

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081320AR\  
 Data File : FD034467.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Aug 2020 11:16  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Aug 14 12:04:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 073120.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 03 10:54:15 2020  
 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...      | 7.700  | 2087513    | 17.856 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.71%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.567  | 1466808    | 17.693 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 35.39%       |
| 11) S ortho-Terphenyl (SURR)       | 11.608 | 2363899    | 17.395 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.79%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.492  | 2323005    | 18.225 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.037  | 2411613    | 18.026 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.091  | 2412922    | 17.876 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.369  | 2319169    | 17.524 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.665  | 2383351    | 17.722 ug/ml |
| 8) T Fluorene (C16.55)             | 9.446  | 2329605    | 17.527 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.845 | 2312846    | 17.255 ug/ml |
| 10) T Anthracene (C19.43)          | 10.920 | 2158219    | 16.261 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.659 | 2339270    | 17.211 ug/ml |
| 13) T Pyrene (C20.8)               | 12.957 | 2286123    | 17.168 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.828 | 2267346    | 17.275 ug/ml |
| 15) T Chrysene (C27.41)            | 14.870 | 2288841    | 17.458 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.379 | 2306008    | 18.025 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.411 | 2236543    | 18.058 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.758 | 2266597    | 18.103 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.123 | 2288851    | 19.022 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.162 | 2289830    | 19.397 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.378 | 2254068    | 19.023 ug/ml |
| -----                              |        |            |              |

