

Data Path : P:\HPCHEM1\FID D\Data\FD032718AR\  
 Data File : FD022667.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Mar 2018 13:24  
 Operator : UA/AJ  
 Sample : PB107686BS  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 28 13:53:08 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 032018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 21 07:06:57 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...           | 7.315  | 4447720    | 51.416 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 102.83%      |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.173  | 3014415    | 57.064 ug/ml |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 114.13%      |
| 11) S ortho-Terphenyl (SURR)            | 11.199 | 4813349    | 45.284 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 90.57%       |
|                                         |        |            |              |
| Target Compounds                        |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...           | 4.124  | 3267135    | 33.545 ug/ml |
| 2) T Naphthalene (C11.7)                | 5.653  | 2450488    | 26.388 ug/ml |
| 3) T 2-Methylnaphthalene (...)          | 6.703  | 4069875    | 44.275 ug/ml |
| 5) T Acenaphthylene (C15.06)            | 7.971  | 4339983    | 43.036 ug/ml |
| 7) T Acenaphthene (C15.5)               | 8.264  | 4592284    | 41.789 ug/ml |
| 8) T Fluorene (C16.55)                  | 9.045  | 4634664    | 46.018 ug/ml |
| 9) T Phenanthrene (C19.36)              | 10.438 | 4920255    | 46.752 ug/ml |
| 10) T Anthracene (C19.43)               | 10.514 | 4939989    | 46.039 ug/ml |
| 12) T Fluoranthene (C21.85)             | 12.248 | 5137592    | 45.324 ug/ml |
| 13) T Pyrene (C20.8)                    | 12.542 | 5036236    | 44.879 ug/ml |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.422 | 4855480    | 47.017 ug/ml |
| 15) T Chrysene (C27.41)                 | 14.463 | 5865053    | 50.514 ug/ml |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 15.979 | 4825931    | 46.446 ug/ml |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 16.011 | 5118228    | 42.226 ug/ml |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.360 | 4564008    | 42.860 ug/ml |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.767 | 4762271    | 71.119 ug/ml |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.767 | 4762271    | 39.187 ug/ml |
| 21) T Benzo[ <i>a,h,i</i> ]pervlene ... | 17.988 | 3309483    | 40.133 ug/ml |
| -----                                   |        |            |              |

