

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071625AR\  
 Data File : FD049561.D  
 Signal(s) : FID2B.ch  
 Acq On : 17 Jul 2025 01:45  
 Operator : YP/AJ  
 Sample : PB168877BS  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB168877BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 07/17/2025

Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E

Quant Time: Jul 17 07:19:07 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071525.M

Quant Title : GC Extractables

QLast Update : Tue Jul 15 12:32:40 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...      | 7.738  | 7234702    | 55.297 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 110.59%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.604  | 4998441    | 53.942 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 107.88%       |
| 11) S ortho-Terphenyl (SURR)       | 11.647 | 7219699    | 44.031 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 88.06%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.531  | 4567506    | 35.355 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.074  | 5777958    | 39.478 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.127  | 5769419    | 37.991 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.406  | 6911280    | 43.540 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.703  | 7015140    | 44.308 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.484  | 7437756    | 46.560 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.883 | 7535429    | 46.003 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.958 | 6917077    | 43.424 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.698 | 7503435    | 46.163 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.996 | 7409961    | 45.659 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.868 | 7004346    | 47.827 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.913 | 7566108    | 50.839 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.420 | 6760709    | 47.715 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.455 | 6592165    | 49.312 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.799 | 6342555    | 46.067 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.166 | 6612996    | 52.800 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.203 | 6030764    | 45.777 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.422 | 5996473    | 45.310 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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Acq On : 17 Jul 2025 01:45  
Operator : YP/AJ  
Sample : PB168877BS  
Misc :  
ALS Vial : 71 Sample Multiplier: 1

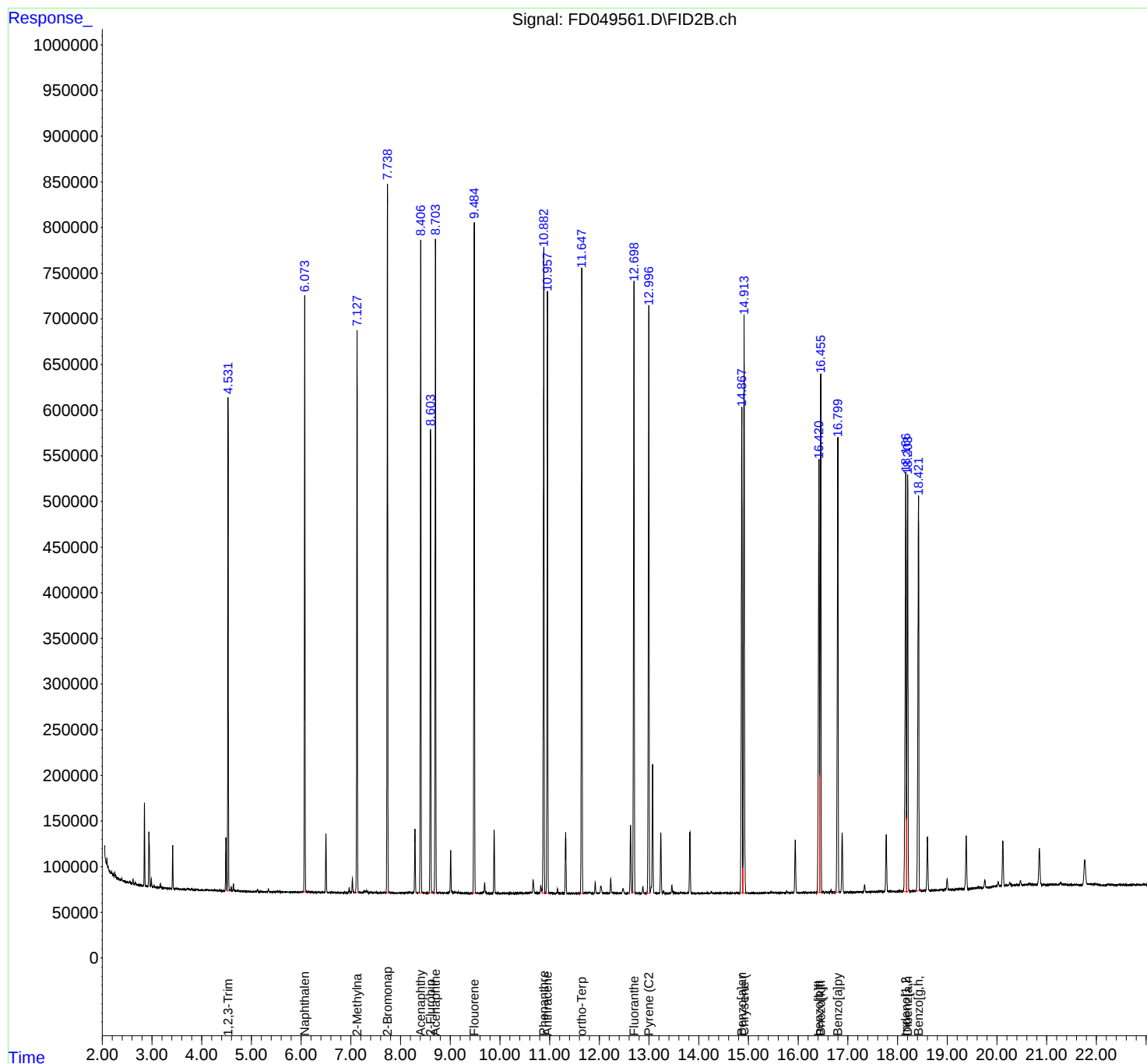
Instrument :  
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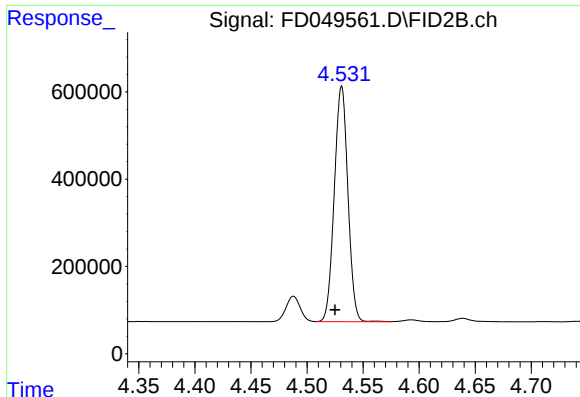
Manual Integrations  
APPROVED

