

Data Path : P:\HPCHEM1\FID D\Data\FD030218AR\  
 Data File : FD020246.D  
 Signal(s) : FID2B.CH  
 Acq On : 02 Mar 2018 18:51  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Mar 03 03:25:45 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 022018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 21 04:46:02 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...           | 7.341  | 1852651    | 22.114 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 44.23%        |
| 6) S 2-Fluorobiphenyl (SURR)            | 8.200  | 1176569    | 23.272 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131      |        | Recovery = | 46.54%        |
| 11) S ortho-Terphenyl (SURR)            | 11.226 | 2109522    | 22.229 ug/ml  |
| Spiked Amount 50.000                    |        | Recovery = | 44.46%        |
| Target Compounds                        |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...           | 4.148  | 2012349    | 22.788 ug/ml  |
| 2) T Naphthalene (C11.7)                | 5.679  | 2026520    | 22.655 ug/ml  |
| 3) T 2-Methylnaphthalene (...)          | 6.729  | 2025696    | 22.304 ug/ml  |
| 5) T Acenaphthylene (C15.06)            | 7.997  | 2082807    | 21.748 ug/ml  |
| 7) T Acenaphthene (C15.5)               | 8.290  | 2198831    | 21.465 ug/ml  |
| 8) T Fluorene (C16.55)                  | 9.071  | 2076085    | 22.141 ug/ml  |
| 9) T Phenanthrene (C19.36)              | 10.465 | 2119555    | 22.749 ug/ml  |
| 10) T Anthracene (C19.43)               | 10.541 | 2138559    | 22.552 ug/ml  |
| 12) T Fluoranthene (C21.85)             | 12.275 | 2289895    | 22.829 ug/ml  |
| 13) T Pyrene (C20.8)                    | 12.569 | 2296247    | 22.602 ug/ml  |
| 14) T Benzo[ <i>a</i> ]anthracene (C... | 14.447 | 2217263    | 22.993 ug/ml  |
| 15) T Chrysene (C27.41)                 | 14.488 | 2345776    | 21.734 ug/ml  |
| 16) T benzo[ <i>b</i> ]fluoranthene ... | 16.003 | 2262196    | 22.503 ug/ml  |
| 17) T Benzo[ <i>k</i> ]fluoranthene ... | 16.034 | 2412768    | 21.263 ug/ml  |
| 18) T Benzo[ <i>a</i> ]pyrene (C31.34)  | 16.385 | 2267822    | 21.579 ug/ml  |
| 19) T Indeno[1,2,3- <i>cd</i> ]pyren... | 17.762 | 2080695    | 21.839 ug/mlm |
| 20) T Dibenz[ <i>a,h</i> ]anthracene... | 17.792 | 2603365    | 22.909 ug/ml  |
| 21) T Benzo[ <i>a,h,i</i> ]pervlene ... | 18.013 | 2196331    | 21.146 ug/ml  |
| -----                                   |        |            |               |

