

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051021AR\  
 Data File : FD037426.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 May 2021 11:09  
 Operator : DD\AJ  
 Sample : PB136230BS  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB136230BS

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: May 11 04:02:29 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 22 07:01:17 2021  
 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...      | 7.568  | 7899272    | 66.809 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 133.62%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.429  | 4215215    | 54.628 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 109.26%       |
| 11) S ortho-Terphenyl (SURR)       | 11.471 | 7181562    | 58.143 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 116.29%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.365  | 5674369    | 42.673 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.903  | 6433207    | 46.798 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.956  | 6506545    | 48.520 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.232  | 6932138    | 55.421 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.529  | 6777112    | 52.444 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.309  | 6915229    | 56.455 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.705 | 7069835    | 59.975 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.781 | 6887644    | 59.796 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.519 | 7384522    | 63.317 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.816 | 7434122    | 64.575 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.687 | 7103647    | 64.543 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.733 | 7924573    | 70.004 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.241 | 7617161    | 67.910 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.278 | 7375826    | 68.481 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.621 | 7504480    | 72.508 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.987 | 6880846    | 64.685 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.026 | 6743200    | 64.538 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.247 | 7143043    | 66.875 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 10 May 2021 11:09  
Operator : DD\AJ  
Sample : PB136230BS  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

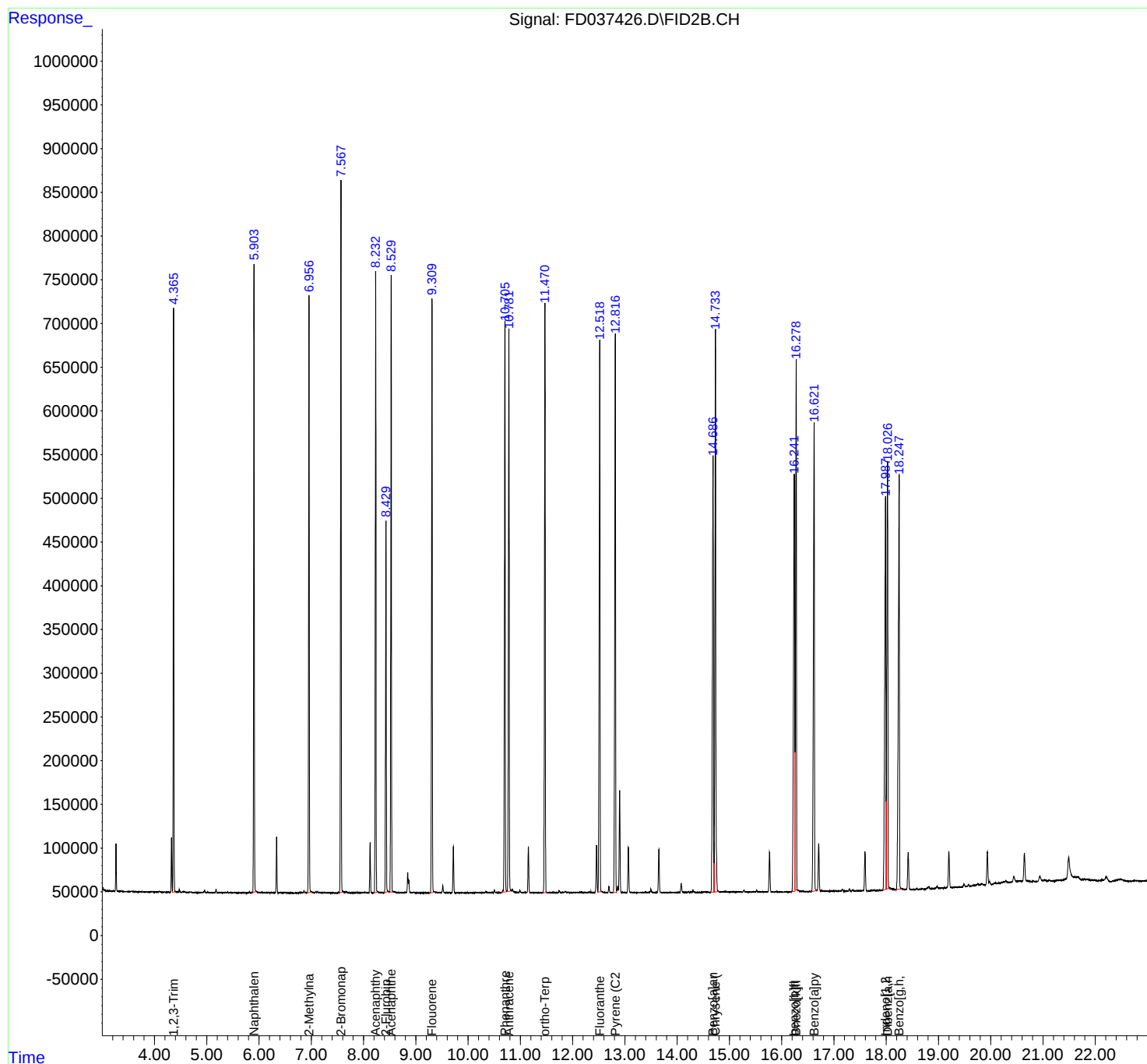
Instrument :  
FID\_D  
ClientSampleId :  
PB136230BS

