D  
Signal(s) : FID2B.ch  
Acq On : 12 Jun 2025 21:22  
Operator : YP/AJ  
Sample : Q2126-03  
Misc :  
ALS Vial : 68 Sample Multiplier: 1

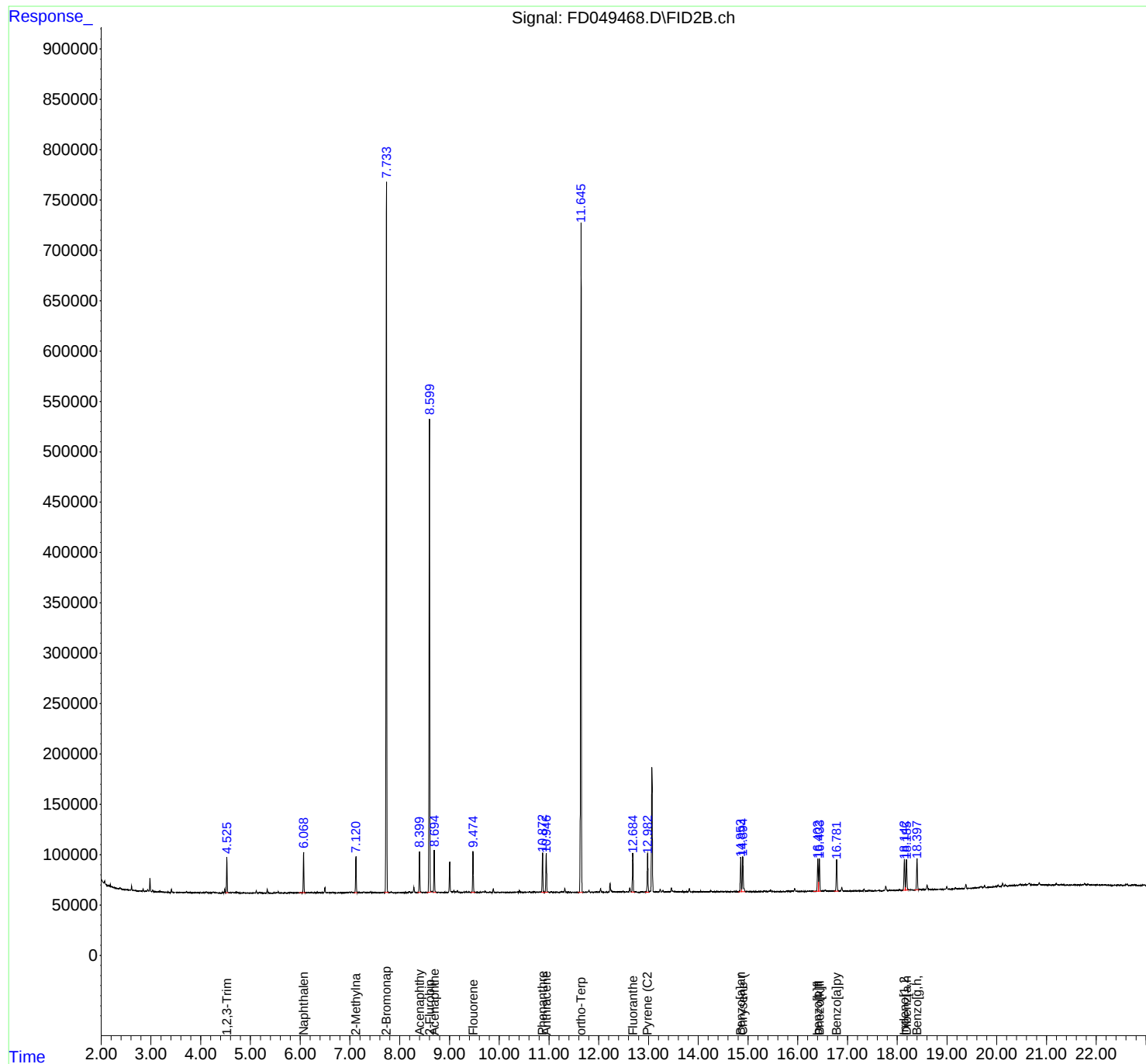
Instrument :  
FID\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2025

