

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101724AR\  
 Data File : FD048540.D  
 Signal(s) : FID2B.ch  
 Acq On : 17 Oct 2024 16:58  
 Operator : YP/AJ  
 Sample : PB164209BS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Oct 18 02:57:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 14:17:34 2024  
 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...      | 7.376  | 8357651    | 50.479 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 100.96%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.226  | 5354903    | 51.636 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 103.27%      |
| 11) S ortho-Terphenyl (SURR)       | 11.263 | 8164156    | 44.371 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 88.74%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.199  | 6131534    | 34.986 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.716  | 7152978    | 38.310 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.763  | 7270973    | 38.473 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.029  | 7864703    | 40.996 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.325  | 8262520    | 43.681 ug/ml |
| 8) T Fluorene (C16.55)             | 9.104  | 8353539    | 46.236 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.491 | 8366710    | 47.208 ug/ml |
| 10) T Anthracene (C19.43)          | 10.567 | 8473073    | 47.617 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.296 | 9482820    | 52.428 ug/ml |
| 13) T Pyrene (C20.8)               | 12.590 | 8818311    | 49.245 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.458 | 7816337    | 48.909 ug/ml |
| 15) T Chrysene (C27.41)            | 14.502 | 7903897    | 42.374 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.006 | 7648990    | 45.928 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.041 | 7566524    | 44.575 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.382 | 7340473    | 44.912 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.749 | 7717216    | 58.668 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.786 | 7325100    | 43.775 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.001 | 7062126    | 43.479 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

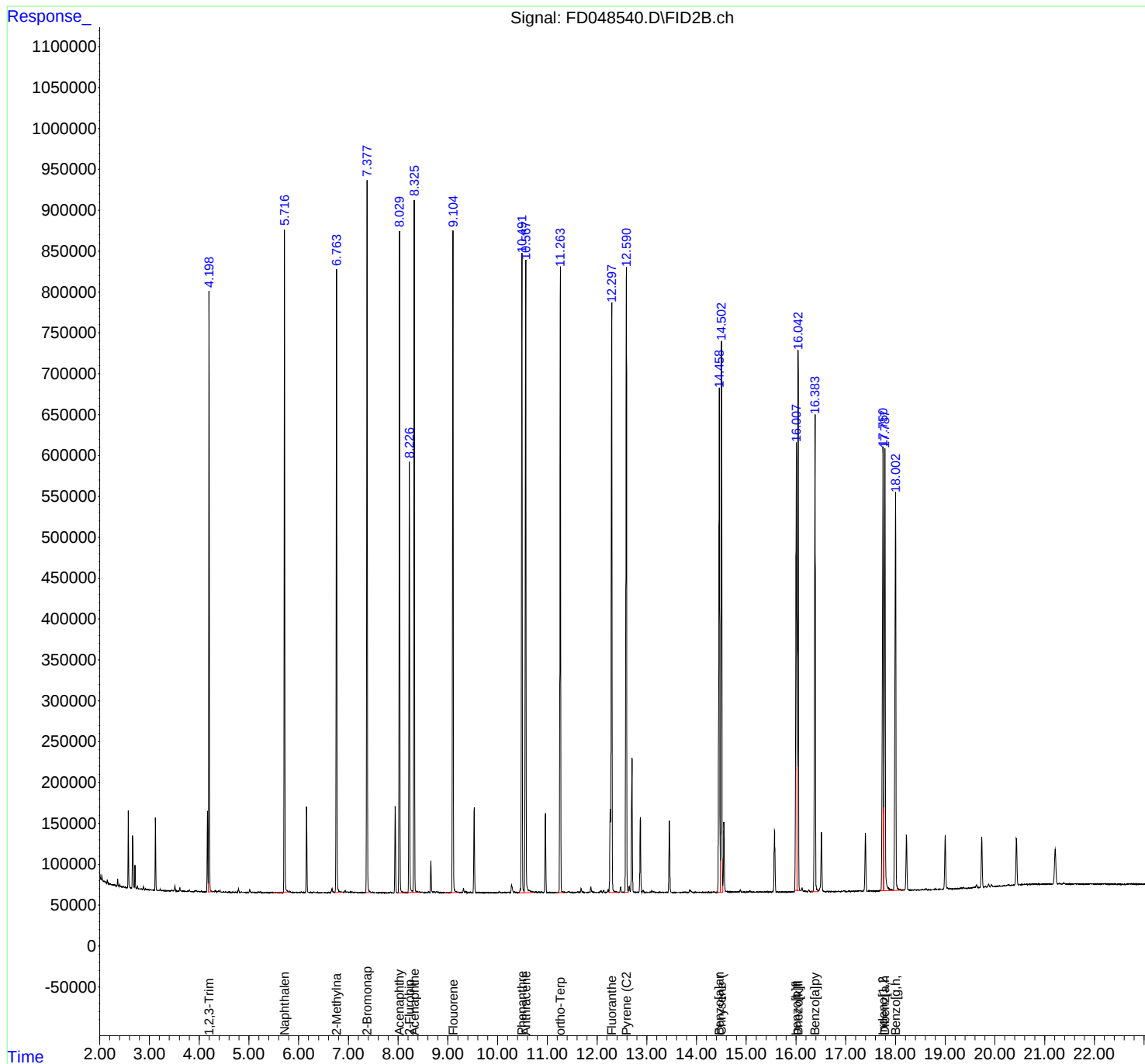
(m)=manual int.

