

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111418AR\  
 Data File : FD026654.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Nov 2018 15:04  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HS STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Nov 15 15:47:35 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  | 1499404    | 19.748 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.50%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.238  | 1064178    | 20.352 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.70%       |
| 11) S ortho-Terphenyl (SURR)       | 11.281 | 1823208    | 21.510 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.258f | 12803      | 0.160 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.723  | 1752755    | 19.972 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.773  | 1732556    | 19.990 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.041  | 1685477    | 19.885 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.336  | 1795004    | 20.302 ug/ml |
| 8) T Flouorene (C16.55)            | 9.115  | 1796031    | 20.379 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.504 | 1883527    | 21.455 ug/ml |
| 10) T Anthracene (C19.43)          | 10.578 | 1879700    | 21.469 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.309 | 2006218    | 23.036 ug/ml |
| 13) T Pyrene (C20.8)               | 12.603 | 2018571    | 23.289 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.472 | 1961922    | 23.071 ug/ml |
| 15) T Chrysene (C27.41)            | 14.514 | 1990746    | 23.230 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.049 | 4021646    | 43.201 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.049 | 4021646    | 43.429 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.392 | 1981154    | 20.990 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.752 | 1875867    | 19.535 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.796 | 1845871    | 19.665 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.005 | 1901752    | 19.344 ug/ml |
| -----                              |        |            |              |

