

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\  
 Data File : FD022379.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Mar 2018 22:31  
 Operator : UA/AJ  
 Sample : J1723-09DL 2X  
 Misc :  
 ALS Vial : 81 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 06 23:44:30 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...      | 7.333  | 2736577    | 32.665 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 65.33%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.191  | 1796358    | 35.531 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 71.06%       |
| 11) S ortho-Terphenyl (SURR)       | 11.218 | 1535537    | 16.180 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 32.36%       |
| Target Compounds                   |        |            |              |
| 7) T Acenaphthene (C15.5)          | 8.288  | 59002      | 0.576 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.084  | 32285      | 0.344 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.460 | 486893     | 5.226 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.546 | 179573     | 1.894 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.268 | 944226     | 9.413 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.563 | 776506     | 7.643 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.443 | 458315     | 4.753 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.484 | 566851     | 5.252 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.001 | 623255     | 6.200 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.034 | 256512     | 2.261 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.385 | 480088     | 4.568 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.771 | 332889     | 3.494 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.811 | 86134      | 0.758 ug/ml  |
| 21) T Benzo[a,h,i]perylene ...     | 18.022 | 224854     | 2.165 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

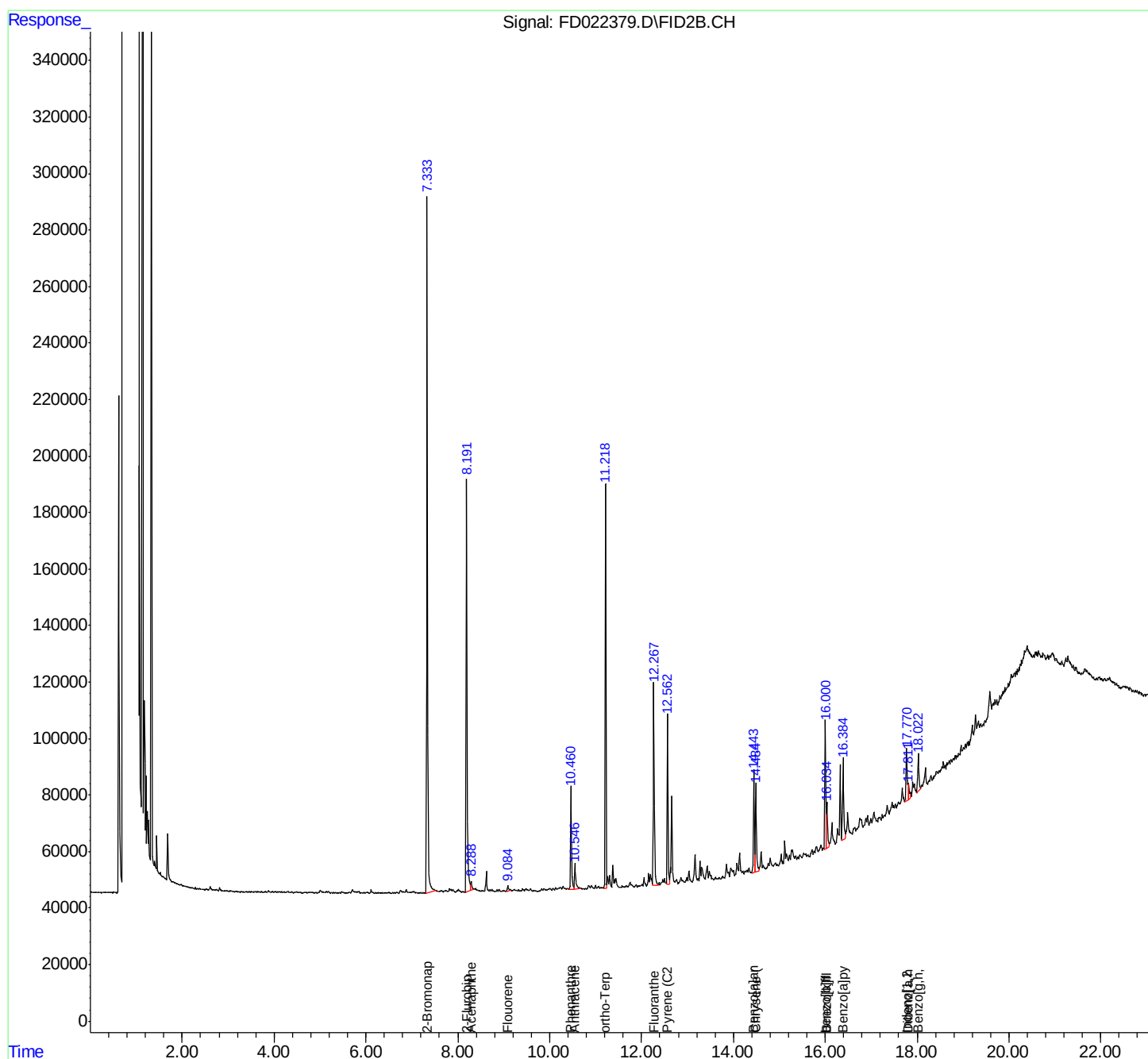
(m)=manual int.

