

Data Path : P:\HPCHEM1\FID D\Data\FD032718AR\  
 Data File : FD022652.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Mar 2018 10:53  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 28 02:08:32 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 032018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 21 07:06:57 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...           | 7.320  | 1526935    | 17.651 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 35.30%       |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.182  | 933917     | 17.679 ug/ml |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 35.36%       |
| 11) S ortho-Terphenyl (SURR)            | 11.195 | 1929986    | 18.157 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 36.31%       |
| Target Compounds                        |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...           | 4.129  | 1529201    | 15.701 ug/ml |
| 2) T Naphthalene (C11.7)                | 5.661  | 1585572    | 17.074 ug/ml |
| 3) T 2-Methylnaphthalene (...)          | 6.709  | 1572533    | 17.107 ug/ml |
| 5) T Acenaphthylene (C15.06)            | 7.973  | 1823743    | 18.085 ug/ml |
| 7) T Acenaphthene (C15.5)               | 8.264  | 2010359    | 18.294 ug/ml |
| 8) T Fluorene (C16.55)                  | 9.048  | 1839251    | 18.262 ug/ml |
| 9) T Phenanthrene (C19.36)              | 10.439 | 1903114    | 18.083 ug/ml |
| 10) T Anthracene (C19.43)               | 10.518 | 1918703    | 17.882 ug/ml |
| 12) T Fluoranthene (C21.85)             | 12.249 | 2037012    | 17.971 ug/ml |
| 13) T Pyrene (C20.8)                    | 12.541 | 2083559    | 18.567 ug/ml |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.420 | 1743182    | 16.880 ug/ml |
| 15) T Chrysene (C27.41)                 | 14.460 | 2072476    | 17.850 ug/ml |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 16.005 | 2182218    | 21.002 ug/ml |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 16.005 | 2182218    | 18.003 ug/ml |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.361 | 1790052    | 16.810 ug/ml |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.767 | 2065719    | 30.849 ug/ml |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.767 | 2065719    | 16.998 ug/ml |
| 21) T Benzo[ <i>a,h,i</i> ]pervlene ... | 17.993 | 1306874    | 15.848 ug/ml |
| -----                                   |        |            |              |