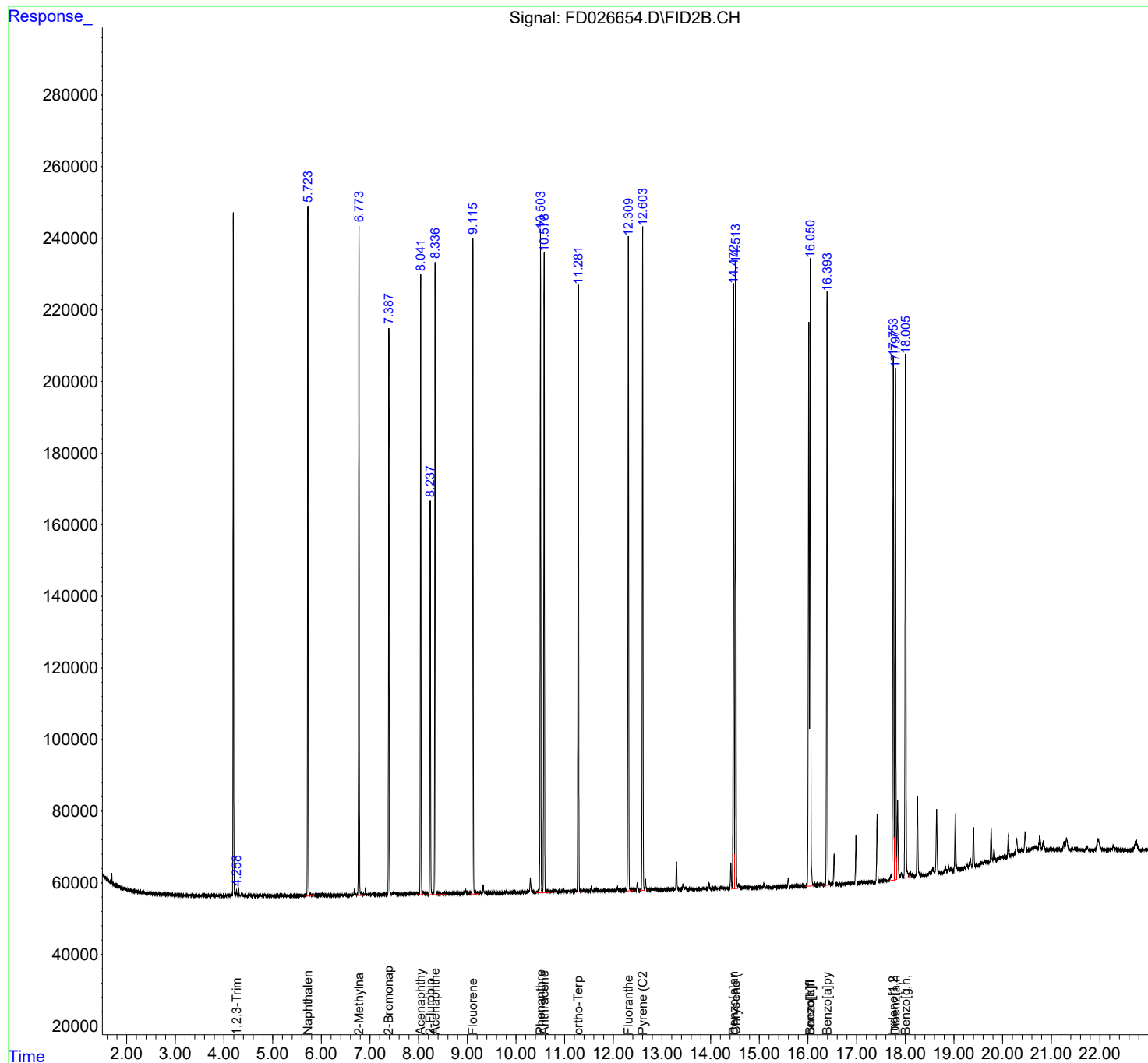
(f)=RT Delta > 1/2 Window

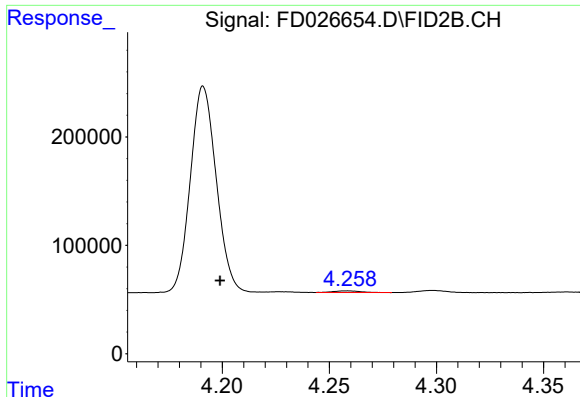
(m)=manual int.

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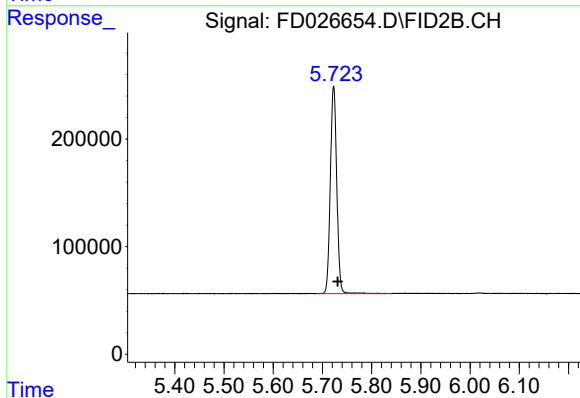
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





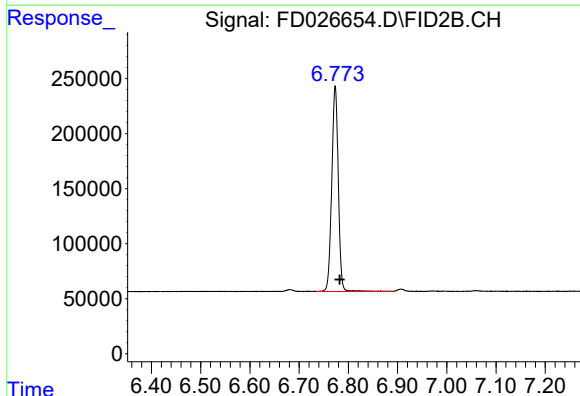
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.258 min  
Delta R.T.: 0.059 min  
Response: 12803  
Conc: 0.16 ug/ml



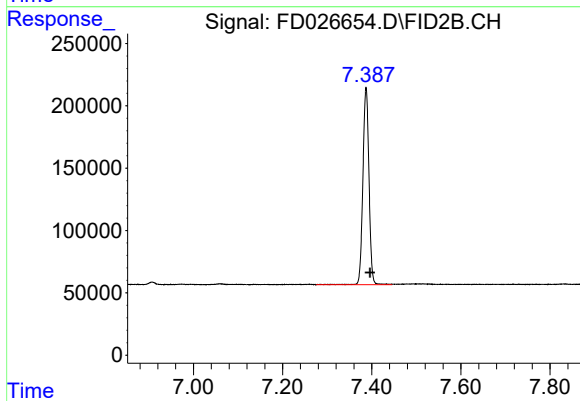
#2 Naphthalene (C11.7)

