

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090122AR\  
 Data File : FD043794.D  
 Signal(s) : FID2B.ch  
 Acq On : 01 Sep 2022 14:33  
 Operator : YP/AJ  
 Sample : N3980-09  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 MDL-WATER-03-QT3-2022

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022  
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e  
 Quant Time: Sep 02 01:43:44 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 082322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 25 11:00:10 2022  
 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...      | 7.439  | 7356175    | 42.575 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 85.15%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.291  | 4602386    | 45.752 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 91.50%       |
| 11) S ortho-Terphenyl (SURR)       | 11.328 | 7934829    | 37.927 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 75.85%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.254  | 258694     | 1.299 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.802  | 218908     | 1.089 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.849  | 233536     | 1.294 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.107  | 318554     | 1.594 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.393  | 630717     | 2.934 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.191  | 282595     | 1.474 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.581 | 267163     | 1.486 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.663 | 325985     | 1.676 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.380 | 299545     | 1.643 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.672 | 274039     | 1.468 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.551 | 149590     | 1.045 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.585 | 375999     | 1.948 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.090 | 210146     | 1.456 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.123 | 312388     | 1.816 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.483 | 163997     | 1.129 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.839 | 218637     | 2.114 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.881 | 295628     | 2.101 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.079 | 283376     | 2.226 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
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Misc :  
ALS Vial : 57 Sample Multiplier: 1

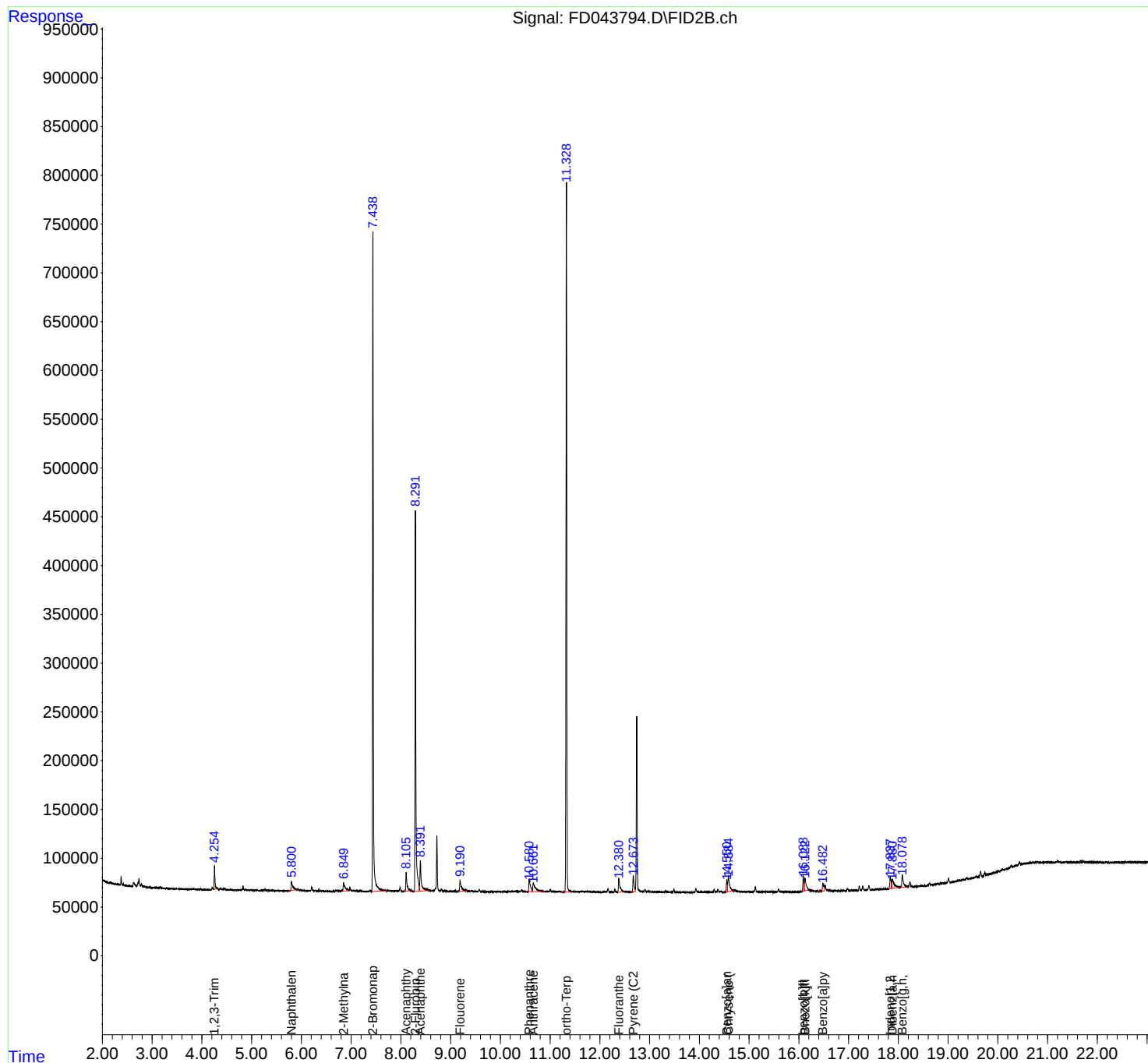
Instrument :  
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MDL-WATER-03-QT3-2022

