

Data Path : P:\HPCHEM1\FID D\Data\FD020118AR\  
 Data File : FD019321.D  
 Signal(s) : FID2B.CH  
 Acq On : 01 Feb 2018 16:57  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 02 07:39:16 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 011818.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 19 04:27:29 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...      | 7.361  | 1720947    | 21.269 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.54%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.220  | 1160587    | 21.218 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.44%       |
| 11) S ortho-Terphenyl (SURR)       | 11.246 | 2094516    | 21.171 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.34%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.167  | 1815262    | 20.505 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.700  | 1867283    | 20.907 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.749  | 1915716    | 20.867 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.017  | 2025891    | 21.365 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.310  | 2115038    | 21.681 ug/ml |
| 8) T Fluorene (C16.55)             | 9.092  | 2045786    | 21.528 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.484 | 2169263    | 21.820 ug/ml |
| 10) T Anthracene (C19.43)          | 10.560 | 2158645    | 22.198 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.293 | 2297490    | 21.672 ug/ml |
| 13) T Pyrene (C20.8)               | 12.586 | 2249369    | 21.235 ug/ml |
| 14) T Benzo[alanthracene (C...     | 14.464 | 2177721    | 20.808 ug/ml |
| 15) T Chrysene (C27.41)            | 14.505 | 2336165    | 21.616 ug/ml |
| 16) T benzo[blfluoranthene ...     | 16.050 | 2435966    | 22.641 ug/ml |
| 17) T Bnezo[klfluoranthene ...     | 16.050 | 2435966    | 21.506 ug/ml |
| 18) T Benzo[alpyrene (C31.34)      | 16.401 | 2190190    | 20.093 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.808 | 2199877    | 22.237 ug/ml |
| 20) T Dibenz[fa,h]anthracene...    | 17.808 | 2199877    | 19.194 ug/ml |
| 21) T Benzo[fa,h,ilpervlene ...    | 18.028 | 1466343    | 14.051 ug/ml |
| -----                              |        |            |              |

