

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062022AR\  
 Data File : FD042972.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Jun 2022 15:13  
 Operator : UA/NP  
 Sample : N3213-02DL2 100X  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 21 01:28:19 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 01 10:34:31 2022  
 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...      | 7.659   | 300768     | 1.968 ug/ml  |
| Spiked Amount 50.000               |         | Recovery = | 3.94%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.526   | 91644      | 0.891 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 1.78%        |
| 11) S ortho-Terphenyl (SURR)       | 11.572  | 290558     | 1.637 ug/ml  |
| Spiked Amount 50.000               |         | Recovery = | 3.27%        |
| Target Compounds                   |         |            |              |
| 2) T Naphthalene (C11.7)           | 5.993   | 127936     | 0.740 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.049   | 2068229    | 12.970 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.623   | 196430     | 1.142 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.407   | 192058     | 1.144 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.808  | 1008129    | 6.131 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.884  | 317619     | 2.078 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.625  | 669193     | 4.248 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.921  | 605194     | 3.887 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.796  | 89125      | 0.668 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.836  | 67868      | 0.514 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.360  | 118057     | 0.886 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.360  | 118057     | 0.953 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.731  | 96156      | 0.777 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.003f | 123401     | 1.107 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.360  | 97031      | 0.816 ug/ml  |
| -----                              |         |            |              |

(f)=RT Delta > 1/2 Window

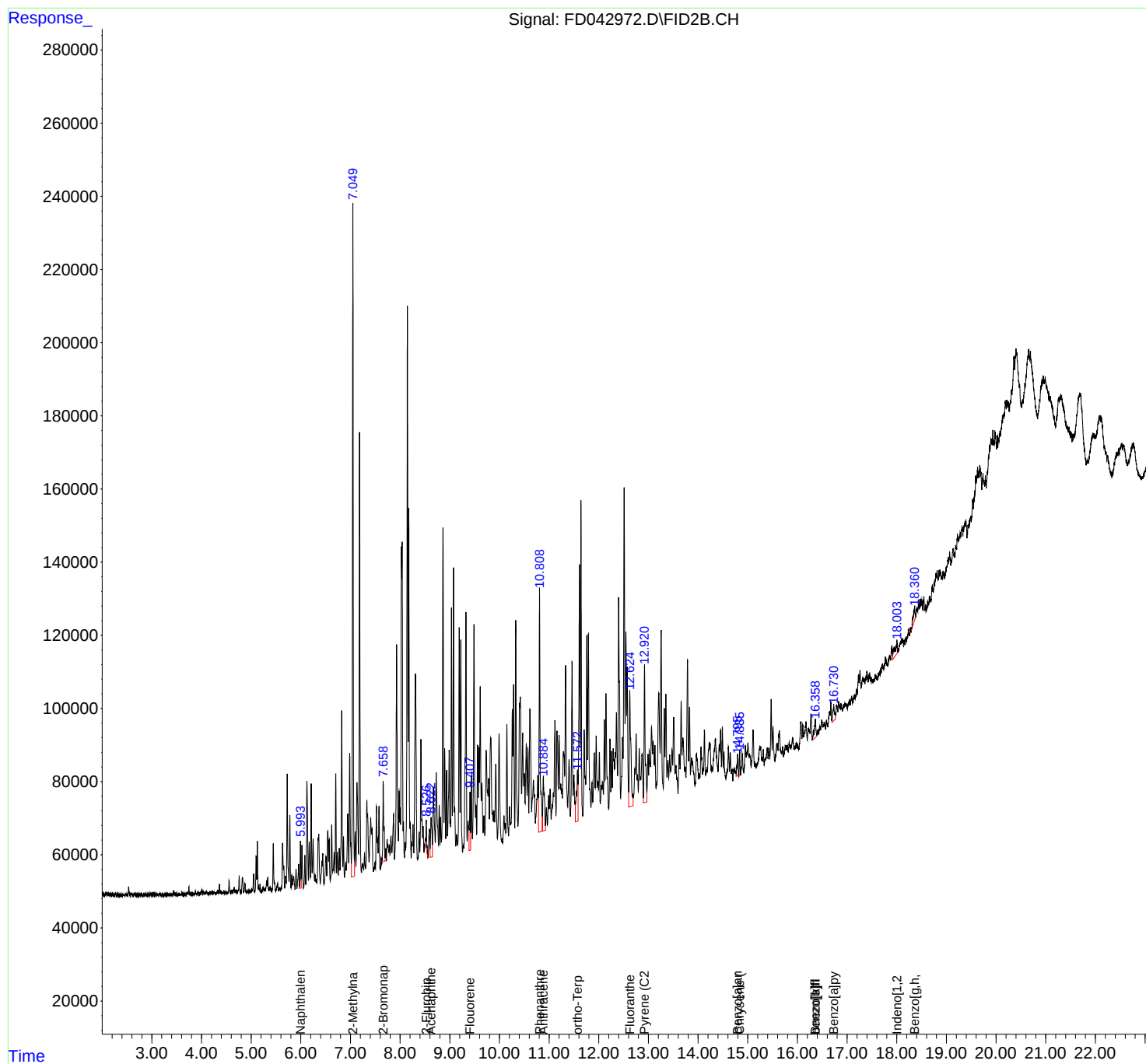
(m)=manual int.