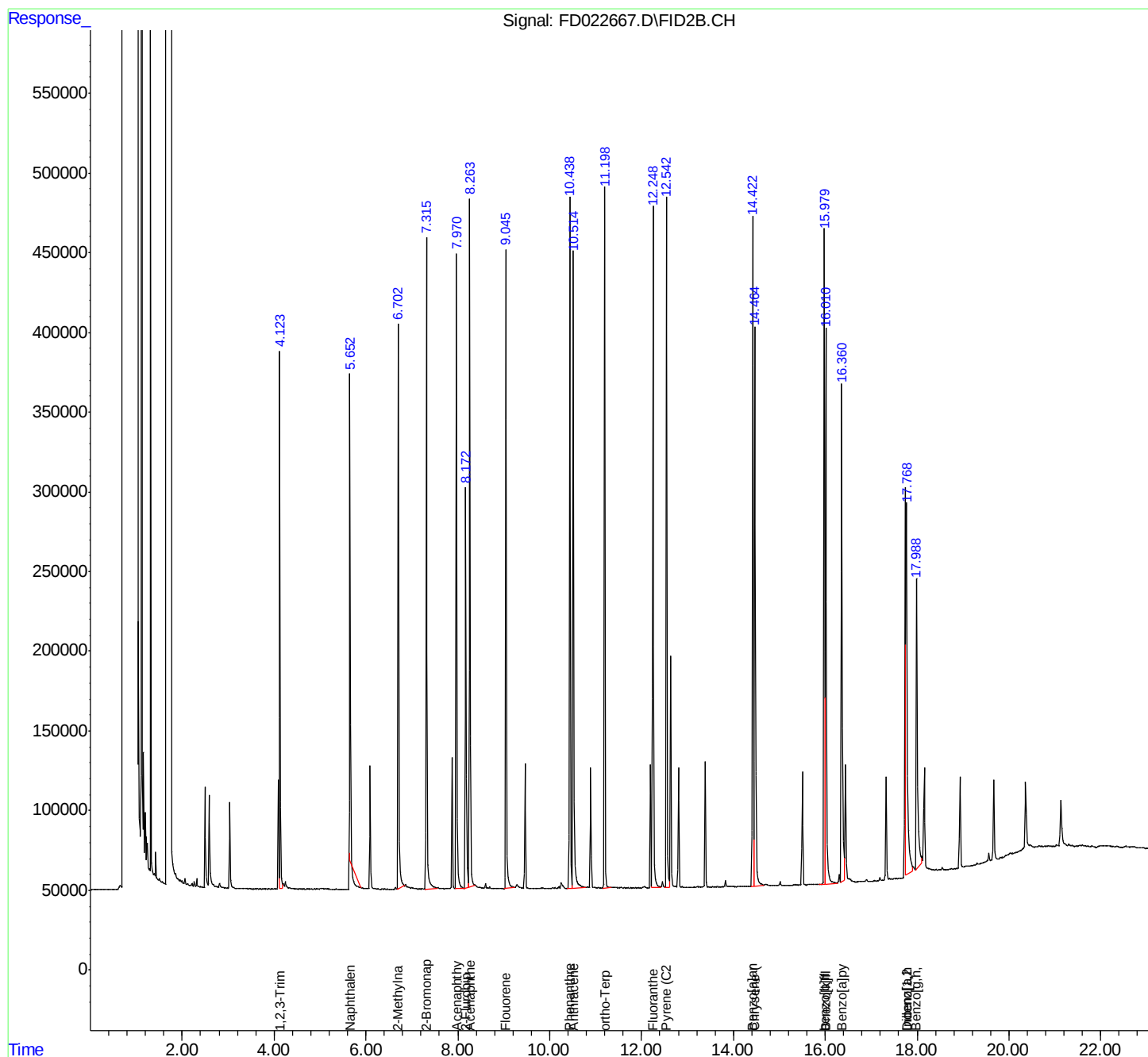
(f)=RT Delta > 1/2 Window

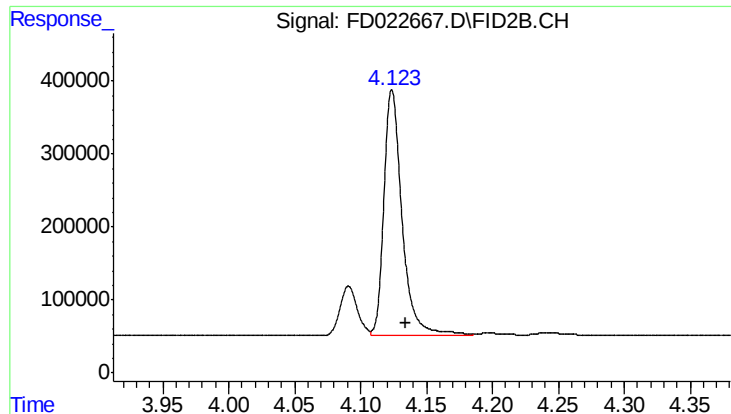
(m)=manual int.

