

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF123024AR\  
 Data File : FF015214.D  
 Signal(s) : FID2B.ch  
 Acq On : 30 Dec 2024 17:02  
 Operator : YP\AJ  
 Sample : PB165904BSD  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 PB165904BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/31/2024  
 Supervised By :Ankita Jodhani 12/31/2024

Integration File: autoint1.e  
 Quant Time: Dec 31 00:39:22 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 122024.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 20 13:12:04 2024  
 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...      | 7.987  | 6996229    | 52.132 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 104.26%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.861  | 4623731    | 50.492 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 100.98%       |
| 11) S ortho-Terphenyl (SURR)       | 11.920 | 6858277    | 45.528 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 91.06%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.600  | 5001723    | 34.166 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.266  | 6742557    | 44.536 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.362  | 7170840    | 48.440 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.662  | 8262927    | 54.384 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.962  | 8854448    | 60.244 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.750  | 9204559    | 61.264 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.156 | 9525752    | 64.874 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.232 | 9625283    | 66.613 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.975 | 9950060    | 67.604 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.275 | 10611588   | 72.750 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.152 | 9600022    | 68.367 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.200 | 10841349   | 77.229 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.710 | 9441247    | 68.385 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.747 | 9336804    | 67.844 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 17.093 | 8971158    | 68.475 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.464 | 9499197    | 78.152 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.504 | 8409235    | 62.885 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.722 | 8398081    | 65.193 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 30 Dec 2024 17:02  
Operator : YP\AJ  
Sample : PB165904BSD  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

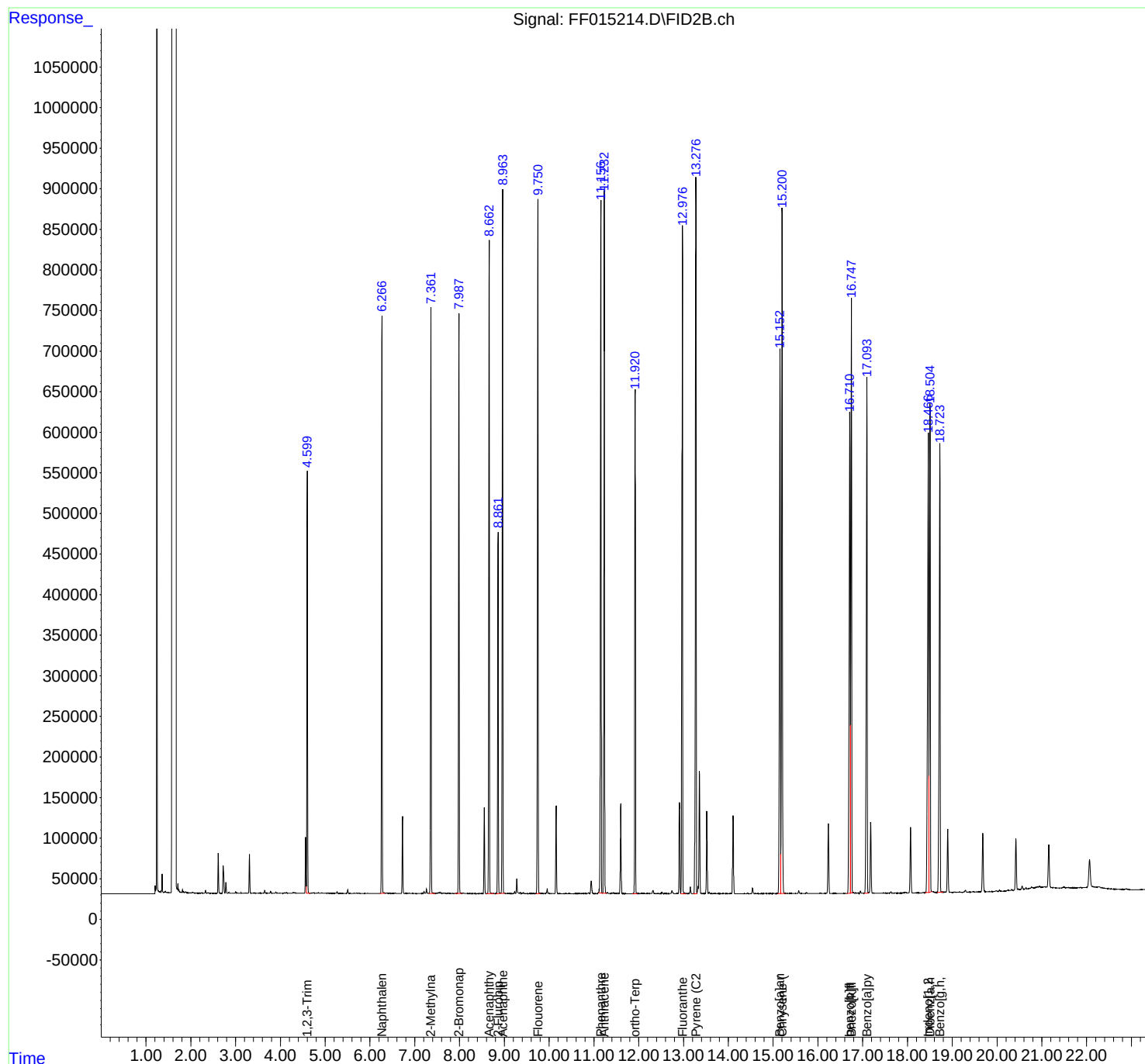
Instrument :  
FID\_F  
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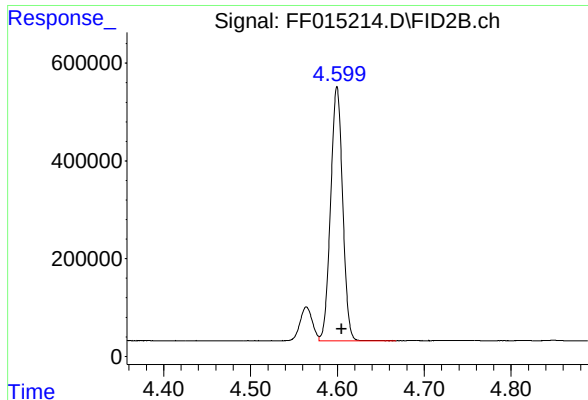
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Integrator: ChemStation