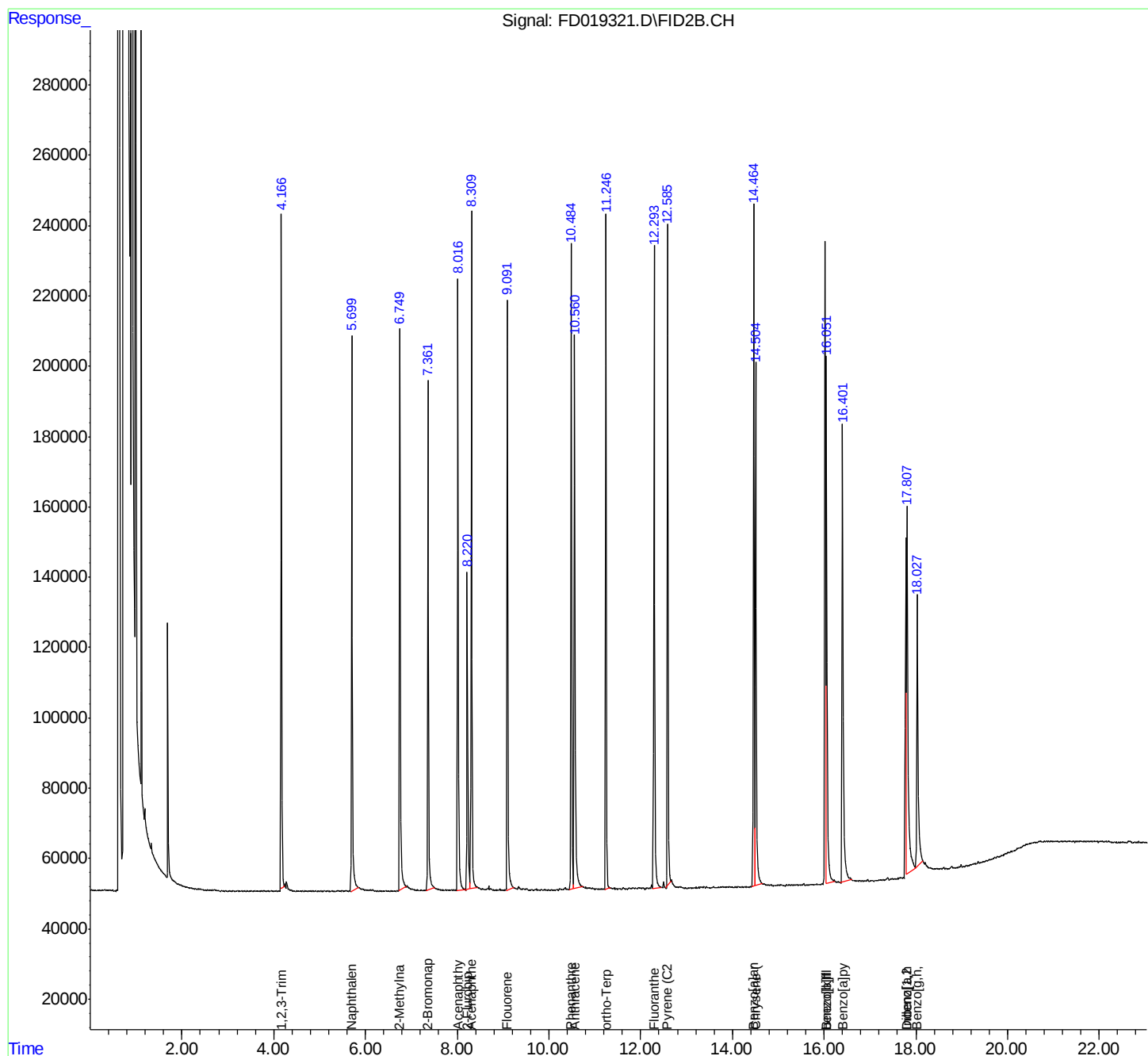
(f)=RT Delta > 1/2 Window

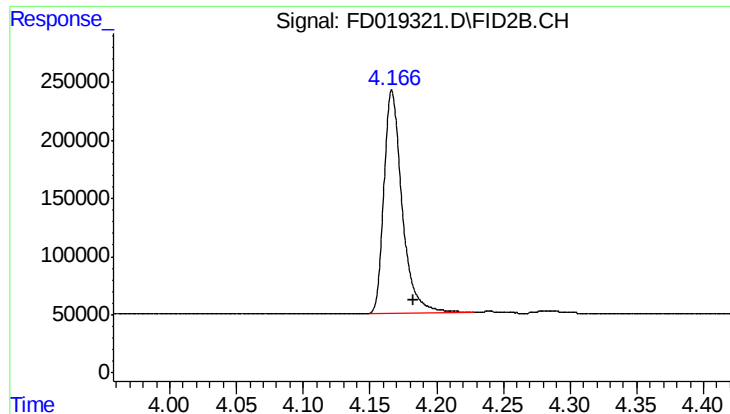
(m)=manual int.

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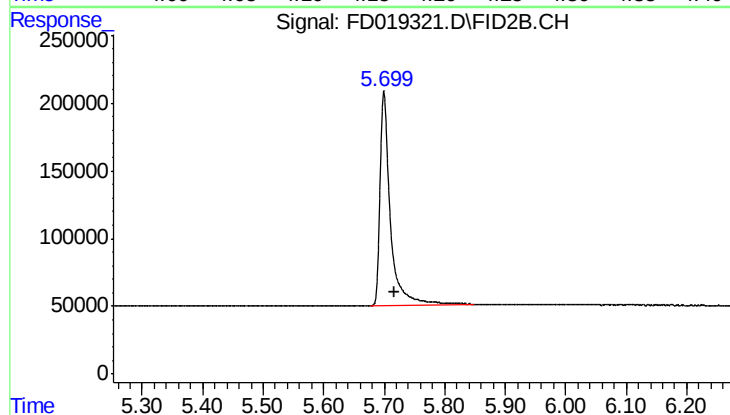
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





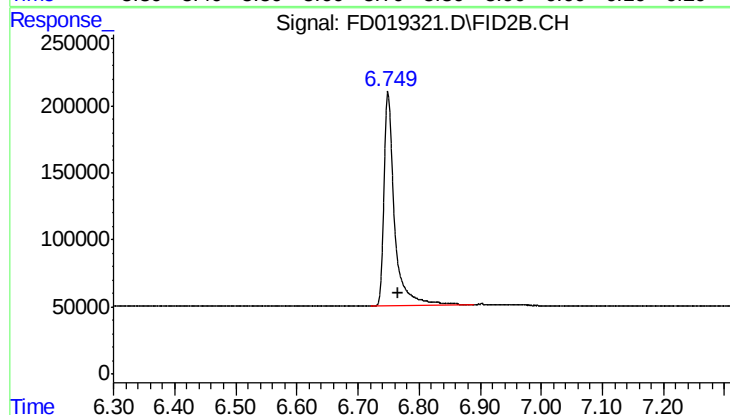
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.167 min  
Delta R.T.: -0.016 min  
Response: 1815262  
Conc: 20.51 ug/ml