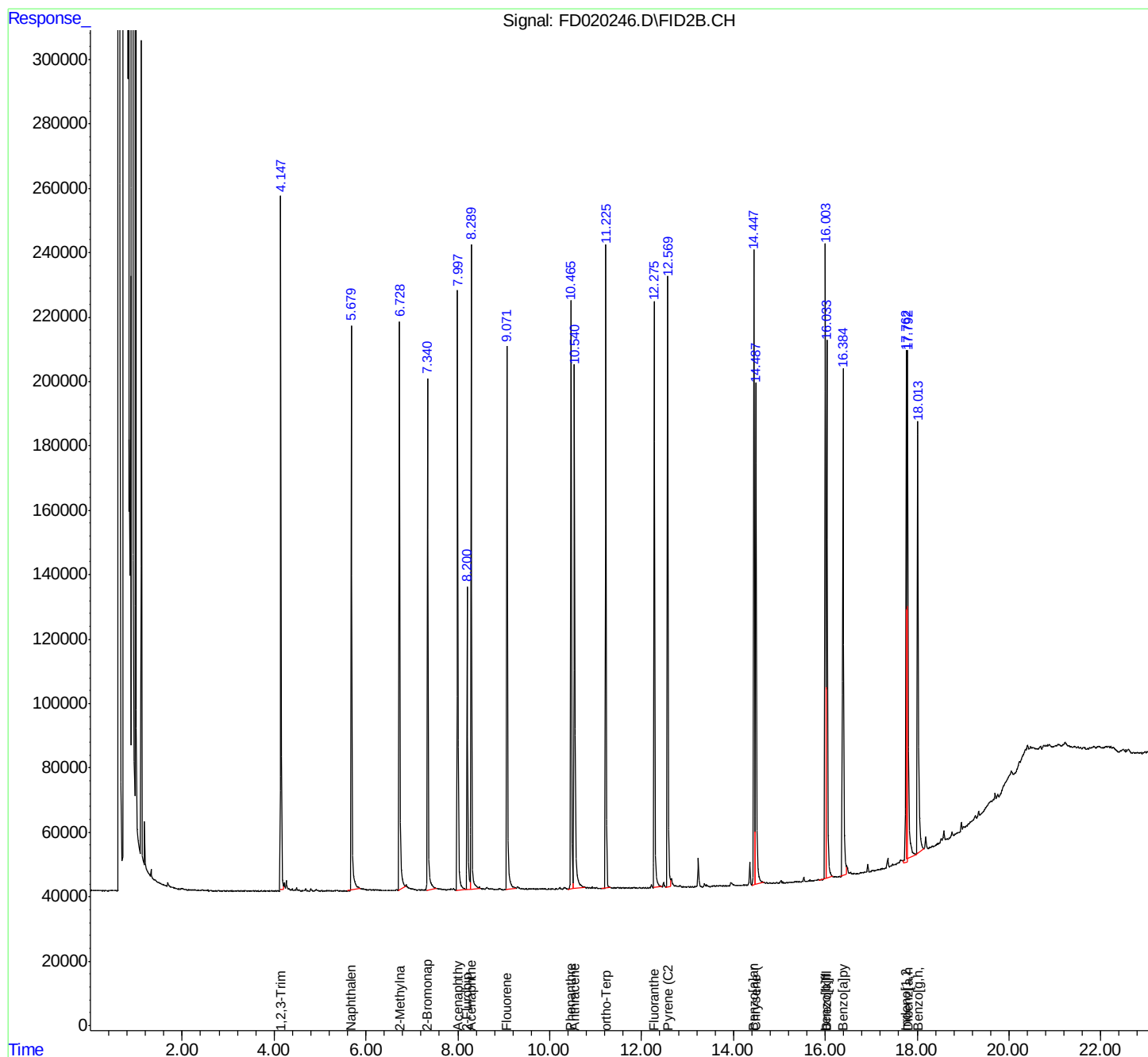
(f)=RT Delta > 1/2 Window

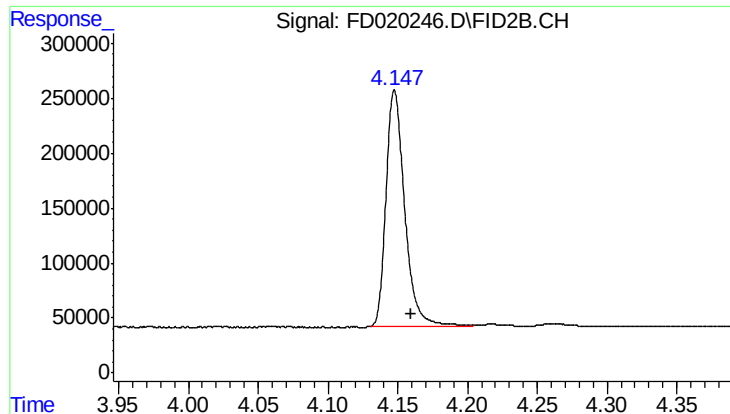
(m)=manual int.