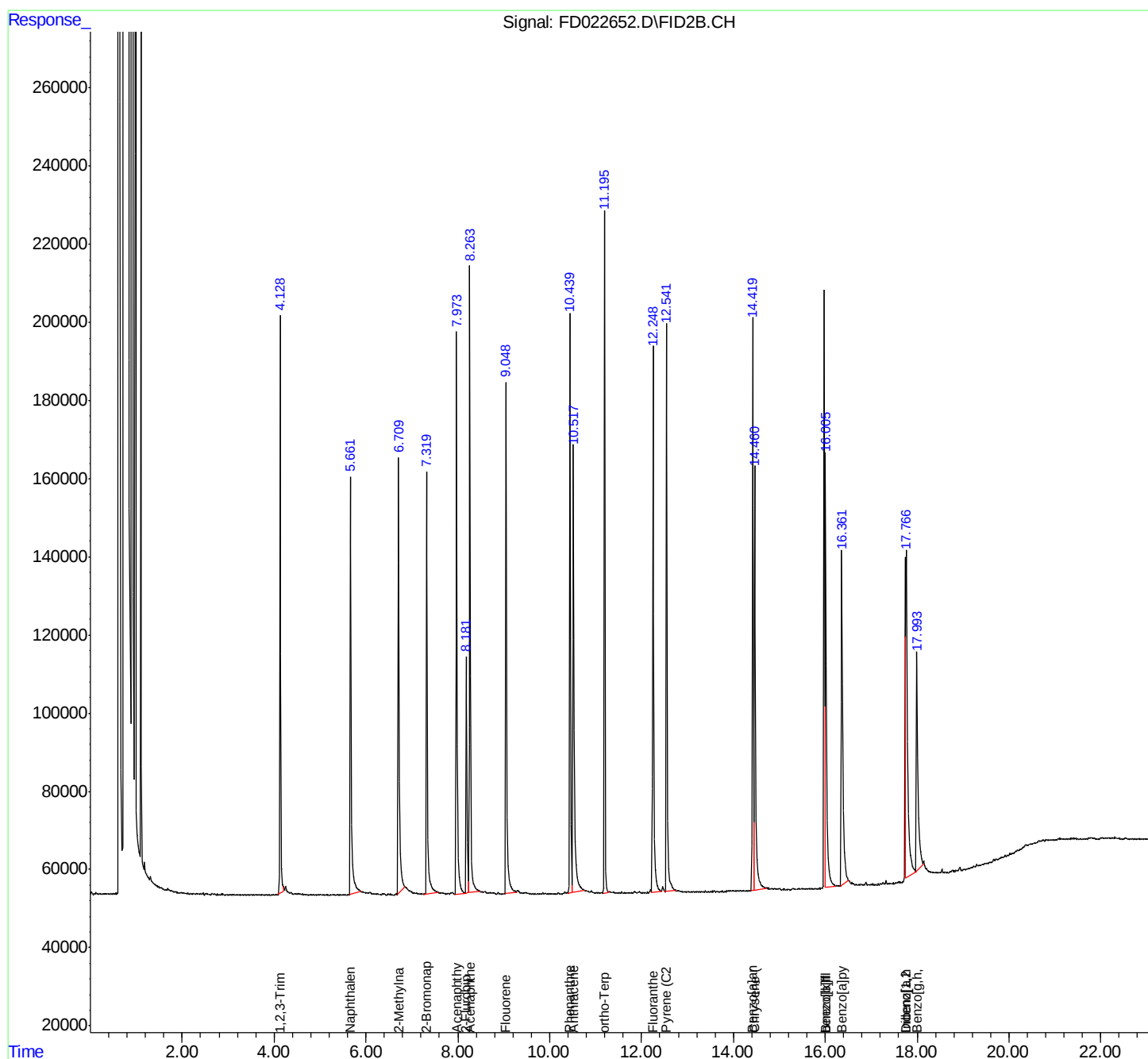
(f)=RT Delta > 1/2 Window

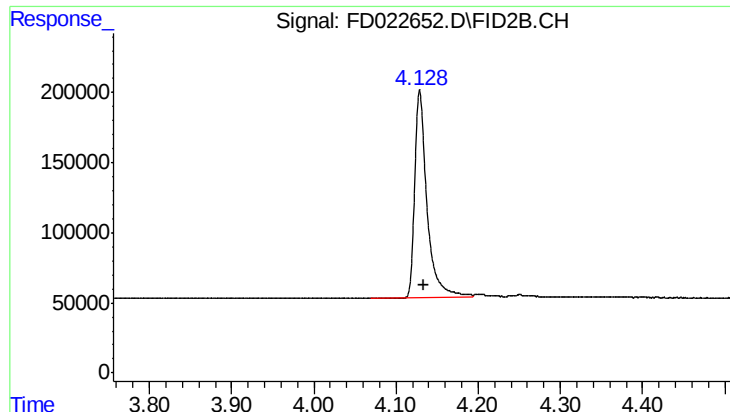
(m)=manual int.

