

Data Path : P:\HPCHEM1\FID D\Data\FD031918AR\  
 Data File : FD022582.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Mar 2018 3:53  
 Operator : UA/AJ  
 Sample : J1940-01DL 5X  
 Misc :  
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 20 07:30:30 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...      | 7.374  | 216607     | 2.586 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 5.17%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.240  | 312238     | 6.176 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 12.35%       |
| 11) S ortho-Terphenyl (SURR)       | 11.249 | 587634     | 6.192 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 12.38%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.140  | 3974       | 0.045 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.700  | 154467     | 1.727 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.755  | 199033     | 2.192 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.035  | 371452     | 3.879 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.302  | 627911     | 6.130 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.066  | 449568     | 4.795 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.450 | 1407478    | 15.106 ug/ml |
| 10) T Anthracene (C19.43)          | 10.533 | 1005122    | 10.600 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.259 | 1175700    | 11.721 ug/ml |
| 13) T Pyrene (C20.8)               | 12.592 | 115056     | 1.132 ug/ml  |
| 14) T Benzo[alanthracene (C...     | 14.475 | 640046     | 6.637 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.475 | 640046     | 5.930 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.996 | 475134     | 4.726 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.029 | 175032     | 1.542 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.380 | 438135     | 4.169 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.767 | 213735     | 2.243 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.805 | 88918      | 0.782 ug/ml  |
| 21) T Benzo[a,h,i]pervlene ...     | 18.015 | 228869     | 2.204 ug/ml  |
| -----                              |        |            |              |

