

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD070318AR\  
 Data File : FD024858.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Jul 2018 23:11  
 Operator : UA/AJ  
 Sample : J3840-10MS  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 04 04:09:49 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062118.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 22 09:02:19 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...           | 7.475  | 4622296    | 50.529 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 101.06%      |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.331  | 3242598    | 51.127 ug/ml |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 102.25%      |
| 11) S ortho-Terphenyl (SURR)            | 11.380 | 3728474    | 37.152 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 74.30%       |
|                                         |        |            |              |
| Target Compounds                        |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...           | 4.269  | 2266649    | 24.389 ug/ml |
| 2) T Naphthalene (C11.7)                | 5.806  | 3323148    | 32.749 ug/ml |
| 3) T 2-Methylnaphthalene (...)          | 6.860  | 3597170    | 35.380 ug/ml |
| 5) T Acenaphthylene (C15.06)            | 8.134  | 3691841    | 36.974 ug/ml |
| 7) T Acenaphthene (C15.5)               | 8.431  | 3834724    | 36.710 ug/ml |
| 8) T Fluorene (C16.55)                  | 9.211  | 3913145    | 37.452 ug/ml |
| 9) T Phenanthrene (C19.36)              | 10.605 | 4419108    | 42.980 ug/ml |
| 10) T Anthracene (C19.43)               | 10.679 | 3933211    | 38.579 ug/ml |
| 12) T Fluoranthene (C21.85)             | 12.417 | 4617849    | 46.312 ug/ml |
| 13) T Pyrene (C20.8)                    | 12.711 | 4468633    | 44.938 ug/ml |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.584 | 4173819    | 44.459 ug/ml |
| 15) T Chrysene (C27.41)                 | 14.626 | 4126360    | 43.618 ug/ml |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 16.134 | 4437396    | 42.911 ug/ml |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 16.168 | 3967492    | 37.598 ug/ml |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.511 | 4304815    | 41.424 ug/ml |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.875 | 4000196    | 37.529 ug/ml |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.915 | 3704755    | 35.422 ug/ml |
| 21) T Benzo[ <i>a,h,i</i> ]pervlene ... | 18.131 | 4052079    | 38.149 ug/ml |
| -----                                   |        |            |              |