Data Path : P:\HPCHEM1\FID D\Data\FD032718AR\  
Data File : FD022667.D  
Signal(s) : FID2B.CH  
Acq On : 28 Mar 2018 13:24  
Operator : UA/AJ  
Sample : PB107686BS  
Misc :  
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e  
Quant Time: Mar 28 13:53:08 2018  
Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 032018.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 21 07:06:57 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

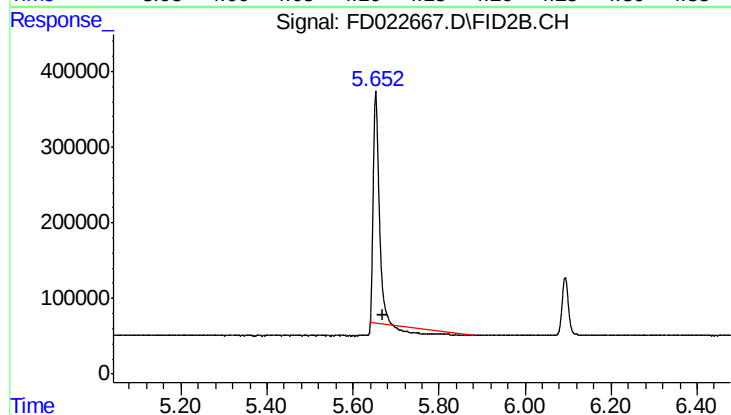
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





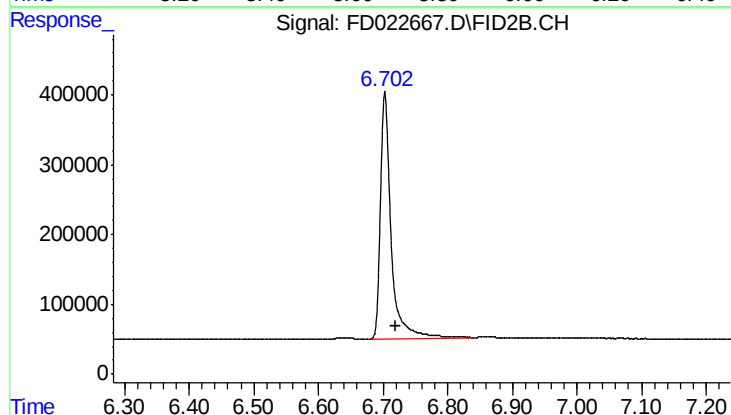
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.124 min  
Delta R.T.: -0.010 min  
Response: 3267135  
Conc: 33.54 ug/ml



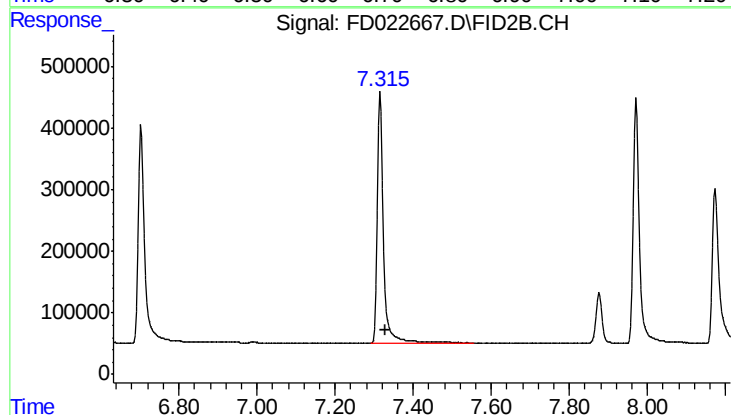
#2 Naphthalene (C11.7)

R.T.: 5.653 min  
Delta R.T.: -0.018 min  
Response: 2450488  
Conc: 26.39 ug/ml



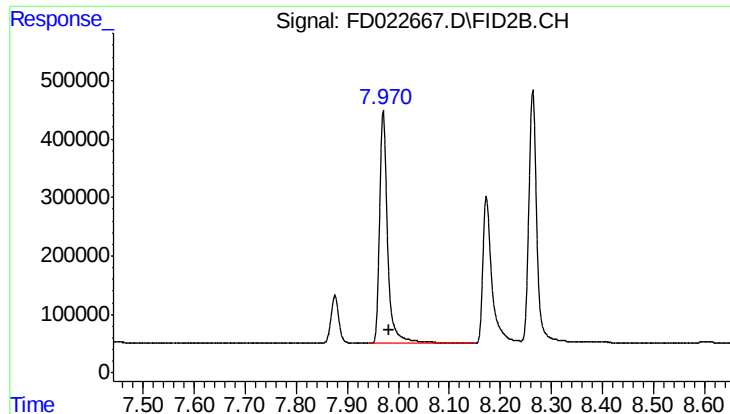
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.703 min  
Delta R.T.: -0.017 min  
Response: 4069875  
Conc: 44.28 ug/ml



