

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092018AR\  
 Data File : FD025636.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Sep 2018 10:01  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 21 05:06:54 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 082118.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 21 14:40:04 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...      | 7.430  | 1683145    | 20.879 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.76%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.282  | 1164270    | 20.503 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.01%       |
| 11) S ortho-Terphenyl (SURR)       | 11.326 | 1870917    | 19.959 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.92%       |
|                                    |        |            |              |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.232  | 1779635    | 22.649 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.765  | 1924650    | 22.005 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.817  | 1897443    | 21.400 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.086  | 1851681    | 20.772 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.382  | 1929075    | 20.623 ug/ml |
| 8) T Flouorene (C16.55)            | 9.160  | 1915831    | 20.021 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.550 | 1941098    | 20.098 ug/ml |
| 10) T Anthracene (C19.43)          | 10.624 | 1892046    | 19.939 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.355 | 1978796    | 20.627 ug/ml |
| 13) T Pyrene (C20.8)               | 12.650 | 1990821    | 20.806 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.517 | 2031099    | 22.695 ug/ml |
| 15) T Chrysene (C27.41)            | 14.559 | 2057600    | 22.935 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.063 | 2188329    | 22.900 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.095 | 2210344    | 22.826 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.438 | 2189484    | 22.505 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.798 | 2134256    | 20.819 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.841 | 2102944    | 20.876 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.052 | 2203891    | 21.303 ug/ml |
| -----                              |        |            |              |