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Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E  
Quant Time: Jul 17 07:19:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071525.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 15 12:32:40 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.: 4.531 min  
Delta R.T.: 0.006 min  
Response: 4567506  
Conc: 35.36 ug/ml

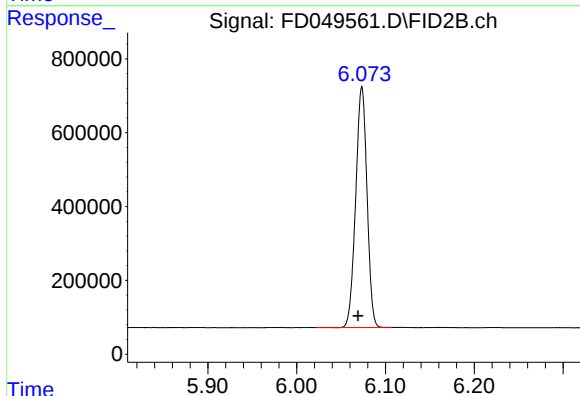
Instrument :

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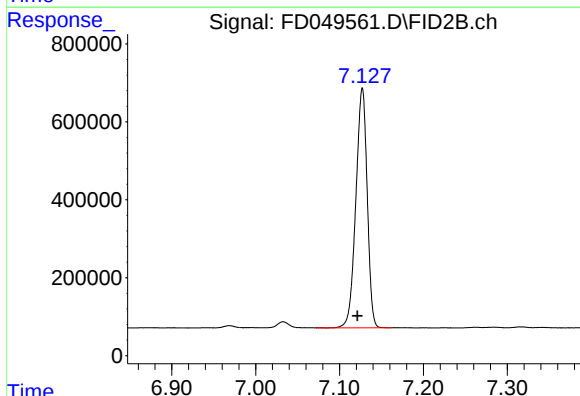
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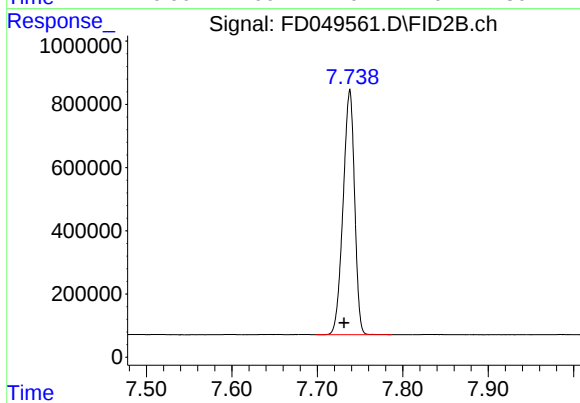
#2 Naphthalene (C11.7)