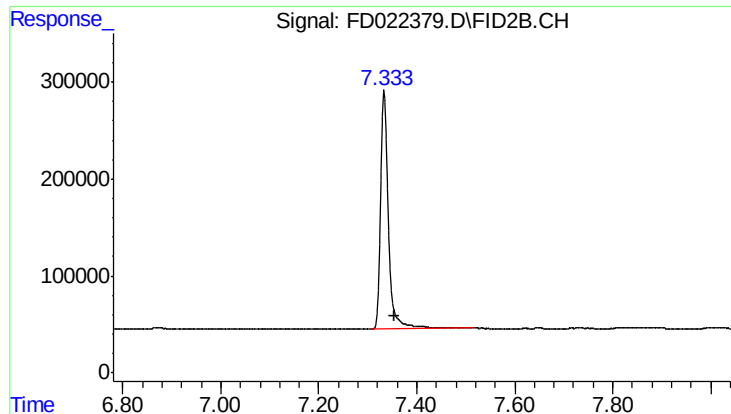
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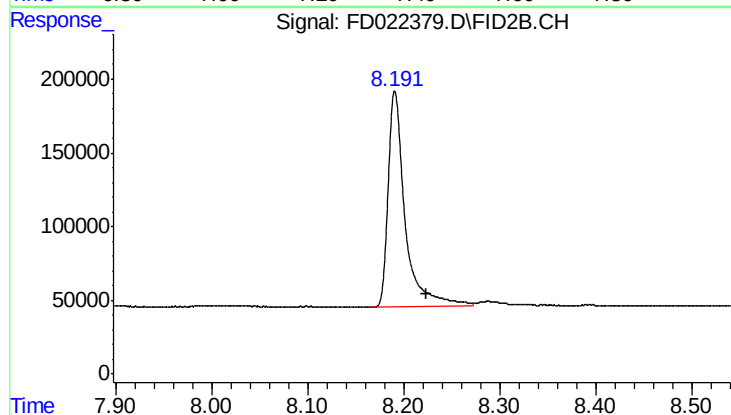




#4 2-Bromonaphthalene (SURR)

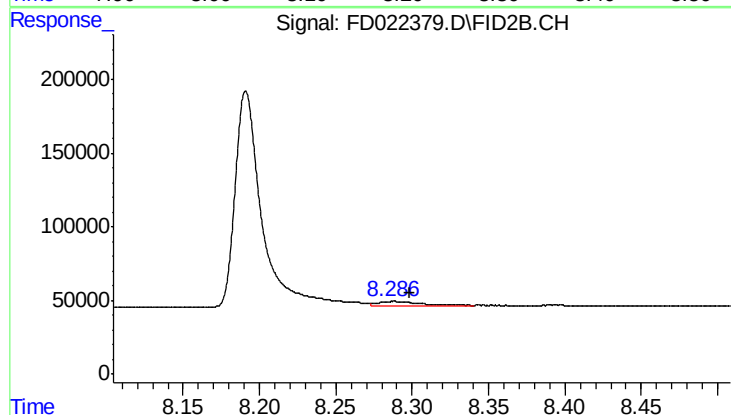
R.T.: 7.333 min  
Delta R.T.: -0.022 min  
Response: 2736577  
Conc: 32.67 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



