

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112019AR\  
 Data File : FD031608.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Nov 2019 11:55  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 21 01:02:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 06 03:03:26 2019  
 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...      | 7.641  | 2089465    | 17.553 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.11%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.504  | 1424392    | 17.288 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 34.58%       |
| 11) S ortho-Terphenyl (SURR)       | 11.544 | 2176980    | 17.012 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.440  | 2228714    | 18.568 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.979  | 2348825    | 18.243 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.032  | 2302389    | 17.927 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.307  | 2164252    | 17.192 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.603  | 2264330    | 17.294 ug/ml |
| 8) T Flouorene (C16.55)            | 9.383  | 2225251    | 17.020 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.779 | 2226114    | 16.896 ug/ml |
| 10) T Anthracene (C19.43)          | 10.852 | 2022807    | 15.687 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.589 | 2193440    | 16.551 ug/ml |
| 13) T Pyrene (C20.8)               | 12.886 | 2188025    | 16.614 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.756 | 2089667    | 16.508 ug/ml |
| 15) T Chrysene (C27.41)            | 14.797 | 2200300    | 17.348 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.305 | 2134763    | 17.006 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.336 | 2110879    | 16.774 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.683 | 2105192    | 16.964 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.046 | 2096100    | 17.232 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.085 | 2123206    | 17.147 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.300 | 2088968    | 17.317 ug/ml |
| -----                              |        |            |              |

