

Data Path : P:\HPCHEM1\FID D\Data\FD040218AR\  
 Data File : FD022751.D  
 Signal(s) : FID2B.CH  
 Acq On : 02 Apr 2018 11:36  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 02 12:37:28 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  | 1636768    | 18.921 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 37.84%       |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.175  | 1057297    | 20.015 ug/ml |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 40.03%       |
| 11) S ortho-Terphenyl (SURR)            | 11.197 | 2003068    | 18.845 ug/ml |
| Spiked Amount 50.000                    |        | Recovery = | 37.69%       |
| Target Compounds                        |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...           | 4.124  | 1693915    | 17.392 ug/ml |
| 2) T Naphthalene (C11.7)                | 5.655  | 1551147    | 16.704 ug/ml |
| 3) T 2-Methylnaphthalene (...)          | 6.703  | 1747521    | 19.011 ug/ml |
| 5) T Acenaphthylene (C15.06)            | 7.970  | 1923059    | 19.069 ug/ml |
| 7) T Acenaphthene (C15.5)               | 8.262  | 2060227    | 18.748 ug/ml |
| 8) T Fluorene (C16.55)                  | 9.045  | 1947927    | 19.341 ug/ml |
| 9) T Phenanthrene (C19.36)              | 10.437 | 1991493    | 18.923 ug/ml |
| 10) T Anthracene (C19.43)               | 10.514 | 2007794    | 18.712 ug/ml |
| 12) T Fluoranthene (C21.85)             | 12.247 | 2100670    | 18.532 ug/ml |
| 13) T Pyrene (C20.8)                    | 12.541 | 2095128    | 18.670 ug/ml |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.421 | 1908676    | 18.482 ug/ml |
| 15) T Chrysene (C27.41)                 | 14.462 | 2091755    | 18.016 ug/ml |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 15.979 | 1880245    | 18.096 ug/ml |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 16.010 | 2213668    | 18.263 ug/ml |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.364 | 1899553    | 17.839 ug/ml |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.771 | 1865596    | 27.861 ug/ml |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.771 | 1865596    | 15.351 ug/ml |
| 21) T Benzo[ <i>a,h,i</i> ]pervlene ... | 17.997 | 1284142    | 15.573 ug/ml |
| -----                                   |        |            |              |

