

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090624AR\  
 Data File : FD048279.D  
 Signal(s) : FID2B.ch  
 Acq On : 06 Sep 2024 09:03  
 Operator : YP/AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 06 10:21:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 090624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 06 10:19:09 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...      | 7.393  | 7372684    | 49.330 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.66%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.244  | 4804768    | 49.115 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 98.23%       |
| 11) S ortho-Terphenyl (SURR)       | 11.281 | 8254651    | 49.118 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.24%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.213  | 8353992    | 48.695 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.733  | 8638113    | 48.750 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.781  | 8611762    | 48.985 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.047  | 8415009    | 48.985 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.343  | 8458488    | 48.634 ug/ml |
| 8) T Flouorene (C16.55)            | 9.121  | 8160794    | 49.001 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.508 | 7963793    | 49.492 ug/ml |
| 10) T Anthracene (C19.43)          | 10.584 | 7671918    | 49.478 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.313 | 7821636    | 49.251 ug/ml |
| 13) T Pyrene (C20.8)               | 12.607 | 7769995    | 49.360 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.475 | 7256084    | 50.128 ug/ml |
| 15) T Chrysene (C27.41)            | 14.518 | 7584615    | 48.773 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.022 | 7497351    | 49.676 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.057 | 7194031    | 49.417 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.398 | 7382253    | 49.759 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.762 | 6277119    | 50.908 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.800 | 7229026    | 49.510 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.015 | 7238125    | 49.645 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

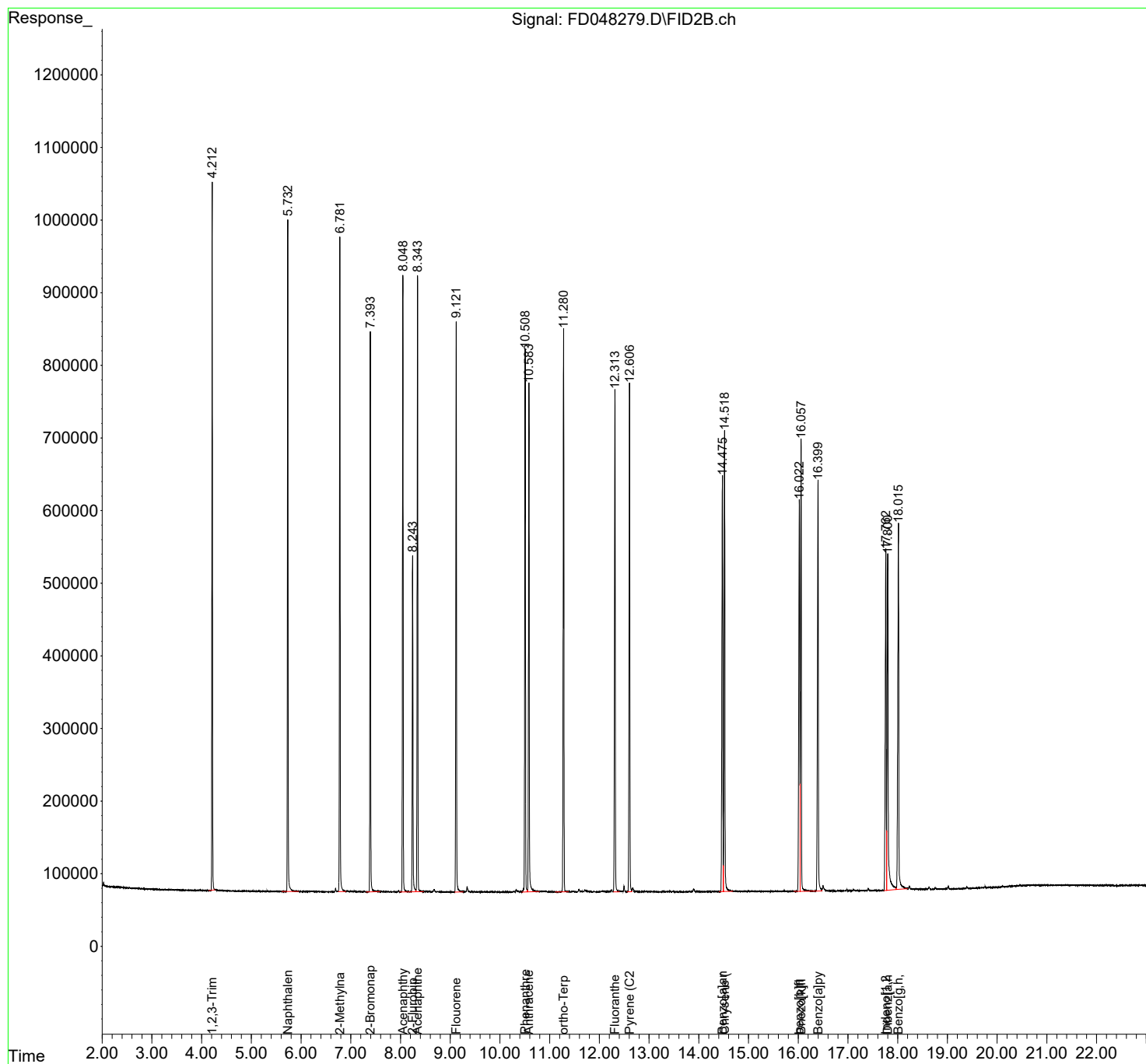
(m)=manual int.