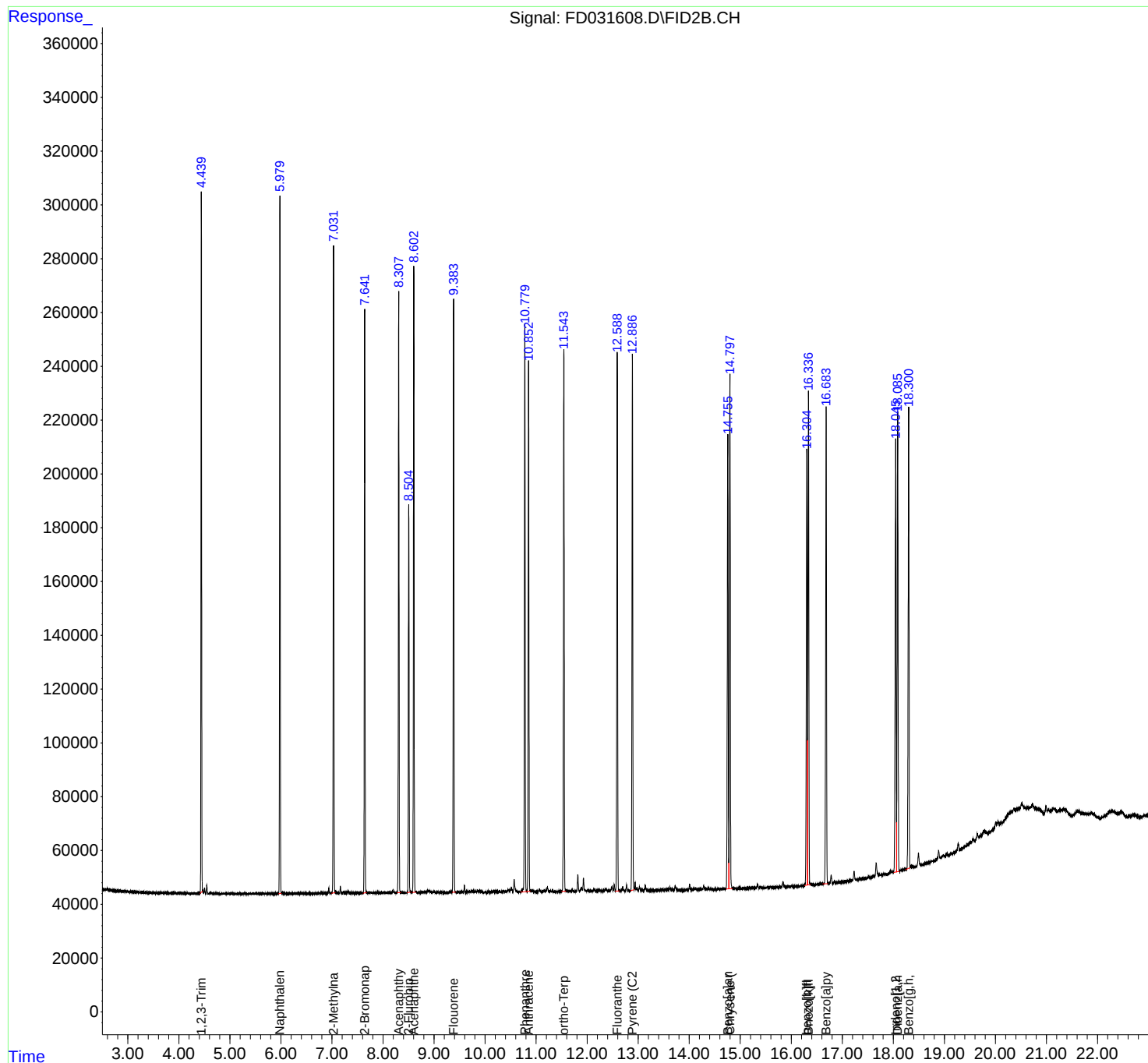
(f)=RT Delta > 1/2 Window

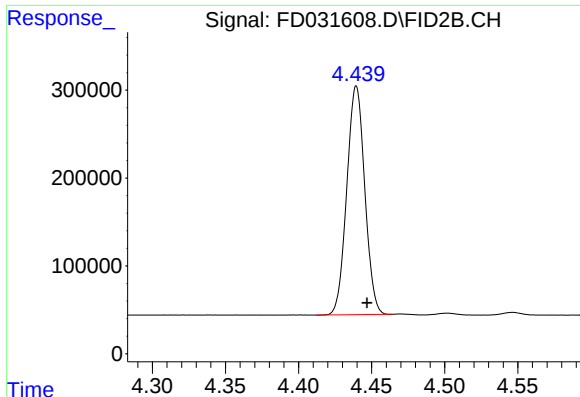
(m)=manual int.

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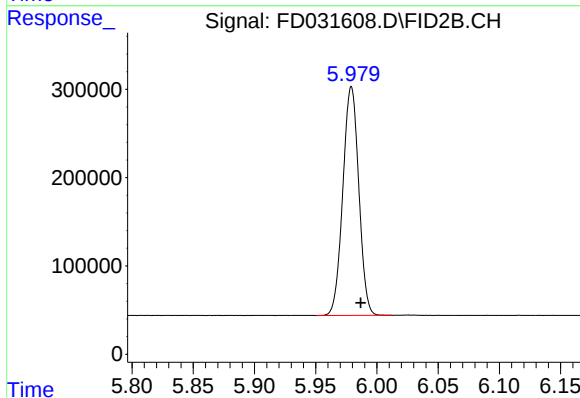
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





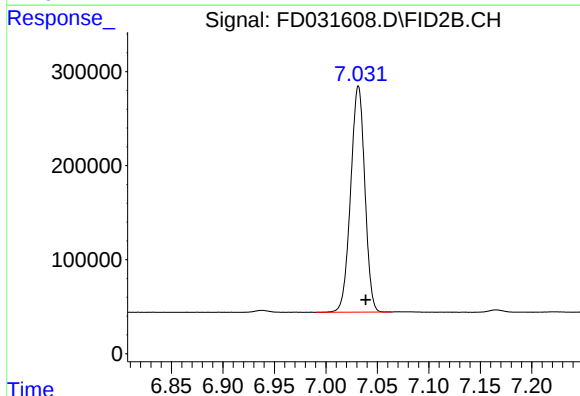
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.440 min  
Delta R.T.: -0.007 min  
Response: 2228714  
Conc: 18.57 ug/ml



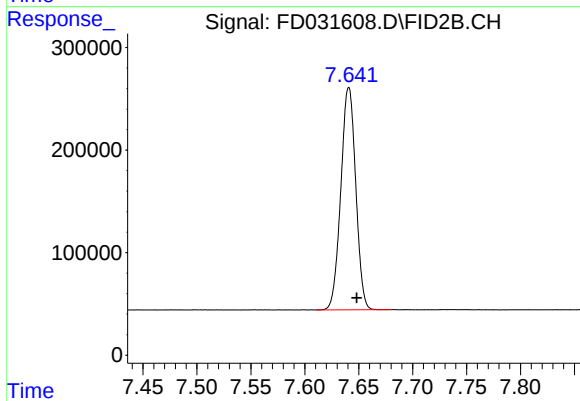
#2 Naphthalene (C11.7)

