

Data Path : P:\HPCHEM1\FID D\Data\FD031518AR\  
 Data File : FD022543.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Mar 2018 13:34  
 Operator : UA/AJ  
 Sample : J1908-07DL 5X  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 16 14:02:27 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...      | 7.326  | 779818     | 9.308 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 18.62%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.189  | 470359     | 9.303 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 18.61%       |
| 11) S ortho-Terphenyl (SURR)       | 11.252 | 137029     | 1.444 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 2.89%        |
| Target Compounds                   |        |            |              |
| 5) T Acenaphthylene (C15.06)       | 7.998  | 42288      | 0.442 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.278  | 155631     | 1.519 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.066  | 124380     | 1.327 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.446 | 1617872    | 17.364 ug/ml |
| 10) T Anthracene (C19.43)          | 10.530 | 495825     | 5.229 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.256 | 2772645    | 27.642 ug/ml |
| 13) T Pyrene (C20.8)               | 12.549 | 2097238    | 20.643 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.471 | 1344735    | 13.945 ug/ml |
| 15) T Chrysene (C27.41)            | 14.471 | 1344735    | 12.459 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.022 | 635708     | 6.324 ug/ml  |
| 17) T Benzo[k]fluoranthene ...     | 16.022 | 635708     | 5.602 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.372 | 1146021    | 10.905 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.758 | 597289     | 6.269 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.797 | 205133     | 1.805 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.009 | 455776     | 4.388 ug/ml  |
| -----                              |        |            |              |

