

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011223AR\  
 Data File : FD044773.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Jan 2023 23:30  
 Operator : YP/AJ  
 Sample : 01056-05MS  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 T-5MS

Integration File: autoint1.e  
 Quant Time: Jan 13 04:49:59 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 122422.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Dec 25 17:15:10 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...      | 7.662  | 7104039    | 49.264 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.53%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.519  | 4705682    | 48.477 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 96.95%       |
| 11) S ortho-Terphenyl (SURR)       | 11.546 | 5046644    | 28.011 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 56.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.482  | 5682985    | 35.321 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.010  | 6814039    | 40.598 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.055  | 6689322    | 39.785 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.324  | 7376512    | 48.634 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.619  | 7077399    | 43.658 ug/ml |
| 8) T Flouorene (C16.55)            | 9.394  | 7311977    | 45.878 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.784 | 7387359    | 47.073 ug/ml |
| 10) T Anthracene (C19.43)          | 10.858 | 7210766    | 57.342 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.585 | 7405766    | 47.160 ug/ml |
| 13) T Pyrene (C20.8)               | 12.881 | 7283023    | 47.576 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.743 | 7021785    | 49.384 ug/ml |
| 15) T Chrysene (C27.41)            | 14.787 | 7569198    | 49.916 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.284 | 7053025    | 46.897 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.318 | 6542469    | 43.184 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.660 | 6073454    | 41.862 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.013 | 5321398    | 37.630 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.054 | 5510559    | 37.592 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.268 | 5373036    | 37.823 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

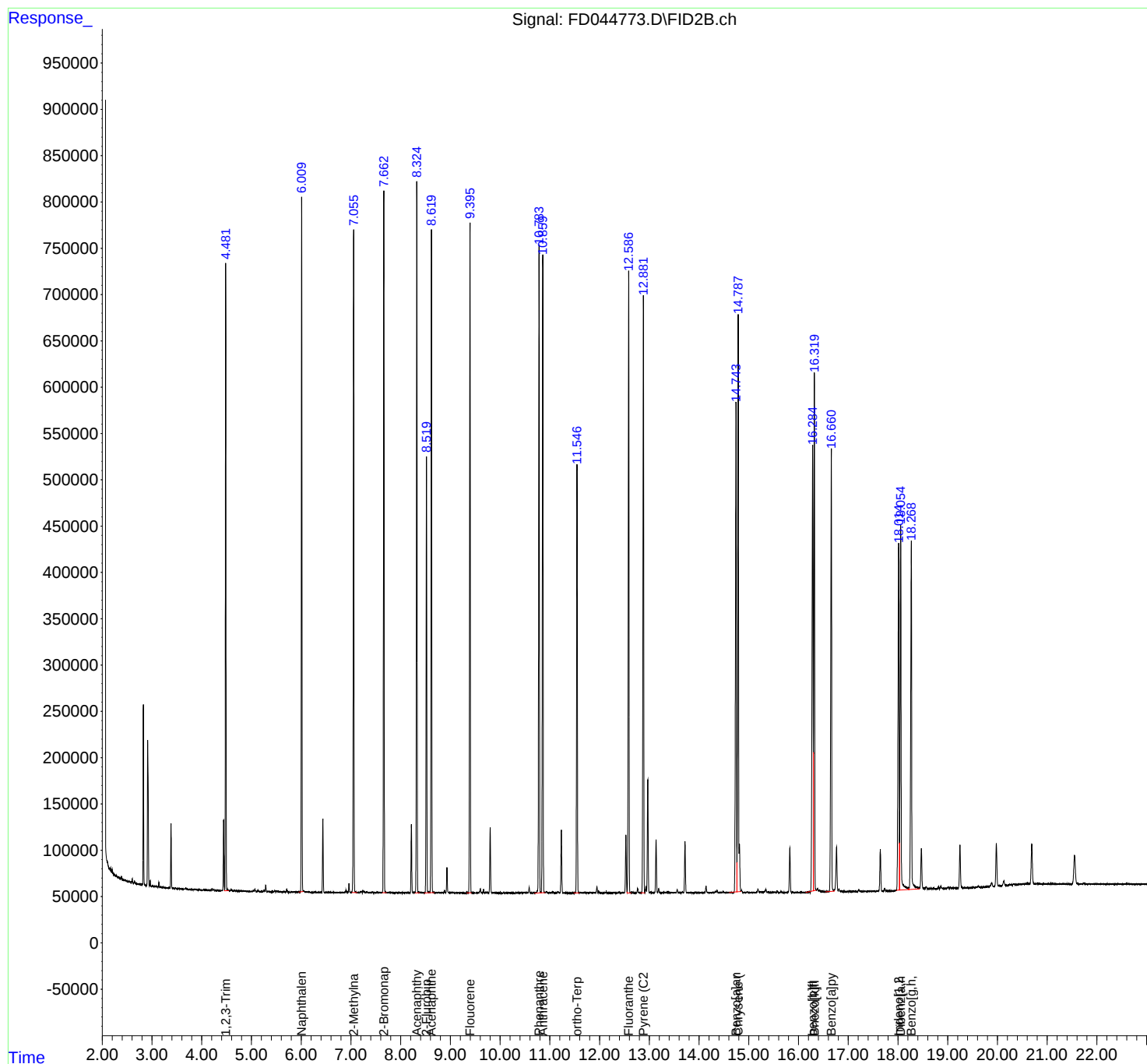
(m)=manual int.

