

Data Path : P:\HPCHEM1\FID D\Data\FD012418AR\  
 Data File : FD019216.D  
 Signal(s) : FID2B.CH  
 Acq On : 25 Jan 2018 12:52  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 25 15:42:24 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 011818.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 19 04:27:29 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...      | 7.367  | 1596298    | 19.729 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.46%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.227  | 1063627    | 19.446 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.89%       |
| 11) S ortho-Terphenyl (SURR)       | 11.254 | 1926547    | 19.474 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.95%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.174  | 1586472    | 17.921 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.706  | 1745720    | 19.546 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.756  | 1772091    | 19.302 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.024  | 1855962    | 19.573 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.316  | 1938681    | 19.873 ug/ml |
| 8) T Fluorene (C16.55)             | 9.099  | 1863351    | 19.608 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.491 | 1959164    | 19.707 ug/ml |
| 10) T Anthracene (C19.43)          | 10.568 | 1949530    | 20.048 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.300 | 2073780    | 19.562 ug/ml |
| 13) T Pyrene (C20.8)               | 12.594 | 2038572    | 19.245 ug/ml |
| 14) T Benzo[alanthracene (C...     | 14.470 | 2005464    | 19.162 ug/ml |
| 15) T Chrysene (C27.41)            | 14.512 | 2131160    | 19.719 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.024 | 2043214    | 18.991 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.055 | 2216340    | 19.567 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.404 | 1917499    | 17.591 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.778 | 1581222    | 15.984 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.810 | 2229955    | 19.456 ug/ml |
| 21) T Benzo[a,h,i]pervlene ...     | 18.029 | 1788318    | 17.136 ug/ml |
| -----                              |        |            |              |