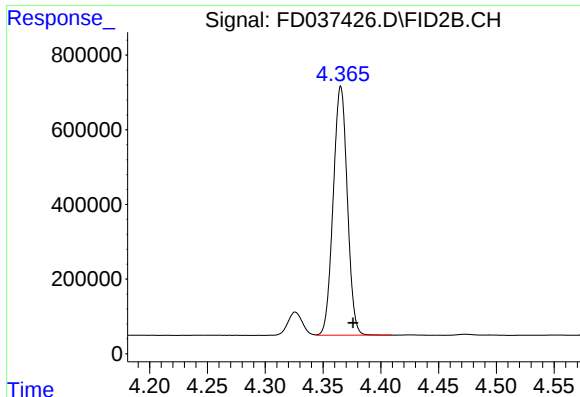
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Integration File: autoint1.e  
Quant Time: May 11 04:02:29 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042121.M  
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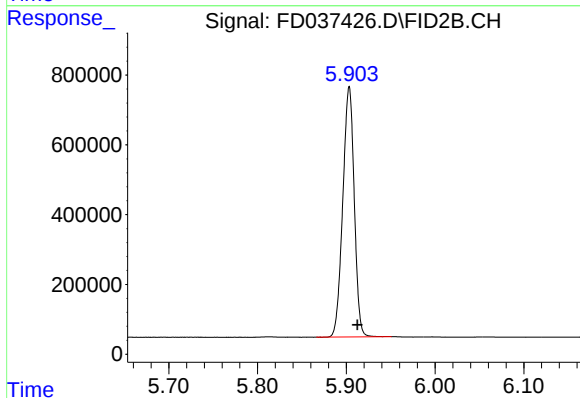
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min  
Delta R.T.: -0.011 min  
Response: 5674369  
Conc: 42.67 ug/ml

Instrument :  
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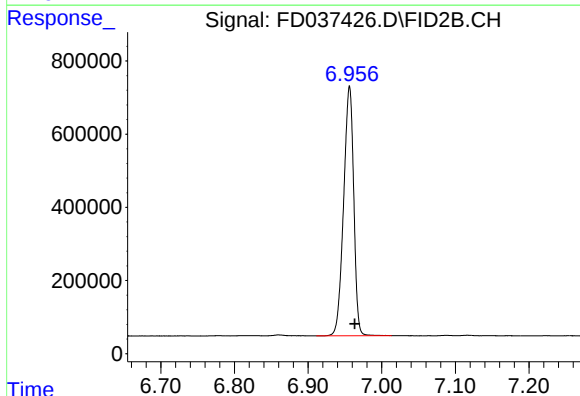
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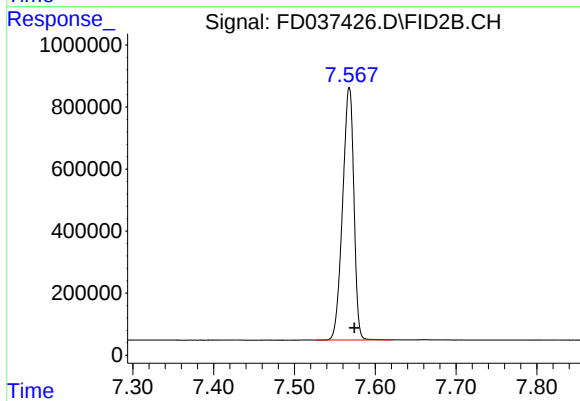
#2 Naphthalene (C11.7)

