

Data Path : P:\HPCHEM1\FID D\Data\FD050818AR\  
 Data File : FD023501.D  
 Signal(s) : FID2B.CH  
 Acq On : 08 May 2018 13:26  
 Operator : UA/AJ  
 Sample : J2733-01  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 08 14:28:17 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 041618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 24 21:25:16 2018  
 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...      | 7.252  | 6486025    | 48.694 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 97.39%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.107  | 4373608    | 62.991 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 125.98%      |
| 11) S ortho-Terphenyl (SURR)       | 11.123 | 3211945    | 23.110 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.22%       |
| Target Compounds                   |        |            |              |
| 2) T Naphthalene (C11.7)           | 5.628  | 78297      | 0.581 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.665  | 118666     | 0.886 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.922  | 228909     | 1.592 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.207  | 181368     | 1.089 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.378 | 564006     | 4.260 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.476 | 143368     | 1.025 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.176 | 1866429    | 13.434 ug/ml |
| 13) T Pyrene (C20.8)               | 12.469 | 1624643    | 11.431 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.352 | 1142912    | 9.060 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.393 | 1374322    | 8.827 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.913 | 1705043    | 12.573 ug/ml |
| 17) T Benzo[k]fluoranthene ...     | 15.947 | 642633     | 3.942 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.302 | 1279232    | 8.925 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.690 | 1047182    | 8.095 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.722 | 331319     | 1.998 ug/ml  |
| 21) T Benzo[a,h,i]pervlene ...     | 17.939 | 897546     | 6.076 ug/ml  |
| -----                              |        |            |              |

