

Data Path : P:\HPCHEM1\FID D\Data\FD032918AR\  
 Data File : FD022710.D  
 Signal(s) : FID2B.CH  
 Acq On : 29 Mar 2018 22:42  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 30 01:40:04 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...      | 7.317  | 1756022    | 20.300 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.60%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.179  | 1120357    | 21.209 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.42%        |
| 11) S ortho-Terphenyl (SURR)       | 11.197 | 2176478    | 20.476 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.95%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.126  | 1860678    | 19.104 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.657  | 1869332    | 20.130 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.706  | 1870147    | 20.345 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.971  | 2080066    | 20.626 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.263  | 2258806    | 20.555 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.047  | 2085264    | 20.705 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.439 | 2197524    | 20.881 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.516 | 2216372    | 20.656 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.249 | 2336931    | 20.617 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.542 | 2313644    | 20.617 ug/ml  |
| 14) T Benzo[alanthracene (C...     | 14.420 | 2135575    | 20.679 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.462 | 2355601    | 20.288 ug/ml  |
| 16) T benzo[blfluoranthene ...     | 15.978 | 2090905    | 20.124 ug/ml  |
| 17) T Bnezo[klfluoranthene ...     | 16.009 | 2507570    | 20.688 ug/ml  |
| 18) T Benzo[alpyrene (C31.34)      | 16.362 | 2139134    | 20.088 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.745 | 1100294    | 16.432 ug/mlm |
| 20) T Dibenz[fa,h]anthracene...    | 17.770 | 2494410    | 20.525 ug/ml  |
| 21) T Benzo[fa,h,ilpervlene ...    | 17.996 | 1379437    | 16.728 ug/ml  |
| -----                              |        |            |               |

