

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD021519AR\  
 Data File : FD027789.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Feb 2019 3:16  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 16 05:24:35 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 05 01:03:41 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...      | 7.333  | 1724866    | 23.234 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.47%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.182  | 1151612    | 22.635 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.27%       |
| 11) S ortho-Terphenyl (SURR)       | 11.219 | 1900735    | 21.442 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.88%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.143  | 1657279    | 20.969 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.671  | 1921151    | 22.571 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.719  | 1962564    | 23.263 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.984  | 1892922    | 22.608 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.279  | 1972828    | 22.444 ug/ml |
| 8) T Flouorene (C16.55)            | 9.057  | 1902961    | 21.821 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.443 | 1813015    | 20.639 ug/ml |
| 10) T Anthracene (C19.43)          | 10.518 | 1810742    | 20.956 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.245 | 1821173    | 20.342 ug/ml |
| 13) T Pyrene (C20.8)               | 12.538 | 1791711    | 20.192 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.405 | 1733646    | 19.389 ug/ml |
| 15) T Chrysene (C27.41)            | 14.447 | 1844495    | 20.311 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.949 | 2004253    | 20.521 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.980 | 1997372    | 20.201 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.324 | 1920730    | 19.644 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.685 | 2060925    | 20.782 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.725 | 1854324    | 18.852 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.935 | 2099882    | 20.713 ug/ml |
| -----                              |        |            |              |

