

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071123AR\  
 Data File : FD046082.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Jul 2023 09:59  
 Operator : YP/AJ  
 Sample : PB154081BSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB154081BSD

Integration File: autoint1.e  
 Quant Time: Jul 12 05:37:18 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:38:13 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...      | 7.514  | 8130706    | 37.730 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 75.46%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.367  | 3746827    | 27.072 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 54.14%       |
| 11) S ortho-Terphenyl (SURR)       | 11.410 | 10615809   | 41.873 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 83.75%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.324  | 6496193    | 26.078 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.852  | 7532676    | 29.526 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.902  | 7702458    | 30.554 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.173  | 8574729    | 39.479 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.470  | 8715958    | 36.976 ug/ml |
| 8) T Flouorene (C16.55)            | 9.248  | 8522877    | 37.669 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.638 | 8187606    | 38.372 ug/ml |
| 10) T Anthracene (C19.43)          | 10.713 | 7847268    | 49.387 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.443 | 7929447    | 38.746 ug/ml |
| 13) T Pyrene (C20.8)               | 12.738 | 7916830    | 40.717 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.603 | 7533770    | 41.890 ug/ml |
| 15) T Chrysene (C27.41)            | 14.647 | 7484751    | 38.134 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.147 | 7870155    | 41.961 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.182 | 7502732    | 37.929 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.522 | 6943259    | 39.851 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.881 | 7078173    | 38.033 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.923 | 7032221    | 38.249 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.137 | 7332244    | 39.241 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

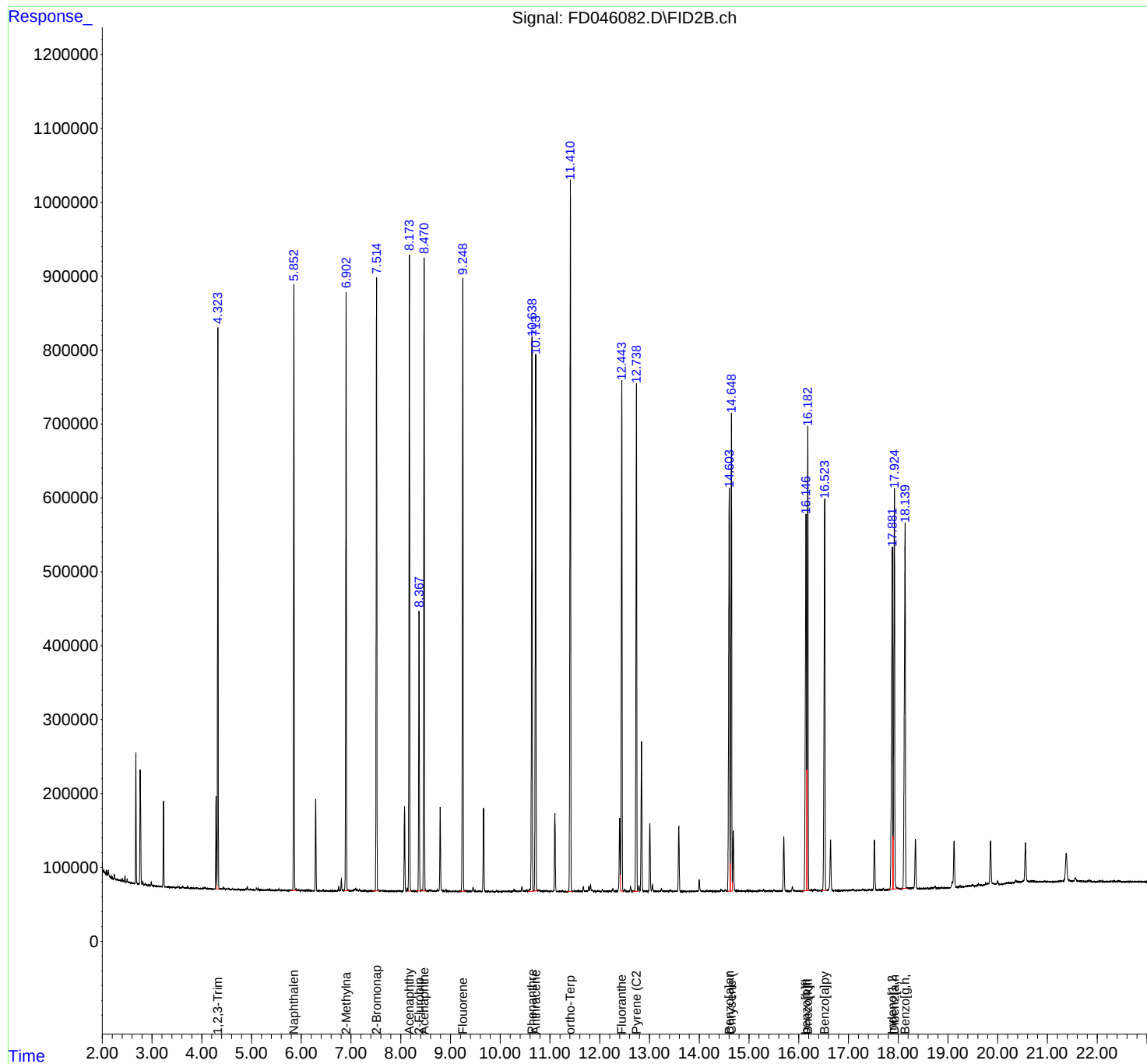
(m)=manual int.