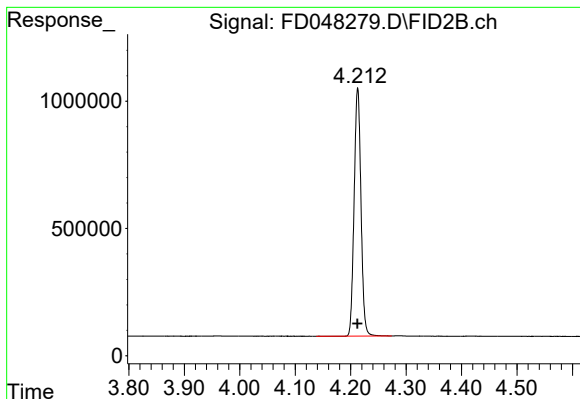
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090624AR\  
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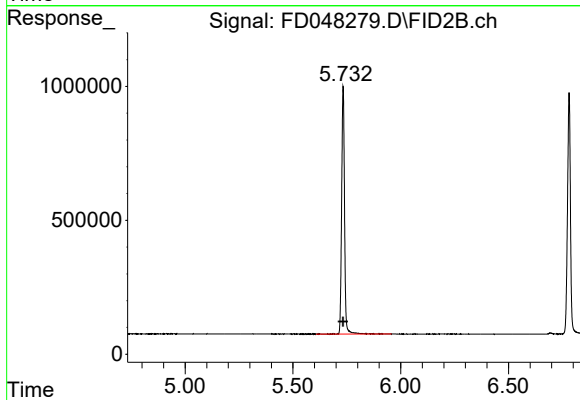




#1 1,2,3-Trimethylbenzene (C10.1)

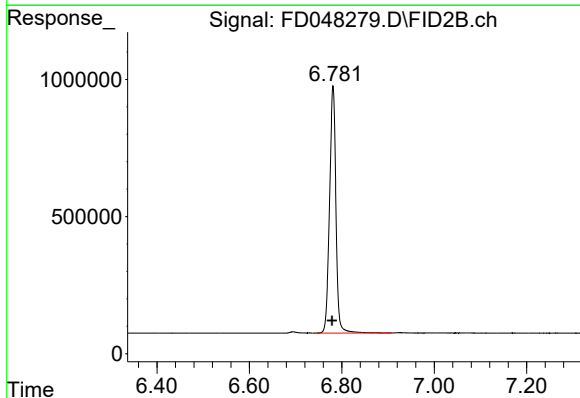
R.T.: 4.213 min  
Delta R.T.: 0.000 min  
Response: 8353992  
Conc: 48.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



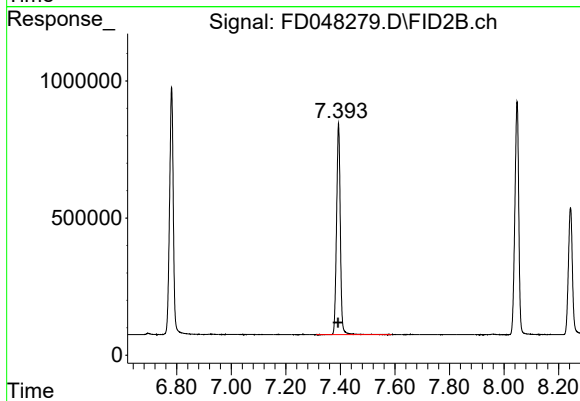
#2 Naphthalene (C11.7)