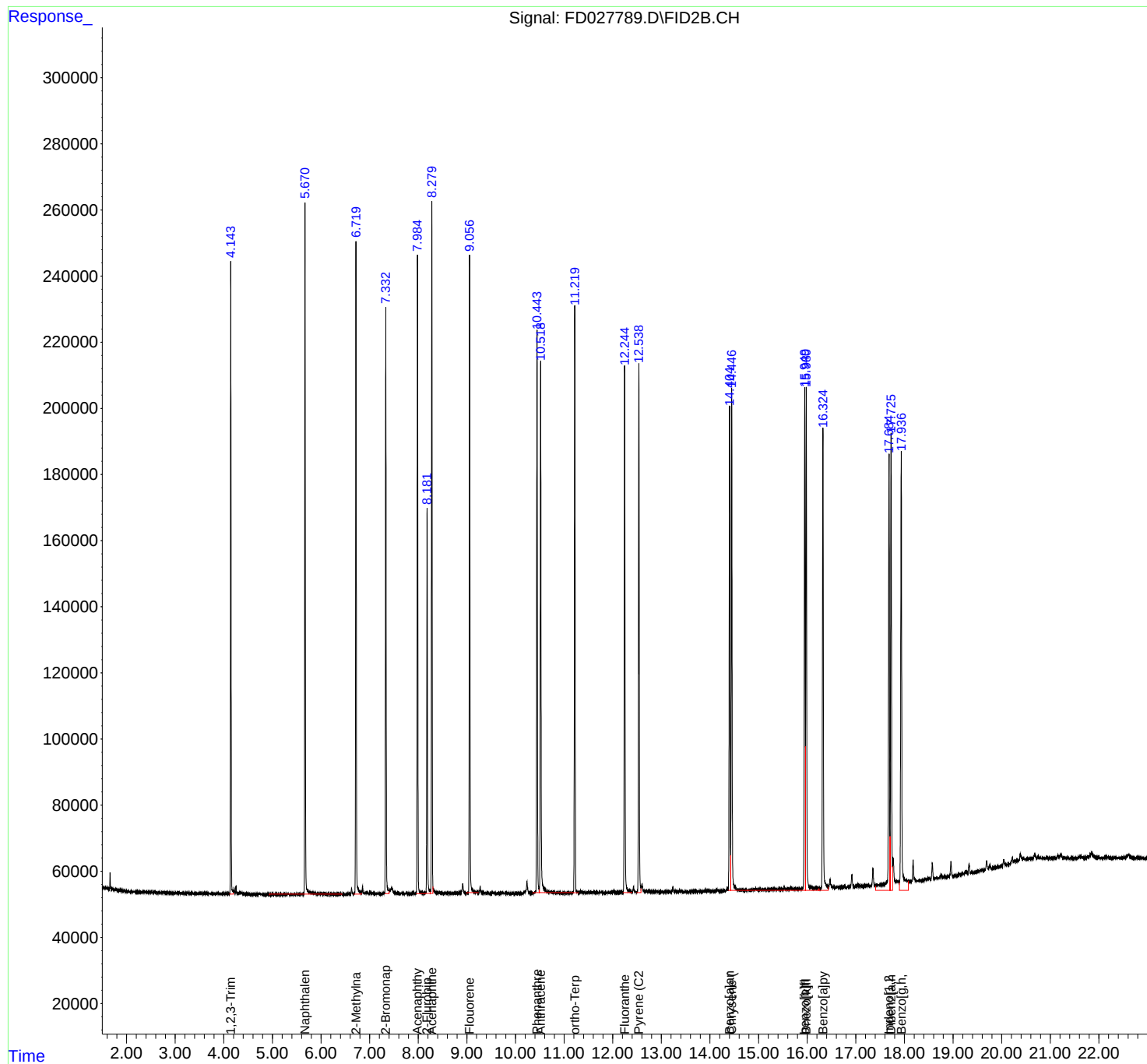
(f)=RT Delta > 1/2 Window

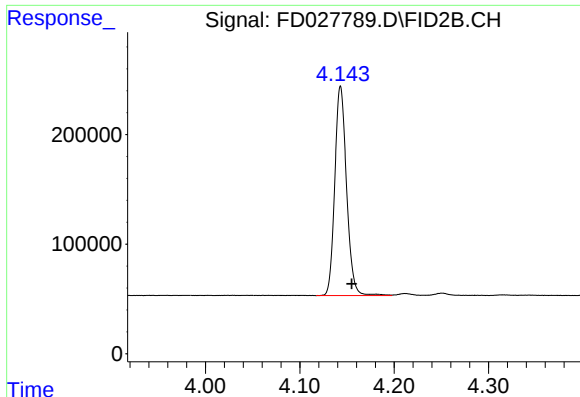
(m)=manual int.

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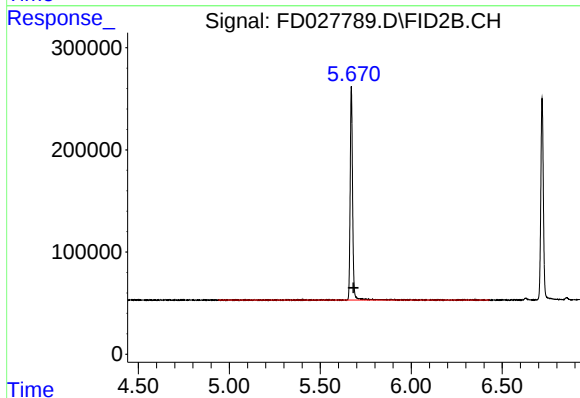
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





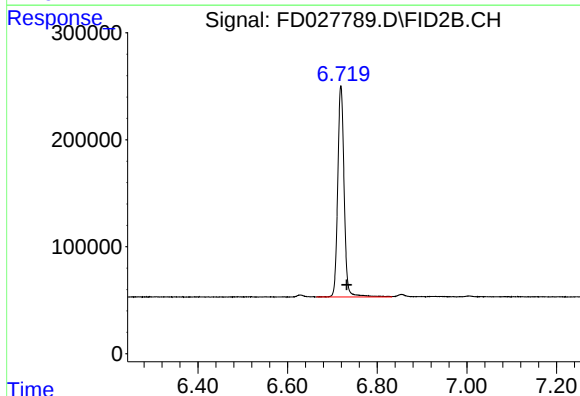
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.143 min  
Delta R.T.: -0.012 min  
Response: 1657279  
Conc: 20.97 ug/ml



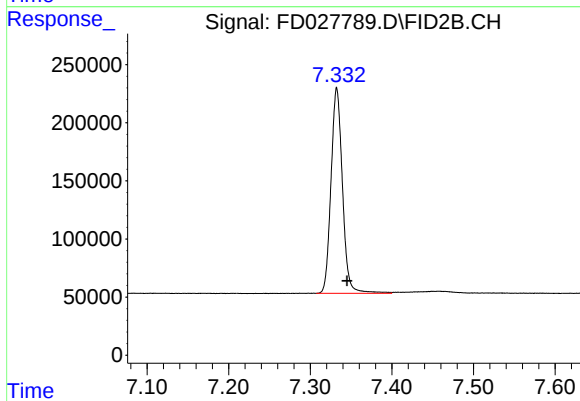
#2 Naphthalene (C11.7)