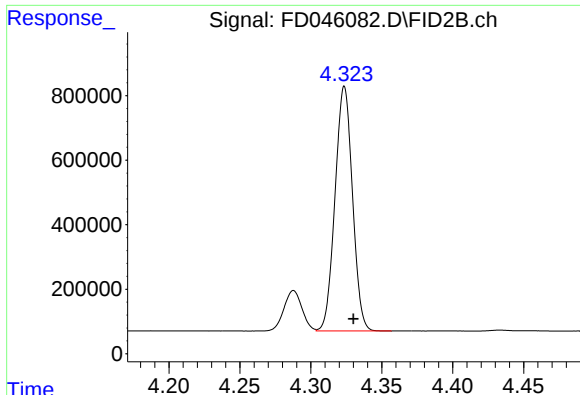
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071123AR\  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

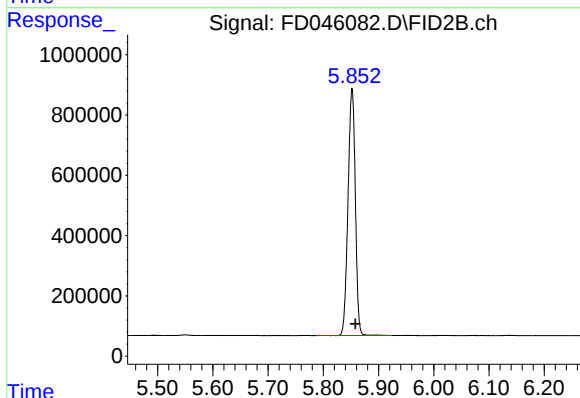




#1 1,2,3-Trimethylbenzene (C10.1)

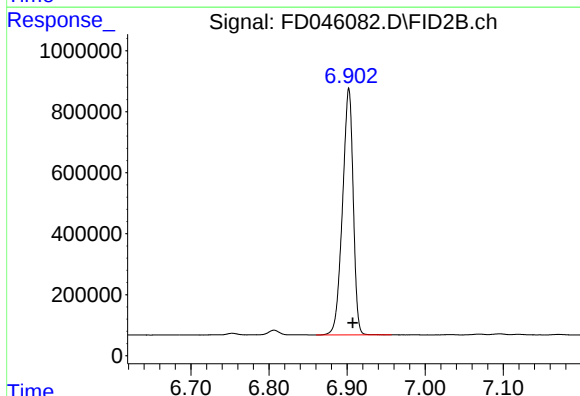
R.T.: 4.324 min  
Delta R.T.: -0.006 min  
Response: 6496193  
Conc: 26.08 ug/ml

Instrument :  
FID\_D  
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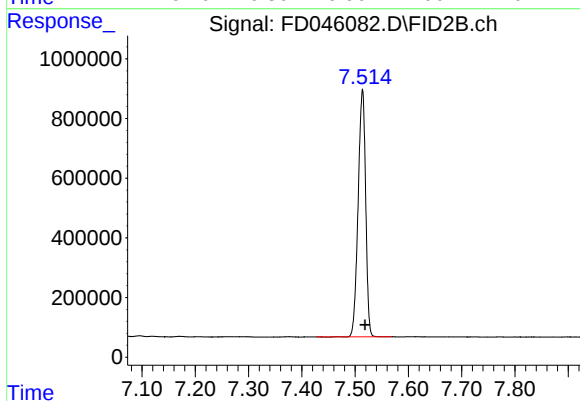
#2 Naphthalene (C11.7)