R.T.: 5.723 min  
Delta R.T.: -0.008 min  
Response: 1752755  
Conc: 19.97 ug/ml



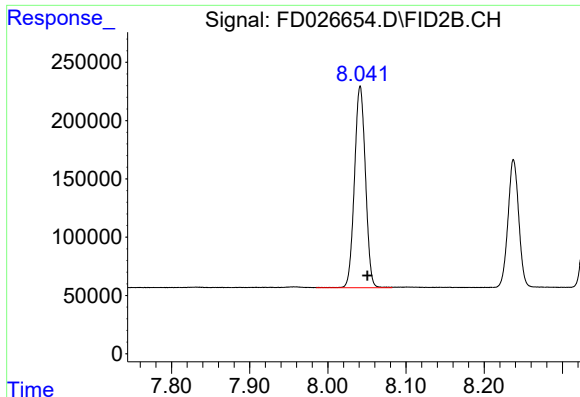
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.773 min  
Delta R.T.: -0.009 min  
Response: 1732556  
Conc: 19.99 ug/ml



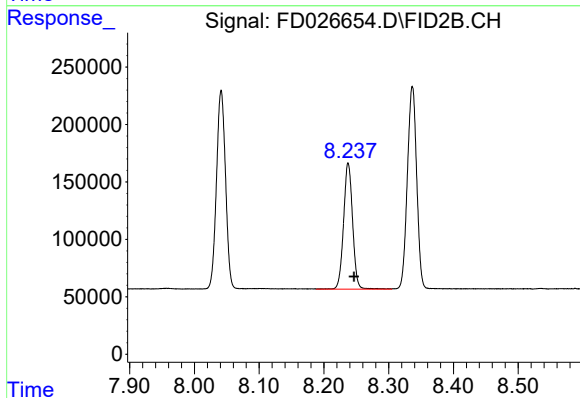
#4 2-Bromonaphthalene (SURR)

R.T.: 7.387 min  
Delta R.T.: -0.009 min  
Response: 1499404  
Conc: 19.75 ug/ml



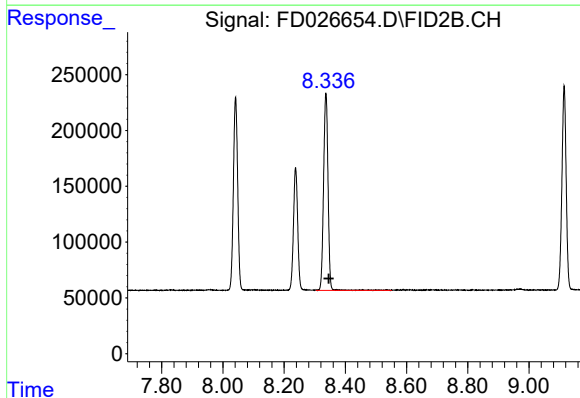
#5 Acenaphthylene (C15.06)

R.T.: 8.041 min  
Delta R.T.: -0.009 min  
Response: 1685477  
Conc: 19.89 ug/ml



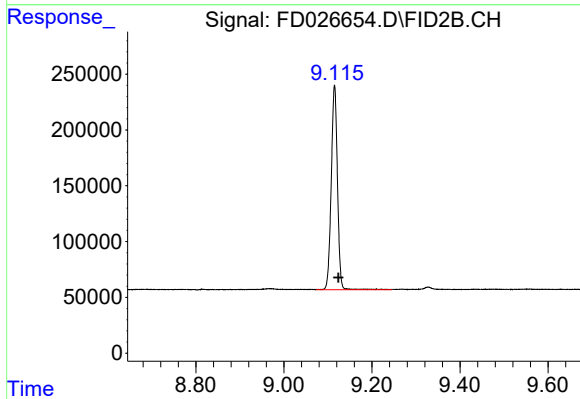
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.238 min  
Delta R.T.: -0.009 min  
Response: 1064178  
Conc: 20.35 ug/ml