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.: 4.600 min  
Delta R.T.: -0.005 min  
Response: 5001723  
Conc: 34.17 ug/ml

Instrument :

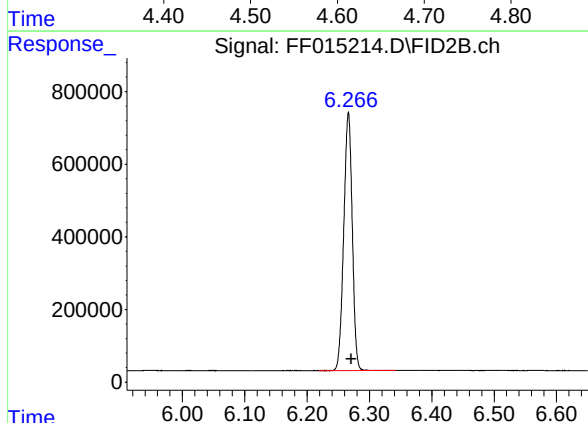
FID\_F

ClientSampleId :

PB165904BSD

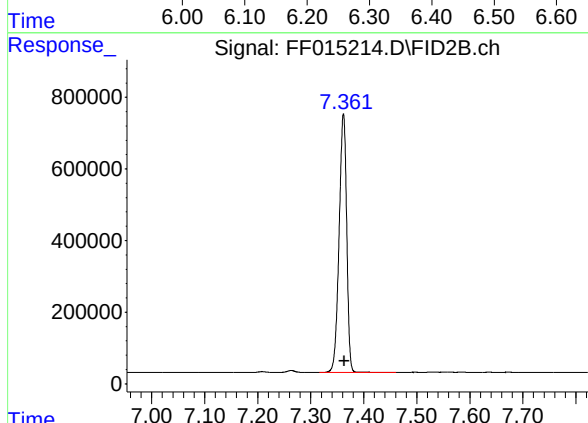
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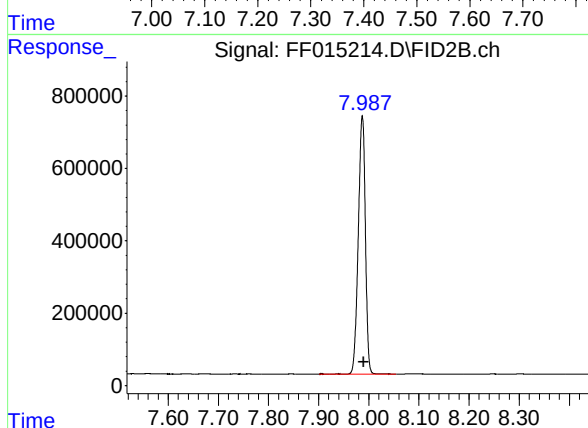
#2 Naphthalene (C11.7)

