

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081919AR\  
 Data File : FD030202.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Aug 2019 10:56  
 Operator : DD\AJ  
 Sample : K4372-01MSD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 20 13:45:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 080819.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 09 05:48:54 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...      | 7.661  | 5258926    | 34.195 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 68.39%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.525  | 2742544    | 26.247 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 52.49%       |
| 11) S ortho-Terphenyl (SURR)       | 11.558 | 1818852    | 11.017 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 22.03%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.460  | 1578120    | 9.539 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.000  | 1895741    | 10.868 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.051  | 1983156    | 11.542 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.326  | 2029541    | 12.242 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.621  | 2122766    | 12.385 ug/ml |
| 8) T Flouorene (C16.55)            | 9.401  | 2184076    | 12.855 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.796 | 2266402    | 13.448 ug/ml |
| 10) T Anthracene (C19.43)          | 10.870 | 2198392    | 13.423 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.605 | 2242837    | 13.493 ug/ml |
| 13) T Pyrene (C20.8)               | 12.902 | 2204999    | 13.348 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.768 | 2025868    | 13.318 ug/ml |
| 15) T Chrysene (C27.41)            | 14.811 | 2134627    | 13.984 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.316 | 2181354    | 15.224 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.348 | 2043993    | 14.363 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.693 | 1987748    | 14.346 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.056 | 2082270    | 16.609 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.093 | 2041862    | 16.532 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.310 | 2069898    | 17.022 ug/ml |
| -----                              |        |            |              |

