

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051923AR\  
 Data File : FD045708.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 May 2023 13:09  
 Operator : YP/AJ  
 Sample : 02837-01MSD  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 WASTE-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/22/2023  
 Supervised By :Ankita Jodhani 05/22/2023

Integration File: autoint1.e  
 Quant Time: May 21 04:46:44 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...      | 7.557   | 11098727   | 65.067 ug/mlm  |
| Spiked Amount 50.000               |         | Recovery = | 130.13%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.423   | 9720595    | 84.546 ug/mlm  |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 169.09%#       |
| 11) S ortho-Terphenyl (SURR)       | 11.478  | 15166296   | 71.837 ug/mlm  |
| Spiked Amount 50.000               |         | Recovery = | 143.67%        |
|                                    |         |            |                |
| Target Compounds                   |         |            |                |
| 1) T 1,2,3-Trimethylbenzen...      | 4.351   | 6211384    | 33.276 ug/ml   |
| 2) T Naphthalene (C11.7)           | 5.886   | 8220324    | 41.791 ug/mlm  |
| 3) T 2-Methylnaphthalene (...)     | 6.945   | 15942568   | 80.703 ug/mlm  |
| 5) T Acenaphthylene (C15.06)       | 8.226   | 15280599   | 85.051 ug/mlm  |
| 7) T Acenaphthene (C15.5)          | 8.521   | 8279160    | 43.506 ug/mlm  |
| 8) T Fluorene (C16.55)             | 9.311   | 7099743    | 37.646 ug/mlm  |
| 9) T Phenanthrene (C19.36)         | 10.713  | 11466817   | 61.691 ug/mlm  |
| 10) T Anthracene (C19.43)          | 10.792  | 19332434   | 108.140 ug/mlm |
| 12) T Fluoranthene (C21.85)        | 12.529f | 14483211   | 80.285 ug/mlm  |
| 13) T Pyrene (C20.8)               | 12.820f | 14364592   | 81.962 ug/mlm  |
| 14) T Benzo[a]anthracene (C...     | 14.658  | 7502408    | 47.134 ug/mlm  |
| 15) T Chrysene (C27.41)            | 14.703  | 7823296    | 48.179 ug/mlm  |
| 16) T benzo[b]fluoranthene ...     | 16.189  | 7276127    | 49.404 ug/mlm  |
| 17) T Bnezo[k]fluoranthene ...     | 16.222  | 6855596    | 47.414 ug/mlm  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.560  | 6253738    | 44.853 ug/ml   |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.915  | 6424042    | 50.562 ug/ml   |
| 20) T Dibenz[a,h]anthracene...     | 17.957  | 6671365    | 51.945 ug/ml   |
| 21) T Benzo[g,h,i]perylene ...     | 18.171  | 6486299    | 50.428 ug/ml   |
| -----                              |         |            |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : 02837-01MSD  
Misc :  
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## Instrument :

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WASTE-1MSD

## Manual Integrations

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Integration File: autoint1.e

Quant Time: May 21 04:46:44 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