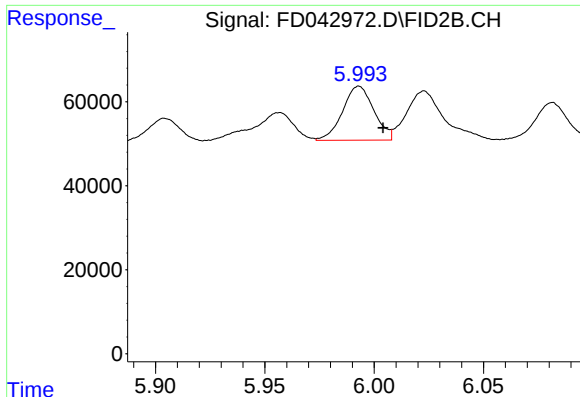
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Misc :  
ALS Vial : 57 Sample Multiplier: 1

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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

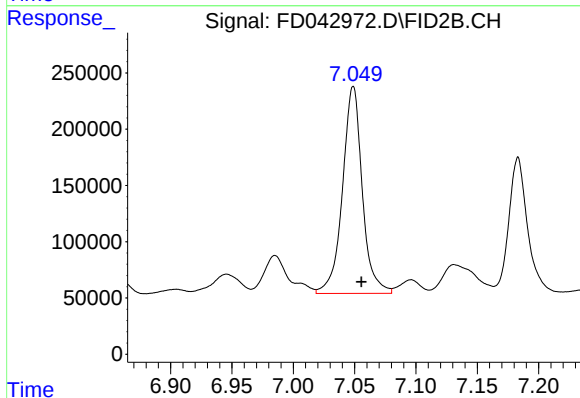




#2 Naphthalene (C11.7)

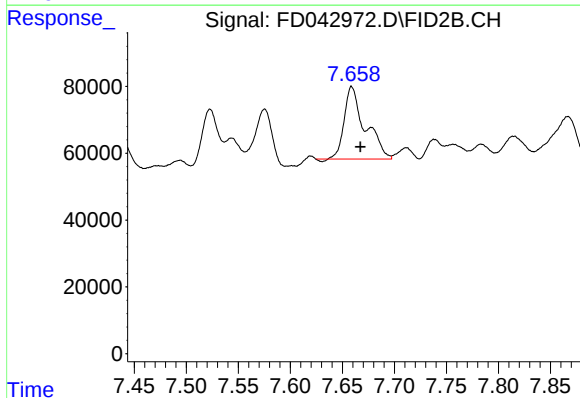
R.T.: 5.993 min  
Delta R.T.: -0.011 min  
Response: 127936  
Conc: 0.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



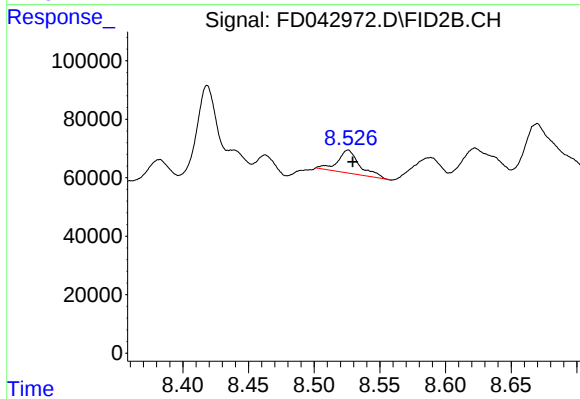
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.049 min  
Delta R.T.: -0.007 min  
Response: 2068229  
Conc: 12.97 ug/ml