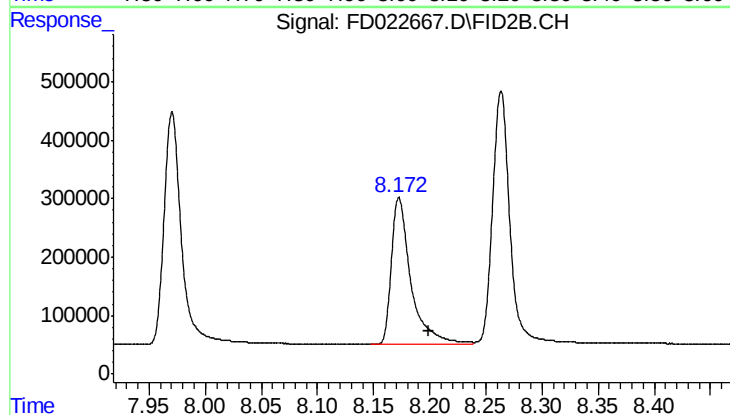
#4 2-Bromonaphthalene (SURR)

R.T.: 7.315 min  
Delta R.T.: -0.014 min  
Response: 4447720  
Conc: 51.42 ug/ml



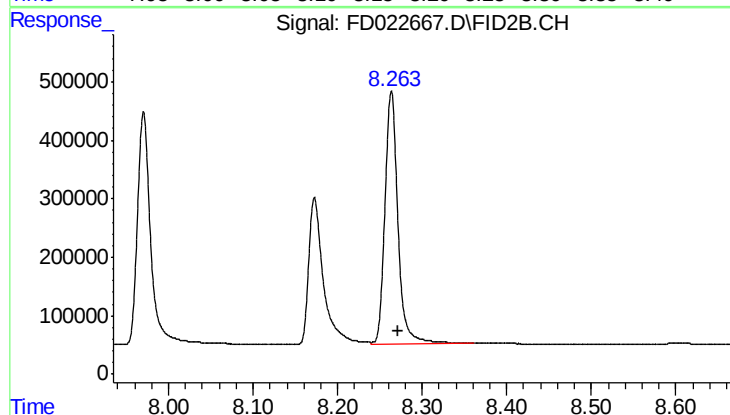
#5 Acenaphthylene (C15.06)

R.T.: 7.971 min  
Delta R.T.: -0.012 min  
Response: 4339983  
Conc: 43.04 ug/ml



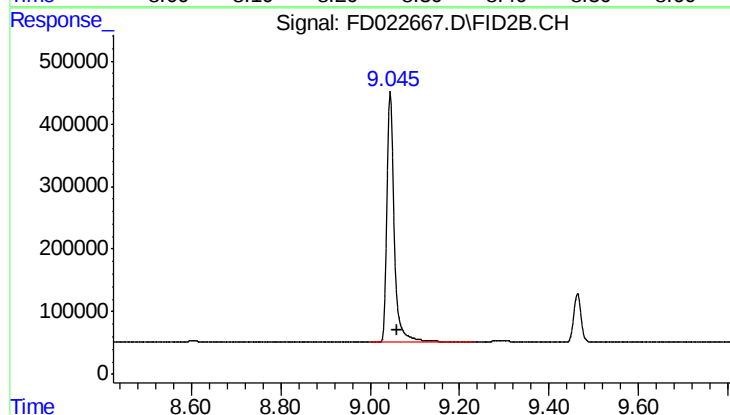
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.173 min  
Delta R.T.: -0.027 min  
Response: 3014415  
Conc: 57.06 ug/ml