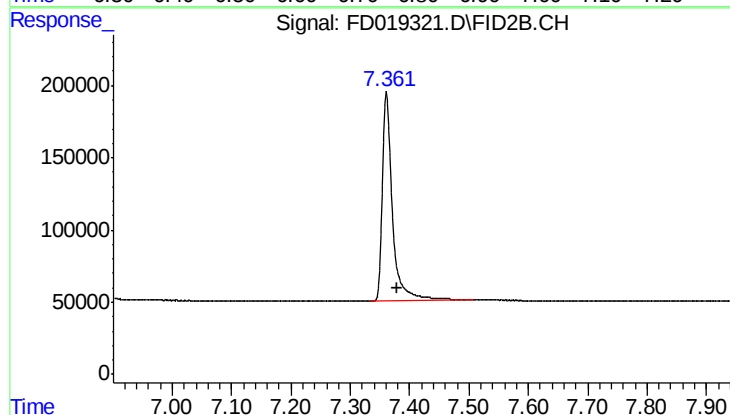
#2 Naphthalene (C11.7)

R.T.: 5.700 min  
Delta R.T.: -0.018 min  
Response: 1867283  
Conc: 20.91 ug/ml



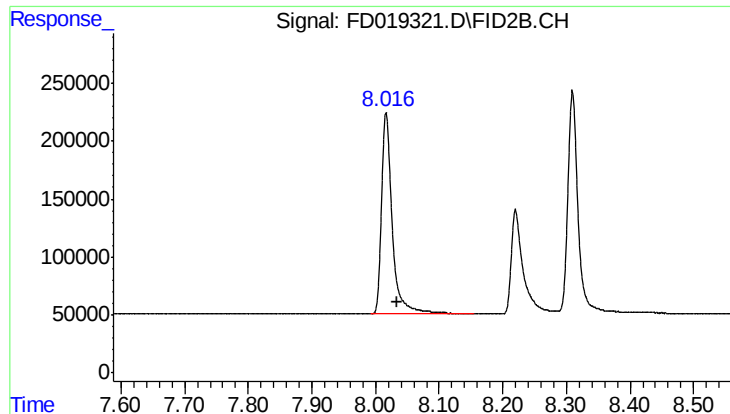
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min  
Delta R.T.: -0.017 min  
Response: 1915716  
Conc: 20.87 ug/ml



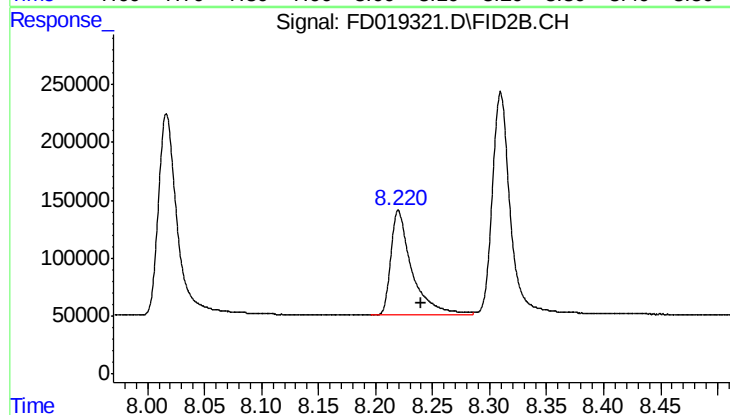
#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min  
Delta R.T.: -0.017 min  
Response: 1720947  
Conc: 21.27 ug/ml