R.T.: 5.903 min  
Delta R.T.: -0.009 min  
Response: 6433207  
Conc: 46.80 ug/ml



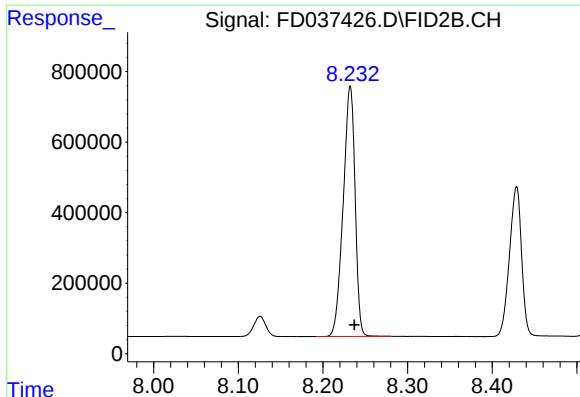
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.956 min  
Delta R.T.: -0.007 min  
Response: 6506545  
Conc: 48.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.568 min  
Delta R.T.: -0.006 min  
Response: 7899272  
Conc: 66.81 ug/ml



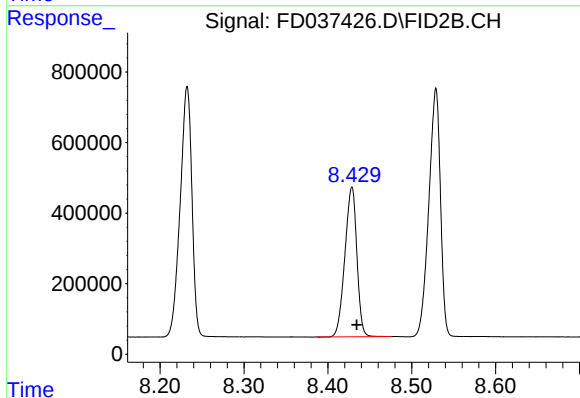
#5 Acenaphthylene (C15.06)

R.T.: 8.232 min  
Delta R.T.: -0.005 min  
Response: 6932138  
Conc: 55.42 ug/ml

Instrument :  
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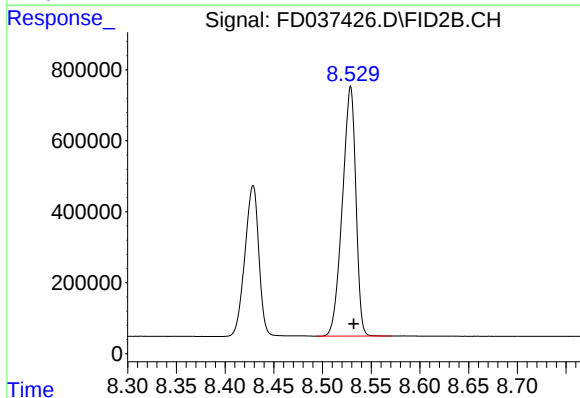
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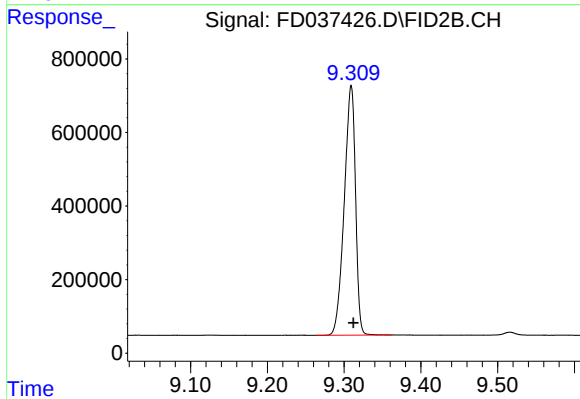
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min  
Delta R.T.: -0.006 min  
Response: 4215215  
Conc: 54.63 ug/ml