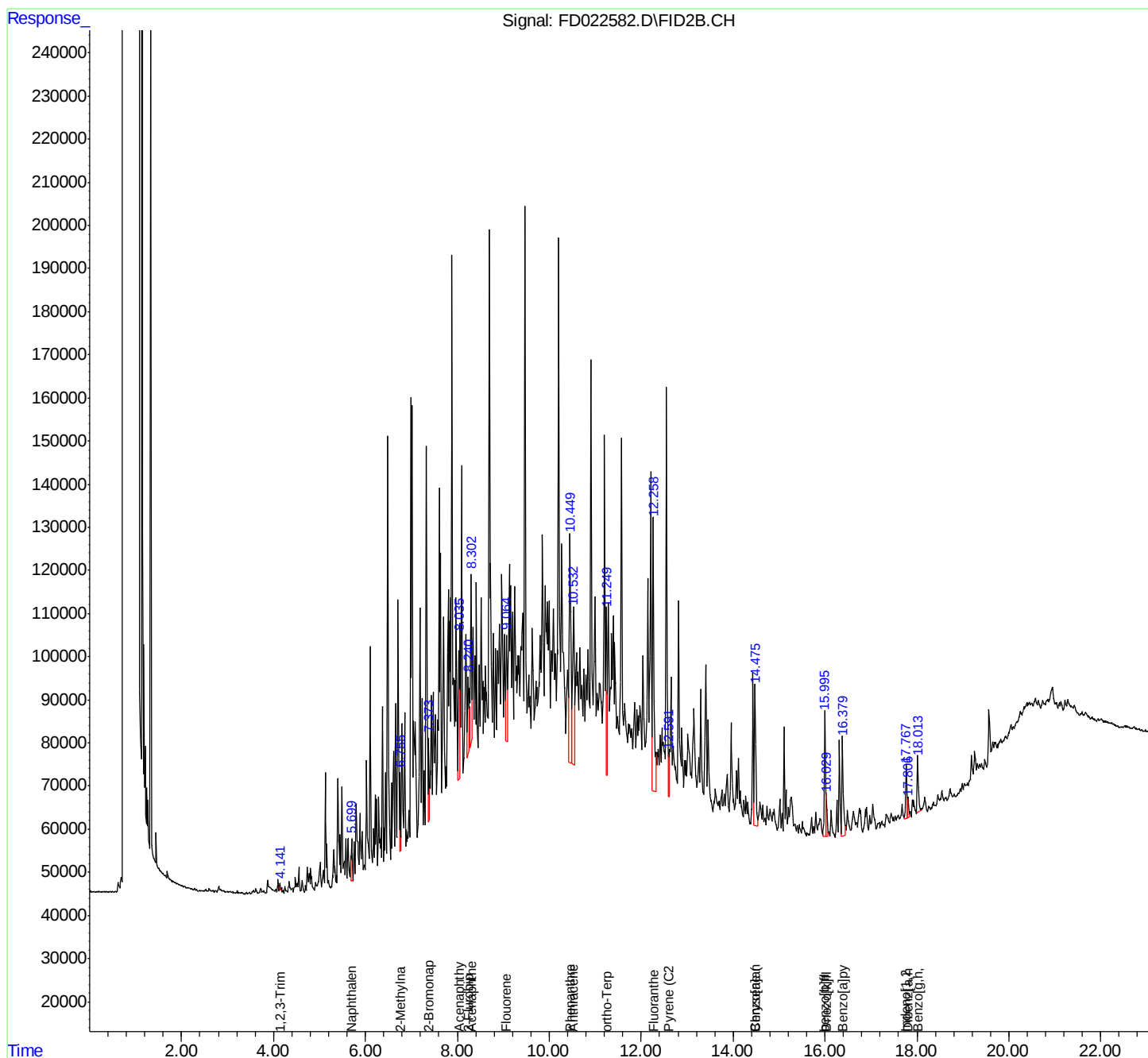
(f)=RT Delta > 1/2 Window

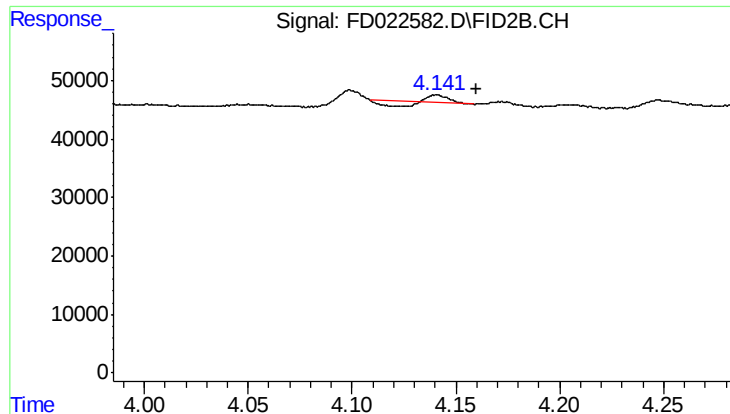
(m)=manual int.

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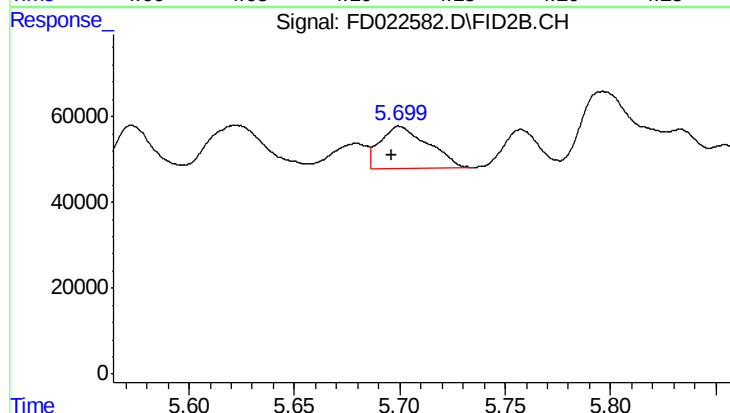
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





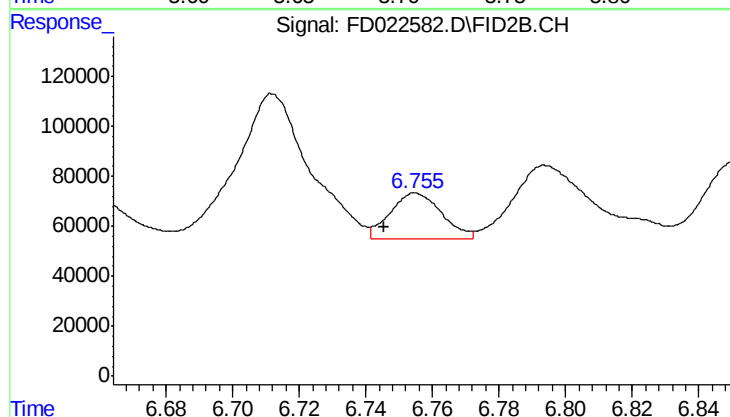
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.140 min  
Delta R.T.: -0.019 min  
Response: 3974  
Conc: 0.04 ug/ml



