

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012519AR\  
 Data File : FD027459.D  
 Signal(s) : FID2B.CH  
 Acq On : 26 Jan 2019 18:13  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 28 04:31:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 010719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 08 07:22:50 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...      | 7.350  | 1837450    | 19.451 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.90%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.199  | 1286210    | 20.169 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.34%       |
| 11) S ortho-Terphenyl (SURR)       | 11.238 | 2289366    | 21.478 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.96%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.159  | 1983984    | 19.569 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.687  | 2097625    | 19.377 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.737  | 2088221    | 19.545 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.003  | 2085341    | 20.275 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.298  | 2182100    | 20.255 ug/ml |
| 8) T Flouorene (C16.55)            | 9.076  | 2191439    | 20.582 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.463 | 2282638    | 21.637 ug/ml |
| 10) T Anthracene (C19.43)          | 10.538 | 2233795    | 21.403 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.267 | 2379748    | 22.850 ug/ml |
| 13) T Pyrene (C20.8)               | 12.559 | 2380855    | 23.057 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.427 | 2348656    | 23.947 ug/ml |
| 15) T Chrysene (C27.41)            | 14.469 | 2377473    | 24.181 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.003 | 2449579    | 24.233 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.003 | 2449579    | 24.236 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.346 | 2358388    | 23.322 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.749 | 2103598    | 20.157 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.749 | 2103598    | 20.535 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.958 | 2143167    | 20.328 ug/ml |
| -----                              |        |            |              |