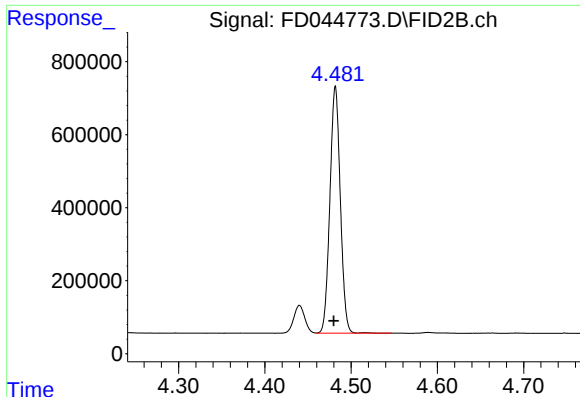
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011223AR\  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

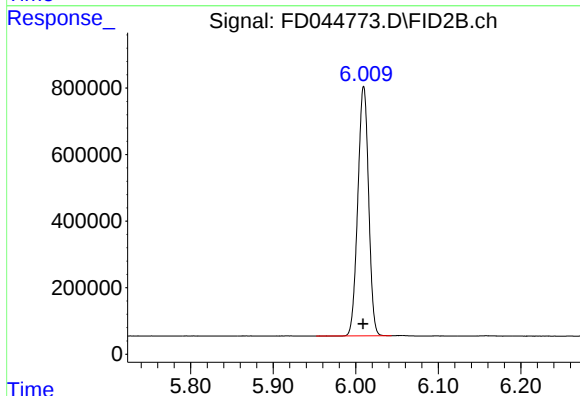




#1 1,2,3-Trimethylbenzene (C10.1)

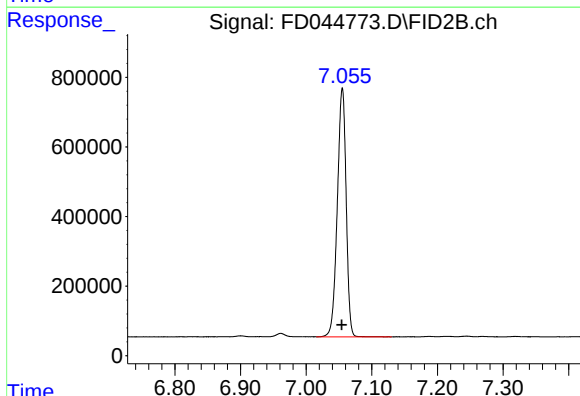
R.T.: 4.482 min  
Delta R.T.: 0.002 min  
Response: 5682985  
Conc: 35.32 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
T-5MS



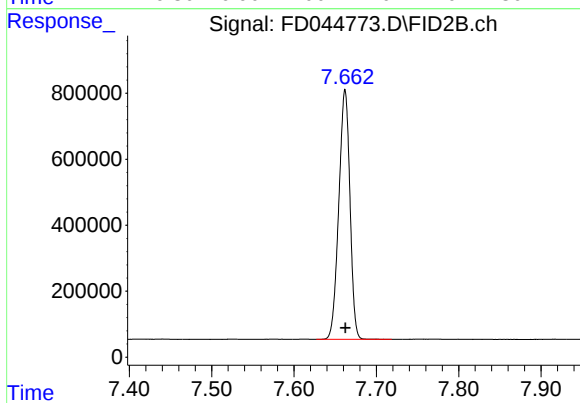
#2 Naphthalene (C11.7)

