

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042320AR\  
 Data File : FD033177.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Apr 2020 9:17  
 Operator : DD\AJ  
 Sample : PB128412BS  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB128412BS

Manual Integrations  
 APPROVED

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 4/27/2020 9:08:52 AM

Integration File: autoint1.e  
 Quant Time: Apr 24 12:32:30 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040620.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 07 02:14:39 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.596  | 5745875    | 39.162 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 78.32%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.459  | 3805009    | 39.002 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 78.00%        |
| 11) S ortho-Terphenyl (SURR)       | 11.495 | 8377180    | 52.419 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 104.84%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.402  | 4470701    | 28.782 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.937  | 5269322    | 32.295 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.988  | 5769054    | 35.750 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.261  | 5714422    | 36.941 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.557  | 6134487    | 38.123 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.337  | 6253601    | 40.225 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.732 | 6109501    | 39.003 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.807 | 6089678    | 39.981 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.544 | 5882548    | 37.326 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.840 | 5732121    | 36.707 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.713 | 5283123    | 37.114 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.756 | 6164227    | 41.777 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.267 | 5338448    | 39.114 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.301 | 5375765    | 39.059 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.646 | 4927677    | 37.198 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.017 | 5282897    | 43.767 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.052 | 5088876    | 40.623 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.273 | 5239519    | 43.292 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 55 Sample Multiplier: 1

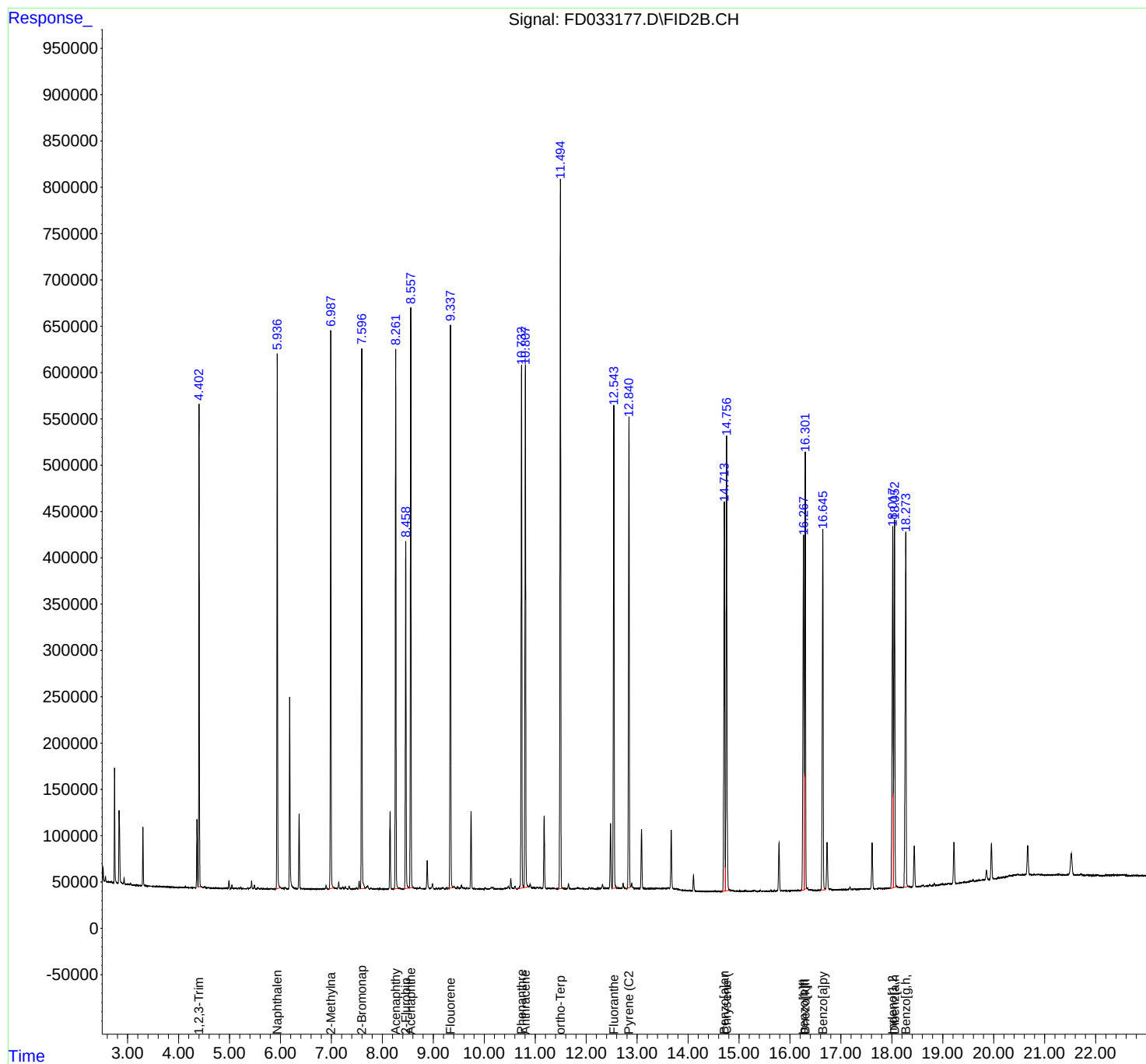
Instrument :  
FID\_D  
ClientSampleID :  
PB128412BS

