

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050423AR\  
 Data File : FD045583.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 May 2023 11:19  
 Operator : YP/AJ  
 Sample : 02500-17DL 5X  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 05 02:35:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042123.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 24 08:37:21 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...      | 7.545  | 2575473    | 17.814 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.63%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.400  | 1929043    | 20.687 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.37%       |
| 11) S ortho-Terphenyl (SURR)       | 11.439 | 1844806    | 10.308 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 20.62%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.352  | 636497     | 3.799 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.887  | 199985     | 1.169 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.940  | 1845925    | 10.911 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.205  | 852087     | 5.633 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.491  | 1133021    | 6.988 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.273  | 249576     | 1.620 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.666 | 410926     | 2.755 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.753 | 659981     | 5.109 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.432 | 412943     | 2.806 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.762 | 91355      | 0.637 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.675 | 50044      | 0.382 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.675 | 50044      | 0.367 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.198 | 69758      | 0.522 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.198 | 69758      | 0.521 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.900 | 71052      | 0.566 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.943 | 37297      | 0.274 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

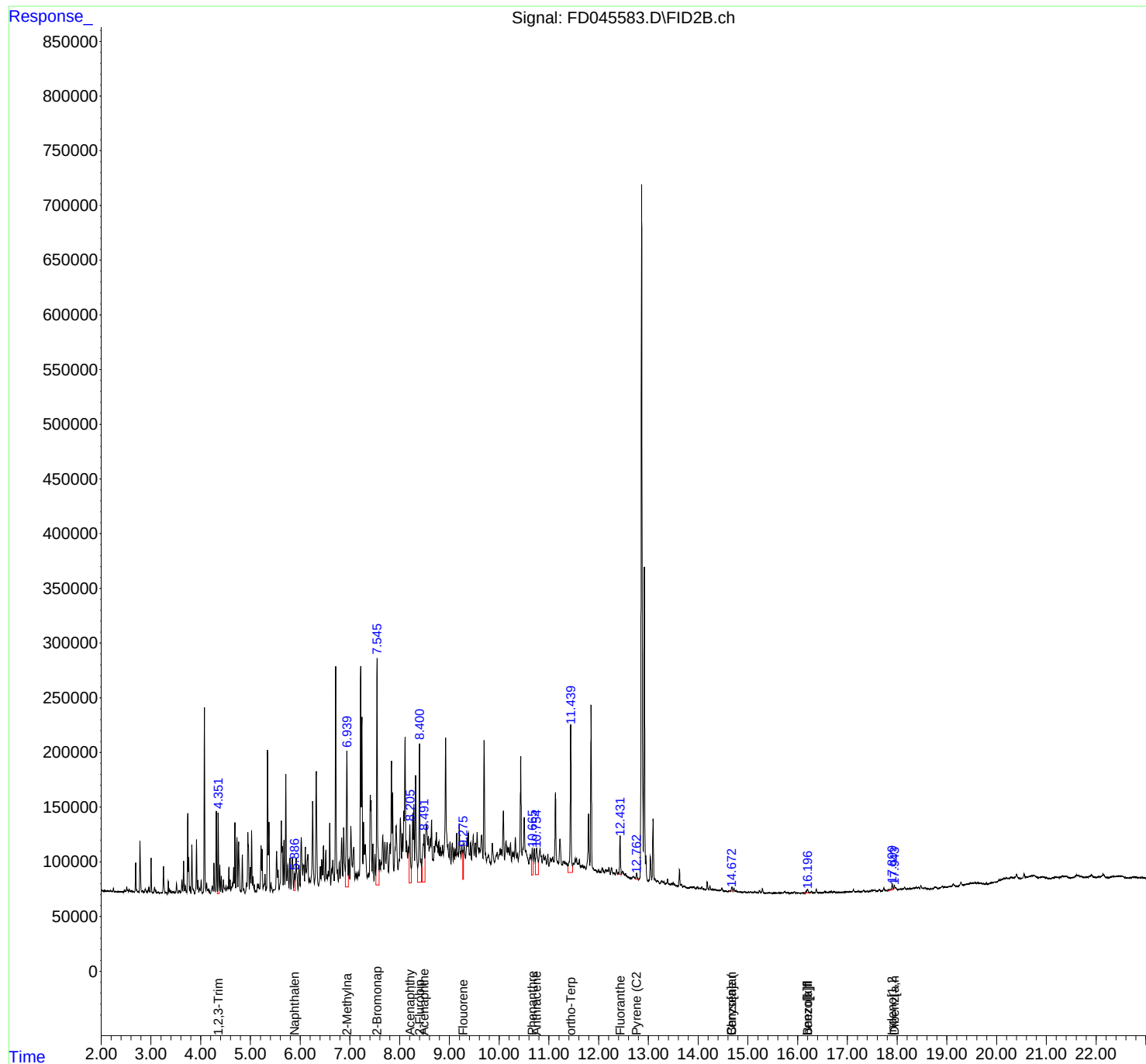
(m)=manual int.