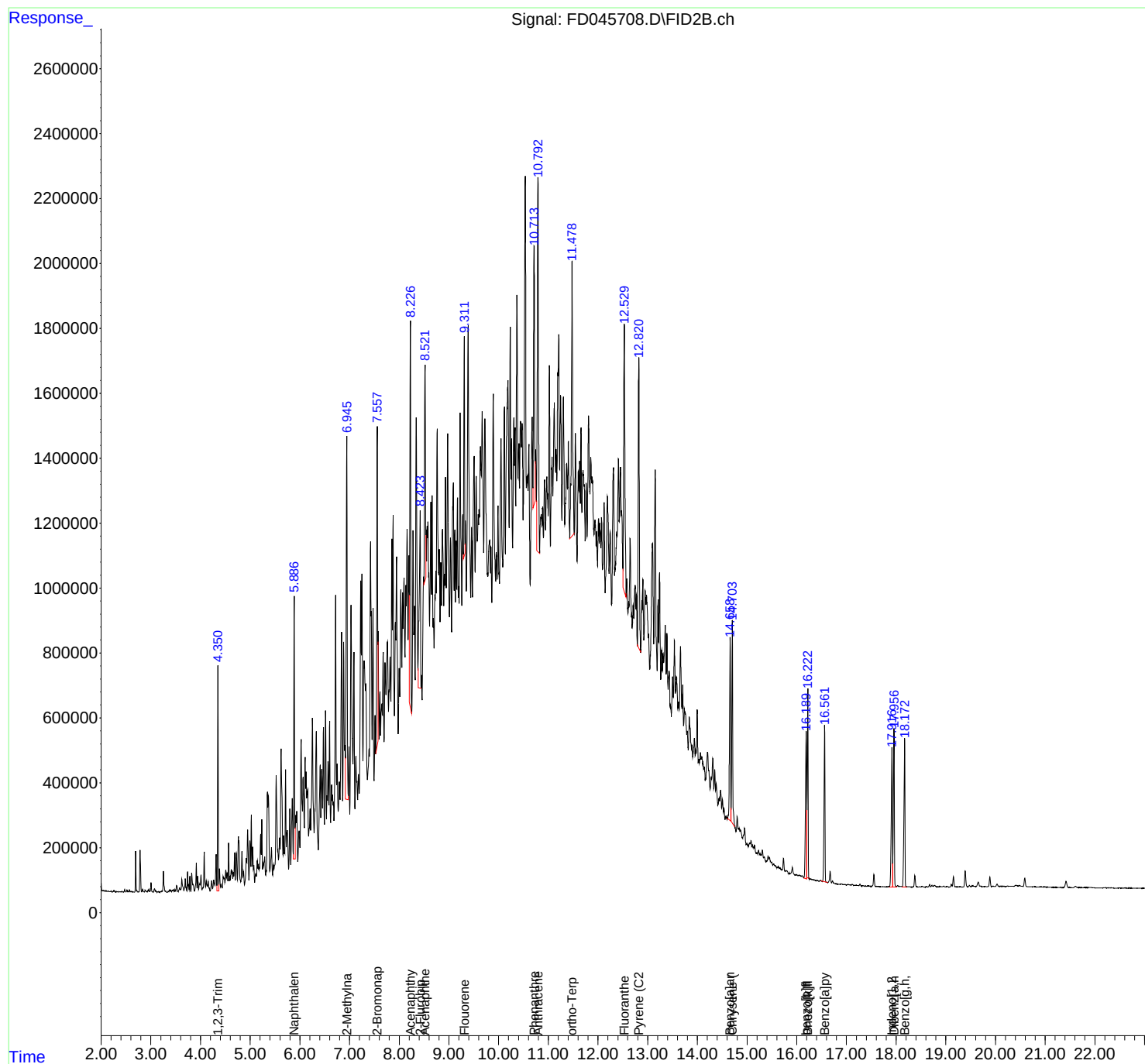
Response via : Initial Calibration

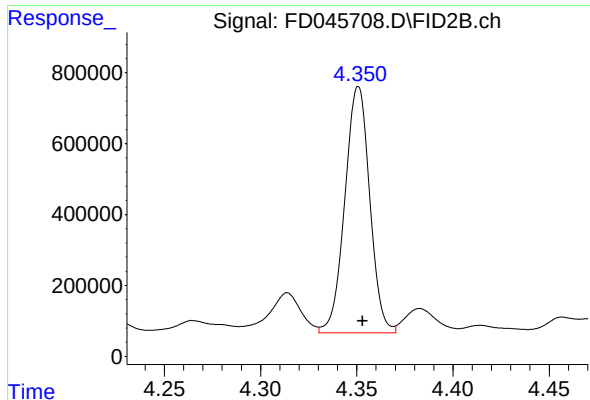
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