R.T.: 5.979 min  
Delta R.T.: -0.008 min  
Response: 2348825  
Conc: 18.24 ug/ml



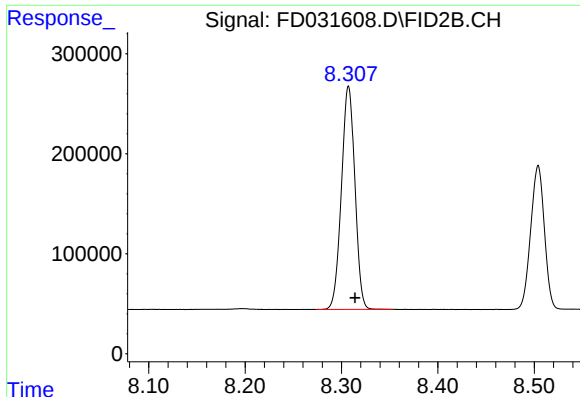
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min  
Delta R.T.: -0.007 min  
Response: 2302389  
Conc: 17.93 ug/ml



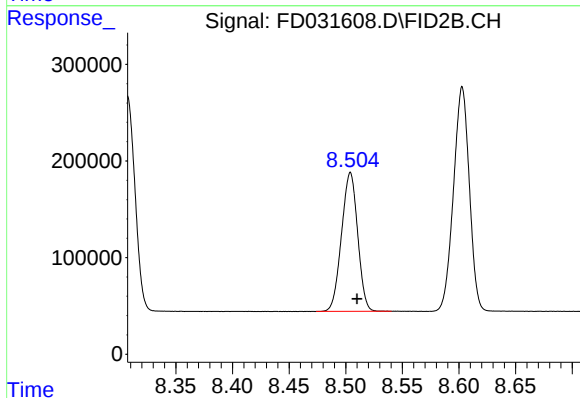
#4 2-Bromonaphthalene (SURR)

R.T.: 7.641 min  
Delta R.T.: -0.007 min  
Response: 2089465  
Conc: 17.55 ug/ml



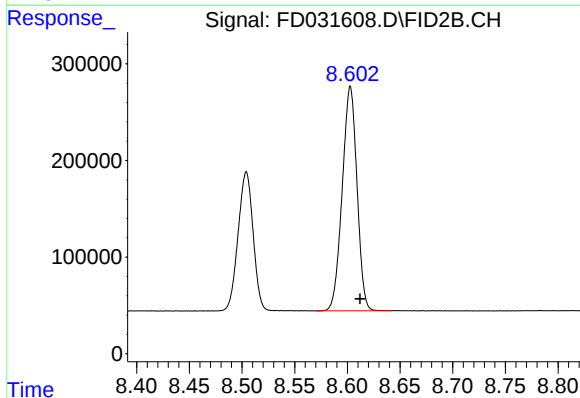
#5 Acenaphthylene (C15.06)

R.T.: 8.307 min  
Delta R.T.: -0.007 min  
Response: 2164252  
Conc: 17.19 ug/ml



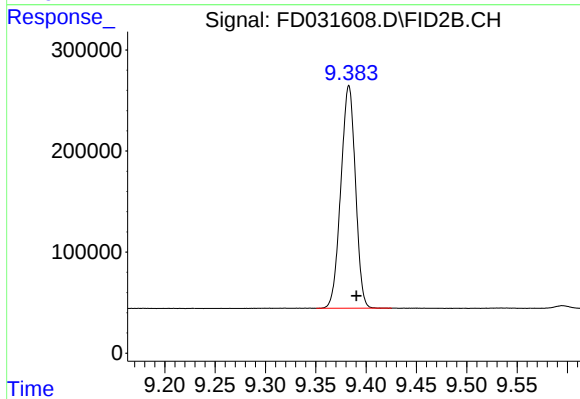
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min  
Delta R.T.: -0.006 min  
Response: 1424392  
Conc: 17.29 ug/ml