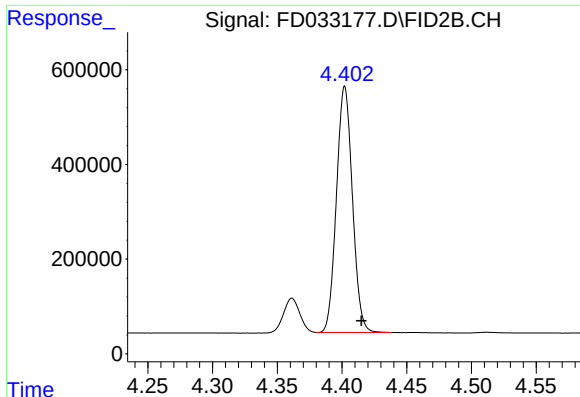
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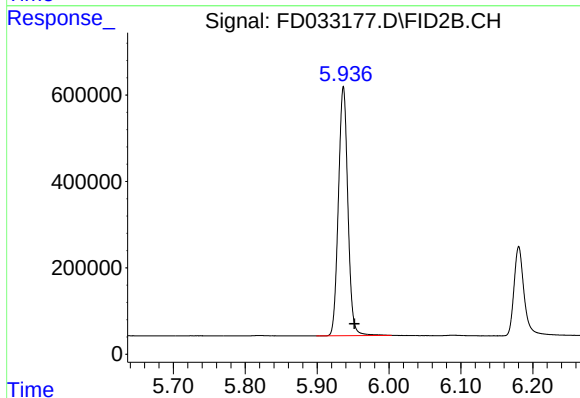
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.402 min  
Delta R.T.: -0.013 min  
Response: 4470701  
Conc: 28.78 ug/ml m

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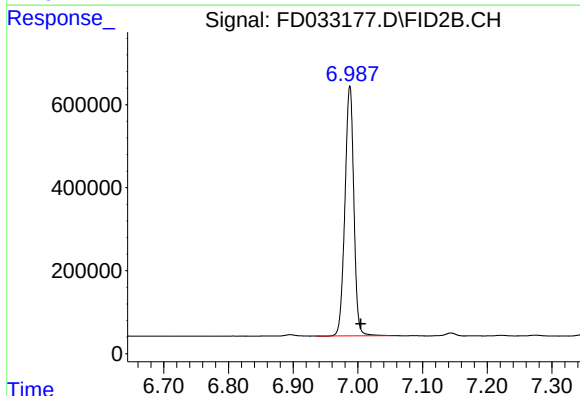
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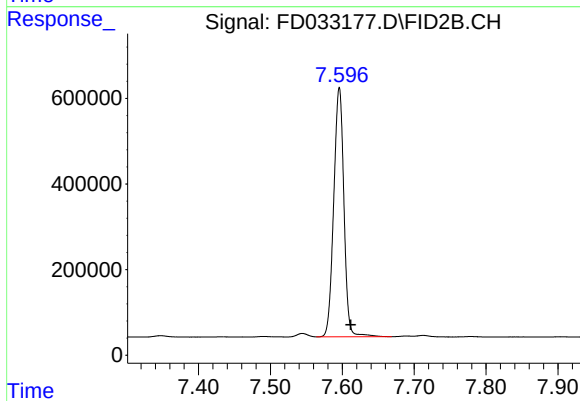
#2 Naphthalene (C11.7)