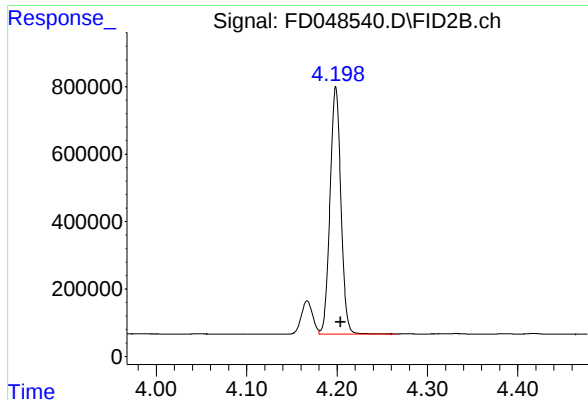
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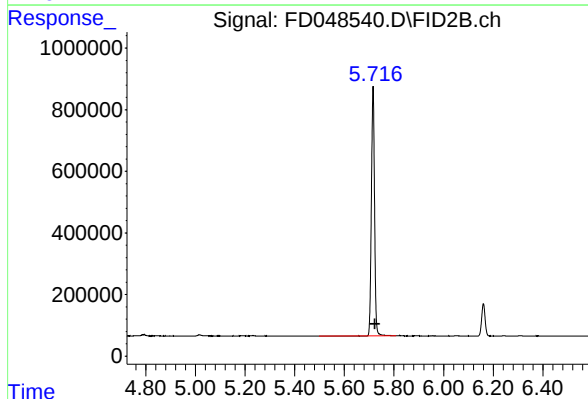




#1 1,2,3-Trimethylbenzene (C10.1)

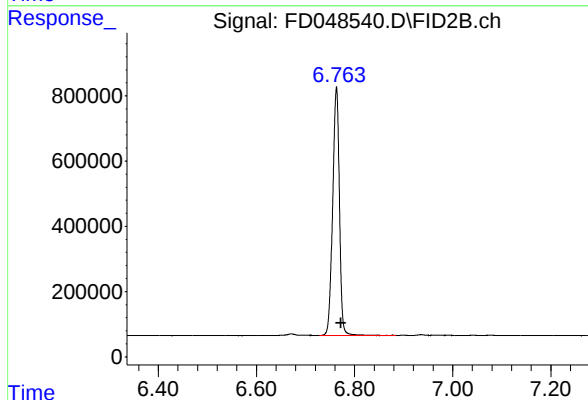
R.T.: 4.199 min  
Delta R.T.: -0.005 min  
Response: 6131534  
Conc: 34.99 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



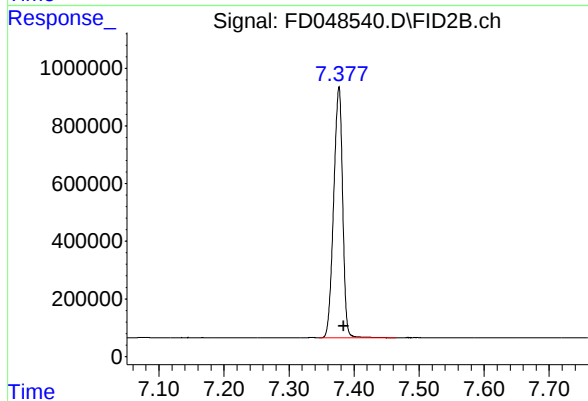
#2 Naphthalene (C11.7)