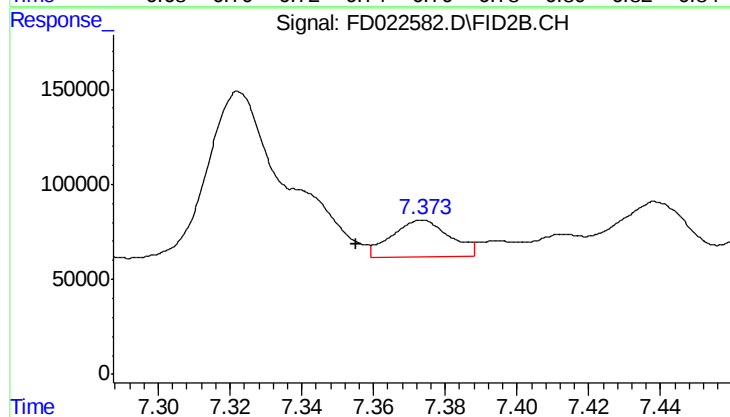
#2 Naphthalene (C11.7)

R.T.: 5.700 min  
Delta R.T.: 0.003 min  
Response: 154467  
Conc: 1.73 ug/ml



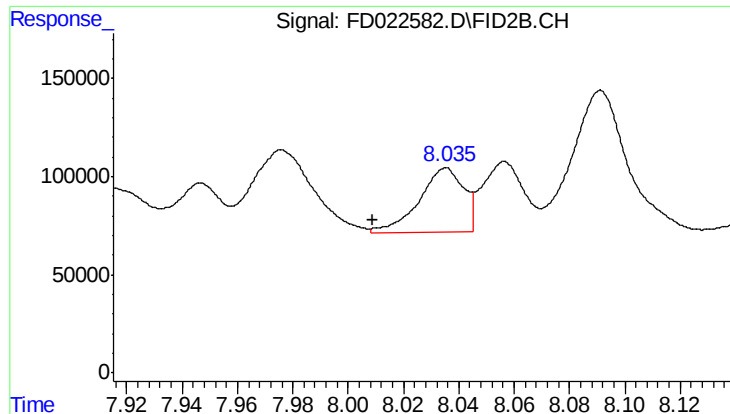
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min  
Delta R.T.: 0.009 min  
Response: 199033  
Conc: 2.19 ug/ml



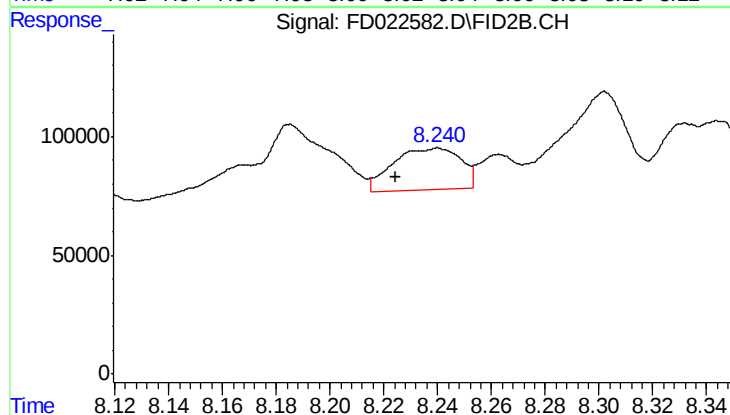
#4 2-Bromonaphthalene (SURR)

R.T.: 7.374 min  
Delta R.T.: 0.018 min  
Response: 216607  
Conc: 2.59 ug/ml



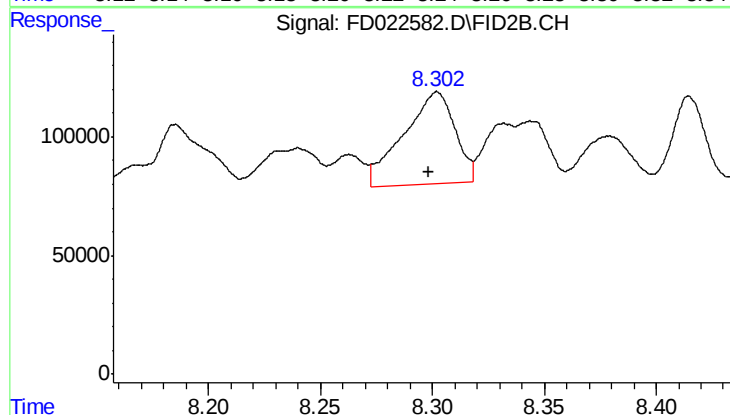
#5 Acenaphthylene (C15.06)