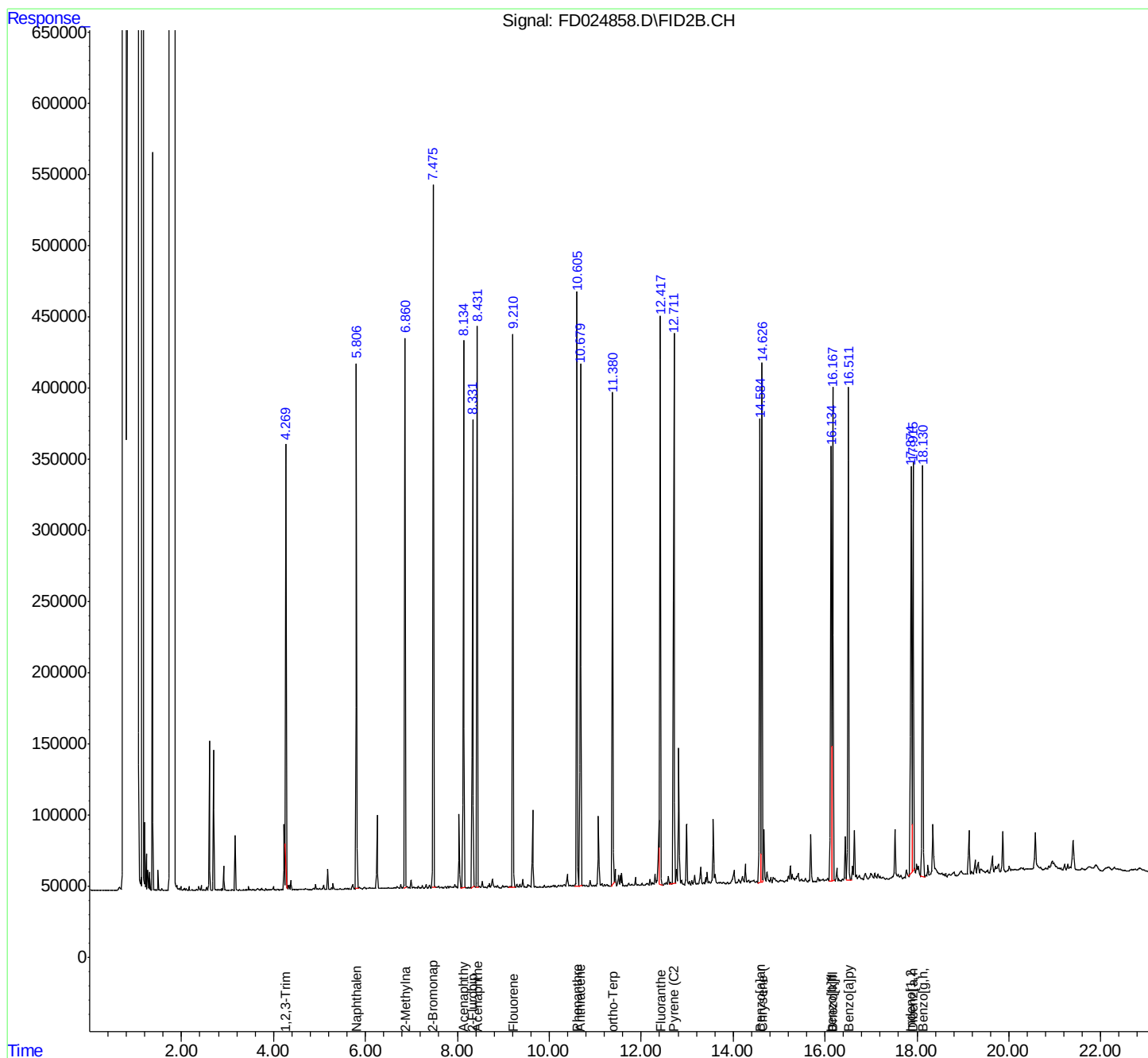
(f)=RT Delta > 1/2 Window

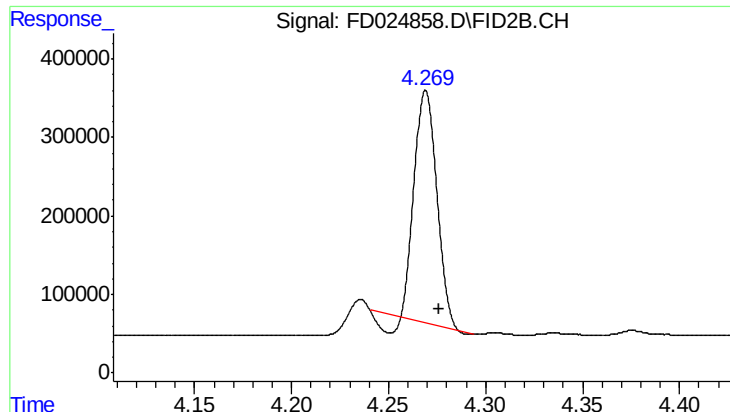
(m)=manual int.