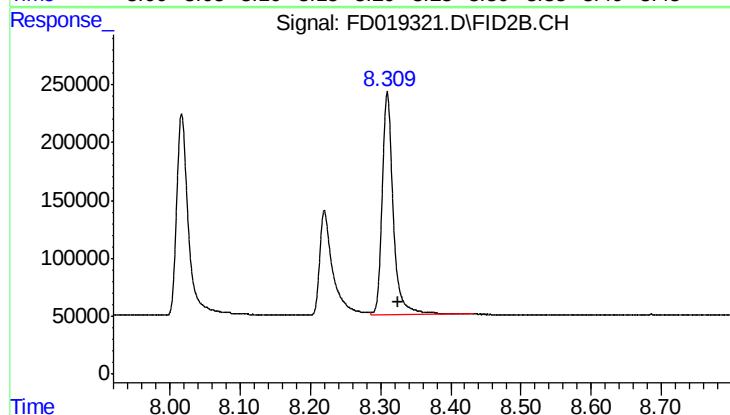
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min  
Delta R.T.: -0.017 min  
Response: 2025891  
Conc: 21.37 ug/ml



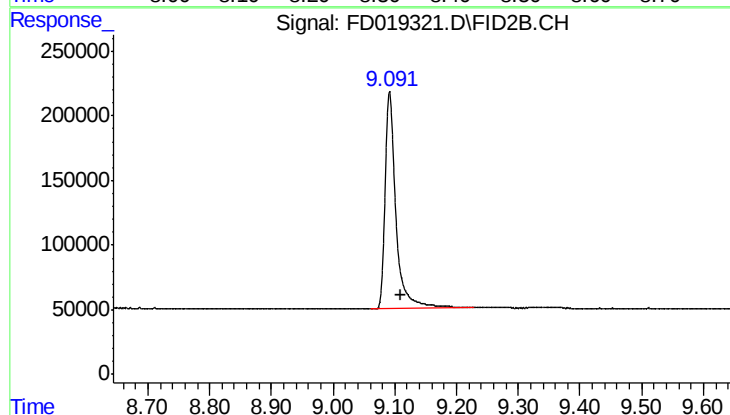
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.220 min  
Delta R.T.: -0.020 min  
Response: 1160587  
Conc: 21.22 ug/ml



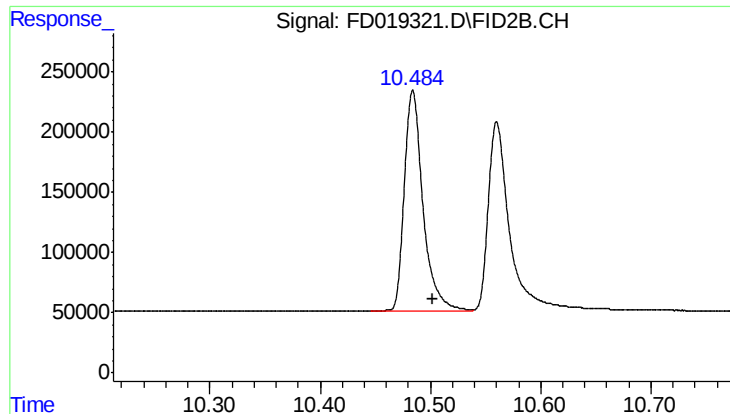
#7 Acenaphthene (C15.5)

R.T.: 8.310 min  
Delta R.T.: -0.016 min  
Response: 2115038  
Conc: 21.68 ug/ml



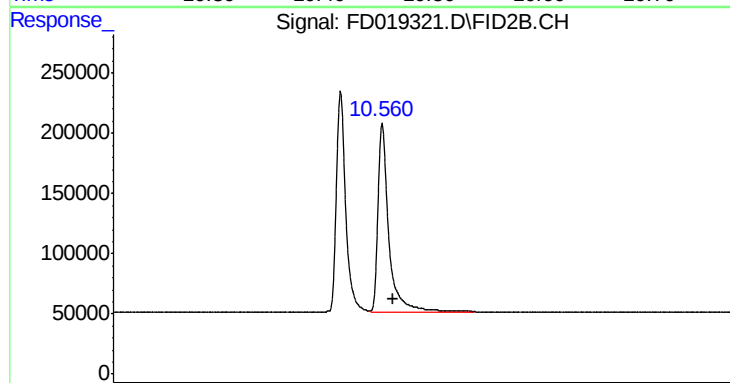
#8 Fluorene (C16.55)

