

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101422AR\  
 Data File : FD044139.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Oct 2022 23:34  
 Operator : YP/AJ  
 Sample : N5115-01MS  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 WASTEMS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/17/2022  
 Supervised By :Ankita Jodhani 10/17/2022

Integration File: autoint1.e  
 Quant Time: Oct 15 15:38:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101322.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 14 01:33:37 2022  
 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...      | 7.417  | 5974768    | 48.123 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 96.25%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.271  | 2642194    | 35.090 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 70.18%        |
| 11) S ortho-Terphenyl (SURR)       | 11.304 | 5166525    | 30.524 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 61.05%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.228  | 3275040    | 23.203 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.758  | 4113757    | 30.007 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.803  | 4408464    | 31.098 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.073  | 5097576    | 36.338 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.366  | 5334425    | 34.304 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.146  | 5525519    | 39.277 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.538 | 5931707    | 44.046 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.615 | 5919441    | 44.053 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.344 | 6367016    | 47.675 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.640 | 6114166    | 48.406 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.507 | 5579492    | 52.529 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.550 | 5881467    | 44.866 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.054 | 5494753    | 48.961 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.087 | 5348749    | 42.041 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.433 | 4933991    | 42.461 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.798 | 5112576    | 47.956 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.833 | 5155489    | 41.672 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.051 | 5277312    | 44.953 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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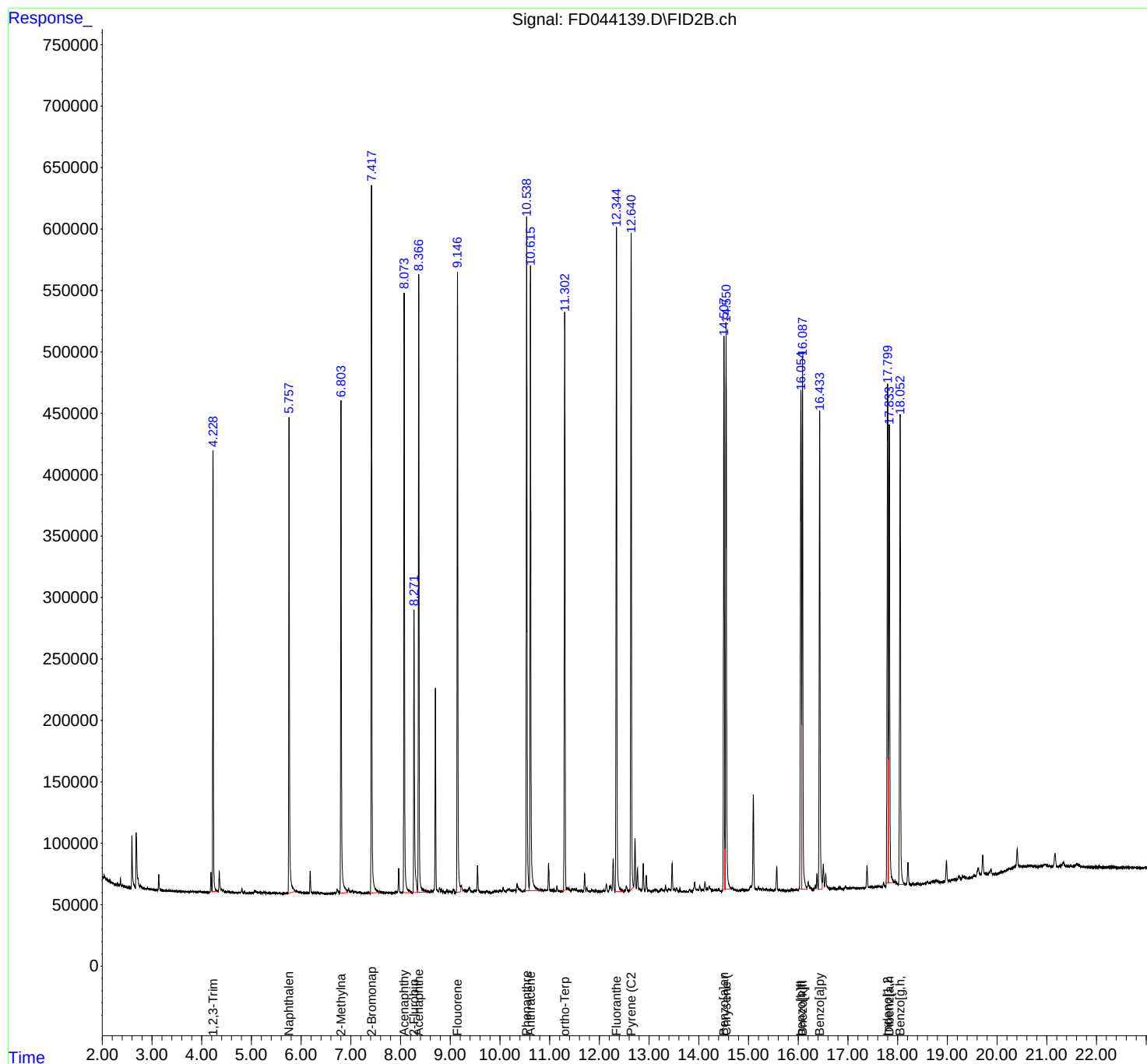
Instrument :  
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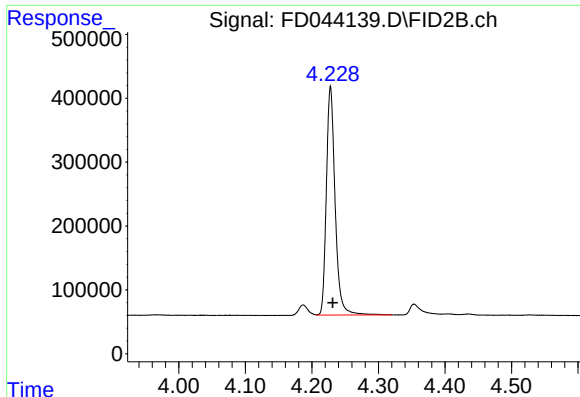
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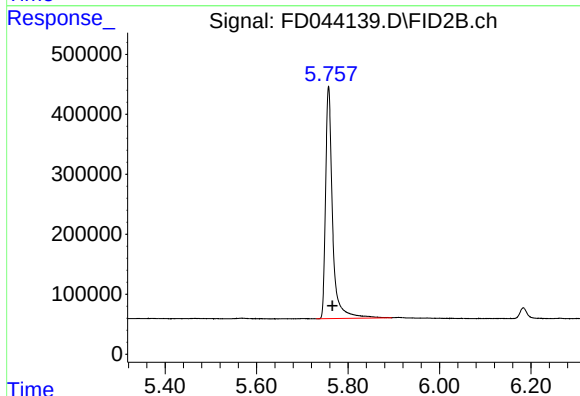
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.228 min  
Delta R.T.: -0.003 min  
Response: 3275040  
Conc: 23.20 ug/ml