R.T.: 6.074 min  
Delta R.T.: 0.004 min  
Response: 5777958  
Conc: 39.48 ug/ml



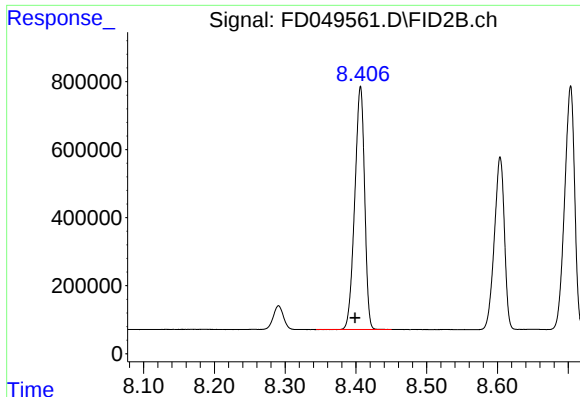
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min  
Delta R.T.: 0.006 min  
Response: 5769419  
Conc: 37.99 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.738 min  
Delta R.T.: 0.007 min  
Response: 7234702  
Conc: 55.30 ug/ml



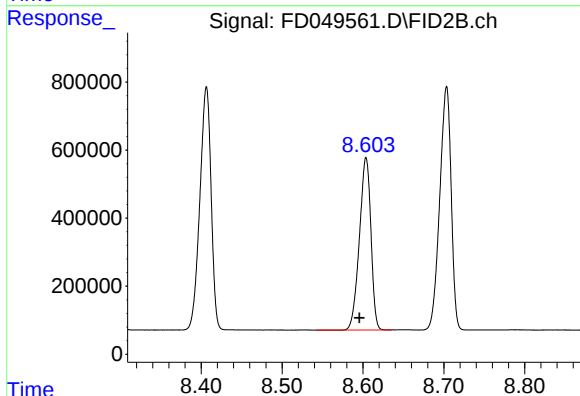
#5 Acenaphthylene (C15.06)

R.T.: 8.406 min  
Delta R.T.: 0.008 min  
Response: 6911280  
Conc: 43.54 ug/ml

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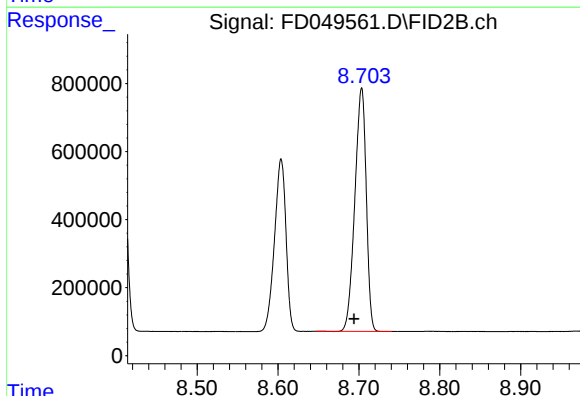
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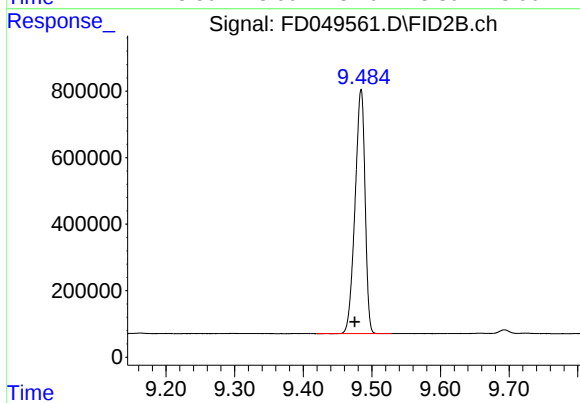
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.604 min  
Delta R.T.: 0.008 min  
Response: 4998441  
Conc: 53.94 ug/ml