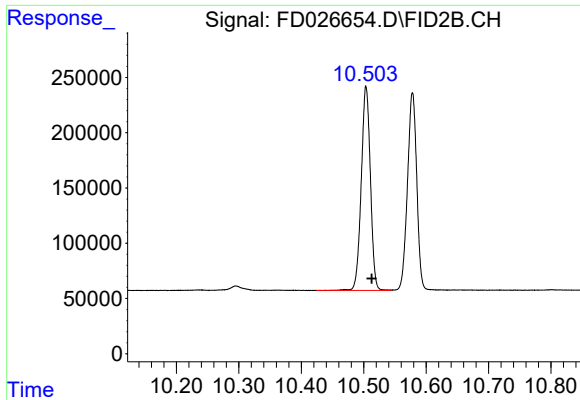
#7 Acenaphthene (C15.5)

R.T.: 8.336 min  
Delta R.T.: -0.009 min  
Response: 1795004  
Conc: 20.30 ug/ml



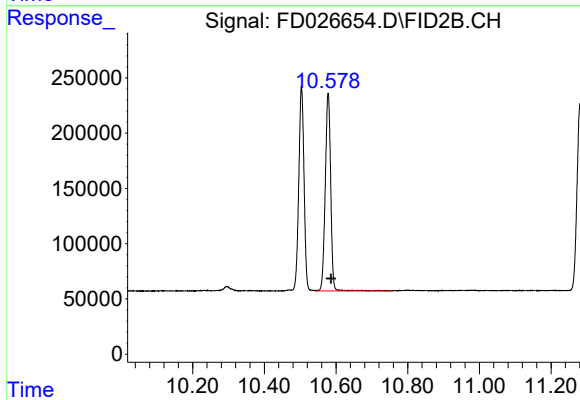
#8 Flouorene (C16.55)

R.T.: 9.115 min  
Delta R.T.: -0.009 min  
Response: 1796031  
Conc: 20.38 ug/ml



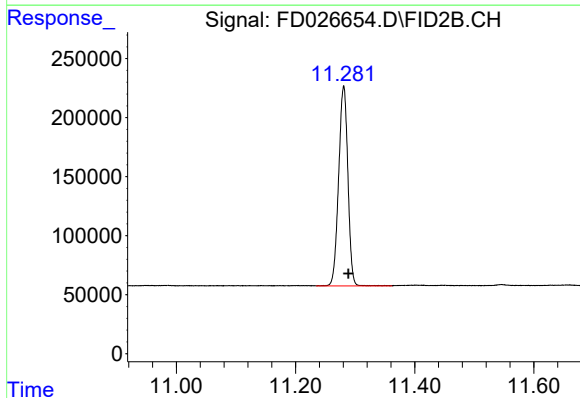
#9 Phenanthrene (C19.36)

R.T.: 10.504 min  
Delta R.T.: -0.009 min  
Response: 1883527  
Conc: 21.46 ug/ml



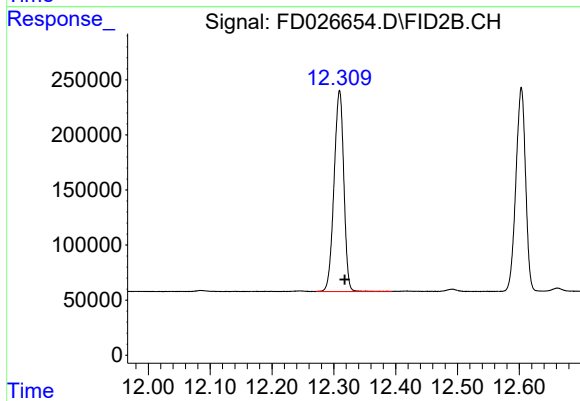
#10 Anthracene (C19.43)

R.T.: 10.578 min  
Delta R.T.: -0.009 min  
Response: 1879700  
Conc: 21.47 ug/ml