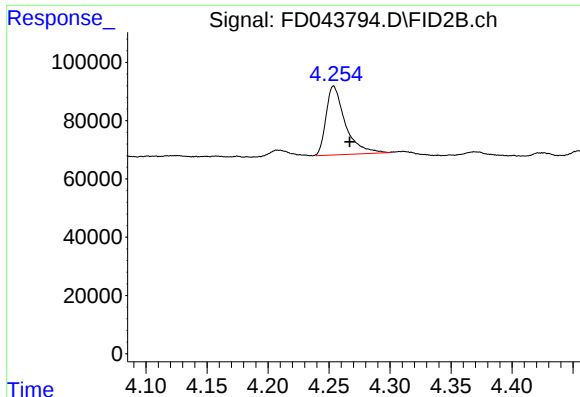
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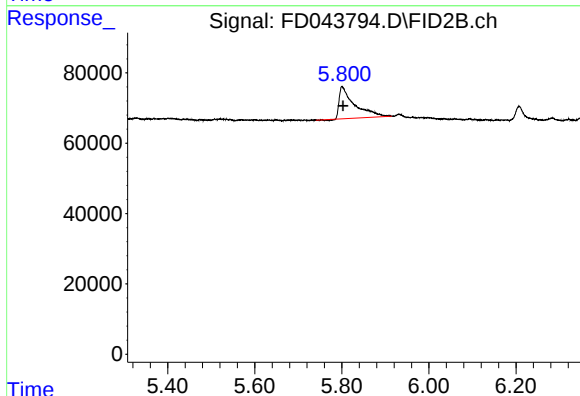
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.254 min  
Delta R.T.: -0.013 min  
Response: 258694  
Conc: 1.30 ug/ml

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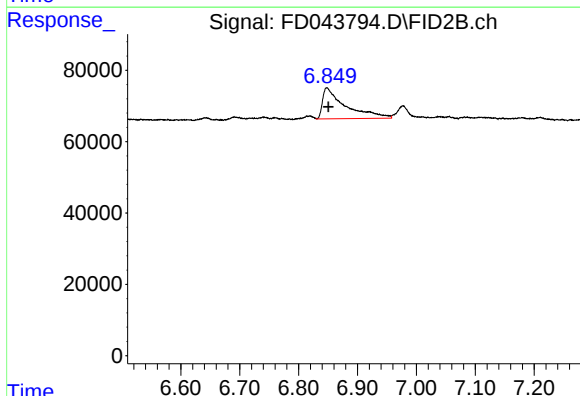
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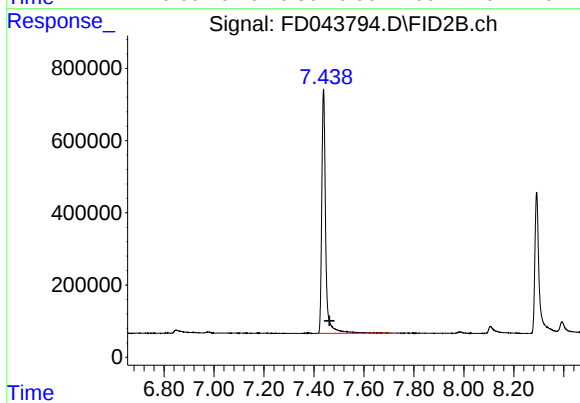
#2 Naphthalene (C11.7)

