

Data Path : P:\HPCHEM1\FID D\Data\FD030518AR\  
 Data File : FD022374.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Mar 2018 19:27  
 Operator : UA/AJ  
 Sample : J1722-17DL 2X  
 Misc :  
 ALS Vial : 76 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Mar 06 20:18:37 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...      | 7.334  | 3215477    | 38.381 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 76.76%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.192  | 2171250    | 42.946 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 85.89%       |
| 11) S ortho-Terphenyl (SURR)       | 11.219 | 2542435    | 26.790 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 53.58%       |
| Target Compounds                   |        |            |              |
| 2) T Naphthalene (C11.7)           | 5.690  | 81903      | 0.916 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.289  | 101393     | 0.990 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.083  | 36361      | 0.388 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.461 | 626908     | 6.729 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.549 | 149227     | 1.574 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.269 | 1058382    | 10.552 ug/ml |
| 13) T Pyrene (C20.8)               | 12.563 | 886247     | 8.723 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.443 | 532585     | 5.523 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.484 | 621293     | 5.756 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.001 | 742437     | 7.385 ug/ml  |
| 17) T Benzo[k]fluoranthene ...     | 16.035 | 294675     | 2.597 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.385 | 578521     | 5.505 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.772 | 403257     | 4.233 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.809 | 111256     | 0.979 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.022 | 278721     | 2.684 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

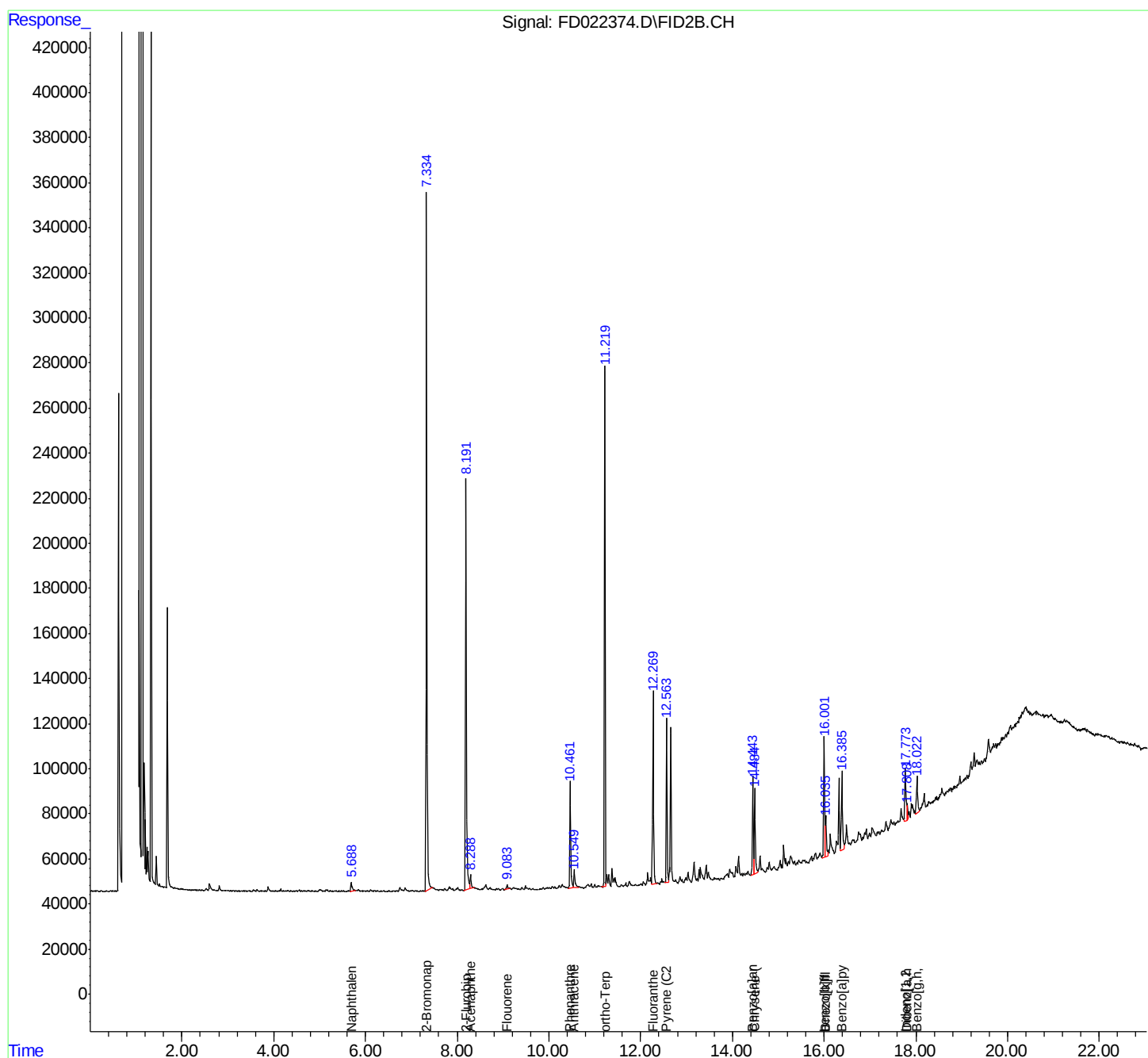
(m)=manual int.