R.T.: 5.671 min  
Delta R.T.: -0.012 min  
Response: 1921151  
Conc: 22.57 ug/ml



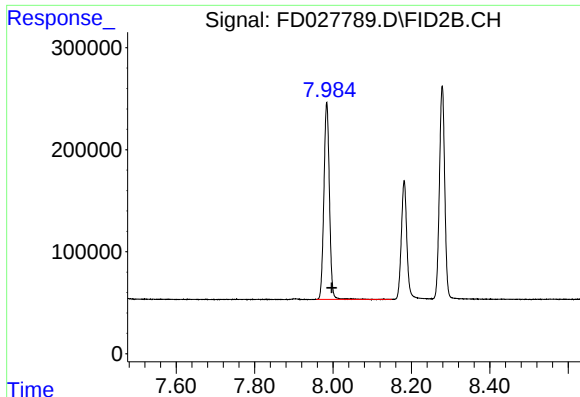
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min  
Delta R.T.: -0.013 min  
Response: 1962564  
Conc: 23.26 ug/ml



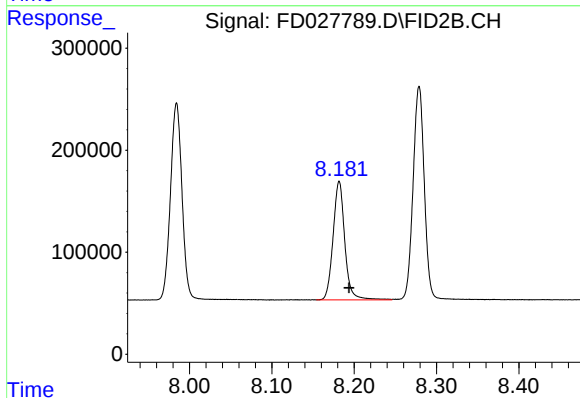
#4 2-Bromonaphthalene (SURR)

R.T.: 7.333 min  
Delta R.T.: -0.013 min  
Response: 1724866  
Conc: 23.23 ug/ml



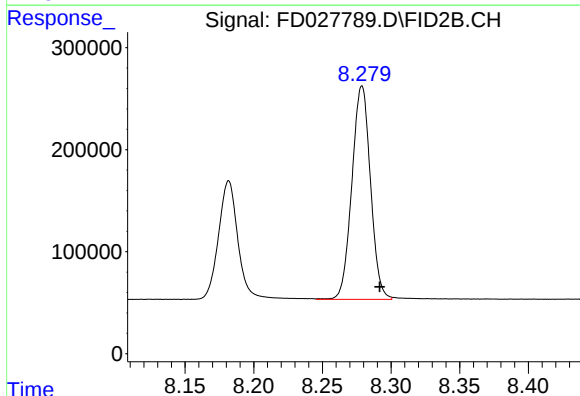
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min  
Delta R.T.: -0.012 min  
Response: 1892922  
Conc: 22.61 ug/ml



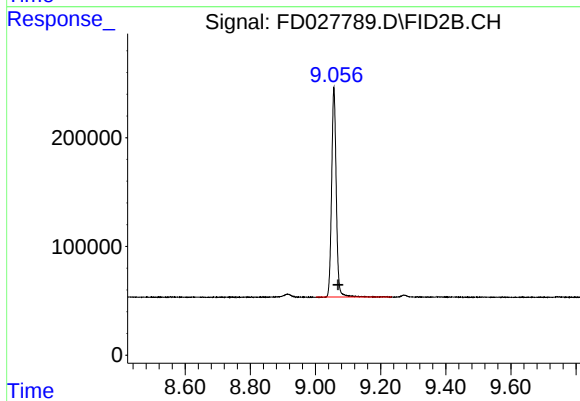
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min  
Delta R.T.: -0.012 min  
Response: 1151612  
Conc: 22.63 ug/ml