R.T.: 6.266 min  
Delta R.T.: -0.005 min  
Response: 6742557  
Conc: 44.54 ug/ml



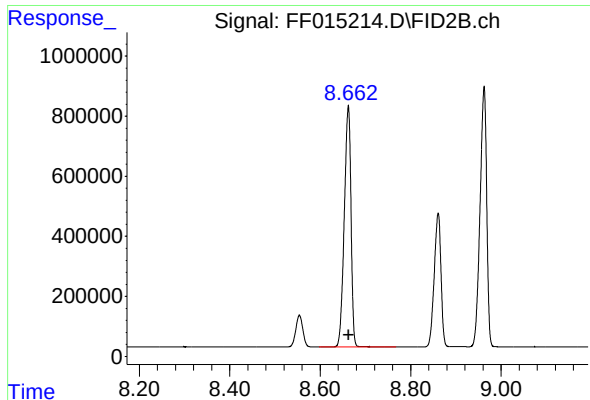
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.362 min  
Delta R.T.: -0.002 min  
Response: 7170840  
Conc: 48.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.987 min  
Delta R.T.: -0.002 min  
Response: 6996229  
Conc: 52.13 ug/ml



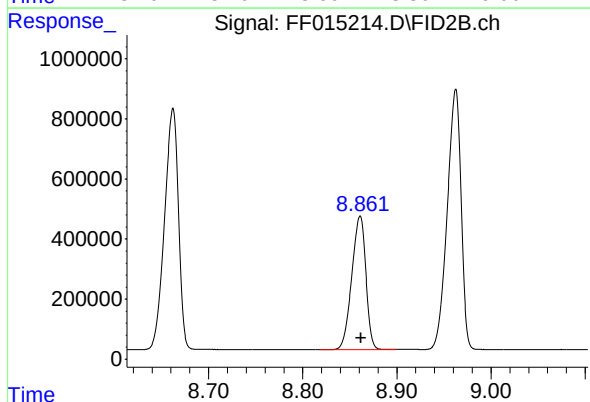
#5 Acenaphthylene (C15.06)

R.T.: 8.662 min  
Delta R.T.: 0.000 min  
Response: 8262927  
Conc: 54.38 ug/ml

Instrument :  
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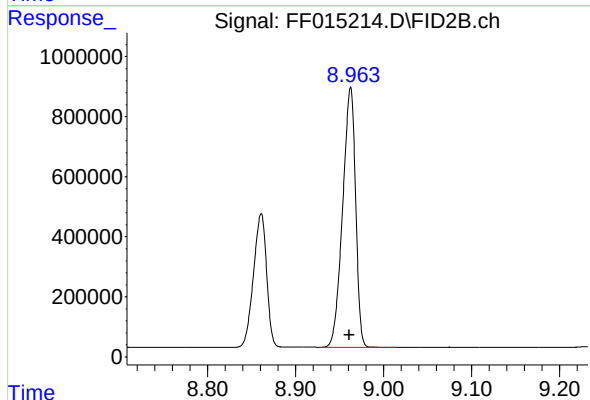
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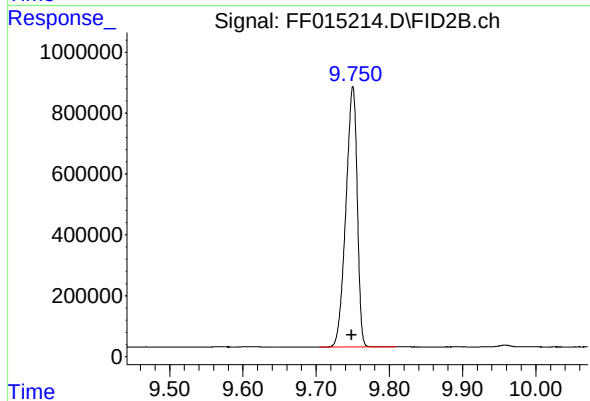
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.861 min  
Delta R.T.: -0.001 min  
Response: 4623731  
Conc: 50.49 ug/ml