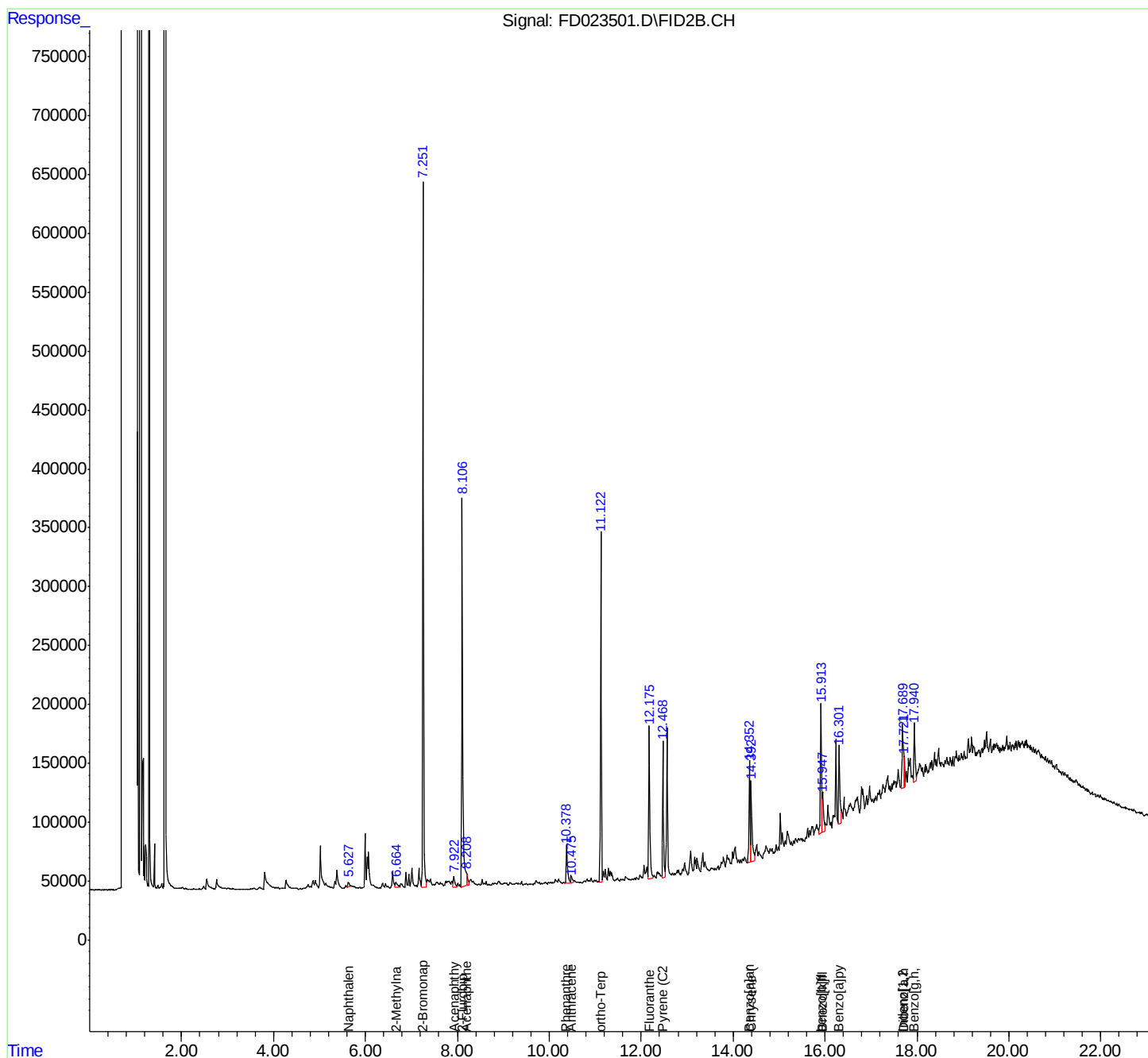
(f)=RT Delta > 1/2 Window

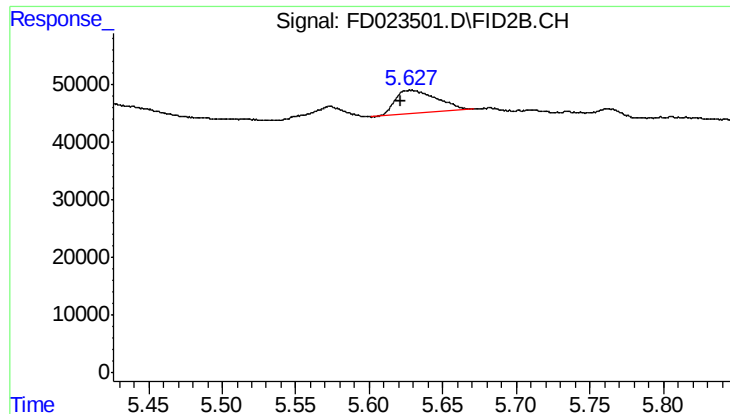
(m)=manual int.

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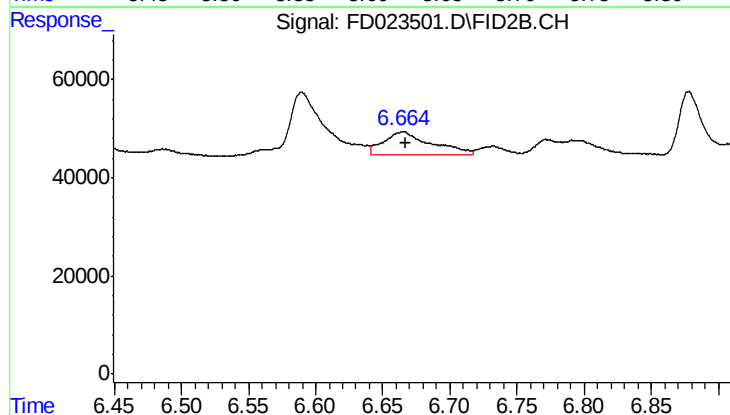
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