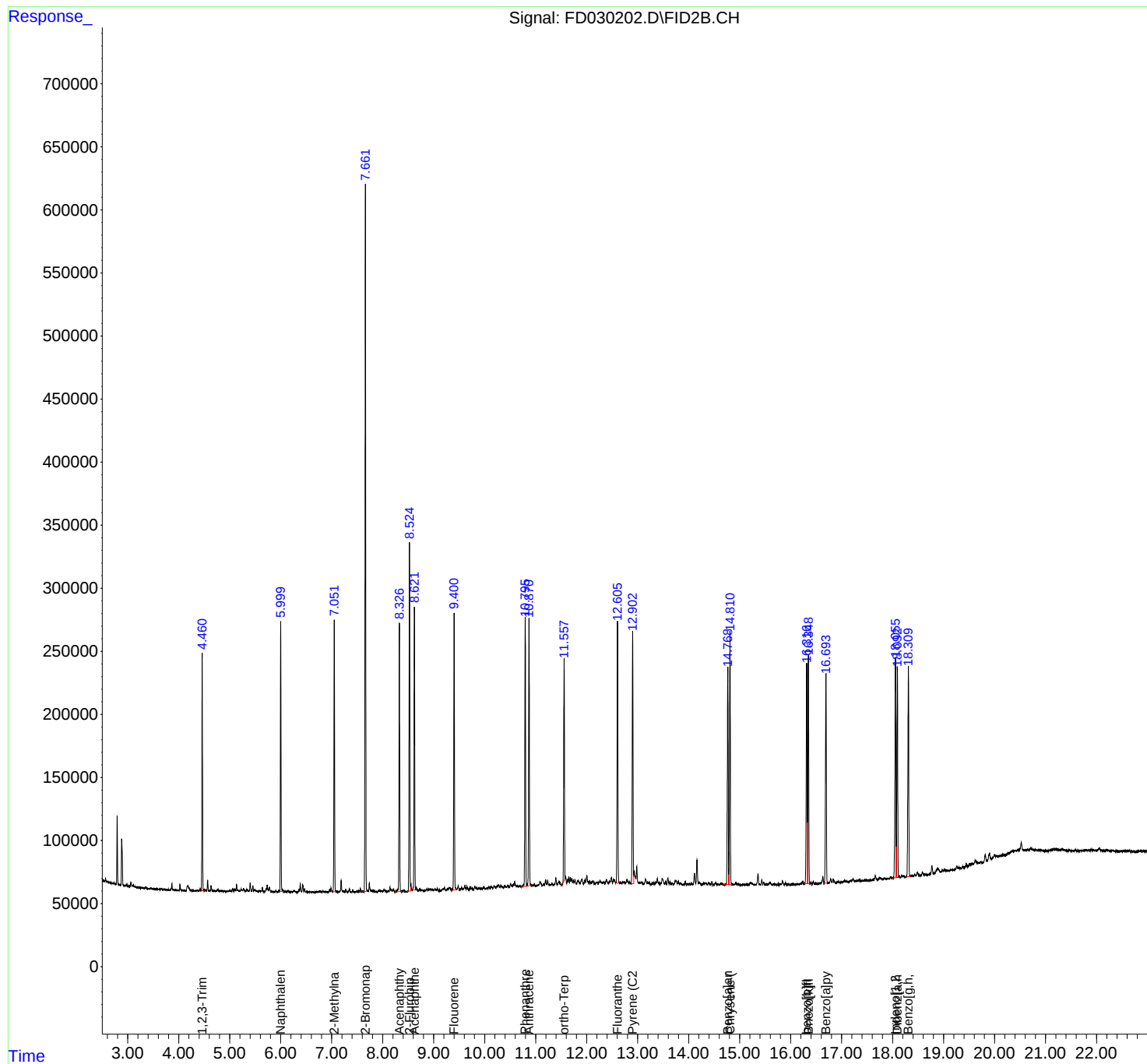
(f)=RT Delta > 1/2 Window

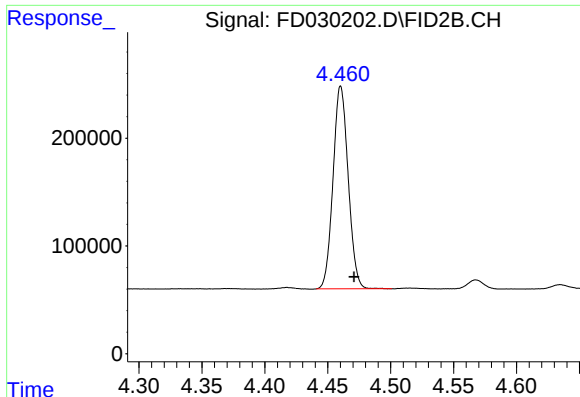
(m)=manual int.

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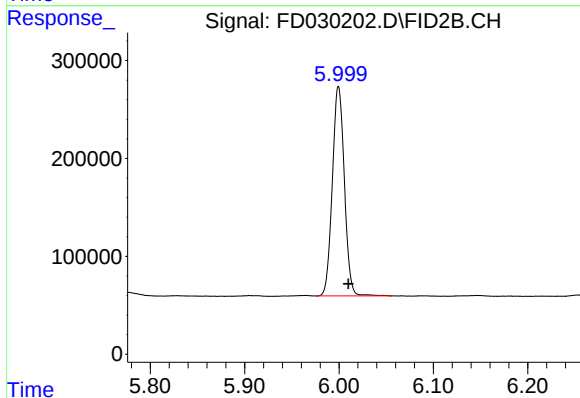
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





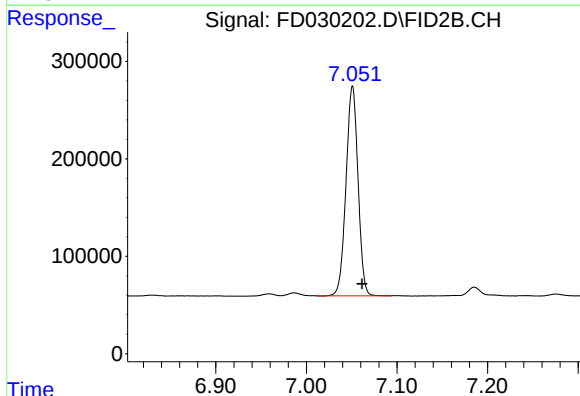
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.460 min  
Delta R.T.: -0.011 min  
Response: 1578120  
Conc: 9.54 ug/ml



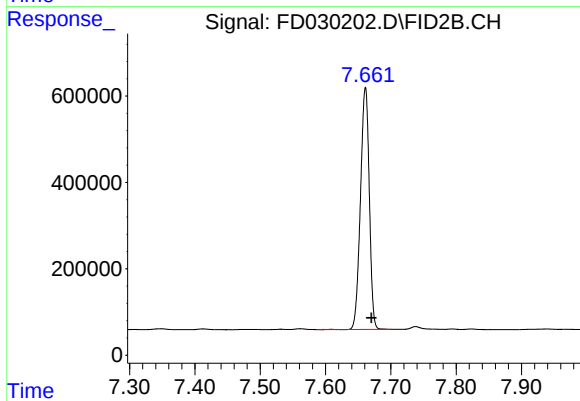
#2 Naphthalene (C11.7)

