

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111418AR\  
 Data File : FD026629.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Nov 2018 16:47  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 15 02:40:41 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110818.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 08 18:15:51 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...      | 7.387  | 1471271    | 19.377 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.75%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.237  | 1043365    | 19.954 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.91%       |
| 11) S ortho-Terphenyl (SURR)       | 11.280 | 1817637    | 21.444 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.89%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.191  | 1611735    | 20.191 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.722  | 1731221    | 19.727 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.773  | 1697419    | 19.584 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.041  | 1671726    | 19.723 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.336  | 1753789    | 19.836 ug/ml |
| 8) T Flouorene (C16.55)            | 9.115  | 1767730    | 20.058 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.504 | 1854610    | 21.126 ug/ml |
| 10) T Anthracene (C19.43)          | 10.578 | 1847927    | 21.106 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.309 | 1994136    | 22.897 ug/ml |
| 13) T Pyrene (C20.8)               | 12.604 | 2012932    | 23.224 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.471 | 1973427    | 23.207 ug/ml |
| 15) T Chrysene (C27.41)            | 14.513 | 1990828    | 23.231 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.017 | 2011863    | 21.611 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.050 | 2040958    | 22.040 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.391 | 1988717    | 21.070 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.753 | 1881507    | 19.593 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.795 | 1885514    | 20.087 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.006 | 1901301    | 19.340 ug/ml |
| -----                              |        |            |              |