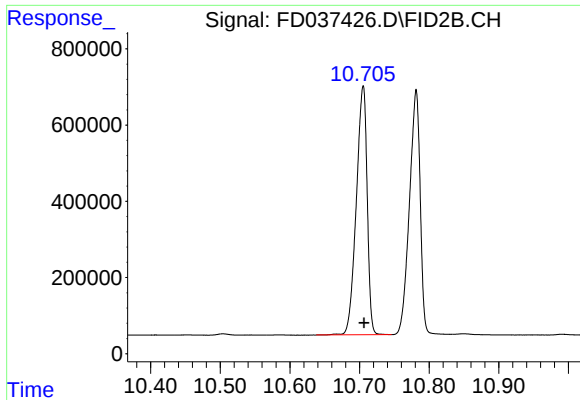
#7 Acenaphthene (C15.5)

R.T.: 8.529 min  
Delta R.T.: -0.003 min  
Response: 6777112  
Conc: 52.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.309 min  
Delta R.T.: -0.003 min  
Response: 6915229  
Conc: 56.46 ug/ml



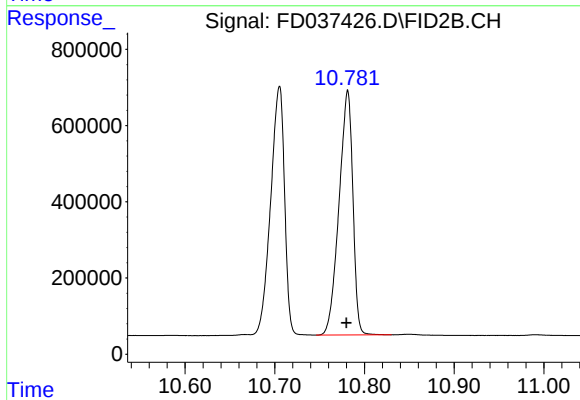
#9 Phenanthrene (C19.36)

R.T.: 10.705 min  
Delta R.T.: -0.001 min  
Response: 7069835  
Conc: 59.98 ug/ml

Instrument :  
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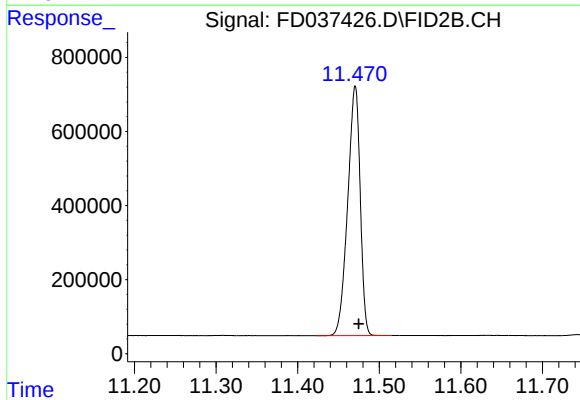
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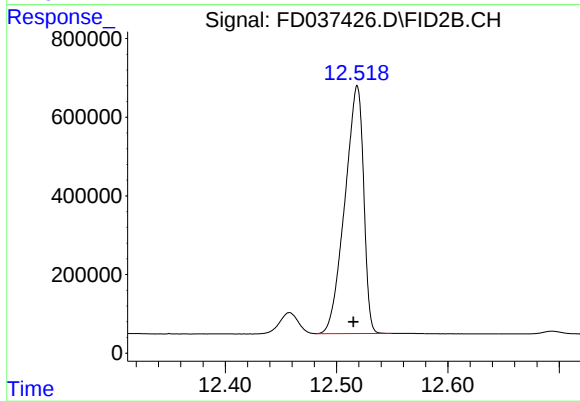
#10 Anthracene (C19.43)