R.T.: 6.010 min  
Delta R.T.: 0.000 min  
Response: 6814039  
Conc: 40.60 ug/ml



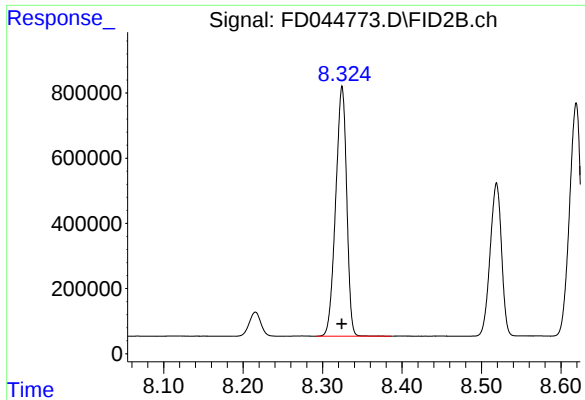
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 6689322  
Conc: 39.78 ug/ml



#4 2-Bromonaphthalene (SURR)

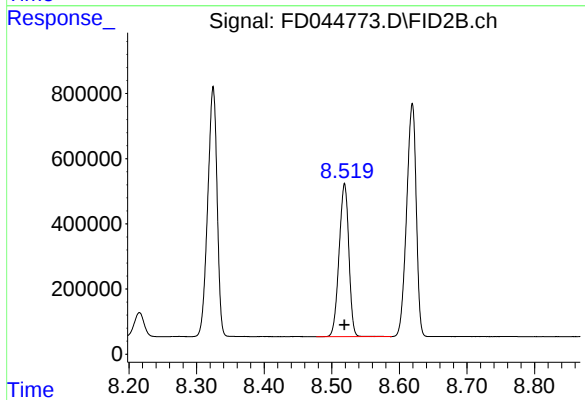
R.T.: 7.662 min  
Delta R.T.: 0.000 min  
Response: 7104039  
Conc: 49.26 ug/ml



#5 Acenaphthylene (C15.06)

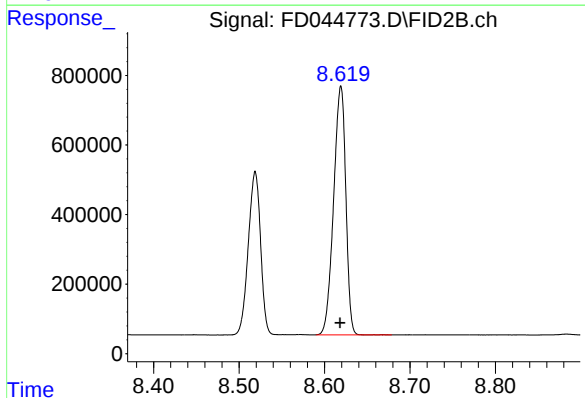
R.T.: 8.324 min  
Delta R.T.: 0.000 min  
Response: 7376512  
Conc: 48.63 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
T-5MS



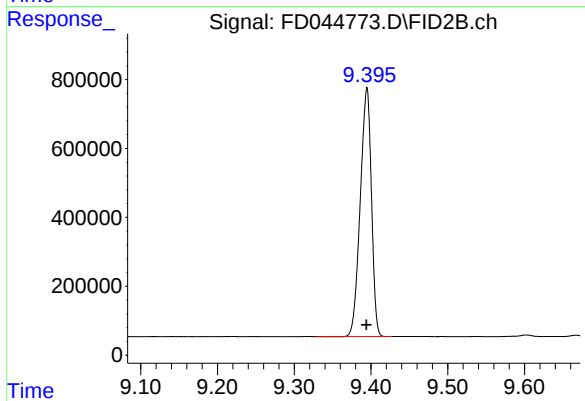
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.519 min  
Delta R.T.: 0.000 min  
Response: 4705682  
Conc: 48.48 ug/ml