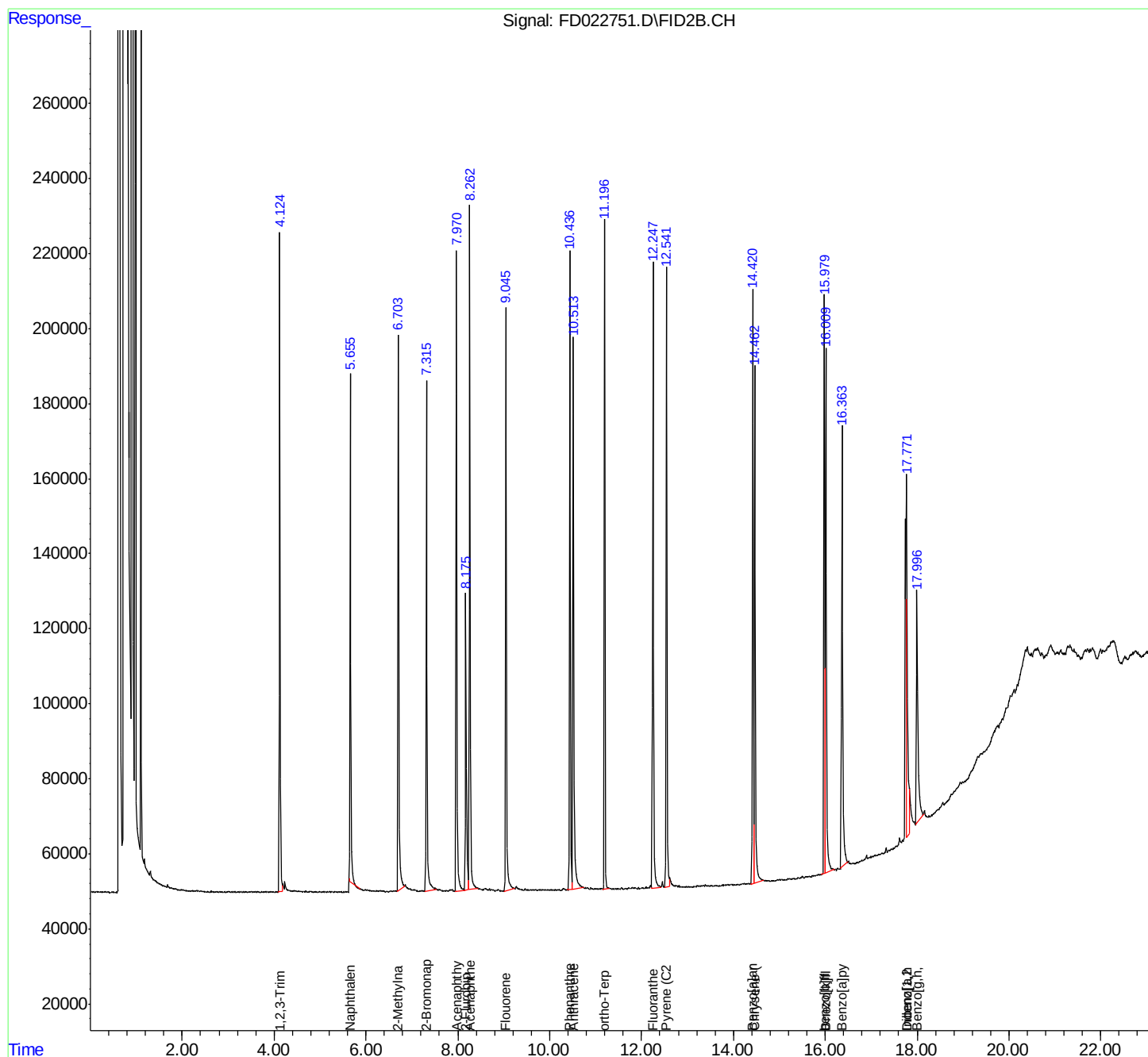
(f)=RT Delta > 1/2 Window

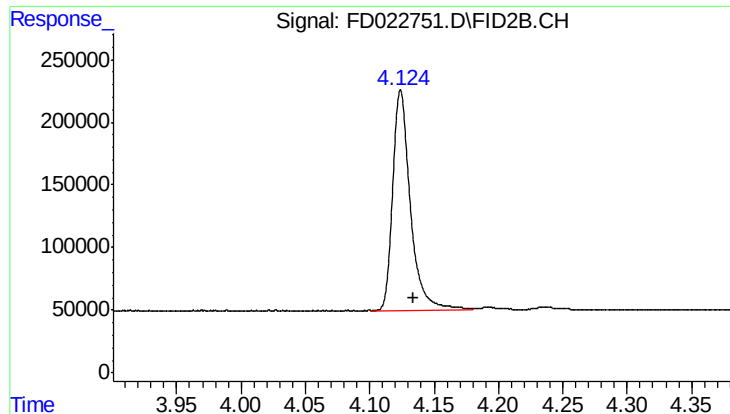
(m)=manual int.