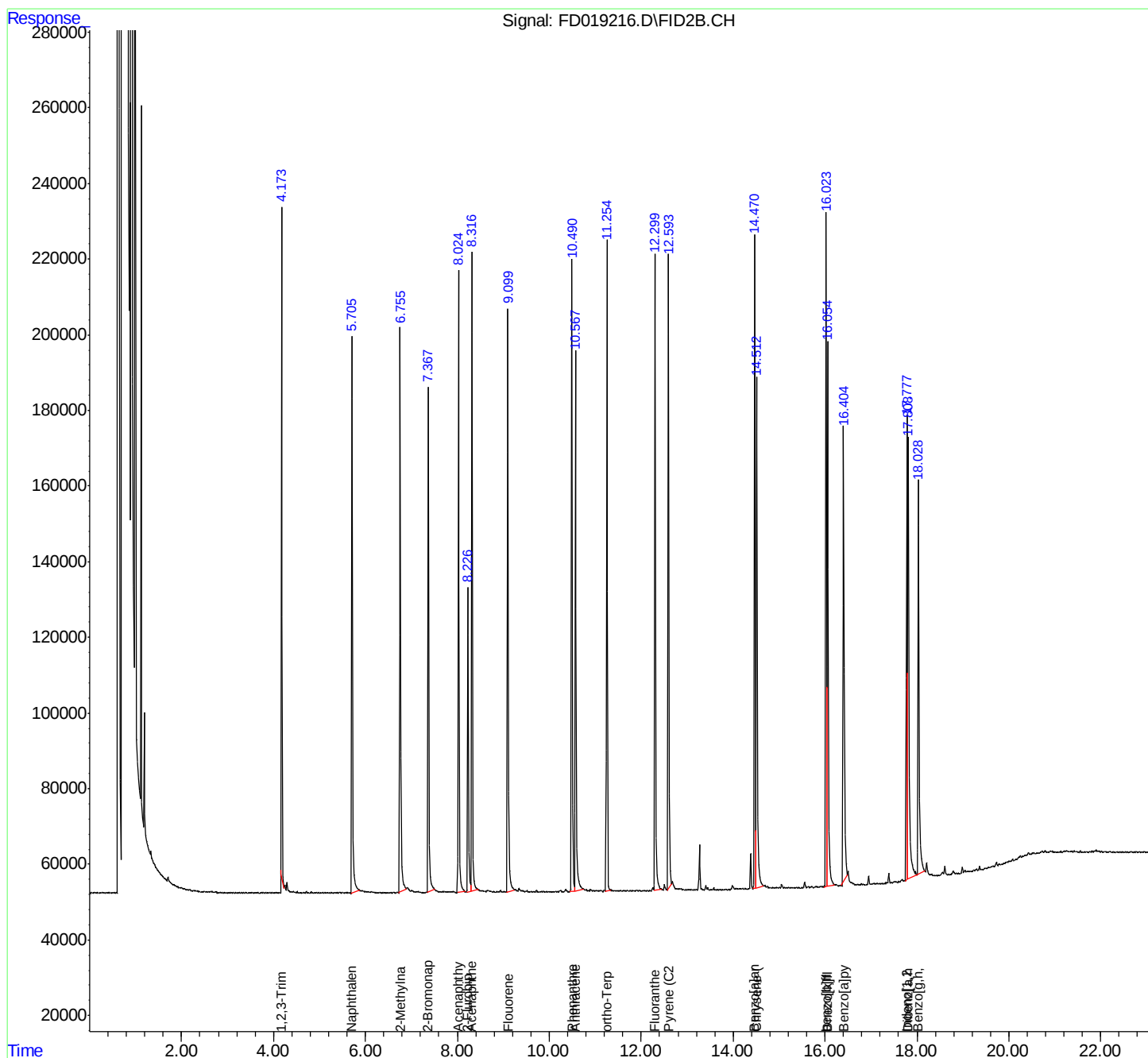
(f)=RT Delta > 1/2 Window

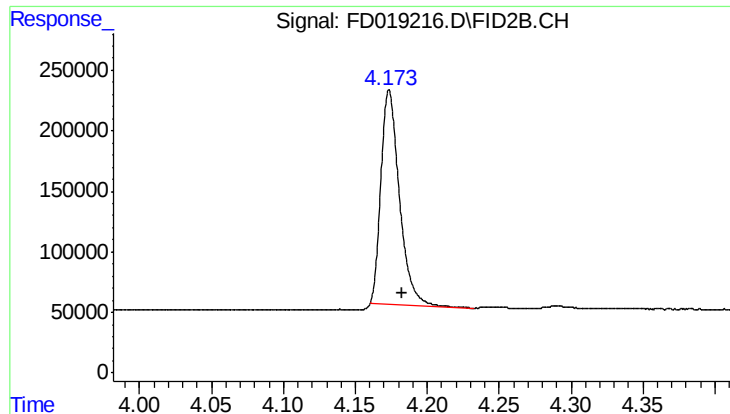
(m)=manual int.

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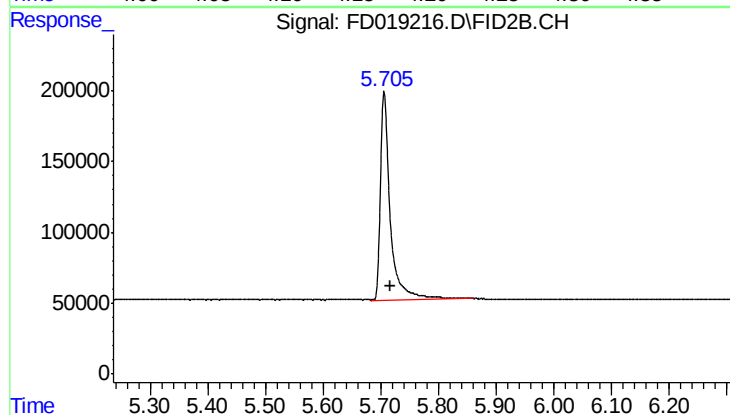
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





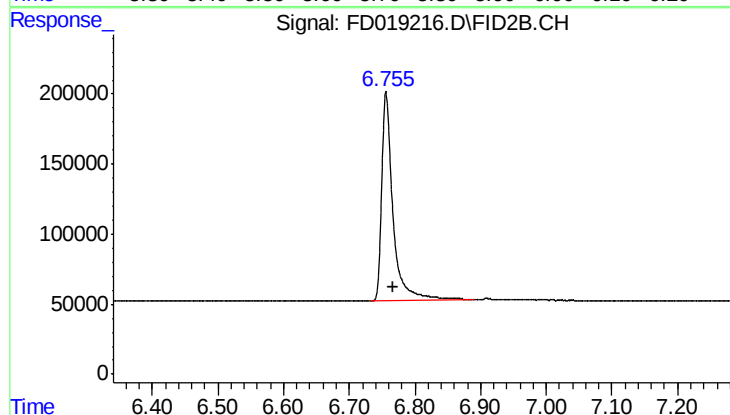
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.174 min  
Delta R.T.: -0.009 min  
Response: 1586472  
Conc: 17.92 ug/ml