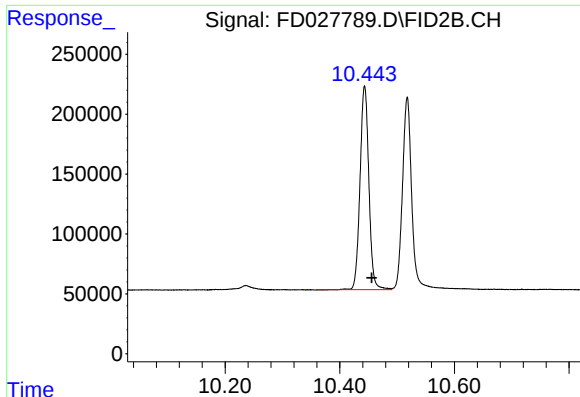
#7 Acenaphthene (C15.5)

R.T.: 8.279 min  
Delta R.T.: -0.013 min  
Response: 1972828  
Conc: 22.44 ug/ml



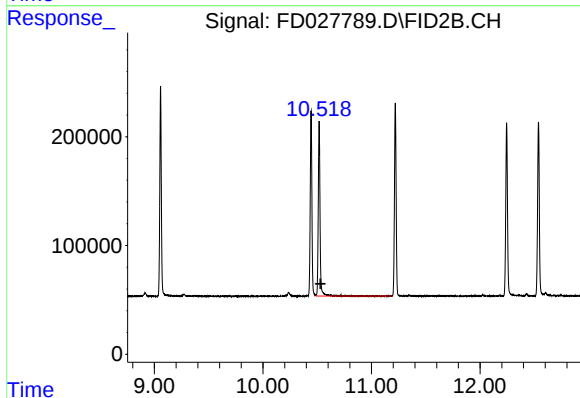
#8 Fluorene (C16.55)

R.T.: 9.057 min  
Delta R.T.: -0.013 min  
Response: 1902961  
Conc: 21.82 ug/ml



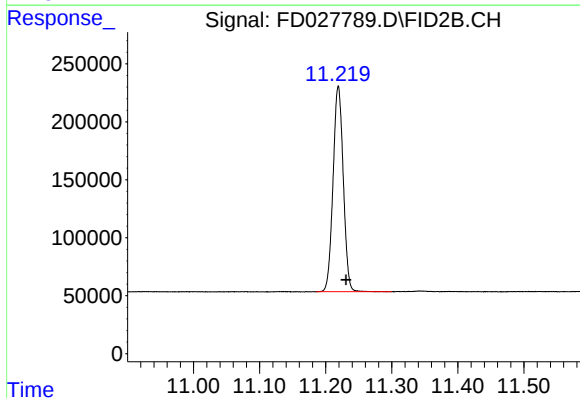
#9 Phenanthrene (C19.36)

R.T.: 10.443 min  
Delta R.T.: -0.012 min  
Response: 1813015  
Conc: 20.64 ug/ml



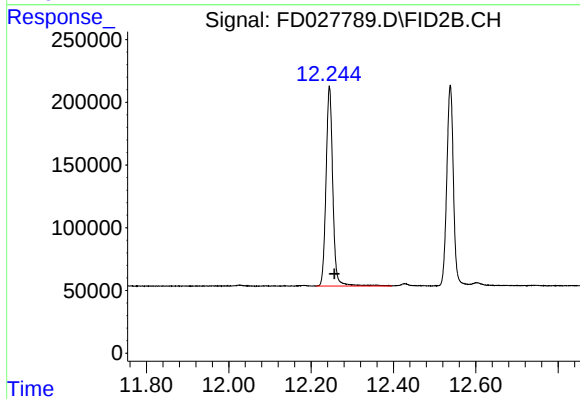
#10 Anthracene (C19.43)

R.T.: 10.518 min  
Delta R.T.: -0.012 min  
Response: 1810742  
Conc: 20.96 ug/ml