R.T.: 8.035 min  
Delta R.T.: 0.027 min  
Response: 371452  
Conc: 3.88 ug/ml



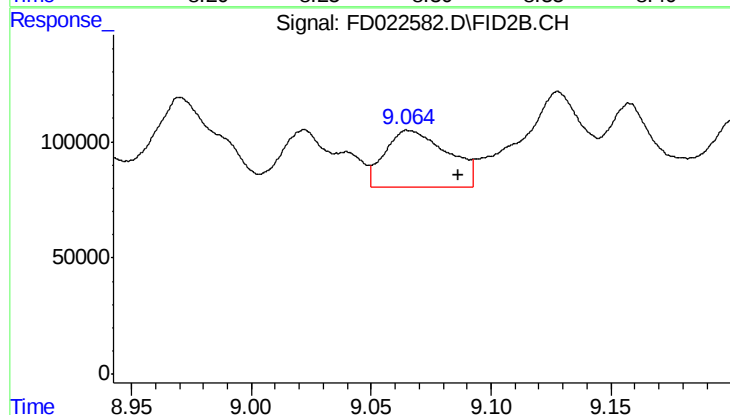
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min  
Delta R.T.: 0.016 min  
Response: 312238  
Conc: 6.18 ug/ml



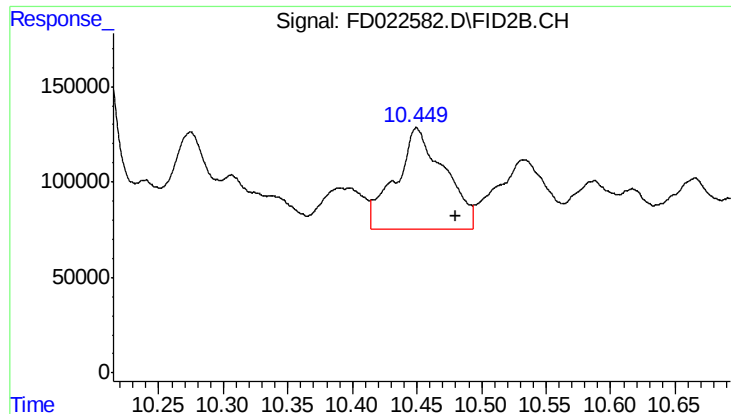
#7 Acenaphthene (C15.5)

R.T.: 8.302 min  
Delta R.T.: 0.003 min  
Response: 627911  
Conc: 6.13 ug/ml



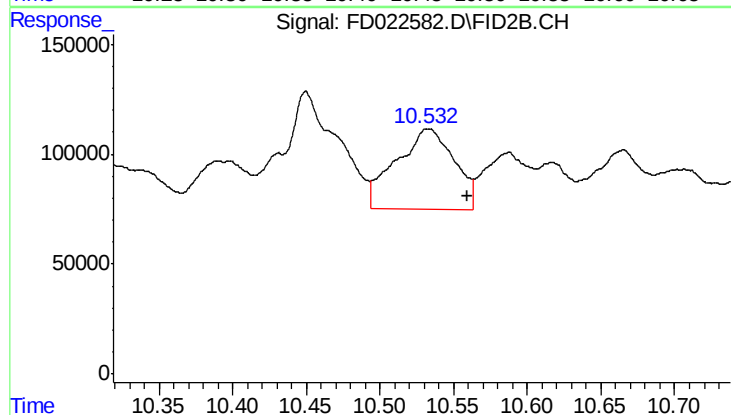
#8 Fluorene (C16.55)