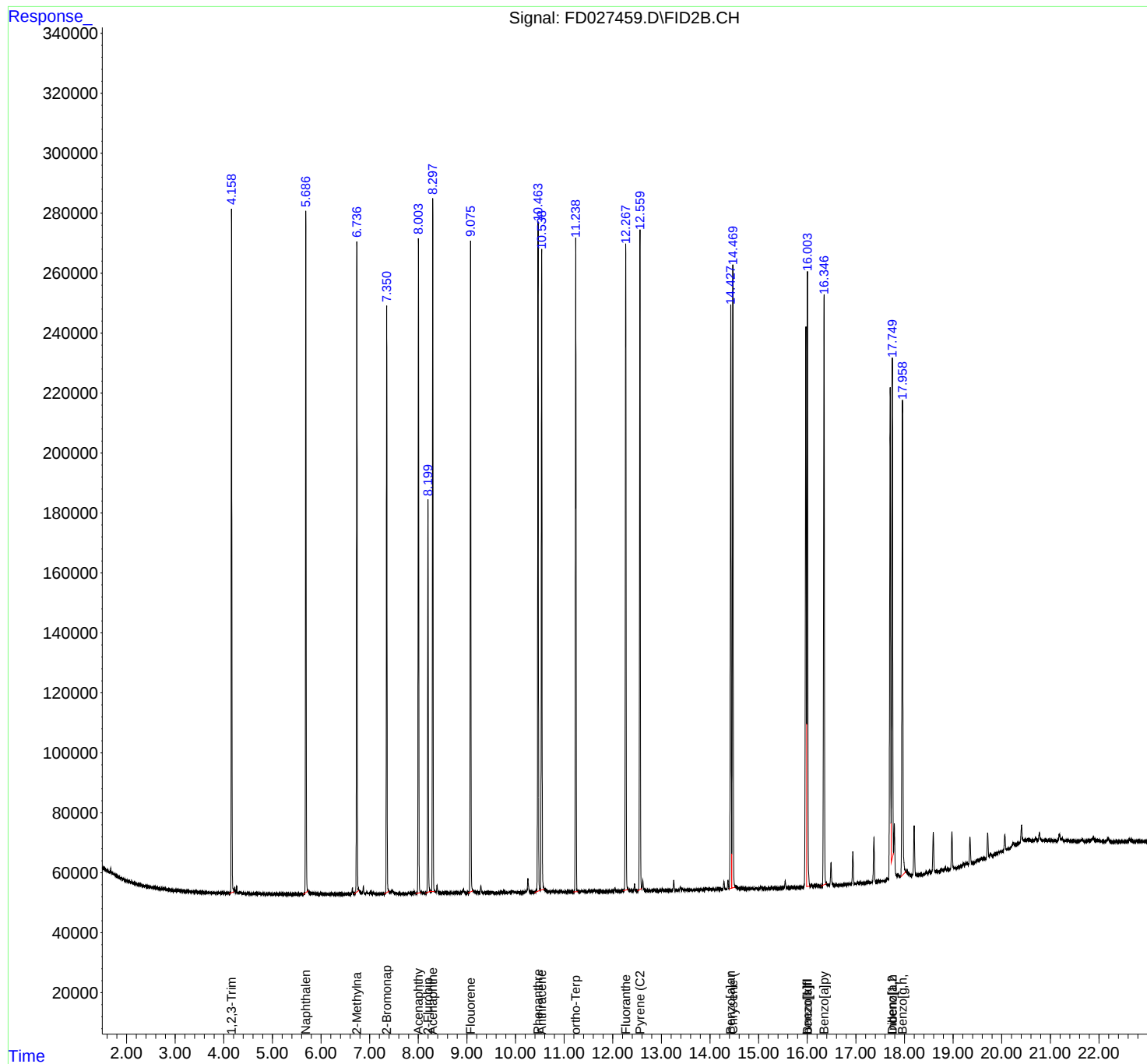
(f)=RT Delta > 1/2 Window

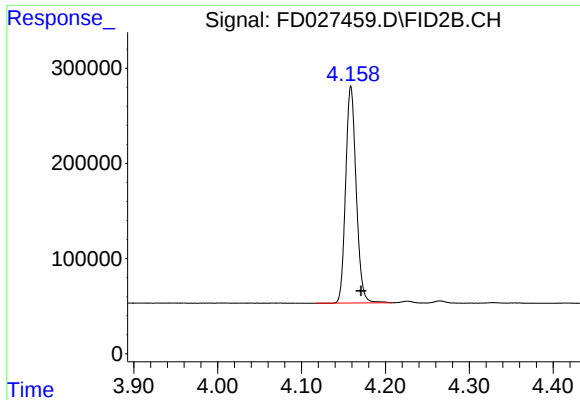
(m)=manual int.

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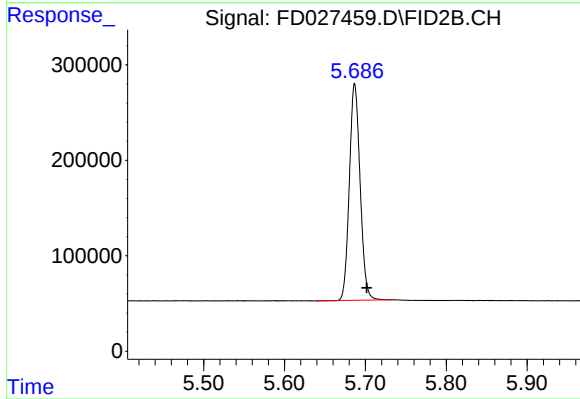
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





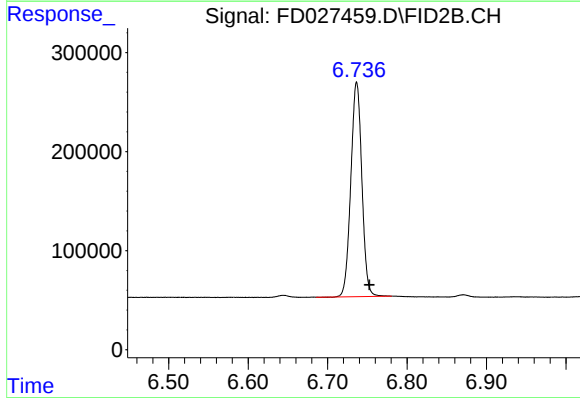
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min  
Delta R.T.: -0.012 min  
Response: 1983984  
Conc: 19.57 ug/ml