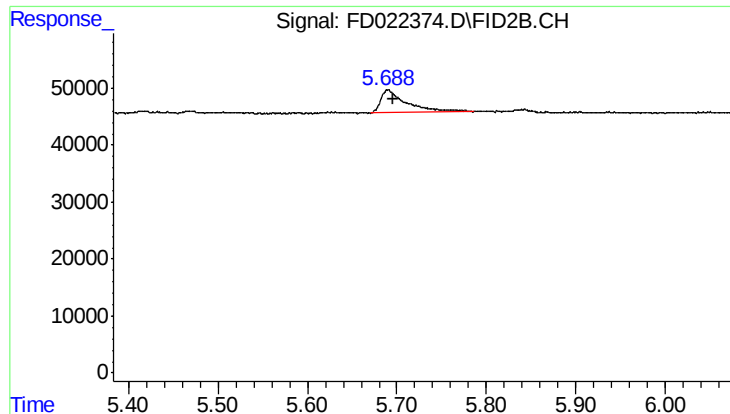
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Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 022018.M  
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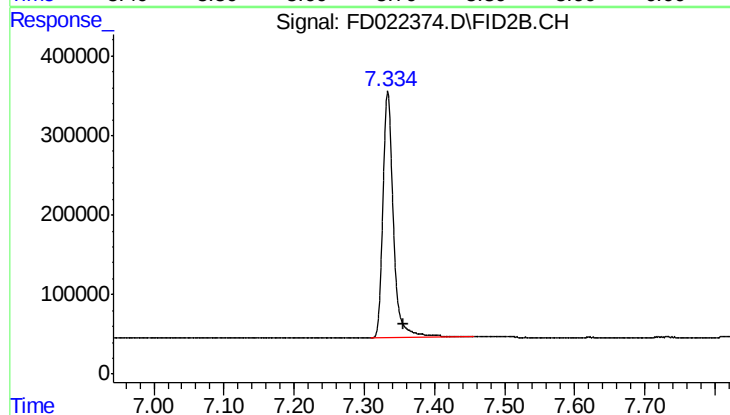




#2 Naphthalene (C11.7)

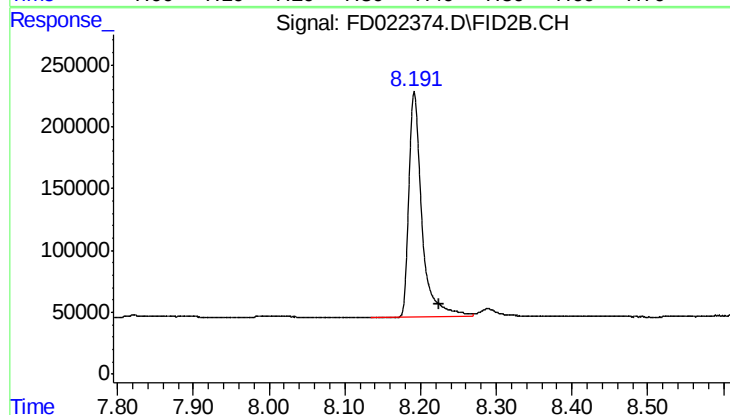
R.T.: 5.690 min  
Delta R.T.: -0.006 min  
Response: 81903  
Conc: 0.92 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