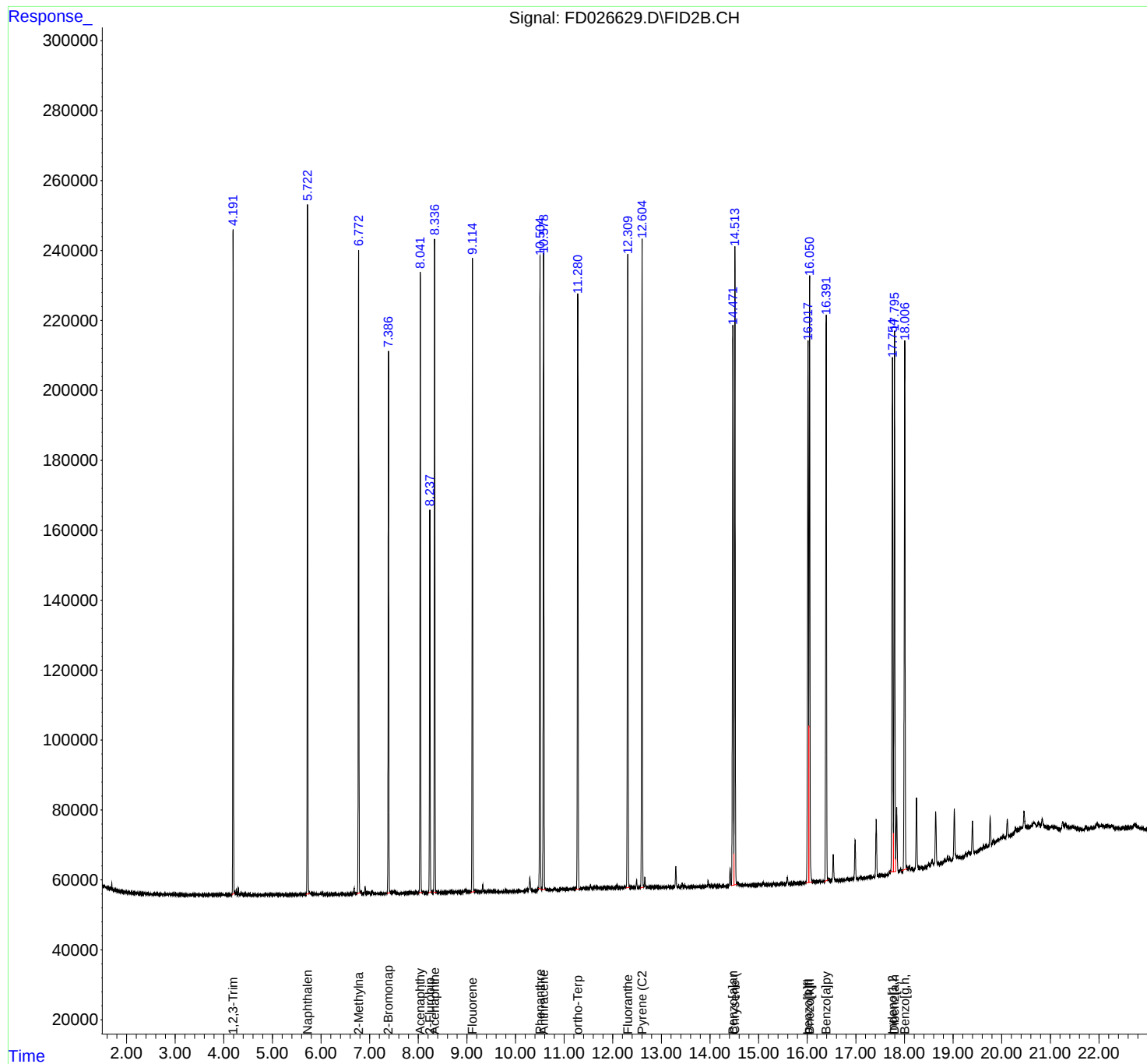
(f)=RT Delta > 1/2 Window

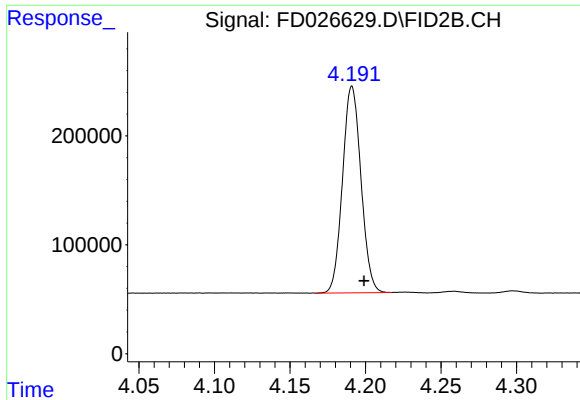
(m)=manual int.

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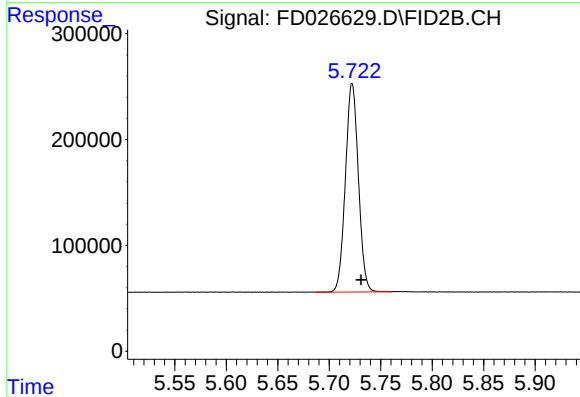
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





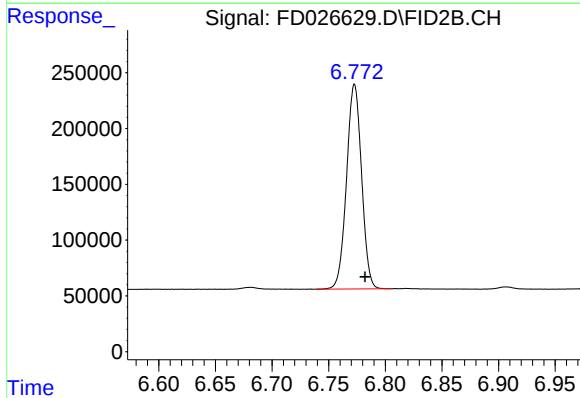
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.191 min  
Delta R.T.: -0.008 min  
Response: 1611735  
Conc: 20.19 ug/ml



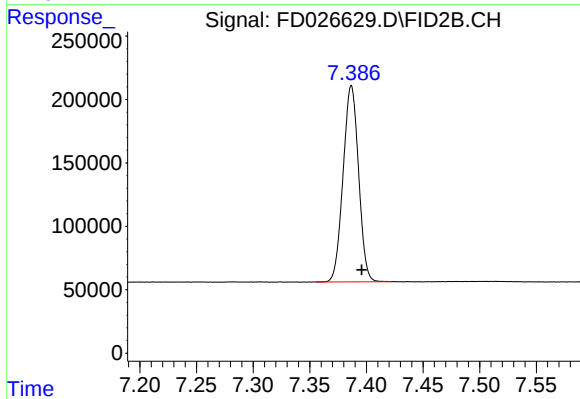
#2 Naphthalene (C11.7)