R.T.: 6.000 min  
Delta R.T.: -0.011 min  
Response: 1895741  
Conc: 10.87 ug/ml



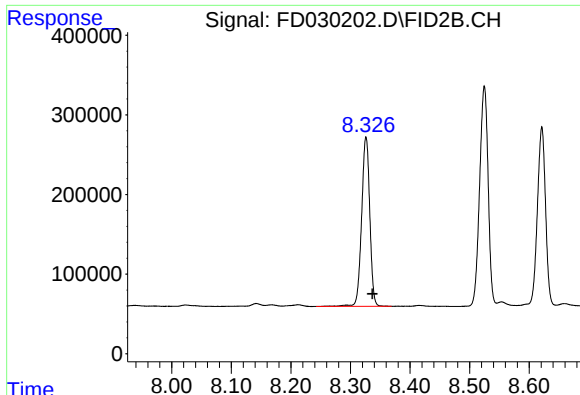
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min  
Delta R.T.: -0.011 min  
Response: 1983156  
Conc: 11.54 ug/ml



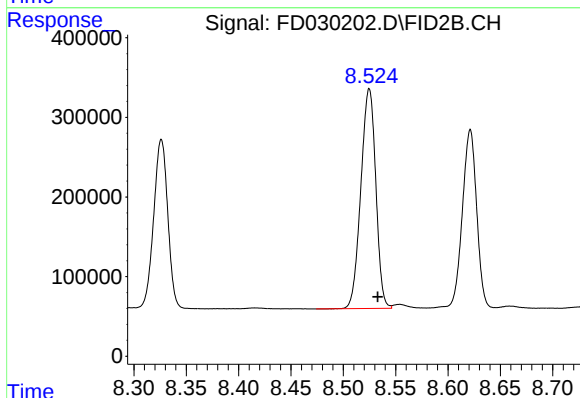
#4 2-Bromonaphthalene (SURR)

R.T.: 7.661 min  
Delta R.T.: -0.009 min  
Response: 5258926  
Conc: 34.20 ug/ml



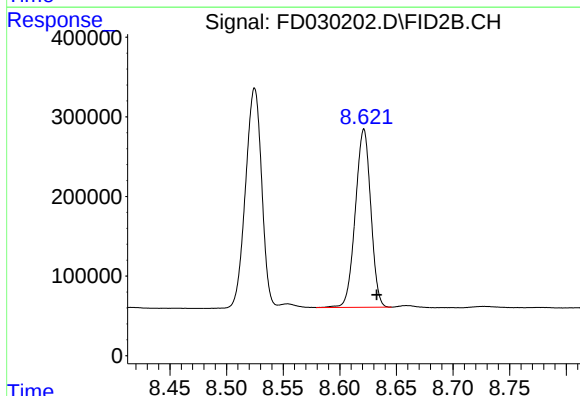
#5 Acenaphthylene (C15.06)

R.T.: 8.326 min  
Delta R.T.: -0.010 min  
Response: 2029541  
Conc: 12.24 ug/ml



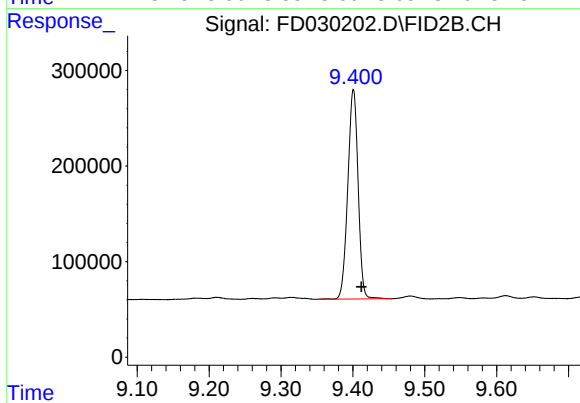
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.525 min  
Delta R.T.: -0.008 min  
Response: 2742544  
Conc: 26.25 ug/ml