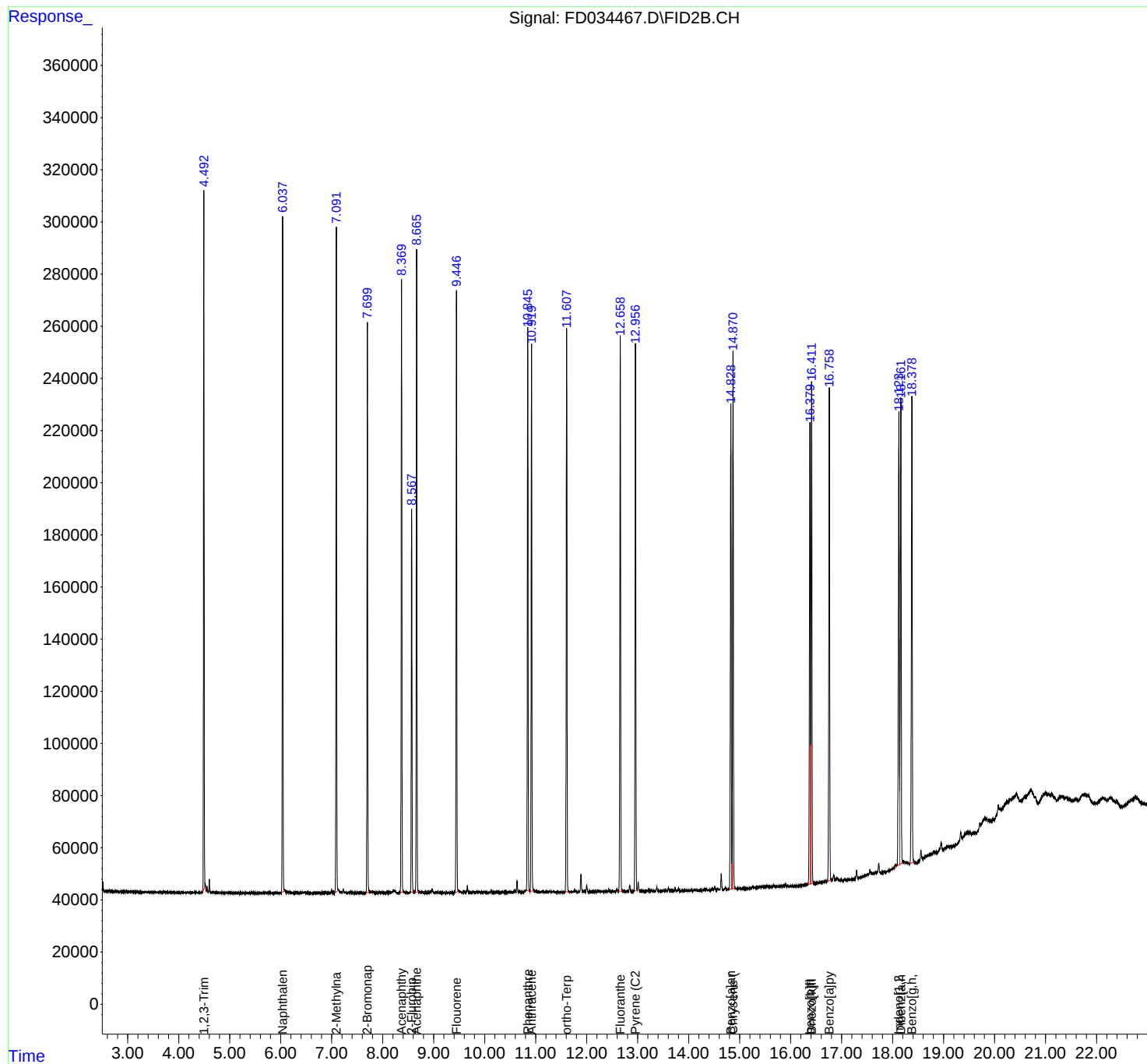
(f)=RT Delta > 1/2 Window

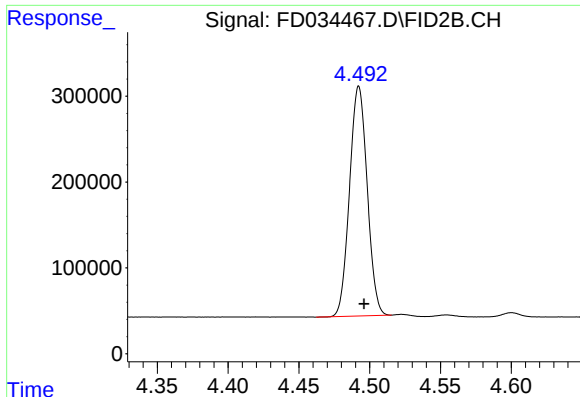
(m)=manual int.

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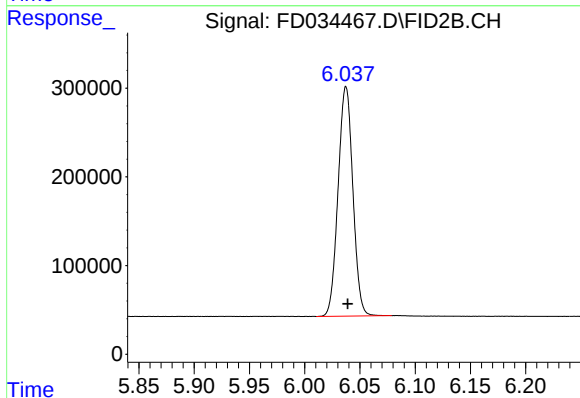
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





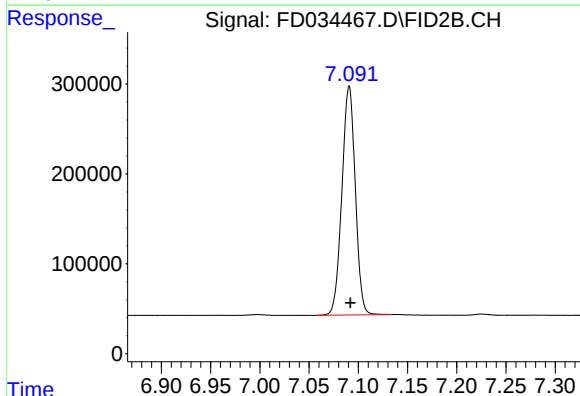
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.492 min  
Delta R.T.: -0.004 min  
Response: 2323005  
Conc: 18.23 ug/ml



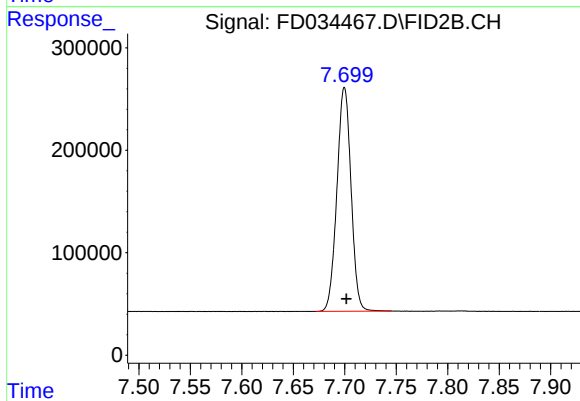
#2 Naphthalene (C11.7)