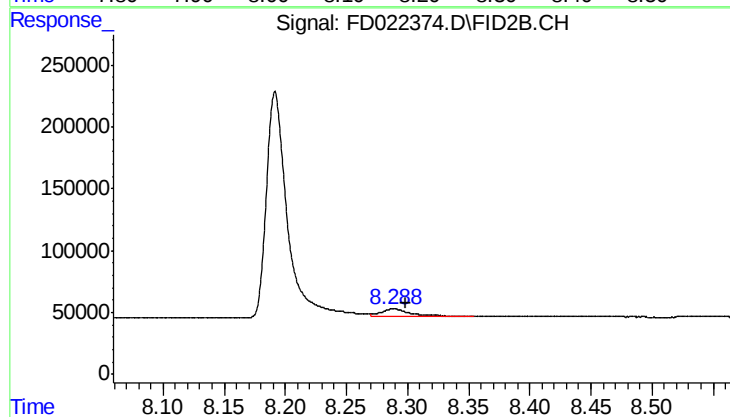
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min  
Delta R.T.: -0.022 min  
Response: 3215477  
Conc: 38.38 ug/ml



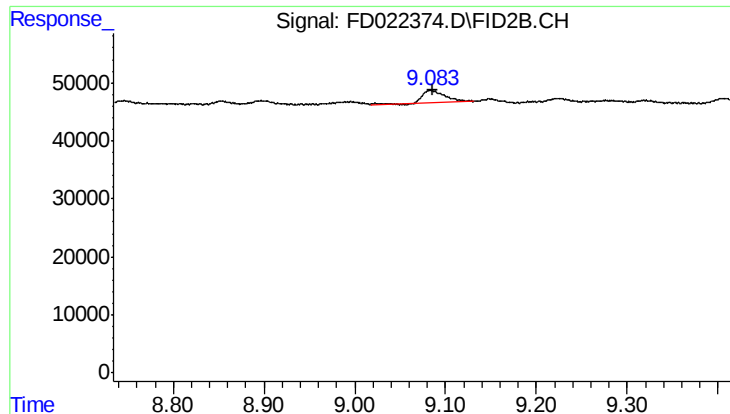
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.192 min  
Delta R.T.: -0.033 min  
Response: 2171250  
Conc: 42.95 ug/ml



#7 Acenaphthene (C15.5)

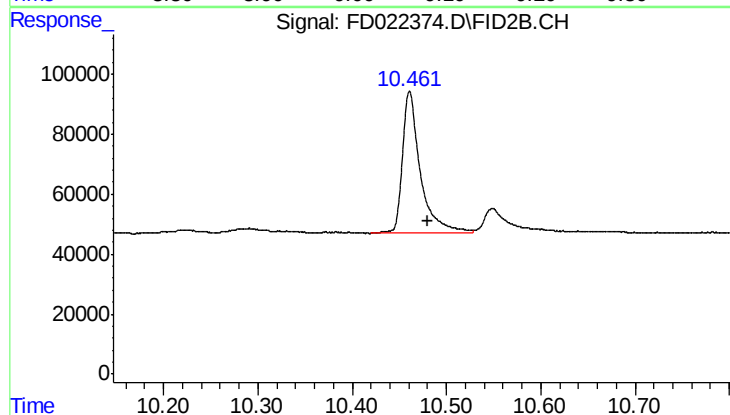
R.T.: 8.289 min  
Delta R.T.: -0.010 min  
Response: 101393  
Conc: 0.99 ug/ml



#8 Flouorene (C16.55)

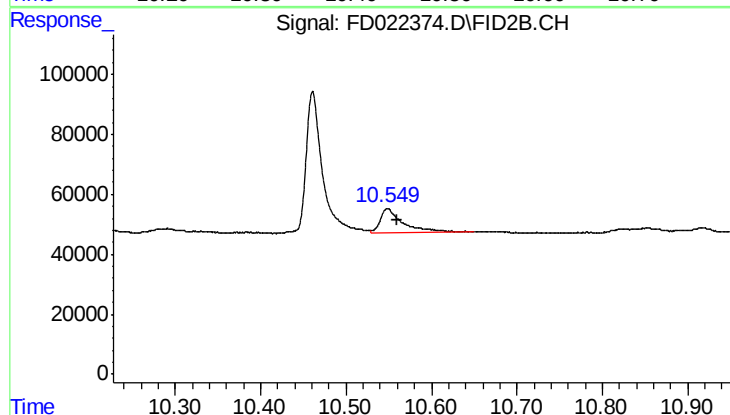
R.T.: 9.083 min  
Delta R.T.: -0.003 min  
Response: 36361  
Conc: 0.39 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