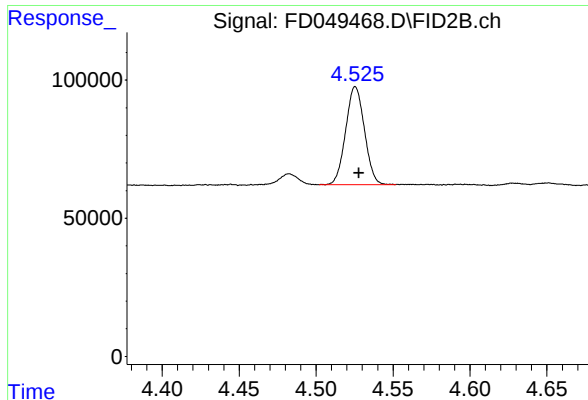
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/13/2025  
Supervised By :mohammad ahmed 06/16/2025

Integration File: autoint1.e  
Quant Time: Jun 13 04:16:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052425.M  
Quant Title : GC Extractables  
QLast Update : Tue May 27 03:11:40 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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





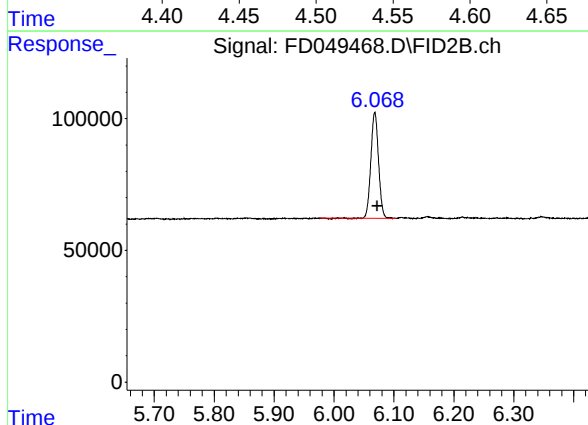
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.526 min  
Delta R.T.: -0.002 min  
Response: 300927  
Conc: 1.89 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2025

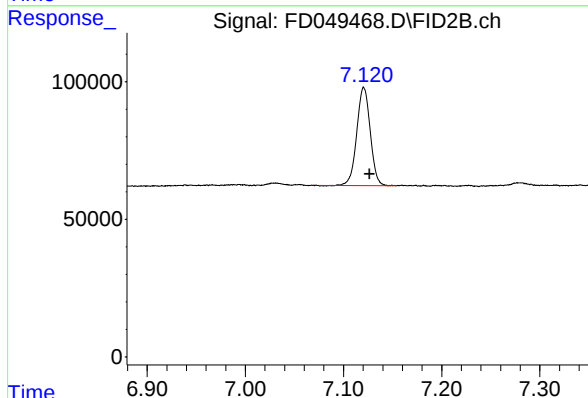
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/13/2025  
Supervised By :mohammad ahmed 06/16/2025



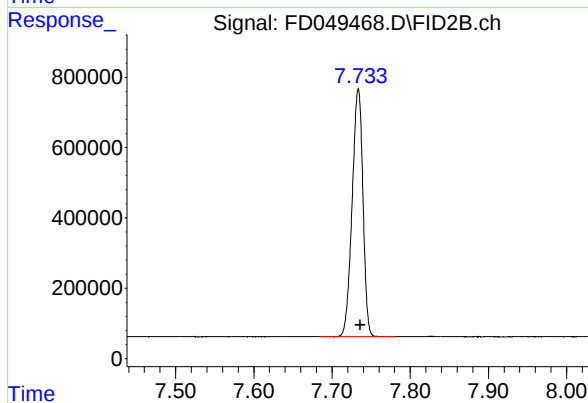
#2 Naphthalene (C11.7)