R.T.: 5.733 min  
Delta R.T.: 0.000 min  
Response: 8638113  
Conc: 48.75 ug/ml



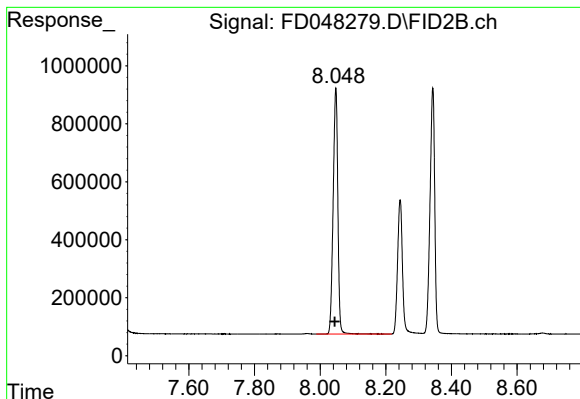
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.781 min  
Delta R.T.: 0.002 min  
Response: 8611762  
Conc: 48.99 ug/ml



#4 2-Bromonaphthalene (SURR)

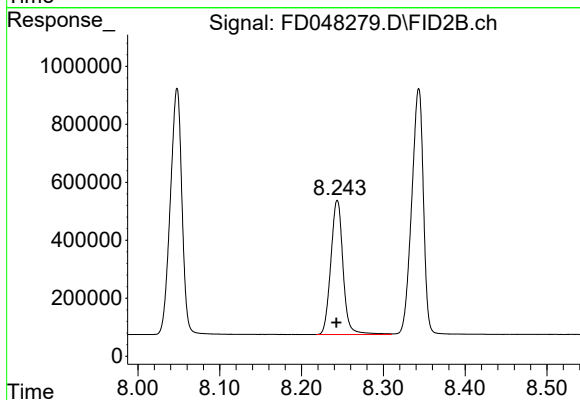
R.T.: 7.393 min  
Delta R.T.: 0.002 min  
Response: 7372684  
Conc: 49.33 ug/ml



#5 Acenaphthylene (C15.06)

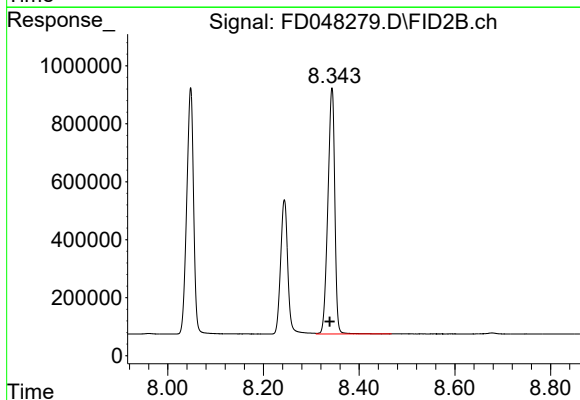
R.T.: 8.047 min  
Delta R.T.: 0.003 min  
Response: 8415009  
Conc: 48.99 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



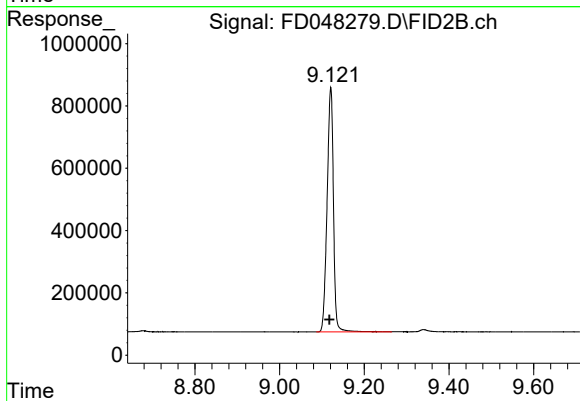
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.244 min  
Delta R.T.: 0.000 min  
Response: 4804768  
Conc: 49.11 ug/ml