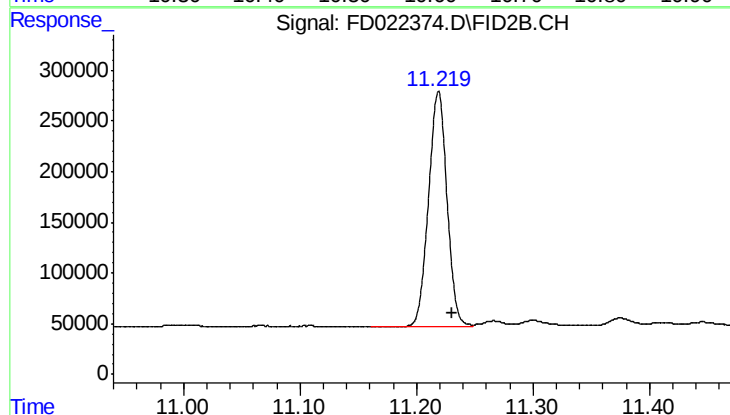
#9 Phenanthrene (C19.36)

R.T.: 10.461 min  
Delta R.T.: -0.019 min  
Response: 626908  
Conc: 6.73 ug/ml



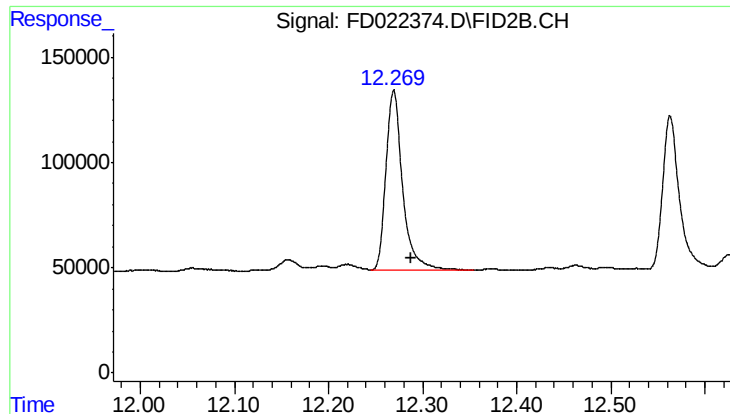
#10 Anthracene (C19.43)

R.T.: 10.549 min  
Delta R.T.: -0.011 min  
Response: 149227  
Conc: 1.57 ug/ml



#11 ortho-Terphenyl (SURR)

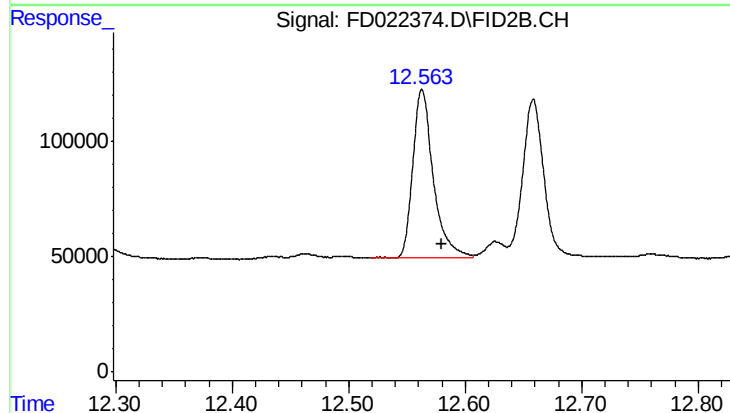
R.T.: 11.219 min  
Delta R.T.: -0.011 min  
Response: 2542435  
Conc: 26.79 ug/ml



#12 Fluoranthene (C21.85)

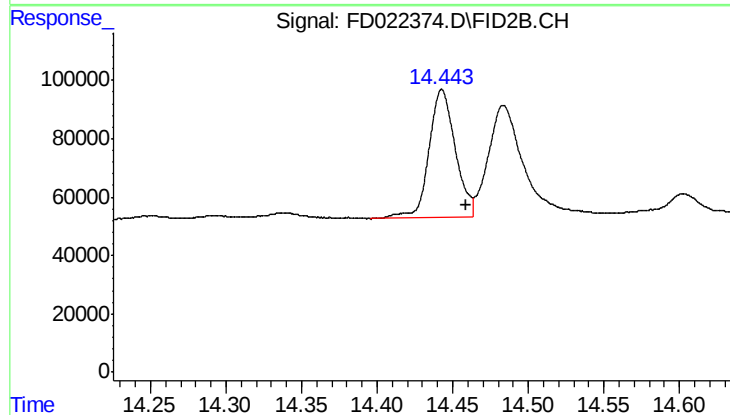
R.T.: 12.269 min  
Delta R.T.: -0.018 min  
Response: 1058382  
Conc: 10.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