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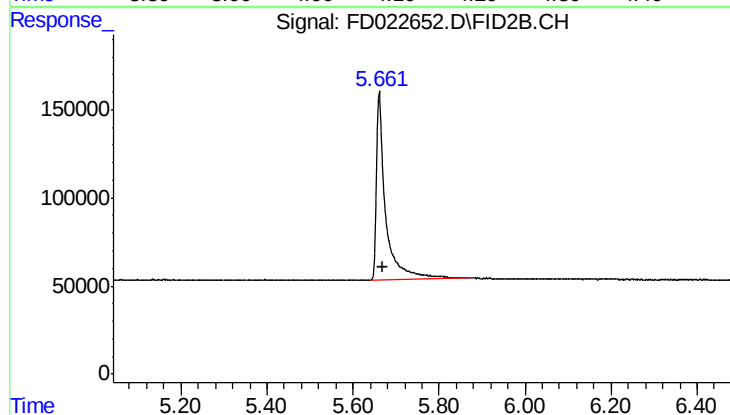
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





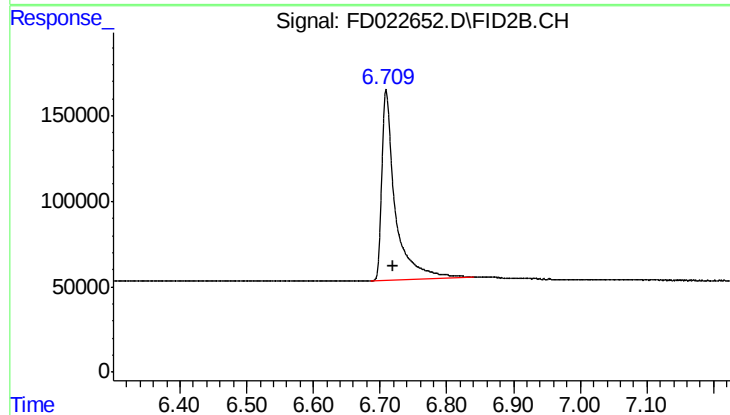
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.129 min  
Delta R.T.: -0.005 min  
Response: 1529201  
Conc: 15.70 ug/ml



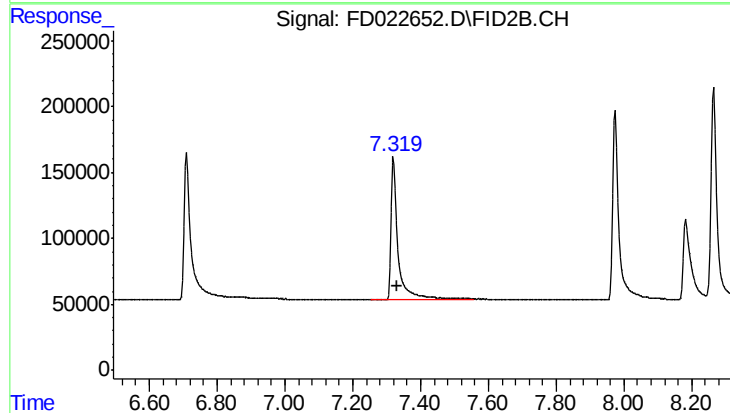
#2 Naphthalene (C11.7)

R.T.: 5.661 min  
Delta R.T.: -0.010 min  
Response: 1585572  
Conc: 17.07 ug/ml



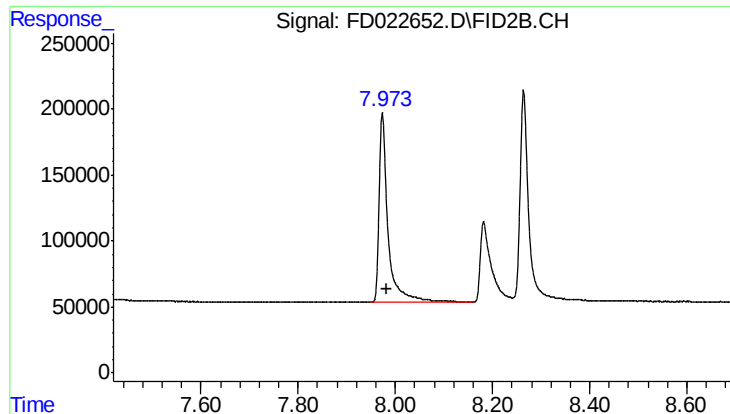
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.709 min  
Delta R.T.: -0.011 min  
Response: 1572533  
Conc: 17.11 ug/ml