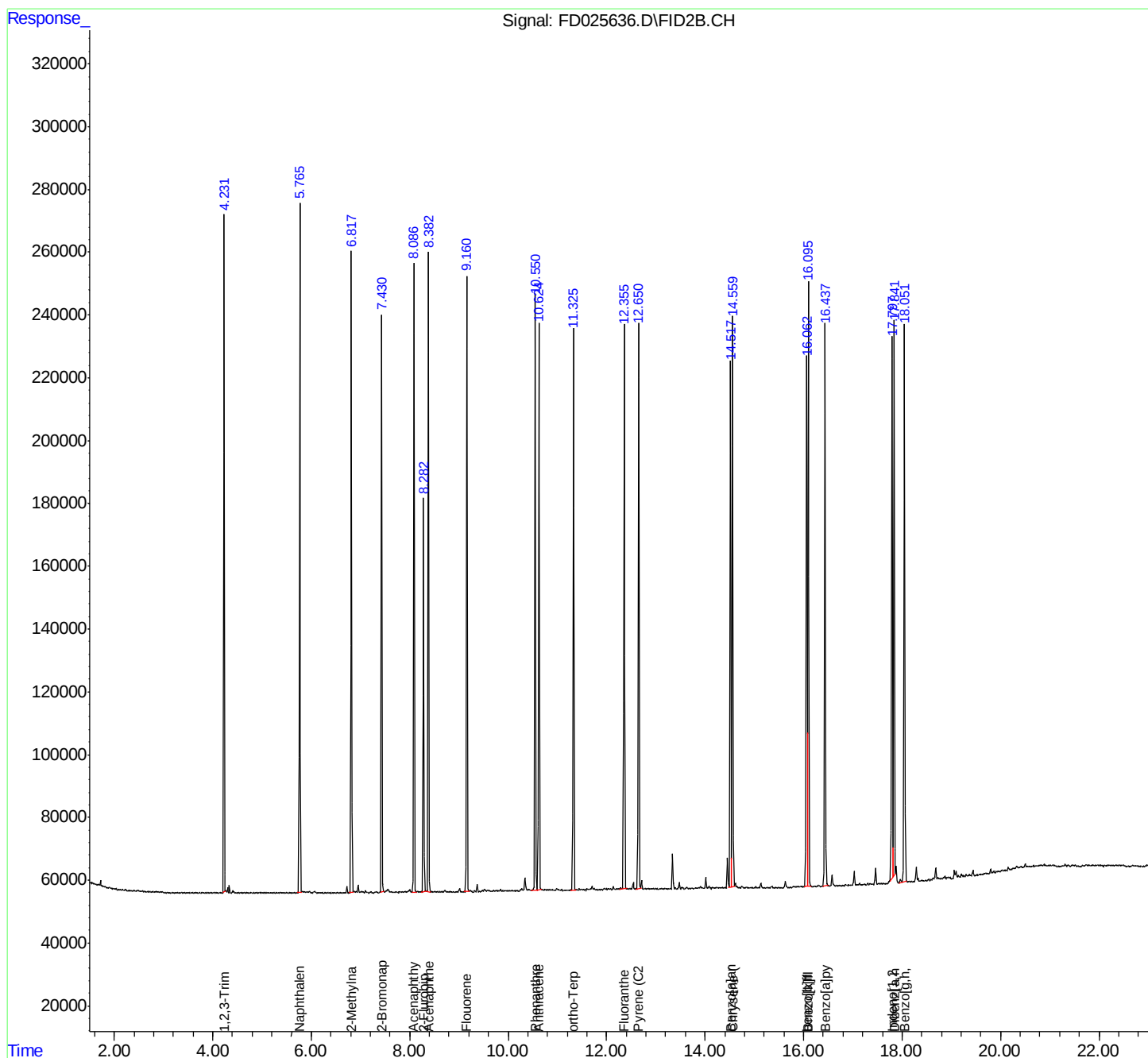
(f)=RT Delta > 1/2 Window

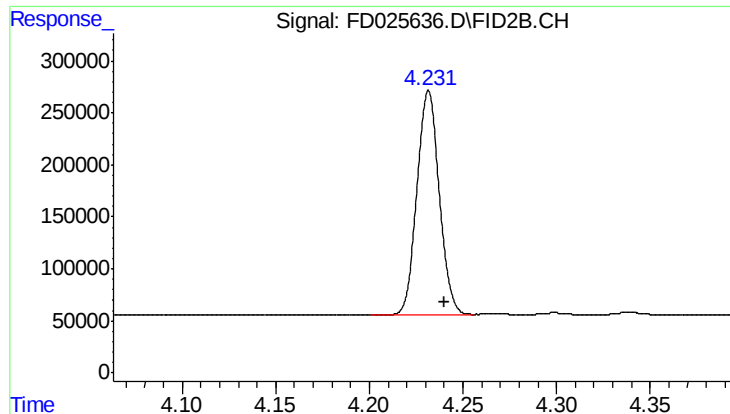
(m)=manual int.

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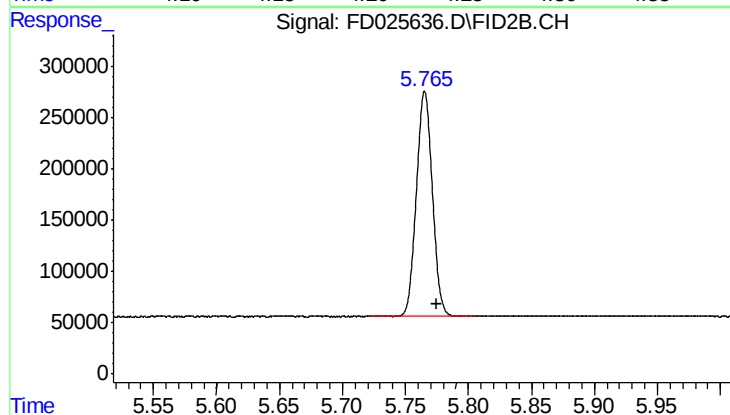
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





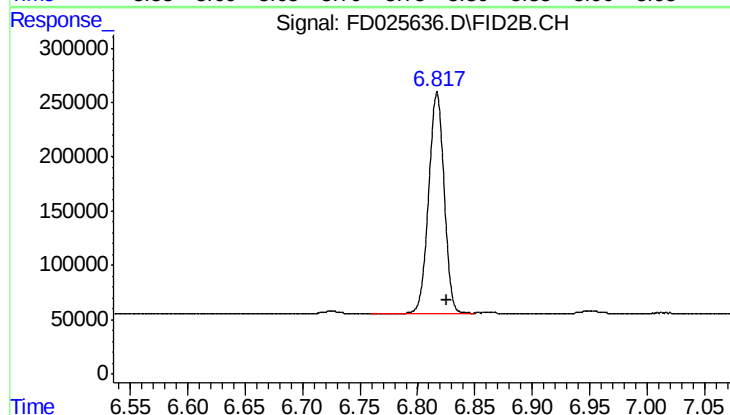
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.232 min  
Delta R.T.: -0.008 min  
Response: 1779635  
Conc: 22.65 ug/ml