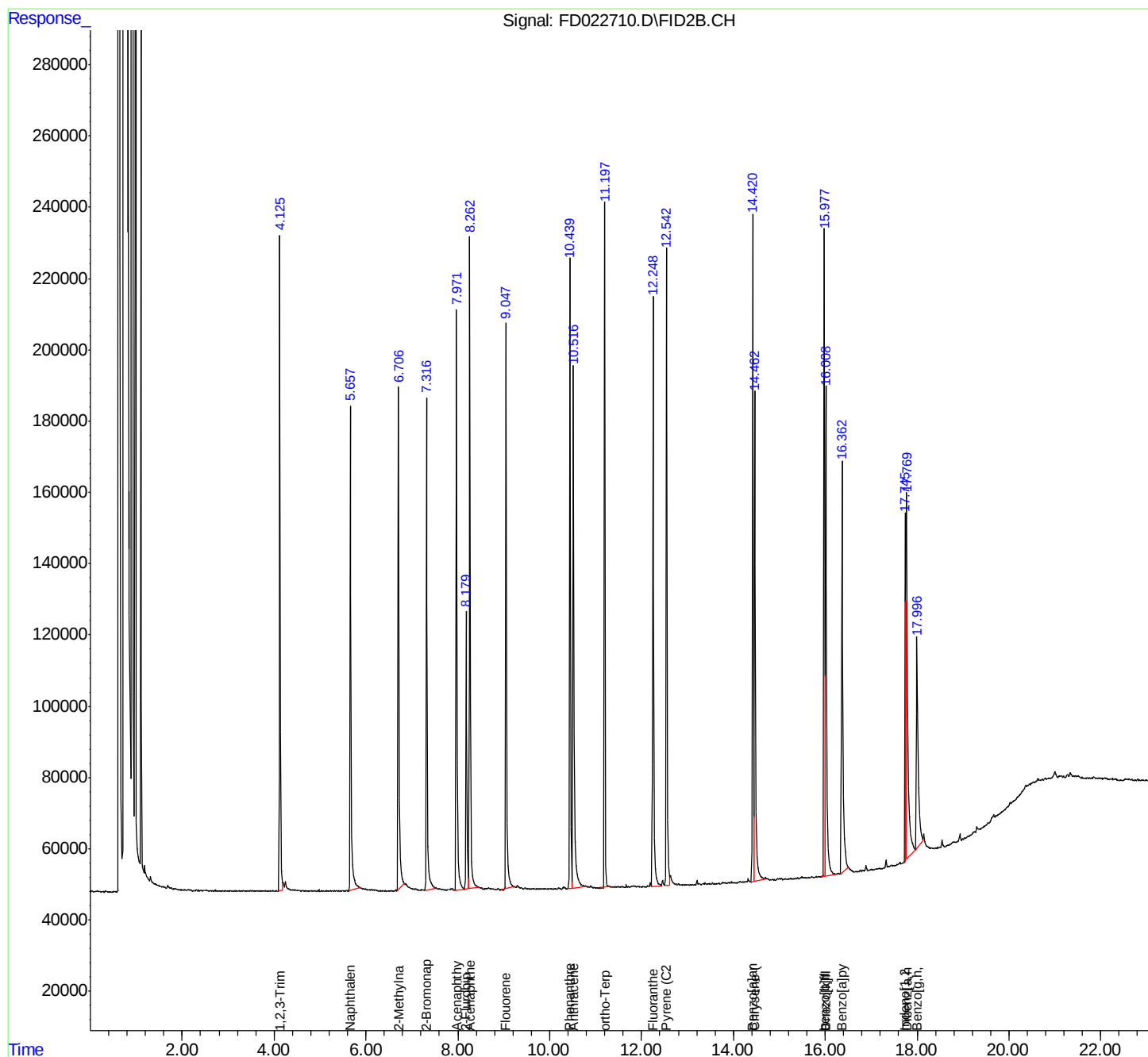
(f)=RT Delta > 1/2 Window

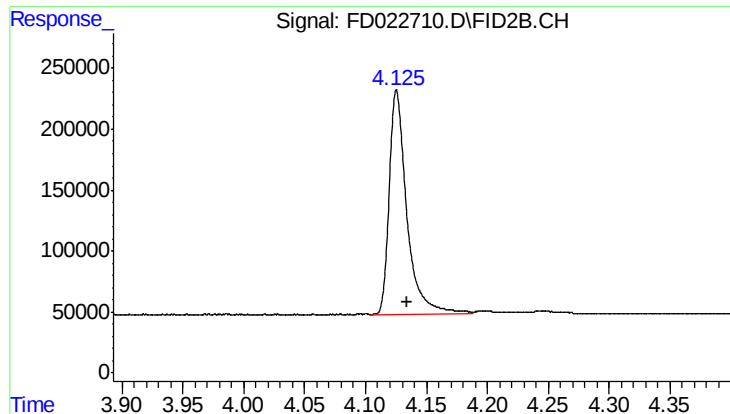
(m)=manual int.

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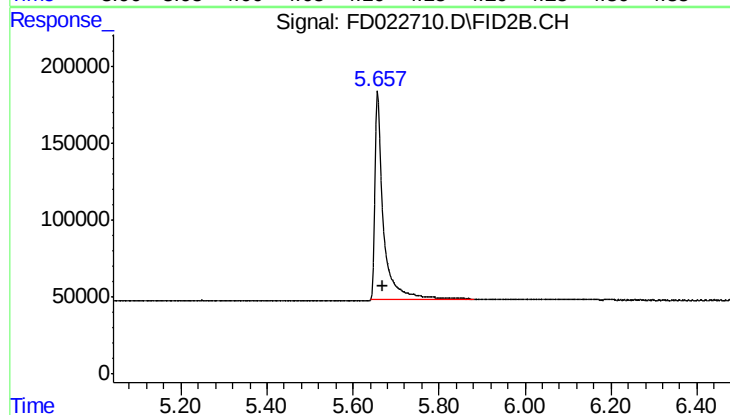
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





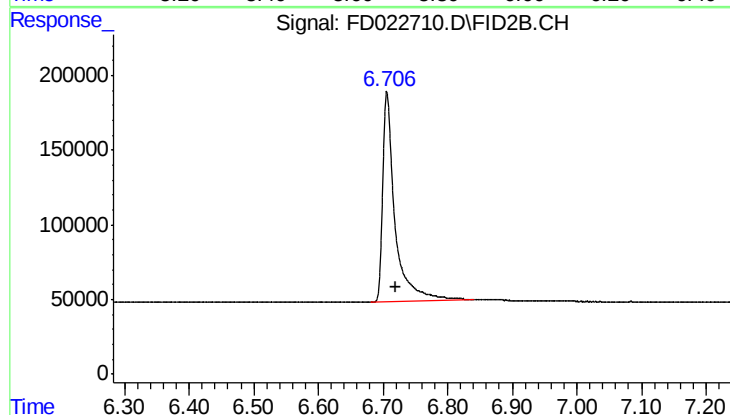
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.126 min  
Delta R.T.: -0.009 min  
Response: 1860678  
Conc: 19.10 ug/ml