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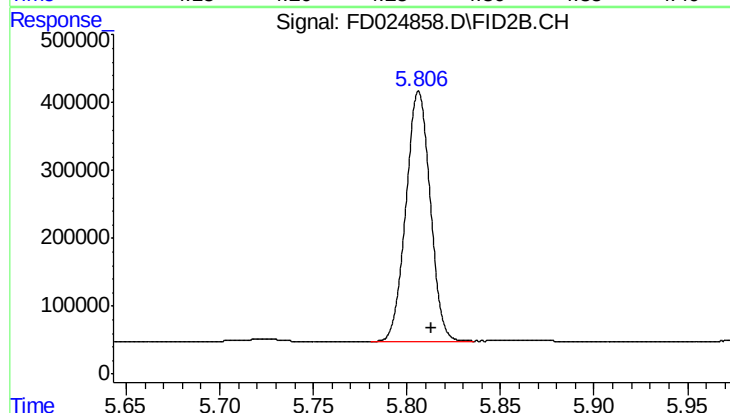
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





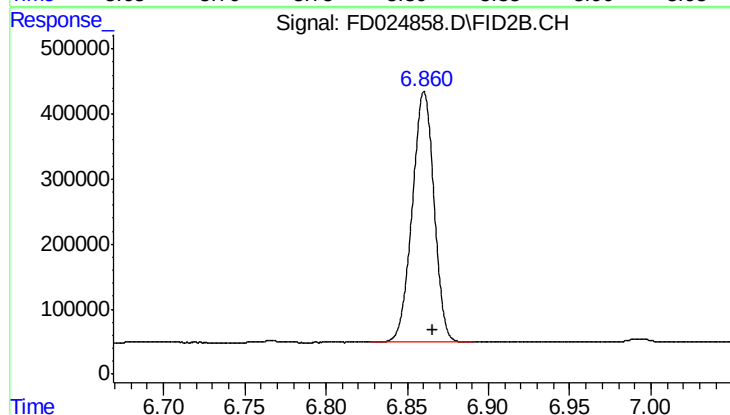
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.269 min  
Delta R.T.: -0.007 min  
Response: 2266649  
Conc: 24.39 ug/ml



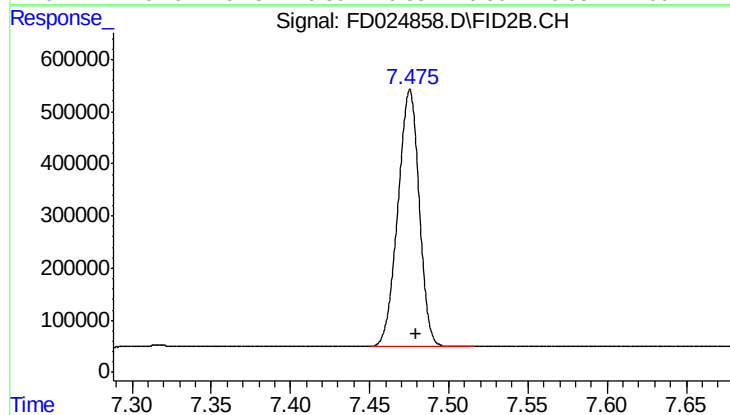
#2 Naphthalene (C11.7)

R.T.: 5.806 min  
Delta R.T.: -0.007 min  
Response: 3323148  
Conc: 32.75 ug/ml



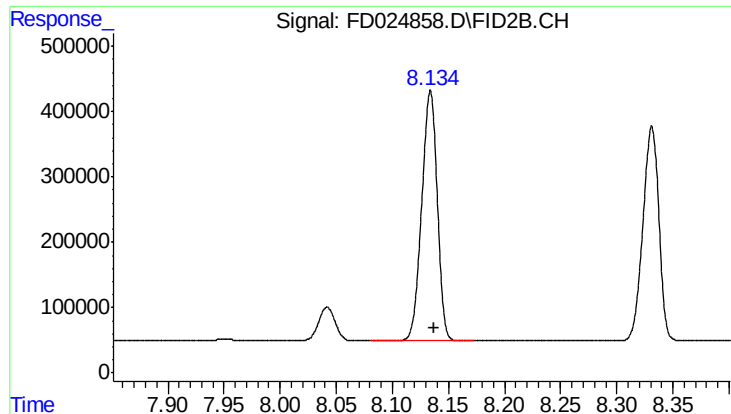
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min  
Delta R.T.: -0.005 min  
Response: 3597170  
Conc: 35.38 ug/ml