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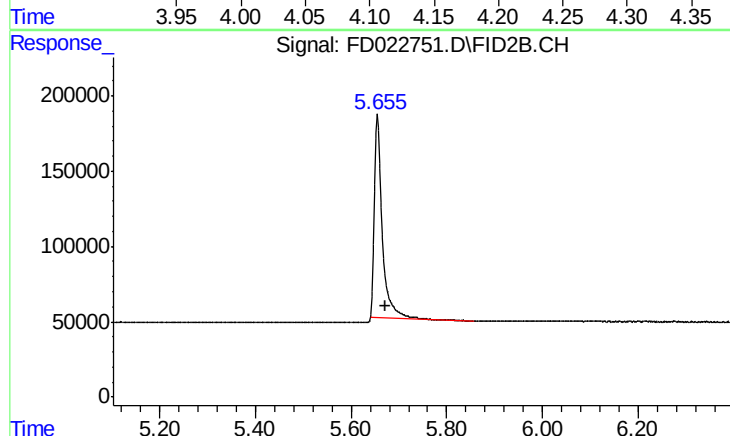
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





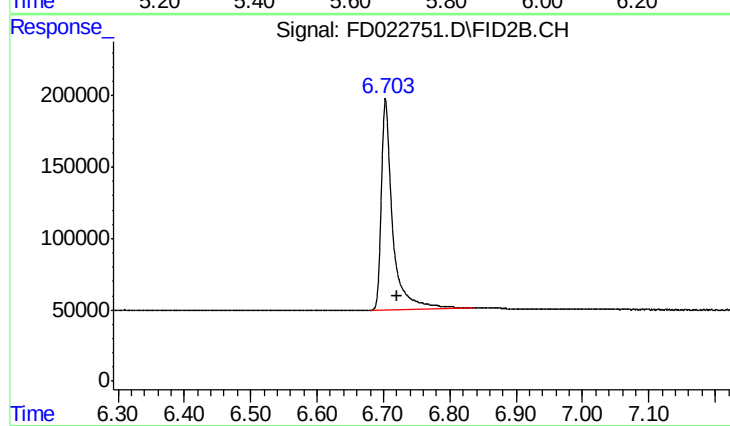
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.124 min  
Delta R.T.: -0.010 min  
Response: 1693915  
Conc: 17.39 ug/ml



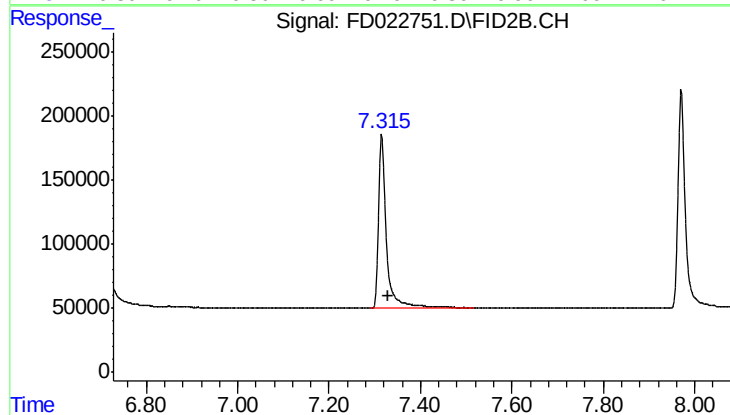
#2 Naphthalene (C11.7)

R.T.: 5.655 min  
Delta R.T.: -0.016 min  
Response: 1551147  
Conc: 16.70 ug/ml



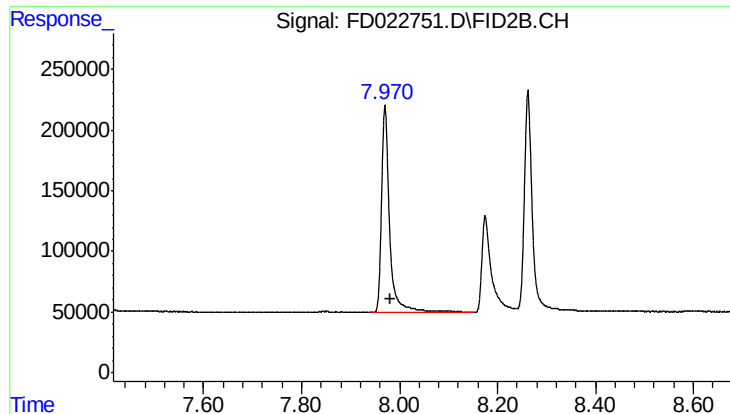
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.703 min  
Delta R.T.: -0.017 min  
Response: 1747521  
Conc: 19.01 ug/ml