R.T.: 5.937 min  
Delta R.T.: -0.016 min  
Response: 5269322  
Conc: 32.30 ug/ml



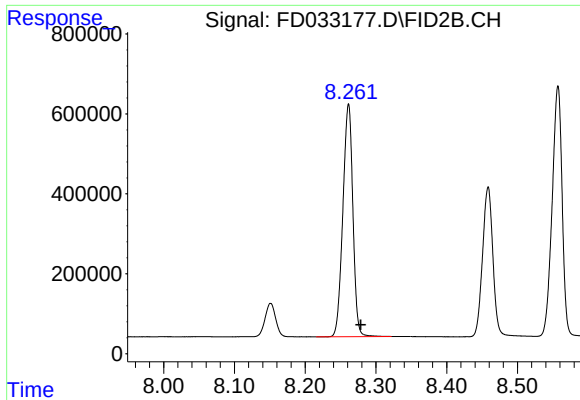
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.988 min  
Delta R.T.: -0.017 min  
Response: 5769054  
Conc: 35.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.596 min  
Delta R.T.: -0.016 min  
Response: 5745875  
Conc: 39.16 ug/ml



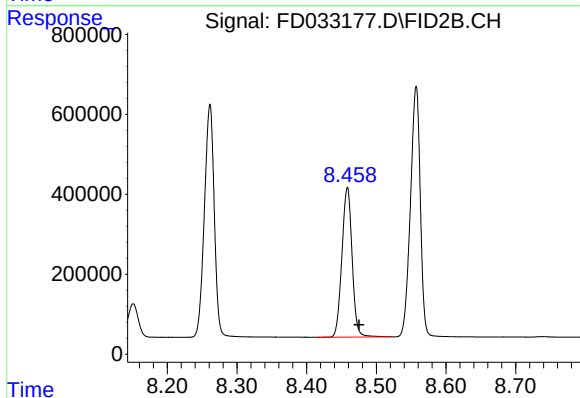
#5 Acenaphthylene (C15.06)

R.T.: 8.261 min  
Delta R.T.: -0.017 min  
Response: 5714422  
Conc: 36.94 ug/ml

Instrument :  
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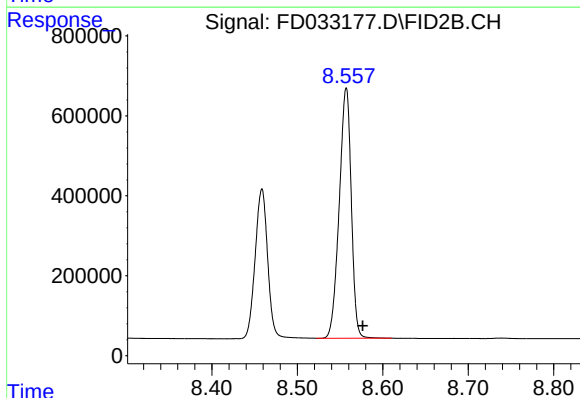
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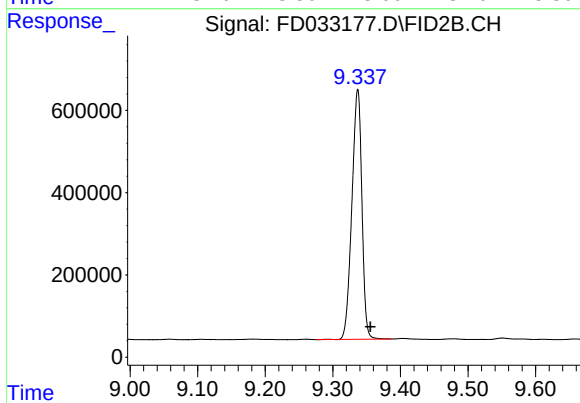
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.459 min  
Delta R.T.: -0.017 min  
Response: 3805009  
Conc: 39.00 ug/ml