R.T.: 9.092 min  
Delta R.T.: -0.018 min  
Response: 2045786  
Conc: 21.53 ug/ml



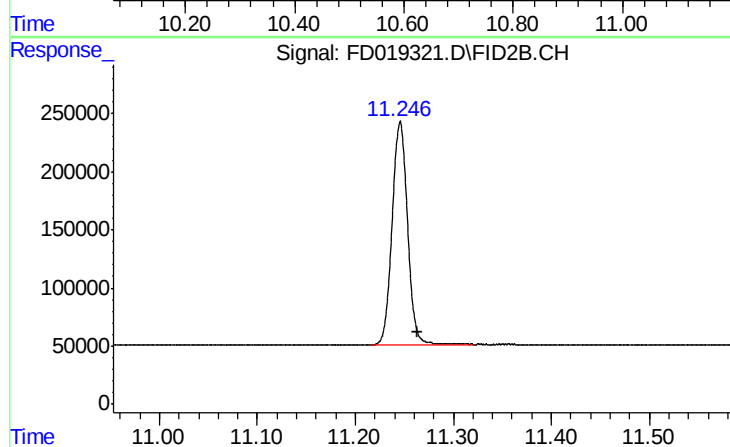
#9 Phenanthrene (C19.36)

R.T.: 10.484 min  
Delta R.T.: -0.019 min  
Response: 2169263  
Conc: 21.82 ug/ml



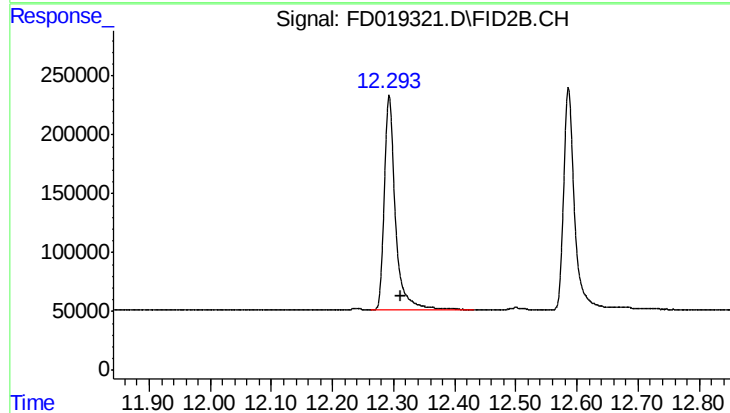
#10 Anthracene (C19.43)

R.T.: 10.560 min  
Delta R.T.: -0.020 min  
Response: 2158645  
Conc: 22.20 ug/ml



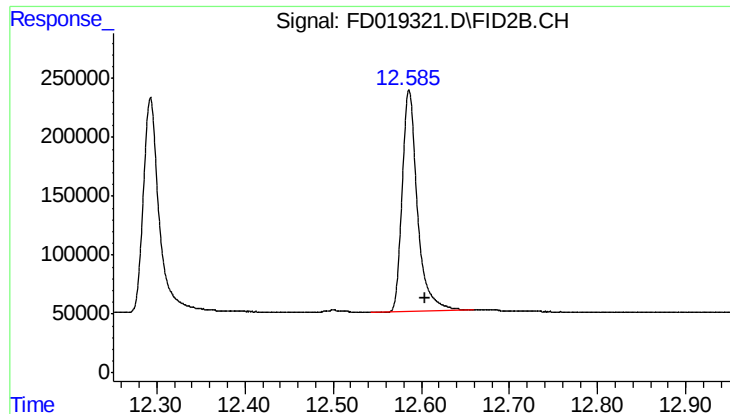
#11 ortho-Terphenyl (SURR)

R.T.: 11.246 min  
Delta R.T.: -0.017 min  
Response: 2094516  
Conc: 21.17 ug/ml



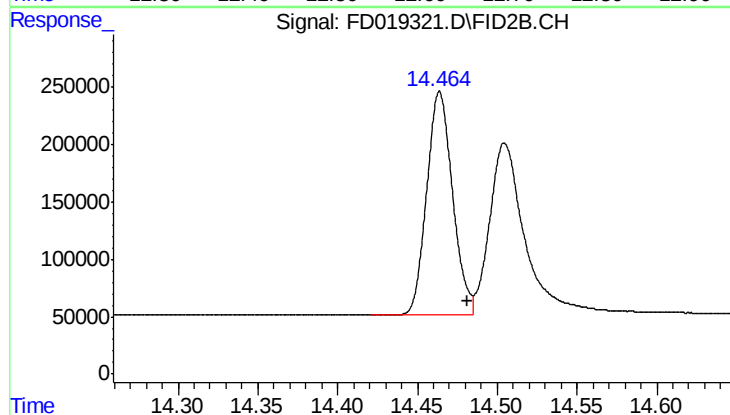
#12 Fluoranthene (C21.85)