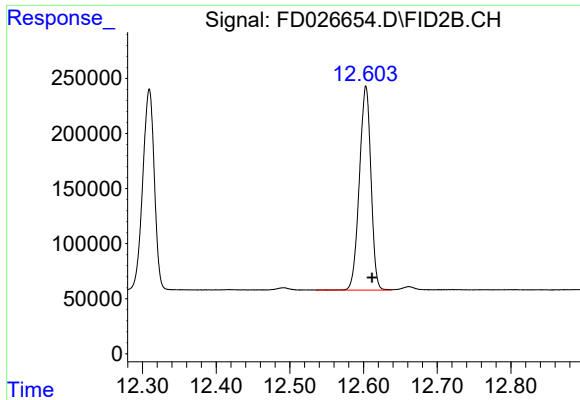
#11 ortho-Terphenyl (SURR)

R.T.: 11.281 min  
Delta R.T.: -0.008 min  
Response: 1823208  
Conc: 21.51 ug/ml



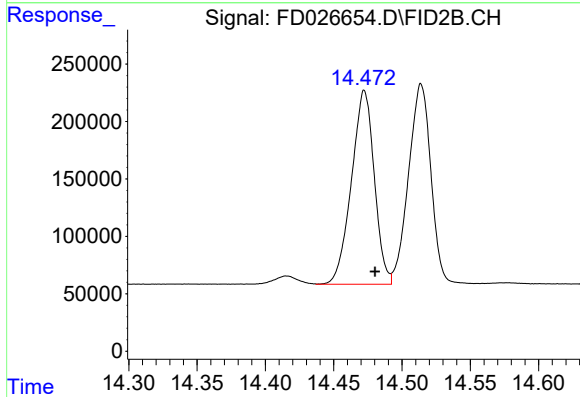
#12 Fluoranthene (C21.85)

R.T.: 12.309 min  
Delta R.T.: -0.009 min  
Response: 2006218  
Conc: 23.04 ug/ml



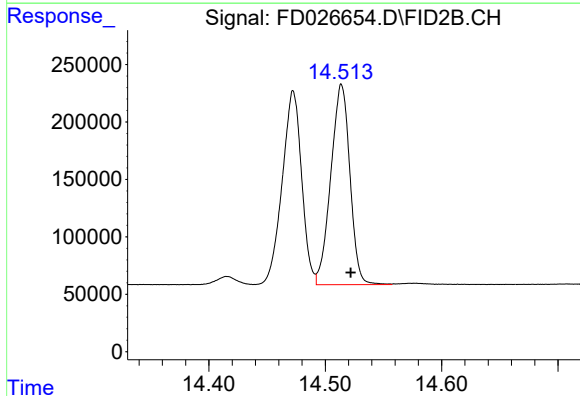
#13 Pyrene (C20.8)

R.T.: 12.603 min  
Delta R.T.: -0.009 min  
Response: 2018571  
Conc: 23.29 ug/ml



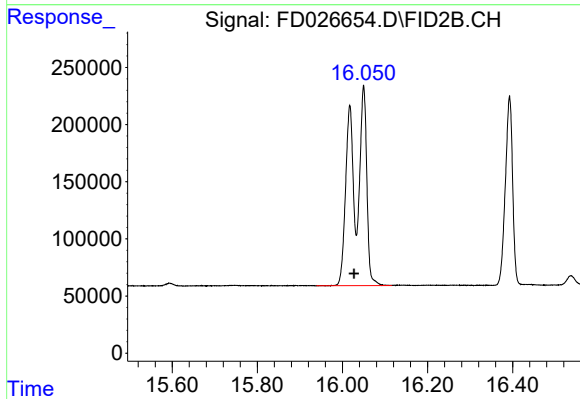
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min  
Delta R.T.: -0.008 min  
Response: 1961922  
Conc: 23.07 ug/ml



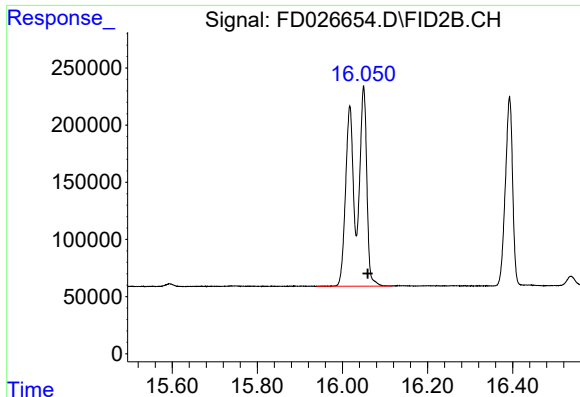
#15 Chrysene (C27.41)