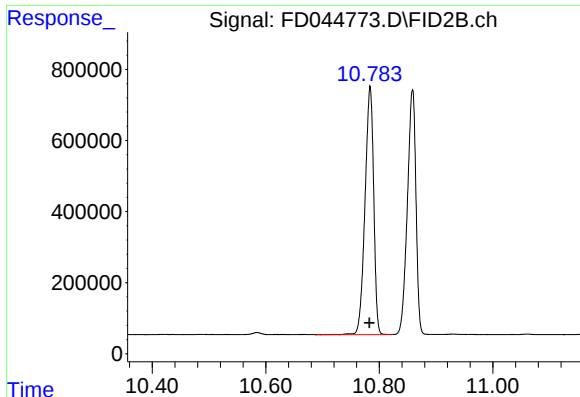
#7 Acenaphthene (C15.5)

R.T.: 8.619 min  
Delta R.T.: 0.000 min  
Response: 7077399  
Conc: 43.66 ug/ml



#8 Fluorene (C16.55)

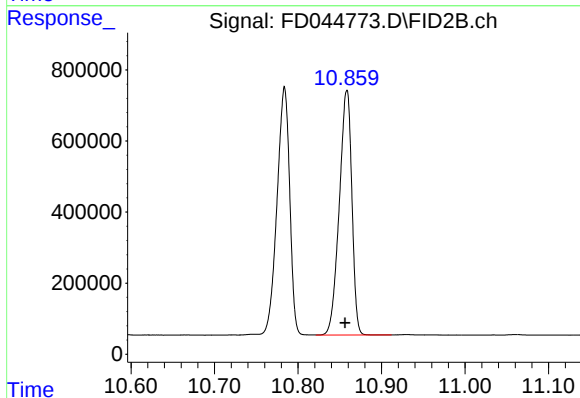
R.T.: 9.394 min  
Delta R.T.: 0.000 min  
Response: 7311977  
Conc: 45.88 ug/ml



#9 Phenanthrene (C19.36)

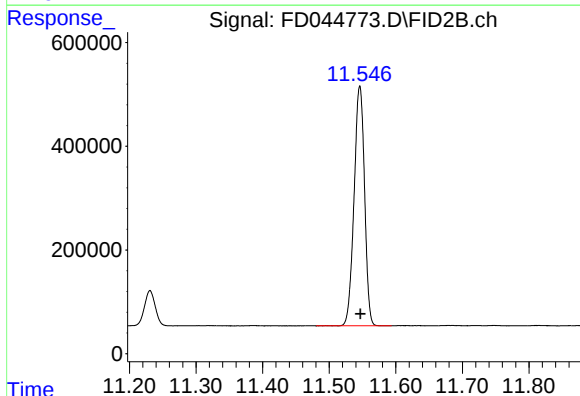
R.T.: 10.784 min  
Delta R.T.: 0.000 min  
Response: 7387359  
Conc: 47.07 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
T-5MS



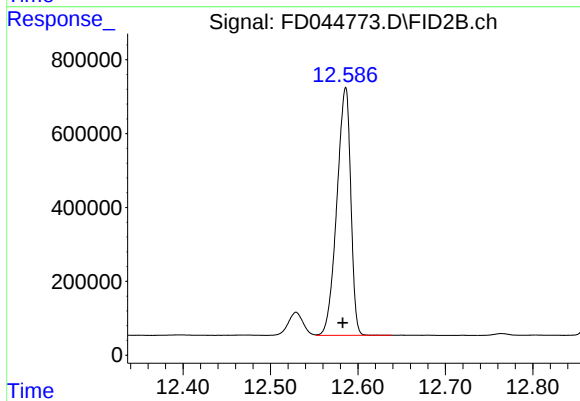
#10 Anthracene (C19.43)

R.T.: 10.858 min  
Delta R.T.: 0.002 min  
Response: 7210766  
Conc: 57.34 ug/ml



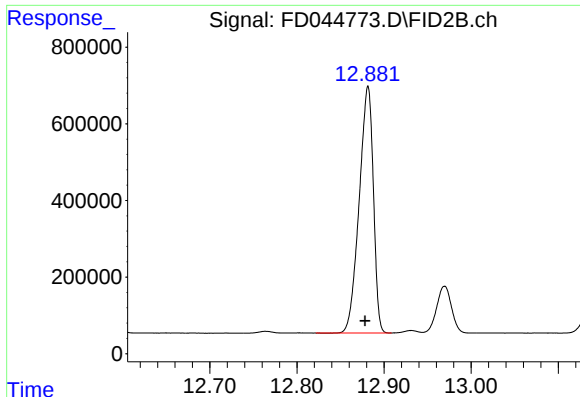
#11 ortho-Terphenyl (SURR)