R.T.: 5.852 min  
Delta R.T.: -0.006 min  
Response: 7532676  
Conc: 29.53 ug/ml



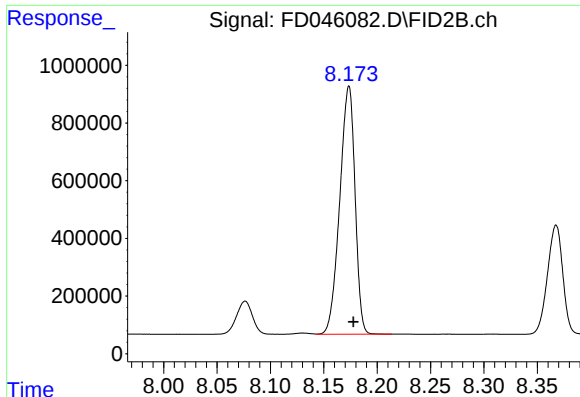
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.902 min  
Delta R.T.: -0.005 min  
Response: 7702458  
Conc: 30.55 ug/ml



#4 2-Bromonaphthalene (SURR)

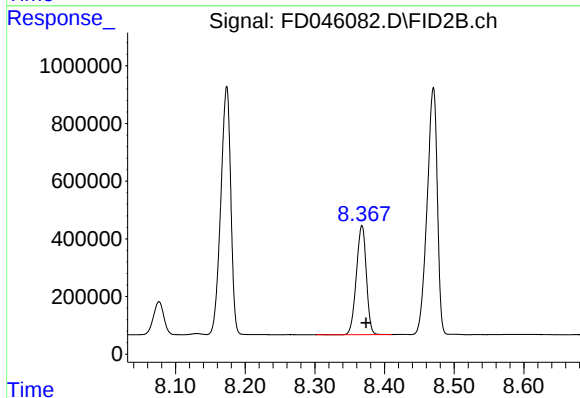
R.T.: 7.514 min  
Delta R.T.: -0.005 min  
Response: 8130706  
Conc: 37.73 ug/ml



#5 Acenaphthylene (C15.06)

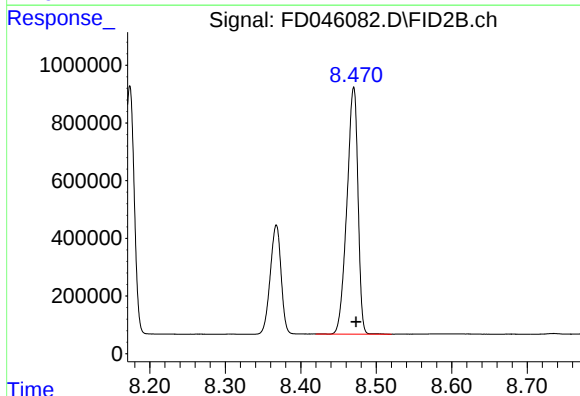
R.T.: 8.173 min  
Delta R.T.: -0.005 min  
Response: 8574729  
Conc: 39.48 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB154081BSD



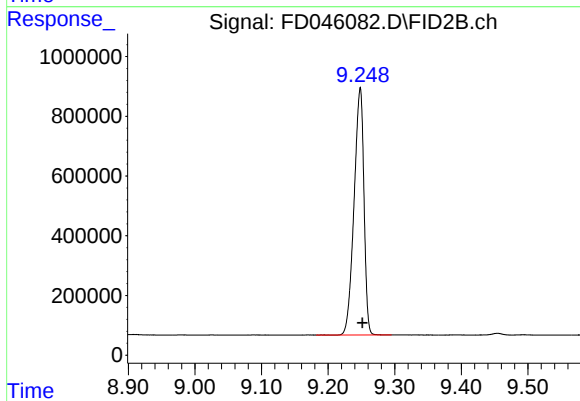
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.367 min  
Delta R.T.: -0.006 min  
Response: 3746827  
Conc: 27.07 ug/ml