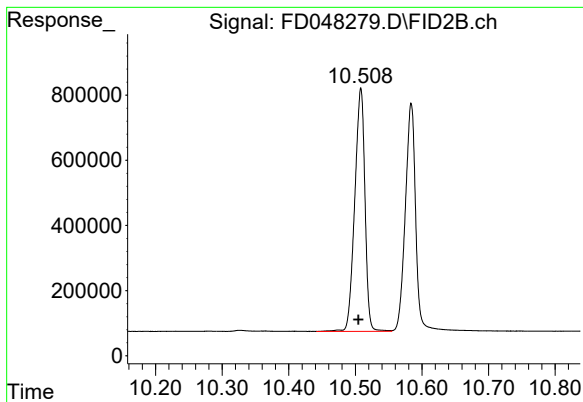
#7 Acenaphthene (C15.5)

R.T.: 8.343 min  
Delta R.T.: 0.004 min  
Response: 8458488  
Conc: 48.63 ug/ml



#8 Fluorene (C16.55)

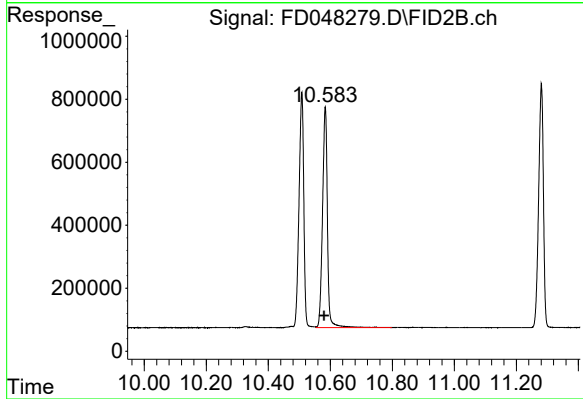
R.T.: 9.121 min  
Delta R.T.: 0.003 min  
Response: 8160794  
Conc: 49.00 ug/ml



#9 Phenanthrene (C19.36)

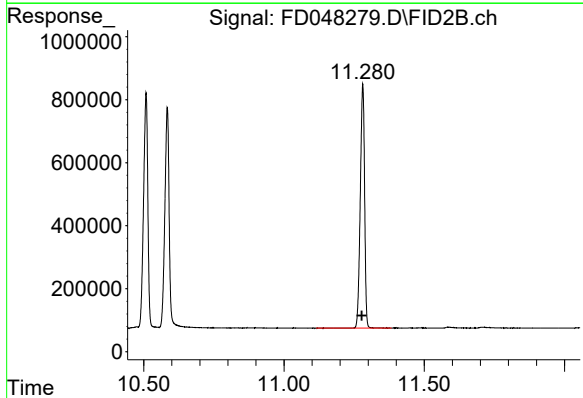
R.T.: 10.508 min  
Delta R.T.: 0.003 min  
Response: 7963793  
Conc: 49.49 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



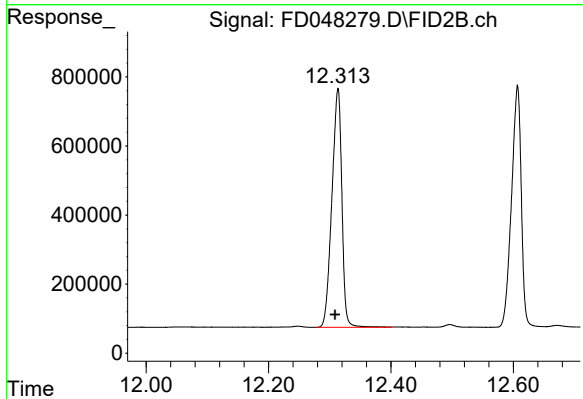
#10 Anthracene (C19.43)