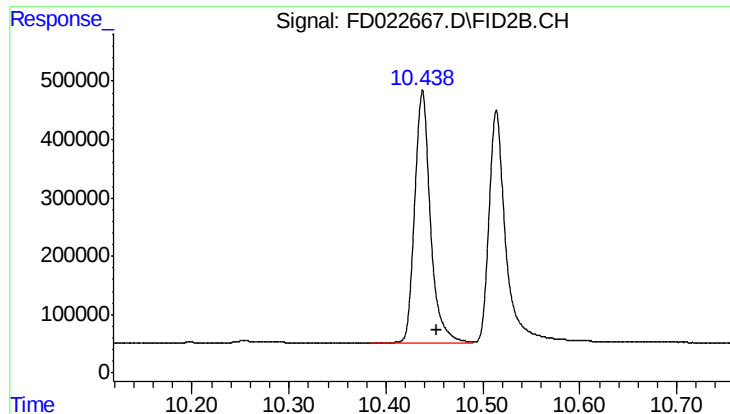
#7 Acenaphthene (C15.5)

R.T.: 8.264 min  
Delta R.T.: -0.009 min  
Response: 4592284  
Conc: 41.79 ug/ml



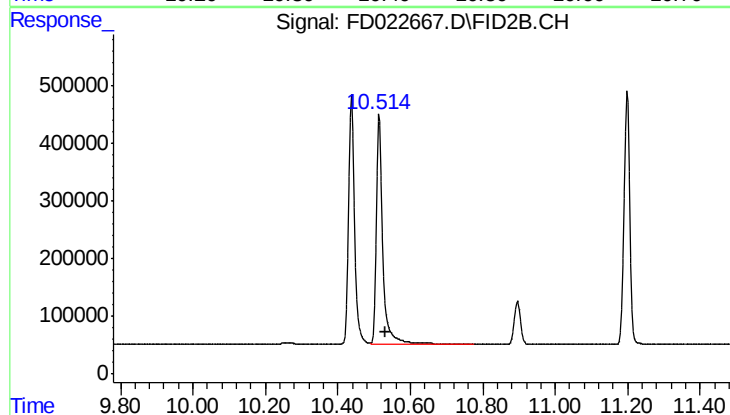
#8 Fluorene (C16.55)

R.T.: 9.045 min  
Delta R.T.: -0.015 min  
Response: 4634664  
Conc: 46.02 ug/ml



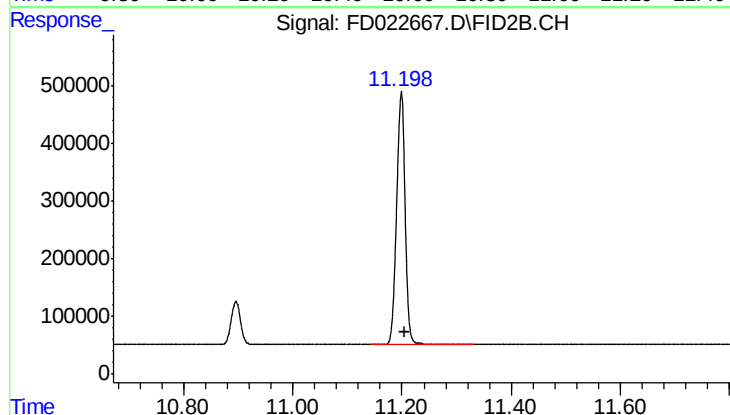
#9 Phenanthrene (C19.36)

R.T.: 10.438 min  
Delta R.T.: -0.014 min  
Response: 4920255  
Conc: 46.75 ug/ml