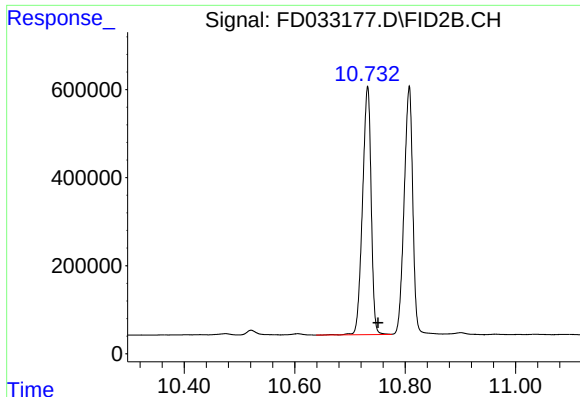
#7 Acenaphthene (C15.5)

R.T.: 8.557 min  
Delta R.T.: -0.019 min  
Response: 6134487  
Conc: 38.12 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.337 min  
Delta R.T.: -0.019 min  
Response: 6253601  
Conc: 40.22 ug/ml



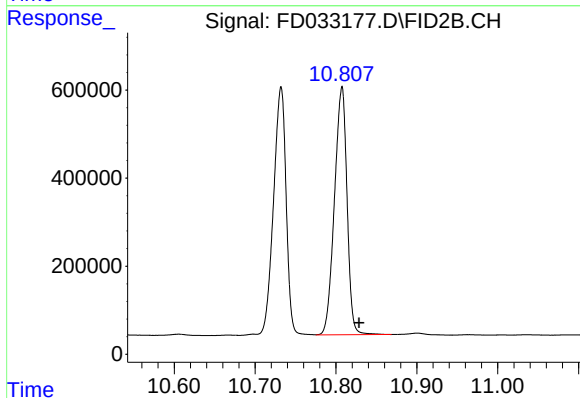
#9 Phenanthrene (C19.36)

R.T.: 10.732 min  
Delta R.T.: -0.019 min  
Response: 6109501  
Conc: 39.00 ug/ml

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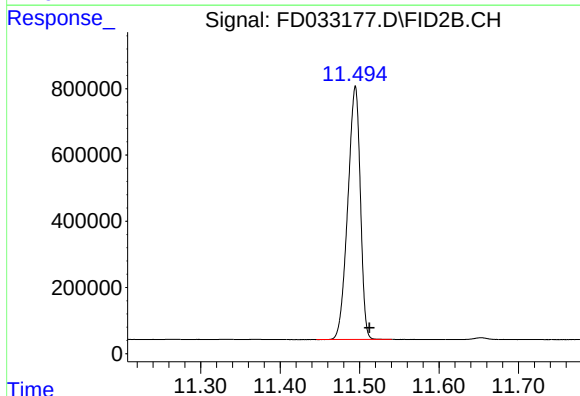
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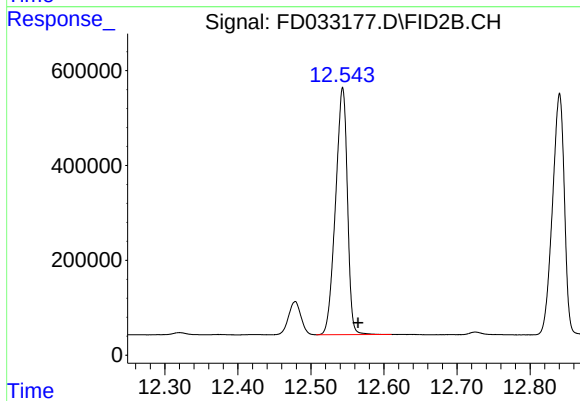
#10 Anthracene (C19.43)

R.T.: 10.807 min  
Delta R.T.: -0.021 min  
Response: 6089678  
Conc: 39.98 ug/ml