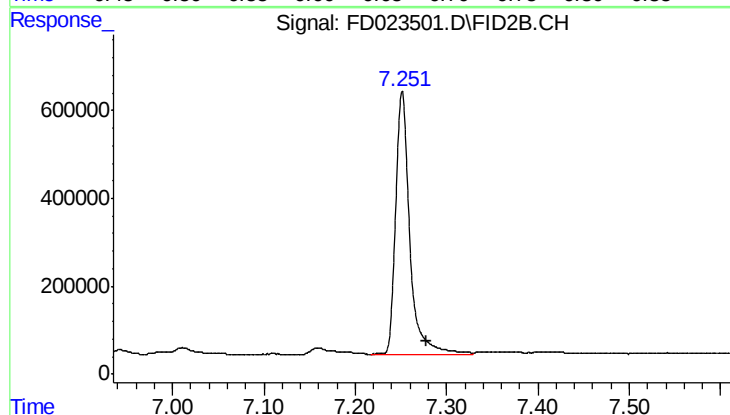
#2 Naphthalene (C11.7)

R.T.: 5.628 min  
Delta R.T.: 0.006 min  
Response: 78297  
Conc: 0.58 ug/ml



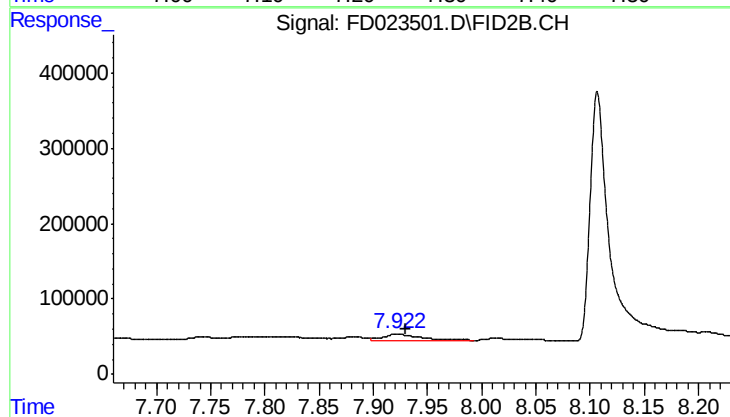
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.665 min  
Delta R.T.: -0.003 min  
Response: 118666  
Conc: 0.89 ug/ml



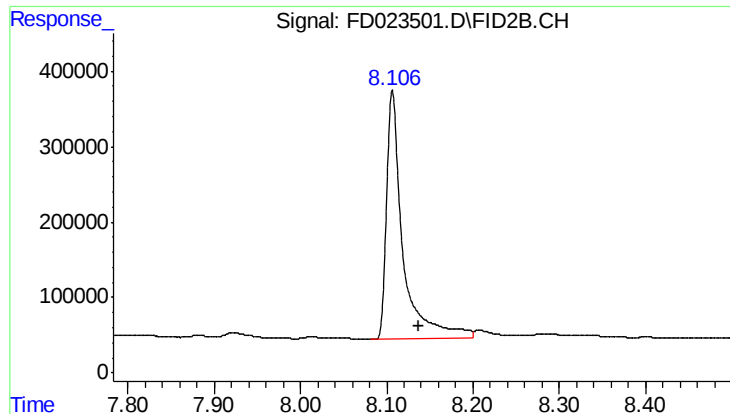
#4 2-Bromonaphthalene (SURR)

R.T.: 7.252 min  
Delta R.T.: -0.026 min  
Response: 6486025  
Conc: 48.69 ug/ml



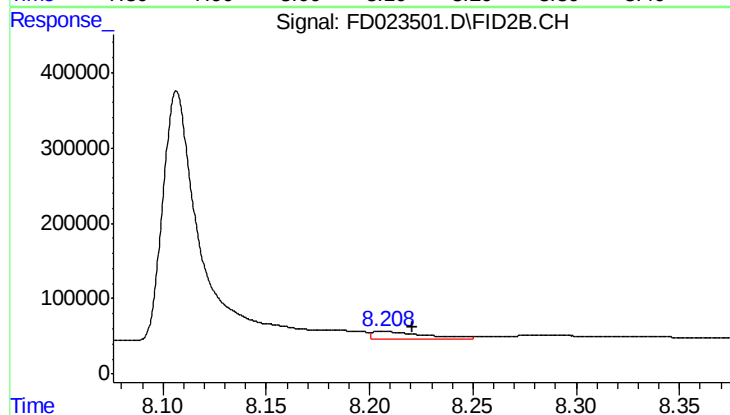
#5 Acenaphthylene (C15.06)