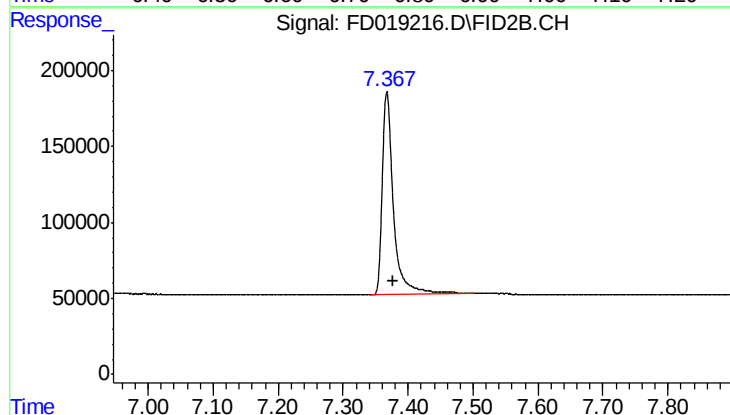
#2 Naphthalene (C11.7)

R.T.: 5.706 min  
Delta R.T.: -0.011 min  
Response: 1745720  
Conc: 19.55 ug/ml



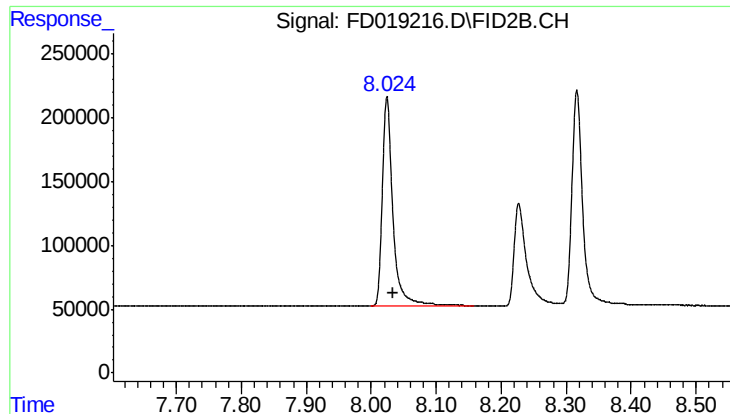
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min  
Delta R.T.: -0.010 min  
Response: 1772091  
Conc: 19.30 ug/ml



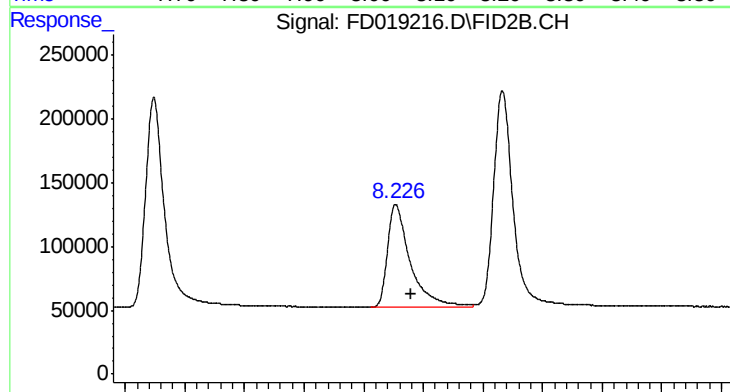
#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min  
Delta R.T.: -0.010 min  
Response: 1596298  
Conc: 19.73 ug/ml



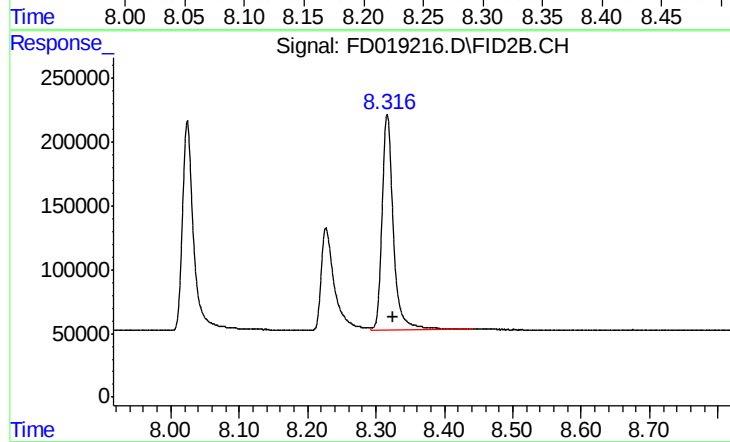
#5 Acenaphthylene (C15.06)