R.T.: 12.293 min  
Delta R.T.: -0.020 min  
Response: 2297490  
Conc: 21.67 ug/ml



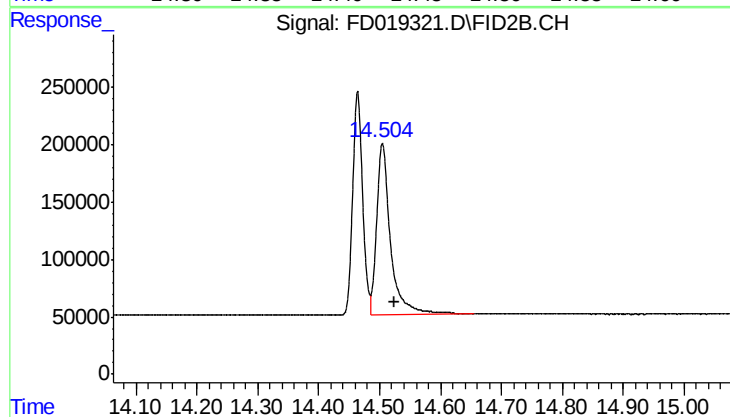
#13 Pyrene (C20.8)

R.T.: 12.586 min  
Delta R.T.: -0.018 min  
Response: 2249369  
Conc: 21.24 ug/ml



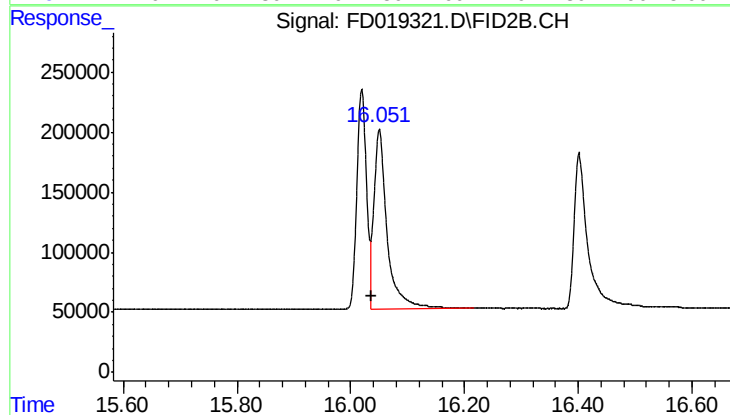
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min  
Delta R.T.: -0.017 min  
Response: 2177721  
Conc: 20.81 ug/ml



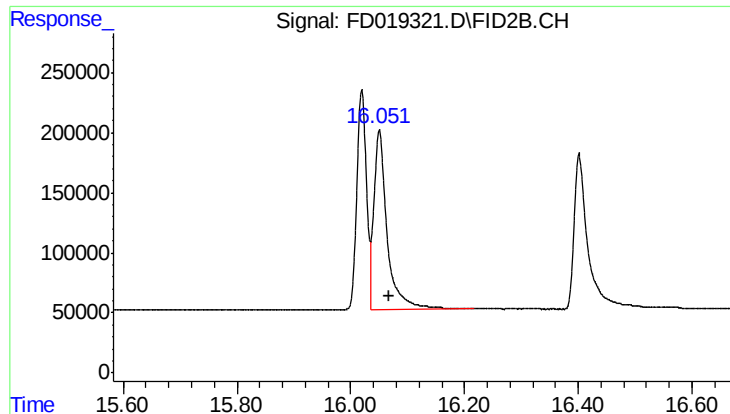
#15 Chrysene (C27.41)

R.T.: 14.505 min  
Delta R.T.: -0.019 min  
Response: 2336165  
Conc: 21.62 ug/ml