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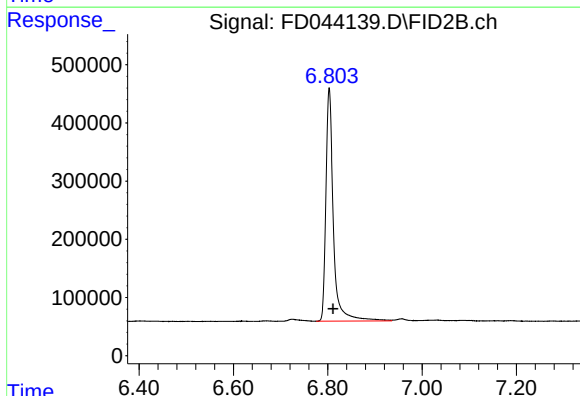
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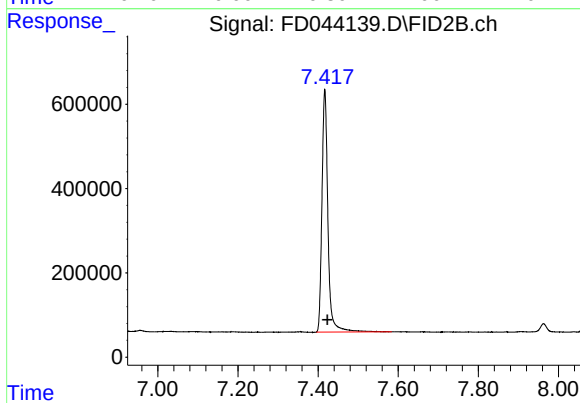
#2 Naphthalene (C11.7)