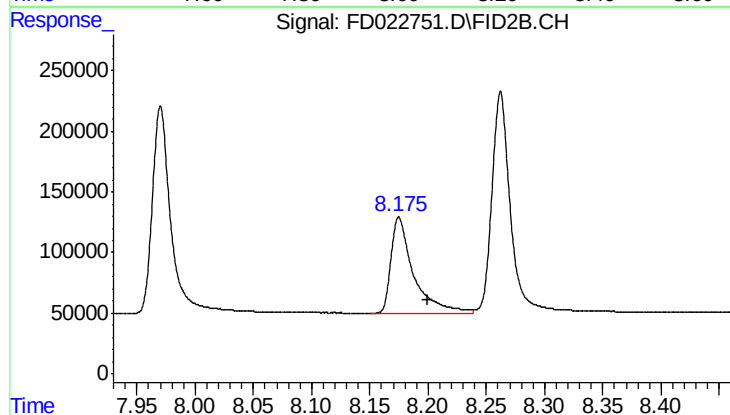
#4 2-Bromonaphthalene (SURR)

R.T.: 7.315 min  
Delta R.T.: -0.014 min  
Response: 1636768  
Conc: 18.92 ug/ml



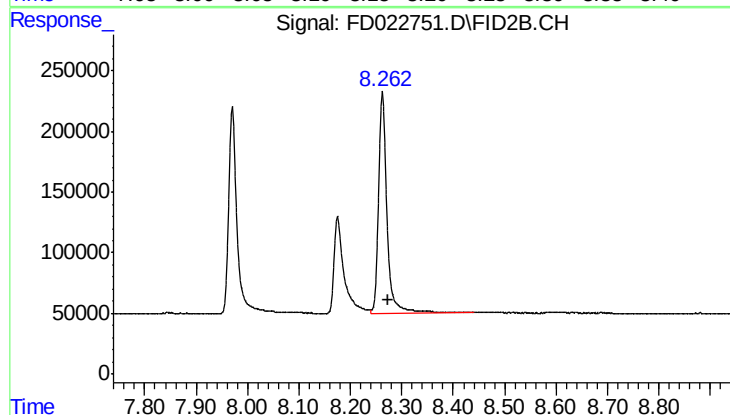
#5 Acenaphthylene (C15.06)

R.T.: 7.970 min  
Delta R.T.: -0.012 min  
Response: 1923059  
Conc: 19.07 ug/ml



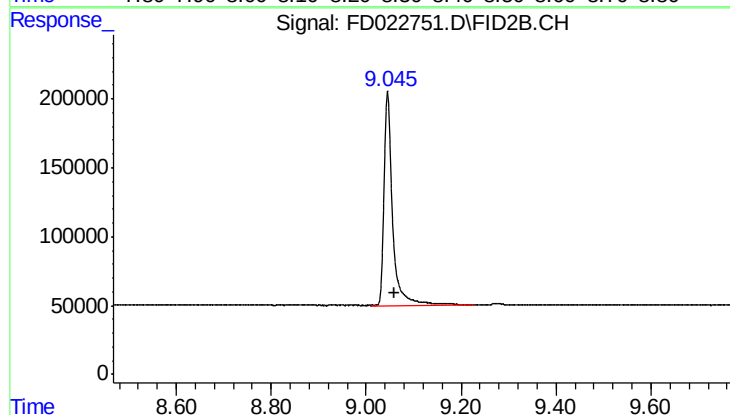
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.175 min  
Delta R.T.: -0.024 min  
Response: 1057297  
Conc: 20.02 ug/ml



