

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052223AR\  
 Data File : FD045727.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 May 2023 08:35  
 Operator : YP/AJ  
 Sample : 02837-01D  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 23 15:09:26 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 050523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 05 18:09:33 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...      | 7.564  | 50135384   | 293.924 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 587.85%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.430  | 63175373   | 549.474 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 1098.95%#     |
| 11) S ortho-Terphenyl (SURR)       | 11.417 | 50047034   | 237.054 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 474.11%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.348  | 1062337    | 5.691 ug/ml   |
| 2) T Naphthalene (C11.7)           | 5.849  | 9549524    | 48.549 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.949  | 28346178   | 143.492 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.202  | 23573166   | 131.206 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.518  | 52814757   | 277.536 ug/ml |
| 8) T Flouorene (C16.55)            | 9.287  | 39492749   | 209.407 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.684 | 57277909   | 308.154 ug/ml |
| 10) T Anthracene (C19.43)          | 10.752 | 43721790   | 244.567 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.461 | 63378555   | 351.328 ug/ml |
| 13) T Pyrene (C20.8)               | 12.752 | 28293085   | 161.435 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.618 | 5784336    | 36.341 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.653 | 4456017    | 27.442 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.206 | 164667     | 1.118 ug/ml   |
| 17) T Bnezo[k]fluoranthene ...     | 16.206 | 164667     | 1.139 ug/ml   |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.899 | 199817     | 1.573 ug/ml   |
| 20) T Dibenz[a,h]anthracene...     | 17.968 | 359710     | 2.801 ug/ml   |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

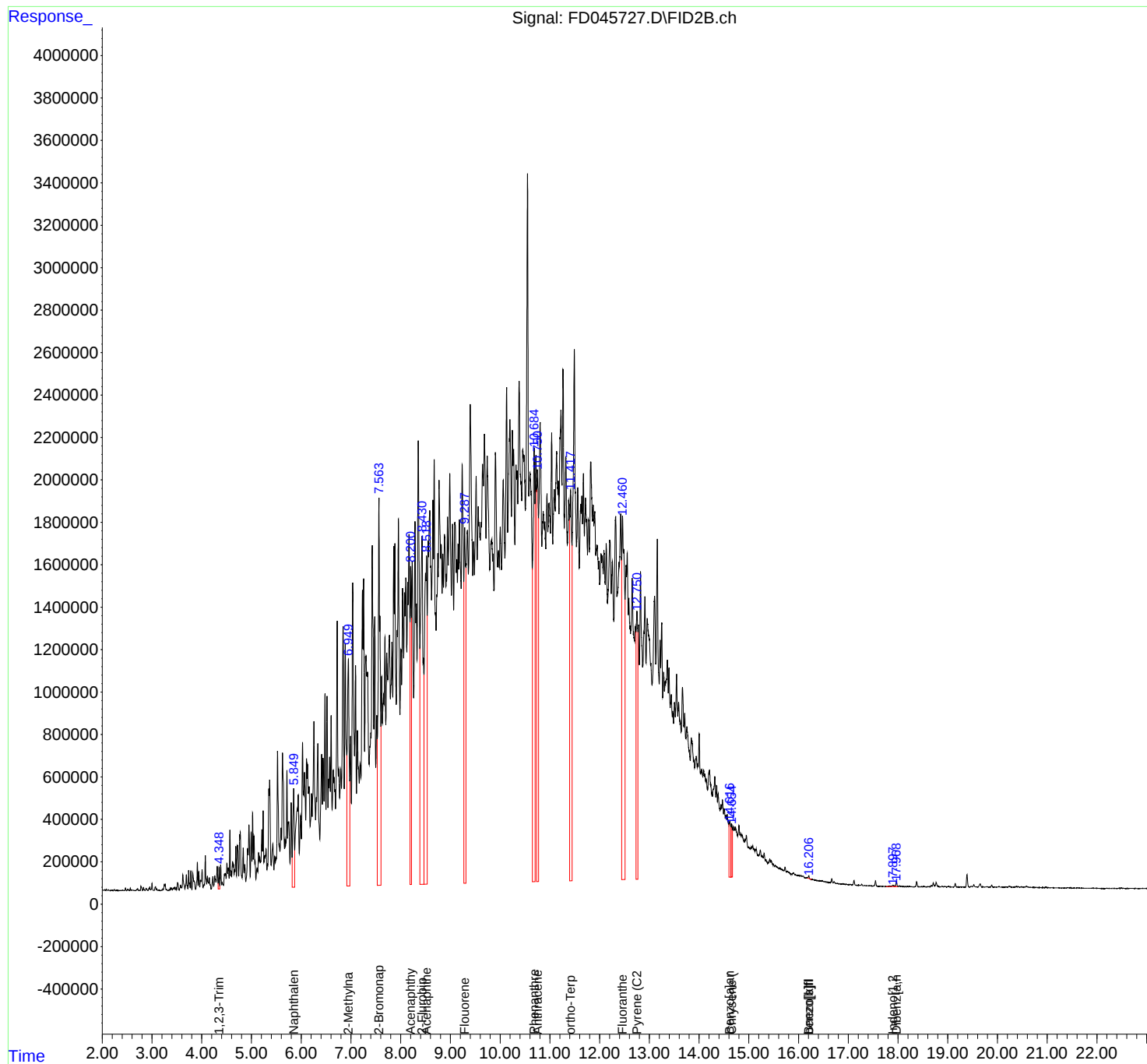
(m)=manual int.