R.T.: 6.068 min  
Delta R.T.: -0.004 min  
Response: 359544  
Conc: 2.05 ug/ml



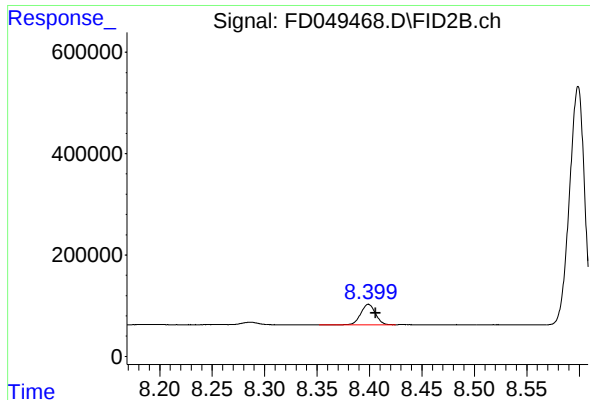
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min  
Delta R.T.: -0.006 min  
Response: 341660  
Conc: 1.91 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.734 min  
Delta R.T.: -0.003 min  
Response: 6759428  
Conc: 40.66 ug/ml



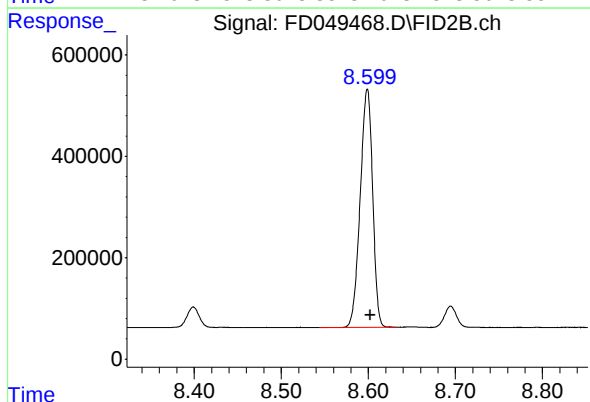
#5 Acenaphthylene (C15.06)

R.T.: 8.399 min  
Delta R.T.: -0.007 min  
Response: 389348  
Conc: 2.01 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2025

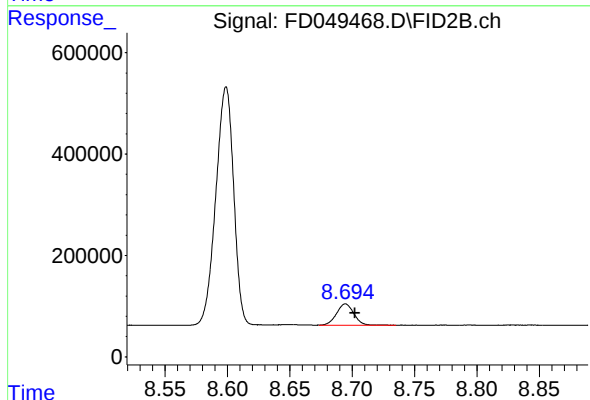
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/13/2025  
Supervised By :mohammad ahmed 06/16/2025



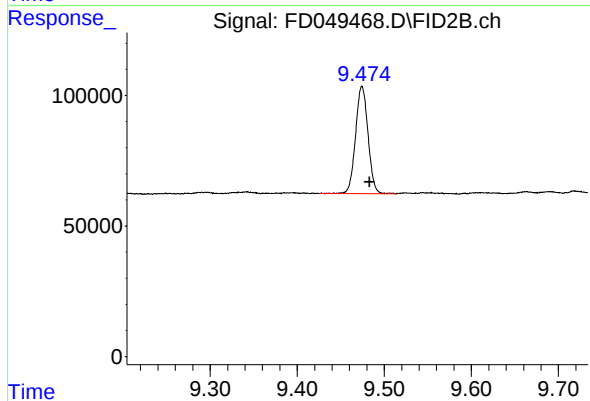
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min  
Delta R.T.: -0.003 min  
Response: 4666691  
Conc: 40.79 ug/ml



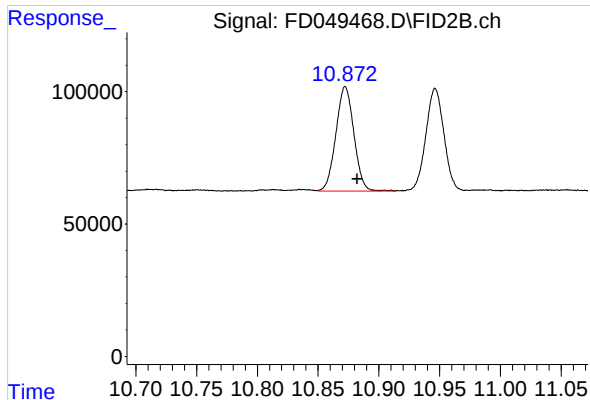
#7 Acenaphthene (C15.5)