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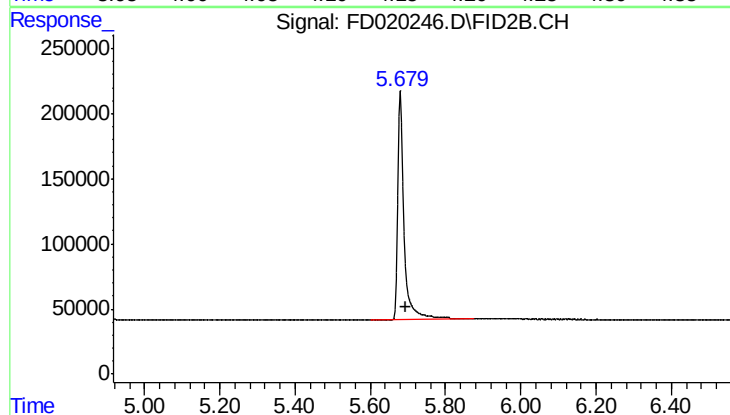
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





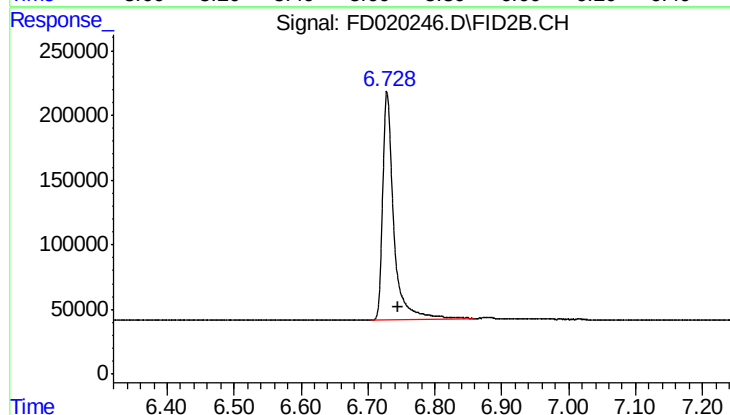
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.148 min  
Delta R.T.: -0.012 min  
Response: 2012349  
Conc: 22.79 ug/ml



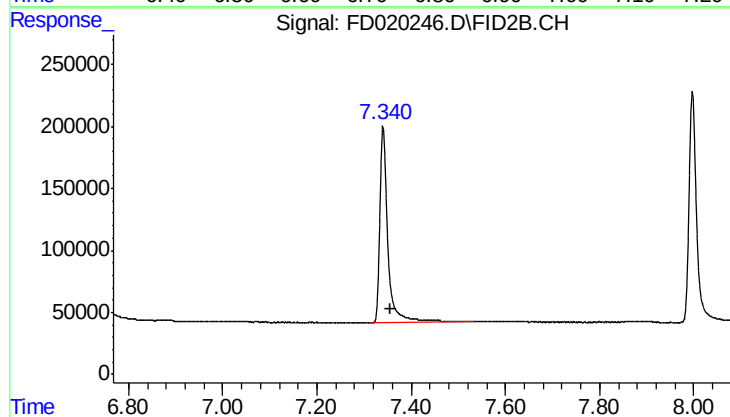
#2 Naphthalene (C11.7)