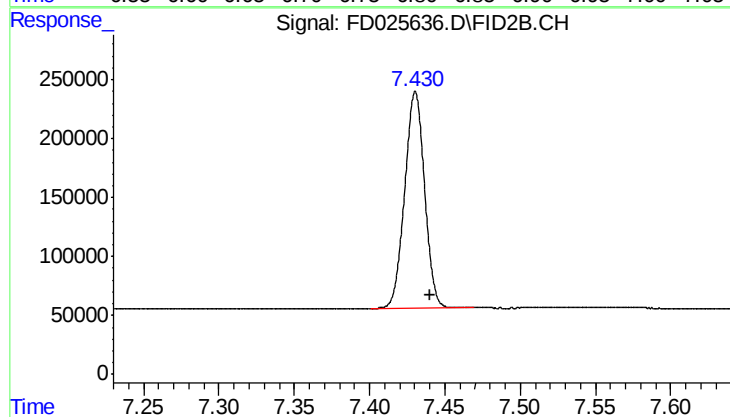
#2 Naphthalene (C11.7)

R.T.: 5.765 min  
Delta R.T.: -0.010 min  
Response: 1924650  
Conc: 22.01 ug/ml



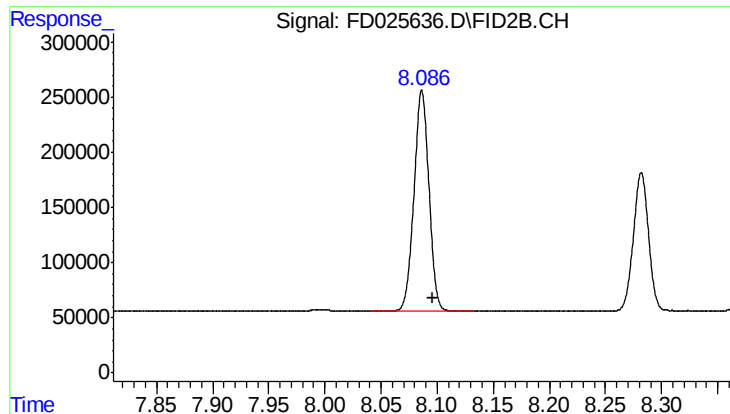
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.817 min  
Delta R.T.: -0.009 min  
Response: 1897443  
Conc: 21.40 ug/ml



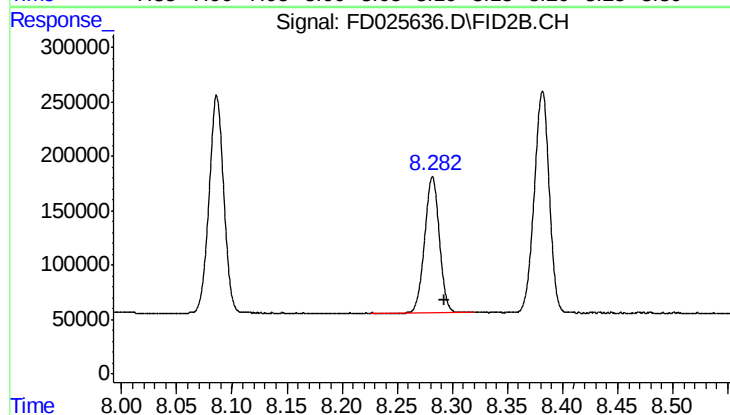
#4 2-Bromonaphthalene (SURR)

R.T.: 7.430 min  
Delta R.T.: -0.010 min  
Response: 1683145  
Conc: 20.88 ug/ml



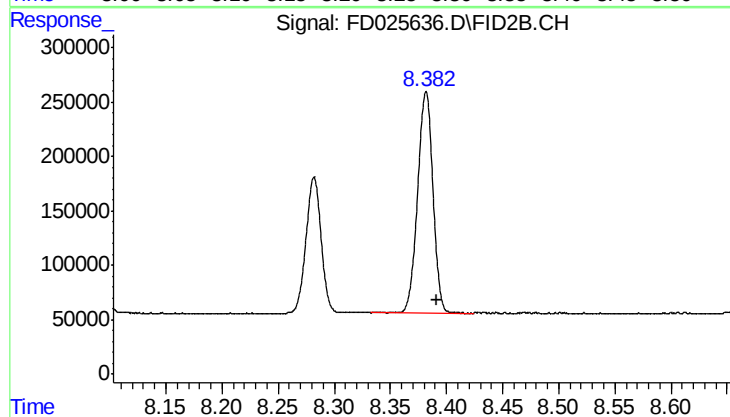
#5 Acenaphthylene (C15.06)