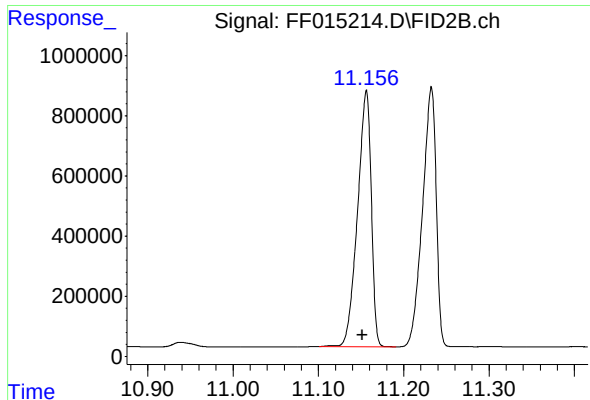
#7 Acenaphthene (C15.5)

R.T.: 8.962 min  
Delta R.T.: 0.001 min  
Response: 8854448  
Conc: 60.24 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.750 min  
Delta R.T.: 0.001 min  
Response: 9204559  
Conc: 61.26 ug/ml



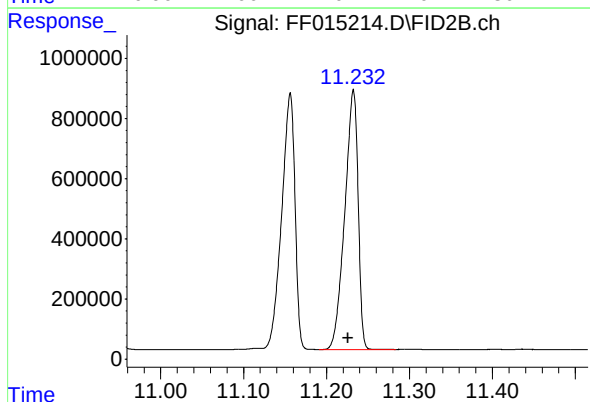
#9 Phenanthrene (C19.36)

R.T.: 11.156 min  
Delta R.T.: 0.004 min  
Response: 9525752  
Conc: 64.87 ug/ml

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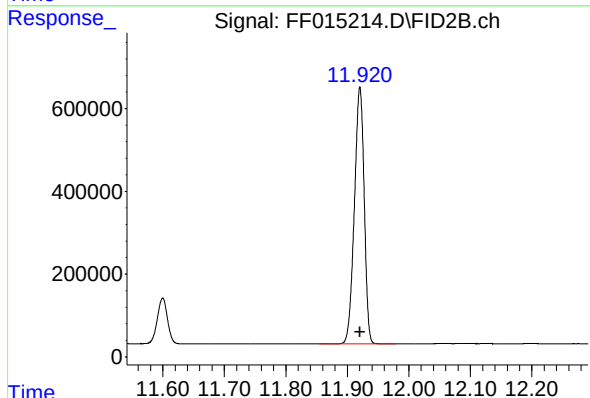
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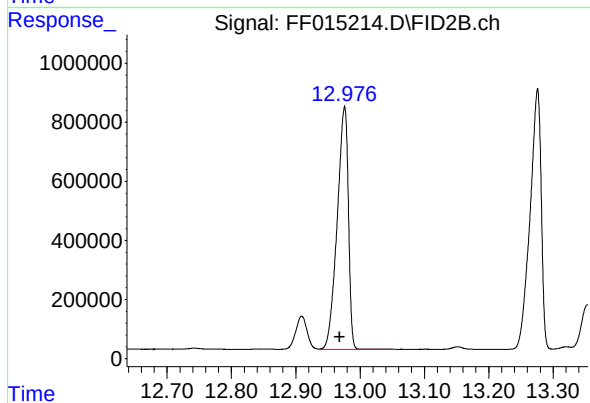
#10 Anthracene (C19.43)

R.T.: 11.232 min  
Delta R.T.: 0.006 min  
Response: 9625283  
Conc: 66.61 ug/ml



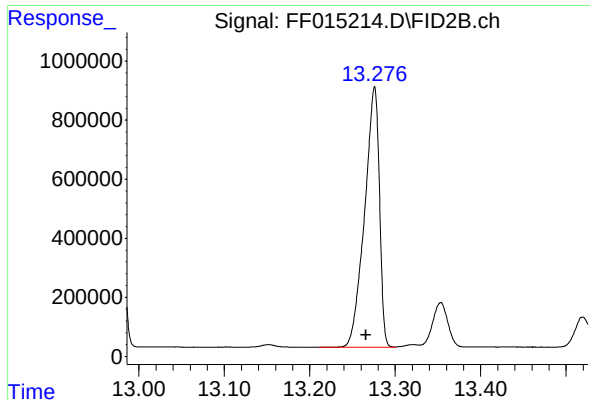
#11 ortho-Terphenyl (SURR)