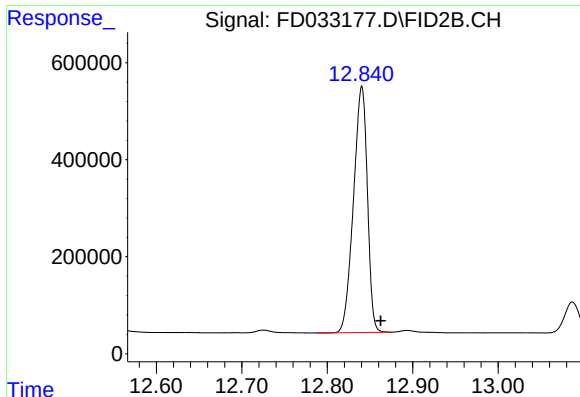
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min  
Delta R.T.: -0.017 min  
Response: 8377180  
Conc: 52.42 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.544 min  
Delta R.T.: -0.021 min  
Response: 5882548  
Conc: 37.33 ug/ml



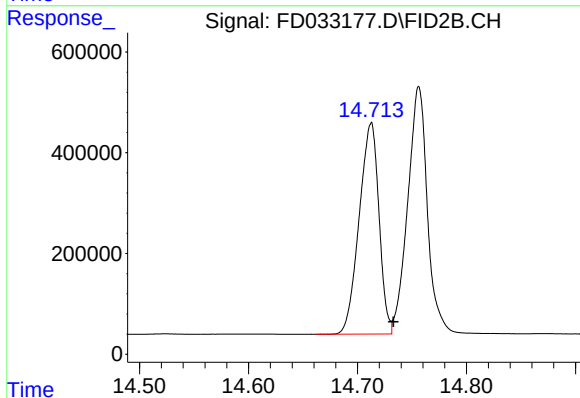
#13 Pyrene (C20.8)

R.T.: 12.840 min  
Delta R.T.: -0.022 min  
Response: 5732121  
Conc: 36.71 ug/ml

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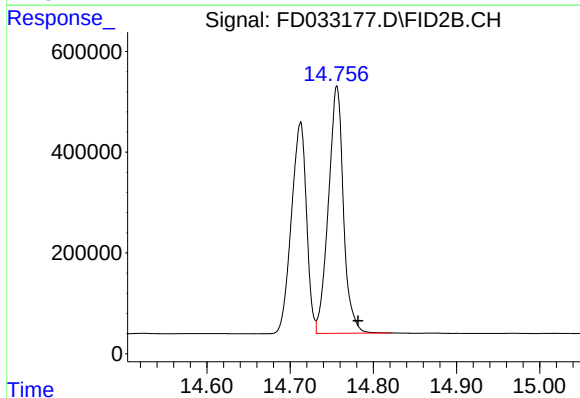
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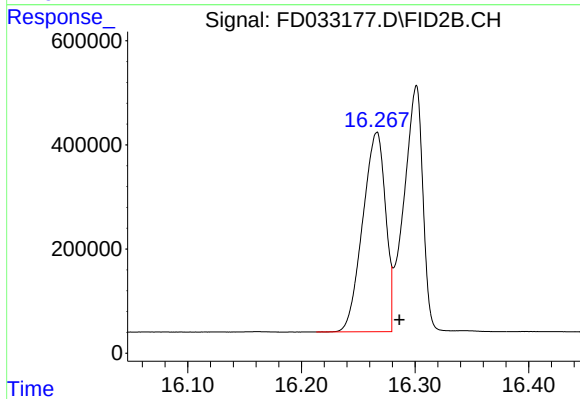
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.713 min  
Delta R.T.: -0.020 min  
Response: 5283123  
Conc: 37.11 ug/ml



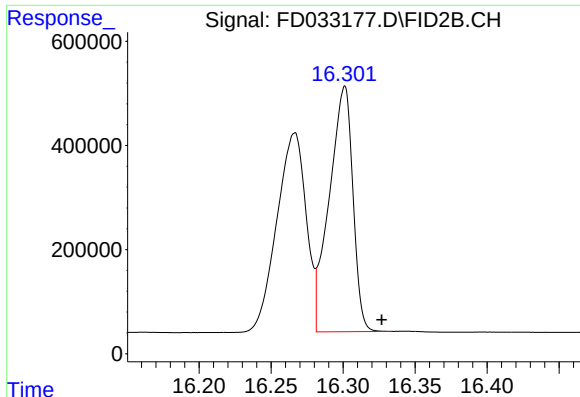
#15 Chrysene (C27.41)

R.T.: 14.756 min  
Delta R.T.: -0.025 min  
Response: 6164227  
Conc: 41.78 ug/ml