R.T.: 5.716 min  
Delta R.T.: -0.009 min  
Response: 7152978  
Conc: 38.31 ug/ml



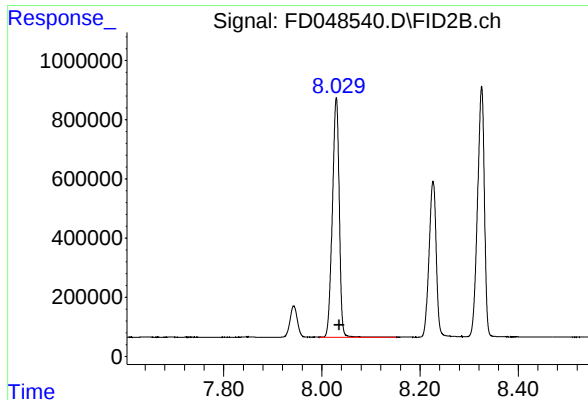
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.763 min  
Delta R.T.: -0.009 min  
Response: 7270973  
Conc: 38.47 ug/ml



#4 2-Bromonaphthalene (SURR)

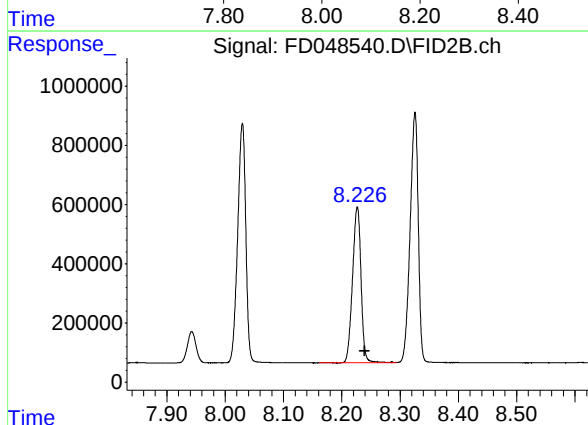
R.T.: 7.376 min  
Delta R.T.: -0.008 min  
Response: 8357651  
Conc: 50.48 ug/ml



#5 Acenaphthylene (C15.06)

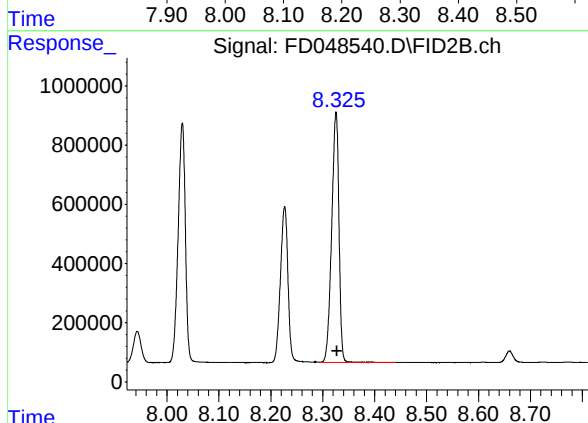
R.T.: 8.029 min  
Delta R.T.: -0.006 min  
Response: 7864703  
Conc: 41.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



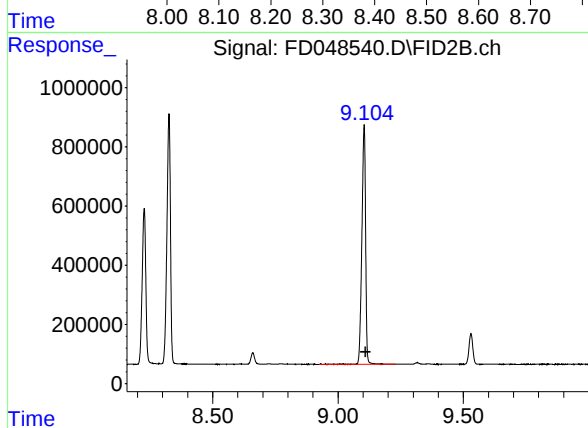
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.226 min  
Delta R.T.: -0.012 min  
Response: 5354903  
Conc: 51.64 ug/ml