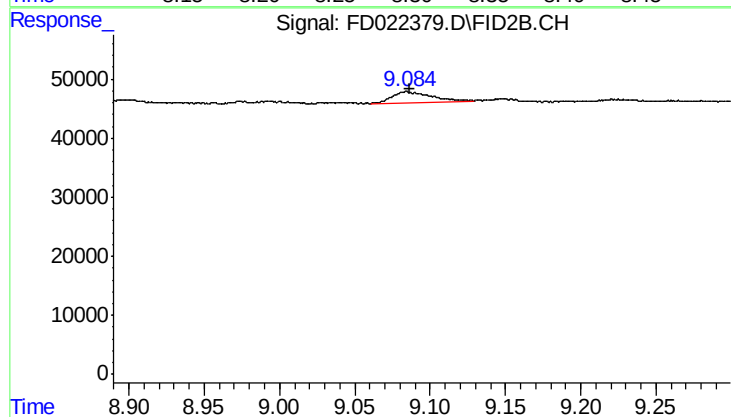
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.191 min  
Delta R.T.: -0.033 min  
Response: 1796358  
Conc: 35.53 ug/ml



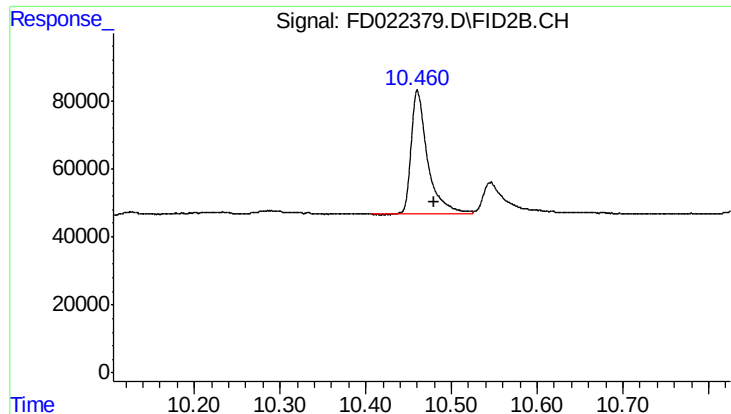
#7 Acenaphthene (C15.5)

R.T.: 8.288 min  
Delta R.T.: -0.011 min  
Response: 59002  
Conc: 0.58 ug/ml



#8 Fluorene (C16.55)

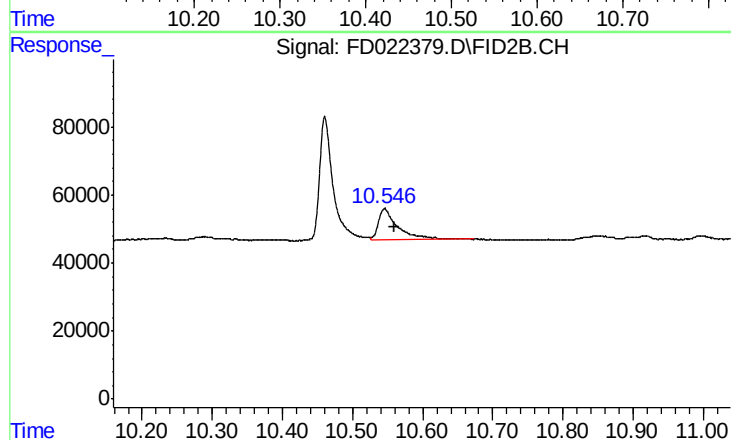
R.T.: 9.084 min  
Delta R.T.: -0.003 min  
Response: 32285  
Conc: 0.34 ug/ml



#9 Phenanthrene (C19.36)

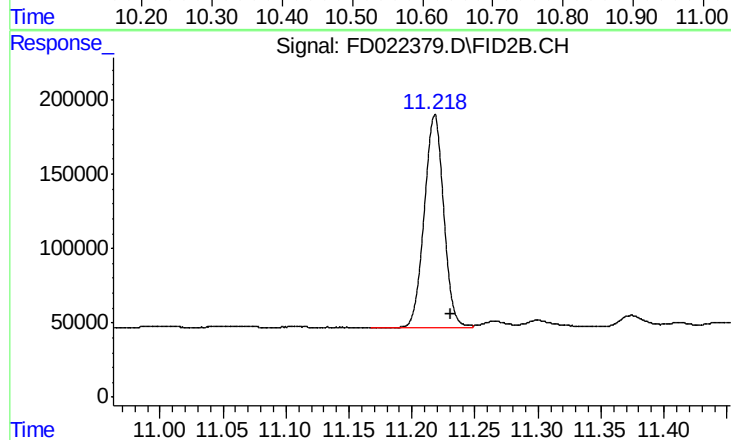
R.T.: 10.460 min  
Delta R.T.: -0.019 min  
Response: 486893  
Conc: 5.23 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