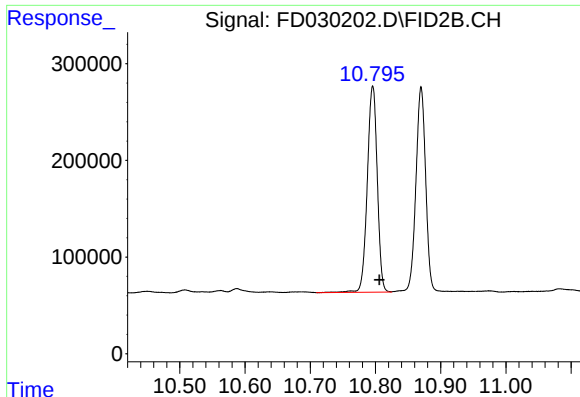
#7 Acenaphthene (C15.5)

R.T.: 8.621 min  
Delta R.T.: -0.011 min  
Response: 2122766  
Conc: 12.38 ug/ml



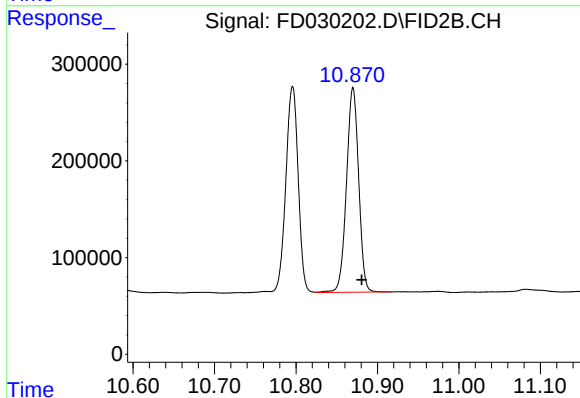
#8 Fluorene (C16.55)

R.T.: 9.401 min  
Delta R.T.: -0.011 min  
Response: 2184076  
Conc: 12.86 ug/ml



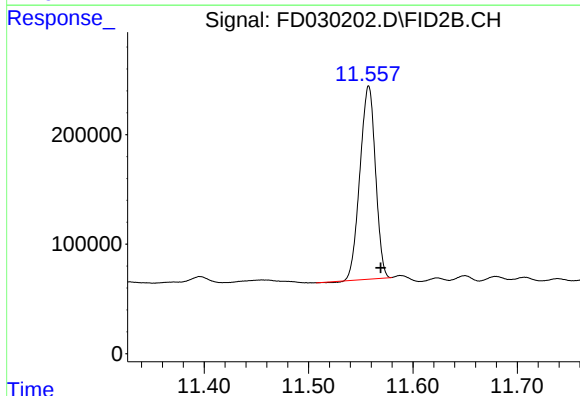
#9 Phenanthrene (C19.36)

R.T.: 10.796 min  
Delta R.T.: -0.010 min  
Response: 2266402  
Conc: 13.45 ug/ml



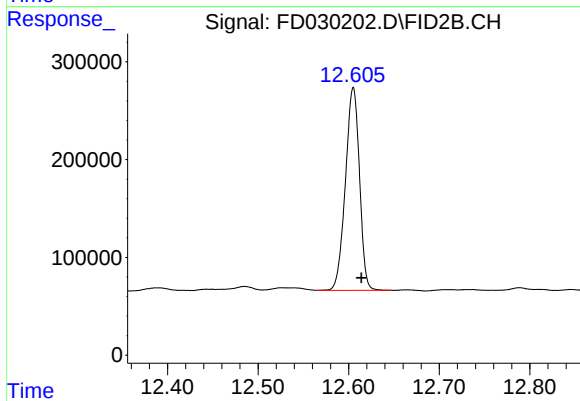
#10 Anthracene (C19.43)

R.T.: 10.870 min  
Delta R.T.: -0.011 min  
Response: 2198392  
Conc: 13.42 ug/ml