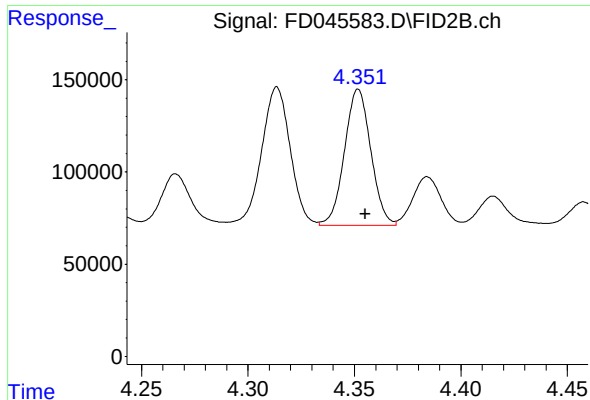
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

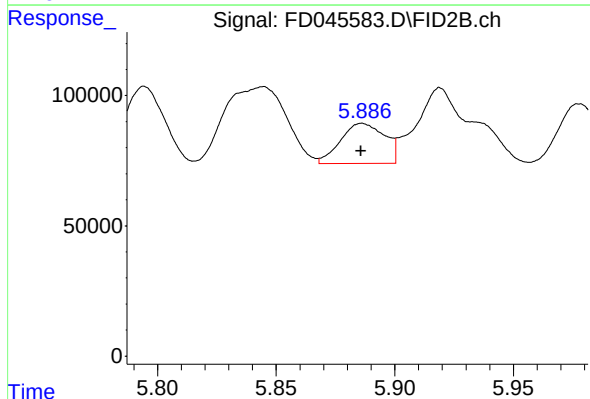




#1 1,2,3-Trimethylbenzene (C10.1)

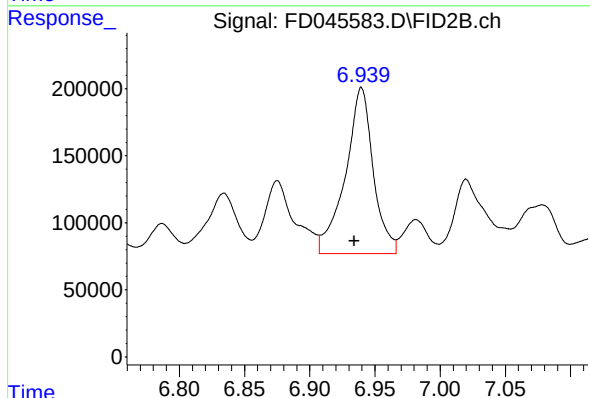
R.T.: 4.352 min  
Delta R.T.: -0.003 min  
Response: 636497  
Conc: 3.80 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