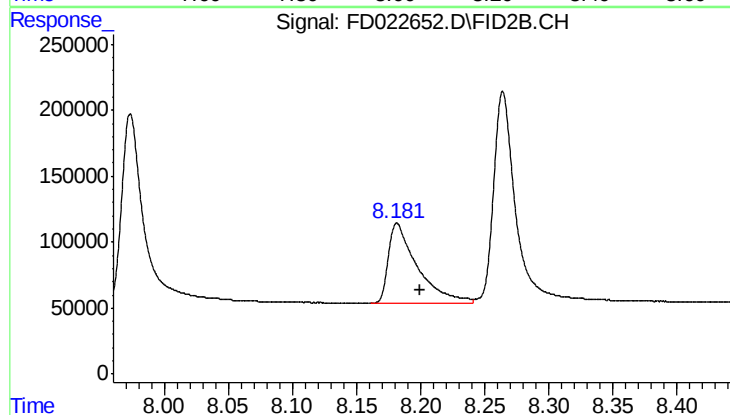
#4 2-Bromonaphthalene (SURR)

R.T.: 7.320 min  
Delta R.T.: -0.010 min  
Response: 1526935  
Conc: 17.65 ug/ml



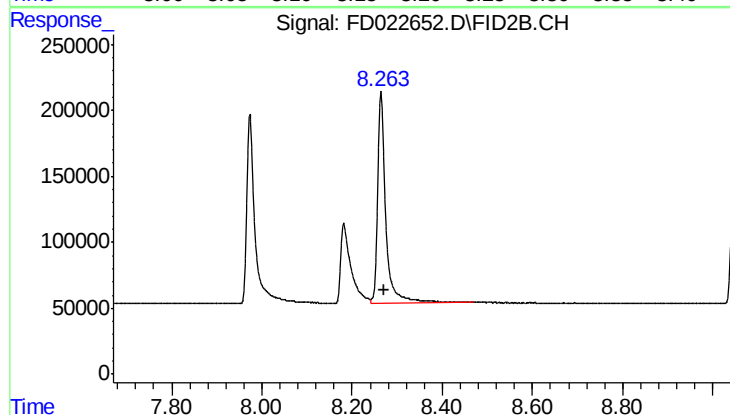
#5 Acenaphthylene (C15.06)

R.T.: 7.973 min  
Delta R.T.: -0.009 min  
Response: 1823743  
Conc: 18.08 ug/ml



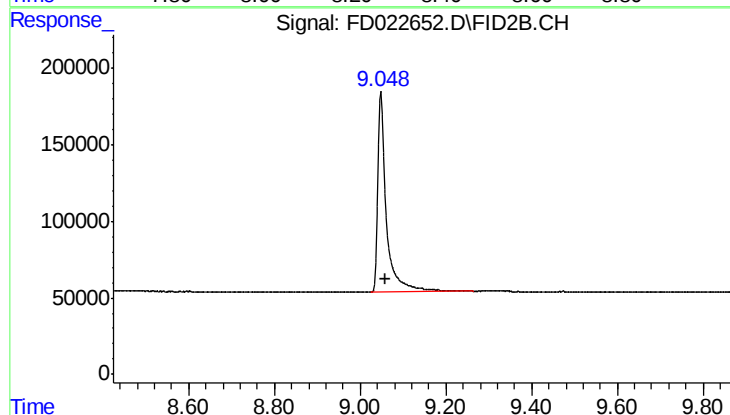
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.182 min  
Delta R.T.: -0.018 min  
Response: 933917  
Conc: 17.68 ug/ml