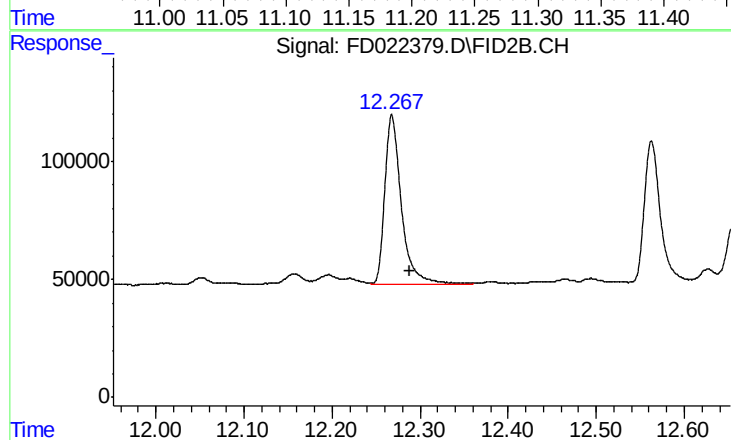
#10 Anthracene (C19.43)

R.T.: 10.546 min  
Delta R.T.: -0.014 min  
Response: 179573  
Conc: 1.89 ug/ml



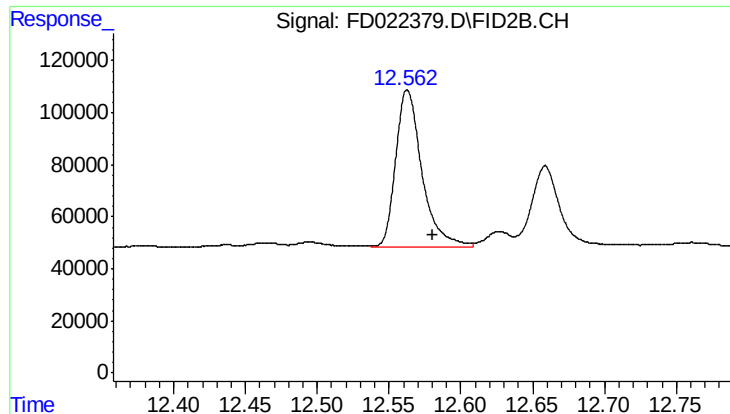
#11 ortho-Terphenyl (SURR)

R.T.: 11.218 min  
Delta R.T.: -0.012 min  
Response: 153537  
Conc: 16.18 ug/ml



#12 Fluoranthene (C21.85)

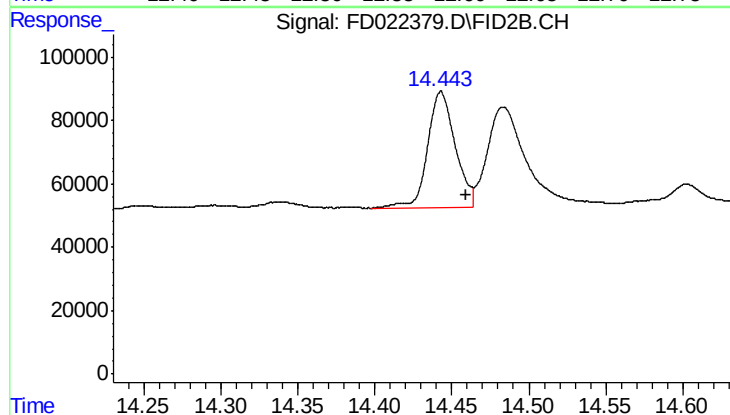
R.T.: 12.268 min  
Delta R.T.: -0.020 min  
Response: 944226  
Conc: 9.41 ug/ml