R.T.: 7.922 min  
Delta R.T.: -0.008 min  
Response: 228909  
Conc: 1.59 ug/ml



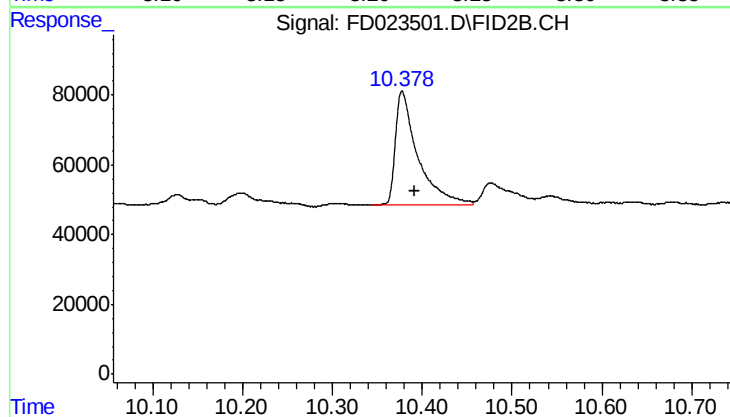
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.107 min  
Delta R.T.: -0.031 min  
Response: 4373608  
Conc: 62.99 ug/ml



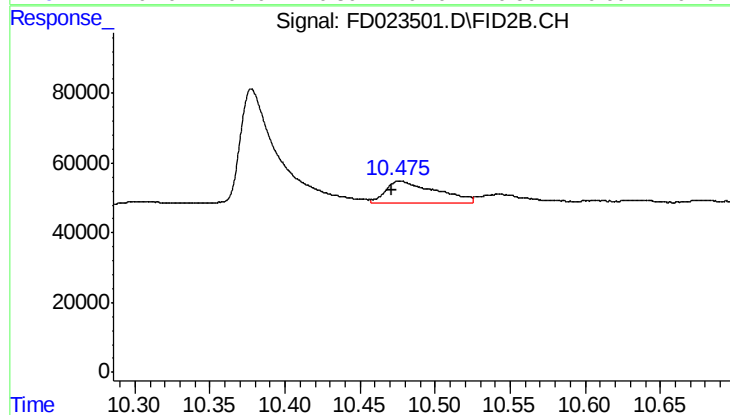
#7 Acenaphthene (C15.5)

R.T.: 8.207 min  
Delta R.T.: -0.014 min  
Response: 181368  
Conc: 1.09 ug/ml



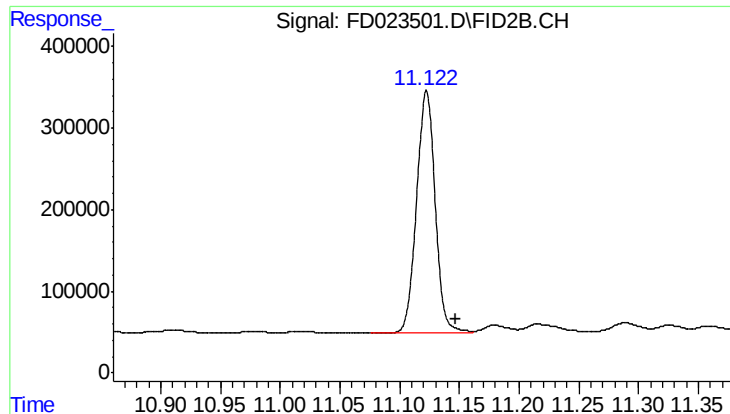
#9 Phenanthrene (C19.36)