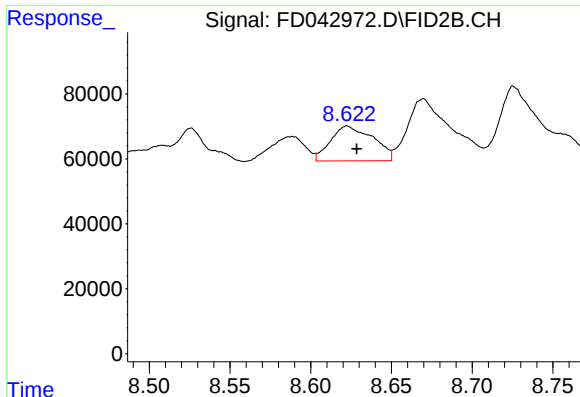
#4 2-Bromonaphthalene (SURR)

R.T.: 7.659 min  
Delta R.T.: -0.008 min  
Response: 300768  
Conc: 1.97 ug/ml



#6 2-Fluorobiphenyl (SURR)

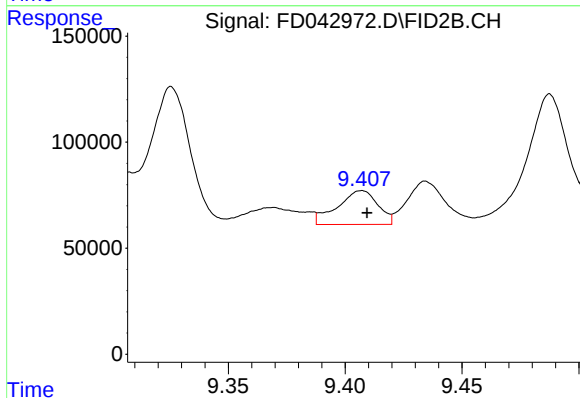
R.T.: 8.526 min  
Delta R.T.: -0.003 min  
Response: 91644  
Conc: 0.89 ug/ml



#7 Acenaphthene (C15.5)

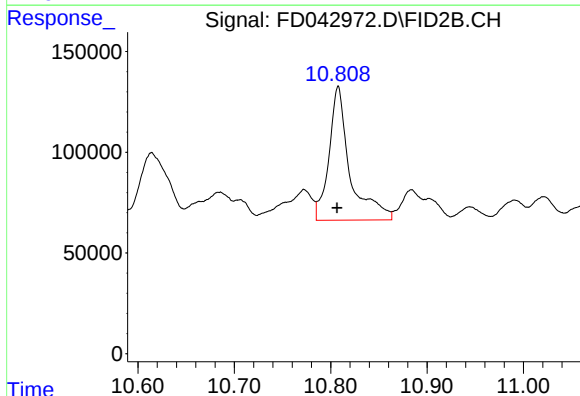
R.T.: 8.623 min  
Delta R.T.: -0.006 min  
Response: 196430  
Conc: 1.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



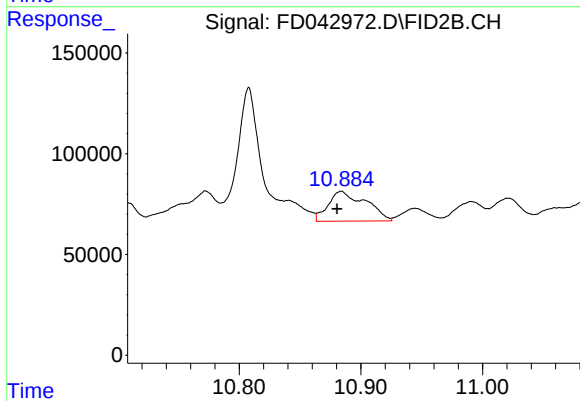
#8 Flouorene (C16.55)

R.T.: 9.407 min  
Delta R.T.: -0.003 min  
Response: 192058  
Conc: 1.14 ug/ml



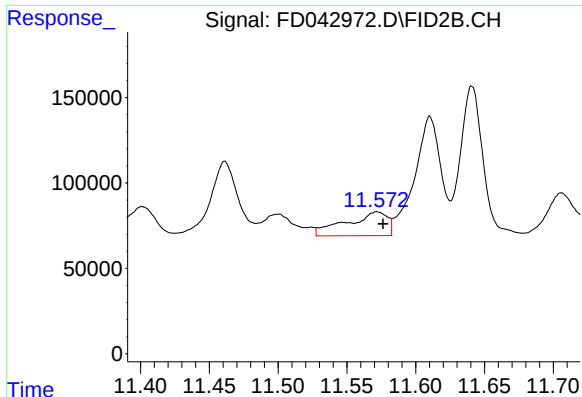
#9 Phenanthrene (C19.36)