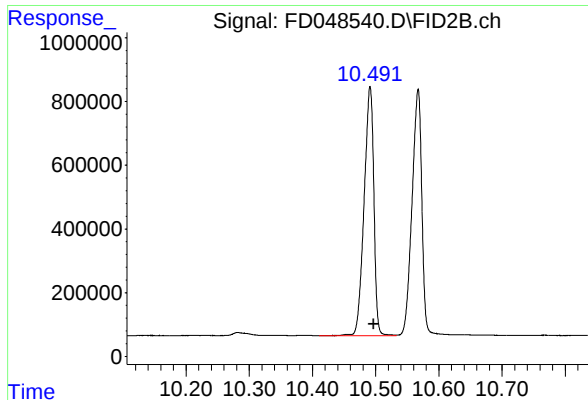
#7 Acenaphthene (C15.5)

R.T.: 8.325 min  
Delta R.T.: -0.002 min  
Response: 8262520  
Conc: 43.68 ug/ml



#8 Flouorene (C16.55)

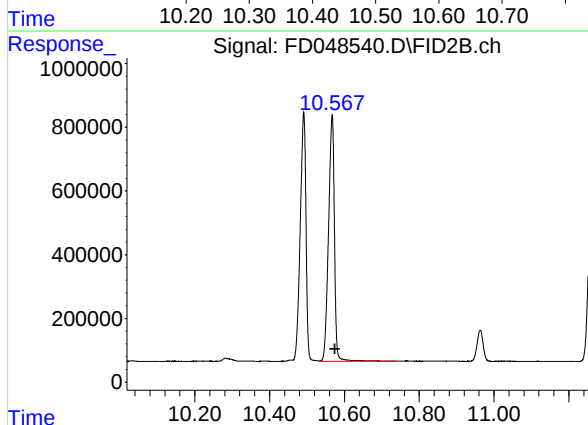
R.T.: 9.104 min  
Delta R.T.: -0.007 min  
Response: 8353539  
Conc: 46.24 ug/ml



#9 Phenanthrene (C19.36)

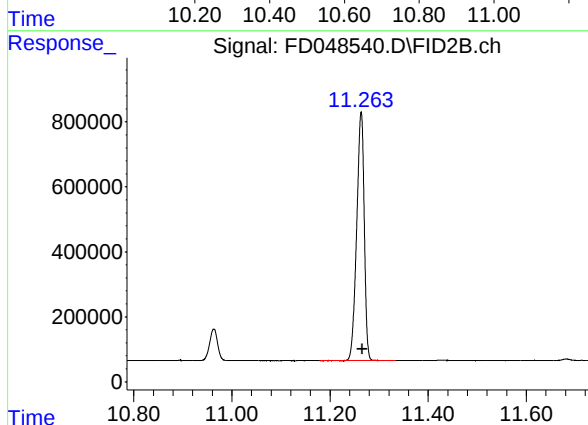
R.T.: 10.491 min  
Delta R.T.: -0.006 min  
Response: 8366710  
Conc: 47.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



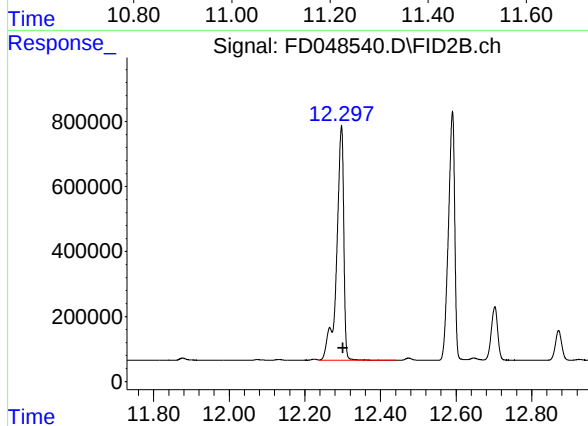
#10 Anthracene (C19.43)

R.T.: 10.567 min  
Delta R.T.: -0.009 min  
Response: 8473073  
Conc: 47.62 ug/ml



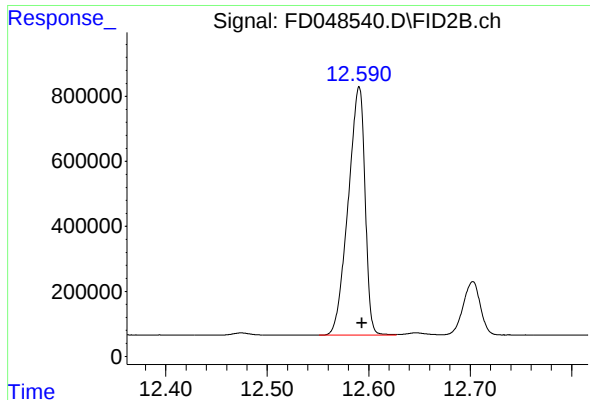
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min  
Delta R.T.: -0.002 min  
Response: 8164156  
Conc: 44.37 ug/ml