R.T.: 8.024 min  
Delta R.T.: -0.010 min  
Response: 1855962  
Conc: 19.57 ug/ml



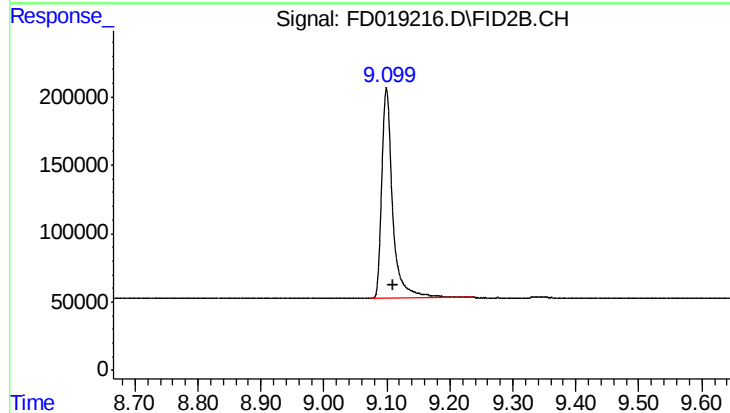
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.227 min  
Delta R.T.: -0.013 min  
Response: 1063627  
Conc: 19.45 ug/ml



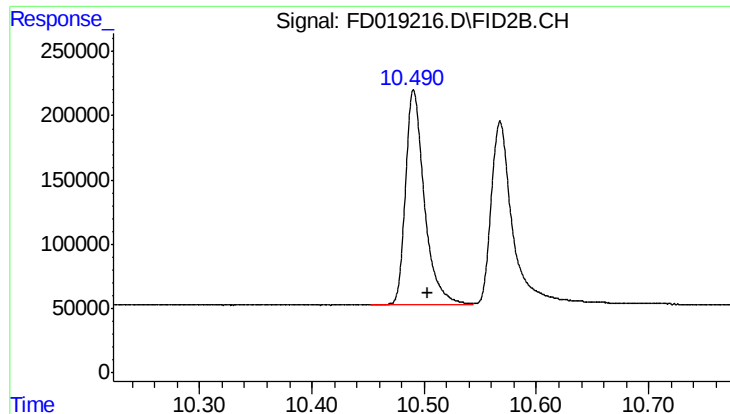
#7 Acenaphthene (C15.5)

R.T.: 8.316 min  
Delta R.T.: -0.009 min  
Response: 1938681  
Conc: 19.87 ug/ml



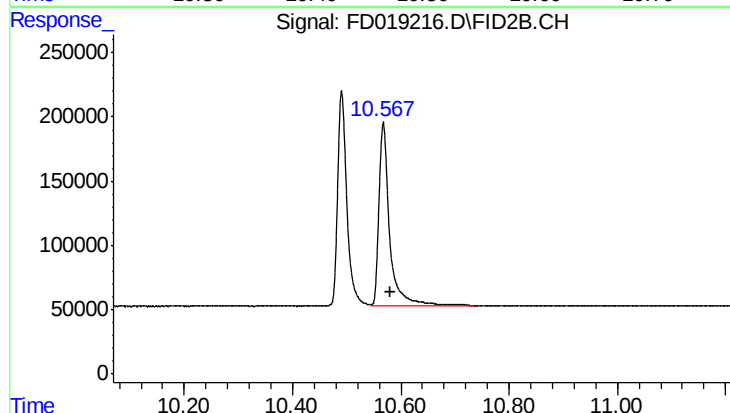
#8 Fluorene (C16.55)