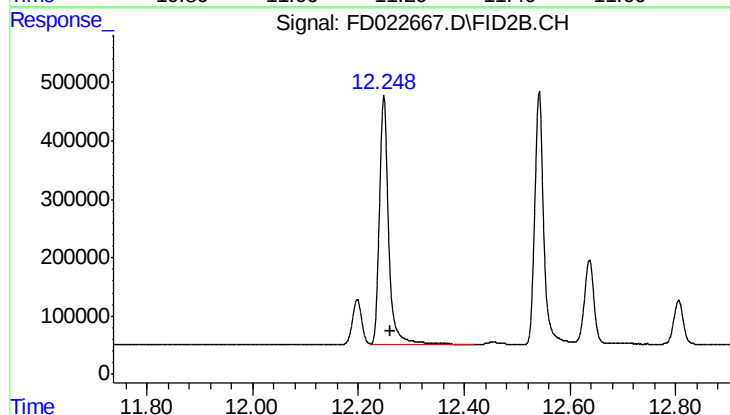
#10 Anthracene (C19.43)

R.T.: 10.514 min  
Delta R.T.: -0.018 min  
Response: 4939989  
Conc: 46.04 ug/ml



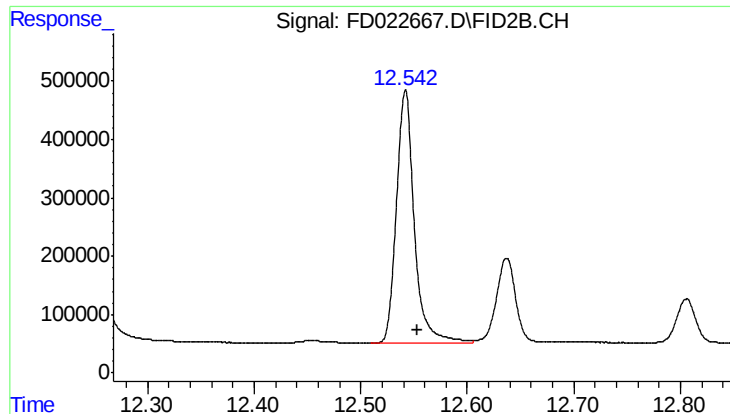
#11 ortho-Terphenyl (SURRE)

R.T.: 11.199 min  
Delta R.T.: -0.005 min  
Response: 4813349  
Conc: 45.28 ug/ml



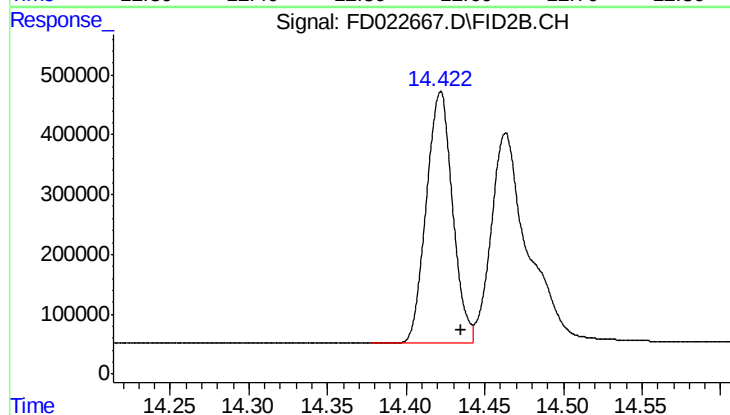
#12 Fluoranthene (C21.85)

R.T.: 12.248 min  
Delta R.T.: -0.013 min  
Response: 5137592  
Conc: 45.32 ug/ml



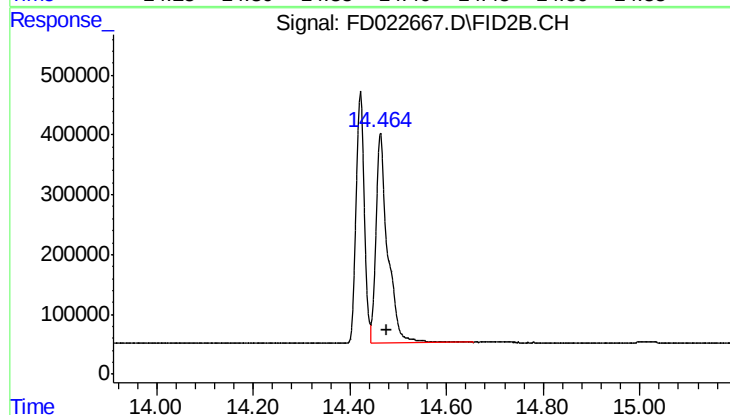
#13 Pyrene (C20.8)