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

R.T.: 16.267 min  
Delta R.T.: -0.019 min  
Response: 5338448  
Conc: 39.11 ug/ml m



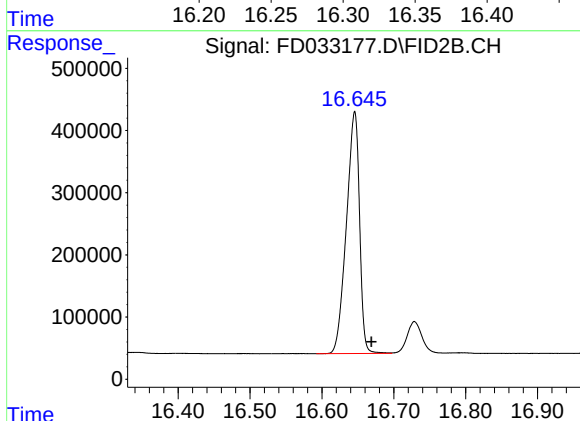
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.301 min  
Delta R.T.: -0.026 min  
Response: 5375765  
Conc: 39.06 ug/ml

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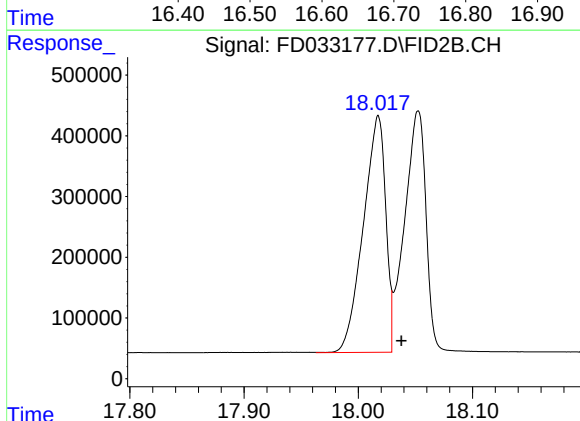
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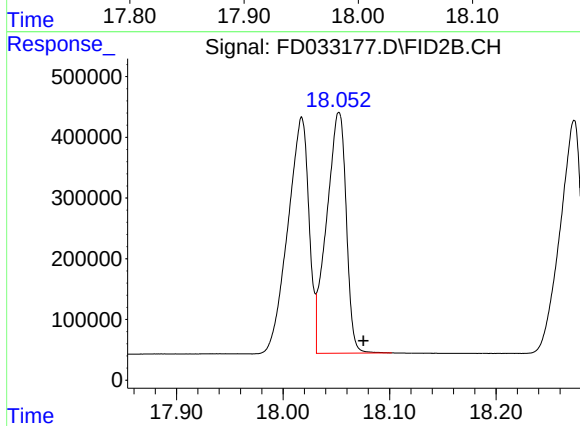
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.646 min  
Delta R.T.: -0.023 min  
Response: 4927677  
Conc: 37.20 ug/ml



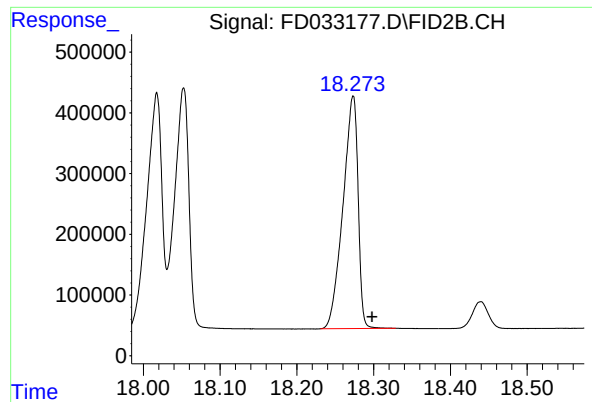
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.017 min  
Delta R.T.: -0.021 min  
Response: 5282897  
Conc: 43.77 ug/ml m



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

R.T.: 18.052 min  
Delta R.T.: -0.023 min  
Response: 5088876  
Conc: 40.62 ug/ml



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

R.T.: 18.273 min  
Delta R.T.: -0.025 min  
Response: 5239519  
Conc: 43.29 ug/ml

Instrument :  
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