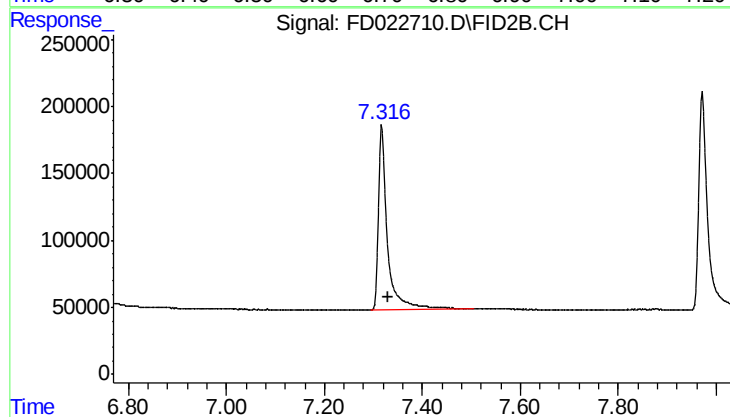
#2 Naphthalene (C11.7)

R.T.: 5.657 min  
Delta R.T.: -0.013 min  
Response: 1869332  
Conc: 20.13 ug/ml



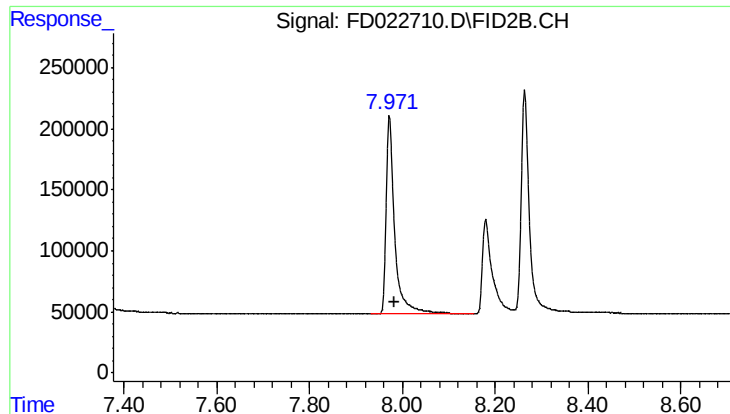
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.706 min  
Delta R.T.: -0.014 min  
Response: 1870147  
Conc: 20.34 ug/ml



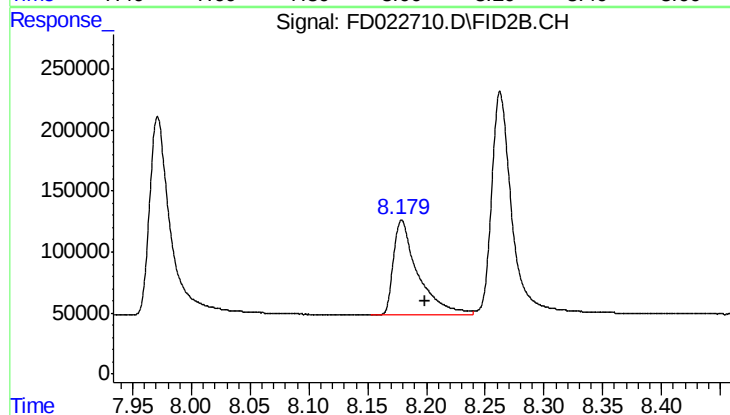
#4 2-Bromonaphthalene (SURR)

R.T.: 7.317 min  
Delta R.T.: -0.012 min  
Response: 1756022  
Conc: 20.30 ug/ml



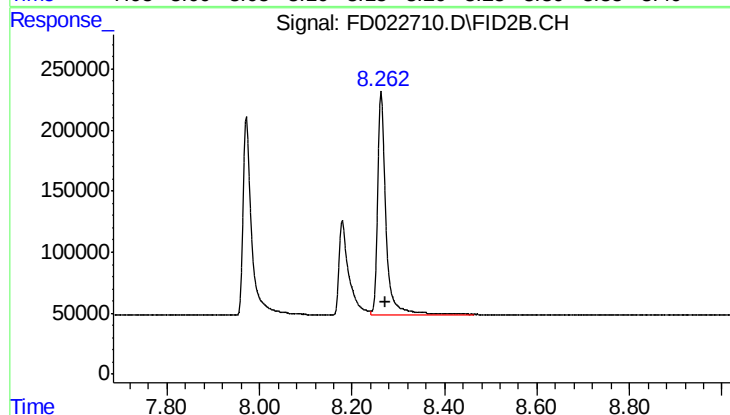
#5 Acenaphthylene (C15.06)