R.T.: 10.584 min  
Delta R.T.: 0.003 min  
Response: 7671918  
Conc: 49.48 ug/ml



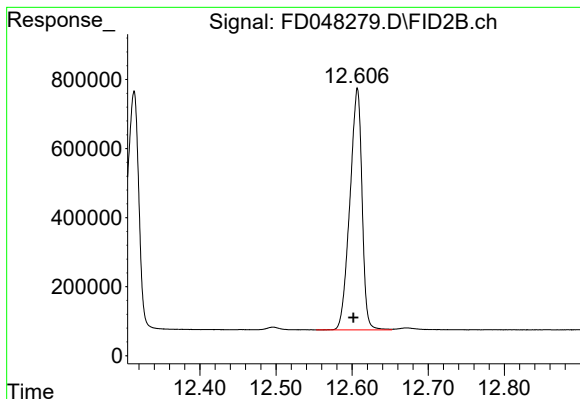
#11 ortho-Terphenyl (SURR)

R.T.: 11.281 min  
Delta R.T.: 0.003 min  
Response: 8254651  
Conc: 49.12 ug/ml



#12 Fluoranthene (C21.85)

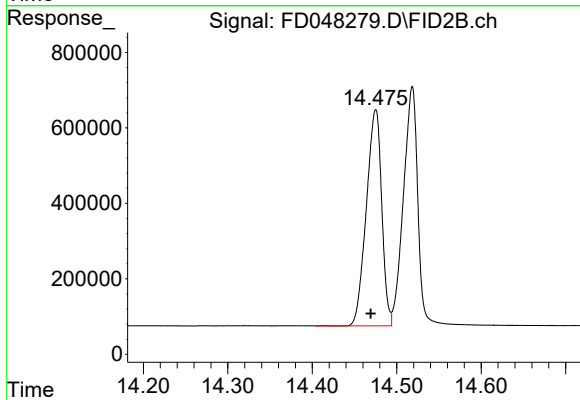
R.T.: 12.313 min  
Delta R.T.: 0.005 min  
Response: 7821636  
Conc: 49.25 ug/ml



#13 Pyrene (C20.8)

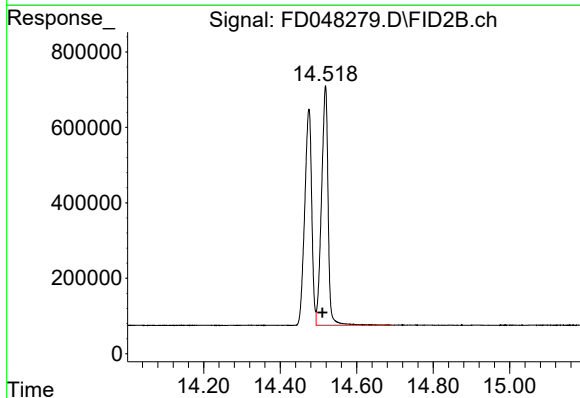
R.T.: 12.607 min  
Delta R.T.: 0.005 min  
Response: 7769995  
Conc: 49.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



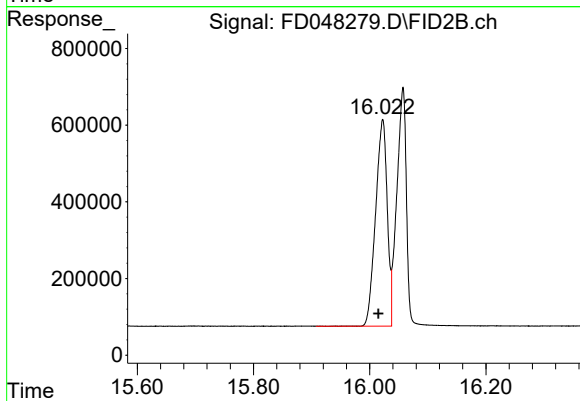
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.475 min  
Delta R.T.: 0.005 min  
Response: 7256084  
Conc: 50.13 ug/ml



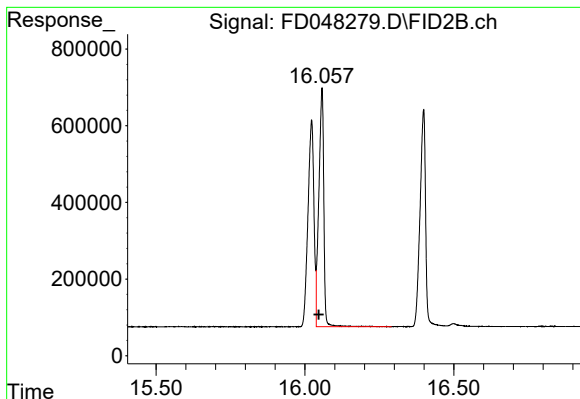
#15 Chrysene (C27.41)