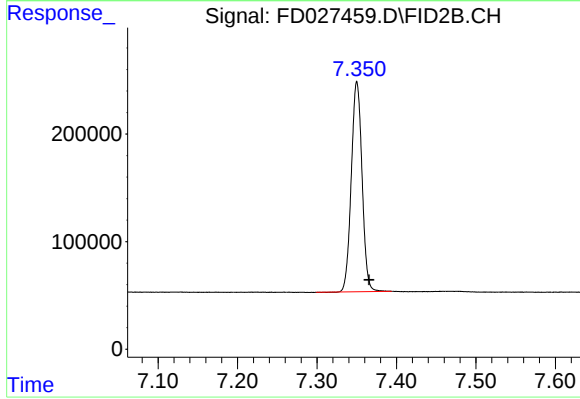
#2 Naphthalene (C11.7)

R.T.: 5.687 min  
Delta R.T.: -0.015 min  
Response: 2097625  
Conc: 19.38 ug/ml



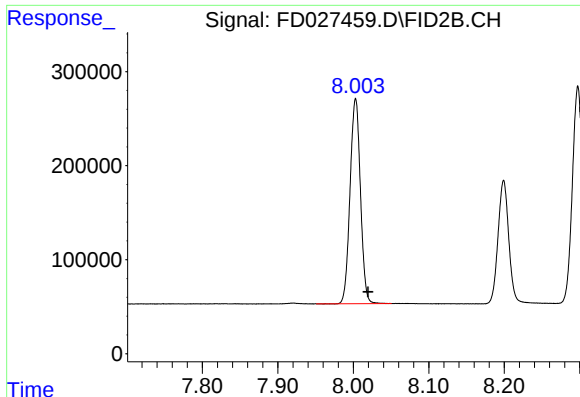
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min  
Delta R.T.: -0.016 min  
Response: 2088221  
Conc: 19.55 ug/ml



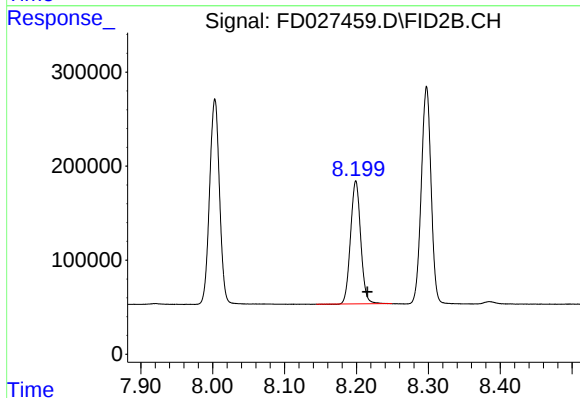
#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min  
Delta R.T.: -0.015 min  
Response: 1837450  
Conc: 19.45 ug/ml



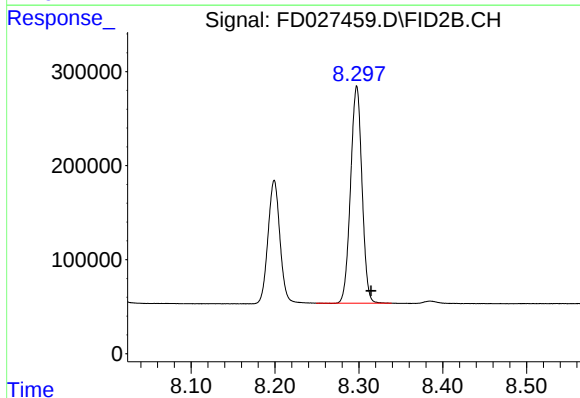
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min  
Delta R.T.: -0.016 min  
Response: 2085341  
Conc: 20.27 ug/ml



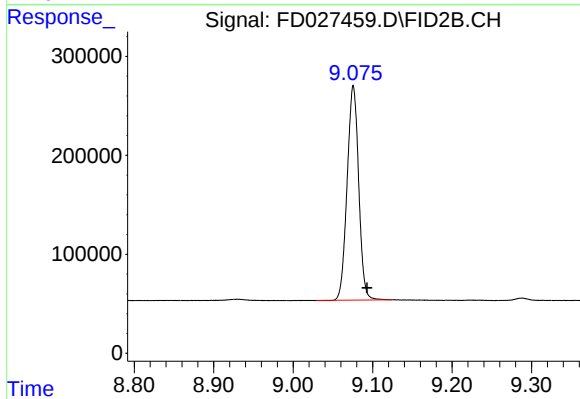
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min  
Delta R.T.: -0.016 min  
Response: 1286210  
Conc: 20.17 ug/ml