R.T.: 10.781 min  
Delta R.T.: 0.001 min  
Response: 6887644  
Conc: 59.80 ug/ml



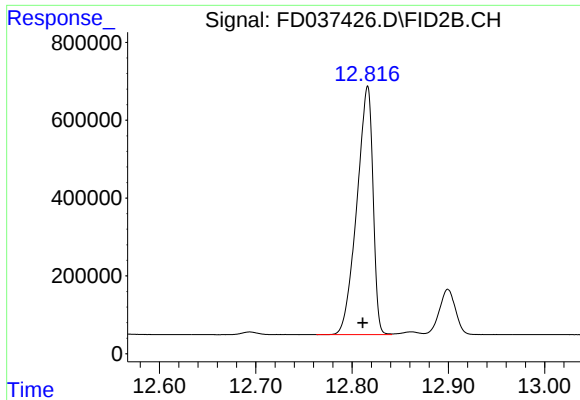
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min  
Delta R.T.: -0.004 min  
Response: 7181562  
Conc: 58.14 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.519 min  
Delta R.T.: 0.003 min  
Response: 7384522  
Conc: 63.32 ug/ml



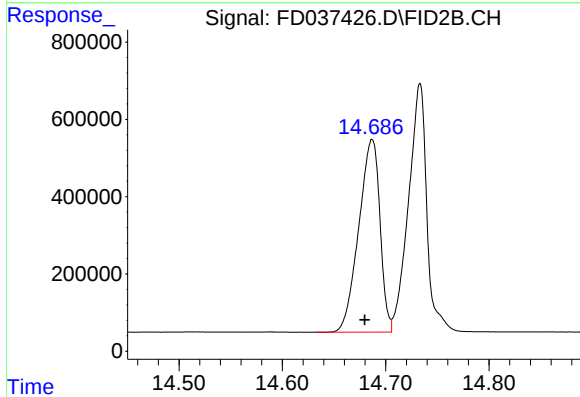
#13 Pyrene (C20.8)

R.T.: 12.816 min  
Delta R.T.: 0.005 min  
Response: 7434122  
Conc: 64.58 ug/ml

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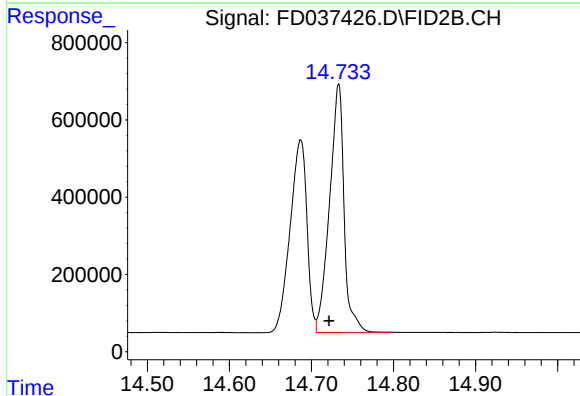
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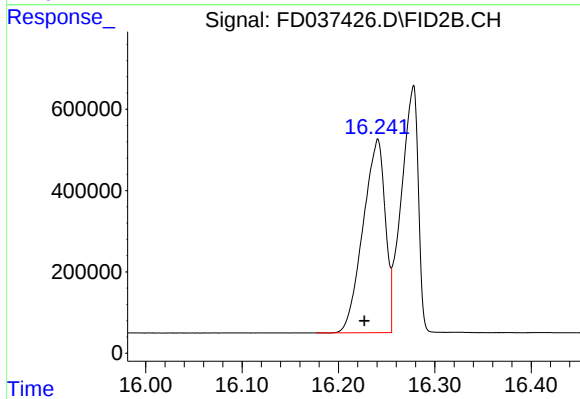
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.687 min  
Delta R.T.: 0.007 min  
Response: 7103647  
Conc: 64.54 ug/ml



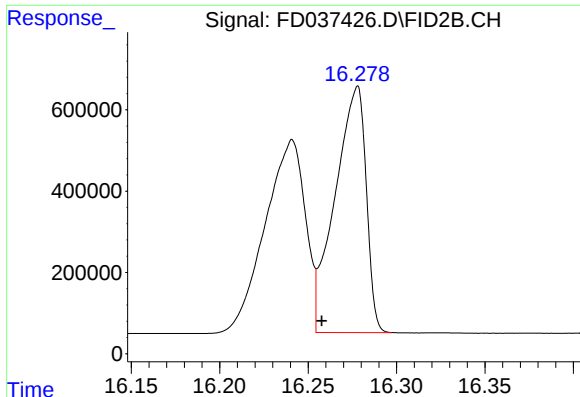
#15 Chrysene (C27.41)