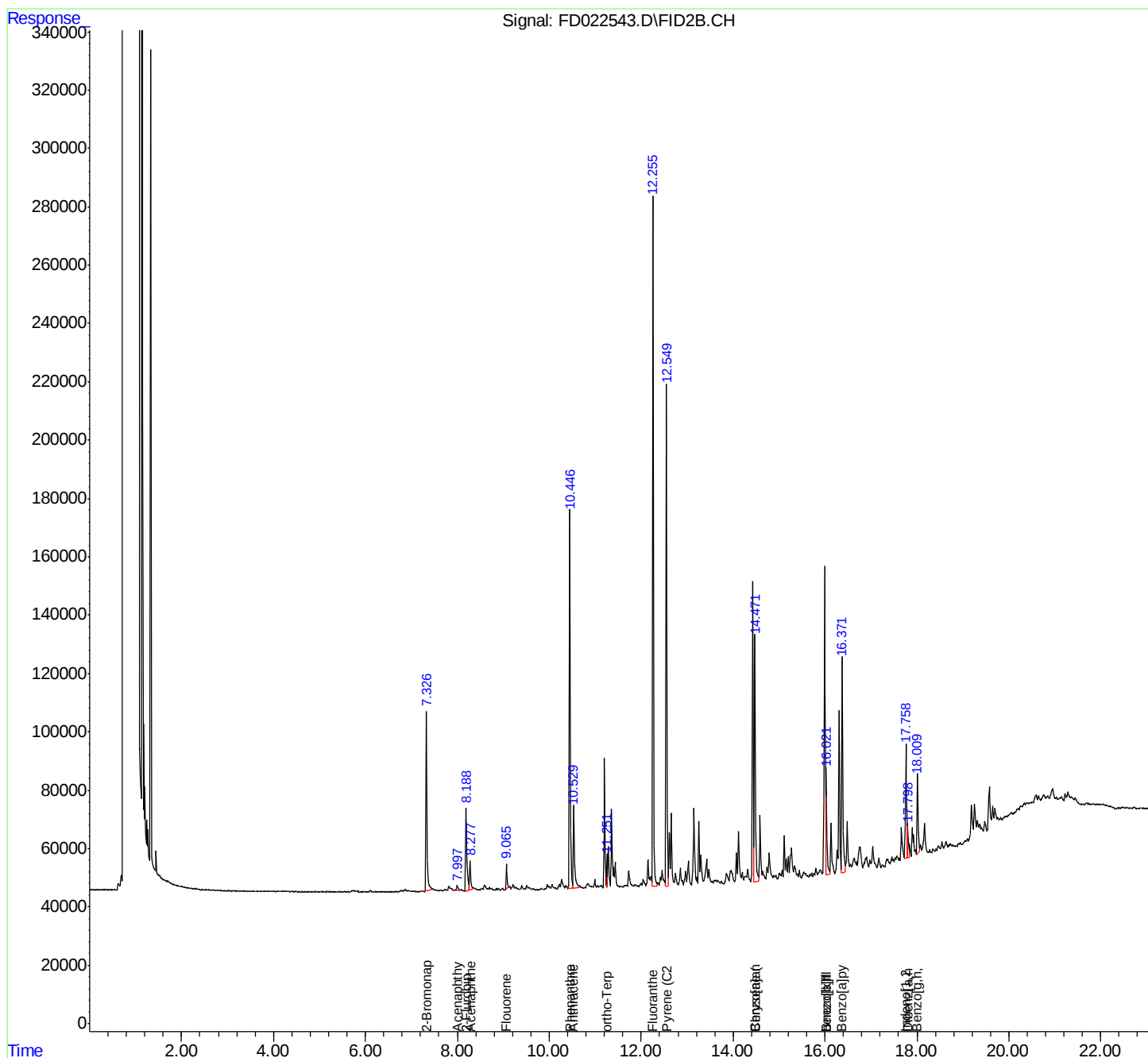
(f)=RT Delta > 1/2 Window

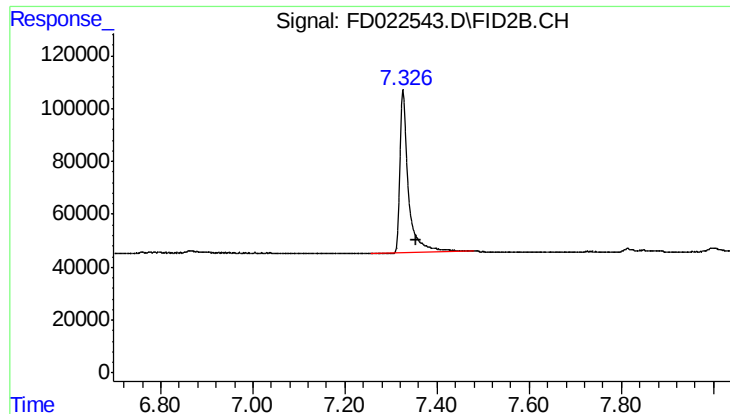
(m)=manual int.

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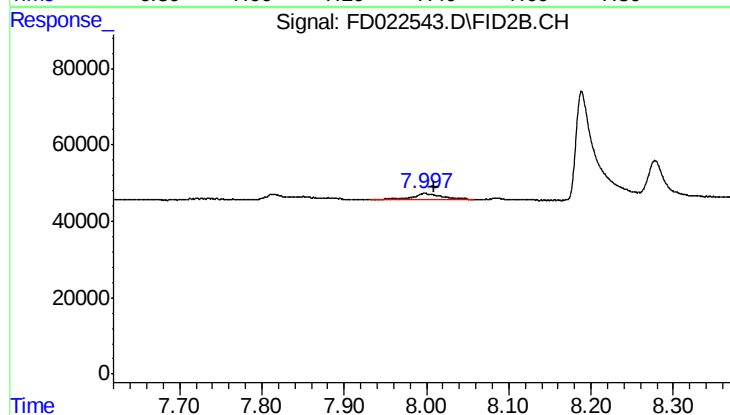
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





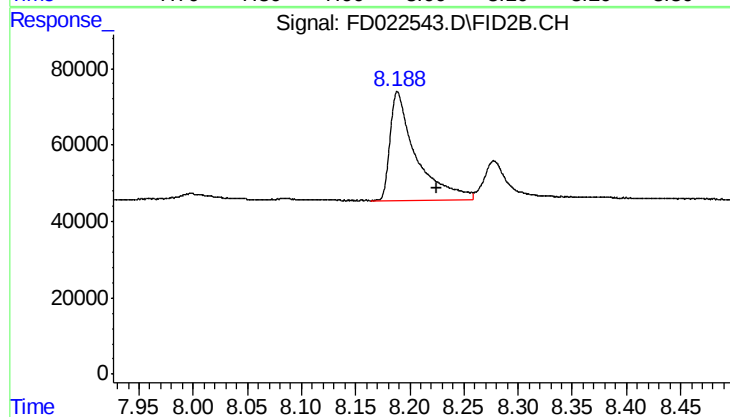
#4 2-Bromonaphthalene (SURR)