R.T.: 11.920 min  
Delta R.T.: 0.000 min  
Response: 6858277  
Conc: 45.53 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.975 min  
Delta R.T.: 0.007 min  
Response: 9950060  
Conc: 67.60 ug/ml



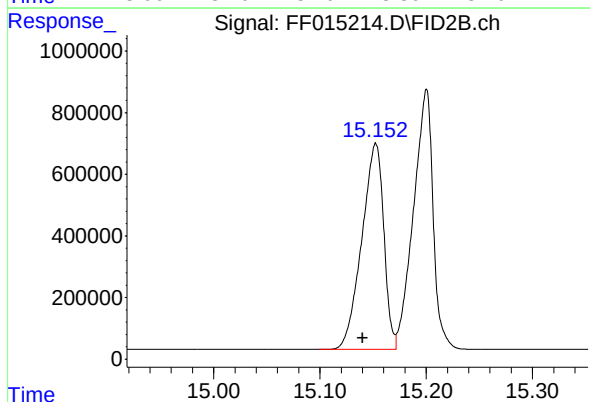
#13 Pyrene (C20.8)

R.T.: 13.275 min  
Delta R.T.: 0.010 min  
Response: 10611588  
Conc: 72.75 ug/ml

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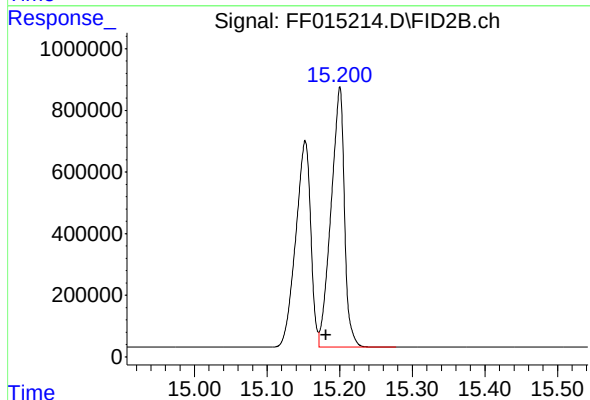
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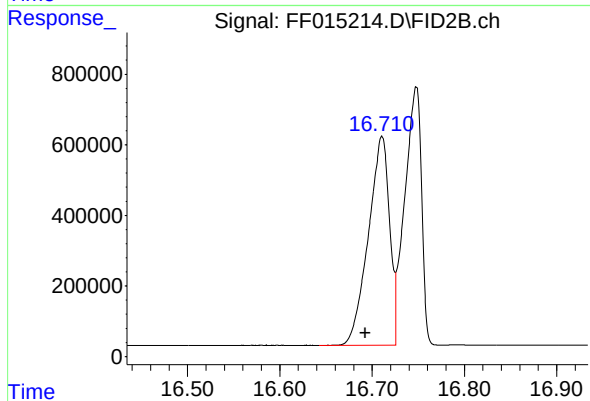
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min  
Delta R.T.: 0.012 min  
Response: 9600022  
Conc: 68.37 ug/ml



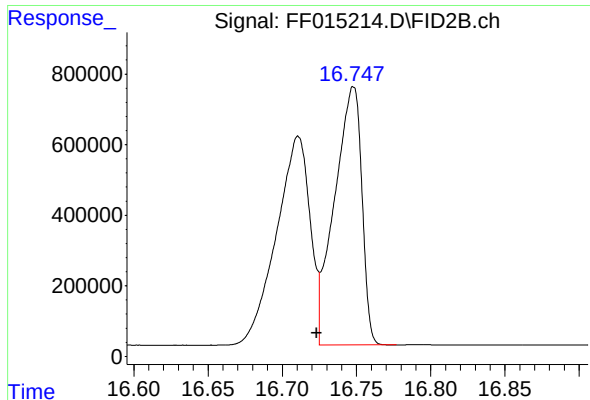
#15 Chrysene (C27.41)