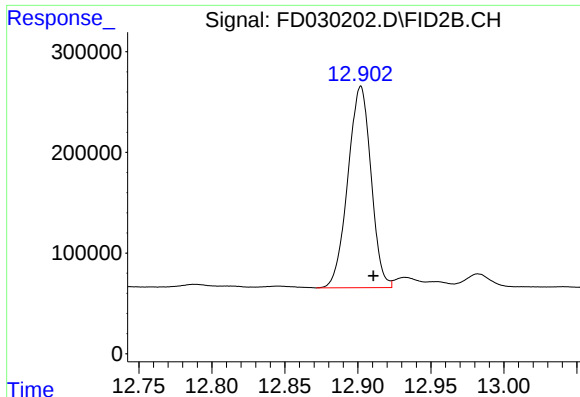
#11 ortho-Terphenyl (SURR)

R.T.: 11.558 min  
Delta R.T.: -0.011 min  
Response: 1818852  
Conc: 11.02 ug/ml



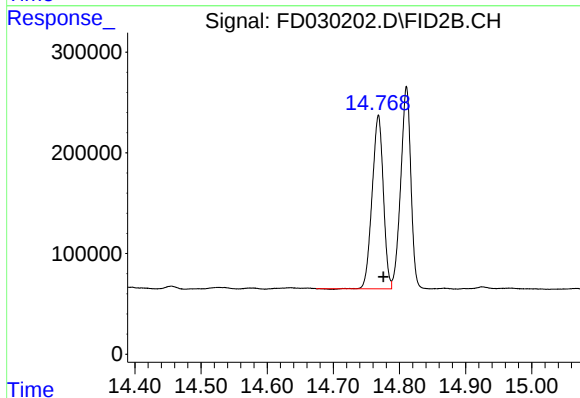
#12 Fluoranthene (C21.85)

R.T.: 12.605 min  
Delta R.T.: -0.009 min  
Response: 2242837  
Conc: 13.49 ug/ml



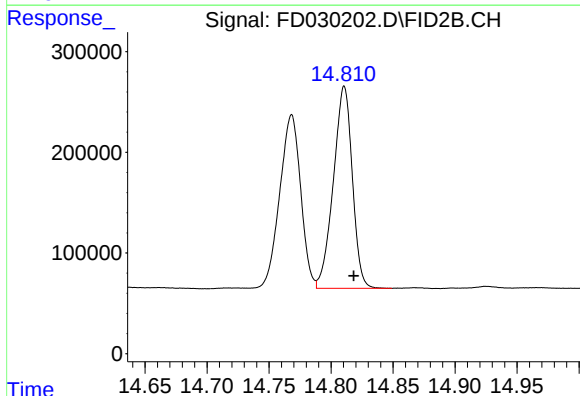
#13 Pyrene (C20.8)

R.T.: 12.902 min  
Delta R.T.: -0.009 min  
Response: 2204999  
Conc: 13.35 ug/ml



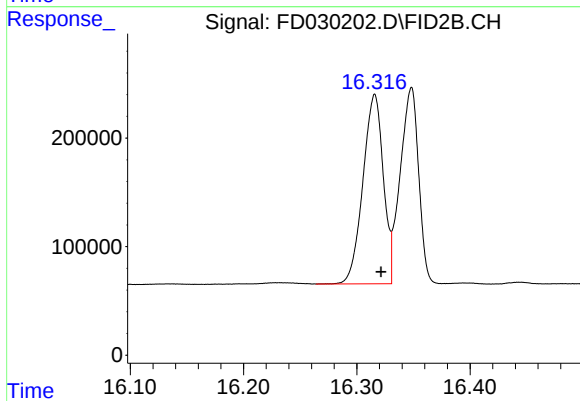
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min  
Delta R.T.: -0.007 min  
Response: 2025868  
Conc: 13.32 ug/ml



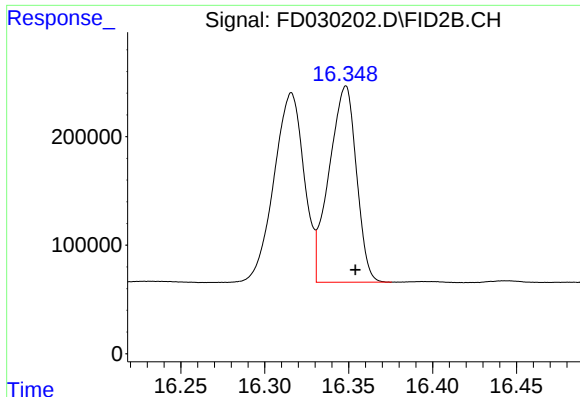
#15 Chrysene (C27.41)