R.T.: 5.679 min  
Delta R.T.: -0.017 min  
Response: 2026520  
Conc: 22.65 ug/ml



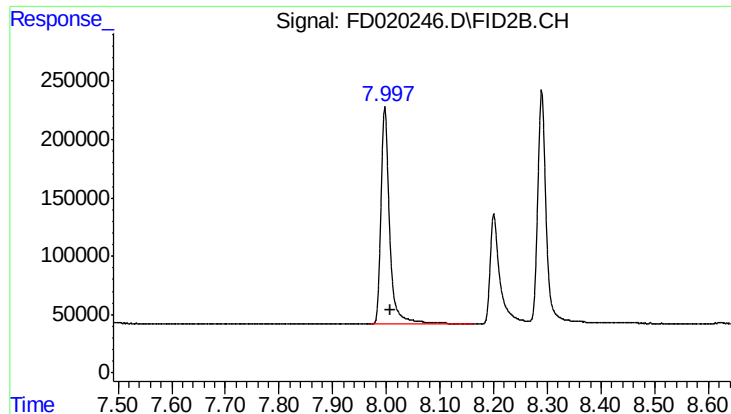
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.729 min  
Delta R.T.: -0.017 min  
Response: 2025696  
Conc: 22.30 ug/ml



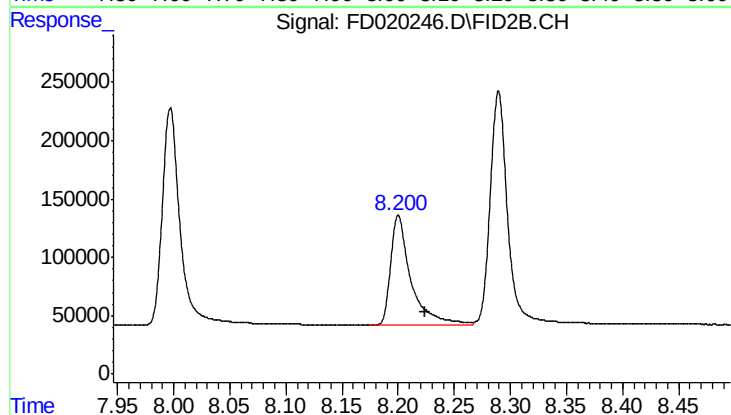
#4 2-Bromonaphthalene (SURR)

R.T.: 7.341 min  
Delta R.T.: -0.015 min  
Response: 1852651  
Conc: 22.11 ug/ml



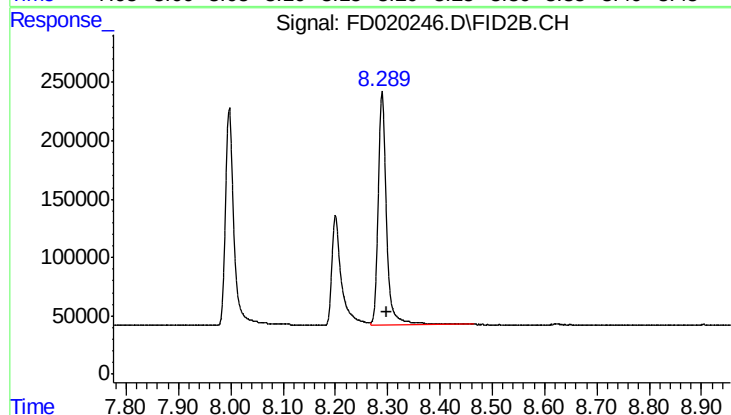
#5 Acenaphthylene (C15.06)

R.T.: 7.997 min  
Delta R.T.: -0.012 min  
Response: 2082807  
Conc: 21.75 ug/ml



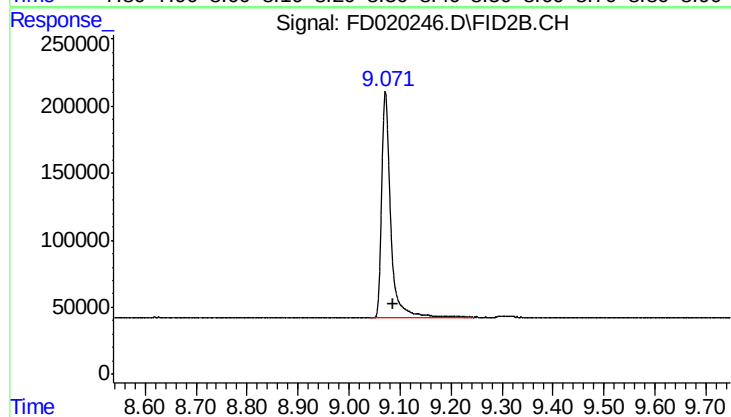
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.200 min  
Delta R.T.: -0.024 min  
Response: 1176569  
Conc: 23.27 ug/ml