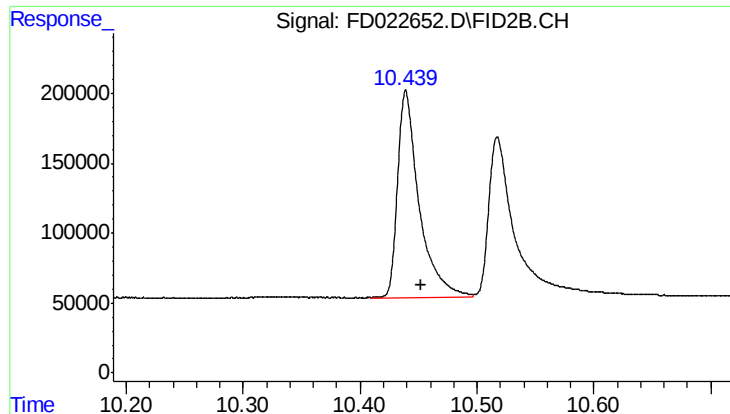
#7 Acenaphthene (C15.5)

R.T.: 8.264 min  
Delta R.T.: -0.008 min  
Response: 2010359  
Conc: 18.29 ug/ml



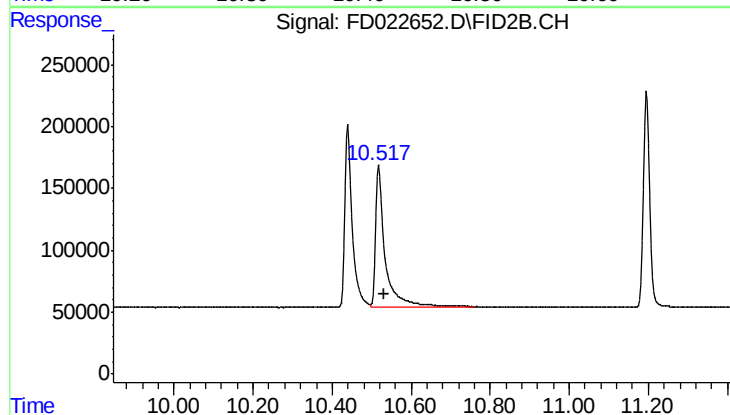
#8 Fluorene (C16.55)

R.T.: 9.048 min  
Delta R.T.: -0.012 min  
Response: 1839251  
Conc: 18.26 ug/ml



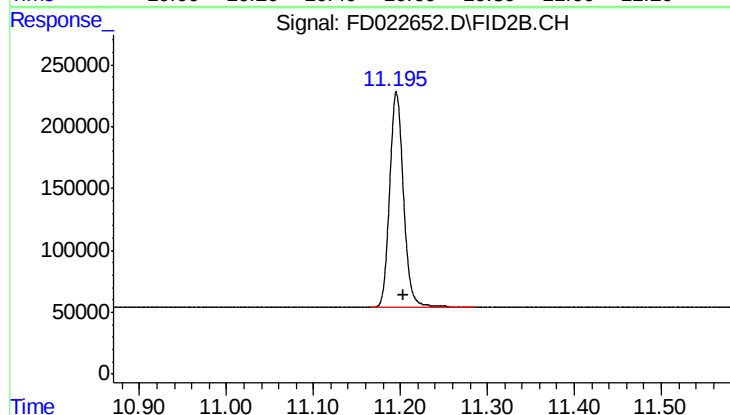
#9 Phenanthrene (C19.36)

R.T.: 10.439 min  
Delta R.T.: -0.013 min  
Response: 1903114  
Conc: 18.08 ug/ml