R.T.: 6.037 min  
Delta R.T.: -0.002 min  
Response: 2411613  
Conc: 18.03 ug/ml



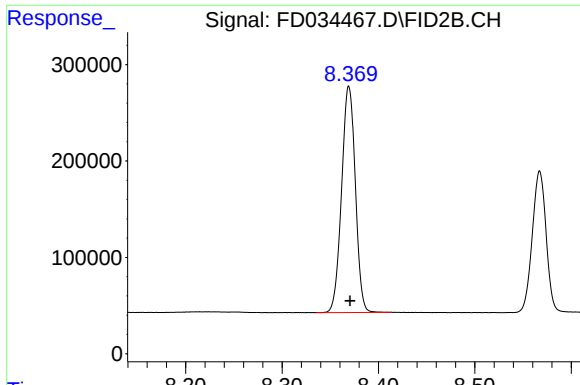
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.091 min  
Delta R.T.: -0.001 min  
Response: 2412922  
Conc: 17.88 ug/ml



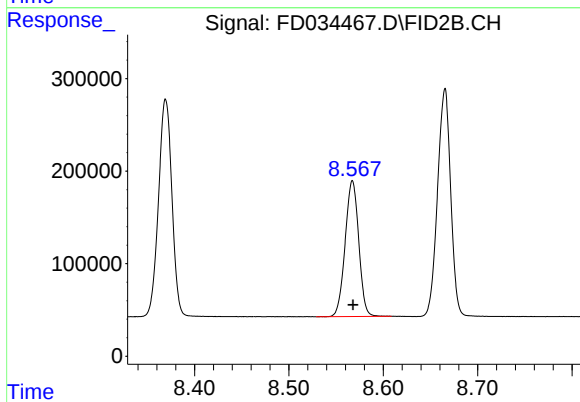
#4 2-Bromonaphthalene (SURR)

R.T.: 7.700 min  
Delta R.T.: -0.002 min  
Response: 2087513  
Conc: 17.86 ug/ml



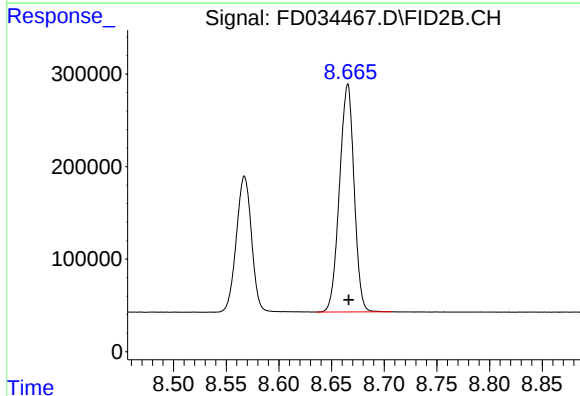
#5 Acenaphthylene (C15.06)

R.T.: 8.369 min  
Delta R.T.: -0.001 min  
Response: 2319169  
Conc: 17.52 ug/ml



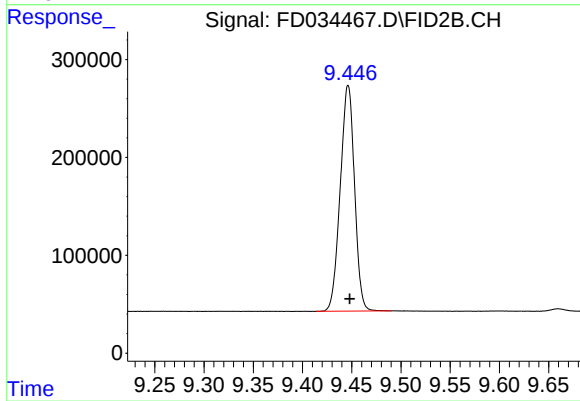
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.567 min  
Delta R.T.: 0.000 min  
Response: 1466808  
Conc: 17.69 ug/ml