R.T.: 12.542 min  
Delta R.T.: -0.011 min  
Response: 5036236  
Conc: 44.88 ug/ml



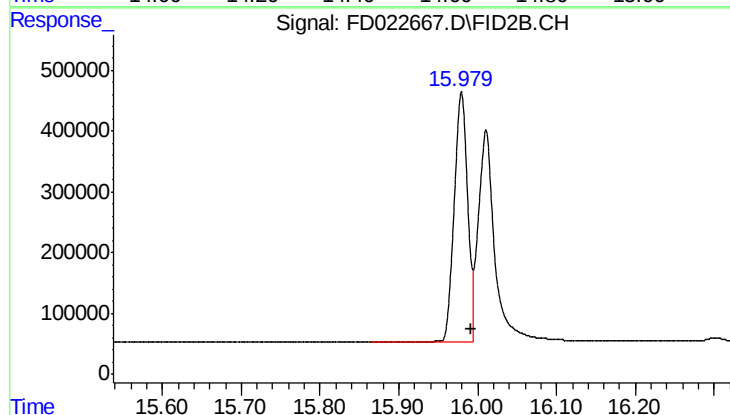
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min  
Delta R.T.: -0.013 min  
Response: 4855480  
Conc: 47.02 ug/ml



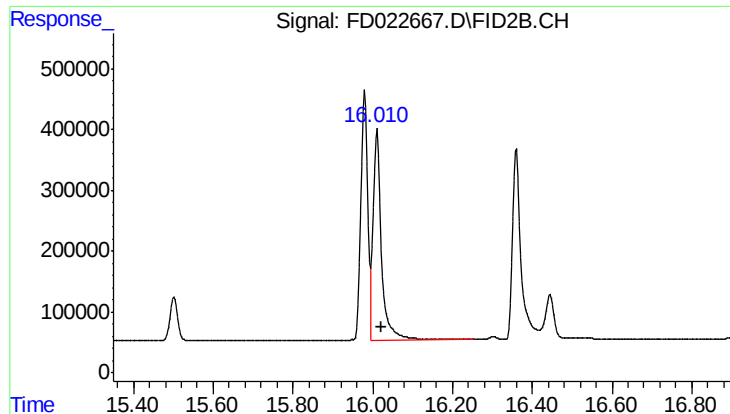
#15 Chrysene (C27.41)

R.T.: 14.463 min  
Delta R.T.: -0.014 min  
Response: 5865053  
Conc: 50.51 ug/ml



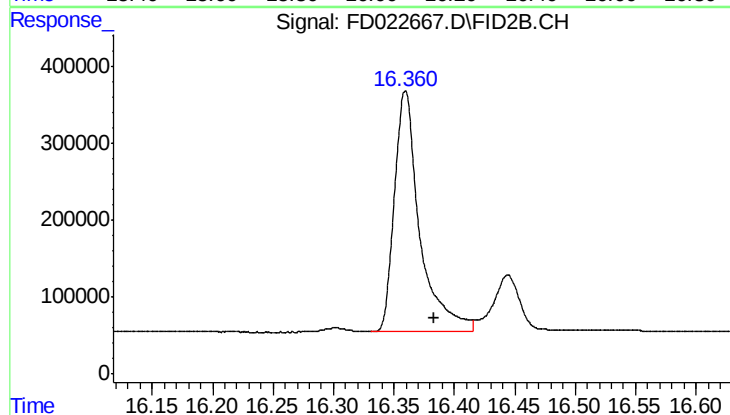
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.979 min  
Delta R.T.: -0.013 min  
Response: 4825931  
Conc: 46.45 ug/ml



