

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051123AR\  
 Data File : FD045650.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 May 2023 17:22  
 Operator : YP/AJ  
 Sample : PB152725BSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB152725BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/12/2023  
 Supervised By :Ankita Jodhani 05/12/2023

Integration File: autoint1.e  
 Quant Time: May 12 01:10:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 050523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 05 18:09:33 2023  
 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...      | 7.543  | 7357426    | 43.134 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 86.27%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.399  | 4861539    | 42.284 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 84.57%        |
| 11) S ortho-Terphenyl (SURR)       | 11.438 | 7455855    | 35.316 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 70.63%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.351  | 6069083    | 32.513 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.881  | 6992681    | 35.550 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.931  | 7003725    | 35.454 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.203  | 7573389    | 42.153 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.500  | 7940053    | 41.724 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.277  | 7835062    | 41.545 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.669 | 8059328    | 43.359 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.745 | 8127345    | 45.462 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.474 | 8164573    | 45.259 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.770 | 8201504    | 46.796 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.634 | 7697760    | 48.362 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.679 | 7552245    | 46.510 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.178 | 7505706    | 50.963 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.215 | 7334454    | 50.725 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.553 | 6521769    | 46.776 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.910 | 6194967    | 48.759 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.953 | 6370514    | 49.603 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.166 | 6347179    | 49.346 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 58 Sample Multiplier: 1

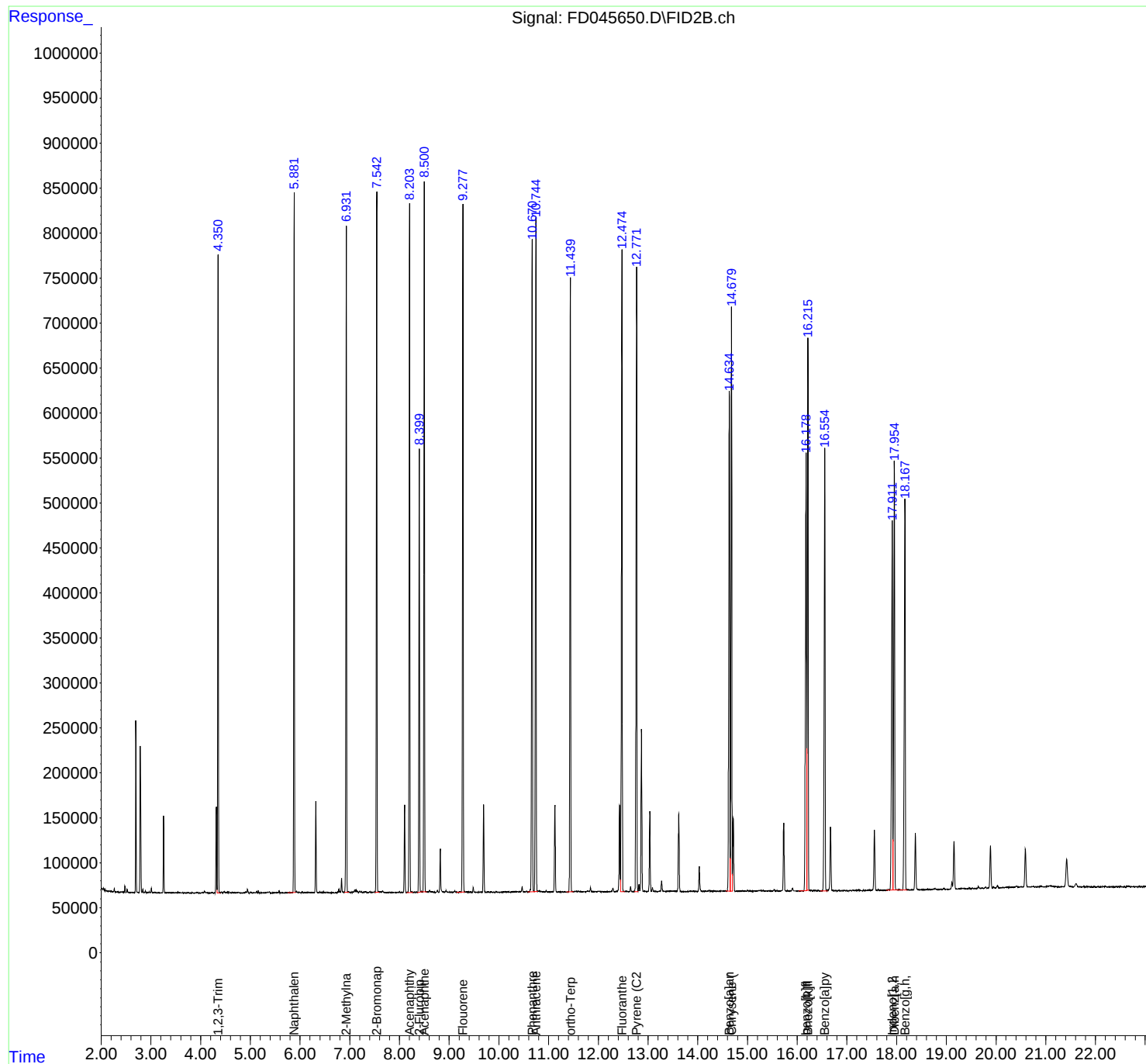
Instrument :  
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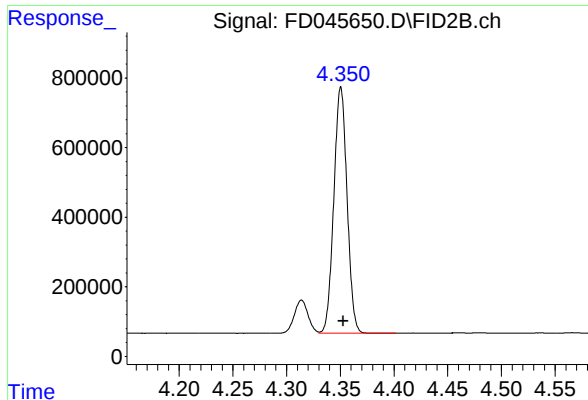
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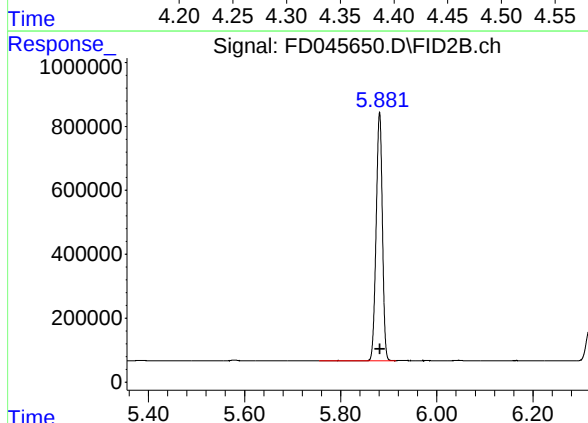
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.351 min  
Delta R.T.: -0.002 min  
Response: 6069083  
Conc: 32.51 ug/ml