R.T.: 5.758 min  
Delta R.T.: -0.008 min  
Response: 4113757  
Conc: 30.01 ug/ml



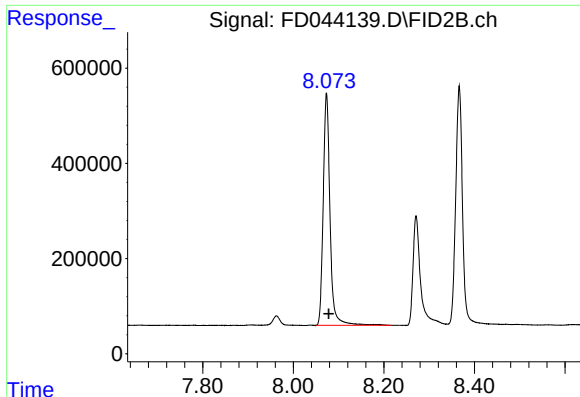
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.803 min  
Delta R.T.: -0.008 min  
Response: 4408464  
Conc: 31.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.417 min  
Delta R.T.: -0.007 min  
Response: 5974768  
Conc: 48.12 ug/ml



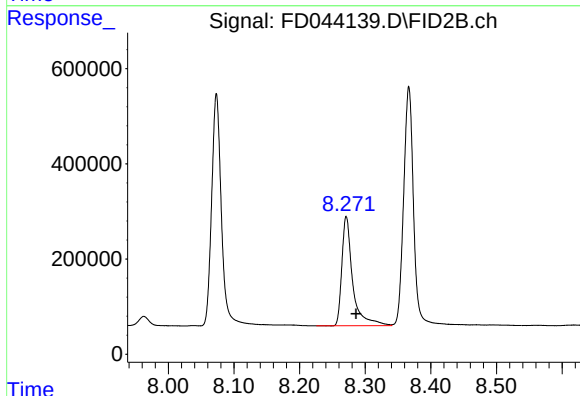
#5 Acenaphthylene (C15.06)

R.T.: 8.073 min  
Delta R.T.: -0.005 min  
Response: 5097576  
Conc: 36.34 ug/ml

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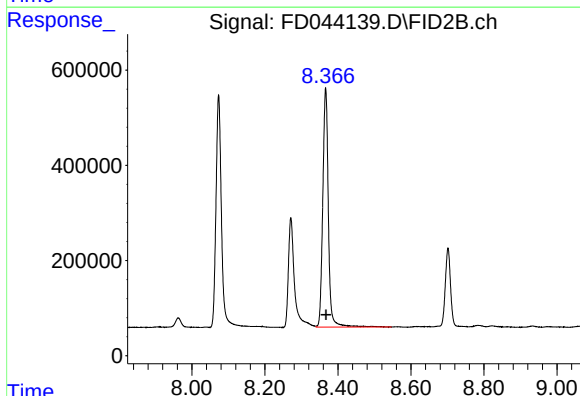
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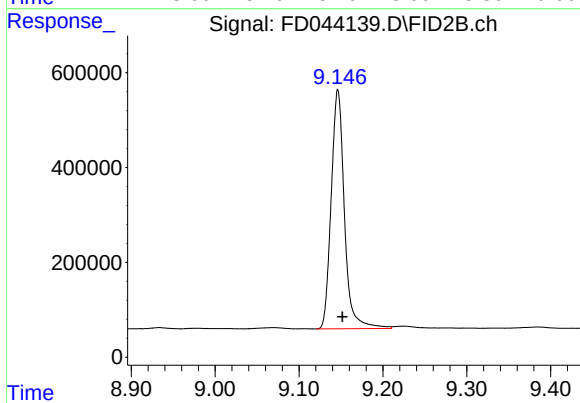
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.271 min  
Delta R.T.: -0.014 min  
Response: 2642194  
Conc: 35.09 ug/ml