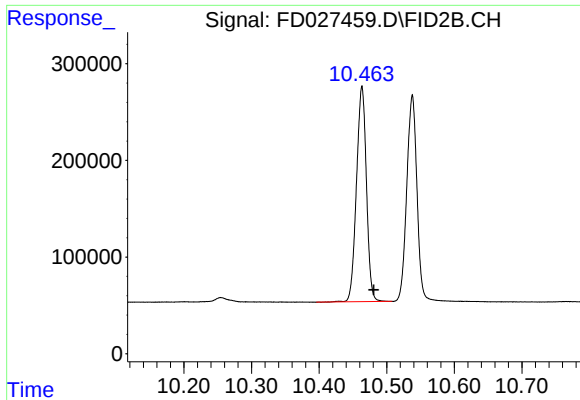
#7 Acenaphthene (C15.5)

R.T.: 8.298 min  
Delta R.T.: -0.017 min  
Response: 2182100  
Conc: 20.26 ug/ml



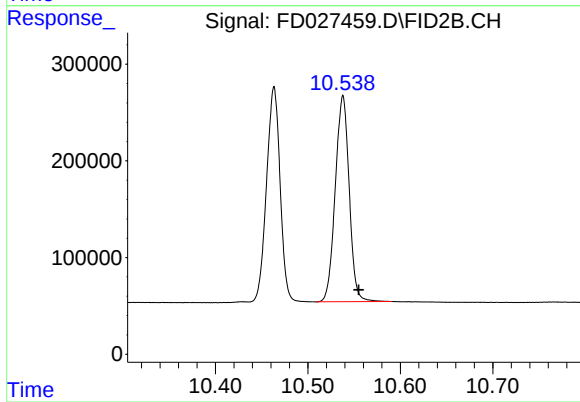
#8 Flouorene (C16.55)

R.T.: 9.076 min  
Delta R.T.: -0.017 min  
Response: 2191439  
Conc: 20.58 ug/ml



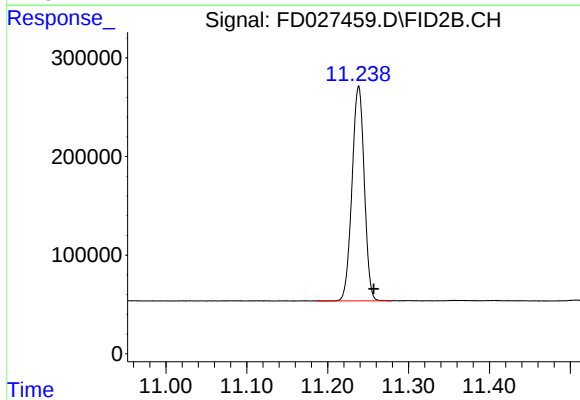
#9 Phenanthrene (C19.36)

R.T.: 10.463 min  
Delta R.T.: -0.017 min  
Response: 2282638  
Conc: 21.64 ug/ml



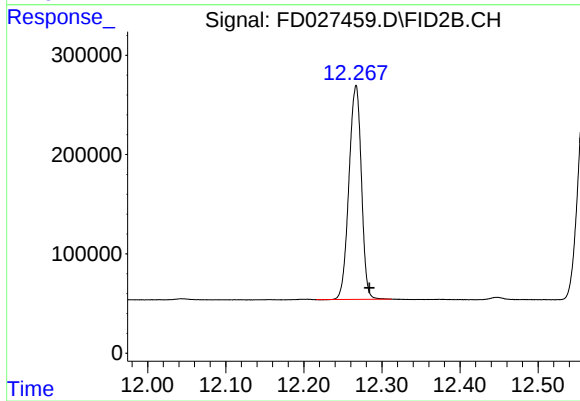
#10 Anthracene (C19.43)

R.T.: 10.538 min  
Delta R.T.: -0.017 min  
Response: 2233795  
Conc: 21.40 ug/ml