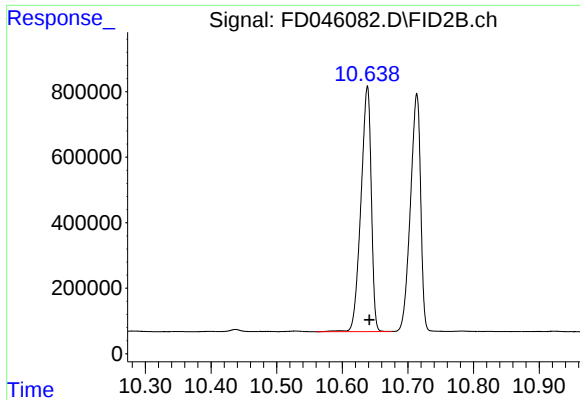
#7 Acenaphthene (C15.5)

R.T.: 8.470 min  
Delta R.T.: -0.003 min  
Response: 8715958  
Conc: 36.98 ug/ml



#8 Flouorene (C16.55)

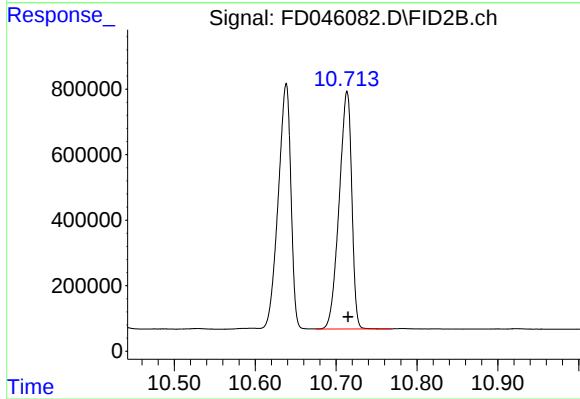
R.T.: 9.248 min  
Delta R.T.: -0.004 min  
Response: 8522877  
Conc: 37.67 ug/ml



#9 Phenanthrene (C19.36)

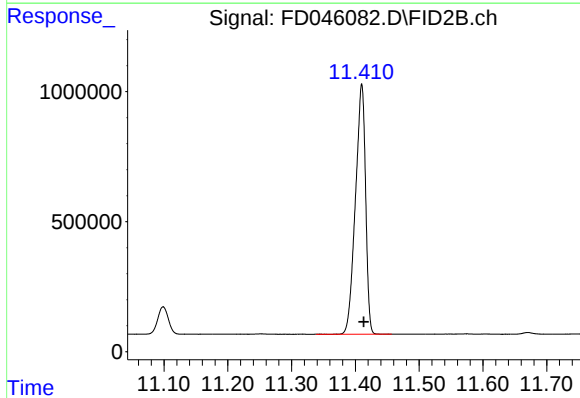
R.T.: 10.638 min  
Delta R.T.: -0.004 min  
Response: 8187606  
Conc: 38.37 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB154081BSD



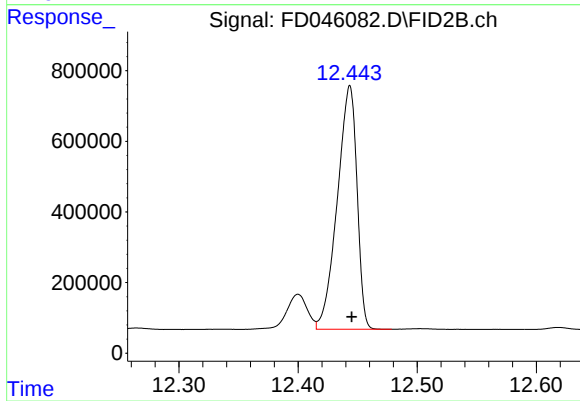
#10 Anthracene (C19.43)

R.T.: 10.713 min  
Delta R.T.: -0.002 min  
Response: 7847268  
Conc: 49.39 ug/ml