R.T.: 9.066 min  
Delta R.T.: -0.021 min  
Response: 449568  
Conc: 4.79 ug/ml



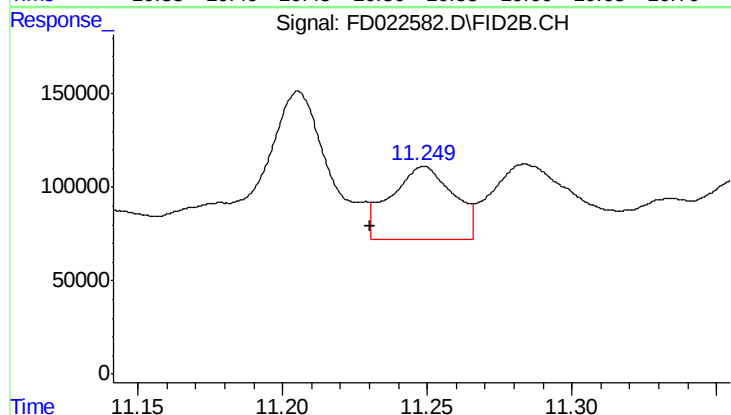
#9 Phenanthrene (C19.36)

R.T.: 10.450 min  
Delta R.T.: -0.030 min  
Response: 1407478  
Conc: 15.11 ug/ml



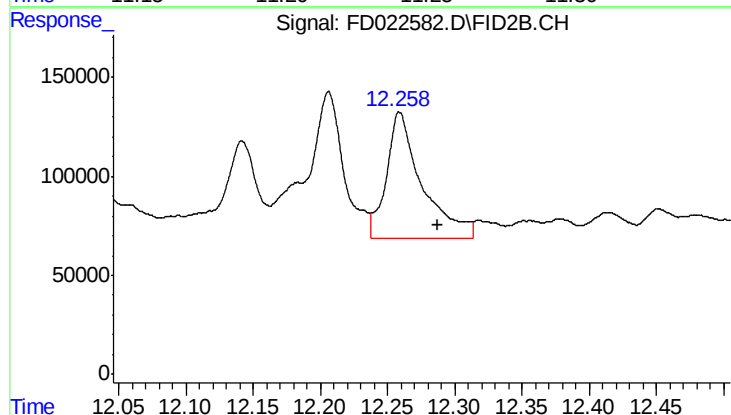
#10 Anthracene (C19.43)

R.T.: 10.533 min  
Delta R.T.: -0.027 min  
Response: 1005122  
Conc: 10.60 ug/ml



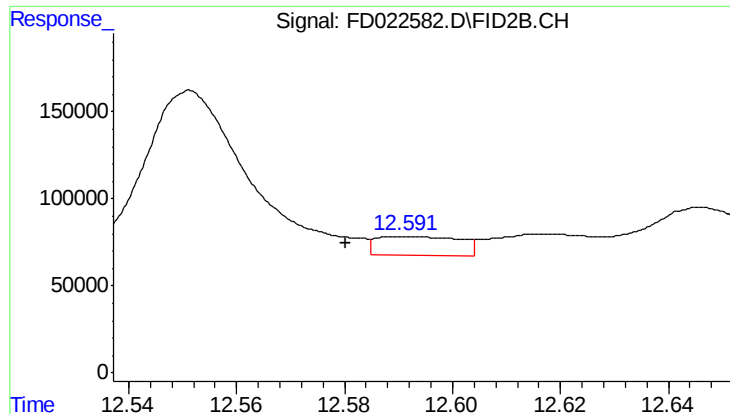
#11 ortho-Terphenyl (SURRE)

R.T.: 11.249 min  
Delta R.T.: 0.019 min  
Response: 587634  
Conc: 6.19 ug/ml



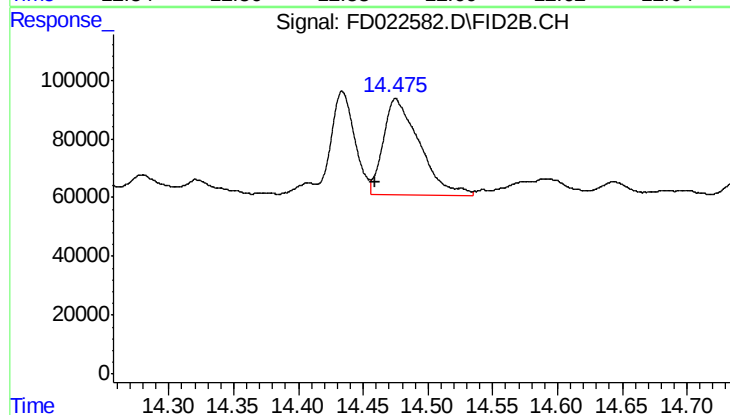
#12 Fluoranthene (C21.85)