R.T.: 5.722 min  
Delta R.T.: -0.009 min  
Response: 1731221  
Conc: 19.73 ug/ml



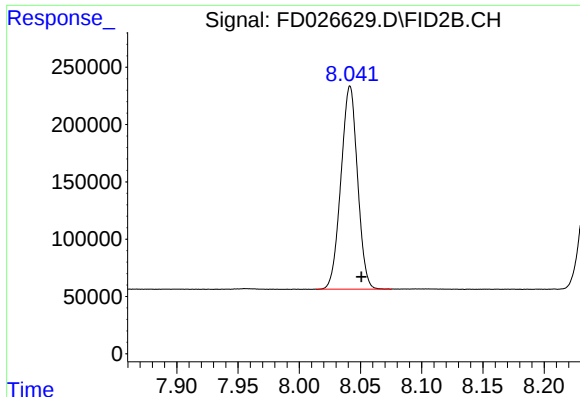
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.773 min  
Delta R.T.: -0.009 min  
Response: 1697419  
Conc: 19.58 ug/ml



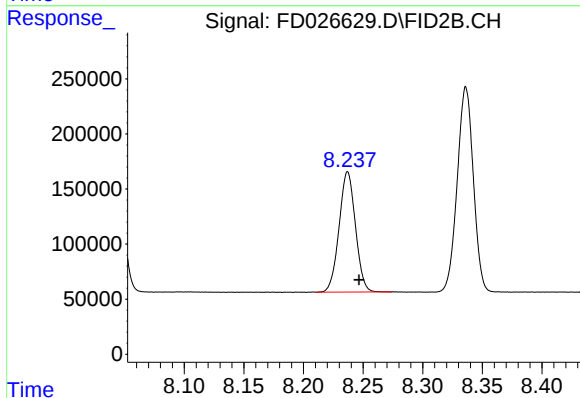
#4 2-Bromonaphthalene (SURR)

R.T.: 7.387 min  
Delta R.T.: -0.009 min  
Response: 1471271  
Conc: 19.38 ug/ml



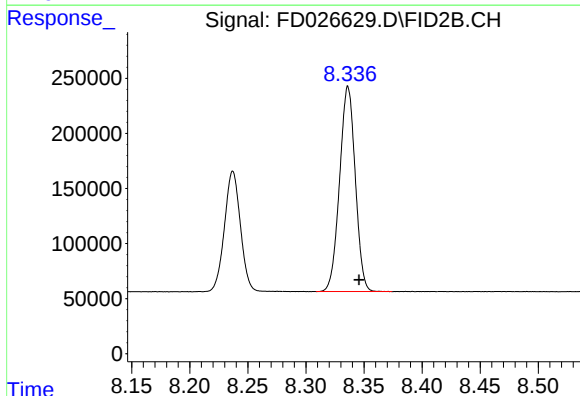
#5 Acenaphthylene (C15.06)

R.T.: 8.041 min  
Delta R.T.: -0.009 min  
Response: 1671726  
Conc: 19.72 ug/ml



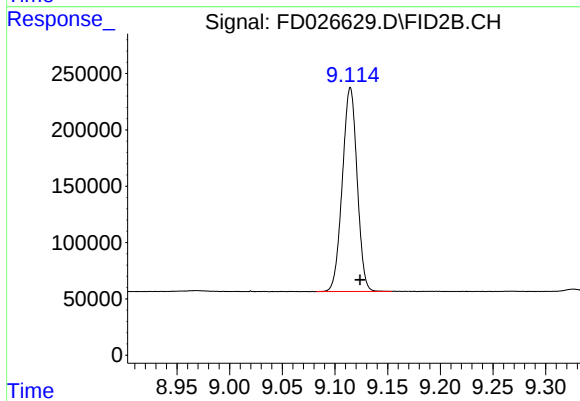
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.237 min  
Delta R.T.: -0.010 min  
Response: 1043365  
Conc: 19.95 ug/ml