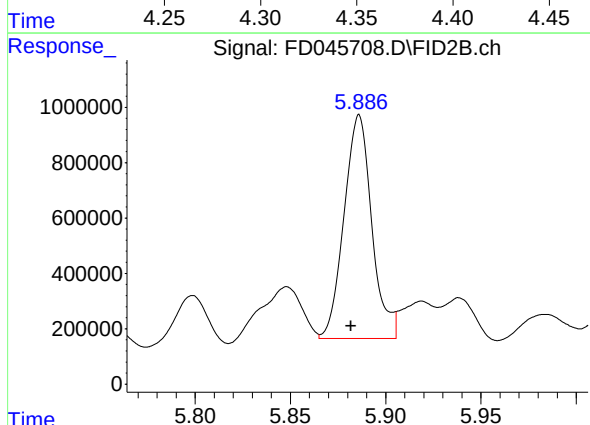
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.351 min  
Delta R.T.: -0.002 min  
Response: 6211384  
Conc: 33.28 ug/ml

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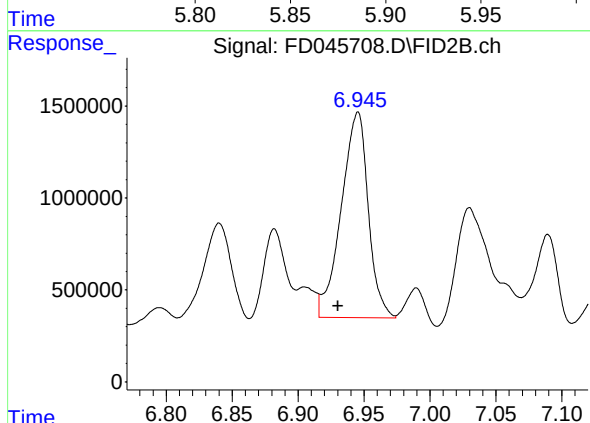
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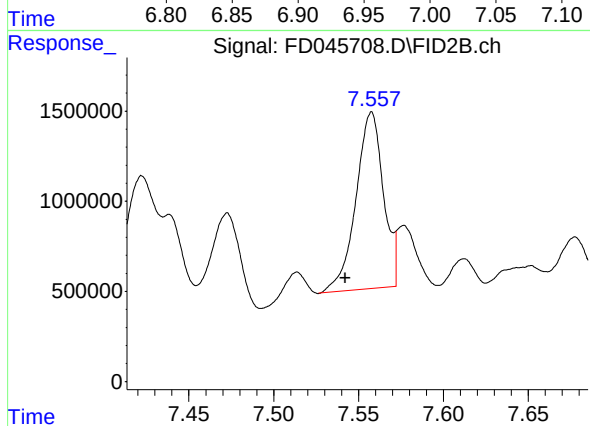
#2 Naphthalene (C11.7)

R.T.: 5.886 min  
Delta R.T.: 0.004 min  
Response: 8220324  
Conc: 41.79 ug/ml



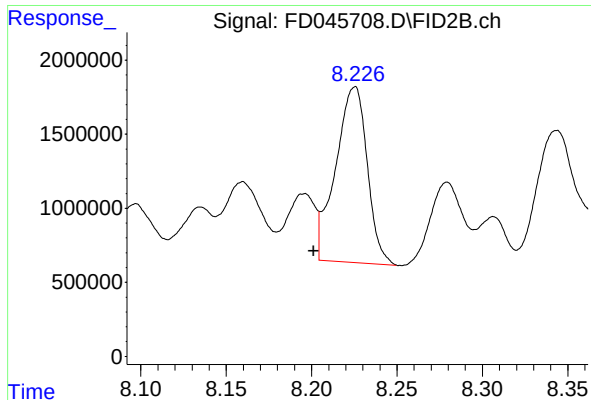
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min  
Delta R.T.: 0.015 min  
Response: 15942568  
Conc: 80.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.557 min  
Delta R.T.: 0.015 min  
Response: 11098727  
Conc: 65.07 ug/ml