R.T.: 5.802 min  
Delta R.T.: -0.001 min  
Response: 218908  
Conc: 1.09 ug/ml



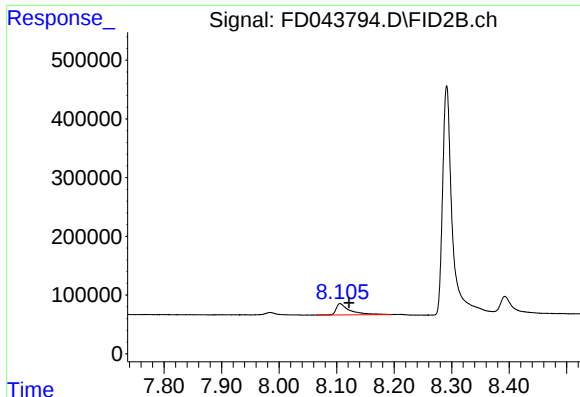
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min  
Delta R.T.: -0.001 min  
Response: 233536  
Conc: 1.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min  
Delta R.T.: -0.024 min  
Response: 7356175  
Conc: 42.58 ug/ml



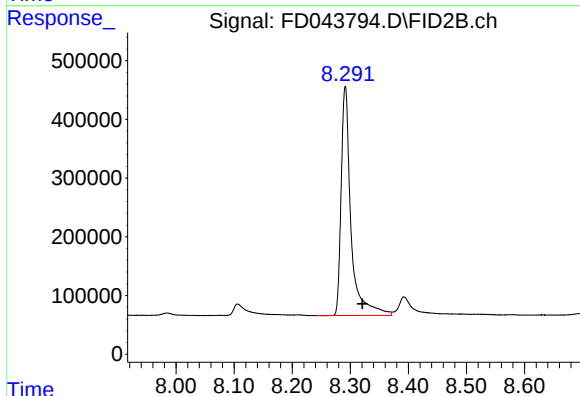
#5 Acenaphthylene (C15.06)

R.T.: 8.107 min  
Delta R.T.: -0.014 min  
Response: 318554  
Conc: 1.59 ug/ml

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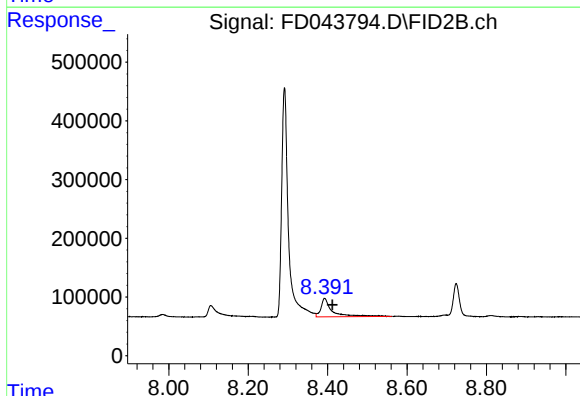
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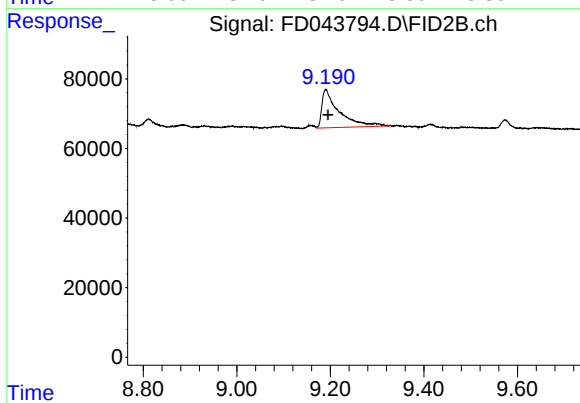
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.291 min  
Delta R.T.: -0.030 min  
Response: 4602386  
Conc: 45.75 ug/ml