R.T.: 9.099 min  
Delta R.T.: -0.010 min  
Response: 1863351  
Conc: 19.61 ug/ml



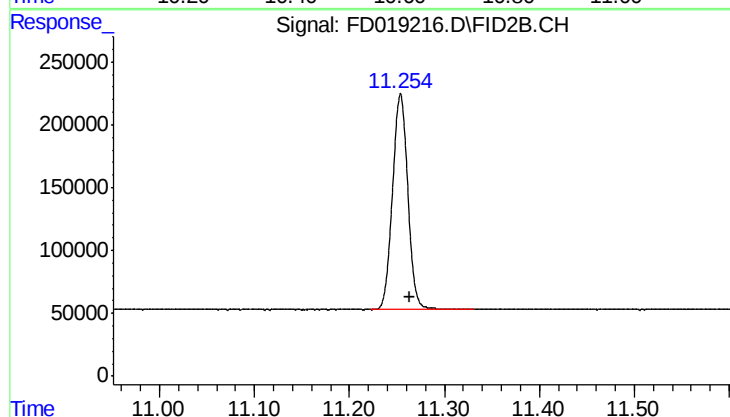
#9 Phenanthrene (C19.36)

R.T.: 10.491 min  
Delta R.T.: -0.012 min  
Response: 1959164  
Conc: 19.71 ug/ml



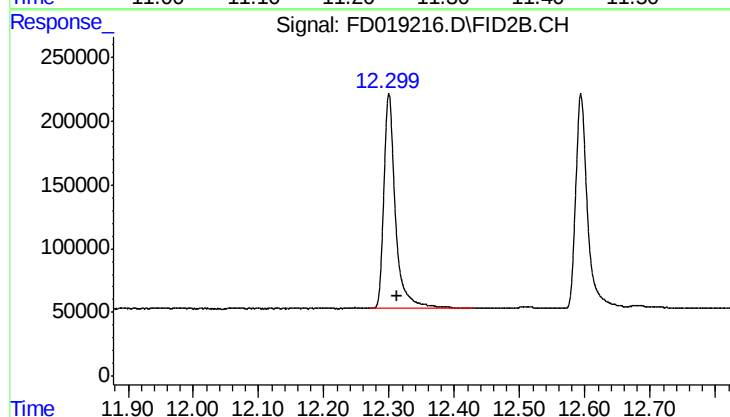
#10 Anthracene (C19.43)

R.T.: 10.568 min  
Delta R.T.: -0.013 min  
Response: 1949530  
Conc: 20.05 ug/ml



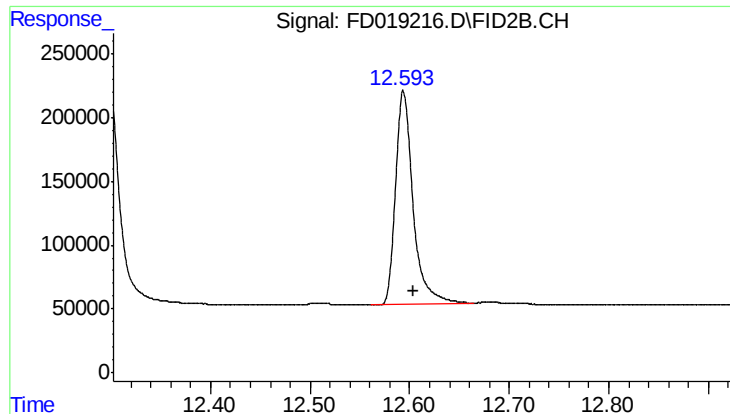
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min  
Delta R.T.: -0.009 min  
Response: 1926547  
Conc: 19.47 ug/ml



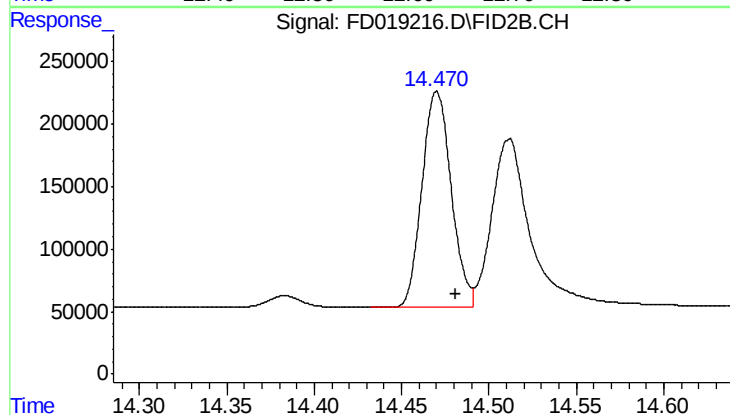
#12 Fluoranthene (C21.85)