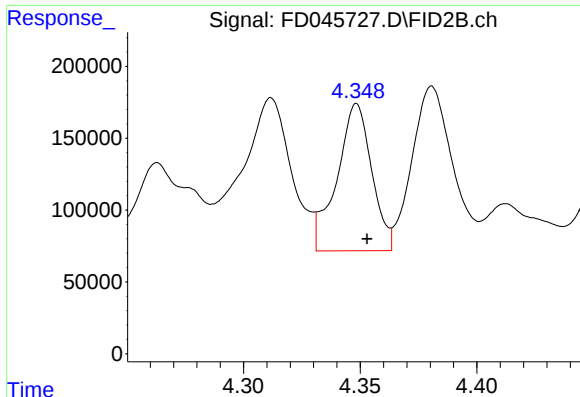
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

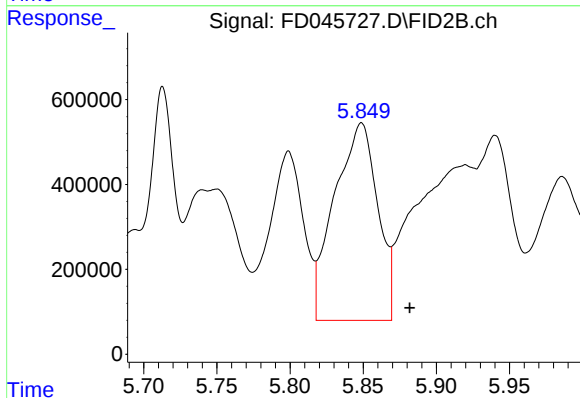




#1 1,2,3-Trimethylbenzene (C10.1)

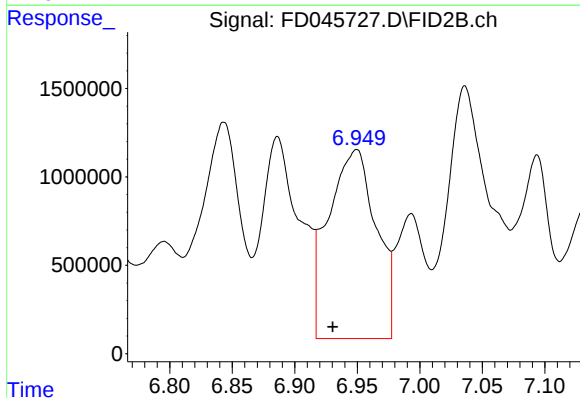
R.T.: 4.348 min  
Delta R.T.: -0.005 min  
Response: 1062337  
Conc: 5.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