R.T.: 14.733 min  
Delta R.T.: 0.012 min  
Response: 7924573  
Conc: 70.00 ug/ml



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

R.T.: 16.241 min  
Delta R.T.: 0.014 min  
Response: 7617161  
Conc: 67.91 ug/ml



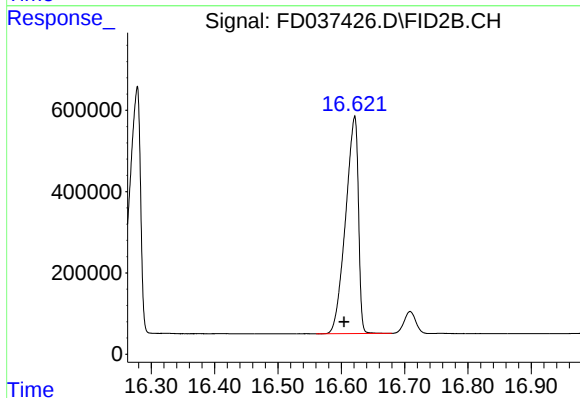
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.278 min  
Delta R.T.: 0.020 min  
Response: 7375826  
Conc: 68.48 ug/ml m

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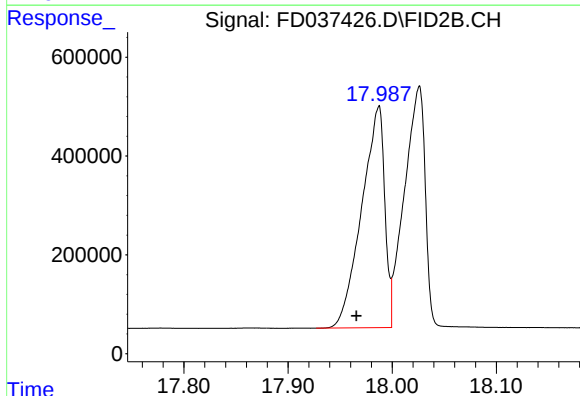
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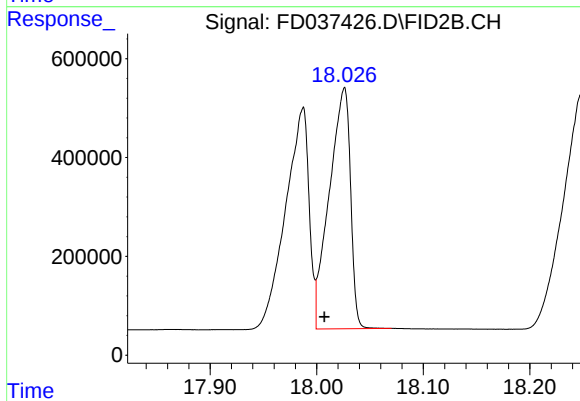
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min  
Delta R.T.: 0.017 min  
Response: 7504480  
Conc: 72.51 ug/ml



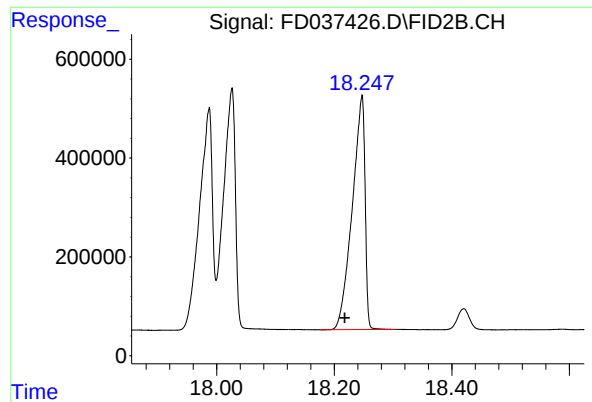
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.987 min  
Delta R.T.: 0.021 min  
Response: 6880846  
Conc: 64.69 ug/ml



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

R.T.: 18.026 min  
Delta R.T.: 0.019 min  
Response: 6743200  
Conc: 64.54 ug/ml



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

R.T.: 18.247 min  
Delta R.T.: 0.029 min  
Response: 7143043  
Conc: 66.87 ug/ml

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