R.T.: 10.808 min  
Delta R.T.: 0.001 min  
Response: 1008129  
Conc: 6.13 ug/ml



#10 Anthracene (C19.43)

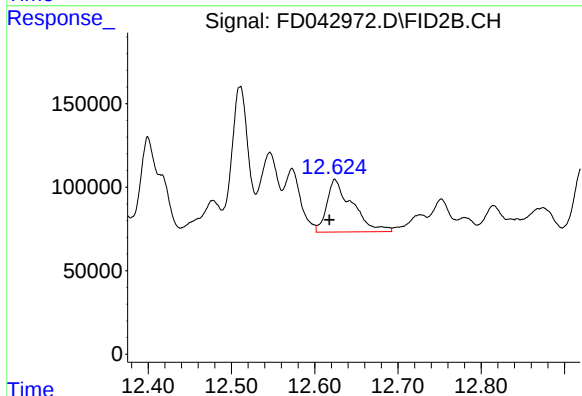
R.T.: 10.884 min  
Delta R.T.: 0.003 min  
Response: 317619  
Conc: 2.08 ug/ml



#11 ortho-Terphenyl (SURR)

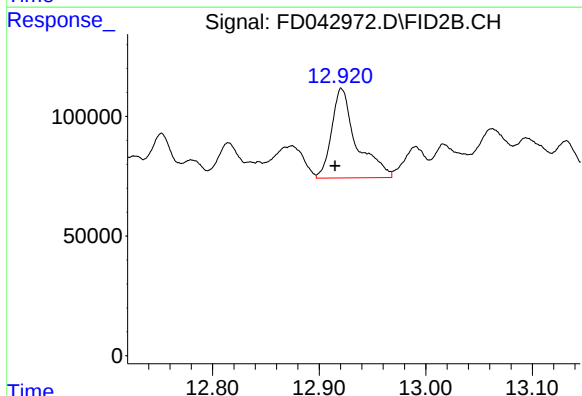
R.T.: 11.572 min  
Delta R.T.: -0.004 min  
Response: 290558  
Conc: 1.64 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



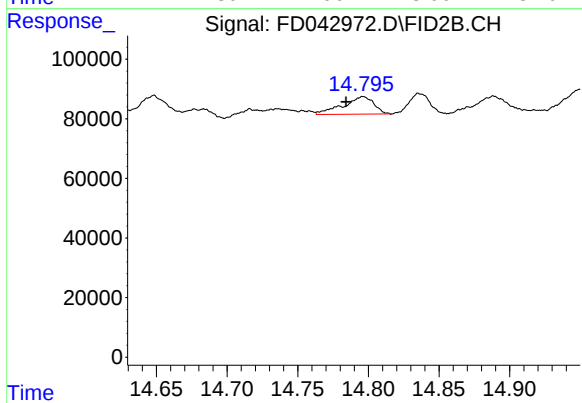
#12 Fluoranthene (C21.85)

R.T.: 12.625 min  
Delta R.T.: 0.007 min  
Response: 669193  
Conc: 4.25 ug/ml



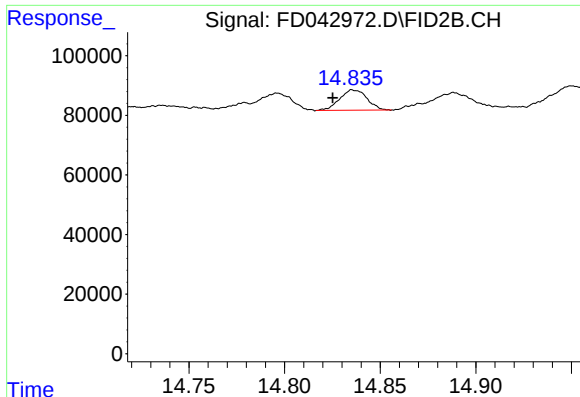
#13 Pyrene (C20.8)

R.T.: 12.921 min  
Delta R.T.: 0.006 min  
Response: 605194  
Conc: 3.89 ug/ml



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

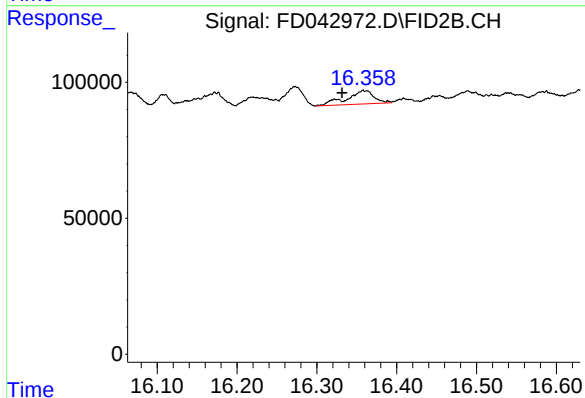
R.T.: 14.796 min  
Delta R.T.: 0.012 min  
Response: 89125  
Conc: 0.67 ug/ml