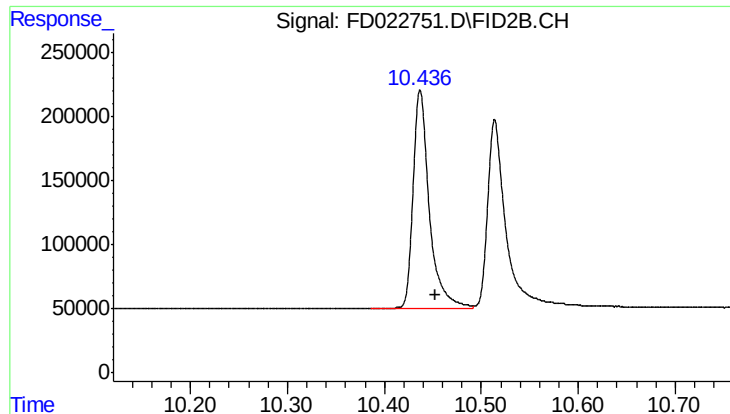
#7 Acenaphthene (C15.5)

R.T.: 8.262 min  
Delta R.T.: -0.010 min  
Response: 2060227  
Conc: 18.75 ug/ml



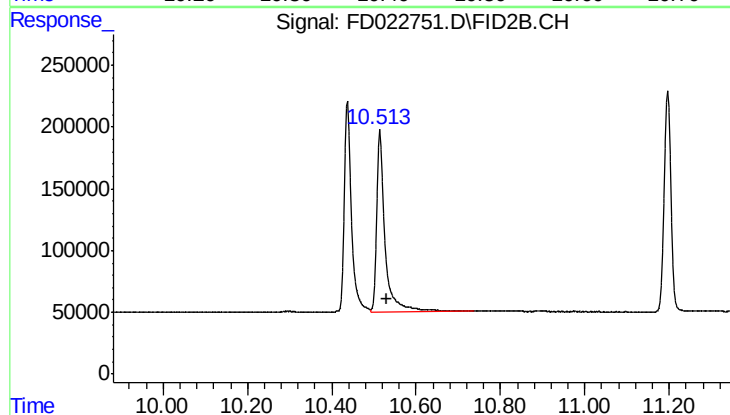
#8 Fluorene (C16.55)

R.T.: 9.045 min  
Delta R.T.: -0.014 min  
Response: 1947927  
Conc: 19.34 ug/ml



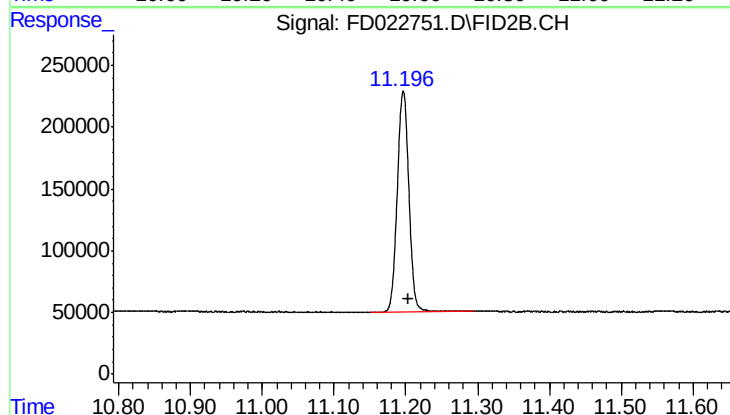
#9 Phenanthrene (C19.36)

R.T.: 10.437 min  
Delta R.T.: -0.015 min  
Response: 1991493  
Conc: 18.92 ug/ml