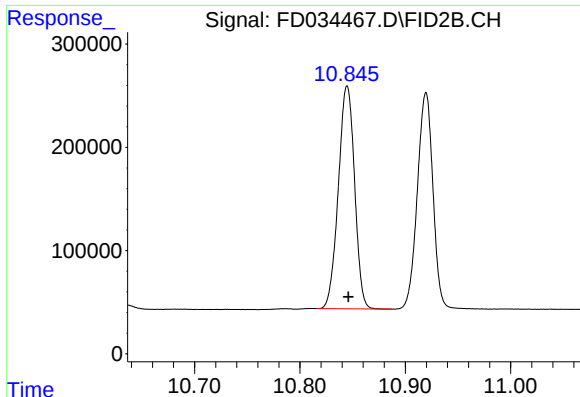
#7 Acenaphthene (C15.5)

R.T.: 8.665 min  
Delta R.T.: 0.000 min  
Response: 2383351  
Conc: 17.72 ug/ml



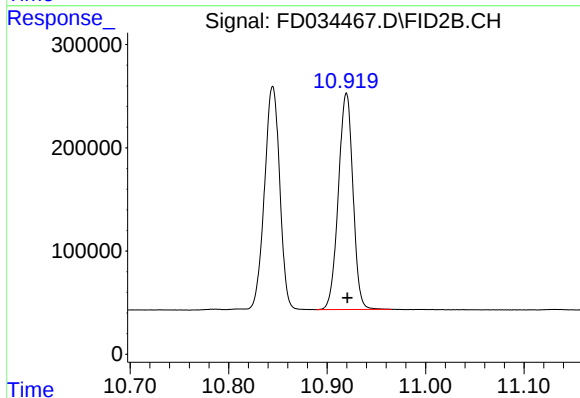
#8 Flouorene (C16.55)

R.T.: 9.446 min  
Delta R.T.: -0.002 min  
Response: 2329605  
Conc: 17.53 ug/ml



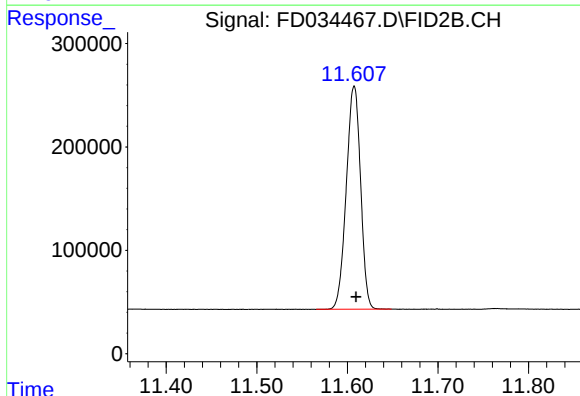
#9 Phenanthrene (C19.36)

R.T.: 10.845 min  
Delta R.T.: -0.001 min  
Response: 2312846  
Conc: 17.25 ug/ml



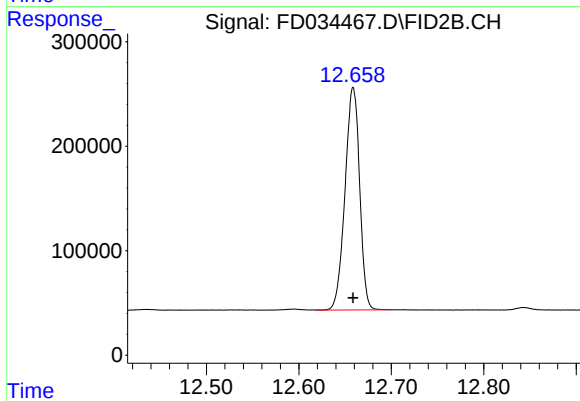
#10 Anthracene (C19.43)

R.T.: 10.920 min  
Delta R.T.: 0.000 min  
Response: 2158219  
Conc: 16.26 ug/ml



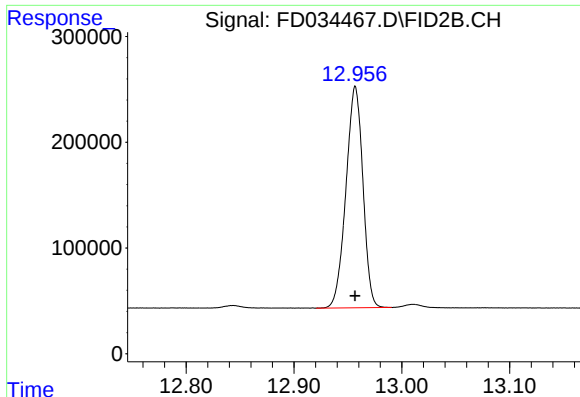
#11 ortho-Terphenyl (SURR)