R.T.: 14.518 min  
Delta R.T.: 0.007 min  
Response: 7584615  
Conc: 48.77 ug/ml



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

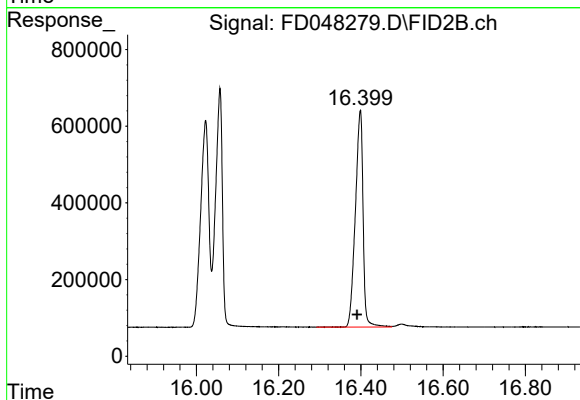
R.T.: 16.022 min  
Delta R.T.: 0.007 min  
Response: 7497351  
Conc: 49.68 ug/ml



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

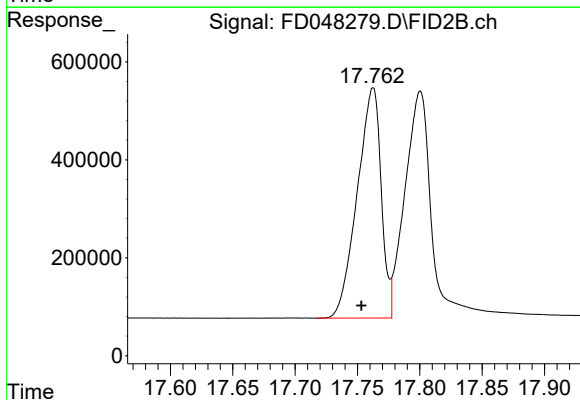
R.T.: 16.057 min  
Delta R.T.: 0.011 min  
Response: 7194031  
Conc: 49.42 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



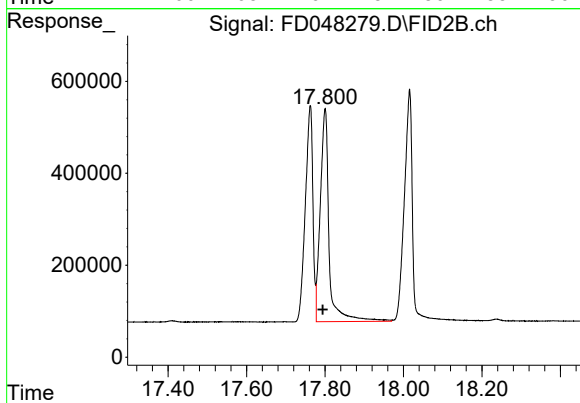
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min  
Delta R.T.: 0.007 min  
Response: 7382253  
Conc: 49.76 ug/ml



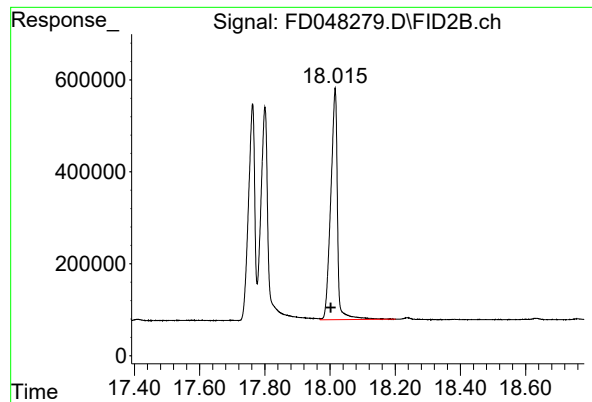
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min  
Delta R.T.: 0.008 min  
Response: 6277119  
Conc: 50.91 ug/ml



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

R.T.: 17.800 min  
Delta R.T.: 0.005 min  
Response: 7229026  
Conc: 49.51 ug/ml



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

R.T.: 18.015 min  
Delta R.T.: 0.012 min  
Response: 7238125  
Conc: 49.64 ug/ml

Instrument :

FID\_D

ClientSampleId :