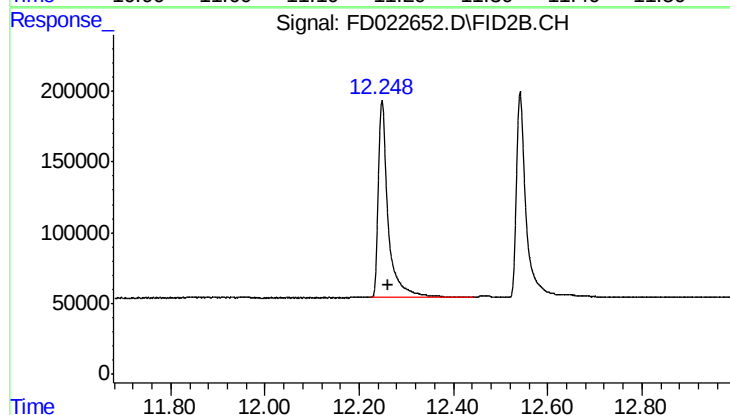
#10 Anthracene (C19.43)

R.T.: 10.518 min  
Delta R.T.: -0.014 min  
Response: 1918703  
Conc: 17.88 ug/ml



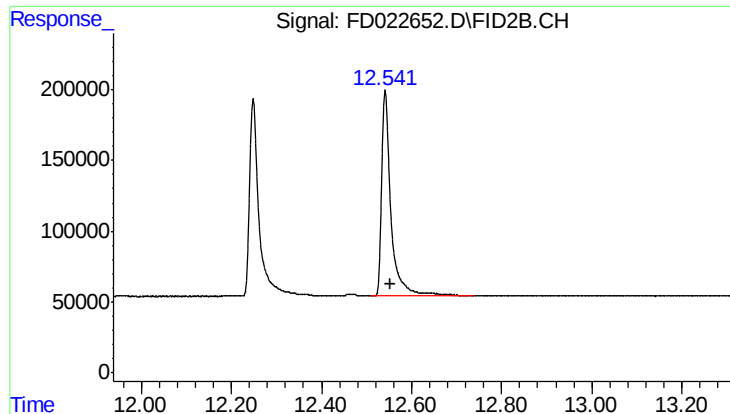
#11 ortho-Terphenyl (SURR)

R.T.: 11.195 min  
Delta R.T.: -0.008 min  
Response: 1929986  
Conc: 18.16 ug/ml



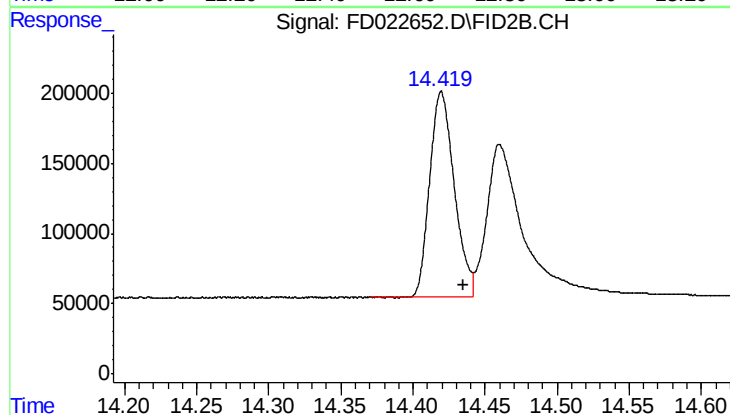
#12 Fluoranthene (C21.85)

R.T.: 12.249 min  
Delta R.T.: -0.012 min  
Response: 2037012  
Conc: 17.97 ug/ml



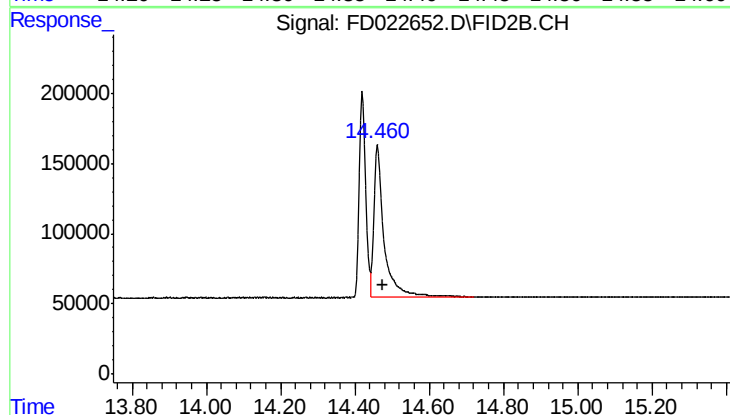
#13 Pyrene (C20.8)