R.T.: 14.811 min  
Delta R.T.: -0.008 min  
Response: 2134627  
Conc: 13.98 ug/ml



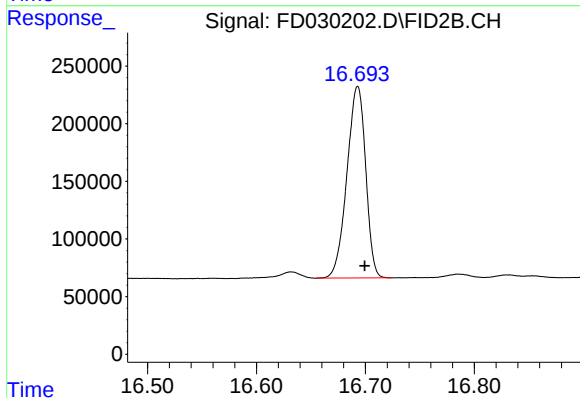
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.316 min  
Delta R.T.: -0.005 min  
Response: 2181354  
Conc: 15.22 ug/ml



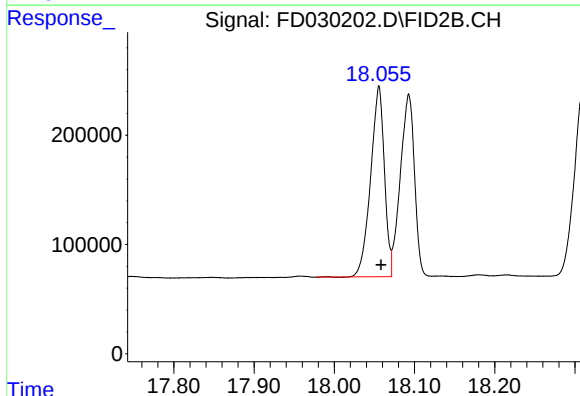
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.348 min  
Delta R.T.: -0.006 min  
Response: 2043993  
Conc: 14.36 ug/ml



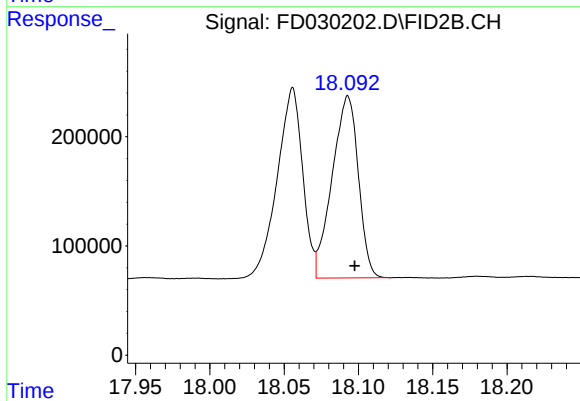
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.693 min  
Delta R.T.: -0.006 min  
Response: 1987748  
Conc: 14.35 ug/ml



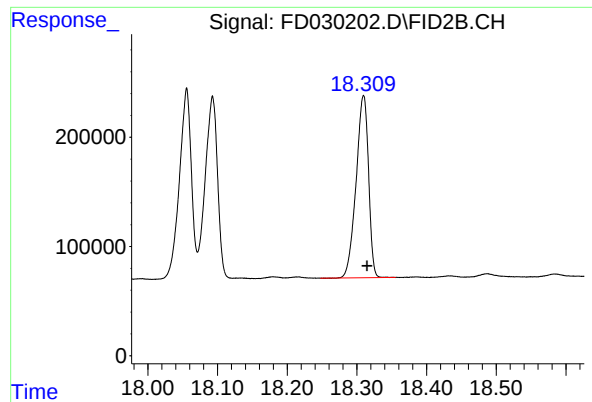
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.056 min  
Delta R.T.: -0.003 min  
Response: 2082270  
Conc: 16.61 ug/ml



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

R.T.: 18.093 min  
Delta R.T.: -0.005 min  
Response: 2041862  
Conc: 16.53 ug/ml



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

R.T.: 18.310 min  
Delta R.T.: -0.005 min  
Response: 2069898  
Conc: 17.02 ug/ml