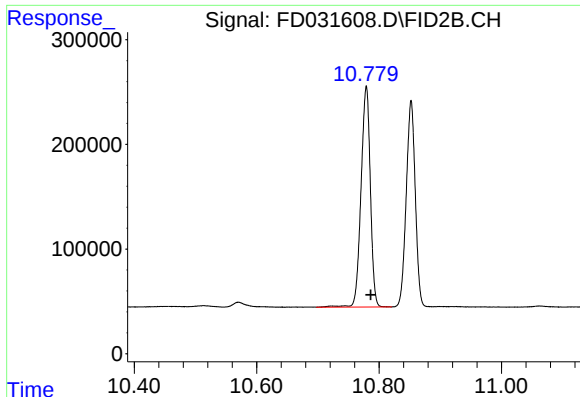
#7 Acenaphthene (C15.5)

R.T.: 8.603 min  
Delta R.T.: -0.009 min  
Response: 2264330  
Conc: 17.29 ug/ml



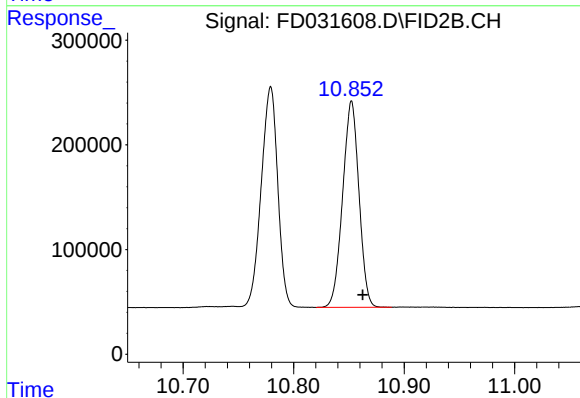
#8 Fluorene (C16.55)

R.T.: 9.383 min  
Delta R.T.: -0.007 min  
Response: 2225251  
Conc: 17.02 ug/ml



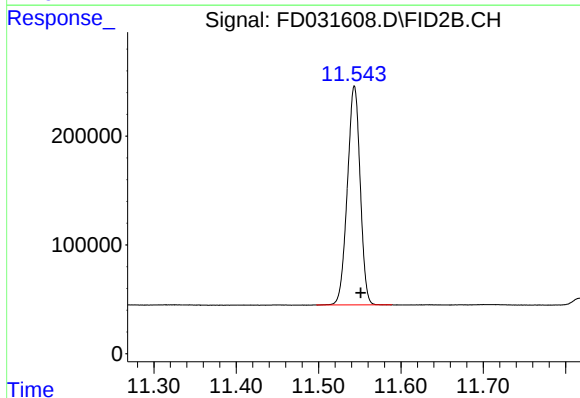
#9 Phenanthrene (C19.36)

R.T.: 10.779 min  
Delta R.T.: -0.007 min  
Response: 2226114  
Conc: 16.90 ug/ml



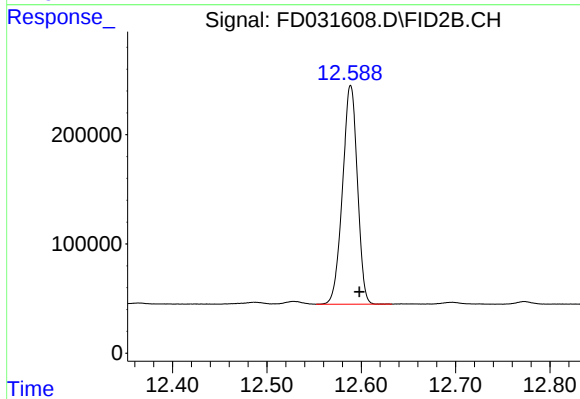
#10 Anthracene (C19.43)

R.T.: 10.852 min  
Delta R.T.: -0.010 min  
Response: 2022807  
Conc: 15.69 ug/ml