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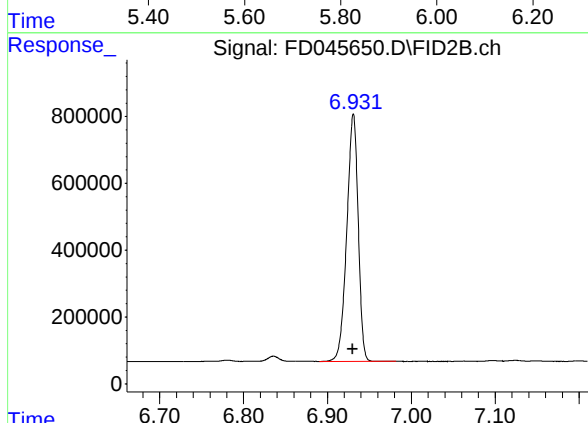
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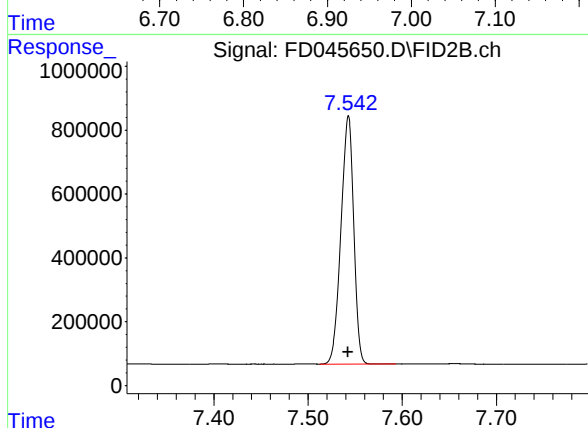
#2 Naphthalene (C11.7)