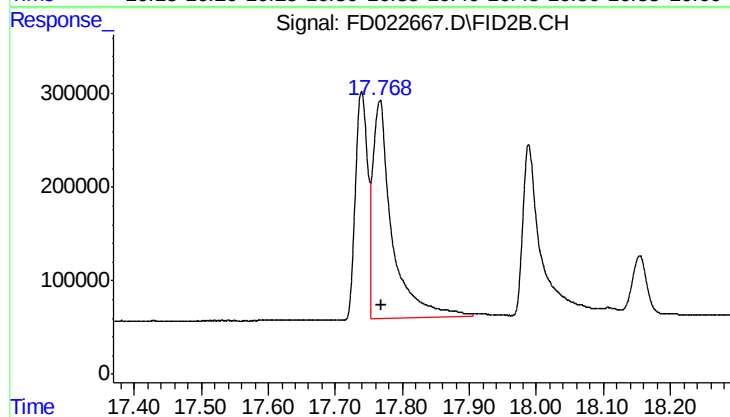
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.011 min  
Delta R.T.: -0.012 min  
Response: 5118228  
Conc: 42.23 ug/ml



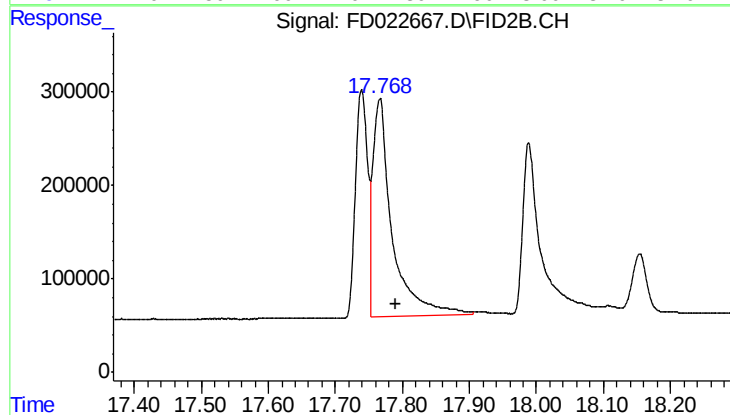
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min  
Delta R.T.: -0.023 min  
Response: 4564008  
Conc: 42.86 ug/ml



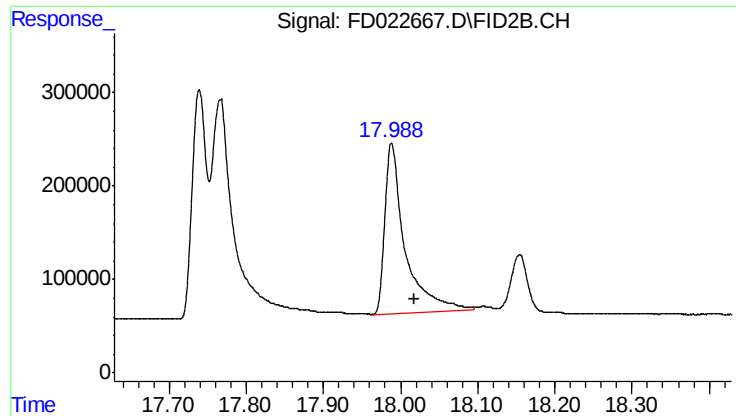
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.767 min  
Delta R.T.: -0.002 min  
Response: 4762271  
Conc: 71.12 ug/ml



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

R.T.: 17.767 min  
Delta R.T.: -0.022 min  
Response: 4762271  
Conc: 39.19 ug/ml



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

R.T.: 17.988 min  
Delta R.T.: -0.030 min  
Response: 3309483  
Conc: 40.13 ug/ml