R.T.: 12.541 min  
Delta R.T.: -0.012 min  
Response: 2083559  
Conc: 18.57 ug/ml



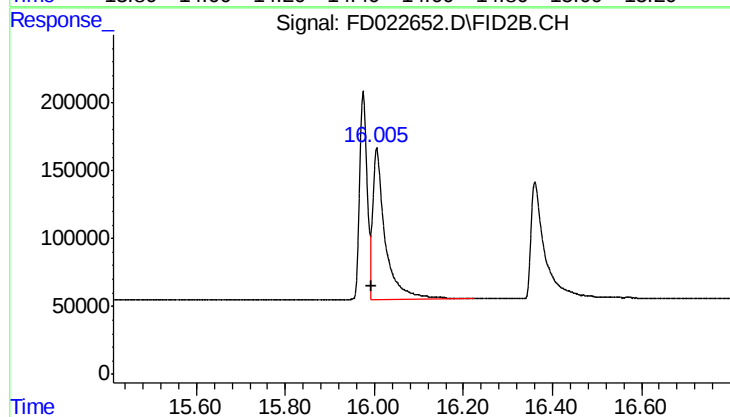
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min  
Delta R.T.: -0.015 min  
Response: 1743182  
Conc: 16.88 ug/ml



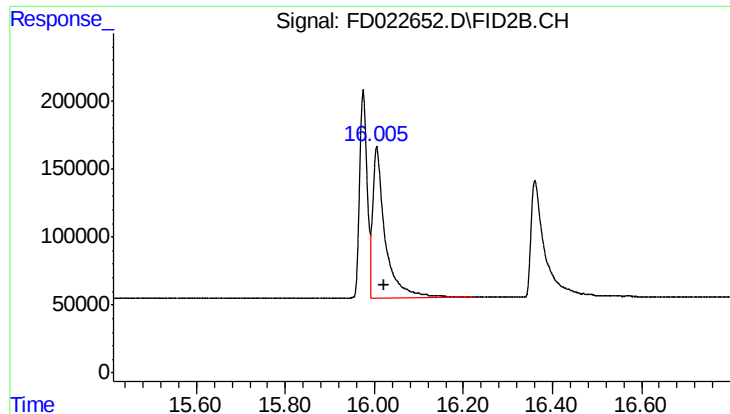
#15 Chrysene (C27.41)

R.T.: 14.460 min  
Delta R.T.: -0.017 min  
Response: 2072476  
Conc: 17.85 ug/ml



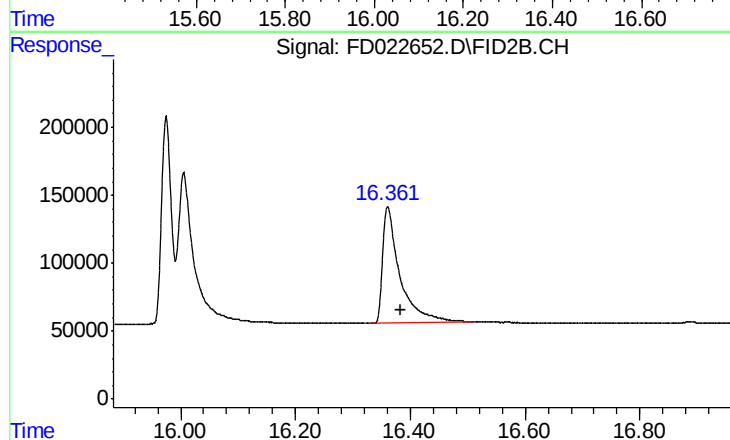
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.005 min  
Delta R.T.: 0.013 min  
Response: 2182218  
Conc: 21.00 ug/ml