R.T.: 7.326 min  
Delta R.T.: -0.029 min  
Response: 779818  
Conc: 9.31 ug/ml



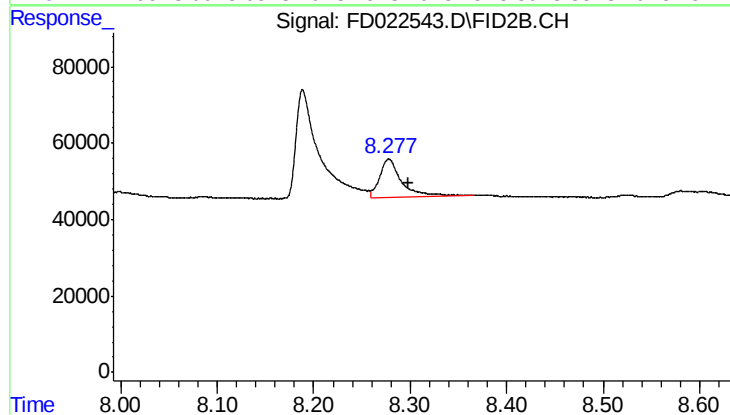
#5 Acenaphthylene (C15.06)

R.T.: 7.998 min  
Delta R.T.: -0.011 min  
Response: 42288  
Conc: 0.44 ug/ml



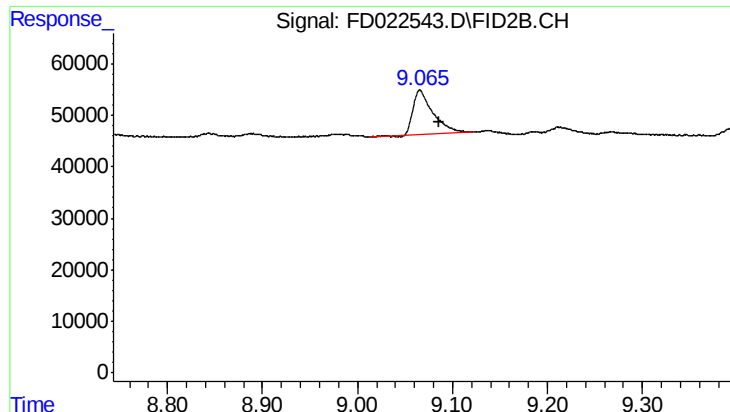
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min  
Delta R.T.: -0.036 min  
Response: 470359  
Conc: 9.30 ug/ml



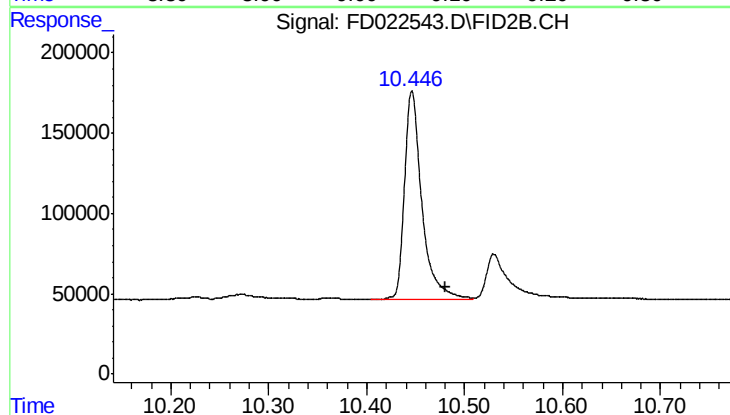
#7 Acenaphthene (C15.5)

R.T.: 8.278 min  
Delta R.T.: -0.021 min  
Response: 155631  
Conc: 1.52 ug/ml



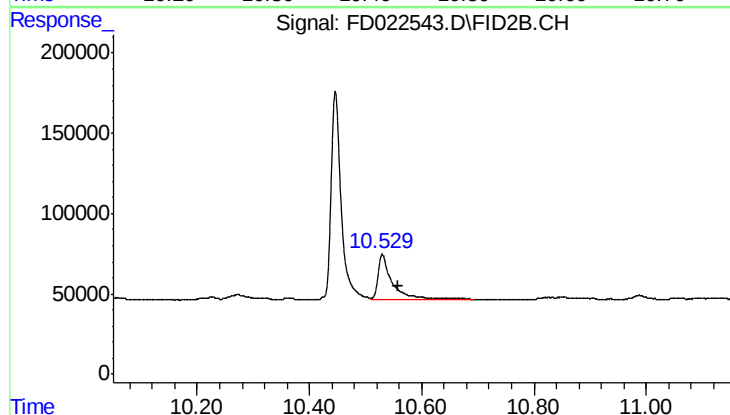
#8 Flouorene (C16.55)