R.T.: 11.608 min  
Delta R.T.: -0.002 min  
Response: 2363899  
Conc: 17.39 ug/ml



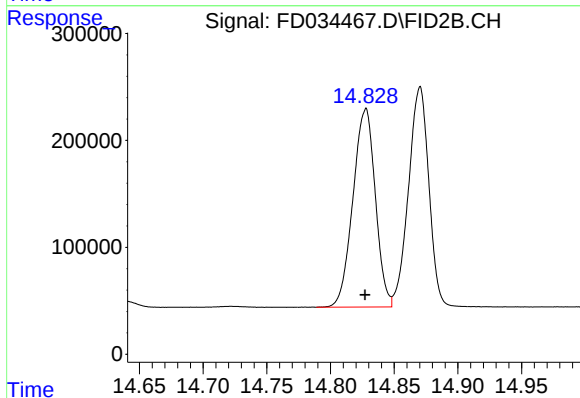
#12 Fluoranthene (C21.85)

R.T.: 12.659 min  
Delta R.T.: 0.000 min  
Response: 2339270  
Conc: 17.21 ug/ml



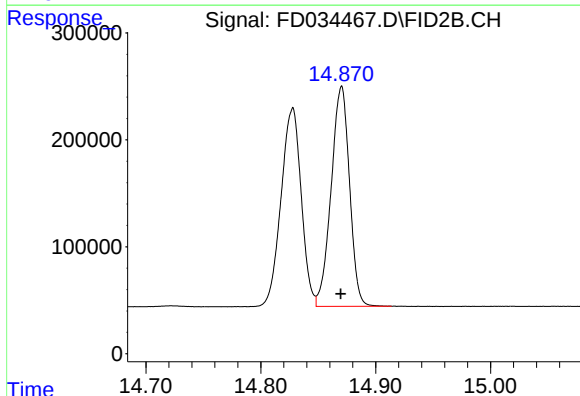
#13 Pyrene (C20.8)

R.T.: 12.957 min  
Delta R.T.: 0.000 min  
Response: 2286123  
Conc: 17.17 ug/ml



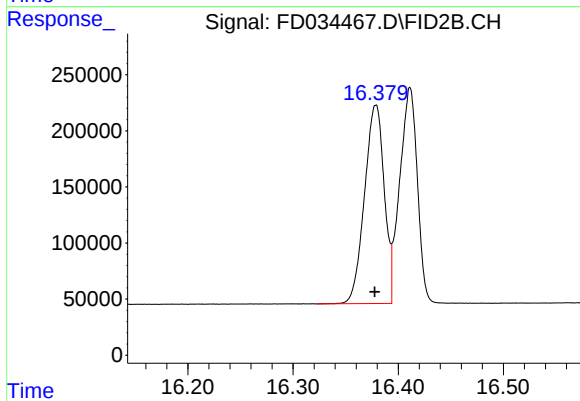
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min  
Delta R.T.: 0.000 min  
Response: 2267346  
Conc: 17.28 ug/ml



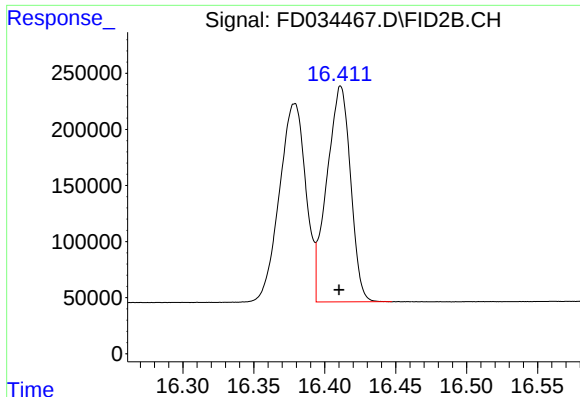
#15 Chrysene (C27.41)