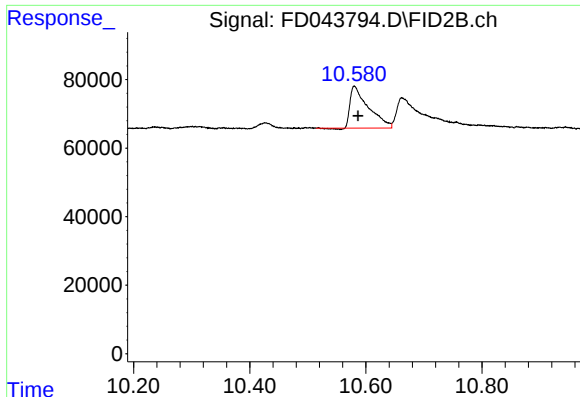
#7 Acenaphthene (C15.5)

R.T.: 8.393 min  
Delta R.T.: -0.020 min  
Response: 630717  
Conc: 2.93 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.191 min  
Delta R.T.: -0.004 min  
Response: 282595  
Conc: 1.47 ug/ml



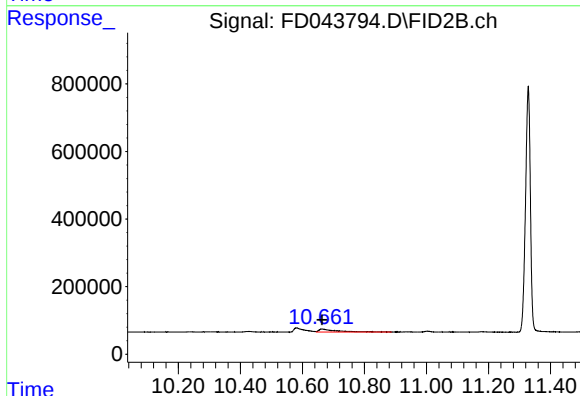
#9 Phenanthrene (C19.36)

R.T.: 10.581 min  
Delta R.T.: -0.006 min  
Response: 267163  
Conc: 1.49 ug/ml

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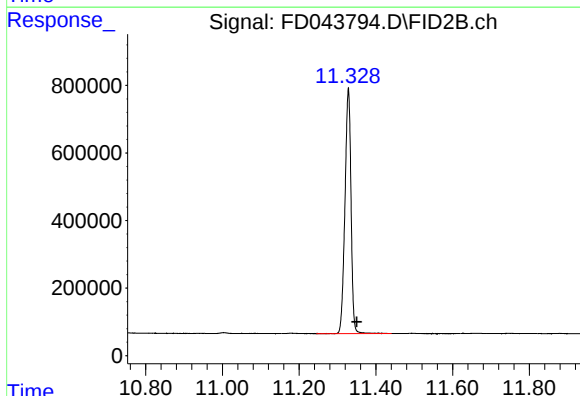
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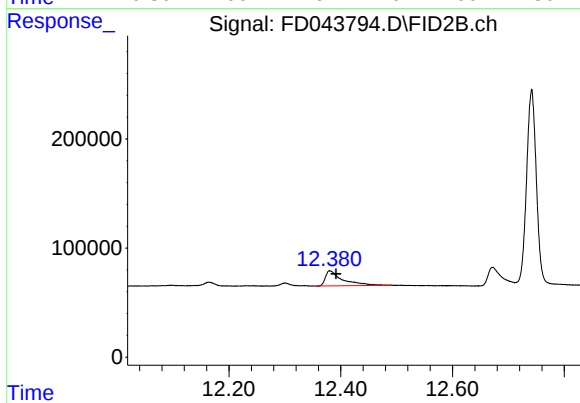
#10 Anthracene (C19.43)