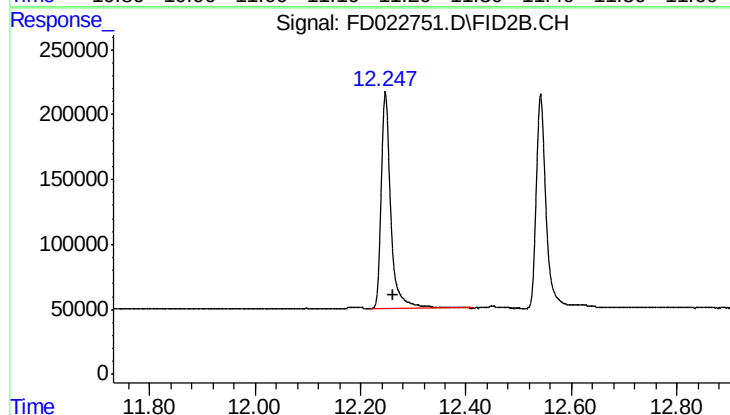
#10 Anthracene (C19.43)

R.T.: 10.514 min  
Delta R.T.: -0.018 min  
Response: 2007794  
Conc: 18.71 ug/ml



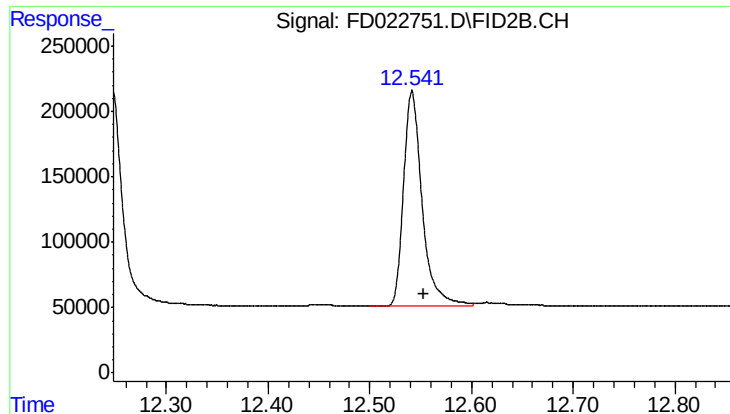
#11 ortho-Terphenyl (SURR)

R.T.: 11.197 min  
Delta R.T.: -0.007 min  
Response: 2003068  
Conc: 18.84 ug/ml



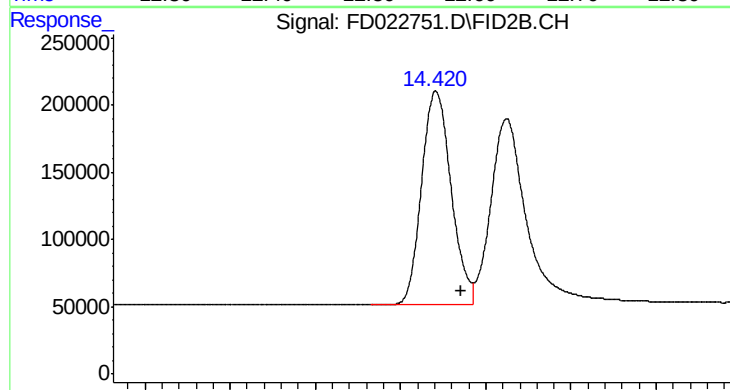
#12 Fluoranthene (C21.85)

R.T.: 12.247 min  
Delta R.T.: -0.014 min  
Response: 2100670  
Conc: 18.53 ug/ml



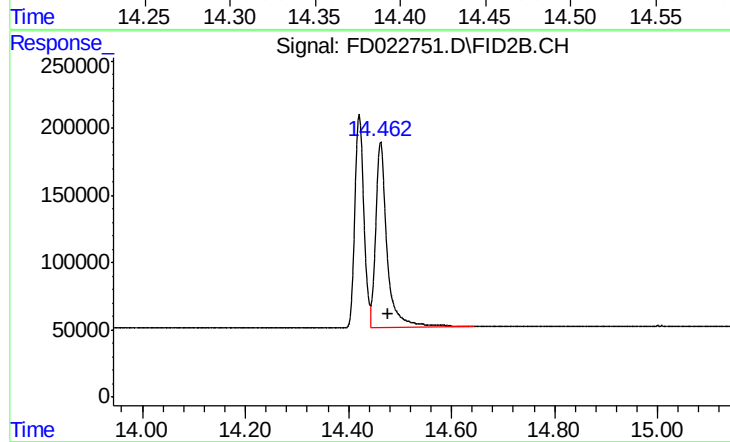
#13 Pyrene (C20.8)