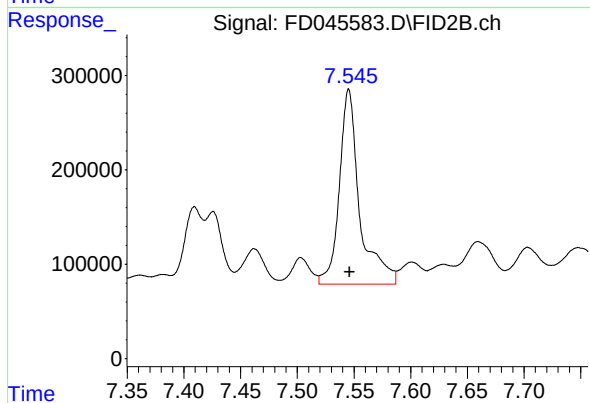
#2 Naphthalene (C11.7)

R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 199985  
Conc: 1.17 ug/ml



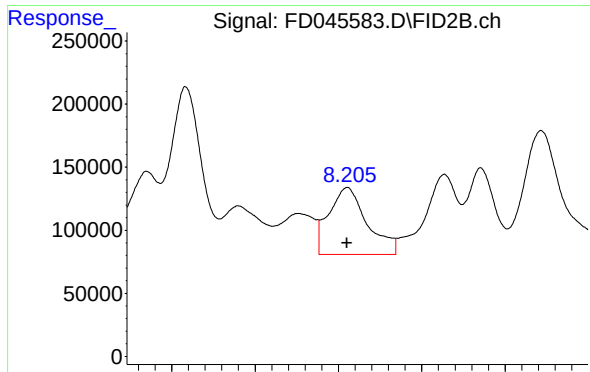
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.940 min  
Delta R.T.: 0.005 min  
Response: 1845925  
Conc: 10.91 ug/ml



#4 2-Bromonaphthalene (SURR)

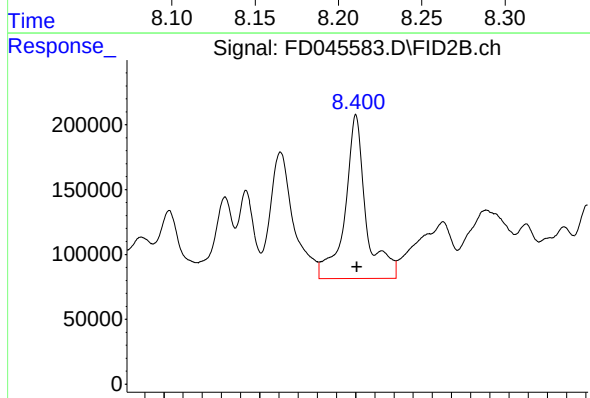
R.T.: 7.545 min  
Delta R.T.: 0.000 min  
Response: 2575473  
Conc: 17.81 ug/ml



#5 Acenaphthylene (C15.06)

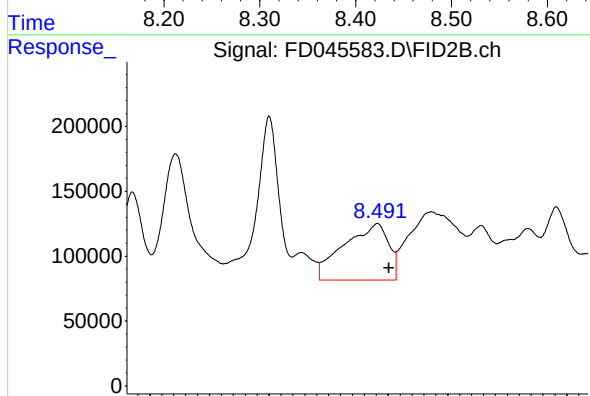
R.T.: 8.205 min  
Delta R.T.: 0.000 min  
Response: 852087  
Conc: 5.63 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