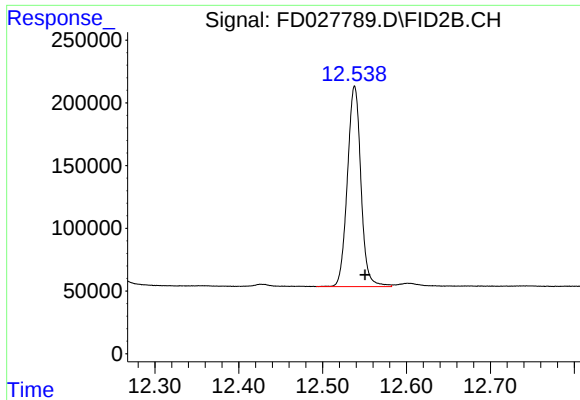
#11 ortho-Terphenyl (SURR)

R.T.: 11.219 min  
Delta R.T.: -0.012 min  
Response: 1900735  
Conc: 21.44 ug/ml



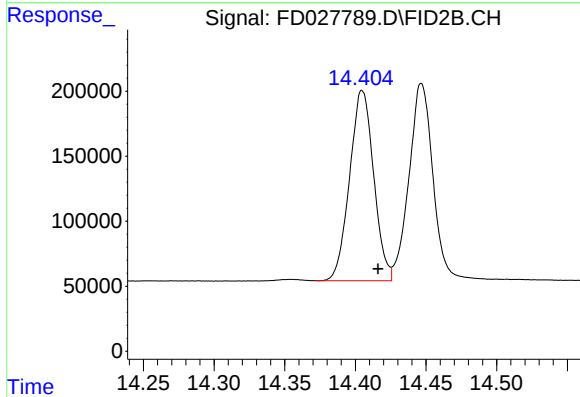
#12 Fluoranthene (C21.85)

R.T.: 12.245 min  
Delta R.T.: -0.012 min  
Response: 1821173  
Conc: 20.34 ug/ml



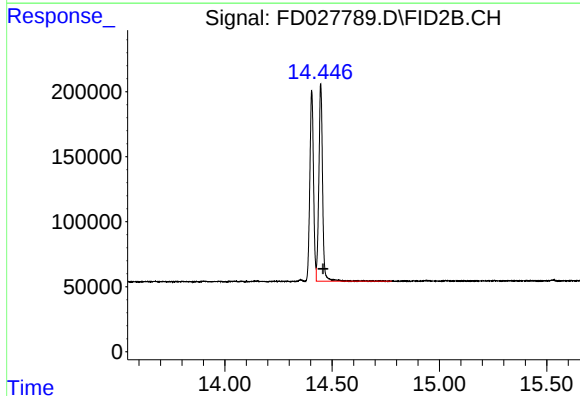
#13 Pyrene (C20.8)

R.T.: 12.538 min  
Delta R.T.: -0.012 min  
Response: 1791711  
Conc: 20.19 ug/ml



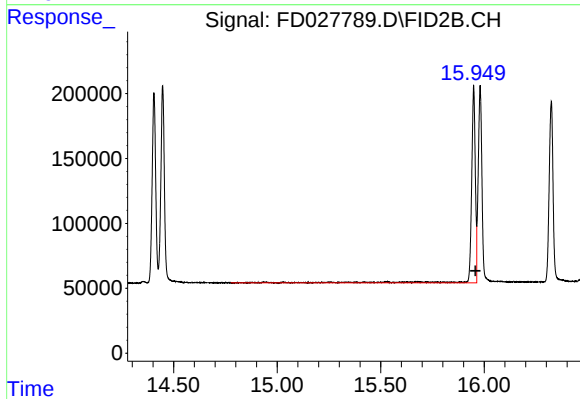
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min  
Delta R.T.: -0.011 min  
Response: 1733646  
Conc: 19.39 ug/ml



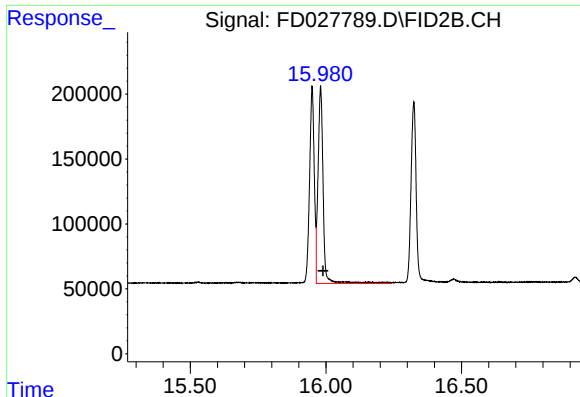
#15 Chrysene (C27.41)