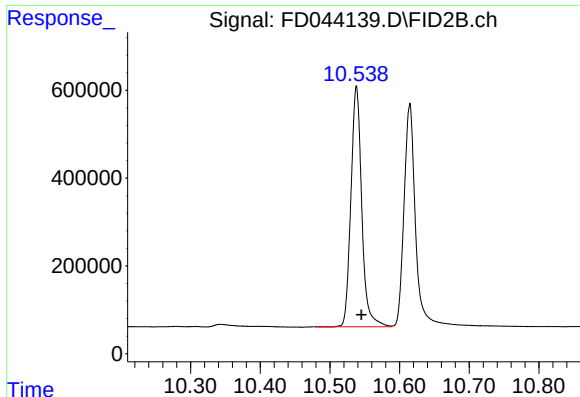
#7 Acenaphthene (C15.5)

R.T.: 8.366 min  
Delta R.T.: -0.001 min  
Response: 5334425  
Conc: 34.30 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.146 min  
Delta R.T.: -0.006 min  
Response: 5525519  
Conc: 39.28 ug/ml



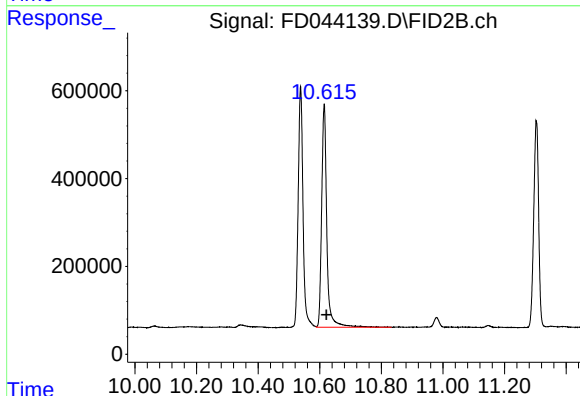
#9 Phenanthrene (C19.36)

R.T.: 10.538 min  
Delta R.T.: -0.007 min  
Response: 5931707  
Conc: 44.05 ug/ml

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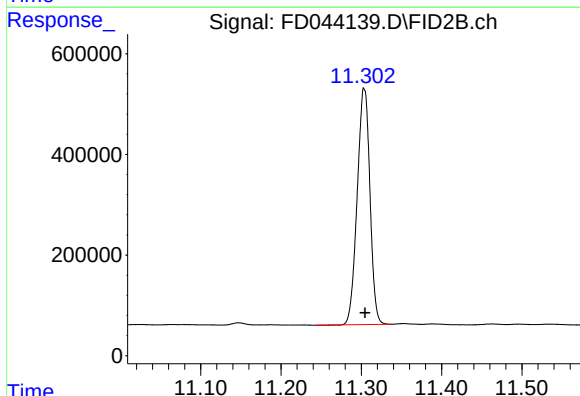
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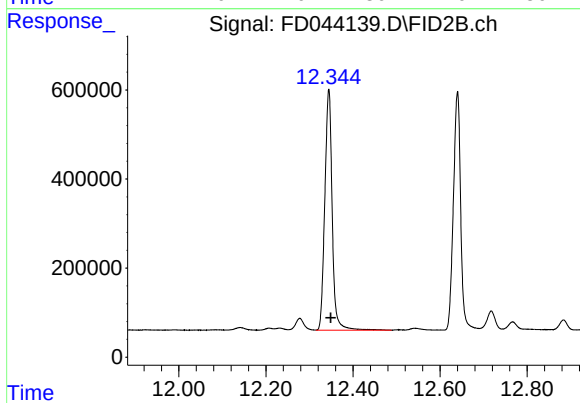
#10 Anthracene (C19.43)

R.T.: 10.615 min  
Delta R.T.: -0.007 min  
Response: 5919441  
Conc: 44.05 ug/ml