R.T.: 12.259 min  
Delta R.T.: -0.029 min  
Response: 1175700  
Conc: 11.72 ug/ml



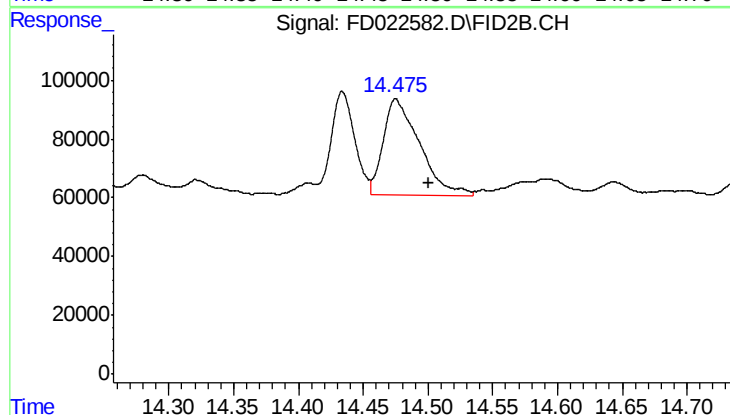
#13 Pyrene (C20.8)

R.T.: 12.592 min  
Delta R.T.: 0.012 min  
Response: 115056  
Conc: 1.13 ug/ml



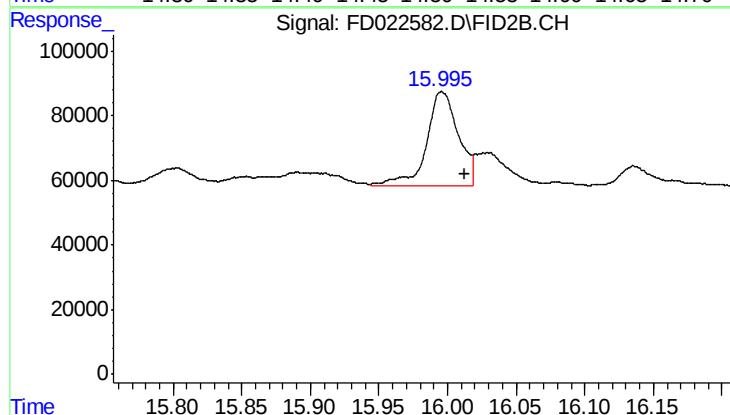
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.475 min  
Delta R.T.: 0.016 min  
Response: 640046  
Conc: 6.64 ug/ml



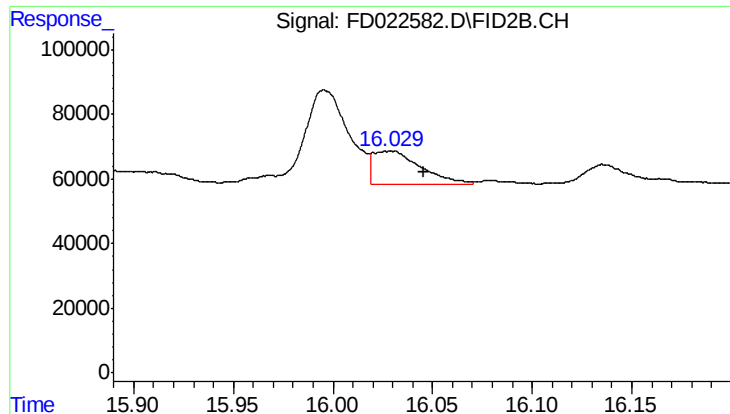
#15 Chrysene (C27.41)

R.T.: 14.475 min  
Delta R.T.: -0.025 min  
Response: 640046  
Conc: 5.93 ug/ml



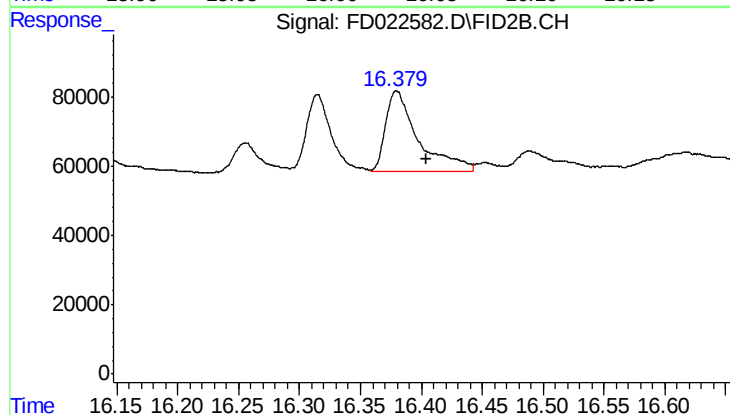
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.996 min  
Delta R.T.: -0.016 min  
Response: 475134  
Conc: 4.73 ug/ml