R.T.: 5.881 min  
Delta R.T.: -0.001 min  
Response: 6992681  
Conc: 35.55 ug/ml



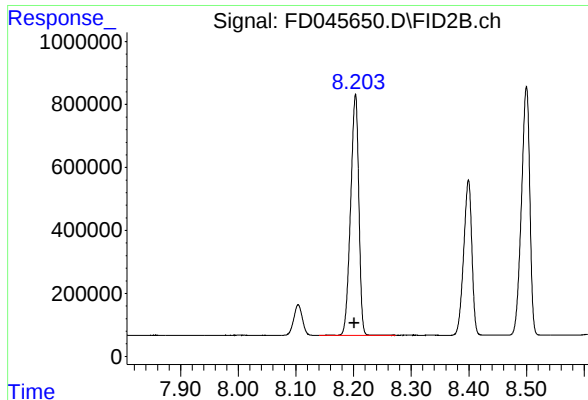
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 7003725  
Conc: 35.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.543 min  
Delta R.T.: 0.000 min  
Response: 7357426  
Conc: 43.13 ug/ml



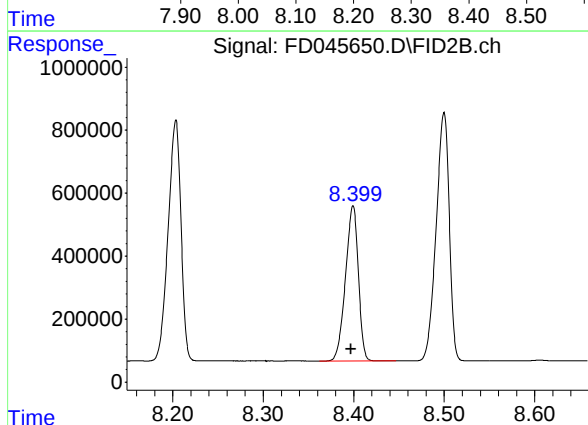
#5 Acenaphthylene (C15.06)

R.T.: 8.203 min  
Delta R.T.: 0.002 min  
Response: 7573389  
Conc: 42.15 ug/ml

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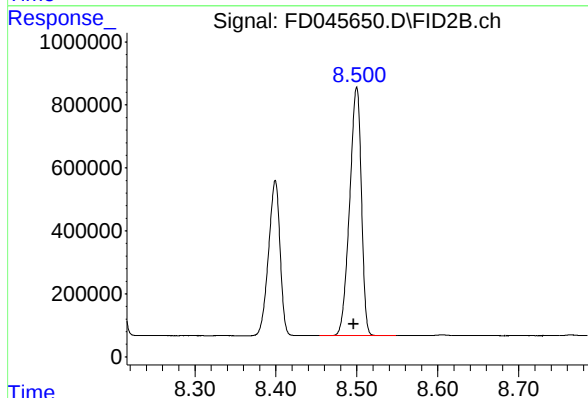
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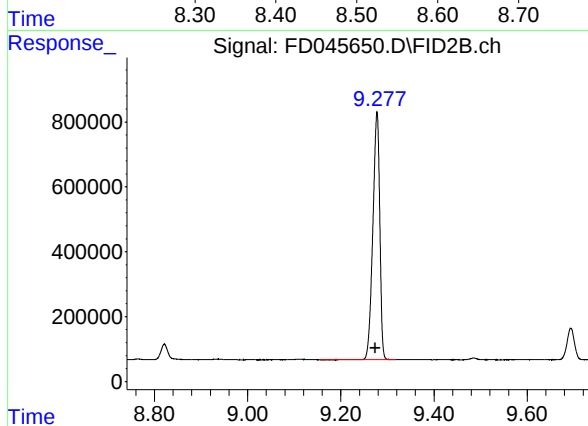
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min  
Delta R.T.: 0.002 min  
Response: 4861539  
Conc: 42.28 ug/ml