R.T.: 12.300 min  
Delta R.T.: -0.013 min  
Response: 2073780  
Conc: 19.56 ug/ml



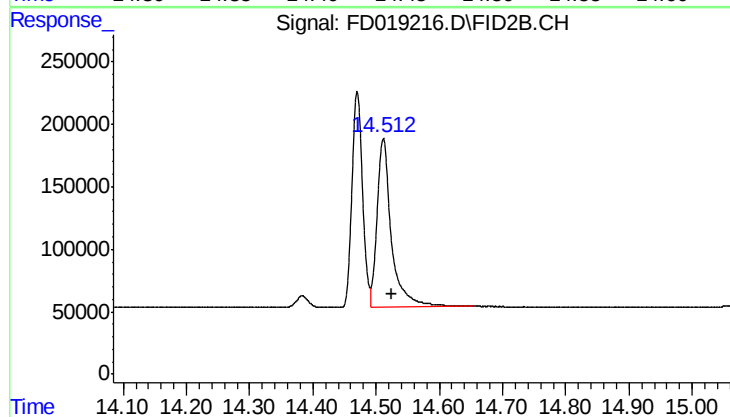
#13 Pyrene (C20.8)

R.T.: 12.594 min  
Delta R.T.: -0.010 min  
Response: 2038572  
Conc: 19.24 ug/ml



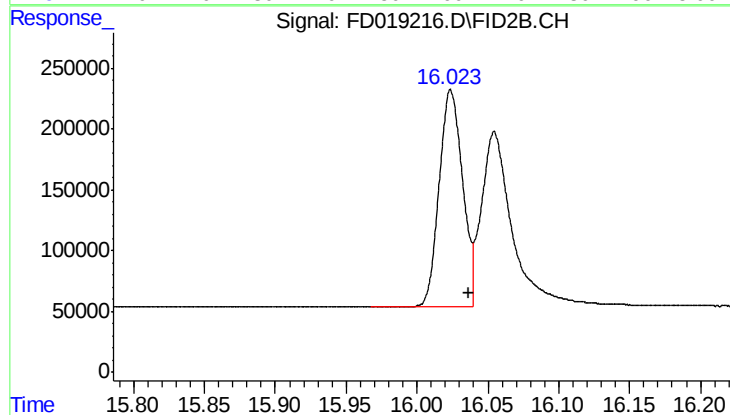
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.470 min  
Delta R.T.: -0.011 min  
Response: 2005464  
Conc: 19.16 ug/ml



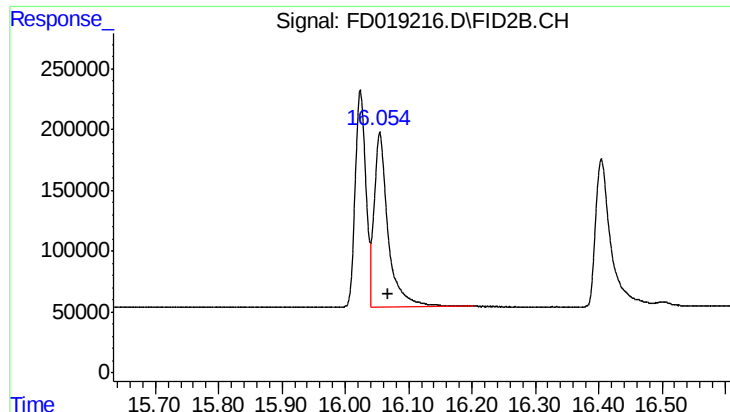
#15 Chrysene (C27.41)

R.T.: 14.512 min  
Delta R.T.: -0.013 min  
Response: 2131160  
Conc: 19.72 ug/ml