R.T.: 9.066 min  
Delta R.T.: -0.021 min  
Response: 124380  
Conc: 1.33 ug/ml



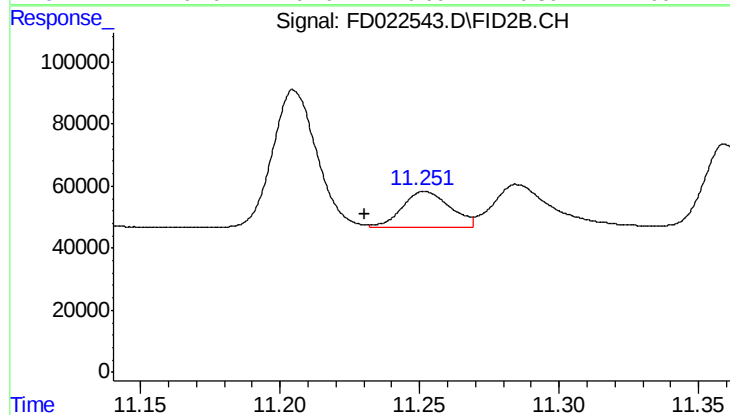
#9 Phenanthrene (C19.36)

R.T.: 10.446 min  
Delta R.T.: -0.034 min  
Response: 1617872  
Conc: 17.36 ug/ml



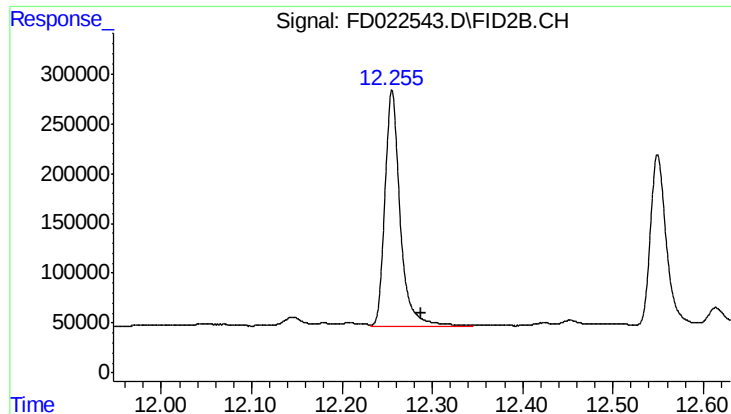
#10 Anthracene (C19.43)

R.T.: 10.530 min  
Delta R.T.: -0.029 min  
Response: 495825  
Conc: 5.23 ug/ml



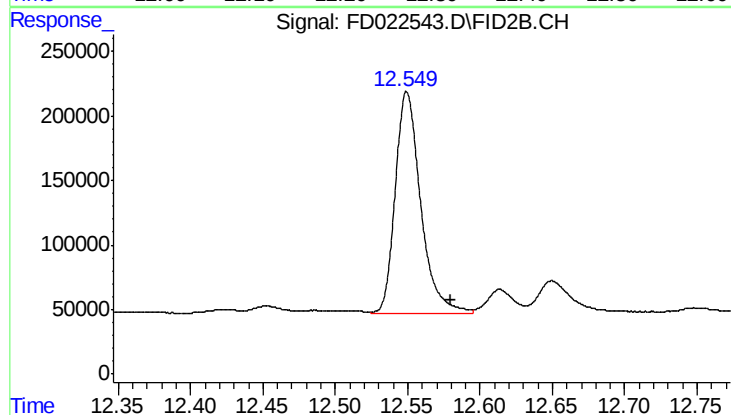
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min  
Delta R.T.: 0.022 min  
Response: 137029  
Conc: 1.44 ug/ml



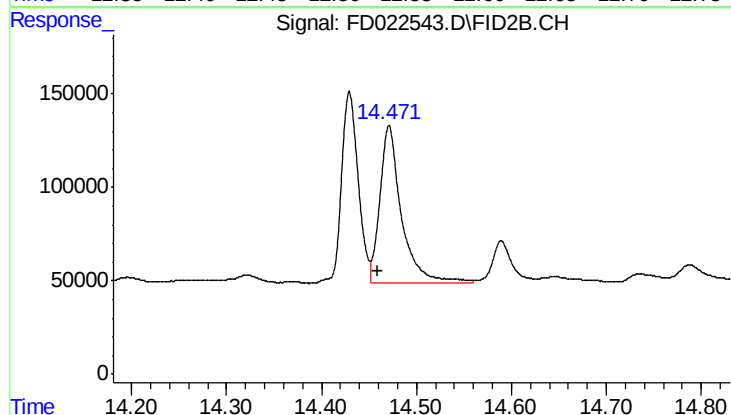
#12 Fluoranthene (C21.85)