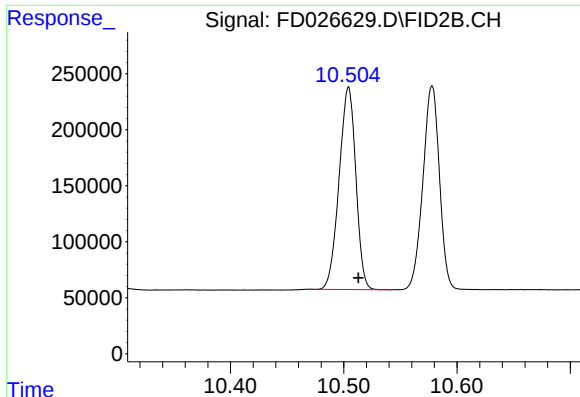
#7 Acenaphthene (C15.5)

R.T.: 8.336 min  
Delta R.T.: -0.010 min  
Response: 1753789  
Conc: 19.84 ug/ml



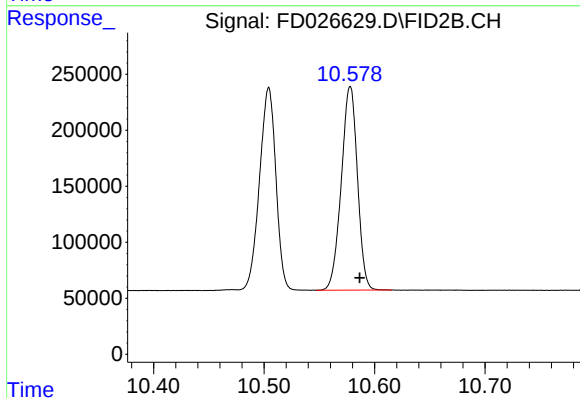
#8 Flouorene (C16.55)

R.T.: 9.115 min  
Delta R.T.: -0.009 min  
Response: 1767730  
Conc: 20.06 ug/ml



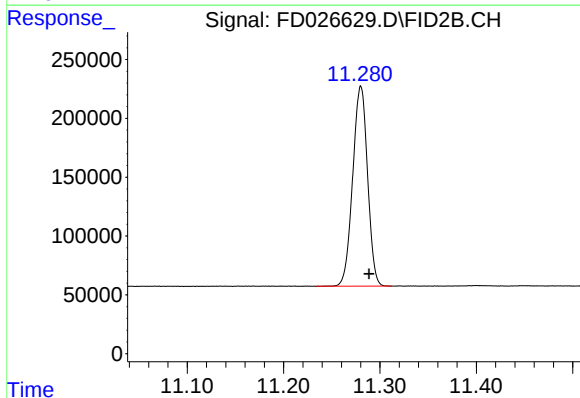
#9 Phenanthrene (C19.36)

R.T.: 10.504 min  
Delta R.T.: -0.009 min  
Response: 1854610  
Conc: 21.13 ug/ml



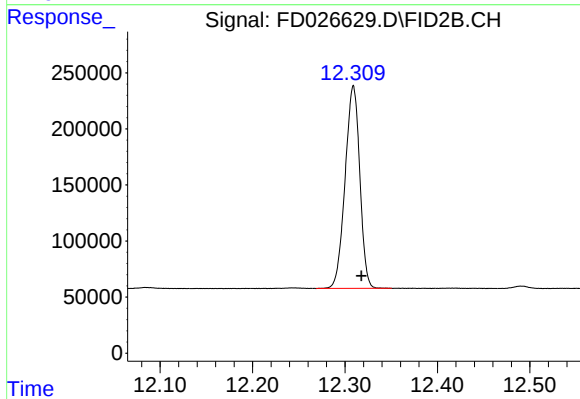
#10 Anthracene (C19.43)

R.T.: 10.578 min  
Delta R.T.: -0.008 min  
Response: 1847927  
Conc: 21.11 ug/ml