R.T.: 8.695 min  
Delta R.T.: -0.008 min  
Response: 404314  
Conc: 2.13 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.474 min  
Delta R.T.: -0.009 min  
Response: 407074  
Conc: 2.08 ug/ml



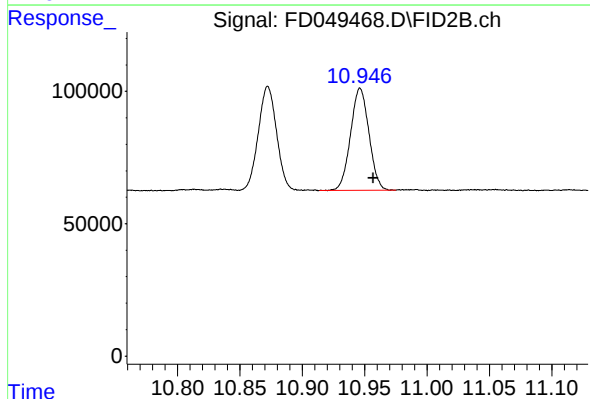
#9 Phenanthrene (C19.36)

R.T.: 10.872 min  
Delta R.T.: -0.010 min  
Response: 407568  
Conc: 2.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2025

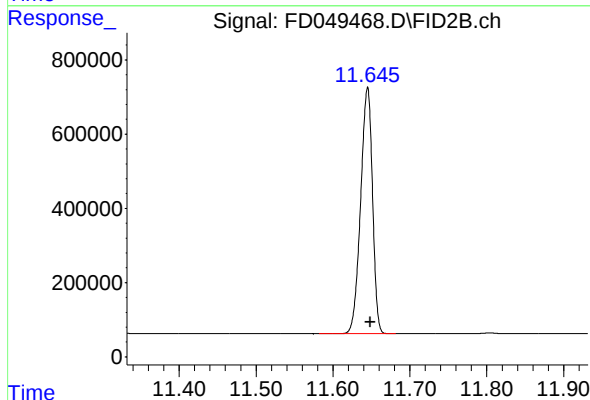
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/13/2025  
Supervised By :mohammad ahmed 06/16/2025



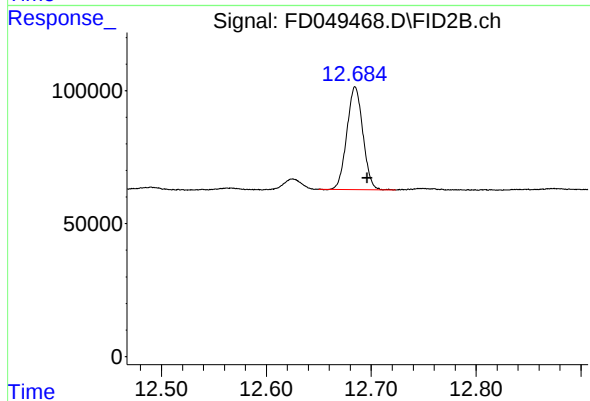
#10 Anthracene (C19.43)

R.T.: 10.946 min  
Delta R.T.: -0.011 min  
Response: 396280  
Conc: 2.27 ug/ml



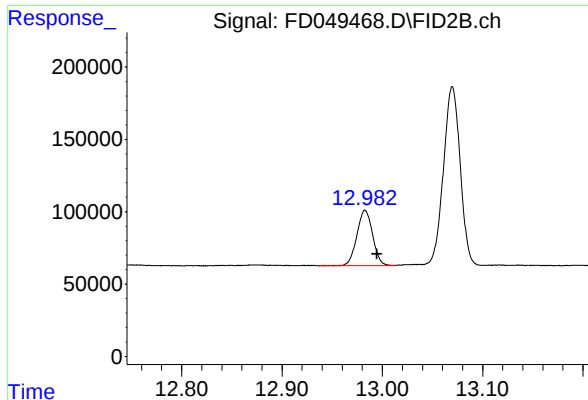
#11 ortho-Terphenyl (SURR)