R.T.: 12.256 min  
Delta R.T.: -0.032 min  
Response: 2772645  
Conc: 27.64 ug/ml



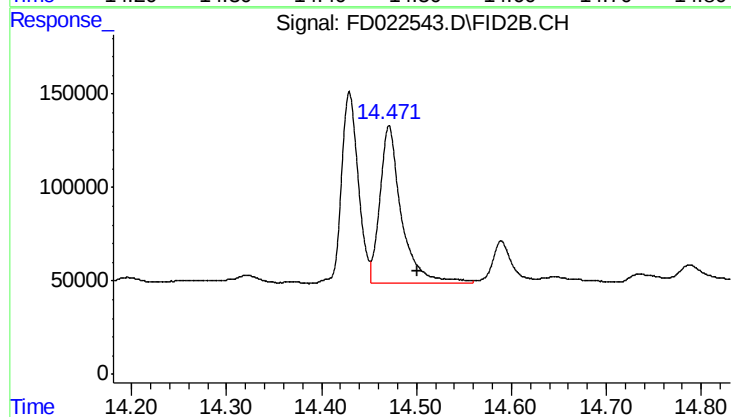
#13 Pyrene (C20.8)

R.T.: 12.549 min  
Delta R.T.: -0.031 min  
Response: 2097238  
Conc: 20.64 ug/ml



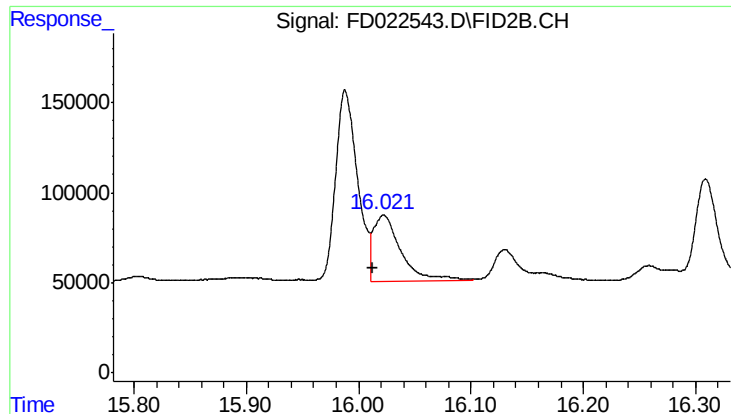
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.471 min  
Delta R.T.: 0.012 min  
Response: 1344735  
Conc: 13.95 ug/ml



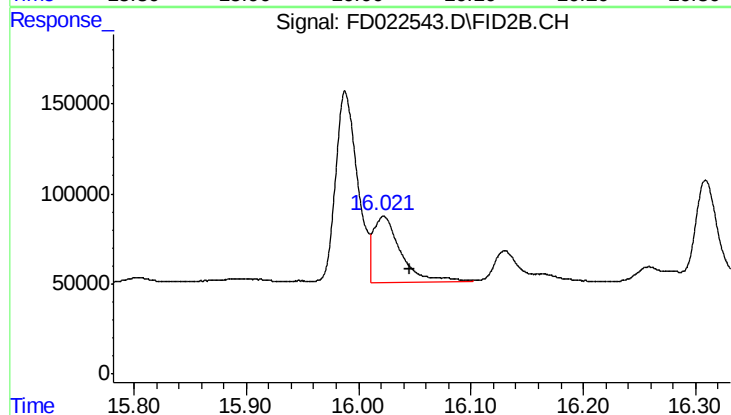
#15 Chrysene (C27.41)

R.T.: 14.471 min  
Delta R.T.: -0.029 min  
Response: 1344735  
Conc: 12.46 ug/ml