R.T.: 10.663 min  
Delta R.T.: 0.000 min  
Response: 325985  
Conc: 1.68 ug/ml



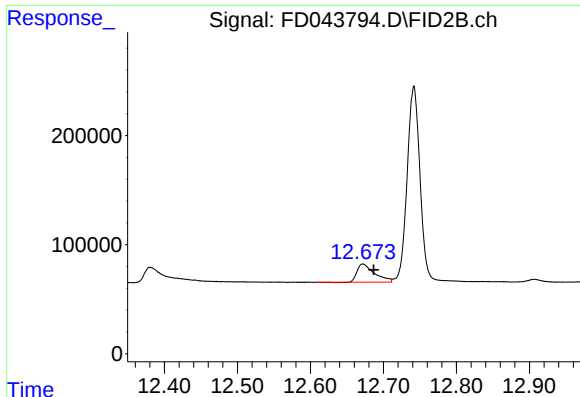
#11 ortho-Terphenyl (SURR)

R.T.: 11.328 min  
Delta R.T.: -0.022 min  
Response: 7934829  
Conc: 37.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.380 min  
Delta R.T.: -0.012 min  
Response: 299545  
Conc: 1.64 ug/ml m



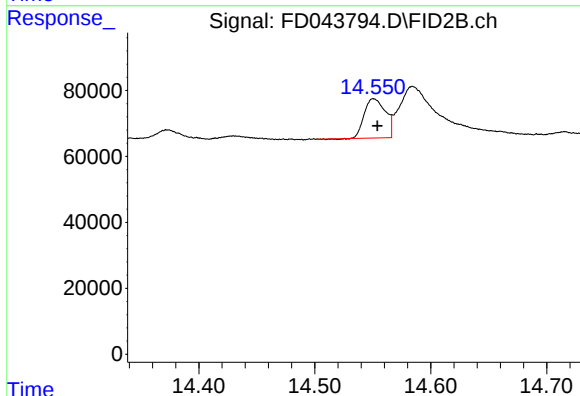
#13 Pyrene (C20.8)

R.T.: 12.672 min  
Delta R.T.: -0.014 min  
Response: 274039  
Conc: 1.47 ug/ml

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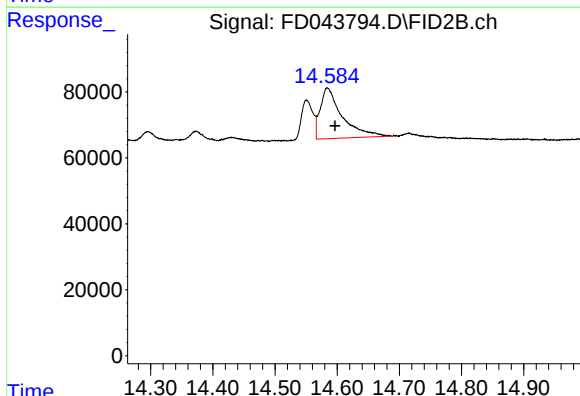
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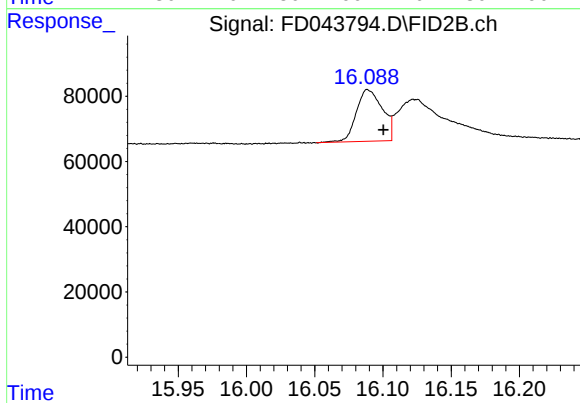
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min  
Delta R.T.: -0.003 min  
Response: 149590  
Conc: 1.05 ug/ml



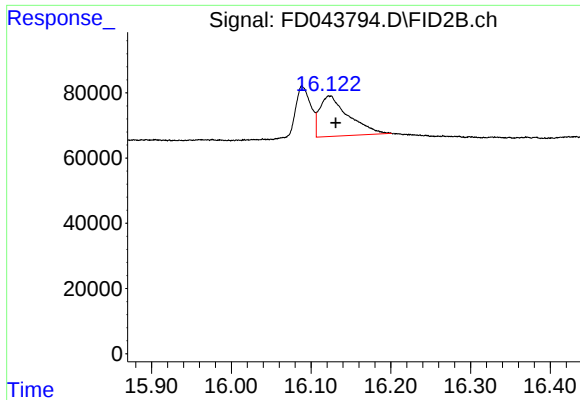
#15 Chrysene (C27.41)