R.T.: 7.971 min  
Delta R.T.: -0.011 min  
Response: 2080066  
Conc: 20.63 ug/ml



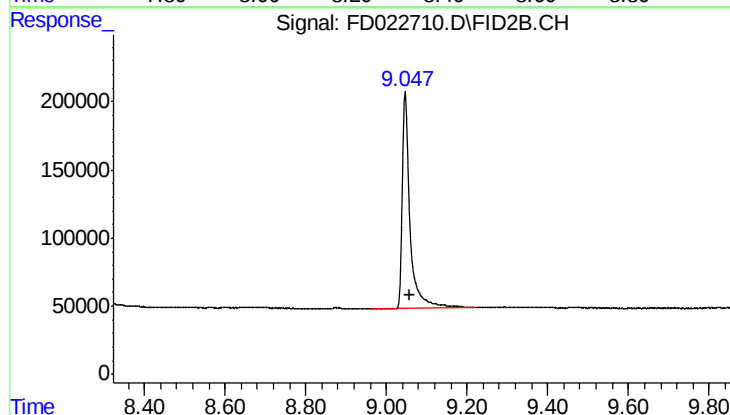
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.179 min  
Delta R.T.: -0.020 min  
Response: 1120357  
Conc: 21.21 ug/ml



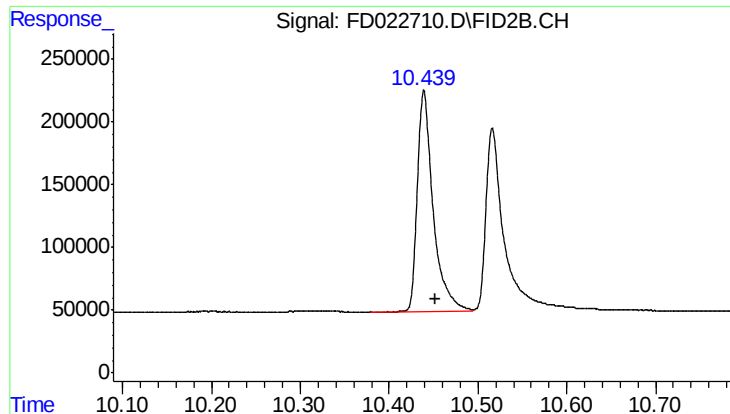
#7 Acenaphthene (C15.5)

R.T.: 8.263 min  
Delta R.T.: -0.010 min  
Response: 2258806  
Conc: 20.55 ug/ml



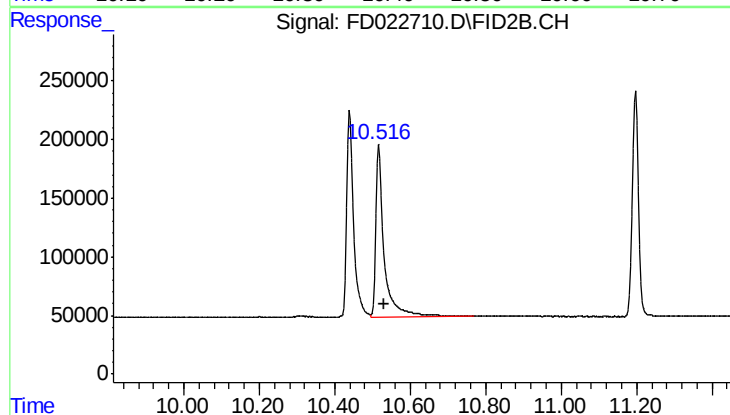
#8 Fluorene (C16.55)