R.T.: 8.086 min  
Delta R.T.: -0.010 min  
Response: 1851681  
Conc: 20.77 ug/ml



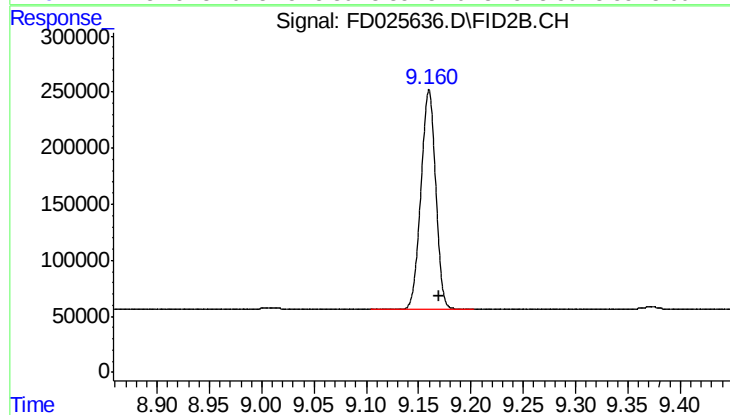
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.282 min  
Delta R.T.: -0.010 min  
Response: 1164270  
Conc: 20.50 ug/ml



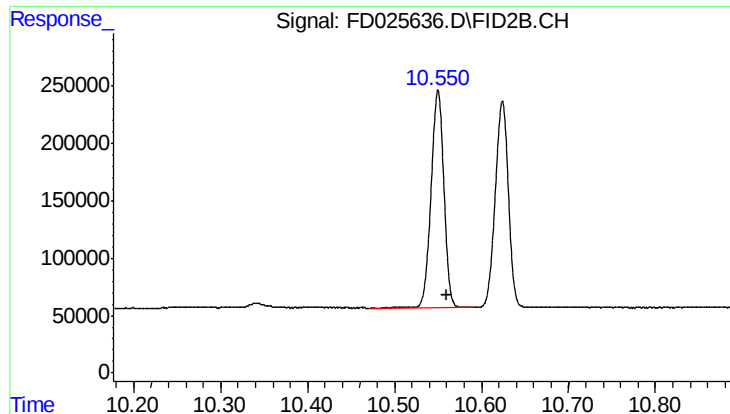
#7 Acenaphthene (C15.5)

R.T.: 8.382 min  
Delta R.T.: -0.009 min  
Response: 1929075  
Conc: 20.62 ug/ml



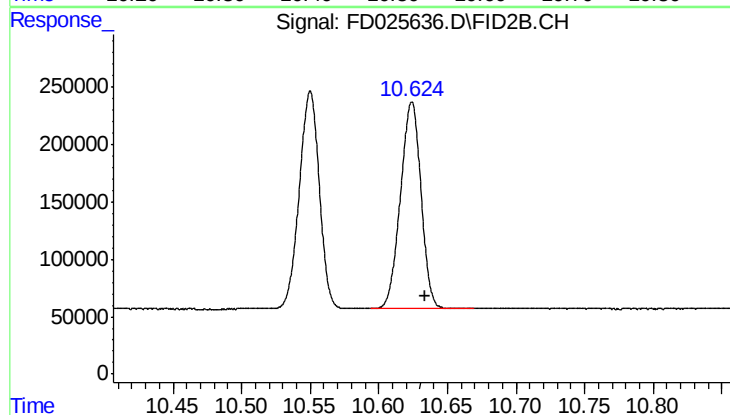
#8 Fluorene (C16.55)