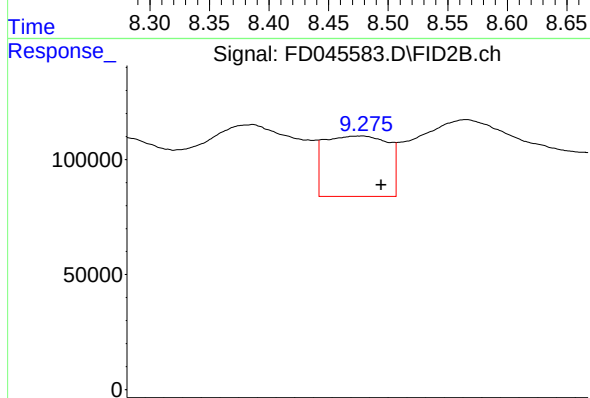
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min  
Delta R.T.: -0.001 min  
Response: 1929043  
Conc: 20.69 ug/ml



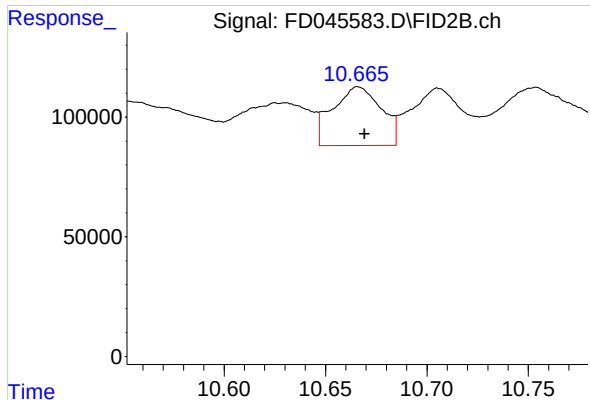
#7 Acenaphthene (C15.5)

R.T.: 8.491 min  
Delta R.T.: -0.010 min  
Response: 1133021  
Conc: 6.99 ug/ml



#8 Flouorene (C16.55)

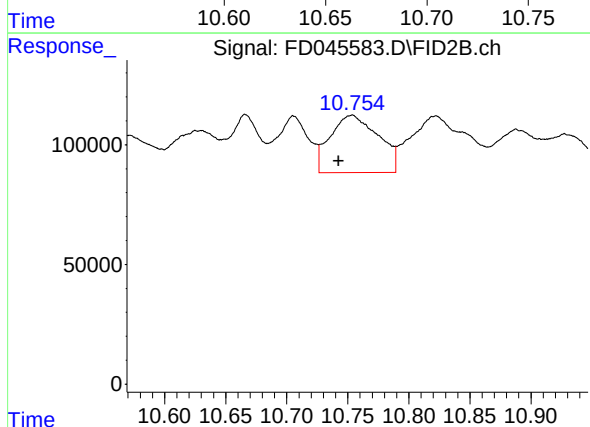
R.T.: 9.273 min  
Delta R.T.: -0.005 min  
Response: 249576  
Conc: 1.62 ug/ml



#9 Phenanthrene (C19.36)

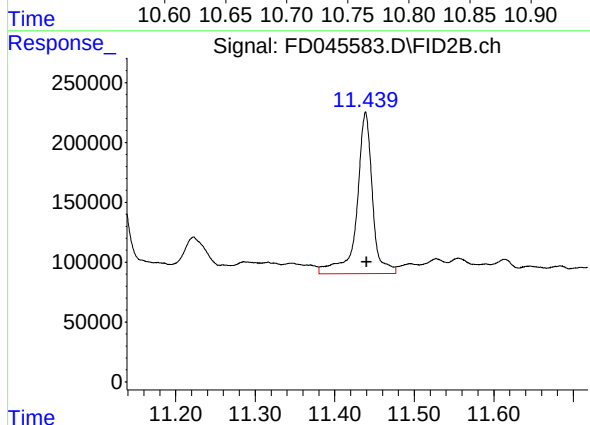
R.T.: 10.666 min  
Delta R.T.: -0.003 min  
Response: 410926  
Conc: 2.75 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