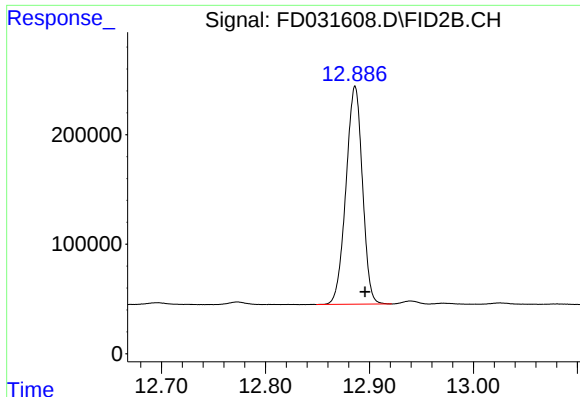
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min  
Delta R.T.: -0.008 min  
Response: 2176980  
Conc: 17.01 ug/ml



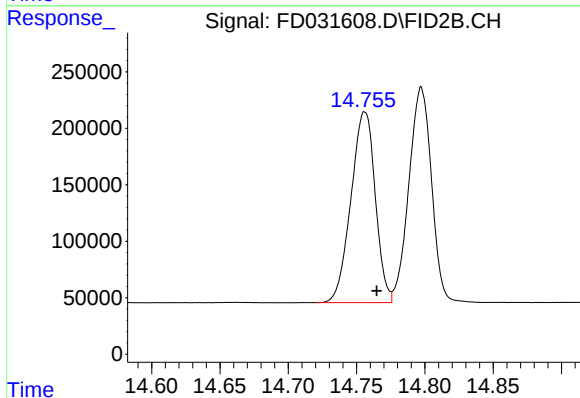
#12 Fluoranthene (C21.85)

R.T.: 12.589 min  
Delta R.T.: -0.009 min  
Response: 2193440  
Conc: 16.55 ug/ml



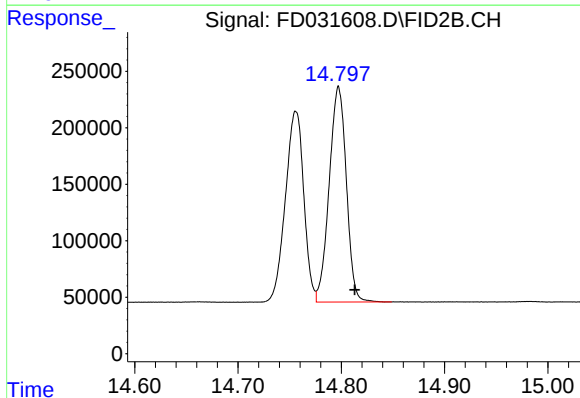
#13 Pyrene (C20.8)

R.T.: 12.886 min  
Delta R.T.: -0.009 min  
Response: 2188025  
Conc: 16.61 ug/ml



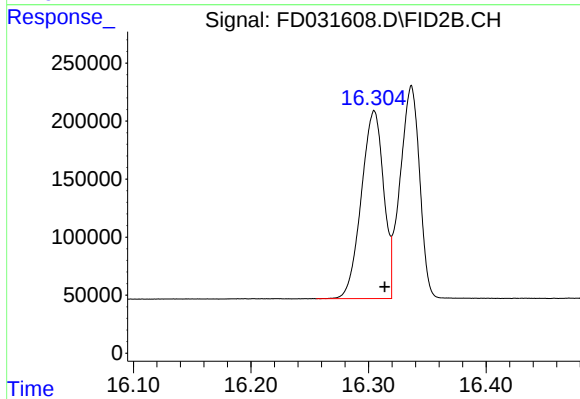
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.756 min  
Delta R.T.: -0.009 min  
Response: 2089667  
Conc: 16.51 ug/ml



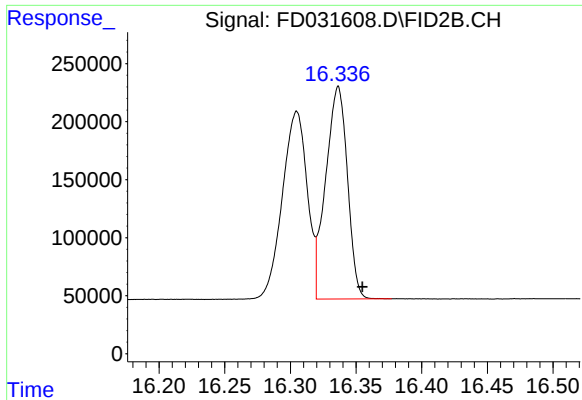
#15 Chrysene (C27.41)