R.T.: 12.541 min  
Delta R.T.: -0.012 min  
Response: 2095128  
Conc: 18.67 ug/ml



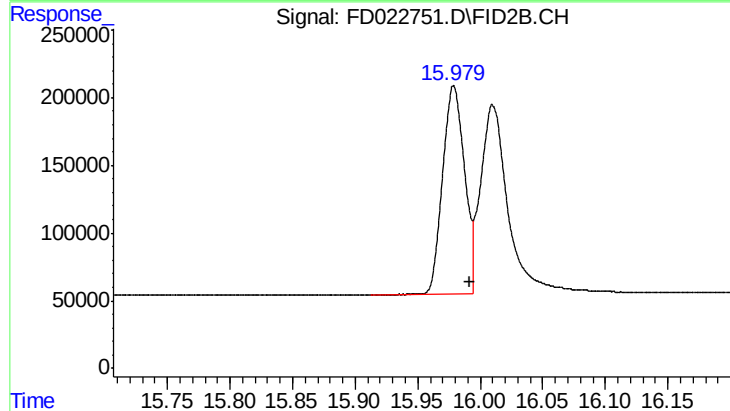
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min  
Delta R.T.: -0.014 min  
Response: 1908676  
Conc: 18.48 ug/ml



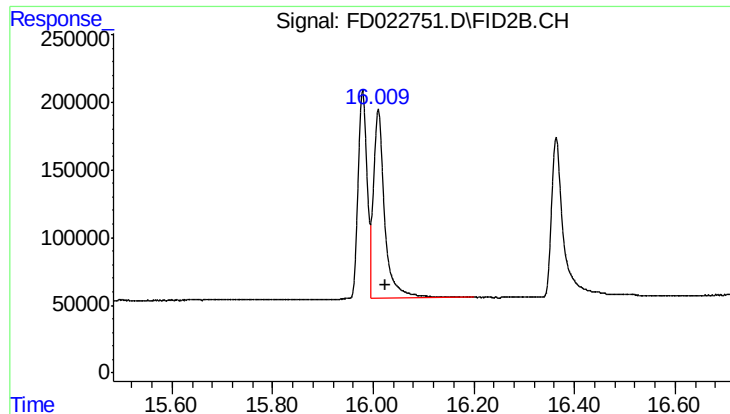
#15 Chrysene (C27.41)

R.T.: 14.462 min  
Delta R.T.: -0.015 min  
Response: 2091755  
Conc: 18.02 ug/ml



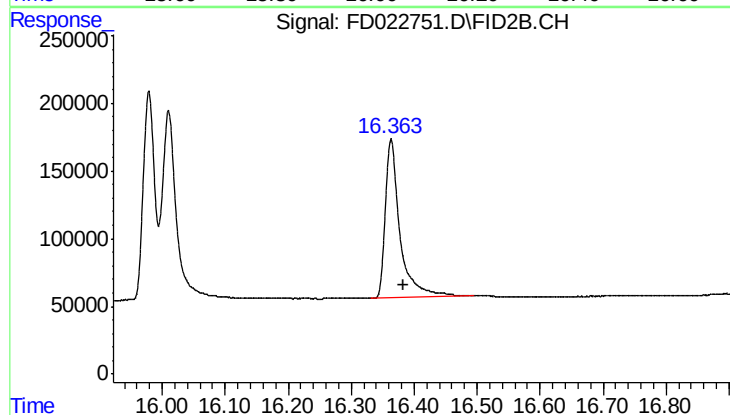
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.979 min  
Delta R.T.: -0.013 min  
Response: 1880245  
Conc: 18.10 ug/ml