R.T.: 9.160 min  
Delta R.T.: -0.010 min  
Response: 1915831  
Conc: 20.02 ug/ml



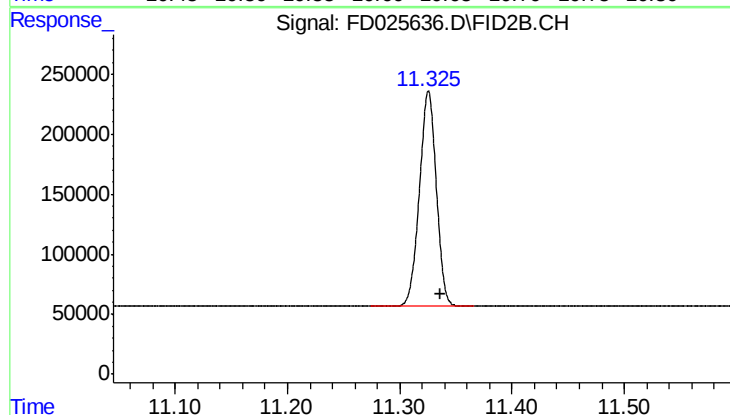
#9 Phenanthrene (C19.36)

R.T.: 10.550 min  
Delta R.T.: -0.010 min  
Response: 1941098  
Conc: 20.10 ug/ml



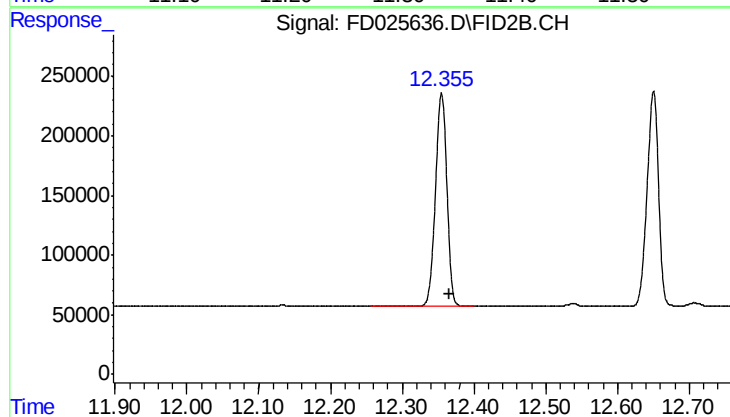
#10 Anthracene (C19.43)

R.T.: 10.624 min  
Delta R.T.: -0.009 min  
Response: 1892046  
Conc: 19.94 ug/ml



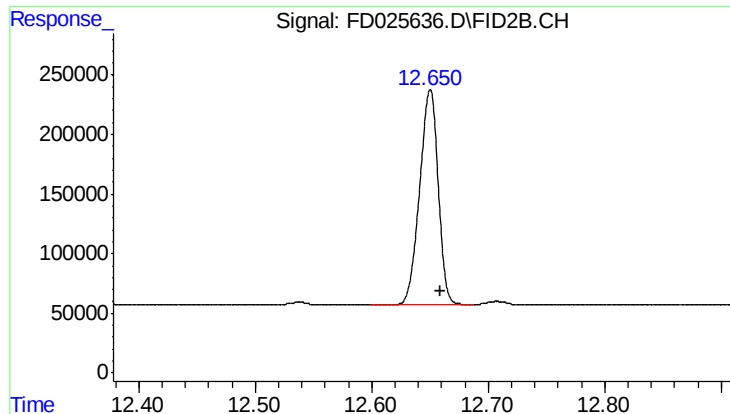
#11 ortho-Terphenyl (SURR)

R.T.: 11.326 min  
Delta R.T.: -0.010 min  
Response: 1870917  
Conc: 19.96 ug/ml



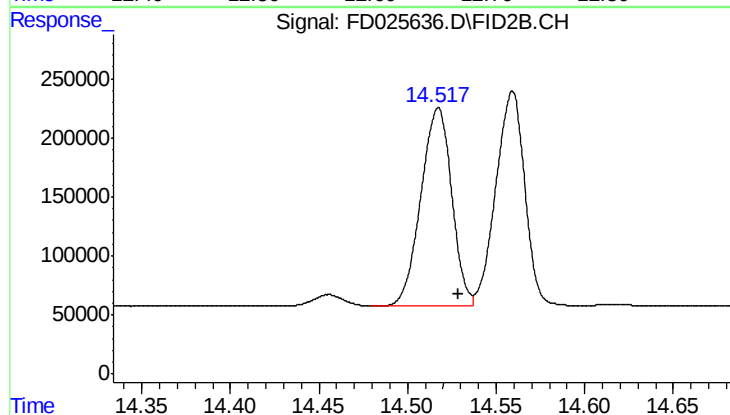
#12 Fluoranthene (C21.85)