R.T.: 14.514 min  
Delta R.T.: -0.008 min  
Response: 1990746  
Conc: 23.23 ug/ml



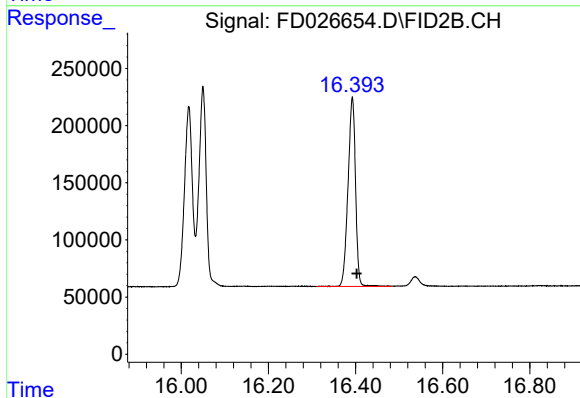
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.049 min  
Delta R.T.: 0.022 min  
Response: 4021646  
Conc: 43.20 ug/ml



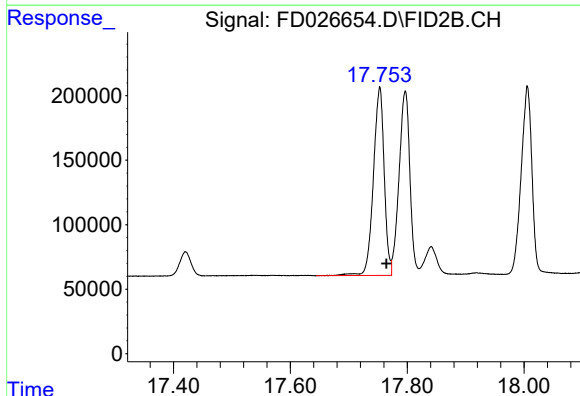
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.049 min  
Delta R.T.: -0.010 min  
Response: 4021646  
Conc: 43.43 ug/ml



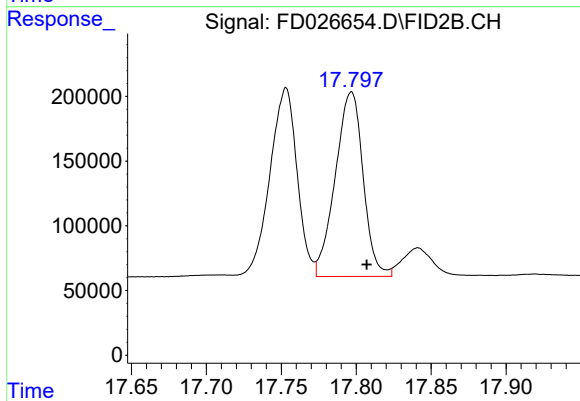
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.392 min  
Delta R.T.: -0.011 min  
Response: 1981154  
Conc: 20.99 ug/ml



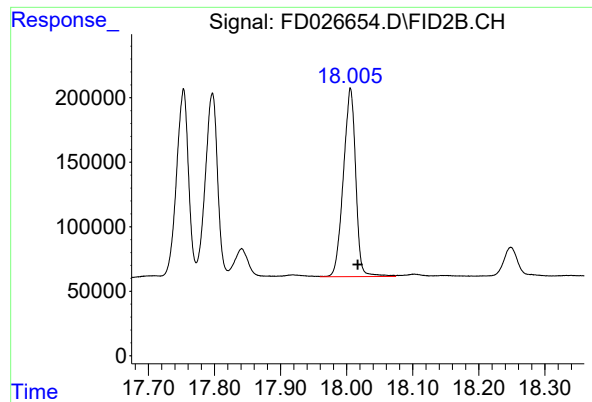
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min  
Delta R.T.: -0.012 min  
Response: 1875867  
Conc: 19.53 ug/ml



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

R.T.: 17.796 min  
Delta R.T.: -0.011 min  
Response: 1845871  
Conc: 19.66 ug/ml



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

R.T.: 18.005 min  
Delta R.T.: -0.012 min  
Response: 1901752  
Conc: 19.34 ug/ml