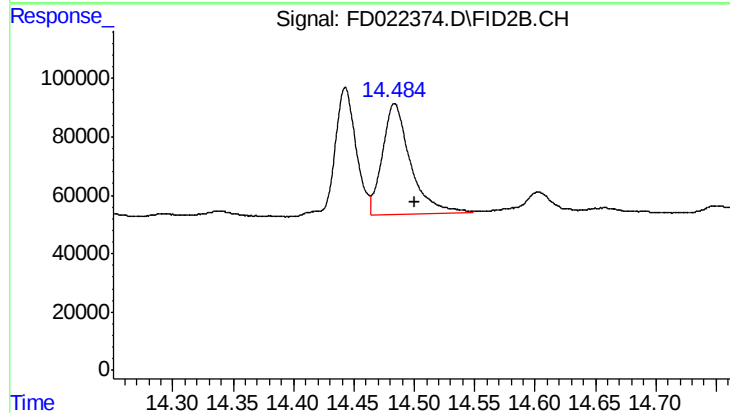
#13 Pyrene (C20.8)

R.T.: 12.563 min  
Delta R.T.: -0.017 min  
Response: 886247  
Conc: 8.72 ug/ml



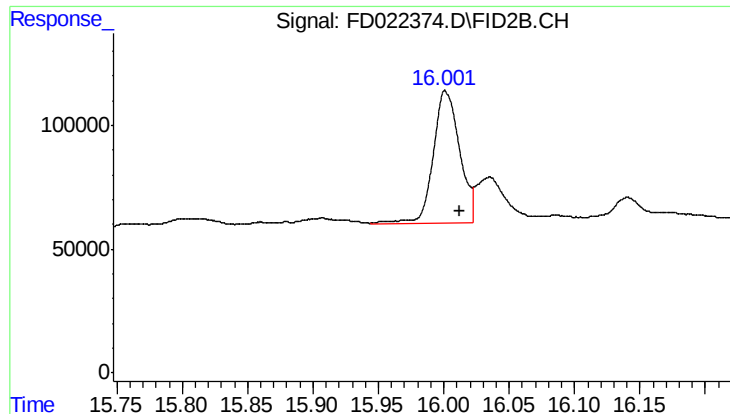
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min  
Delta R.T.: -0.016 min  
Response: 532585  
Conc: 5.52 ug/ml



#15 Chrysene (C27.41)

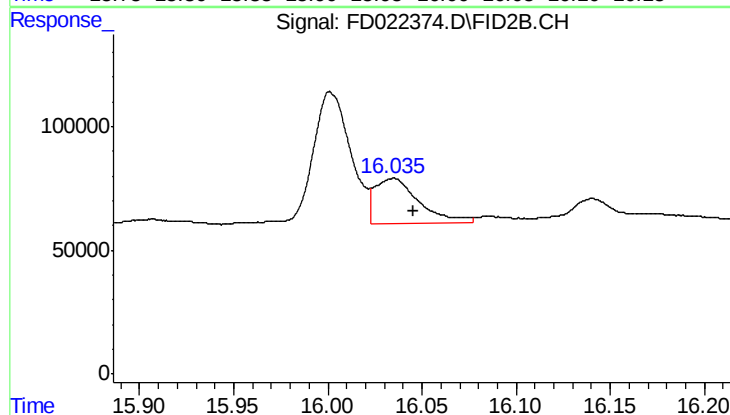
R.T.: 14.484 min  
Delta R.T.: -0.017 min  
Response: 621293  
Conc: 5.76 ug/ml