R.T.: 9.047 min  
Delta R.T.: -0.013 min  
Response: 2085264  
Conc: 20.70 ug/ml



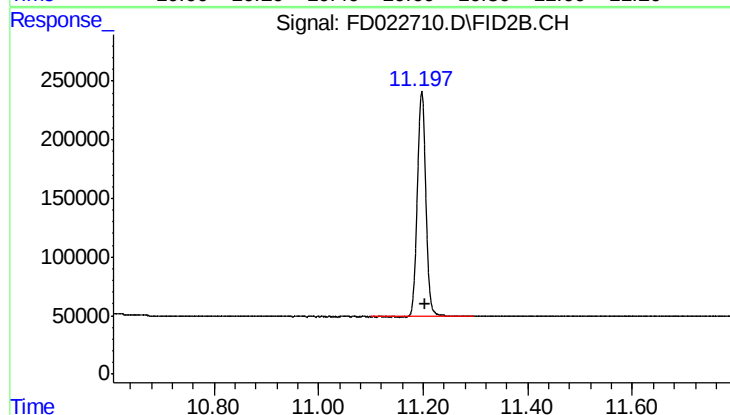
#9 Phenanthrene (C19.36)

R.T.: 10.439 min  
Delta R.T.: -0.013 min  
Response: 2197524  
Conc: 20.88 ug/ml



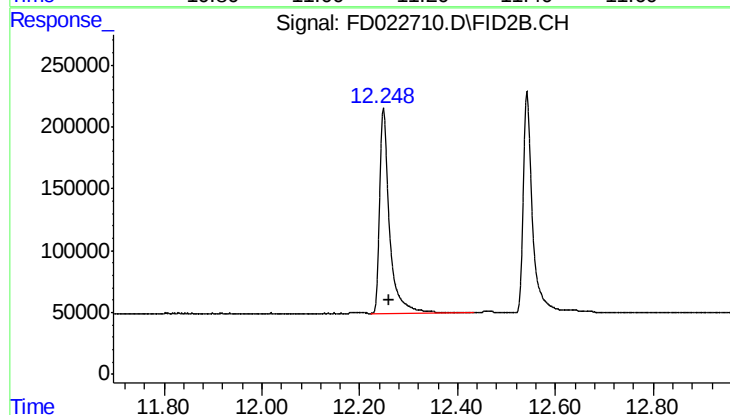
#10 Anthracene (C19.43)

R.T.: 10.516 min  
Delta R.T.: -0.015 min  
Response: 2216372  
Conc: 20.66 ug/ml



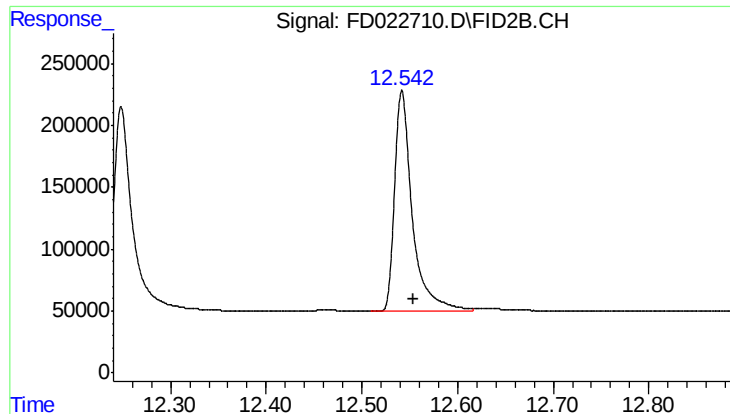
#11 ortho-Terphenyl (SURR)

R.T.: 11.197 min  
Delta R.T.: -0.006 min  
Response: 2176478  
Conc: 20.48 ug/ml



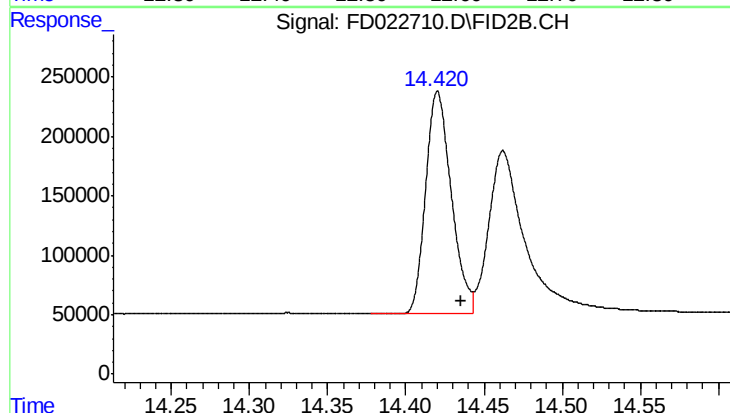
#12 Fluoranthene (C21.85)