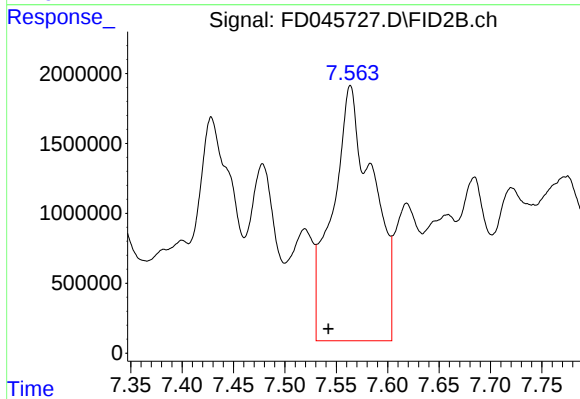
#2 Naphthalene (C11.7)

R.T.: 5.849 min  
Delta R.T.: -0.033 min  
Response: 9549524  
Conc: 48.55 ug/ml



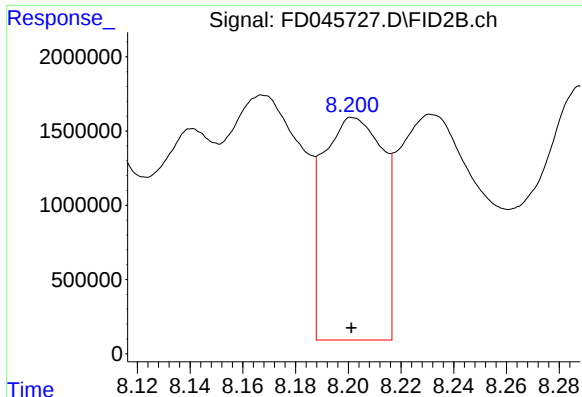
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.949 min  
Delta R.T.: 0.019 min  
Response: 28346178  
Conc: 143.49 ug/ml



#4 2-Bromonaphthalene (SURR)

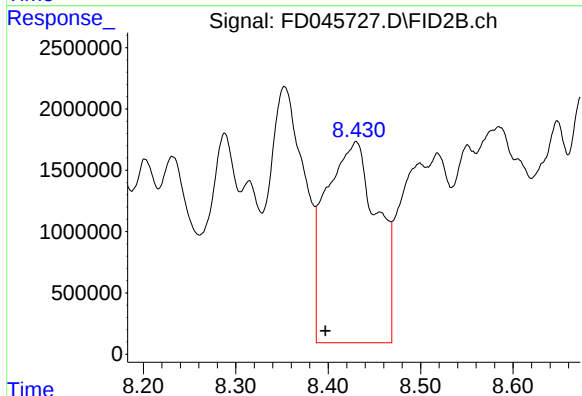
R.T.: 7.564 min  
Delta R.T.: 0.021 min  
Response: 50135384  
Conc: 293.92 ug/ml



#5 Acenaphthylene (C15.06)

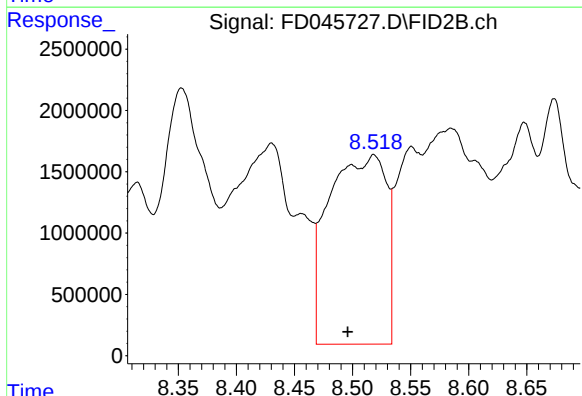
R.T.: 8.202 min  
Delta R.T.: 0.001 min  
Response: 23573166  
Conc: 131.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