R.T.: 14.870 min  
Delta R.T.: 0.000 min  
Response: 2288841  
Conc: 17.46 ug/ml



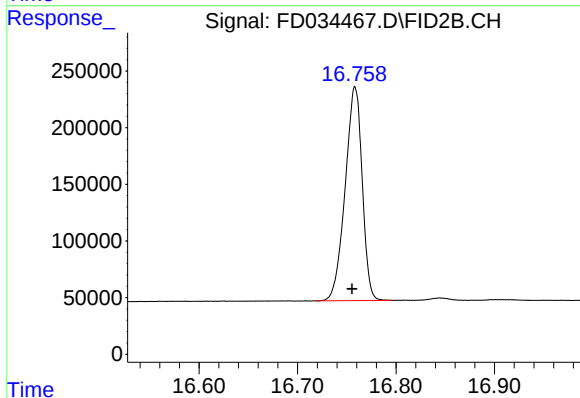
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.379 min  
Delta R.T.: 0.001 min  
Response: 2306008  
Conc: 18.02 ug/ml



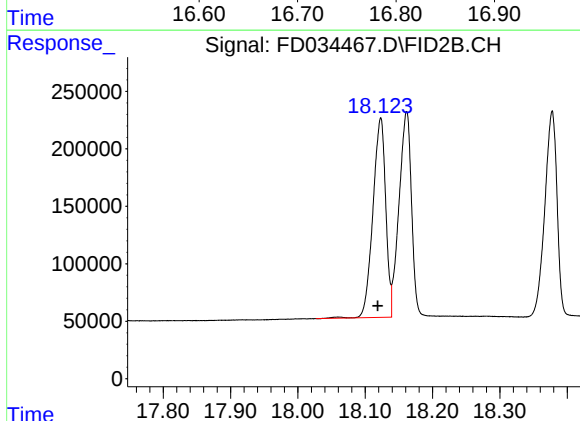
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.411 min  
Delta R.T.: 0.001 min  
Response: 2236543  
Conc: 18.06 ug/ml



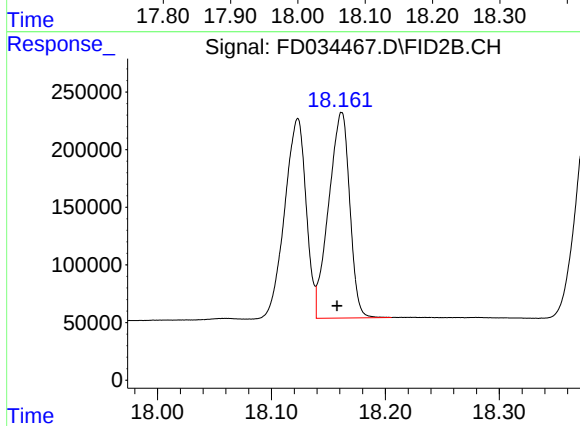
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.758 min  
Delta R.T.: 0.003 min  
Response: 2266597  
Conc: 18.10 ug/ml



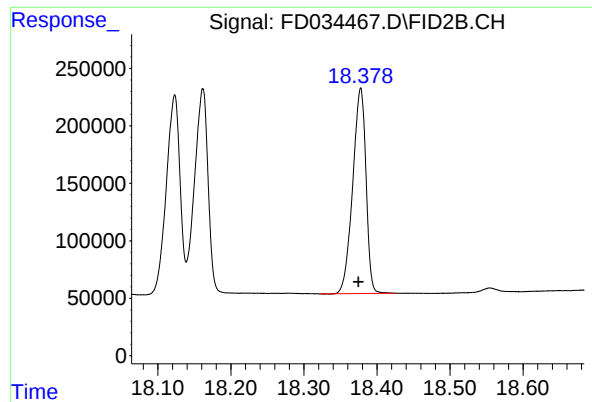
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.123 min  
Delta R.T.: 0.004 min  
Response: 2288851  
Conc: 19.02 ug/ml



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

R.T.: 18.162 min  
Delta R.T.: 0.004 min  
Response: 2289830  
Conc: 19.40 ug/ml



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

R.T.: 18.378 min  
Delta R.T.: 0.003 min  
Response: 2254068  
Conc: 19.02 ug/ml