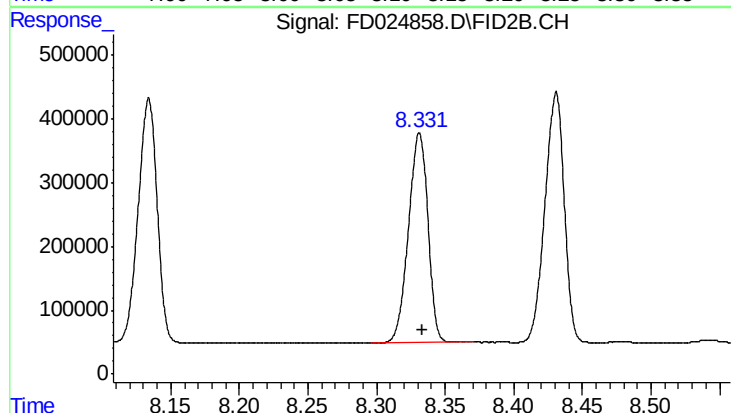
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min  
Delta R.T.: -0.004 min  
Response: 4622296  
Conc: 50.53 ug/ml



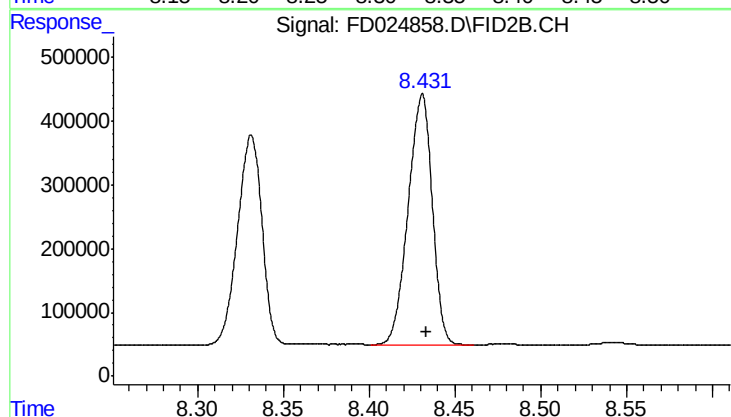
#5 Acenaphthylene (C15.06)

R.T.: 8.134 min  
Delta R.T.: -0.004 min  
Response: 3691841  
Conc: 36.97 ug/ml



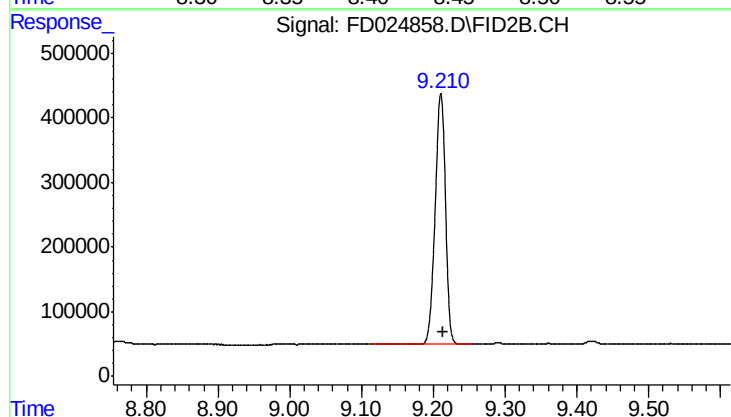
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.331 min  
Delta R.T.: -0.002 min  
Response: 3242598  
Conc: 51.13 ug/ml