#13 Pyrene (C20.8)

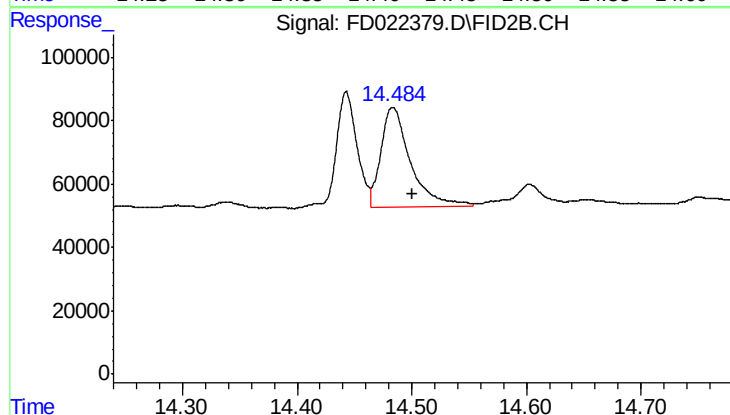
R.T.: 12.563 min  
Delta R.T.: -0.017 min  
Response: 776506  
Conc: 7.64 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



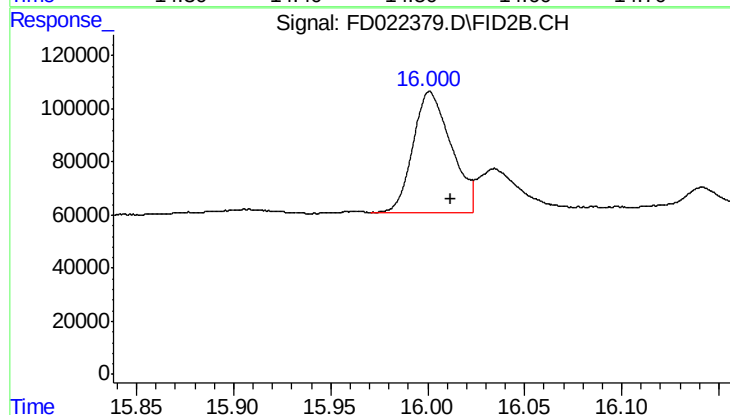
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min  
Delta R.T.: -0.016 min  
Response: 458315  
Conc: 4.75 ug/ml



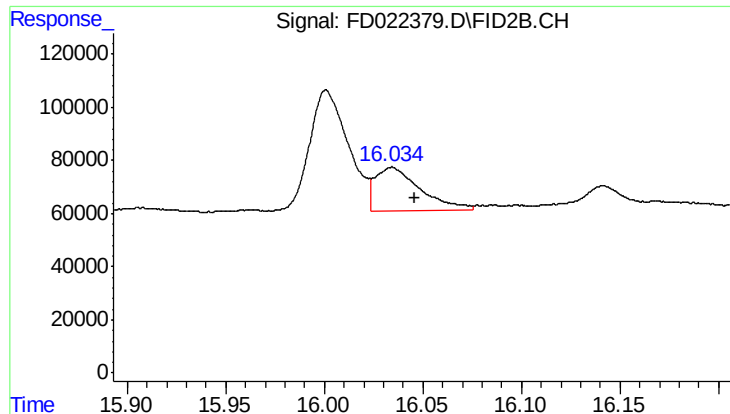
#15 Chrysene (C27.41)

R.T.: 14.484 min  
Delta R.T.: -0.017 min  
Response: 566851  
Conc: 5.25 ug/ml



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

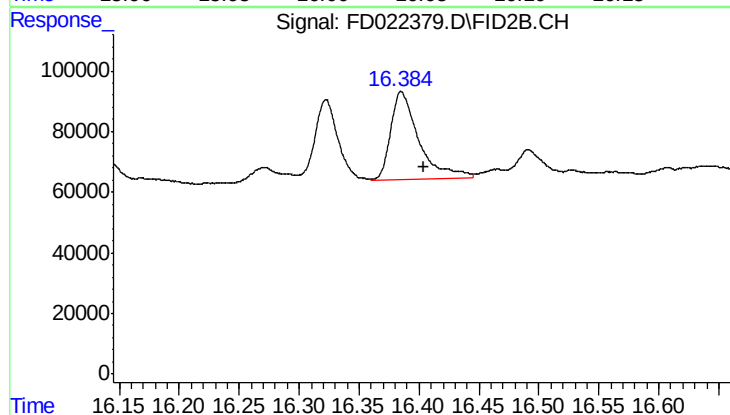
R.T.: 16.001 min  
Delta R.T.: -0.011 min  
Response: 623255  
Conc: 6.20 ug/ml