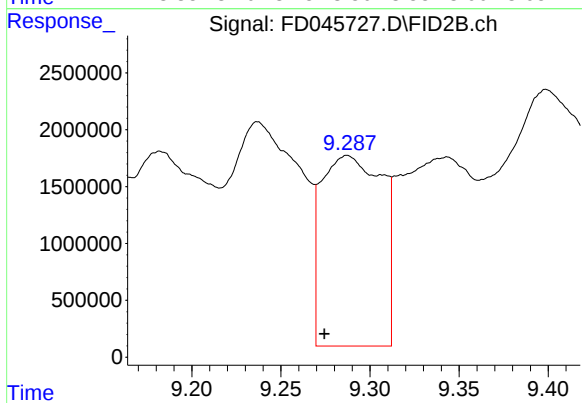
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.430 min  
Delta R.T.: 0.033 min  
Response: 63175373  
Conc: 549.47 ug/ml



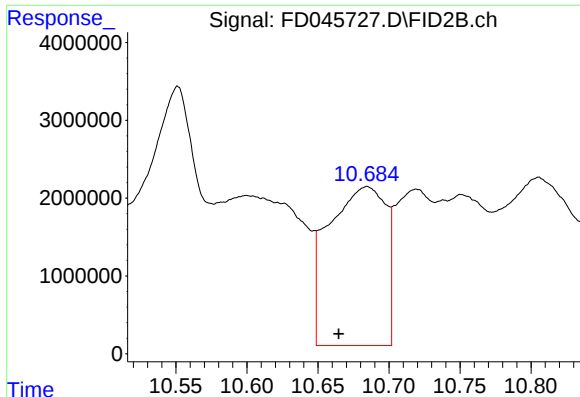
#7 Acenaphthene (C15.5)

R.T.: 8.518 min  
Delta R.T.: 0.022 min  
Response: 52814757  
Conc: 277.54 ug/ml



#8 Flouorene (C16.55)

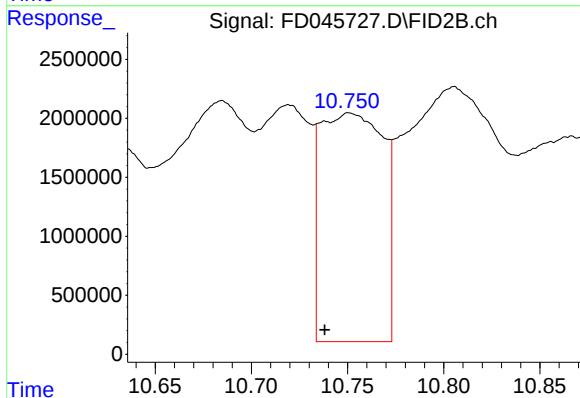
R.T.: 9.287 min  
Delta R.T.: 0.013 min  
Response: 39492749  
Conc: 209.41 ug/ml



#9 Phenanthrene (C19.36)

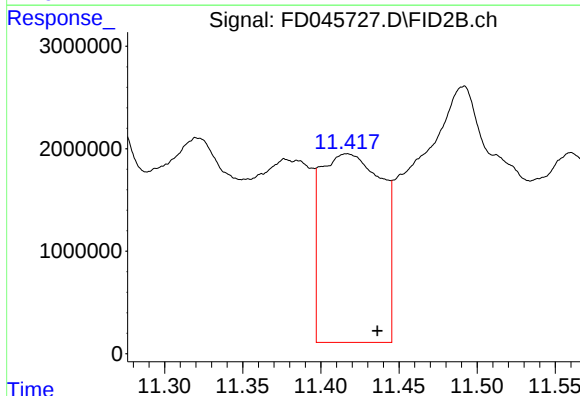
R.T.: 10.684 min  
Delta R.T.: 0.020 min  
Response: 57277909  
Conc: 308.15 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