R.T.: 10.378 min  
Delta R.T.: -0.014 min  
Response: 564006  
Conc: 4.26 ug/ml



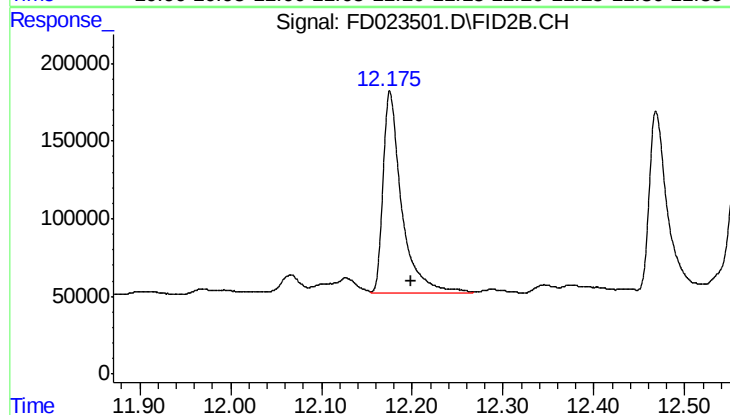
#10 Anthracene (C19.43)

R.T.: 10.476 min  
Delta R.T.: 0.005 min  
Response: 143368  
Conc: 1.02 ug/ml



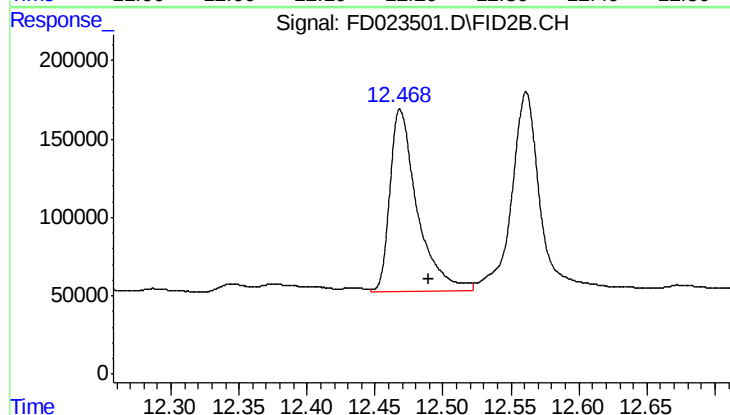
#11 ortho-Terphenyl (SURR)

R.T.: 11.123 min  
Delta R.T.: -0.025 min  
Response: 3211945  
Conc: 23.11 ug/ml



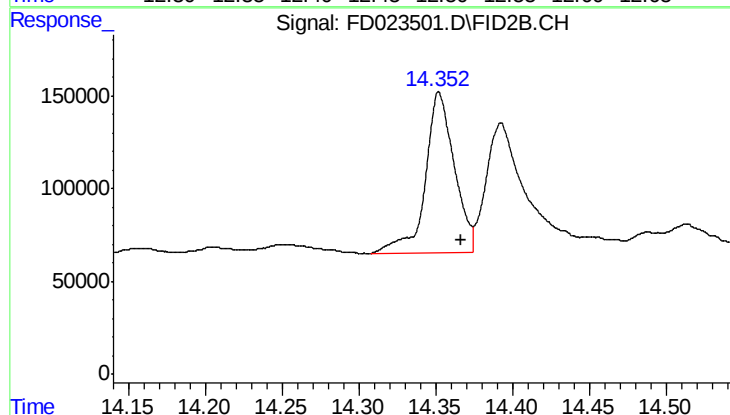
#12 Fluoranthene (C21.85)

R.T.: 12.176 min  
Delta R.T.: -0.023 min  
Response: 1866429  
Conc: 13.43 ug/ml