R.T.: 11.645 min  
Delta R.T.: -0.003 min  
Response: 7116225  
Conc: 35.45 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.685 min  
Delta R.T.: -0.012 min  
Response: 409540  
Conc: 2.27 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.983 min  
Delta R.T.: -0.012 min  
Response: 413861  
Conc: 2.32 ug/ml

Instrument :

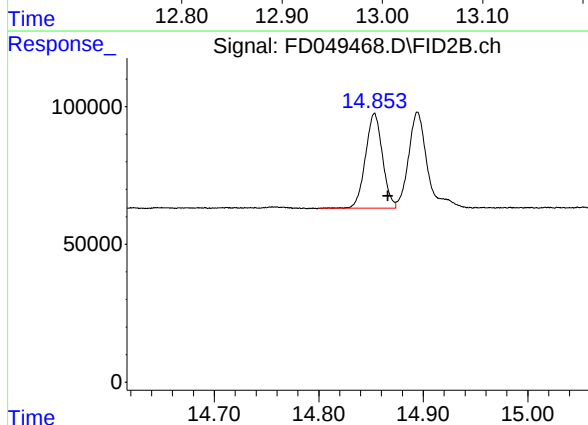
FID\_D

ClientSampleId :

MDL-SOIL-03-QT2-2025

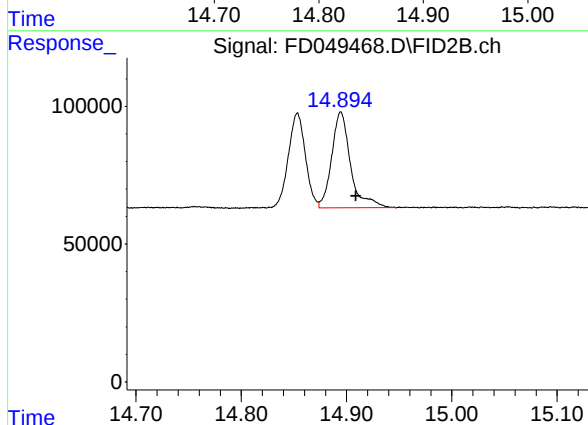
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/13/2025  
Supervised By :mohammad ahmed 06/16/2025



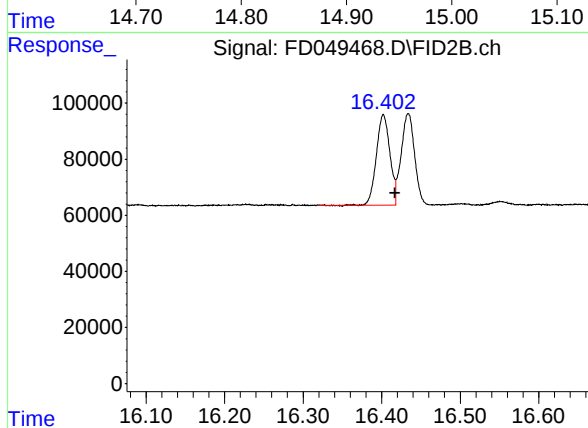
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.853 min  
Delta R.T.: -0.013 min  
Response: 388108  
Conc: 2.55 ug/ml



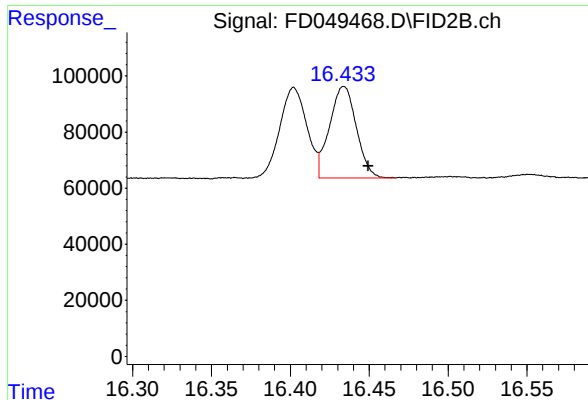
#15 Chrysene (C27.41)