R.T.: 12.355 min  
Delta R.T.: -0.011 min  
Response: 1978796  
Conc: 20.63 ug/ml



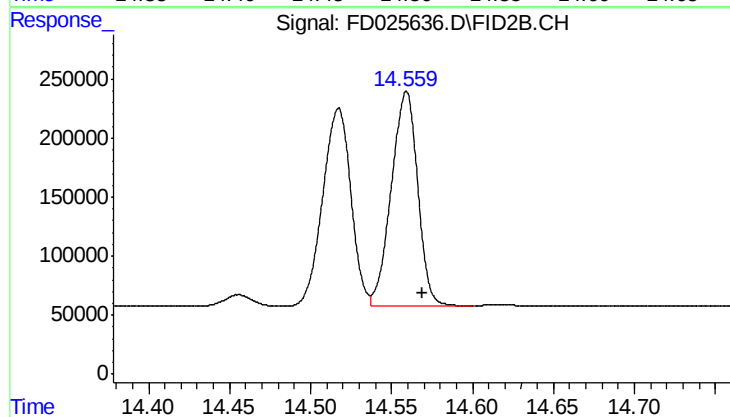
#13 Pyrene (C20.8)

R.T.: 12.650 min  
Delta R.T.: -0.009 min  
Response: 1990821  
Conc: 20.81 ug/ml



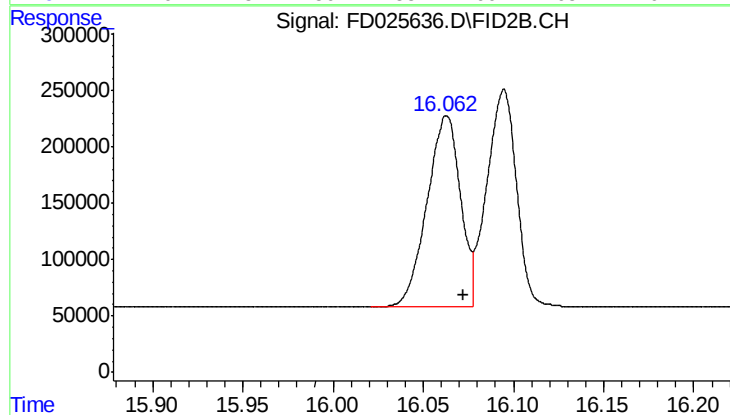
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.517 min  
Delta R.T.: -0.011 min  
Response: 2031099  
Conc: 22.70 ug/ml



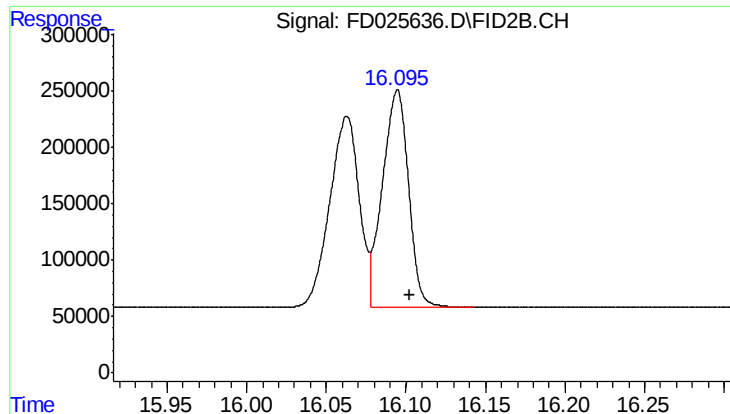
#15 Chrysene (C27.41)

R.T.: 14.559 min  
Delta R.T.: -0.010 min  
Response: 2057600  
Conc: 22.93 ug/ml