R.T.: 11.546 min  
Delta R.T.: -0.001 min  
Response: 5046644  
Conc: 28.01 ug/ml



#12 Fluoranthene (C21.85)

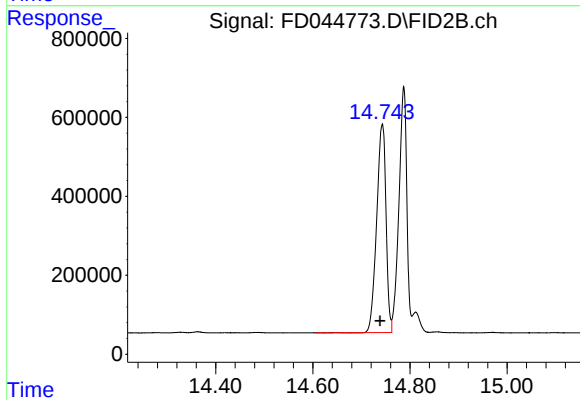
R.T.: 12.585 min  
Delta R.T.: 0.003 min  
Response: 7405766  
Conc: 47.16 ug/ml



#13 Pyrene (C20.8)

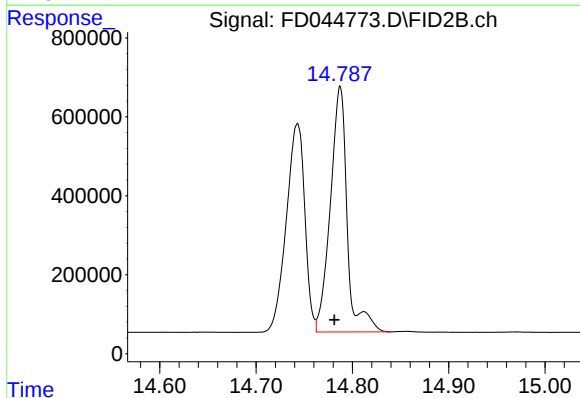
R.T.: 12.881 min  
Delta R.T.: 0.003 min  
Response: 7283023  
Conc: 47.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
T-5MS



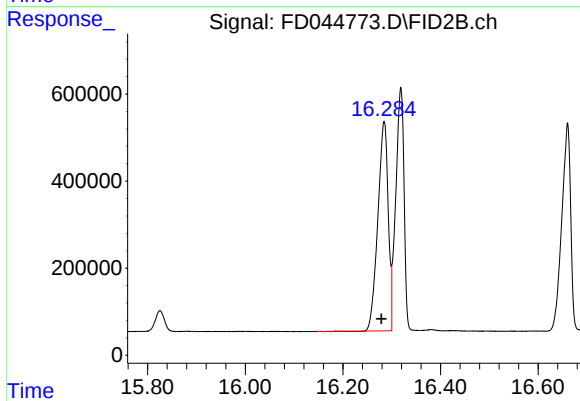
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min  
Delta R.T.: 0.004 min  
Response: 7021785  
Conc: 49.38 ug/ml



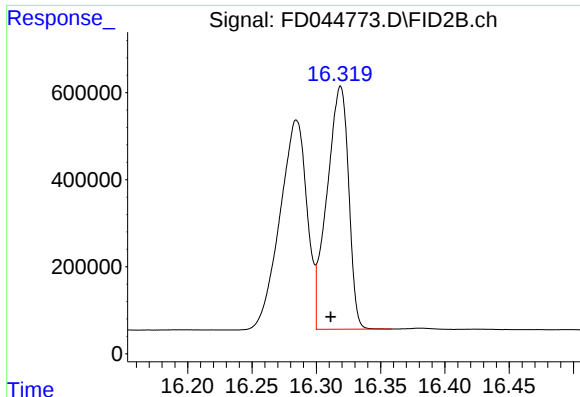
#15 Chrysene (C27.41)