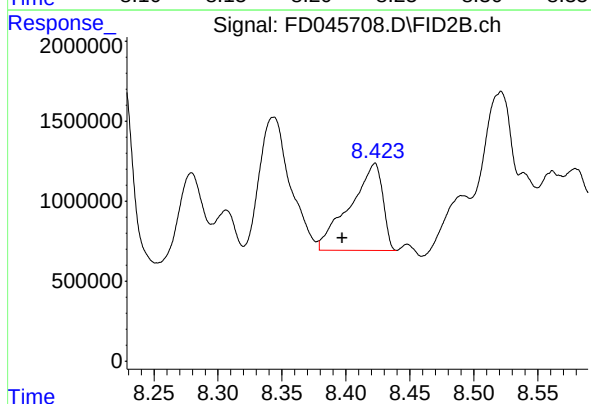
#5 Acenaphthylene (C15.06)

R.T.: 8.226 min  
Delta R.T.: 0.024 min  
Response: 15280599  
Conc: 85.05 ug/ml

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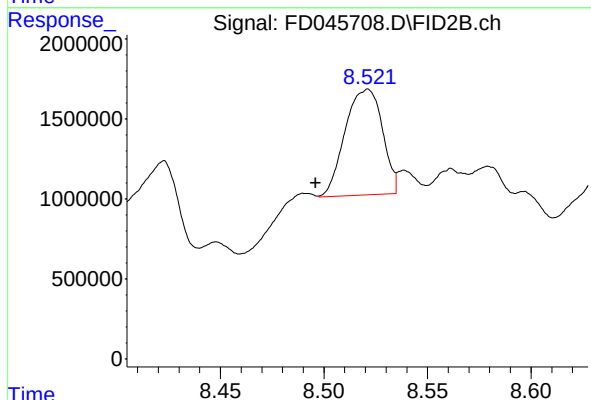
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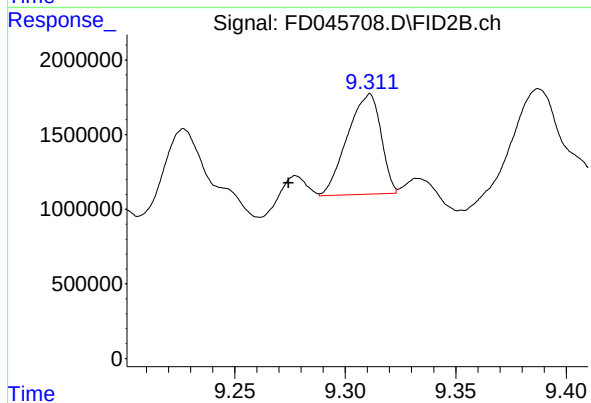
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.423 min  
Delta R.T.: 0.026 min  
Response: 9720595  
Conc: 84.55 ug/ml m



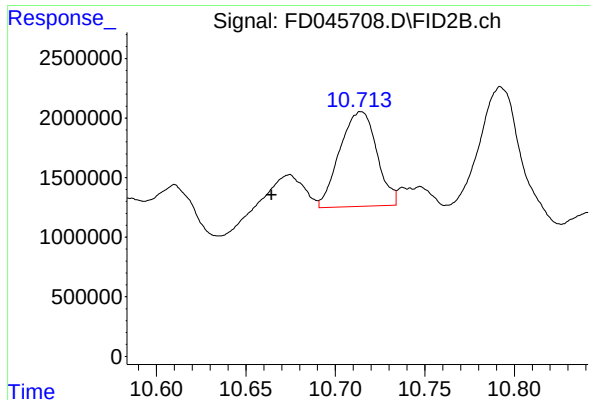
#7 Acenaphthene (C15.5)

R.T.: 8.521 min  
Delta R.T.: 0.025 min  
Response: 8279160  
Conc: 43.51 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.311 min  
Delta R.T.: 0.036 min  
Response: 7099743  
Conc: 37.65 ug/ml m