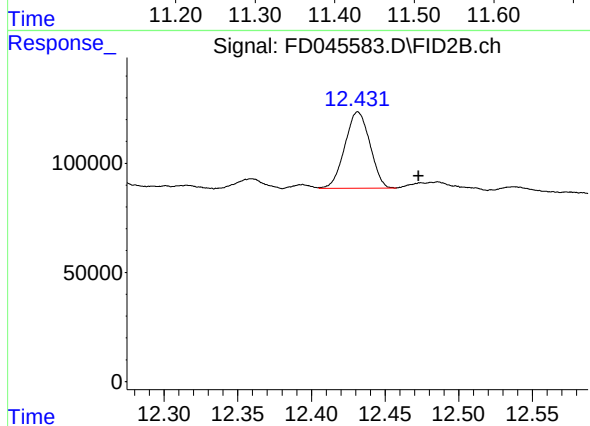
#10 Anthracene (C19.43)

R.T.: 10.753 min  
Delta R.T.: 0.011 min  
Response: 659981  
Conc: 5.11 ug/ml



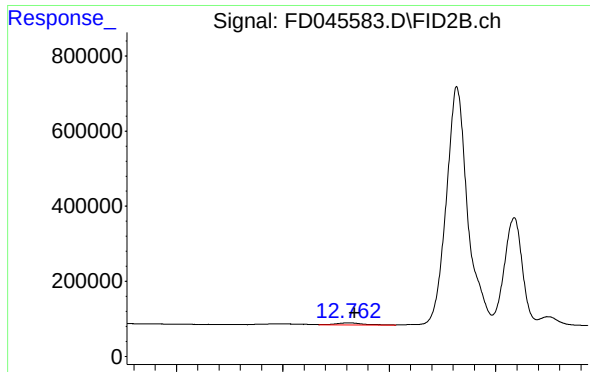
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min  
Delta R.T.: -0.002 min  
Response: 1844806  
Conc: 10.31 ug/ml



#12 Fluoranthene (C21.85)

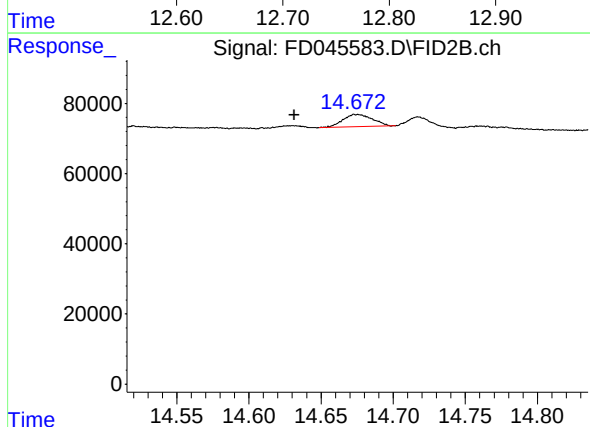
R.T.: 12.432 min  
Delta R.T.: -0.041 min  
Response: 412943  
Conc: 2.81 ug/ml



#13 Pyrene (C20.8)

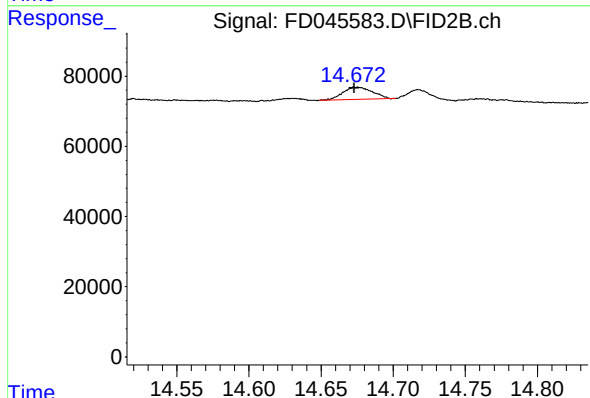
R.T.: 12.762 min  
Delta R.T.: -0.005 min  
Response: 91355  
Conc: 0.64 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