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

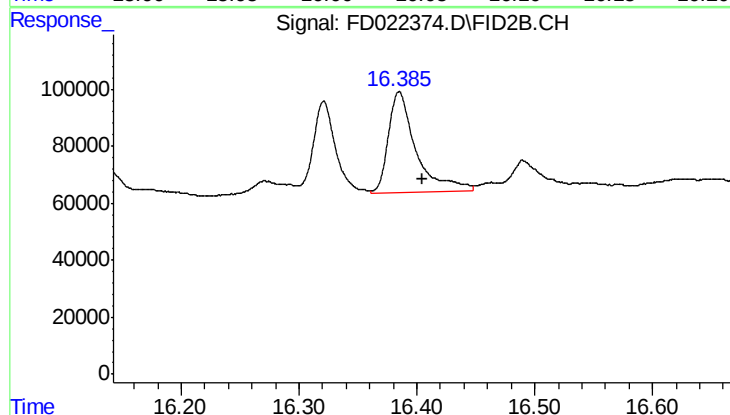
R.T.: 16.001 min  
Delta R.T.: -0.011 min  
Response: 742437  
Conc: 7.39 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



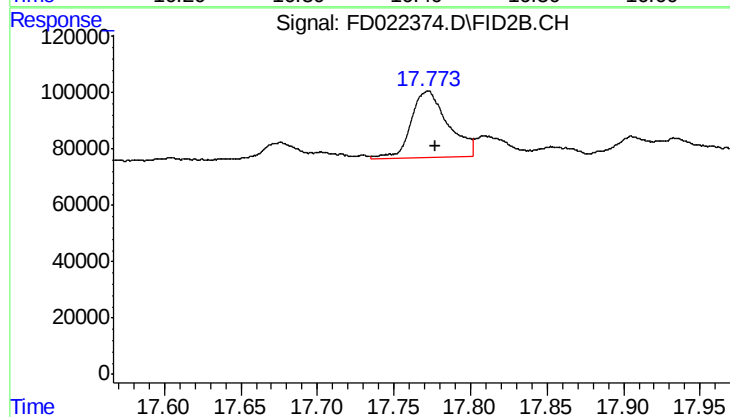
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.035 min  
Delta R.T.: -0.011 min  
Response: 294675  
Conc: 2.60 ug/ml



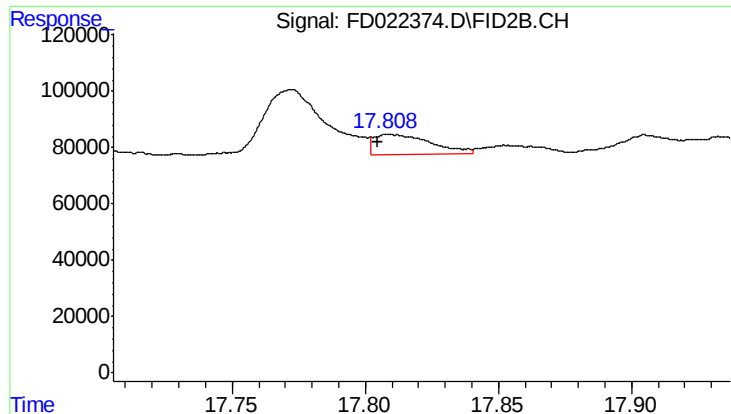
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min  
Delta R.T.: -0.019 min  
Response: 578521  
Conc: 5.50 ug/ml



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

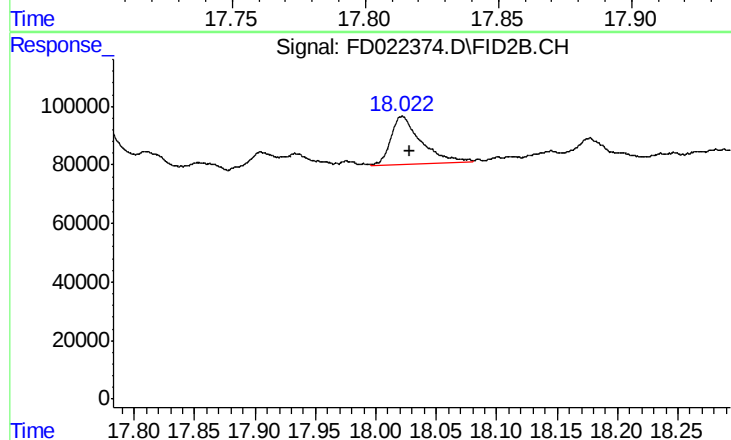
R.T.: 17.772 min  
Delta R.T.: -0.005 min  
Response: 403257  
Conc: 4.23 ug/ml



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

R.T.: 17.809 min  
Delta R.T.: 0.005 min  
Response: 111256  
Conc: 0.98 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



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

R.T.: 18.022 min  
Delta R.T.: -0.006 min  
Response: 278721  
Conc: 2.68 ug/ml