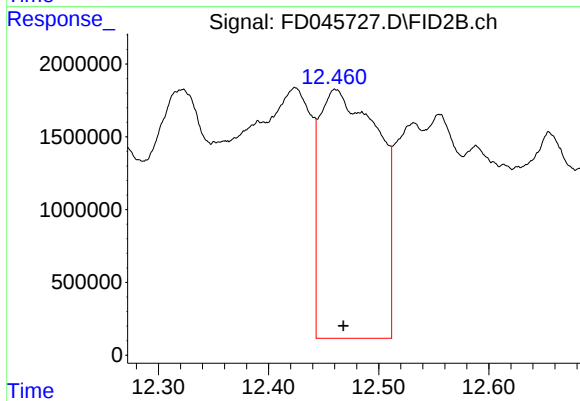
#10 Anthracene (C19.43)

R.T.: 10.752 min  
Delta R.T.: 0.013 min  
Response: 43721790  
Conc: 244.57 ug/ml



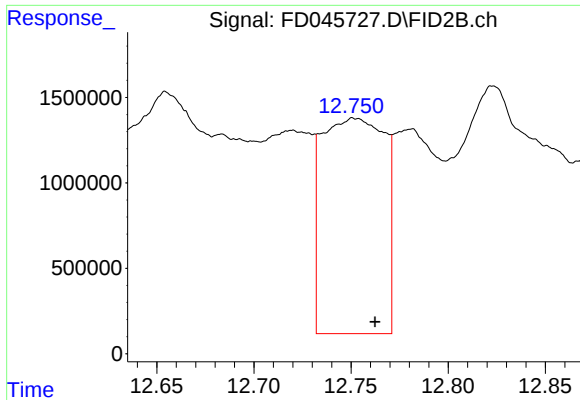
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min  
Delta R.T.: -0.019 min  
Response: 50047034  
Conc: 237.05 ug/ml



#12 Fluoranthene (C21.85)

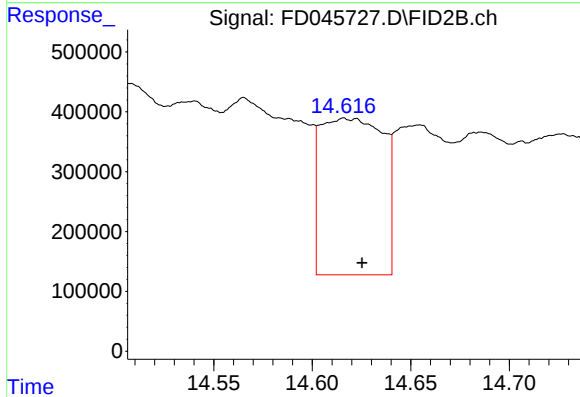
R.T.: 12.461 min  
Delta R.T.: -0.007 min  
Response: 63378555  
Conc: 351.33 ug/ml



#13 Pyrene (C20.8)

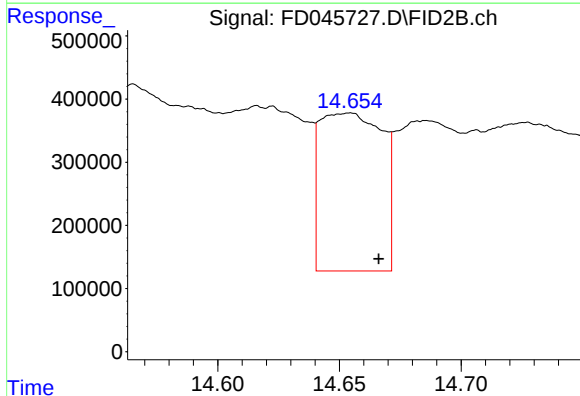
R.T.: 12.752 min  
Delta R.T.: -0.010 min  
Response: 28293085  
Conc: 161.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