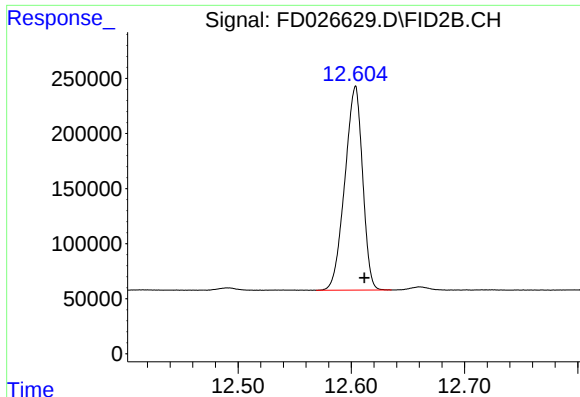
#11 ortho-Terphenyl (SURR)

R.T.: 11.280 min  
Delta R.T.: -0.008 min  
Response: 1817637  
Conc: 21.44 ug/ml



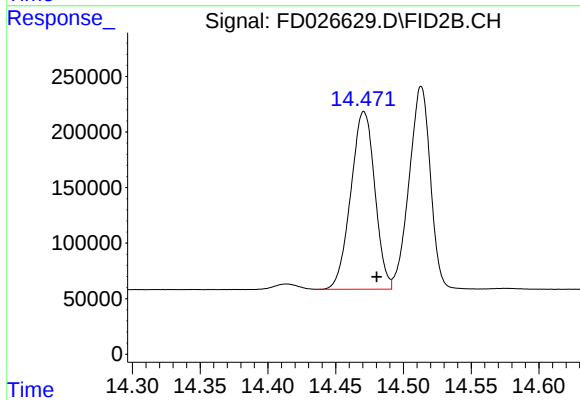
#12 Fluoranthene (C21.85)

R.T.: 12.309 min  
Delta R.T.: -0.008 min  
Response: 1994136  
Conc: 22.90 ug/ml



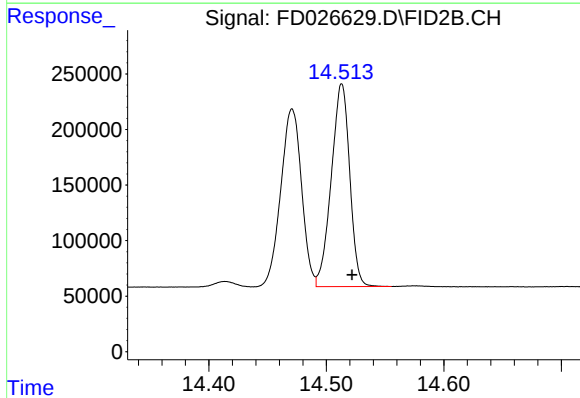
#13 Pyrene (C20.8)

R.T.: 12.604 min  
Delta R.T.: -0.008 min  
Response: 2012932  
Conc: 23.22 ug/ml



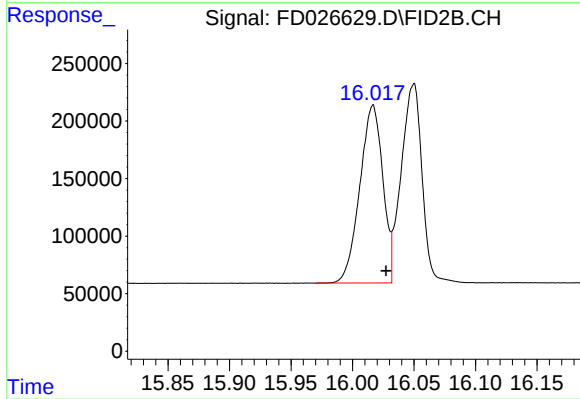
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.471 min  
Delta R.T.: -0.009 min  
Response: 1973427  
Conc: 23.21 ug/ml



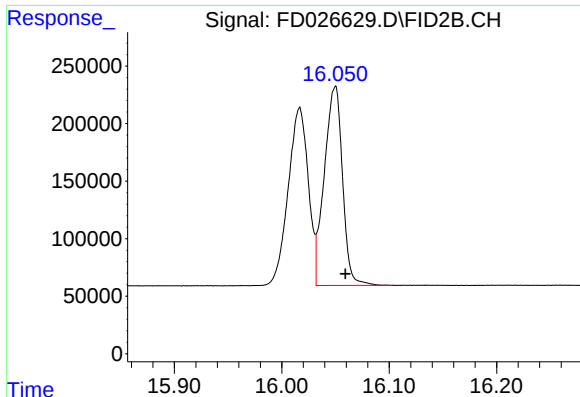
#15 Chrysene (C27.41)