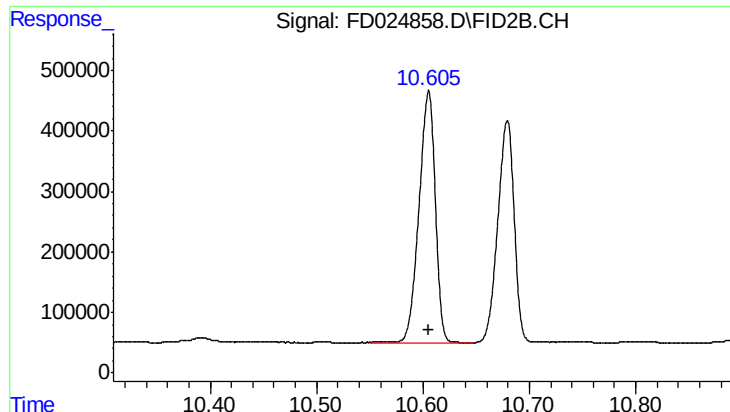
#7 Acenaphthene (C15.5)

R.T.: 8.431 min  
Delta R.T.: -0.002 min  
Response: 3834724  
Conc: 36.71 ug/ml



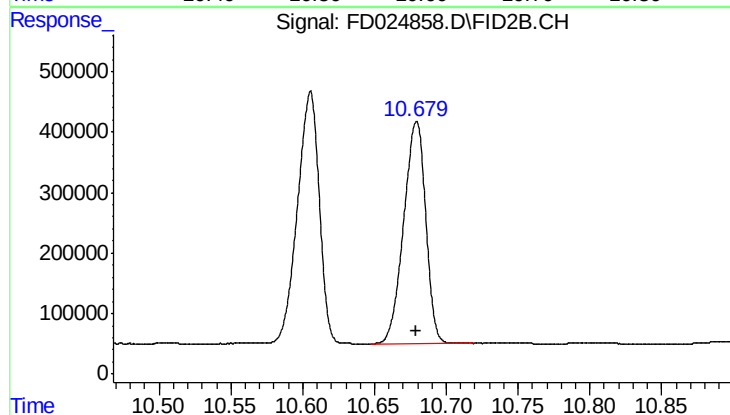
#8 Fluorene (C16.55)

R.T.: 9.211 min  
Delta R.T.: -0.002 min  
Response: 3913145  
Conc: 37.45 ug/ml



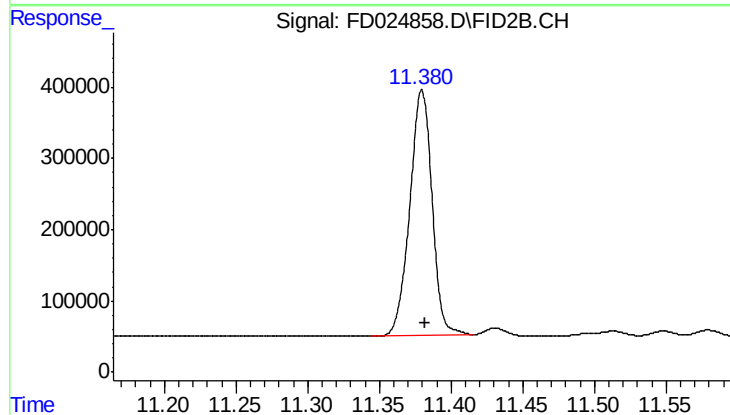
#9 Phenanthrene (C19.36)

R.T.: 10.605 min  
Delta R.T.: 0.000 min  
Response: 4419108  
Conc: 42.98 ug/ml



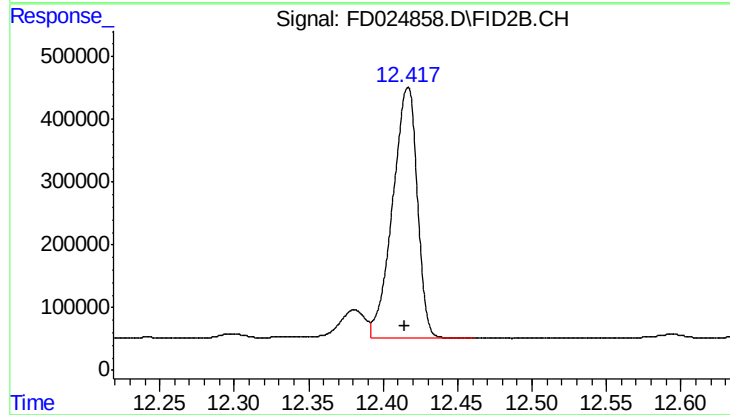
#10 Anthracene (C19.43)