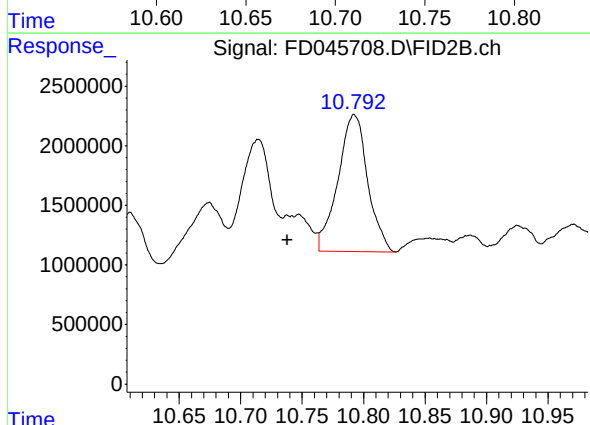
#9 Phenanthrene (C19.36)

R.T.: 10.713 min  
Delta R.T.: 0.049 min  
Response: 11466817  
Conc: 61.69 ug/ml

Instrument :  
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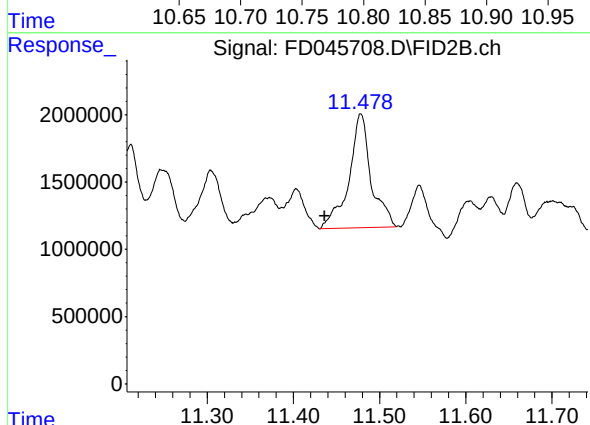
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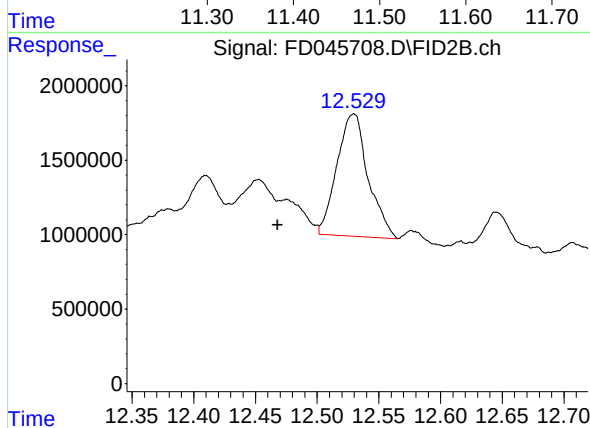
#10 Anthracene (C19.43)

R.T.: 10.792 min  
Delta R.T.: 0.054 min  
Response: 19332434  
Conc: 108.14 ug/ml m



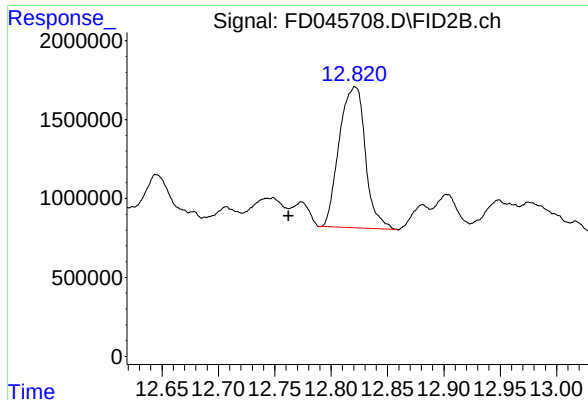
#11 ortho-Terphenyl (SURRE)