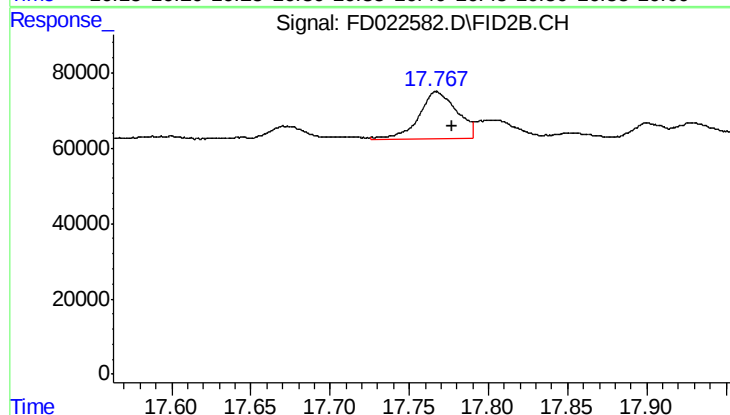
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.029 min  
Delta R.T.: -0.017 min  
Response: 175032  
Conc: 1.54 ug/ml



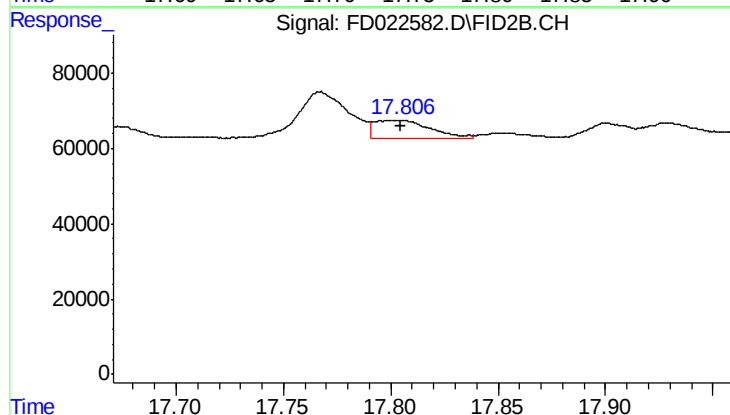
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min  
Delta R.T.: -0.025 min  
Response: 438135  
Conc: 4.17 ug/ml



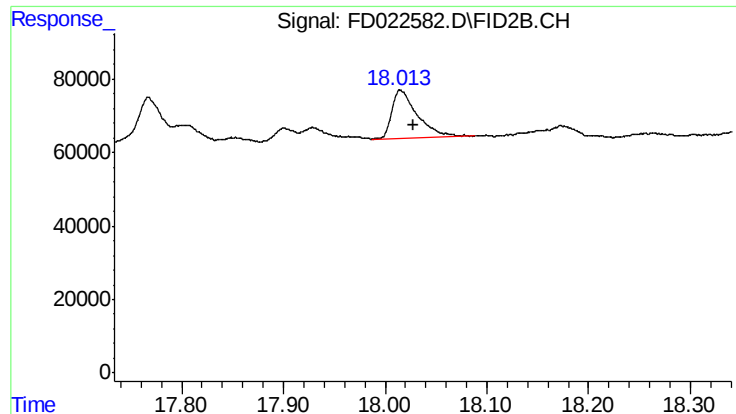
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.767 min  
Delta R.T.: -0.010 min  
Response: 213735  
Conc: 2.24 ug/ml



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

R.T.: 17.805 min  
Delta R.T.: 0.000 min  
Response: 88918  
Conc: 0.78 ug/ml



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

R.T.: 18.015 min  
Delta R.T.: -0.013 min  
Response: 228869  
Conc: 2.20 ug/ml