R.T.: 10.679 min  
Delta R.T.: 0.000 min  
Response: 3933211  
Conc: 38.58 ug/ml



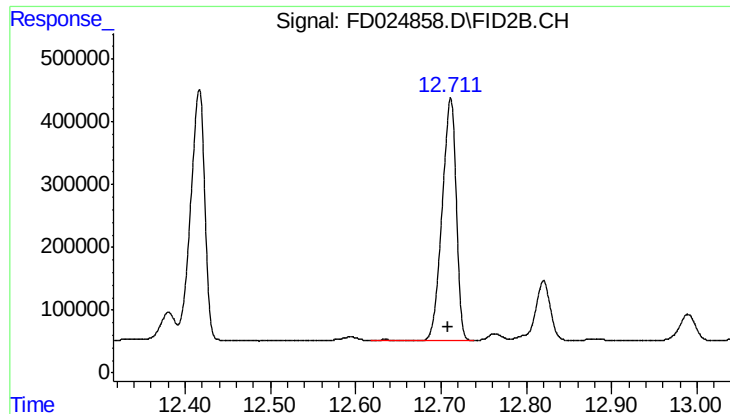
#11 ortho-Terphenyl (SURR)

R.T.: 11.380 min  
Delta R.T.: -0.002 min  
Response: 3728474  
Conc: 37.15 ug/ml



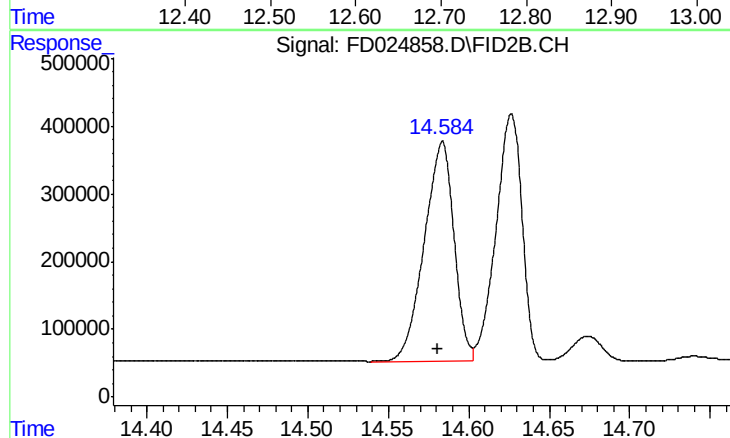
#12 Fluoranthene (C21.85)

R.T.: 12.417 min  
Delta R.T.: 0.002 min  
Response: 4617849  
Conc: 46.31 ug/ml



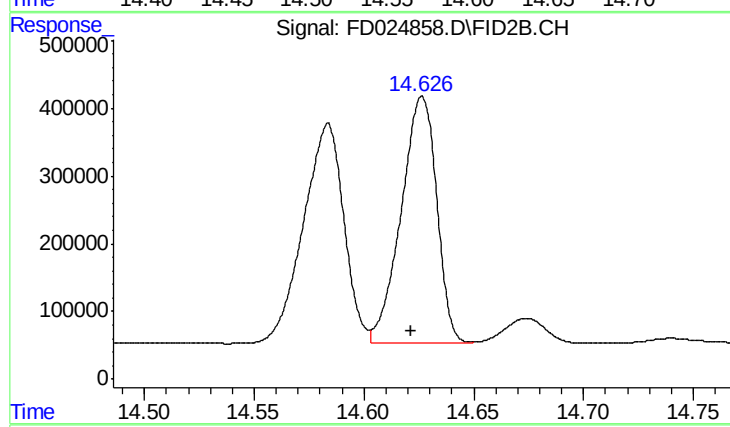
#13 Pyrene (C20.8)