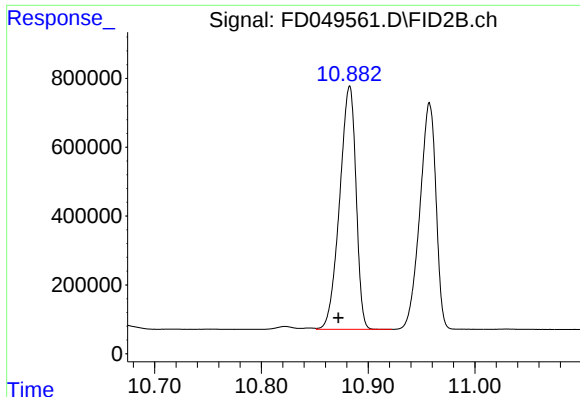
#7 Acenaphthene (C15.5)

R.T.: 8.703 min  
Delta R.T.: 0.009 min  
Response: 7015140  
Conc: 44.31 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.484 min  
Delta R.T.: 0.009 min  
Response: 7437756  
Conc: 46.56 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.883 min  
Delta R.T.: 0.011 min  
Response: 7535429  
Conc: 46.00 ug/ml

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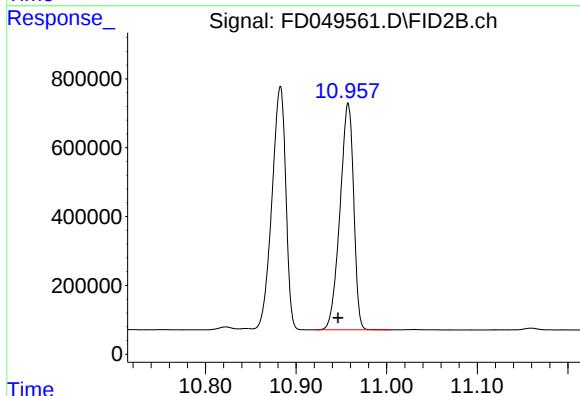
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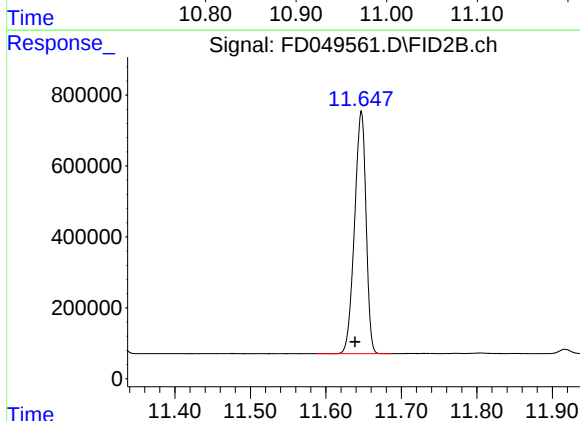
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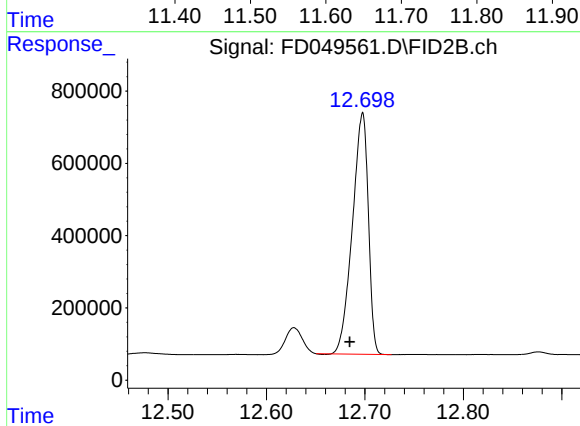
#10 Anthracene (C19.43)