#12 Fluoranthene (C21.85)

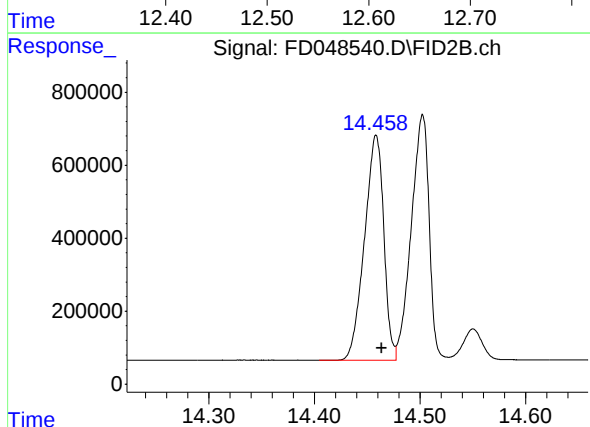
R.T.: 12.296 min  
Delta R.T.: -0.005 min  
Response: 9482820  
Conc: 52.43 ug/ml



#13 Pyrene (C20.8)

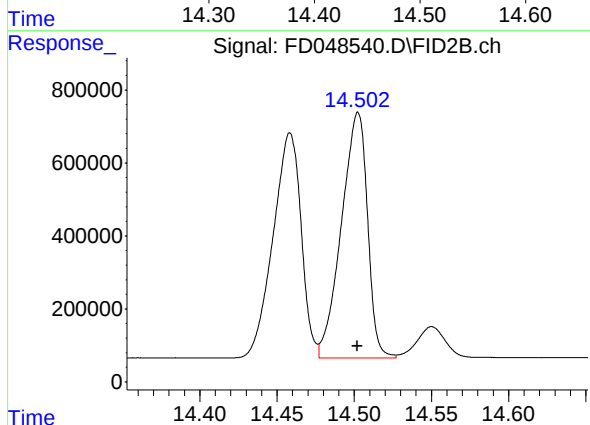
R.T.: 12.590 min  
Delta R.T.: -0.004 min  
Response: 8818311  
Conc: 49.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



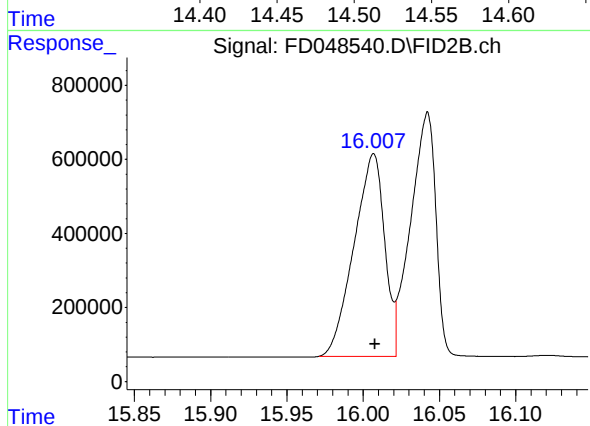
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min  
Delta R.T.: -0.006 min  
Response: 7816337  
Conc: 48.91 ug/ml



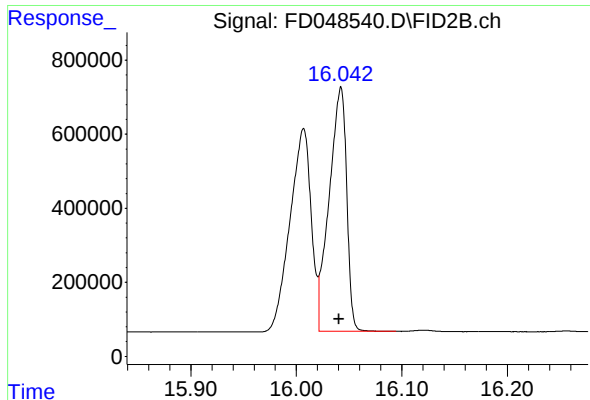
#15 Chrysene (C27.41)