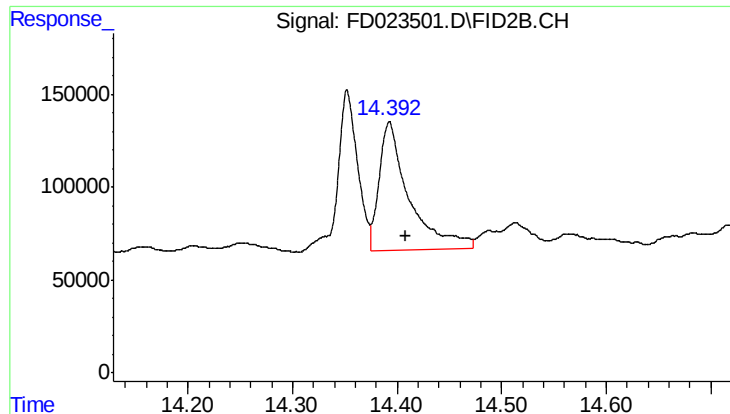
#13 Pyrene (C20.8)

R.T.: 12.469 min  
Delta R.T.: -0.021 min  
Response: 1624643  
Conc: 11.43 ug/ml



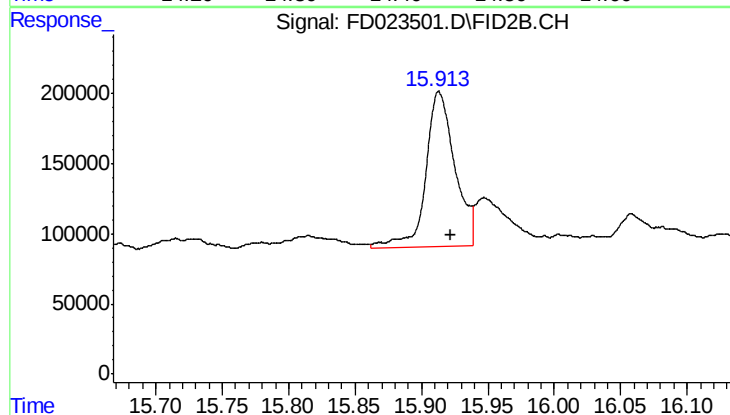
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.352 min  
Delta R.T.: -0.014 min  
Response: 1142912  
Conc: 9.06 ug/ml



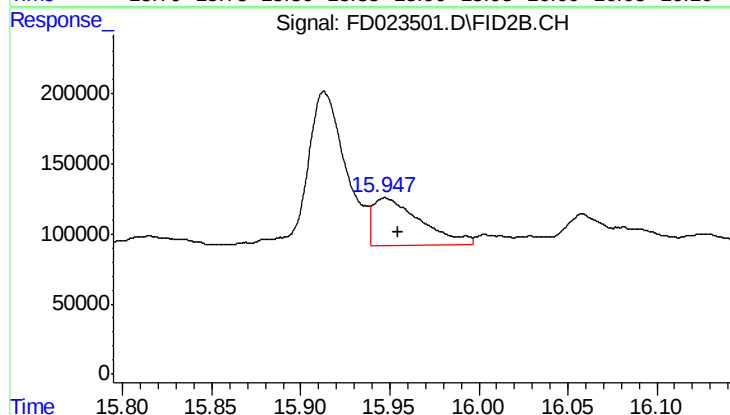
#15 Chrysene (C27.41)

R.T.: 14.393 min  
Delta R.T.: -0.016 min  
Response: 1374322  
Conc: 8.83 ug/ml



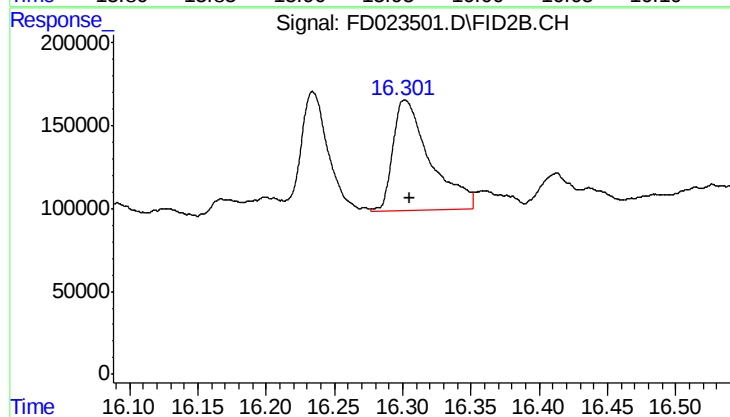
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.913 min  
Delta R.T.: -0.009 min  
Response: 1705043  
Conc: 12.57 ug/ml