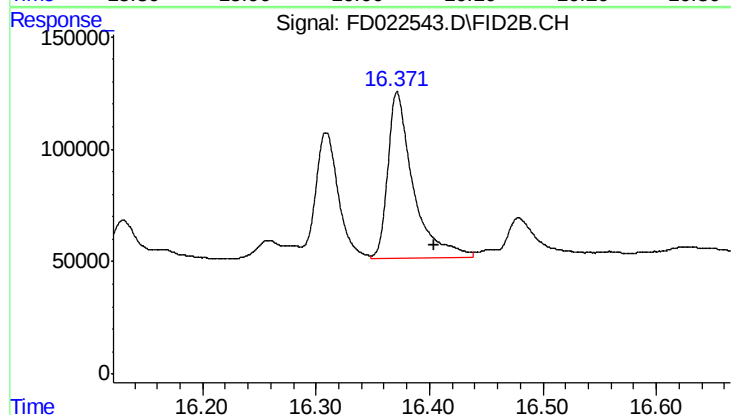
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.022 min  
Delta R.T.: 0.010 min  
Response: 635708  
Conc: 6.32 ug/ml



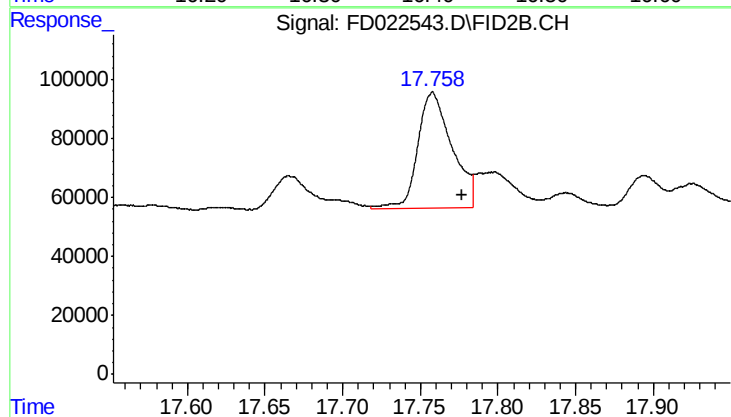
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.022 min  
Delta R.T.: -0.023 min  
Response: 635708  
Conc: 5.60 ug/ml



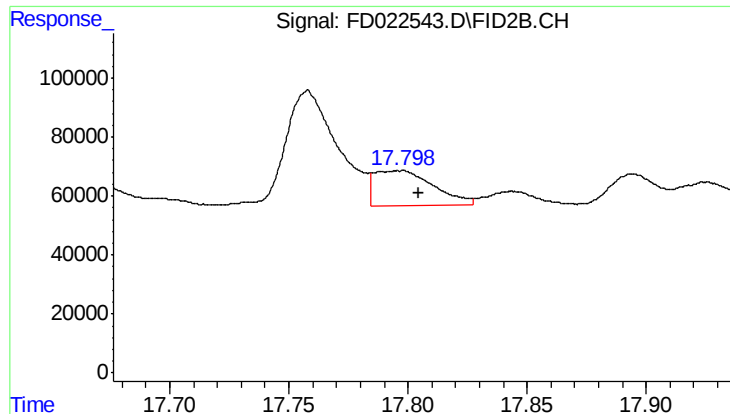
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.372 min  
Delta R.T.: -0.033 min  
Response: 1146021  
Conc: 10.90 ug/ml



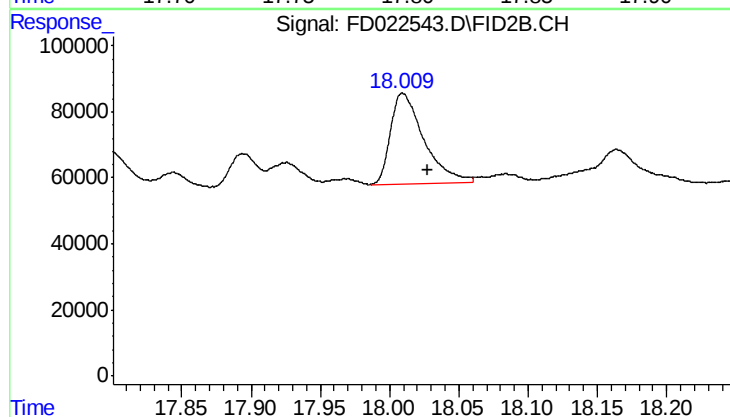
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min  
Delta R.T.: -0.020 min  
Response: 597289  
Conc: 6.27 ug/ml



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

R.T.: 17.797 min  
Delta R.T.: -0.008 min  
Response: 205133  
Conc: 1.81 ug/ml



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

R.T.: 18.009 min  
Delta R.T.: -0.018 min  
Response: 455776  
Conc: 4.39 ug/ml