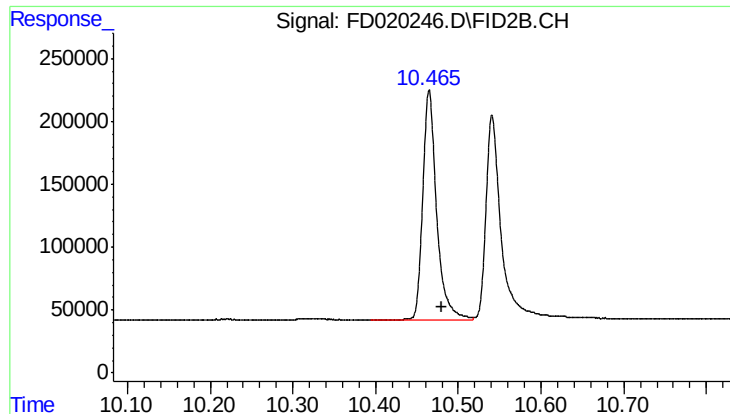
#7 Acenaphthene (C15.5)

R.T.: 8.290 min  
Delta R.T.: -0.009 min  
Response: 2198831  
Conc: 21.46 ug/ml



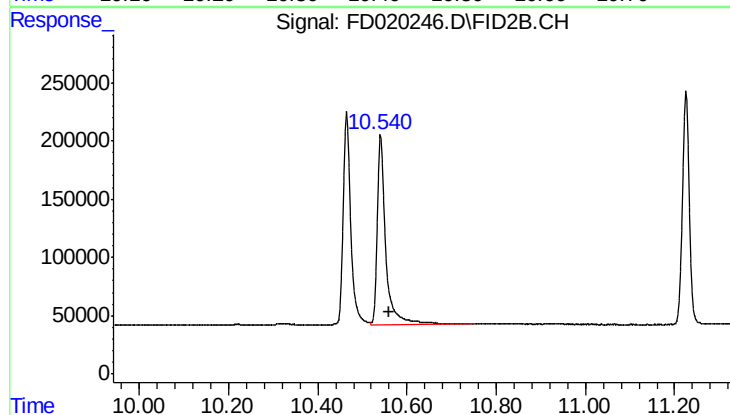
#8 Fluorene (C16.55)

R.T.: 9.071 min  
Delta R.T.: -0.015 min  
Response: 2076085  
Conc: 22.14 ug/ml



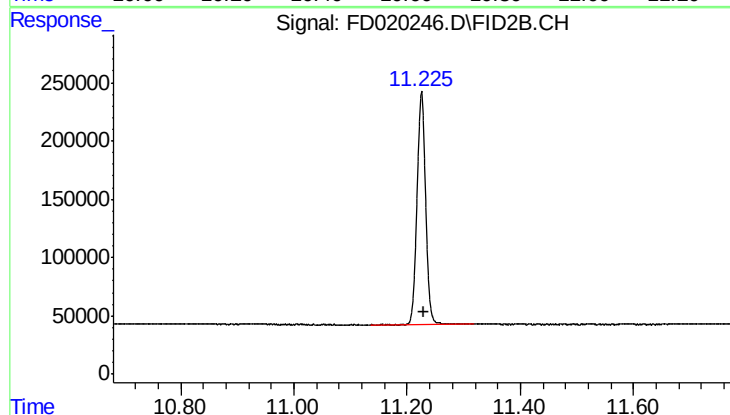
#9 Phenanthrene (C19.36)

R.T.: 10.465 min  
Delta R.T.: -0.015 min  
Response: 2119555  
Conc: 22.75 ug/ml