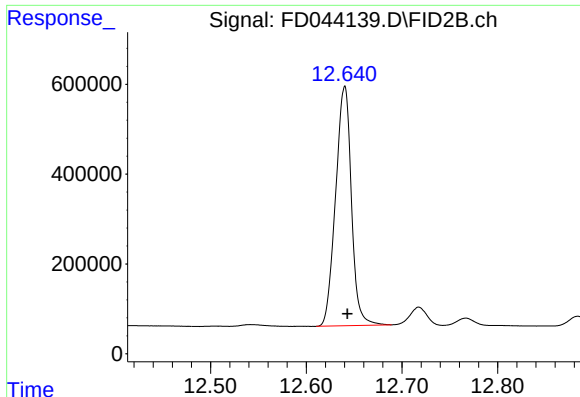
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min  
Delta R.T.: 0.000 min  
Response: 5166525  
Conc: 30.52 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.344 min  
Delta R.T.: -0.004 min  
Response: 6367016  
Conc: 47.68 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.640 min  
Delta R.T.: -0.003 min  
Response: 6114166  
Conc: 48.41 ug/ml

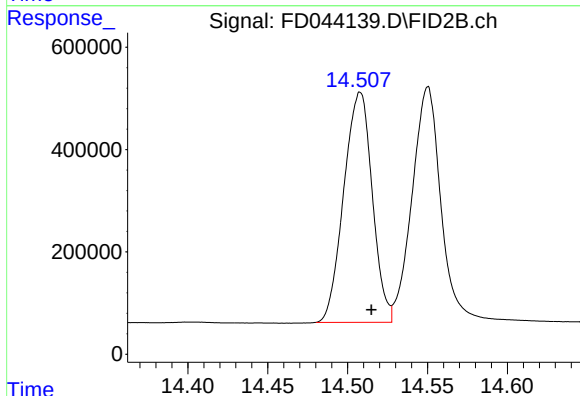
Instrument :

FID\_D

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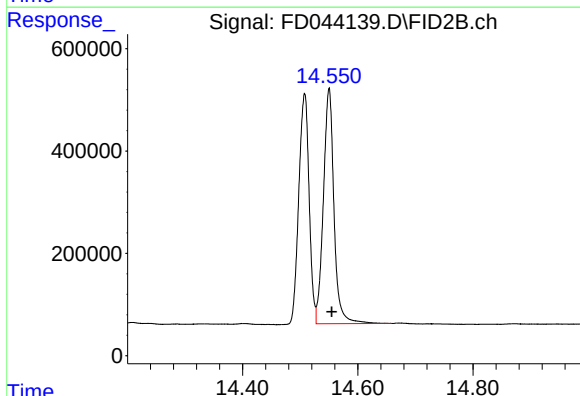
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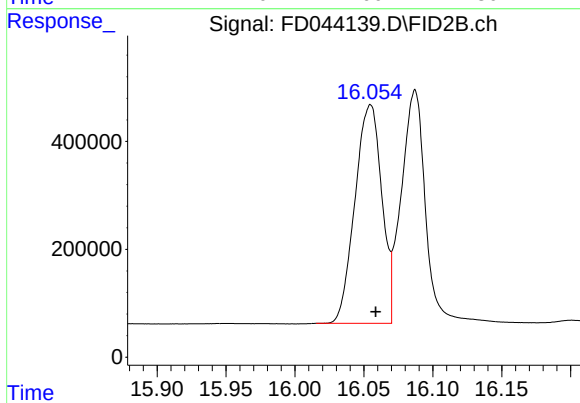
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min  
Delta R.T.: -0.007 min  
Response: 5579492  
Conc: 52.53 ug/ml



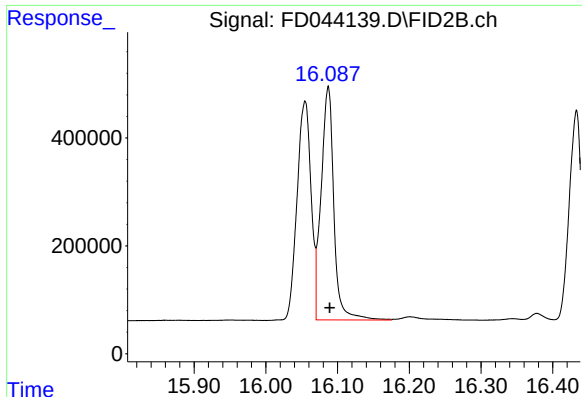
#15 Chrysene (C27.41)