R.T.: 10.958 min  
Delta R.T.: 0.011 min  
Response: 6917077  
Conc: 43.42 ug/ml



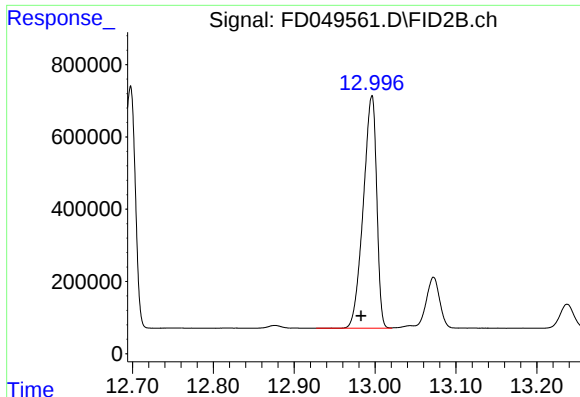
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min  
Delta R.T.: 0.008 min  
Response: 7219699  
Conc: 44.03 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.698 min  
Delta R.T.: 0.013 min  
Response: 7503435  
Conc: 46.16 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.996 min  
Delta R.T.: 0.014 min  
Response: 7409961  
Conc: 45.66 ug/ml

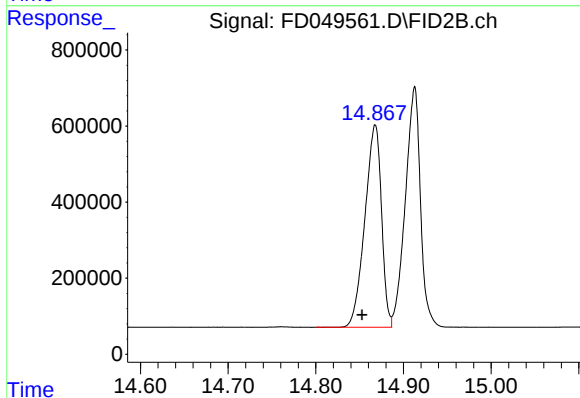
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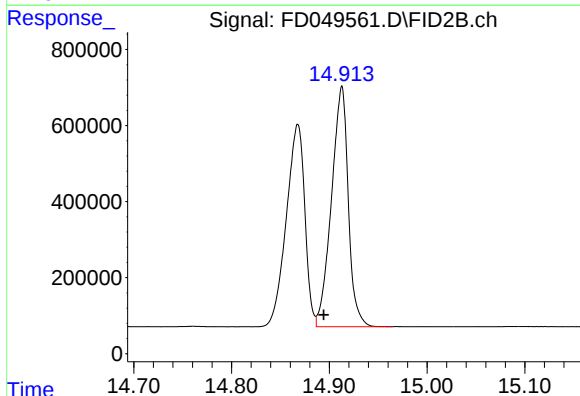
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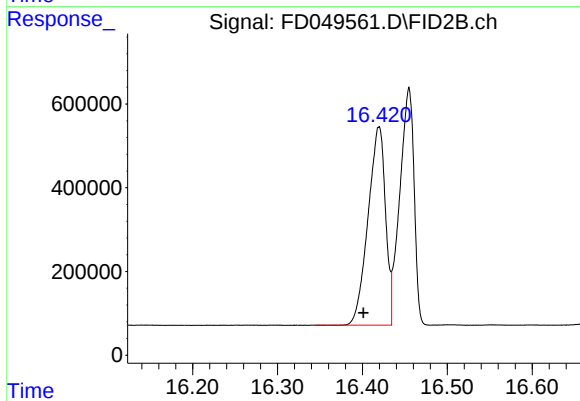
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.868 min  
Delta R.T.: 0.015 min  
Response: 7004346  
Conc: 47.83 ug/ml



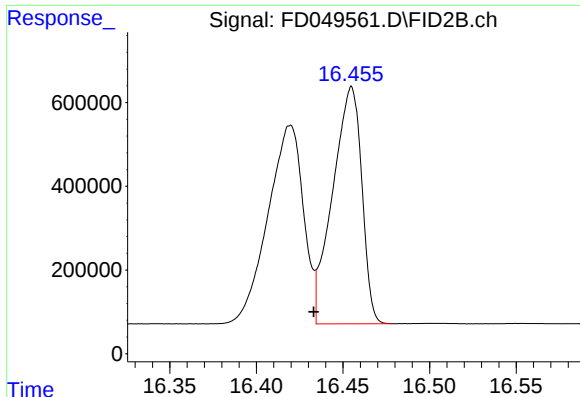
#15 Chrysene (C27.41)