R.T.: 11.478 min  
Delta R.T.: 0.042 min  
Response: 15166296  
Conc: 71.84 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.529 min  
Delta R.T.: 0.061 min  
Response: 14483211  
Conc: 80.29 ug/ml m



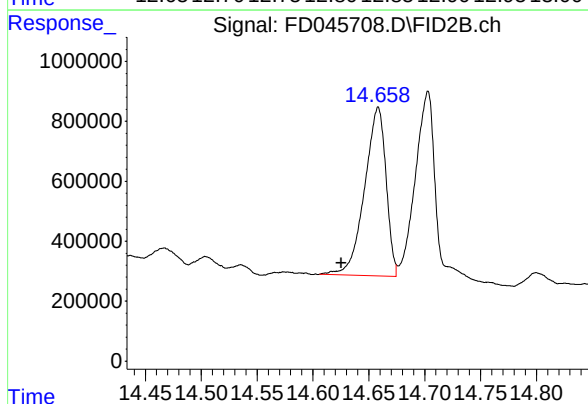
#13 Pyrene (C20.8)

R.T.: 12.820 min  
Delta R.T.: 0.058 min  
Response: 14364592  
Conc: 81.96 ug/ml

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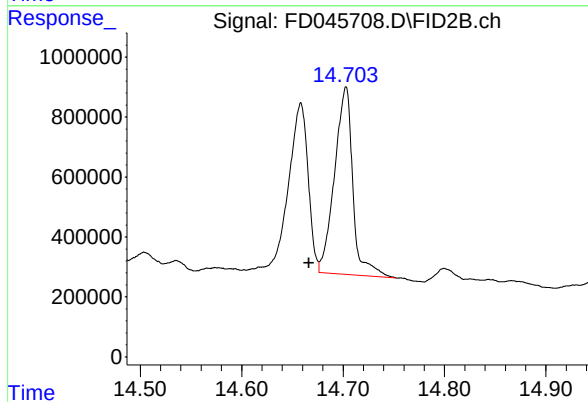
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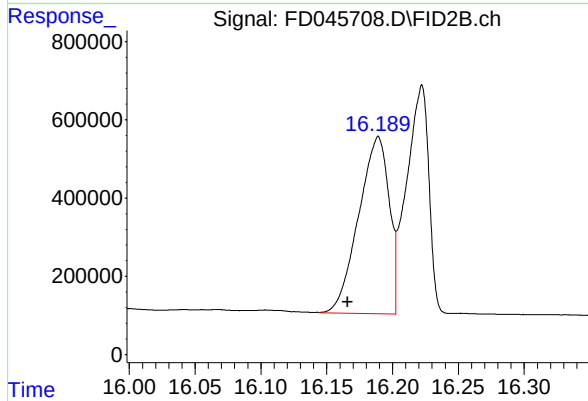
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.658 min  
Delta R.T.: 0.033 min  
Response: 7502408  
Conc: 47.13 ug/ml m



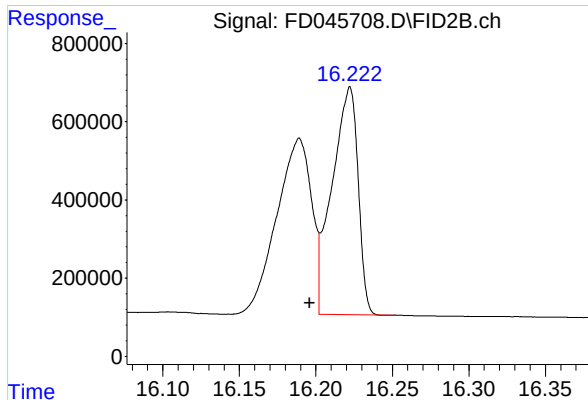
#15 Chrysene (C27.41)

R.T.: 14.703 min  
Delta R.T.: 0.036 min  
Response: 7823296  
Conc: 48.18 ug/ml m



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

R.T.: 16.189 min  
Delta R.T.: 0.023 min  
Response: 7276127  
Conc: 49.40 ug/ml m