R.T.: 12.249 min  
Delta R.T.: -0.012 min  
Response: 2336931  
Conc: 20.62 ug/ml



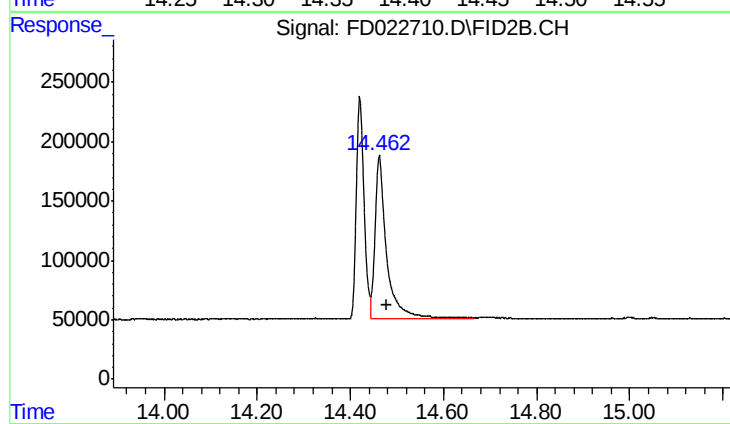
#13 Pyrene (C20.8)

R.T.: 12.542 min  
Delta R.T.: -0.011 min  
Response: 2313644  
Conc: 20.62 ug/ml



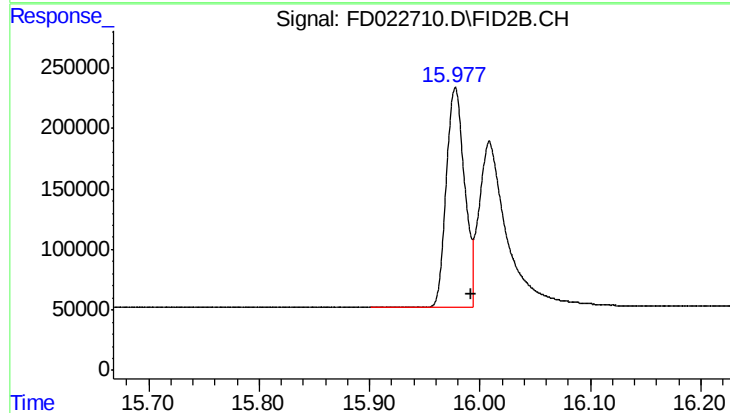
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min  
Delta R.T.: -0.015 min  
Response: 2135575  
Conc: 20.68 ug/ml



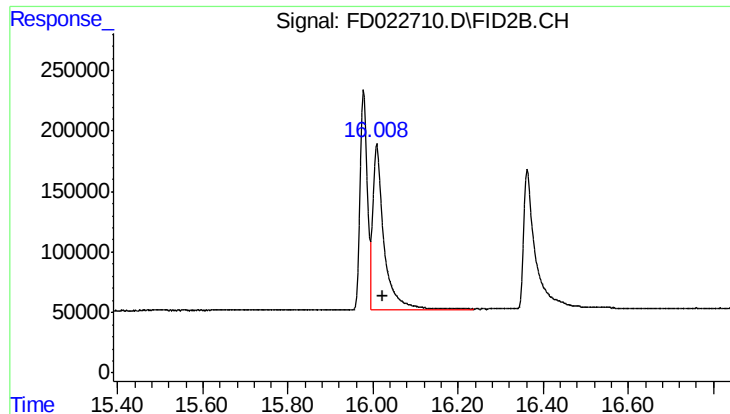
#15 Chrysene (C27.41)

R.T.: 14.462 min  
Delta R.T.: -0.015 min  
Response: 2355601  
Conc: 20.29 ug/ml