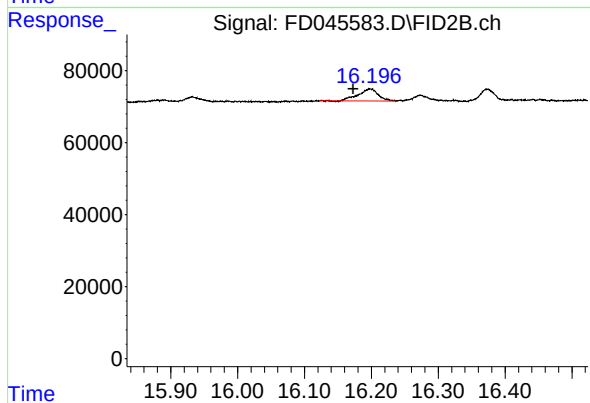
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.675 min  
Delta R.T.: 0.044 min  
Response: 50044  
Conc: 0.38 ug/ml



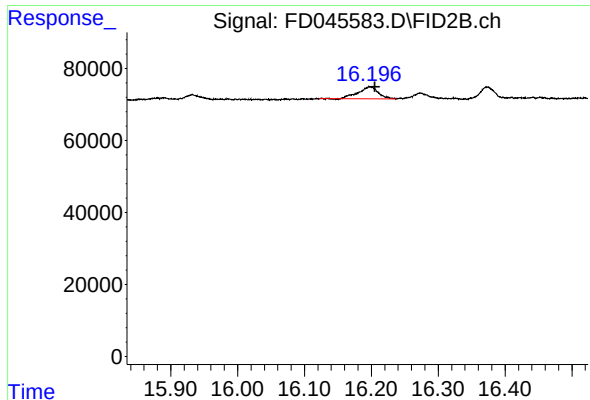
#15 Chrysene (C27.41)

R.T.: 14.675 min  
Delta R.T.: 0.002 min  
Response: 50044  
Conc: 0.37 ug/ml



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

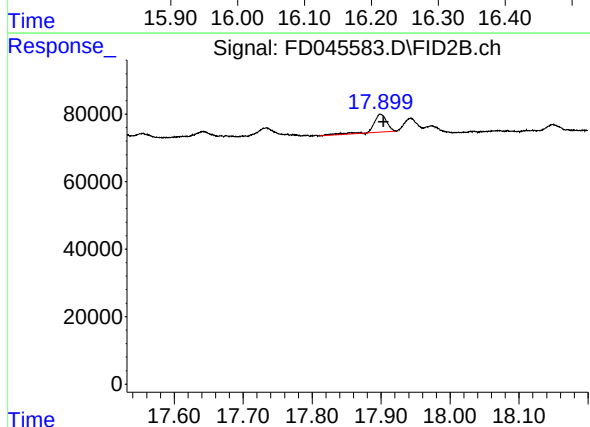
R.T.: 16.198 min  
Delta R.T.: 0.025 min  
Response: 69758  
Conc: 0.52 ug/ml



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

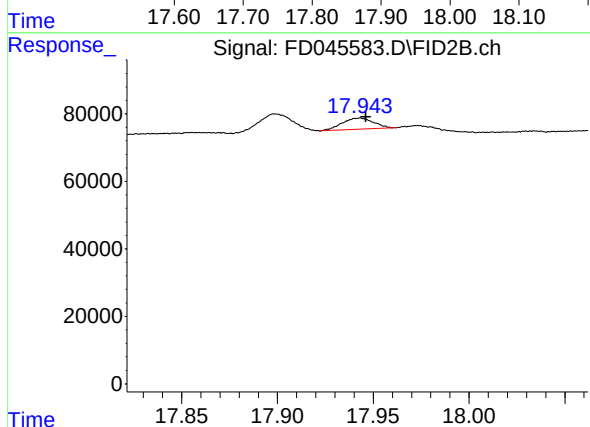
R.T.: 16.198 min  
Delta R.T.: -0.007 min  
Response: 69758  
Conc: 0.52 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



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

R.T.: 17.900 min  
Delta R.T.: -0.004 min  
Response: 71052  
Conc: 0.57 ug/ml



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

R.T.: 17.943 min  
Delta R.T.: -0.004 min  
Response: 37297  
Conc: 0.27 ug/ml