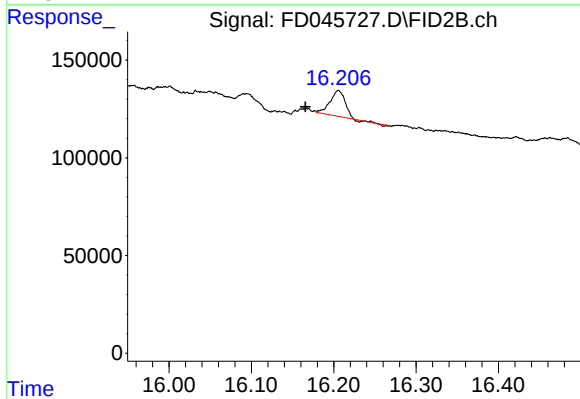
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.618 min  
Delta R.T.: -0.007 min  
Response: 5784336  
Conc: 36.34 ug/ml



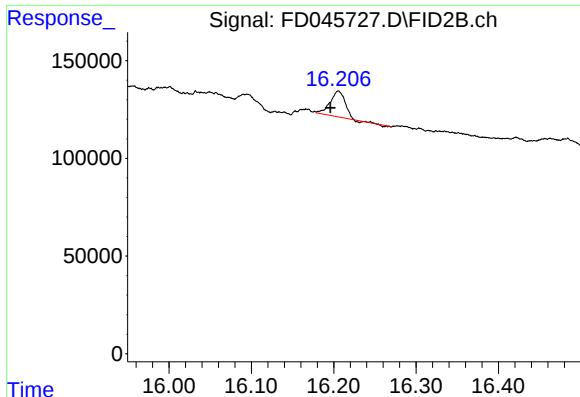
#15 Chrysene (C27.41)

R.T.: 14.653 min  
Delta R.T.: -0.013 min  
Response: 4456017  
Conc: 27.44 ug/ml



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

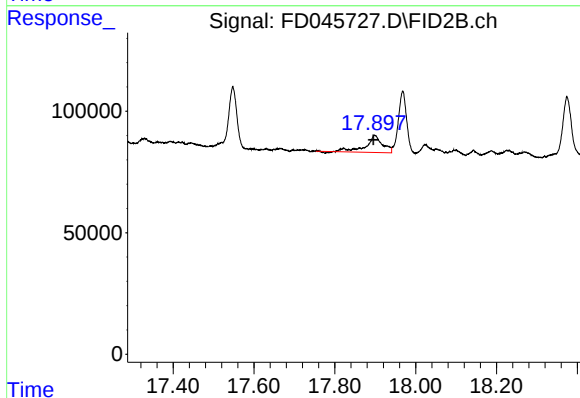
R.T.: 16.206 min  
Delta R.T.: 0.040 min  
Response: 164667  
Conc: 1.12 ug/ml



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

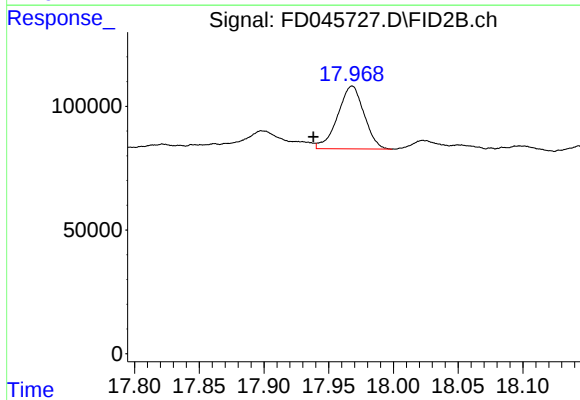
R.T.: 16.206 min  
Delta R.T.: 0.010 min  
Response: 164667  
Conc: 1.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



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

R.T.: 17.899 min  
Delta R.T.: 0.004 min  
Response: 199817  
Conc: 1.57 ug/ml



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

R.T.: 17.968 min  
Delta R.T.: 0.030 min  
Response: 359710  
Conc: 2.80 ug/ml