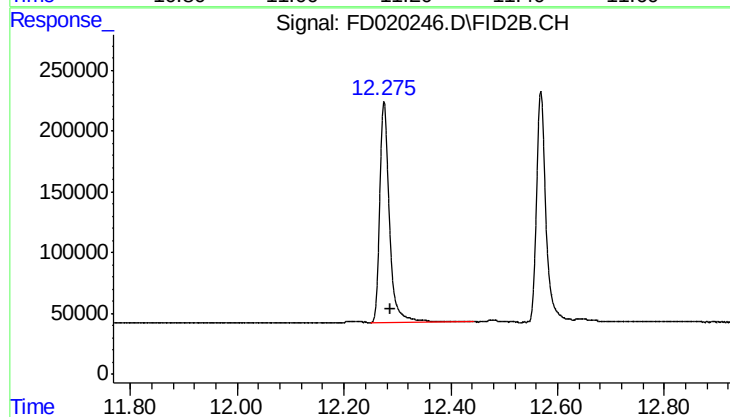
#10 Anthracene (C19.43)

R.T.: 10.541 min  
Delta R.T.: -0.018 min  
Response: 2138559  
Conc: 22.55 ug/ml



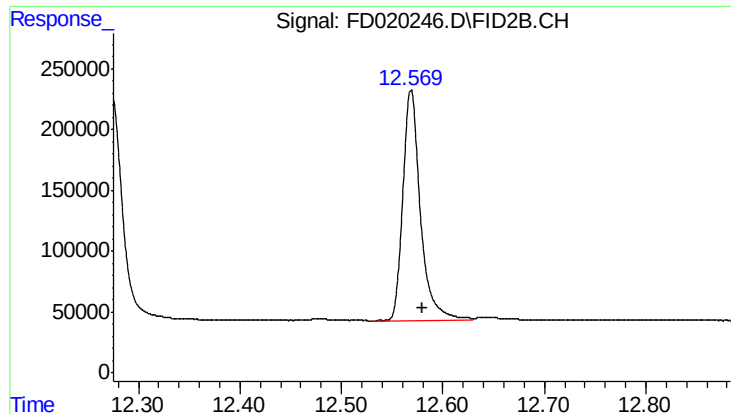
#11 ortho-Terphenyl (SURR)

R.T.: 11.226 min  
Delta R.T.: -0.005 min  
Response: 2109522  
Conc: 22.23 ug/ml



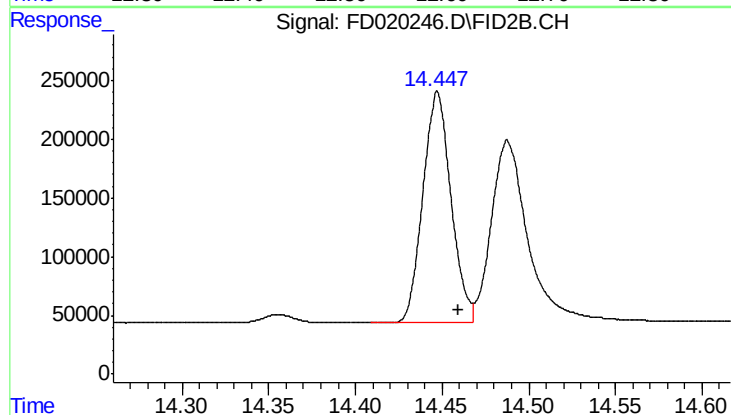
#12 Fluoranthene (C21.85)

R.T.: 12.275 min  
Delta R.T.: -0.013 min  
Response: 2289895  
Conc: 22.83 ug/ml