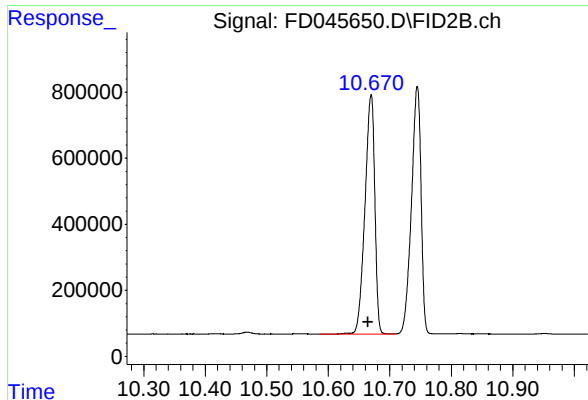
#7 Acenaphthene (C15.5)

R.T.: 8.500 min  
Delta R.T.: 0.004 min  
Response: 7940053  
Conc: 41.72 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.277 min  
Delta R.T.: 0.003 min  
Response: 7835062  
Conc: 41.54 ug/ml



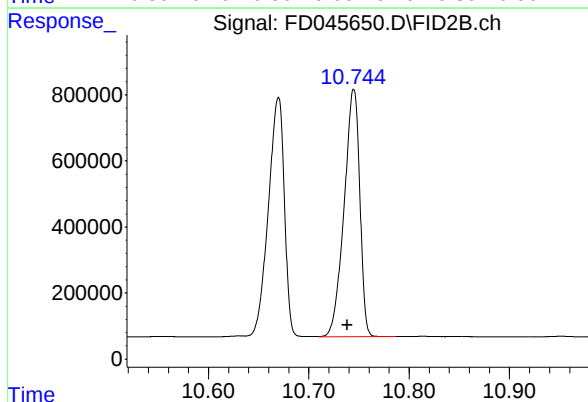
#9 Phenanthrene (C19.36)

R.T.: 10.669 min  
Delta R.T.: 0.005 min  
Response: 8059328  
Conc: 43.36 ug/ml

Instrument :  
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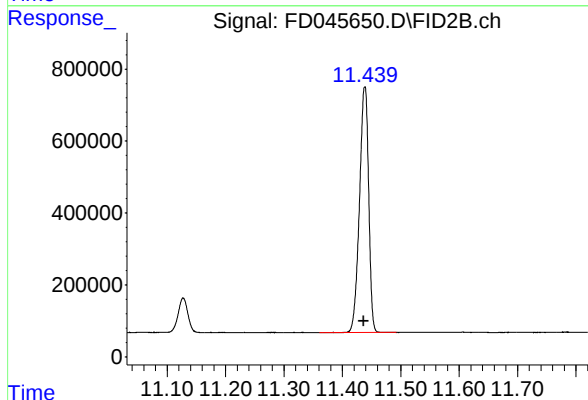
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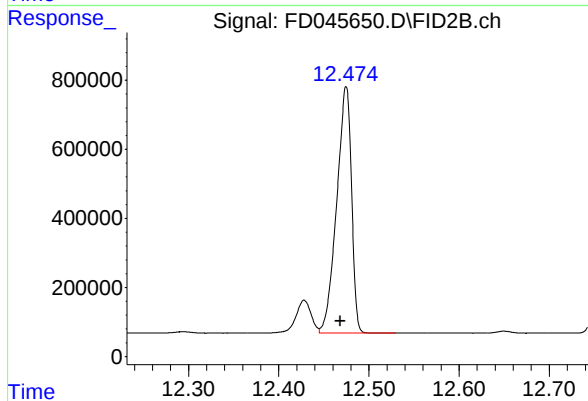
#10 Anthracene (C19.43)