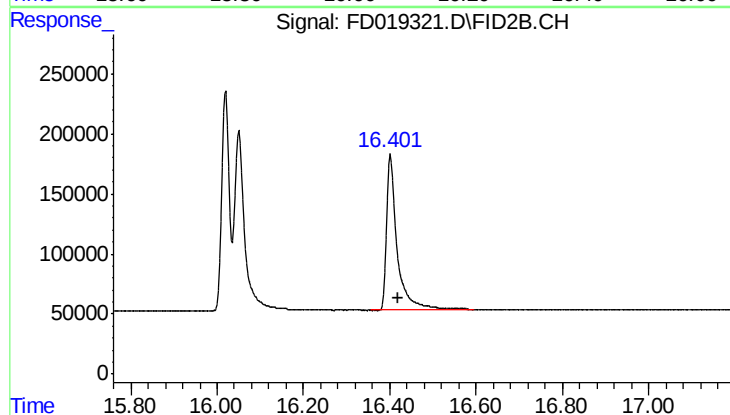
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.050 min  
Delta R.T.: 0.014 min  
Response: 2435966  
Conc: 22.64 ug/ml



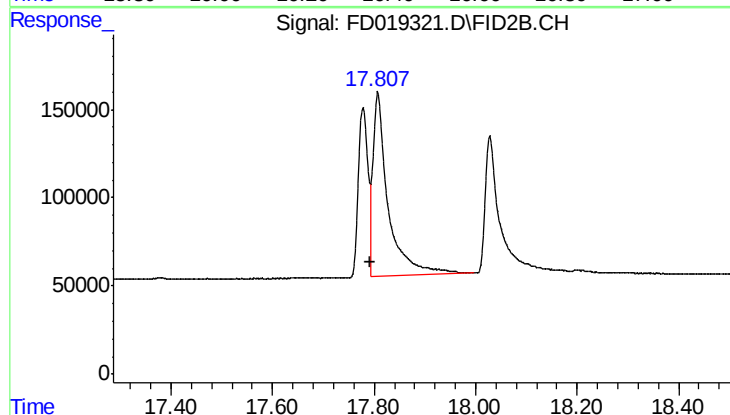
#17 Benzo[k]fluoranthene (C30.14)

R.T.: 16.050 min  
Delta R.T.: -0.017 min  
Response: 2435966  
Conc: 21.51 ug/ml



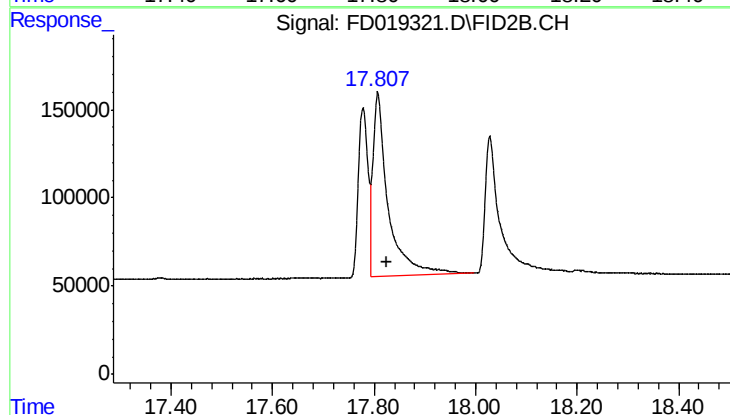
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.401 min  
Delta R.T.: -0.020 min  
Response: 2190190  
Conc: 20.09 ug/ml



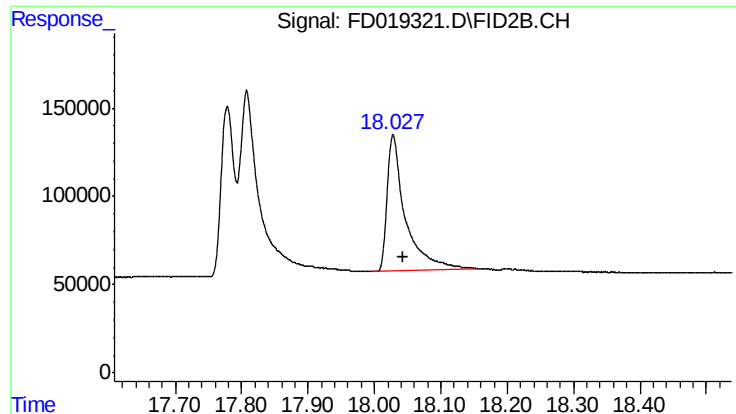
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min  
Delta R.T.: 0.014 min  
Response: 2199877  
Conc: 22.24 ug/ml



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

R.T.: 17.808 min  
Delta R.T.: -0.018 min  
Response: 2199877  
Conc: 19.19 ug/ml



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

R.T.: 18.028 min  
Delta R.T.: -0.016 min  
Response: 1466343  
Conc: 14.05 ug/ml