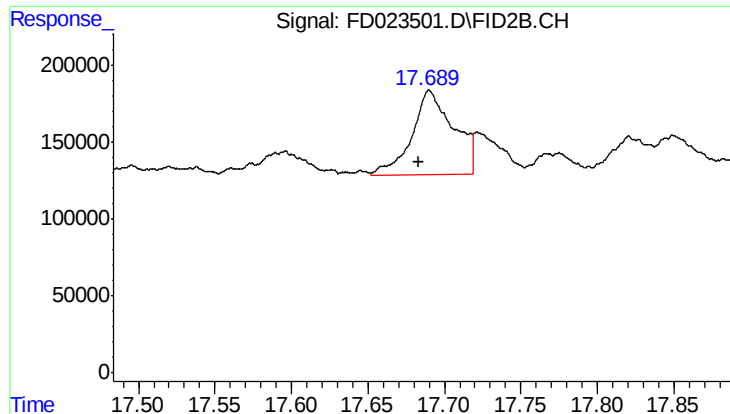
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.947 min  
Delta R.T.: -0.007 min  
Response: 642633  
Conc: 3.94 ug/ml



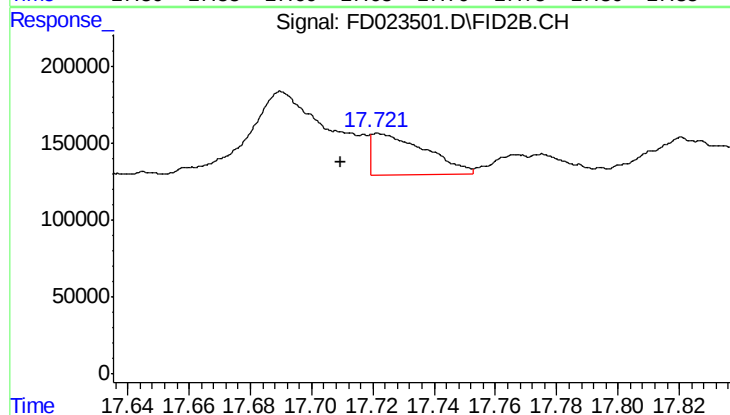
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.302 min  
Delta R.T.: -0.004 min  
Response: 1279232  
Conc: 8.93 ug/ml



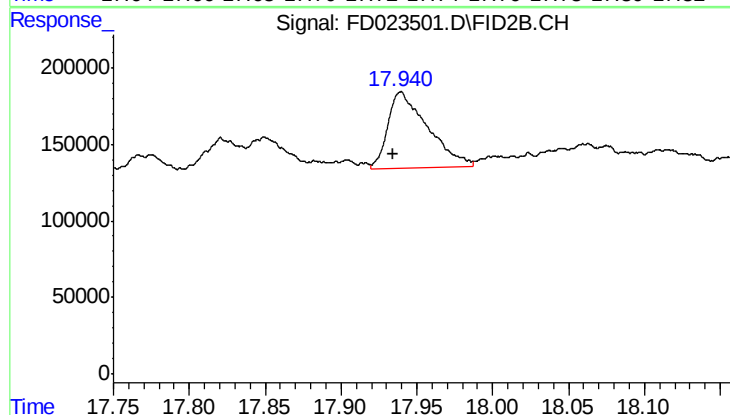
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.690 min  
Delta R.T.: 0.007 min  
Response: 1047182  
Conc: 8.09 ug/ml



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

R.T.: 17.722 min  
Delta R.T.: 0.012 min  
Response: 331319  
Conc: 2.00 ug/ml



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

R.T.: 17.939 min  
Delta R.T.: 0.005 min  
Response: 897546  
Conc: 6.08 ug/ml