R.T.: 12.711 min  
Delta R.T.: 0.002 min  
Response: 4468633  
Conc: 44.94 ug/ml



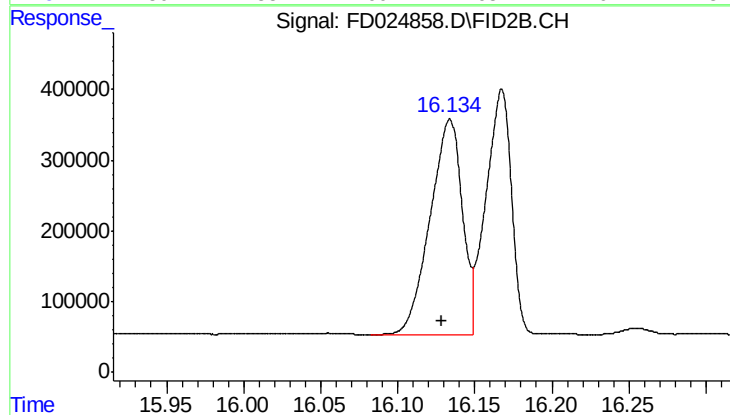
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min  
Delta R.T.: 0.003 min  
Response: 4173819  
Conc: 44.46 ug/ml



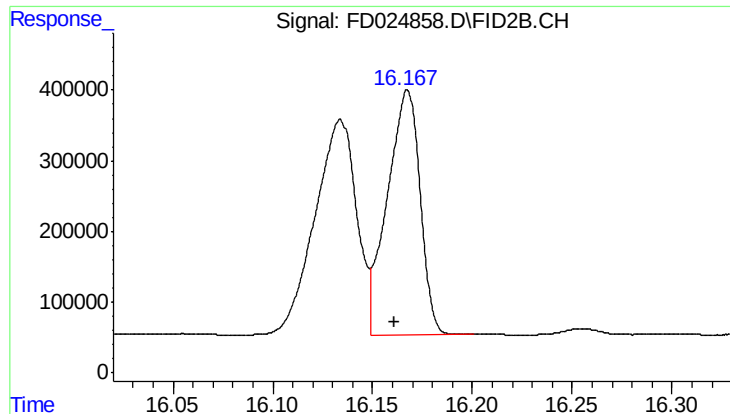
#15 Chrysene (C27.41)

R.T.: 14.626 min  
Delta R.T.: 0.005 min  
Response: 4126360  
Conc: 43.62 ug/ml



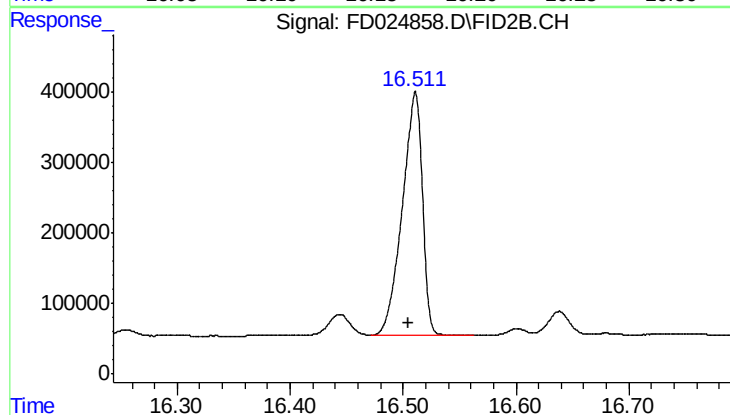
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.134 min  
Delta R.T.: 0.006 min  
Response: 4437396  
Conc: 42.91 ug/ml