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

R.T.: 16.222 min  
Delta R.T.: 0.026 min  
Response: 6855596  
Conc: 47.41 ug/ml

Instrument :

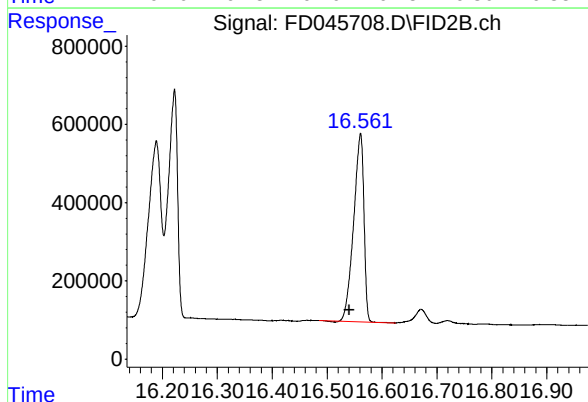
FID\_D

ClientSampleId :

WASTE-1MSD

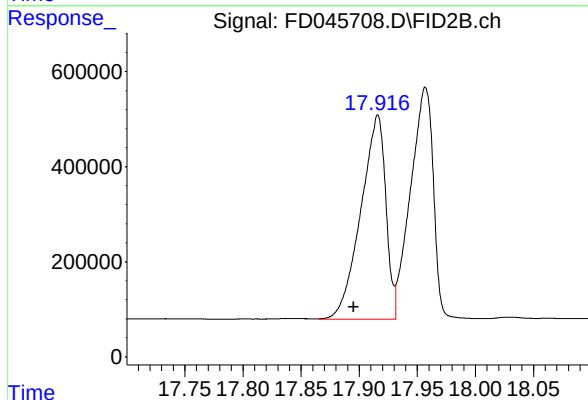
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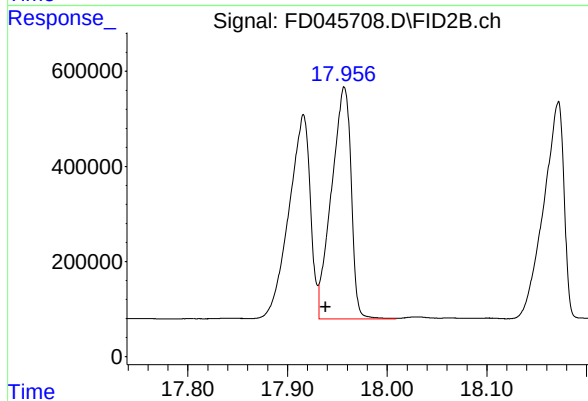
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min  
Delta R.T.: 0.020 min  
Response: 6253738  
Conc: 44.85 ug/ml



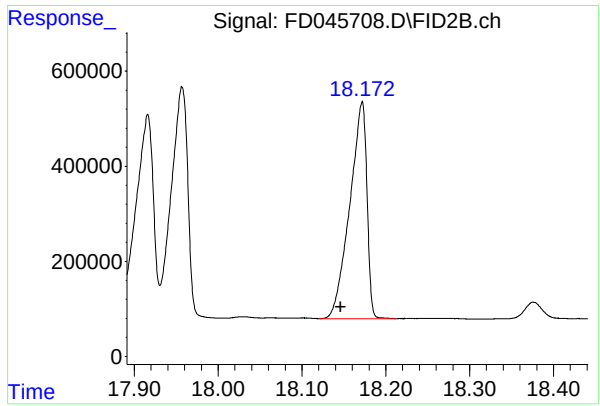
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min  
Delta R.T.: 0.020 min  
Response: 6424042  
Conc: 50.56 ug/ml



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

R.T.: 17.957 min  
Delta R.T.: 0.018 min  
Response: 6671365  
Conc: 51.95 ug/ml



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

R.T.: 18.171 min  
Delta R.T.: 0.025 min  
Response: 6486299  
Conc: 50.43 ug/ml

Instrument :

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