R.T.: 14.913 min  
Delta R.T.: 0.019 min  
Response: 7566108  
Conc: 50.84 ug/ml



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

R.T.: 16.420 min  
Delta R.T.: 0.018 min  
Response: 6760709  
Conc: 47.71 ug/ml



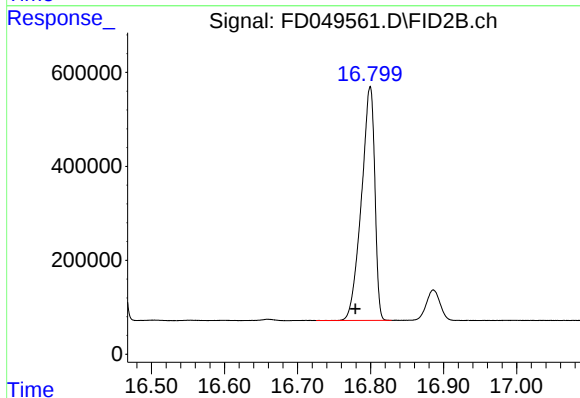
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.455 min  
Delta R.T.: 0.021 min  
Response: 6592165  
Conc: 49.31 ug/ml

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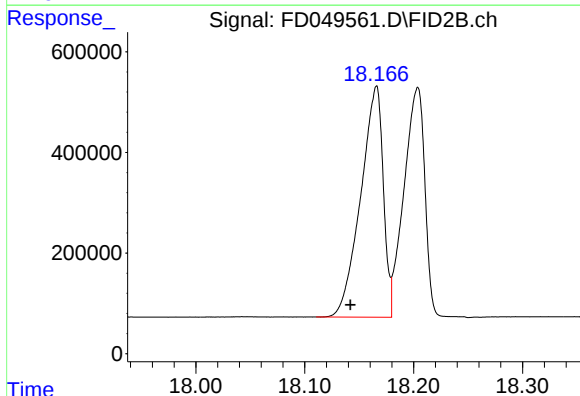
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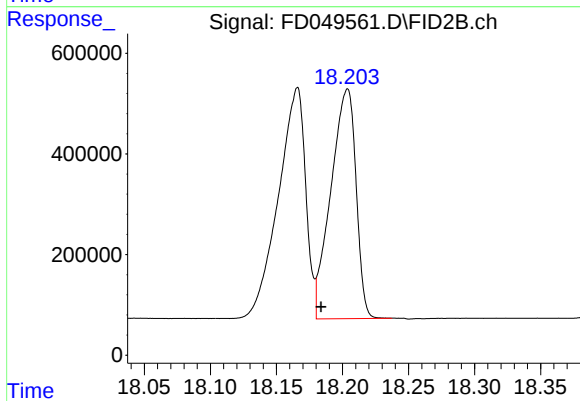
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.799 min  
Delta R.T.: 0.020 min  
Response: 6342555  
Conc: 46.07 ug/ml



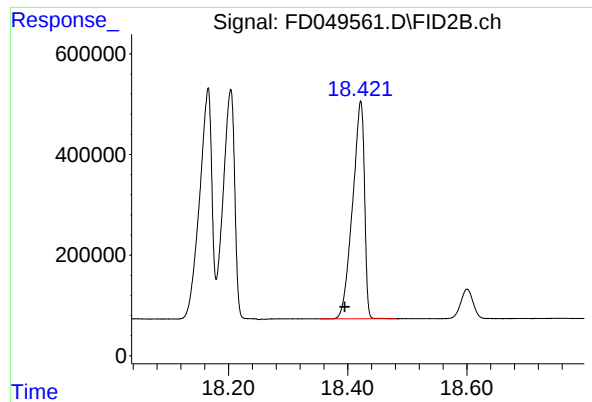
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.166 min  
Delta R.T.: 0.024 min  
Response: 6612996  
Conc: 52.80 ug/ml



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

R.T.: 18.203 min  
Delta R.T.: 0.020 min  
Response: 6030764  
Conc: 45.78 ug/ml m



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

R.T.: 18.422 min  
Delta R.T.: 0.027 min  
Response: 5996473  
Conc: 45.31 ug/ml

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