R.T.: 14.585 min  
Delta R.T.: -0.012 min  
Response: 375999  
Conc: 1.95 ug/ml



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

R.T.: 16.090 min  
Delta R.T.: -0.011 min  
Response: 210146  
Conc: 1.46 ug/ml



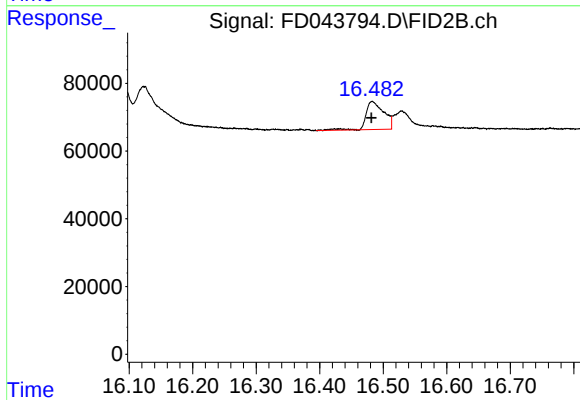
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.123 min  
Delta R.T.: -0.008 min  
Response: 312388  
Conc: 1.82 ug/ml

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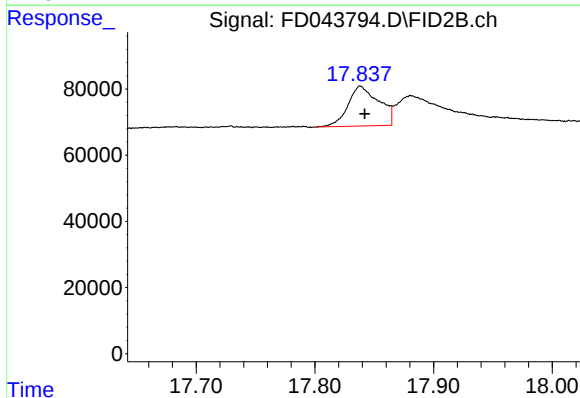
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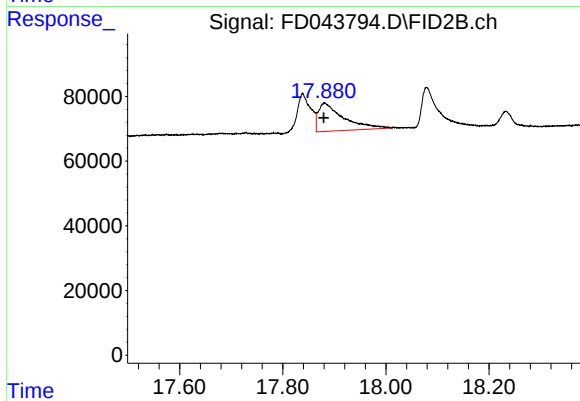
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min  
Delta R.T.: 0.002 min  
Response: 163997  
Conc: 1.13 ug/ml



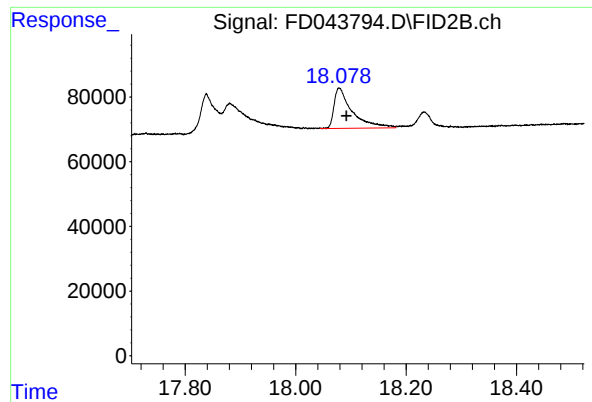
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min  
Delta R.T.: -0.003 min  
Response: 218637  
Conc: 2.11 ug/ml



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

R.T.: 17.881 min  
Delta R.T.: 0.002 min  
Response: 295628  
Conc: 2.10 ug/ml



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

R.T.: 18.079 min  
Delta R.T.: -0.013 min  
Response: 283376  
Conc: 2.23 ug/ml

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