R.T.: 14.502 min  
Delta R.T.: 0.000 min  
Response: 7903897  
Conc: 42.37 ug/ml



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

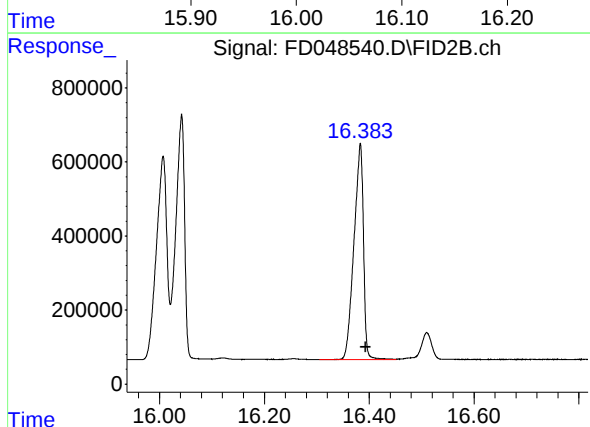
R.T.: 16.006 min  
Delta R.T.: -0.001 min  
Response: 7648990  
Conc: 45.93 ug/ml



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

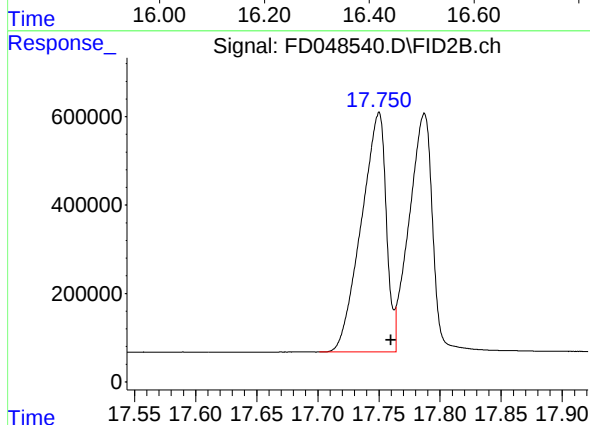
R.T.: 16.041 min  
Delta R.T.: 0.001 min  
Response: 7566524  
Conc: 44.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



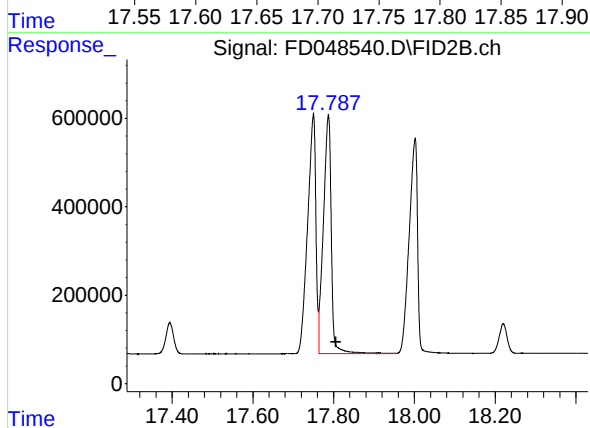
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.382 min  
Delta R.T.: -0.011 min  
Response: 7340473  
Conc: 44.91 ug/ml



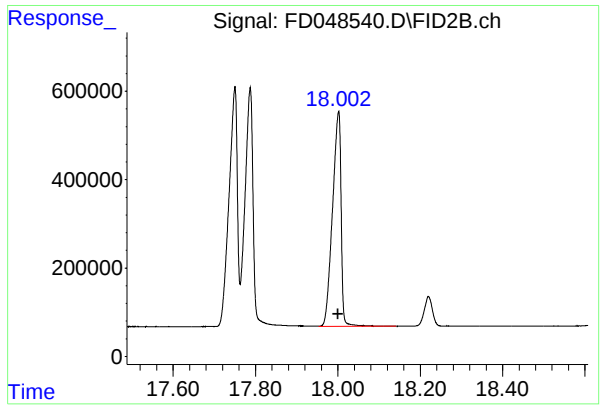
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min  
Delta R.T.: -0.011 min  
Response: 7717216  
Conc: 58.67 ug/ml



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

R.T.: 17.786 min  
Delta R.T.: -0.020 min  
Response: 7325100  
Conc: 43.78 ug/ml



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

R.T.: 18.001 min

Delta R.T.: 0.000 min

Response: 7062126

Conc: 43.48 ug/ml

Instrument :

FID\_D

ClientSampleId :