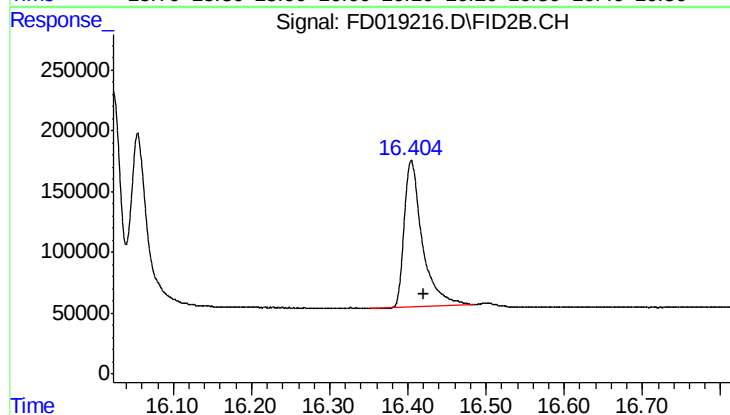
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.024 min  
Delta R.T.: -0.013 min  
Response: 2043214  
Conc: 18.99 ug/ml



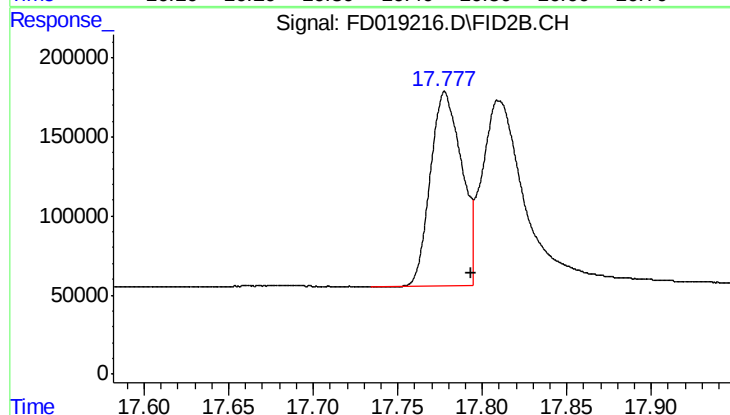
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.055 min  
Delta R.T.: -0.013 min  
Response: 2216340  
Conc: 19.57 ug/ml



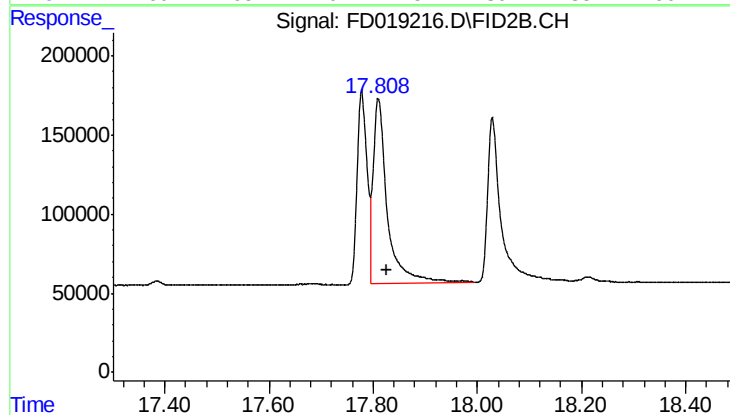
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.404 min  
Delta R.T.: -0.016 min  
Response: 1917499  
Conc: 17.59 ug/ml



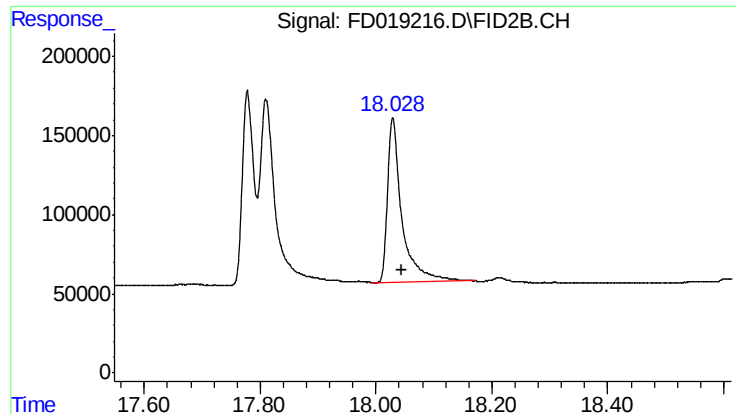
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.778 min  
Delta R.T.: -0.015 min  
Response: 1581222  
Conc: 15.98 ug/ml



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

R.T.: 17.810 min  
Delta R.T.: -0.016 min  
Response: 2229955  
Conc: 19.46 ug/ml



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

R.T.: 18.029 min  
Delta R.T.: -0.015 min  
Response: 1788318  
Conc: 17.14 ug/ml