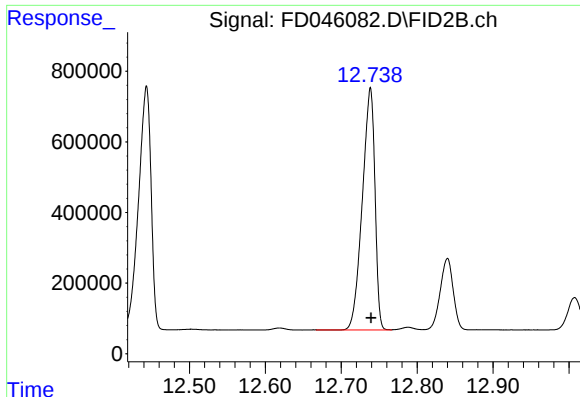
#11 ortho-Terphenyl (SURR)

R.T.: 11.410 min  
Delta R.T.: -0.003 min  
Response: 10615809  
Conc: 41.87 ug/ml



#12 Fluoranthene (C21.85)

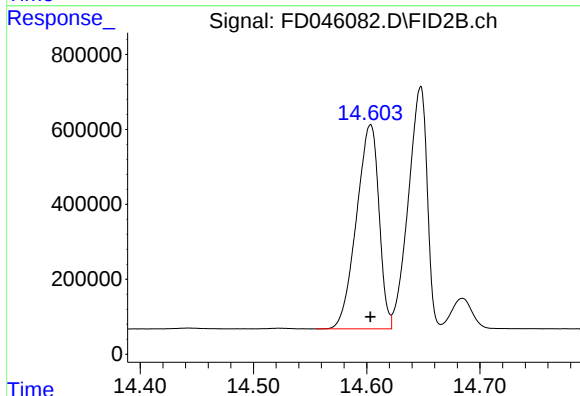
R.T.: 12.443 min  
Delta R.T.: -0.002 min  
Response: 7929447  
Conc: 38.75 ug/ml



#13 Pyrene (C20.8)

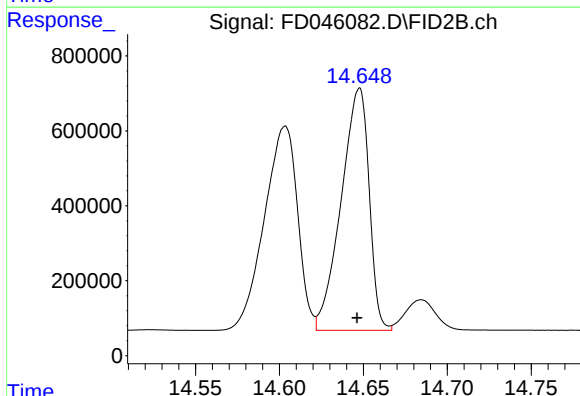
R.T.: 12.738 min  
Delta R.T.: -0.001 min  
Response: 7916830  
Conc: 40.72 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB154081BSD



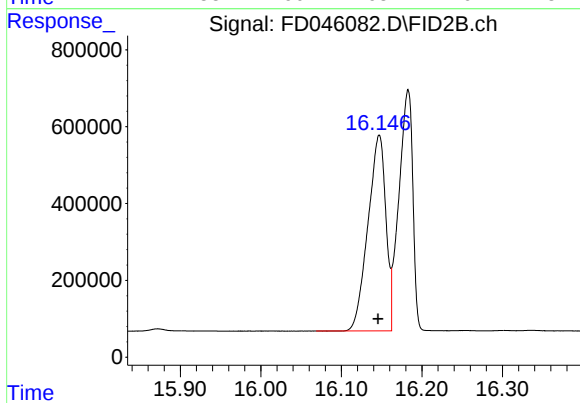
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min  
Delta R.T.: 0.000 min  
Response: 7533770  
Conc: 41.89 ug/ml



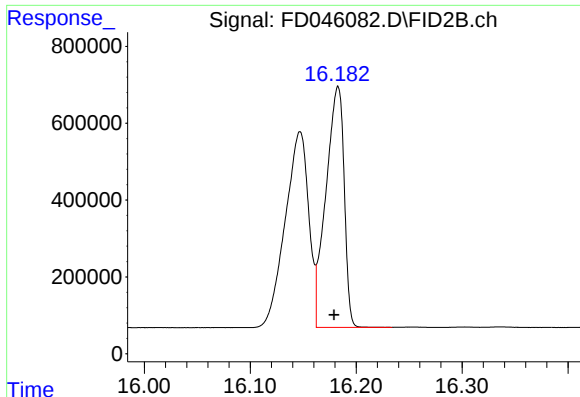
#15 Chrysene (C27.41)