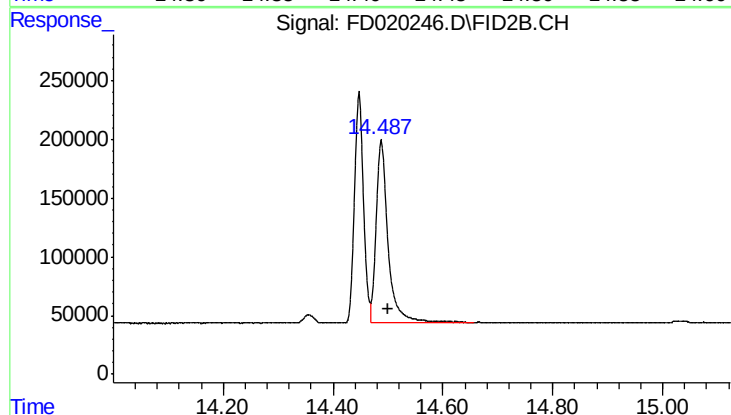
#13 Pyrene (C20.8)

R.T.: 12.569 min  
Delta R.T.: -0.011 min  
Response: 2296247  
Conc: 22.60 ug/ml



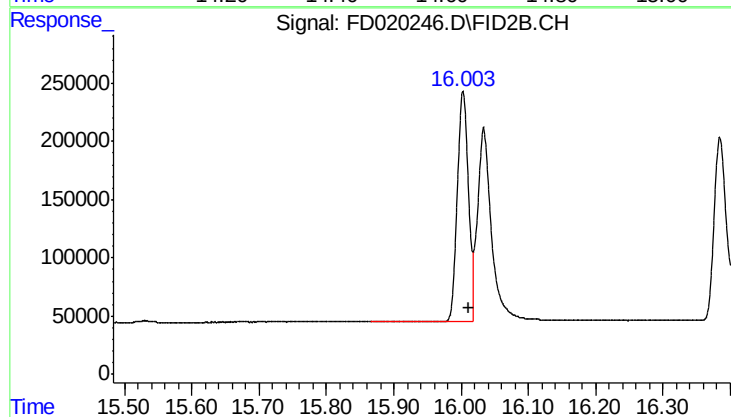
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min  
Delta R.T.: -0.012 min  
Response: 2217263  
Conc: 22.99 ug/ml



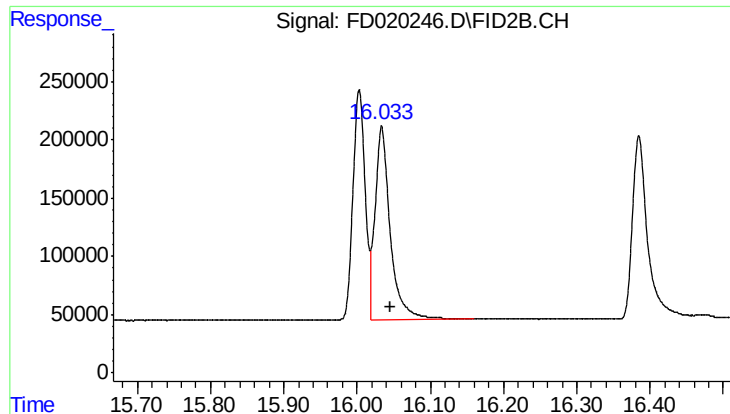
#15 Chrysene (C27.41)

R.T.: 14.488 min  
Delta R.T.: -0.013 min  
Response: 2345776  
Conc: 21.73 ug/ml



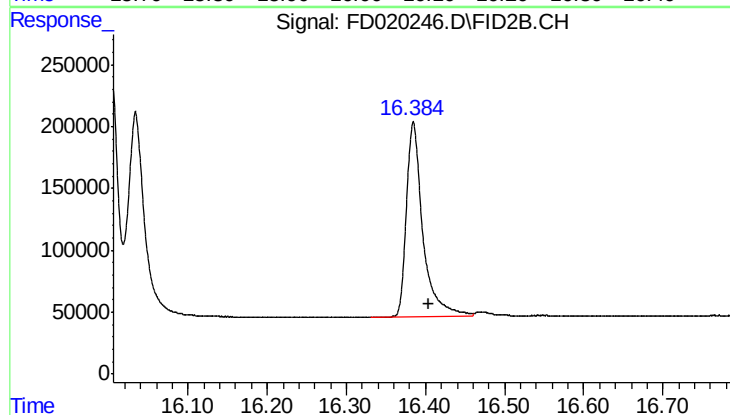
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.003 min  
Delta R.T.: -0.009 min  
Response: 2262196  
Conc: 22.50 ug/ml