R.T.: 14.513 min  
Delta R.T.: -0.009 min  
Response: 1990828  
Conc: 23.23 ug/ml



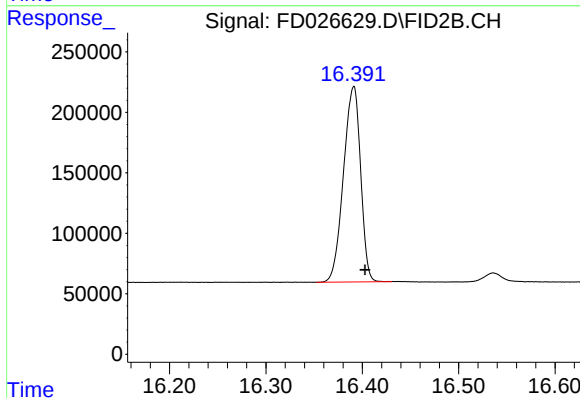
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.017 min  
Delta R.T.: -0.011 min  
Response: 2011863  
Conc: 21.61 ug/ml



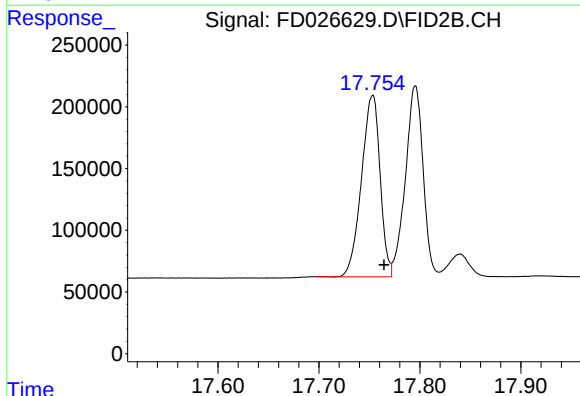
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.050 min  
Delta R.T.: -0.009 min  
Response: 2040958  
Conc: 22.04 ug/ml



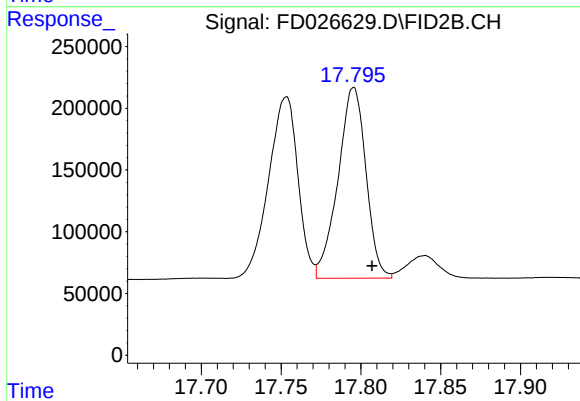
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min  
Delta R.T.: -0.012 min  
Response: 1988717  
Conc: 21.07 ug/ml



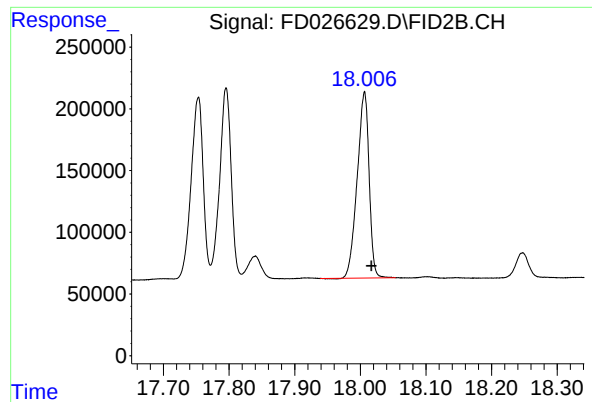
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min  
Delta R.T.: -0.011 min  
Response: 1881507  
Conc: 19.59 ug/ml



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

R.T.: 17.795 min  
Delta R.T.: -0.012 min  
Response: 1885514  
Conc: 20.09 ug/ml



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

R.T.: 18.006 min  
Delta R.T.: -0.011 min  
Response: 1901301  
Conc: 19.34 ug/ml