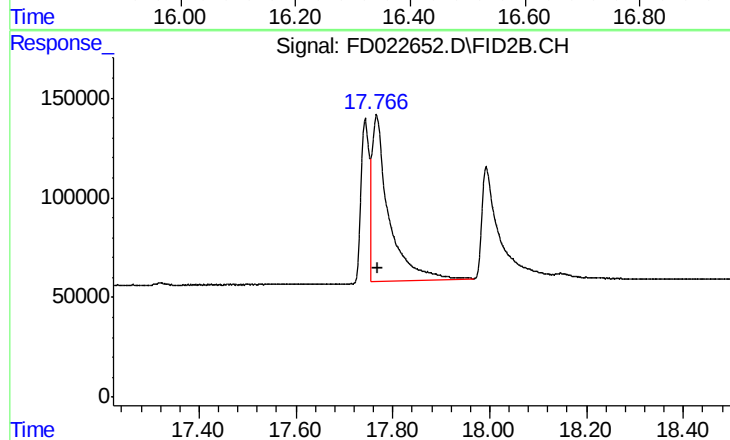
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min  
Delta R.T.: -0.018 min  
Response: 2182218  
Conc: 18.00 ug/ml



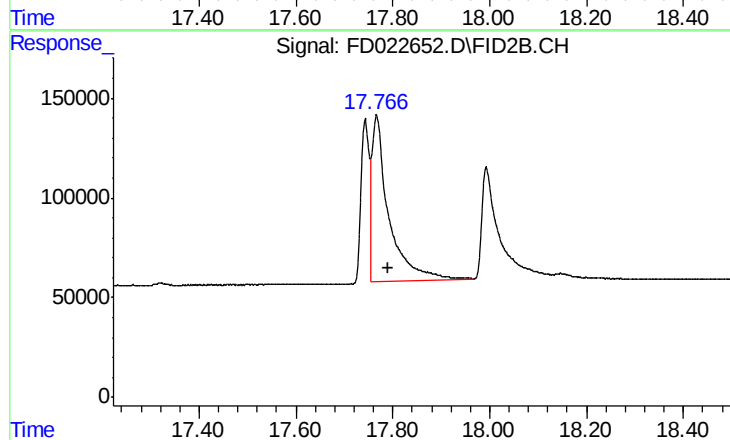
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min  
Delta R.T.: -0.022 min  
Response: 1790052  
Conc: 16.81 ug/ml



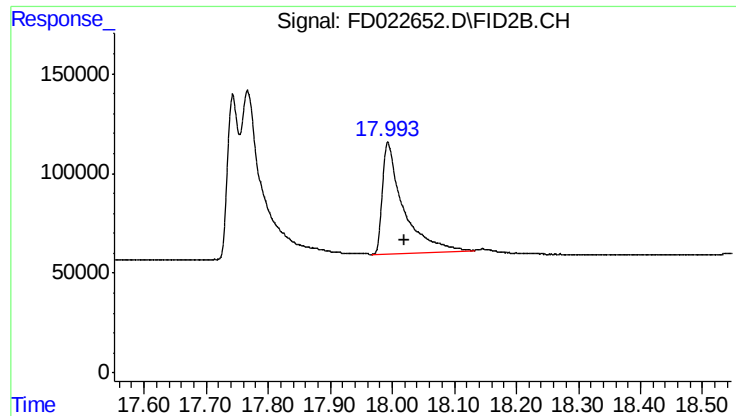
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.767 min  
Delta R.T.: -0.002 min  
Response: 2065719  
Conc: 30.85 ug/ml



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

R.T.: 17.767 min  
Delta R.T.: -0.023 min  
Response: 2065719  
Conc: 17.00 ug/ml



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

R.T.: 17.993 min  
Delta R.T.: -0.026 min  
Response: 1306874  
Conc: 15.85 ug/ml