R.T.: 14.895 min  
Delta R.T.: -0.014 min  
Response: 431864  
Conc: 2.84 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.402 min  
Delta R.T.: -0.015 min  
Response: 384201  
Conc: 2.65 ug/ml



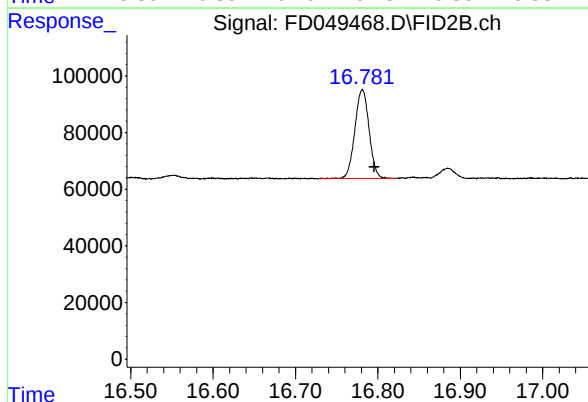
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.434 min  
Delta R.T.: -0.015 min  
Response: 386466  
Conc: 2.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2025

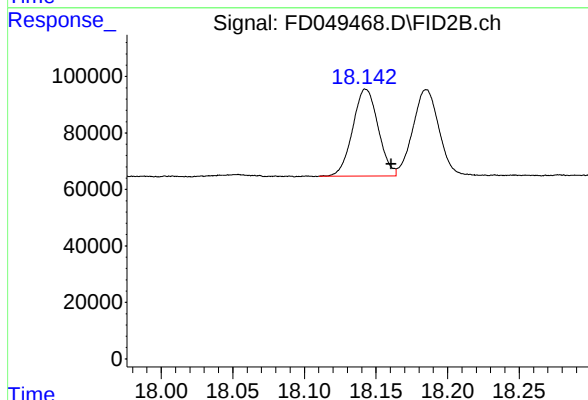
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/13/2025  
Supervised By :mohammad ahmed 06/16/2025



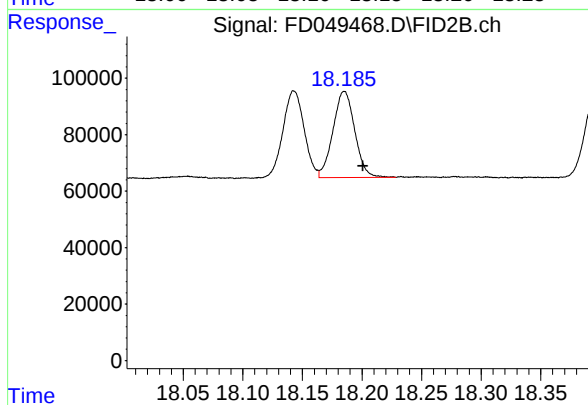
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min  
Delta R.T.: -0.015 min  
Response: 375657  
Conc: 2.76 ug/ml



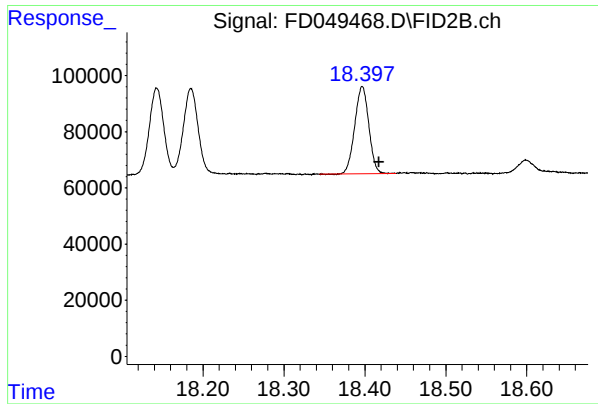
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.143 min  
Delta R.T.: -0.018 min  
Response: 380852  
Conc: 2.98 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.185 min  
Delta R.T.: -0.016 min  
Response: 388525  
Conc: 2.89 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.397 min  
Delta R.T.: -0.021 min  
Response: 375535  
Conc: 2.79 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
MDL-SOIL-03-QT2-2025

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/13/2025  
Supervised By :mohammad ahmed 06/16/2025