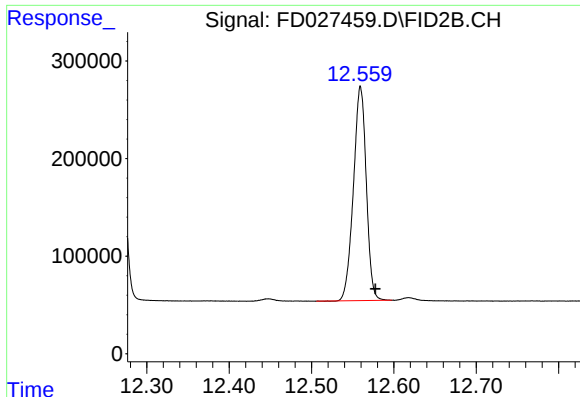
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min  
Delta R.T.: -0.019 min  
Response: 2289366  
Conc: 21.48 ug/ml



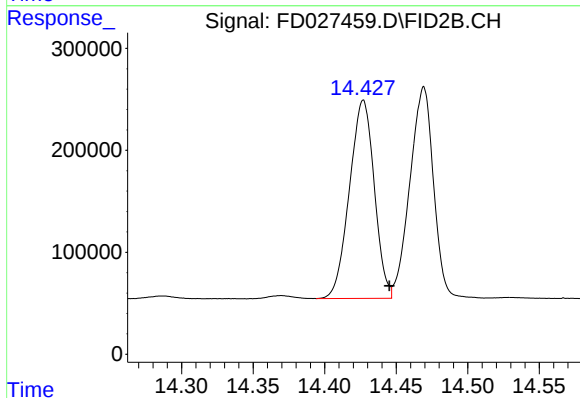
#12 Fluoranthene (C21.85)

R.T.: 12.267 min  
Delta R.T.: -0.017 min  
Response: 2379748  
Conc: 22.85 ug/ml



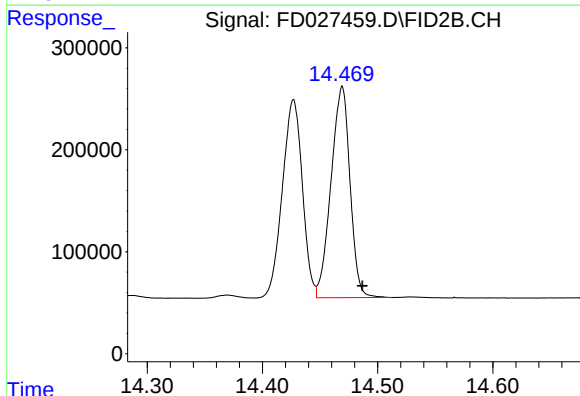
#13 Pyrene (C20.8)

R.T.: 12.559 min  
Delta R.T.: -0.018 min  
Response: 2380855  
Conc: 23.06 ug/ml



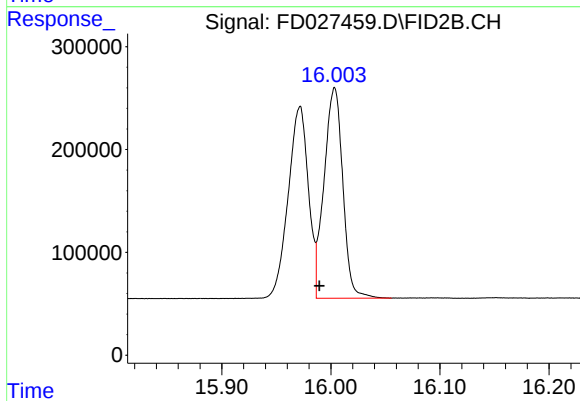
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min  
Delta R.T.: -0.018 min  
Response: 2348656  
Conc: 23.95 ug/ml



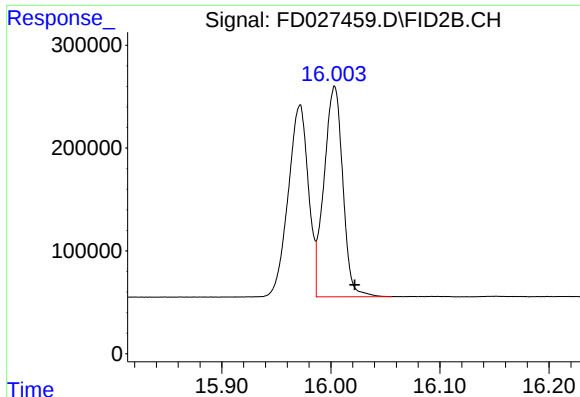
#15 Chrysene (C27.41)