R.T.: 14.797 min  
Delta R.T.: -0.016 min  
Response: 2200300  
Conc: 17.35 ug/ml



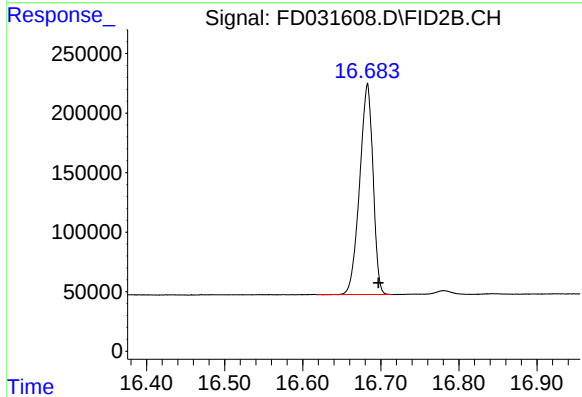
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.305 min  
Delta R.T.: -0.009 min  
Response: 2134763  
Conc: 17.01 ug/ml



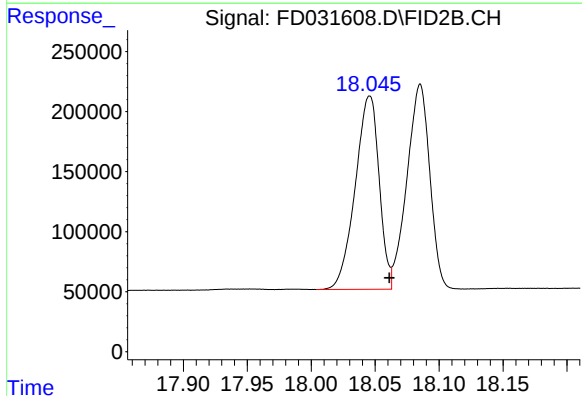
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.336 min  
Delta R.T.: -0.018 min  
Response: 2110879  
Conc: 16.77 ug/ml



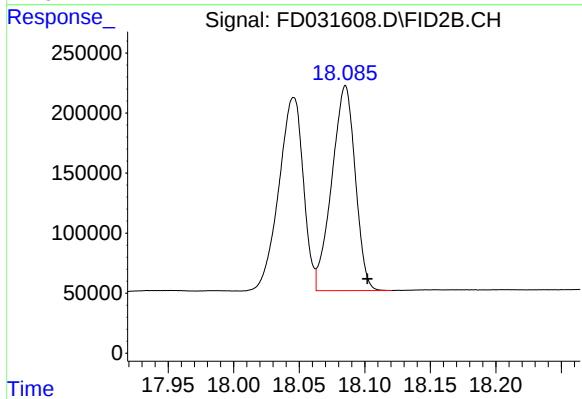
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min  
Delta R.T.: -0.014 min  
Response: 2105192  
Conc: 16.96 ug/ml



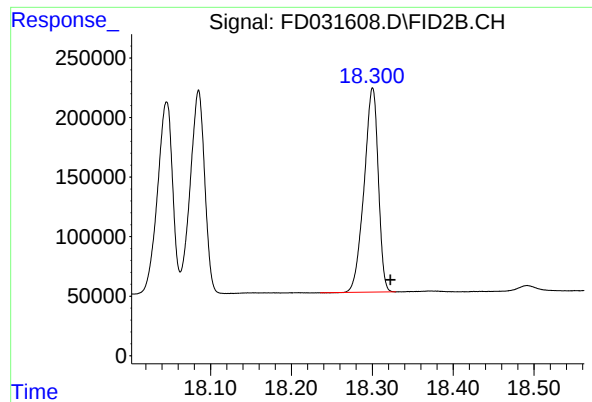
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.046 min  
Delta R.T.: -0.015 min  
Response: 2096100  
Conc: 17.23 ug/ml



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

R.T.: 18.085 min  
Delta R.T.: -0.017 min  
Response: 2123206  
Conc: 17.15 ug/ml



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

R.T.: 18.300 min  
Delta R.T.: -0.022 min  
Response: 2088968  
Conc: 17.32 ug/ml