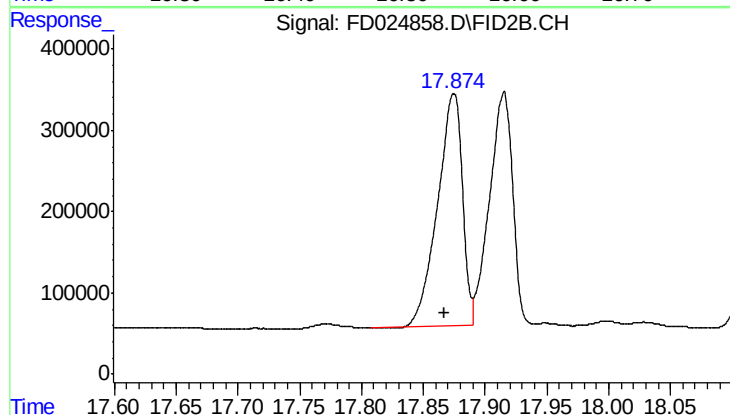
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.168 min  
Delta R.T.: 0.007 min  
Response: 3967492  
Conc: 37.60 ug/ml



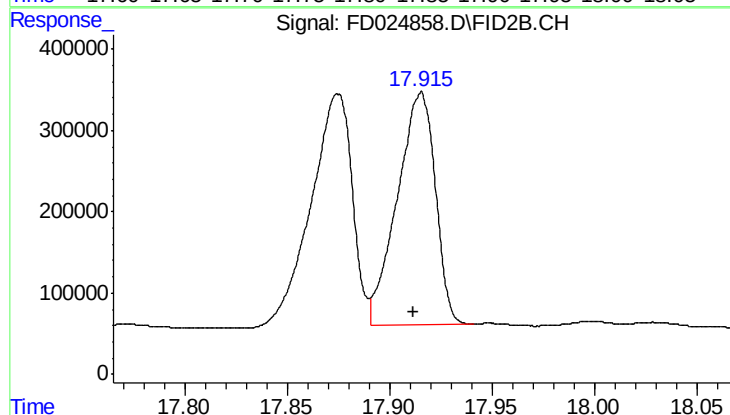
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.511 min  
Delta R.T.: 0.006 min  
Response: 4304815  
Conc: 41.42 ug/ml



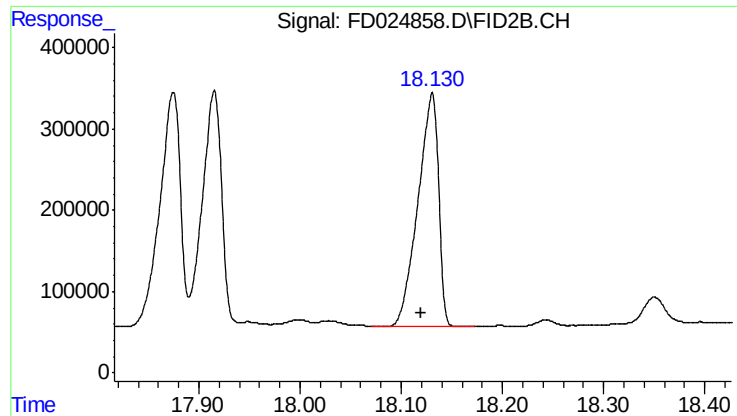
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.875 min  
Delta R.T.: 0.008 min  
Response: 4000196  
Conc: 37.53 ug/ml



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

R.T.: 17.915 min  
Delta R.T.: 0.003 min  
Response: 3704755  
Conc: 35.42 ug/ml



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

R.T.: 18.131 min  
Delta R.T.: 0.011 min  
Response: 4052079  
Conc: 38.15 ug/ml