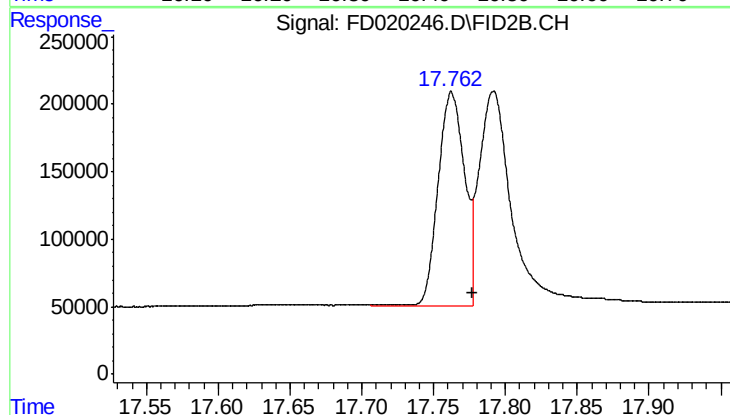
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.034 min  
Delta R.T.: -0.012 min  
Response: 2412768  
Conc: 21.26 ug/ml



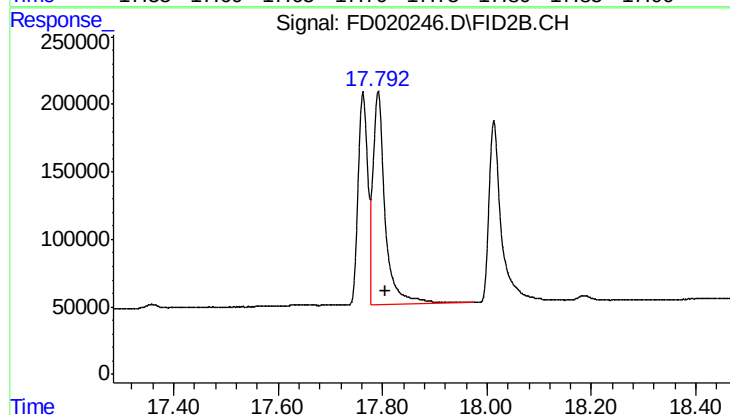
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min  
Delta R.T.: -0.020 min  
Response: 2267822  
Conc: 21.58 ug/ml



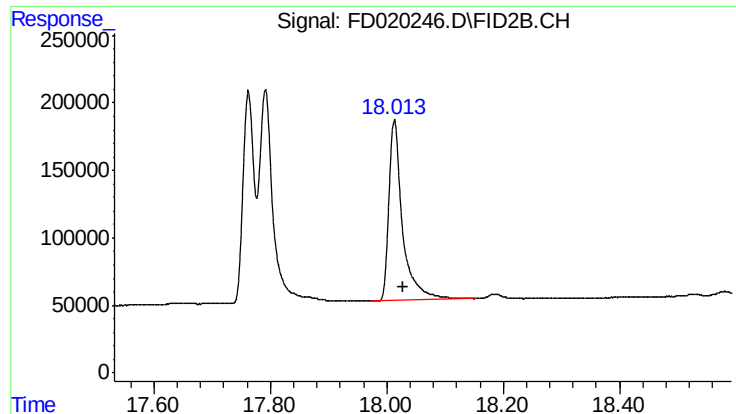
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min  
Delta R.T.: -0.015 min  
Response: 2080695  
Conc: 21.84 ug/ml m



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

R.T.: 17.792 min  
Delta R.T.: -0.013 min  
Response: 2603365  
Conc: 22.91 ug/ml



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

R.T.: 18.013 min  
Delta R.T.: -0.015 min  
Response: 2196331  
Conc: 21.15 ug/ml