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

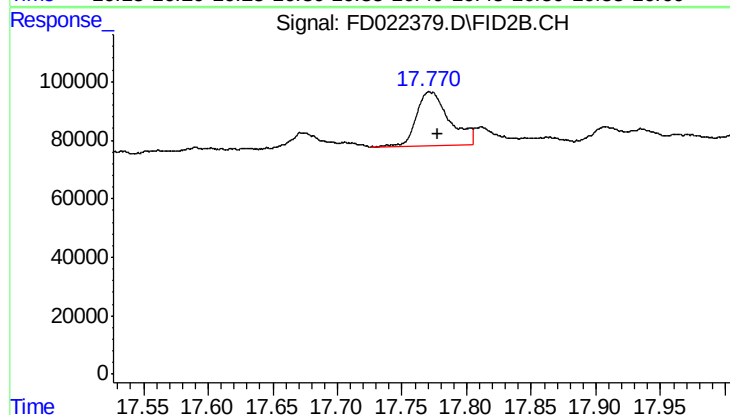
R.T.: 16.034 min  
Delta R.T.: -0.012 min  
Response: 256512  
Conc: 2.26 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



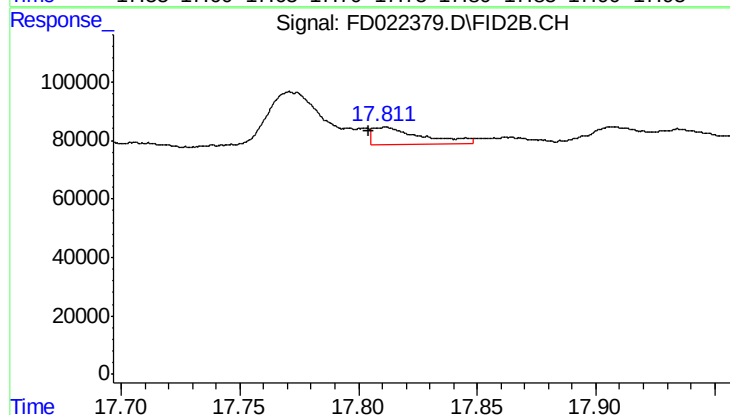
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min  
Delta R.T.: -0.019 min  
Response: 480088  
Conc: 4.57 ug/ml



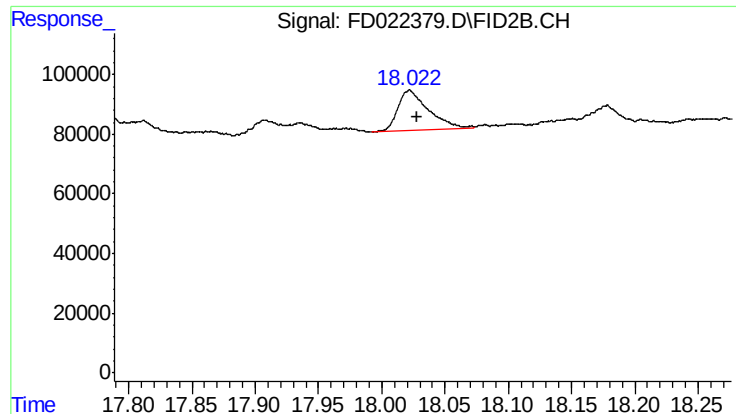
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min  
Delta R.T.: -0.006 min  
Response: 332889  
Conc: 3.49 ug/ml



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

R.T.: 17.811 min  
Delta R.T.: 0.007 min  
Response: 86134  
Conc: 0.76 ug/ml



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

R.T.: 18.022 min  
Delta R.T.: -0.006 min  
Response: 224854  
Conc: 2.16 ug/ml

Instrument :  
FID\_D  
ClientSampleId :