R.T.: 14.787 min  
Delta R.T.: 0.006 min  
Response: 7569198  
Conc: 49.92 ug/ml



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

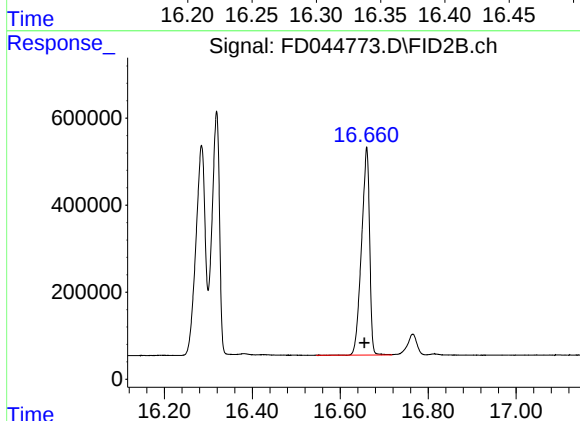
R.T.: 16.284 min  
Delta R.T.: 0.005 min  
Response: 7053025  
Conc: 46.90 ug/ml



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

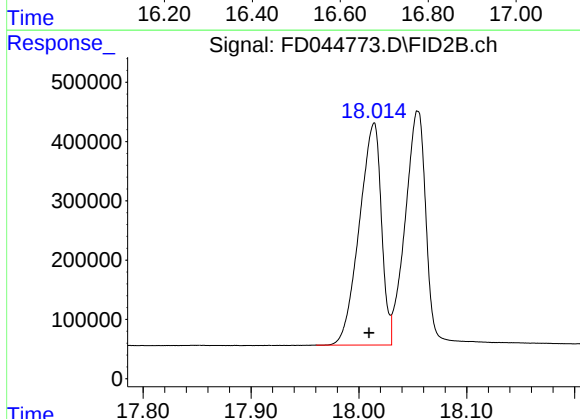
R.T.: 16.318 min  
Delta R.T.: 0.007 min  
Response: 6542469  
Conc: 43.18 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
T-5MS



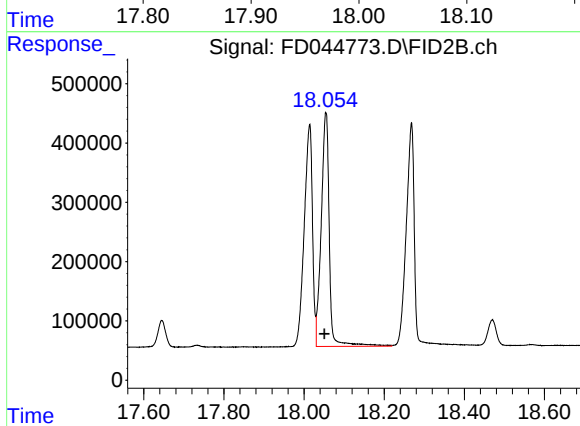
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.660 min  
Delta R.T.: 0.005 min  
Response: 6073454  
Conc: 41.86 ug/ml



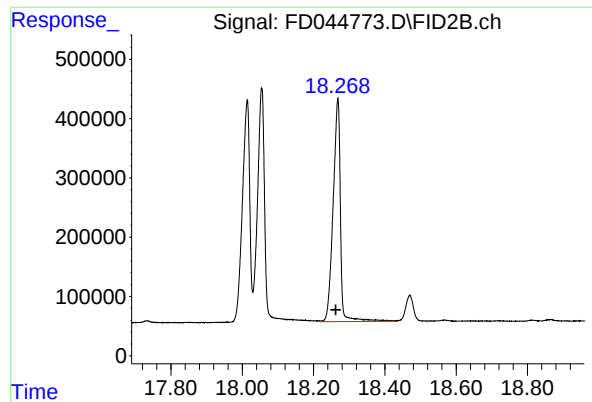
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.013 min  
Delta R.T.: 0.004 min  
Response: 5321398  
Conc: 37.63 ug/ml



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

R.T.: 18.054 min  
Delta R.T.: 0.003 min  
Response: 5510559  
Conc: 37.59 ug/ml



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

R.T.: 18.268 min  
Delta R.T.: 0.006 min  
Response: 5373036  
Conc: 37.82 ug/ml

Instrument :

FID\_D

ClientSampleId :

T-5MS