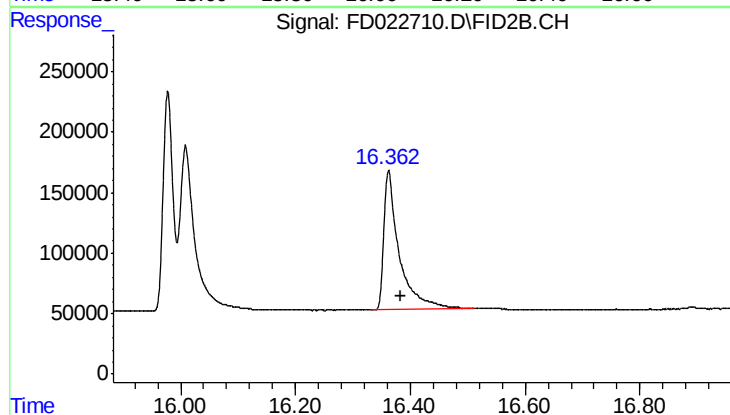
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.978 min  
Delta R.T.: -0.014 min  
Response: 2090905  
Conc: 20.12 ug/ml



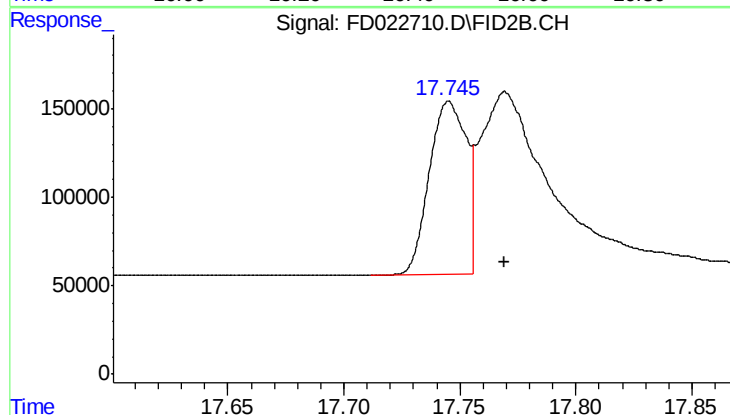
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.009 min  
Delta R.T.: -0.014 min  
Response: 2507570  
Conc: 20.69 ug/ml



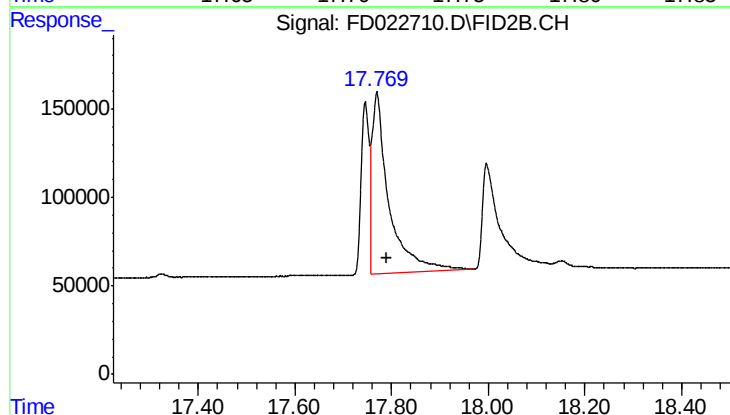
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min  
Delta R.T.: -0.020 min  
Response: 2139134  
Conc: 20.09 ug/ml



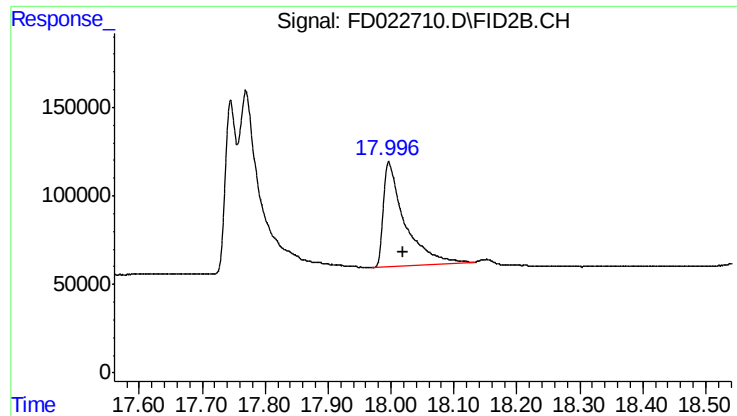
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min  
Delta R.T.: -0.024 min  
Response: 1100294  
Conc: 16.43 ug/ml m



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

R.T.: 17.770 min  
Delta R.T.: -0.020 min  
Response: 2494410  
Conc: 20.53 ug/ml



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

R.T.: 17.996 min  
Delta R.T.: -0.022 min  
Response: 1379437  
Conc: 16.73 ug/ml