R.T.: 10.745 min  
Delta R.T.: 0.006 min  
Response: 8127345  
Conc: 45.46 ug/ml



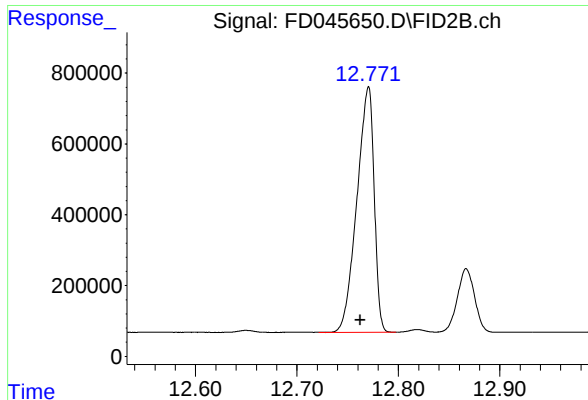
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min  
Delta R.T.: 0.002 min  
Response: 7455855  
Conc: 35.32 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.474 min  
Delta R.T.: 0.006 min  
Response: 8164573  
Conc: 45.26 ug/ml



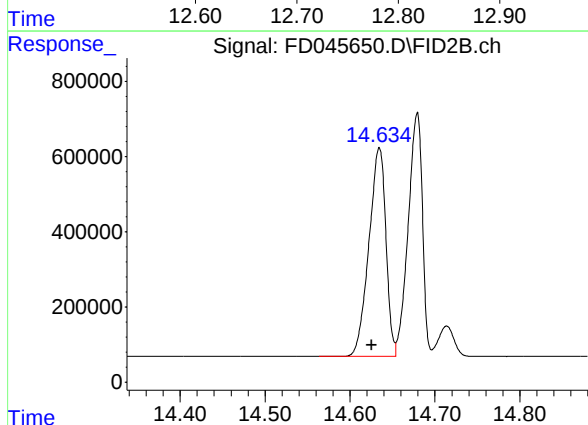
#13 Pyrene (C20.8)

R.T.: 12.770 min  
Delta R.T.: 0.007 min  
Response: 8201504  
Conc: 46.80 ug/ml

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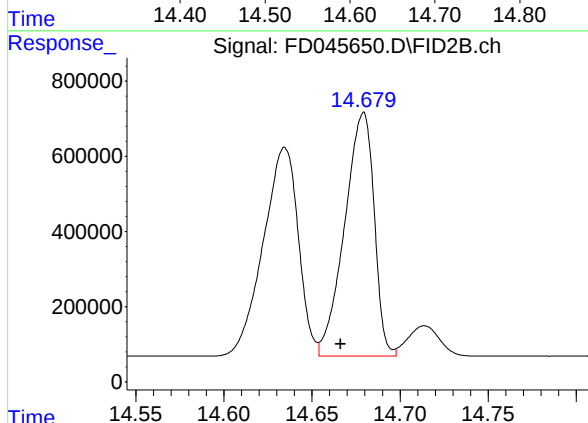
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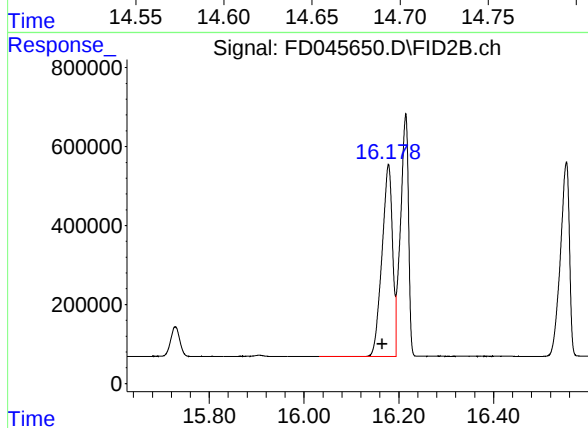
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min  
Delta R.T.: 0.009 min  
Response: 7697760  
Conc: 48.36 ug/ml



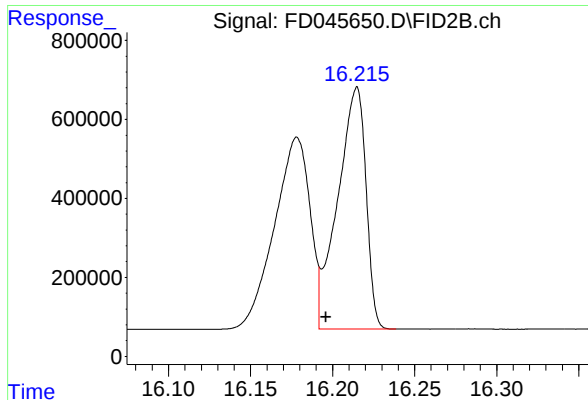
#15 Chrysene (C27.41)