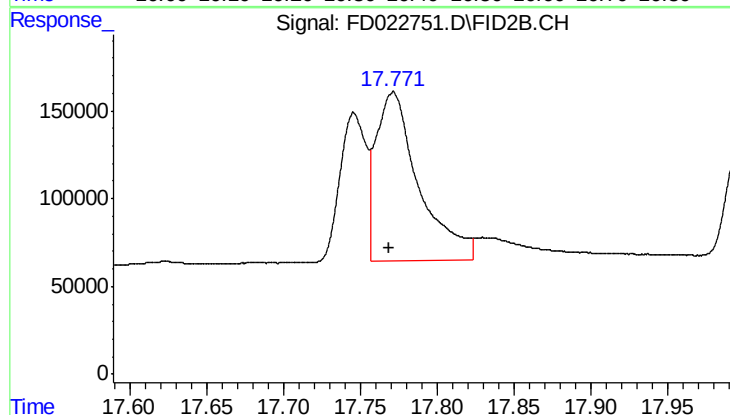
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.010 min  
Delta R.T.: -0.013 min  
Response: 2213668  
Conc: 18.26 ug/ml



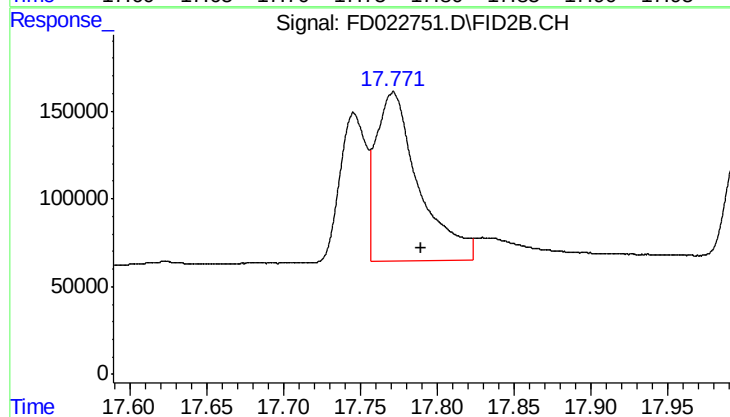
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min  
Delta R.T.: -0.019 min  
Response: 1899553  
Conc: 17.84 ug/ml



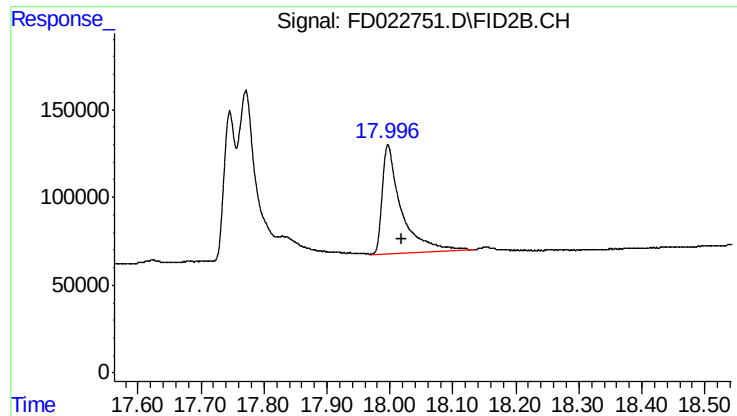
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min  
Delta R.T.: 0.002 min  
Response: 1865596  
Conc: 27.86 ug/ml



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

R.T.: 17.771 min  
Delta R.T.: -0.018 min  
Response: 1865596  
Conc: 15.35 ug/ml



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

R.T.: 17.997 min  
Delta R.T.: -0.022 min  
Response: 1284142  
Conc: 15.57 ug/ml