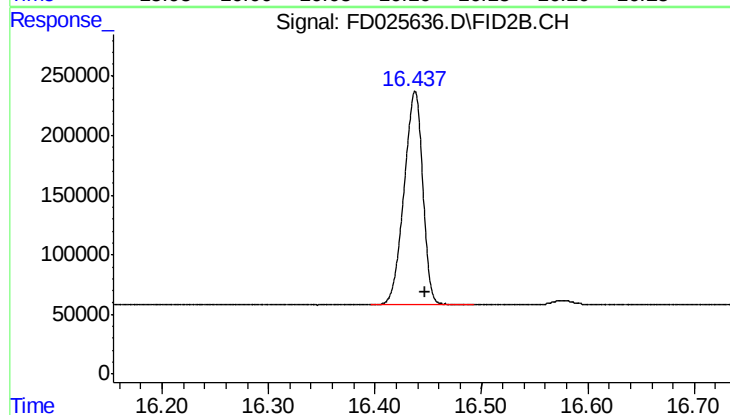
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.063 min  
Delta R.T.: -0.009 min  
Response: 2188329  
Conc: 22.90 ug/ml



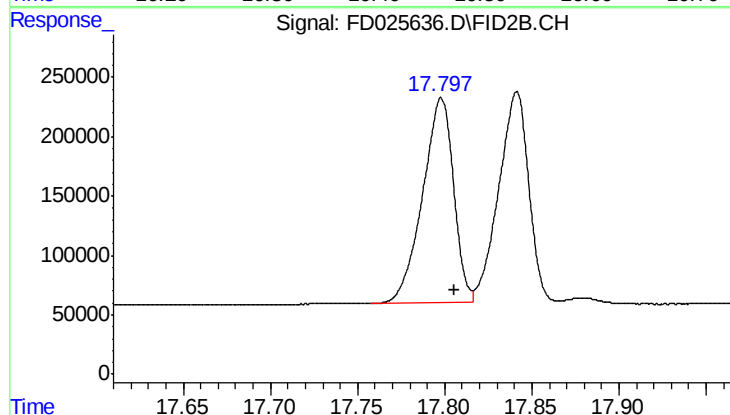
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.095 min  
Delta R.T.: -0.008 min  
Response: 2210344  
Conc: 22.83 ug/ml



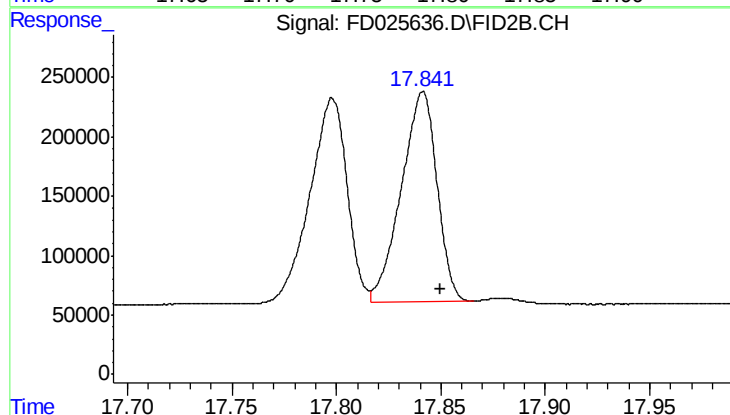
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.438 min  
Delta R.T.: -0.009 min  
Response: 2189484  
Conc: 22.50 ug/ml



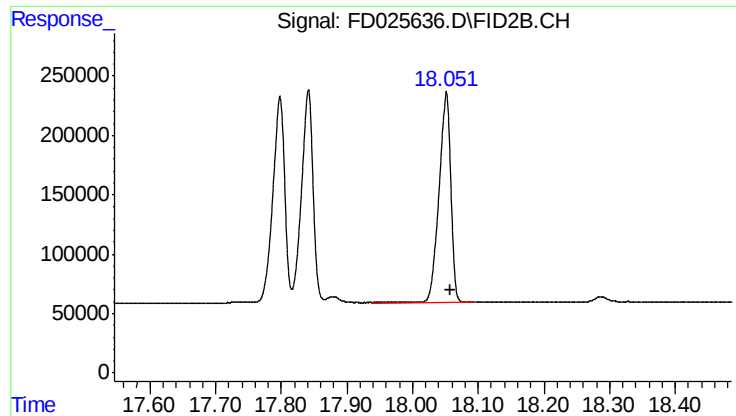
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min  
Delta R.T.: -0.007 min  
Response: 2134256  
Conc: 20.82 ug/ml



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

R.T.: 17.841 min  
Delta R.T.: -0.009 min  
Response: 2102944  
Conc: 20.88 ug/ml



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

R.T.: 18.052 min  
Delta R.T.: -0.006 min  
Response: 2203891  
Conc: 21.30 ug/ml