#15 Chrysene (C27.41)

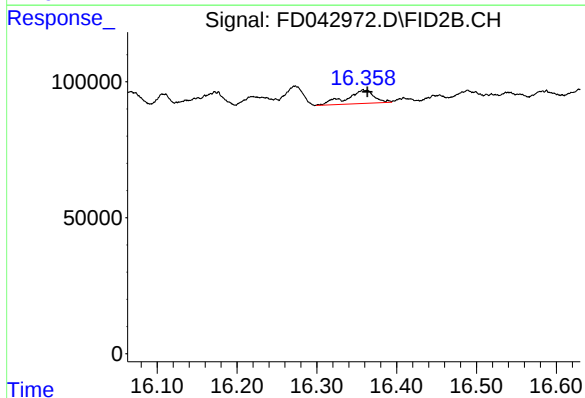
R.T.: 14.836 min  
Delta R.T.: 0.011 min  
Response: 67868  
Conc: 0.51 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



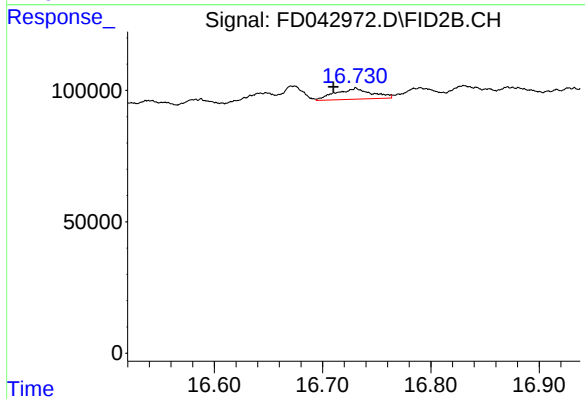
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.360 min  
Delta R.T.: 0.028 min  
Response: 118057  
Conc: 0.89 ug/ml



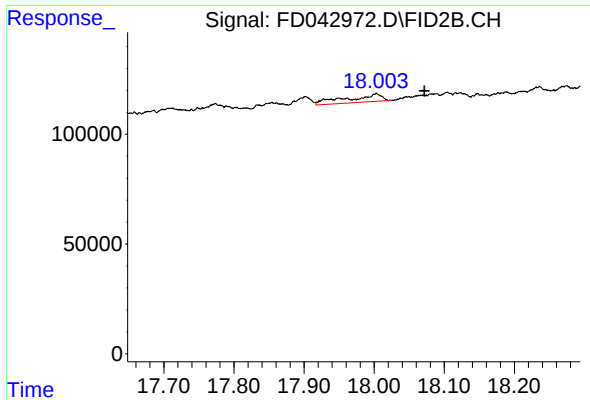
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.360 min  
Delta R.T.: -0.004 min  
Response: 118057  
Conc: 0.95 ug/ml



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

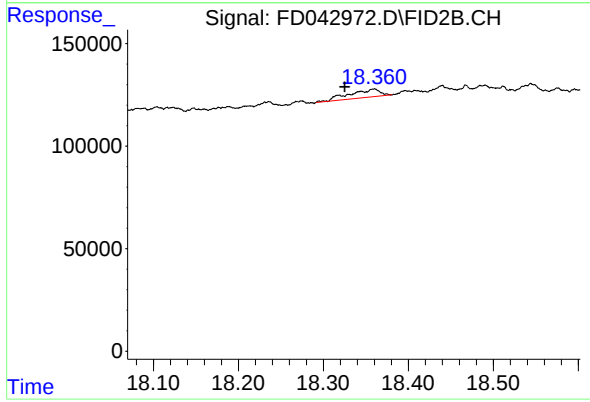
R.T.: 16.731 min  
Delta R.T.: 0.021 min  
Response: 96156  
Conc: 0.78 ug/ml



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

R.T.: 18.003 min  
Delta R.T.: -0.068 min  
Response: 123401  
Conc: 1.11 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



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

R.T.: 18.360 min  
Delta R.T.: 0.034 min  
Response: 97031  
Conc: 0.82 ug/ml