R.T.: 14.469 min  
Delta R.T.: -0.018 min  
Response: 2377473  
Conc: 24.18 ug/ml



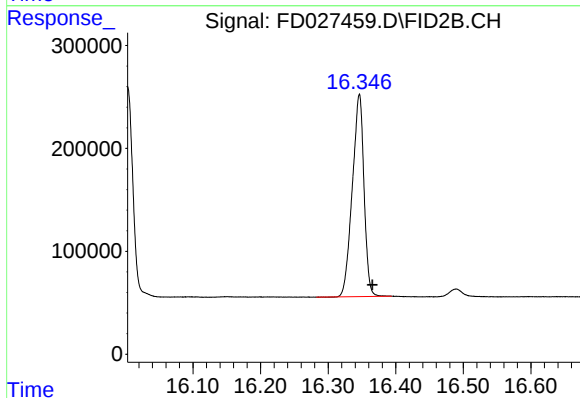
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.003 min  
Delta R.T.: 0.014 min  
Response: 2449579  
Conc: 24.23 ug/ml



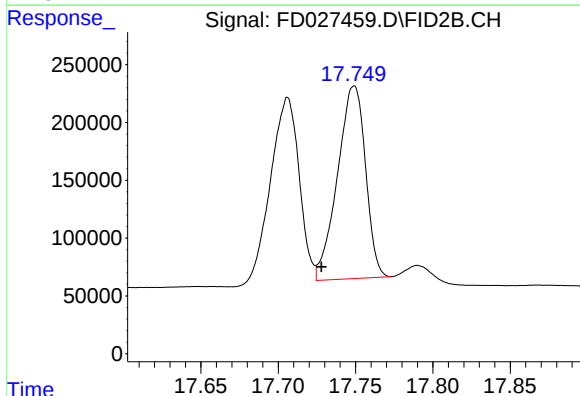
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.003 min  
Delta R.T.: -0.018 min  
Response: 2449579  
Conc: 24.24 ug/ml



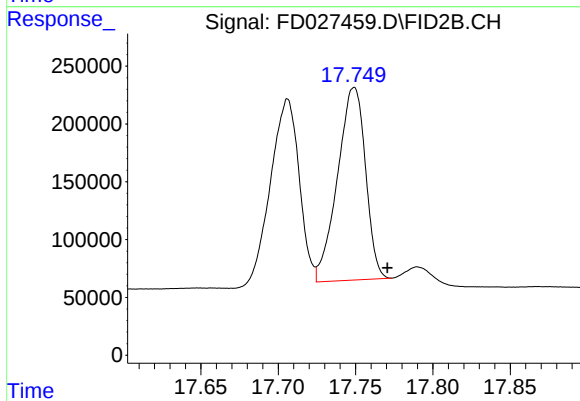
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min  
Delta R.T.: -0.019 min  
Response: 2358388  
Conc: 23.32 ug/ml



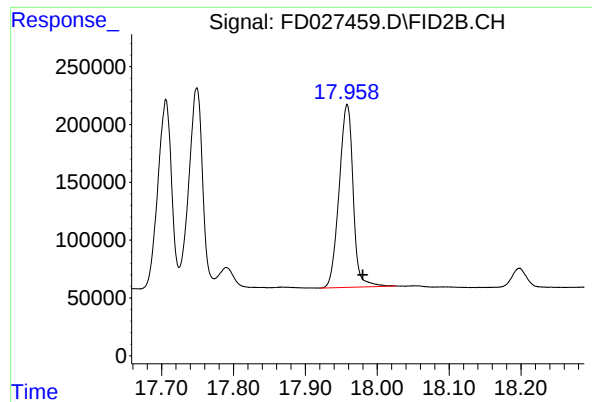
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min  
Delta R.T.: 0.021 min  
Response: 2103598  
Conc: 20.16 ug/ml



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

R.T.: 17.749 min  
Delta R.T.: -0.022 min  
Response: 2103598  
Conc: 20.54 ug/ml



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

R.T.: 17.958 min  
Delta R.T.: -0.022 min  
Response: 2143167  
Conc: 20.33 ug/ml