R.T.: 14.647 min  
Delta R.T.: 0.000 min  
Response: 7484751  
Conc: 38.13 ug/ml



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

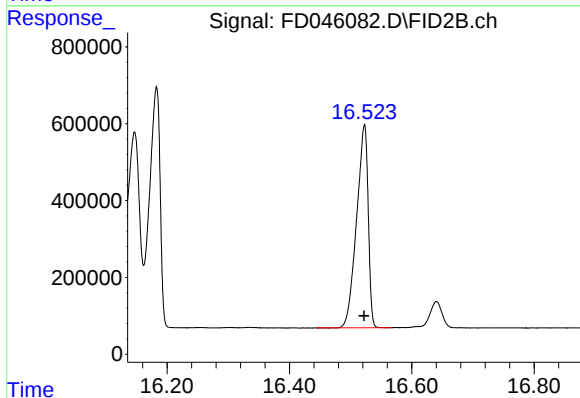
R.T.: 16.147 min  
Delta R.T.: 0.000 min  
Response: 7870155  
Conc: 41.96 ug/ml



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

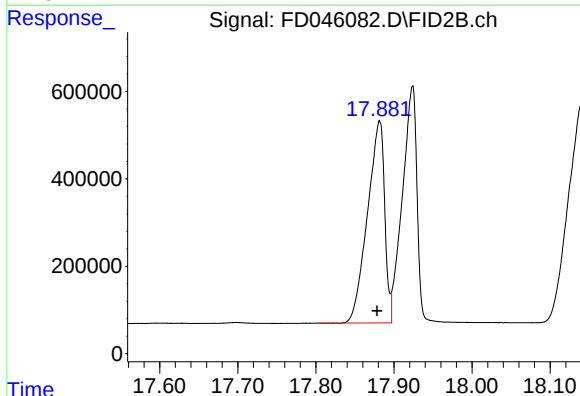
R.T.: 16.182 min  
Delta R.T.: 0.003 min  
Response: 7502732  
Conc: 37.93 ug/ml

Instrument :  
FID\_D  
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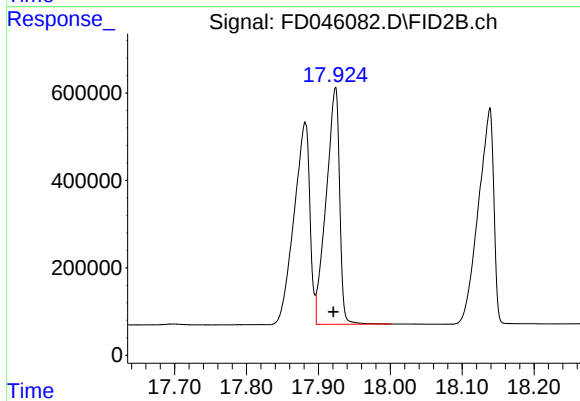
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min  
Delta R.T.: 0.000 min  
Response: 6943259  
Conc: 39.85 ug/ml



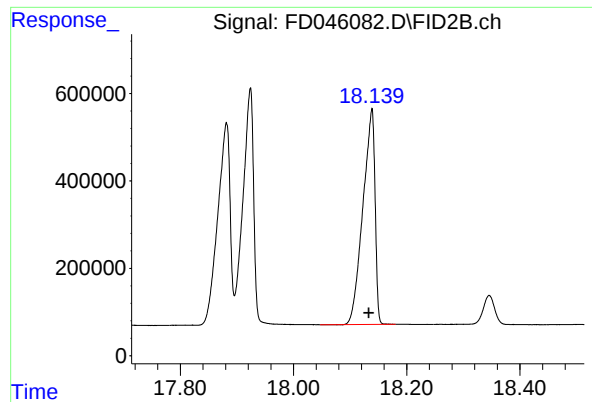
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min  
Delta R.T.: 0.002 min  
Response: 7078173  
Conc: 38.03 ug/ml



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

R.T.: 17.923 min  
Delta R.T.: 0.002 min  
Response: 7032221  
Conc: 38.25 ug/ml



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

R.T.: 18.137 min  
Delta R.T.: 0.005 min  
Response: 7332244  
Conc: 39.24 ug/ml

Instrument :

FID\_D

ClientSampleId :

PB154081BSD