R.T.: 14.679 min  
Delta R.T.: 0.013 min  
Response: 7552245  
Conc: 46.51 ug/ml



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

R.T.: 16.178 min  
Delta R.T.: 0.012 min  
Response: 7505706  
Conc: 50.96 ug/ml



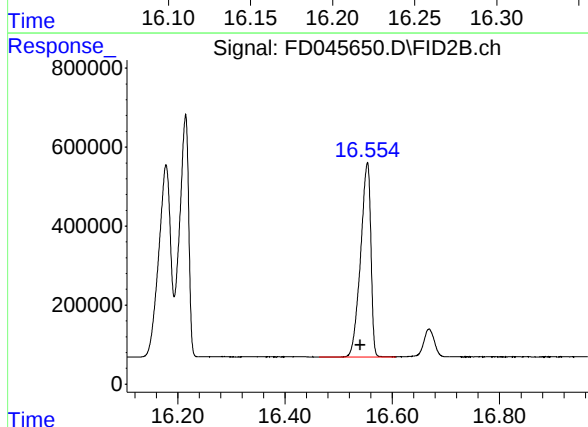
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.215 min  
Delta R.T.: 0.019 min  
Response: 7334454  
Conc: 50.73 ug/ml

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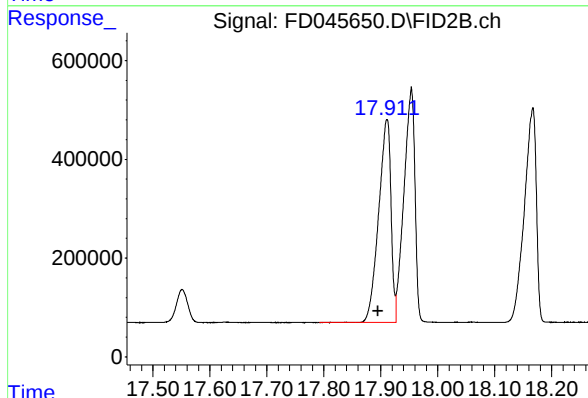
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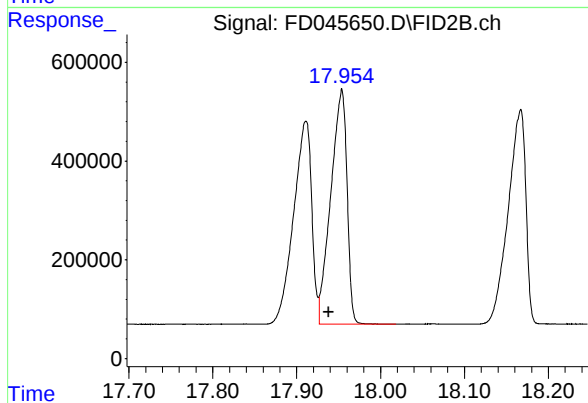
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.553 min  
Delta R.T.: 0.012 min  
Response: 6521769  
Conc: 46.78 ug/ml



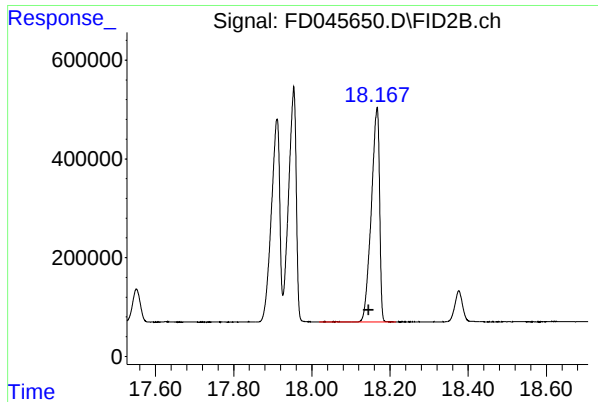
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.910 min  
Delta R.T.: 0.015 min  
Response: 6194967  
Conc: 48.76 ug/ml



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

R.T.: 17.953 min  
Delta R.T.: 0.015 min  
Response: 6370514  
Conc: 49.60 ug/ml



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

R.T.: 18.166 min  
Delta R.T.: 0.020 min  
Response: 6347179  
Conc: 49.35 ug/ml

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