R.T.: 14.447 min  
Delta R.T.: -0.011 min  
Response: 1844495  
Conc: 20.31 ug/ml



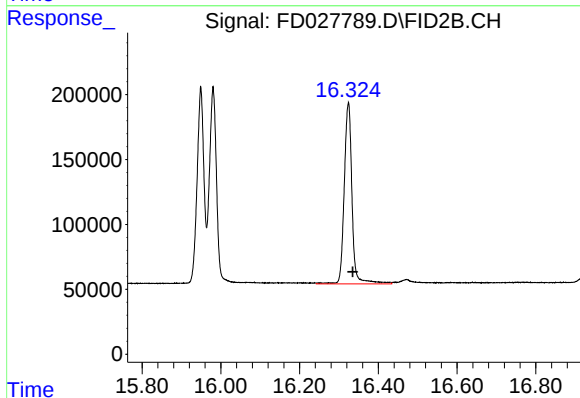
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.949 min  
Delta R.T.: -0.009 min  
Response: 2004253  
Conc: 20.52 ug/ml



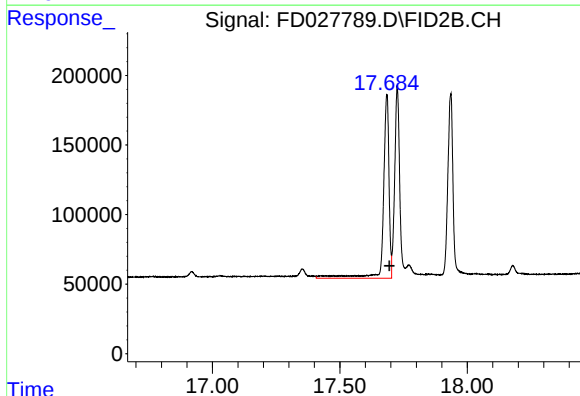
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.980 min  
Delta R.T.: -0.009 min  
Response: 1997372  
Conc: 20.20 ug/ml



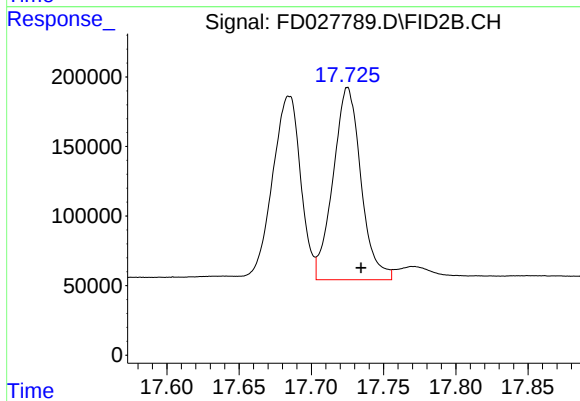
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.324 min  
Delta R.T.: -0.010 min  
Response: 1920730  
Conc: 19.64 ug/ml



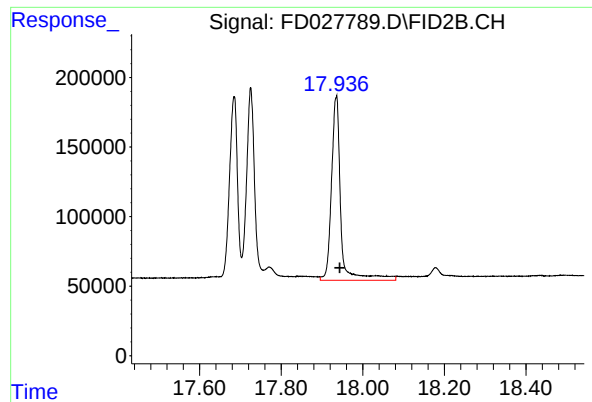
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.685 min  
Delta R.T.: -0.009 min  
Response: 2060925  
Conc: 20.78 ug/ml



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

R.T.: 17.725 min  
Delta R.T.: -0.009 min  
Response: 1854324  
Conc: 18.85 ug/ml



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

R.T.: 17.935 min  
Delta R.T.: -0.009 min  
Response: 2099882  
Conc: 20.71 ug/ml