R.T.: 15.200 min  
Delta R.T.: 0.018 min  
Response: 10841349  
Conc: 77.23 ug/ml



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

R.T.: 16.710 min  
Delta R.T.: 0.018 min  
Response: 9441247  
Conc: 68.38 ug/ml



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

R.T.: 16.747 min  
Delta R.T.: 0.024 min  
Response: 9336804  
Conc: 67.84 ug/ml

Instrument :

FID\_F

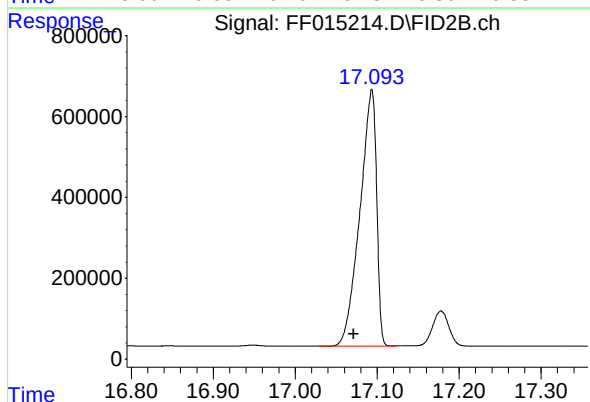
ClientSampleId :

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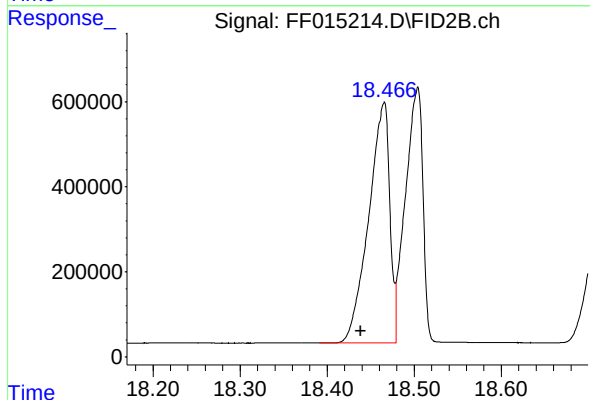
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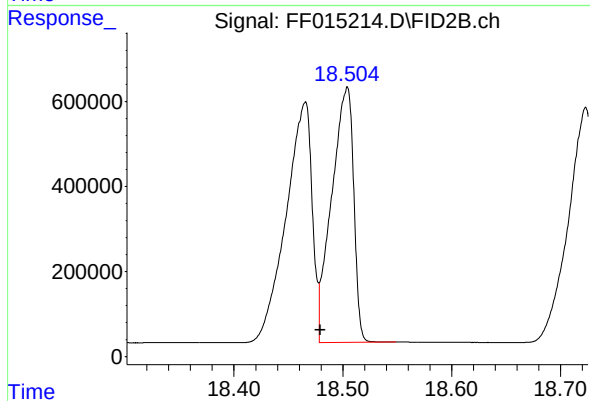
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.093 min  
Delta R.T.: 0.021 min  
Response: 8971158  
Conc: 68.47 ug/ml



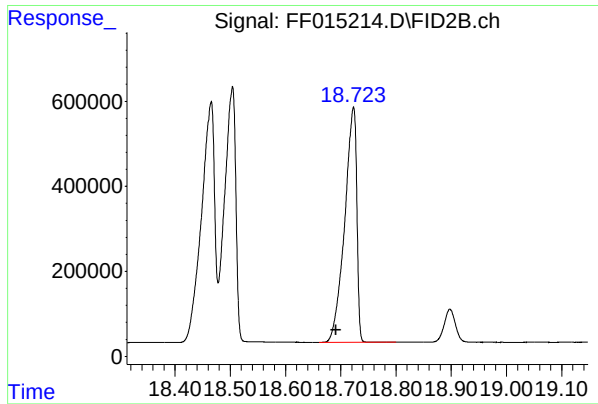
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.464 min  
Delta R.T.: 0.026 min  
Response: 9499197  
Conc: 78.15 ug/ml



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

R.T.: 18.504 min  
Delta R.T.: 0.024 min  
Response: 8409235  
Conc: 62.89 ug/ml m



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

R.T.: 18.722 min  
Delta R.T.: 0.031 min  
Response: 8398081  
Conc: 65.19 ug/ml

Instrument :

FID\_F

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