R.T.: 14.550 min  
Delta R.T.: -0.005 min  
Response: 5881467  
Conc: 44.87 ug/ml



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

R.T.: 16.054 min  
Delta R.T.: -0.004 min  
Response: 5494753  
Conc: 48.96 ug/ml



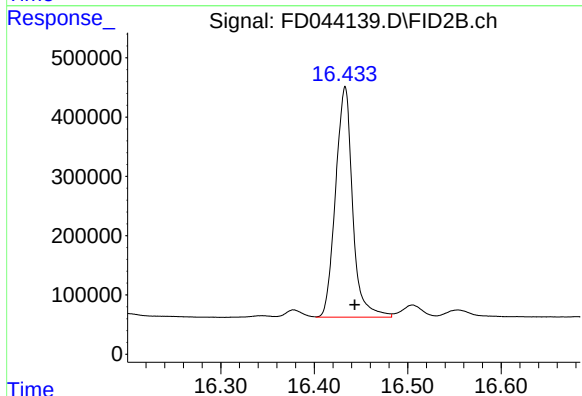
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.087 min  
Delta R.T.: -0.002 min  
Response: 5348749  
Conc: 42.04 ug/ml

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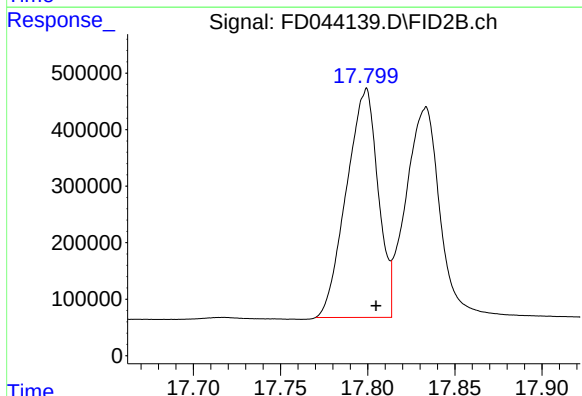
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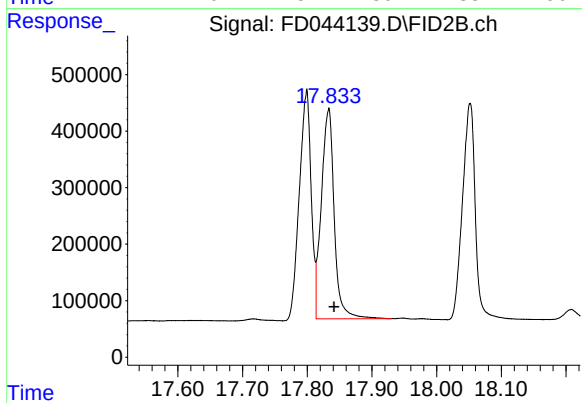
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.433 min  
Delta R.T.: -0.011 min  
Response: 4933991  
Conc: 42.46 ug/ml



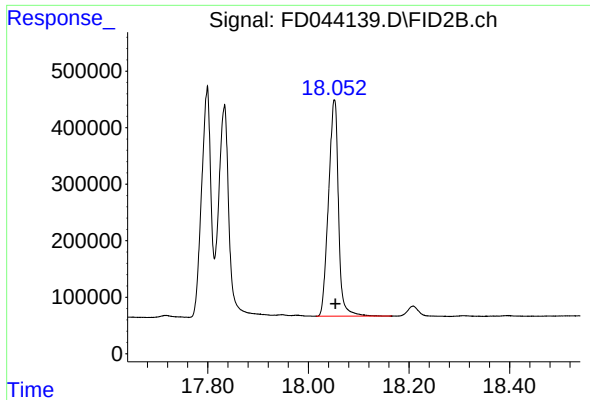
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min  
Delta R.T.: -0.006 min  
Response: 5112576  
Conc: 47.96 ug/ml



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

R.T.: 17.833 min  
Delta R.T.: -0.009 min  
Response: 5155489  
Conc: 41.67 ug/ml



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

R.T.: 18.051 min  
Delta R.T.: -0.002 min  
Response: 5277312  
Conc: 44.95 ug/ml

Instrument :

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ClientSampleId :

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