

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112524AR\  
 Data File : FD048814.D  
 Signal(s) : FID2B.ch  
 Acq On : 25 Nov 2024 16:56  
 Operator : YP/AJ  
 Sample : PB165222BS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 26 00:57:55 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 111424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 14 14:16:25 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

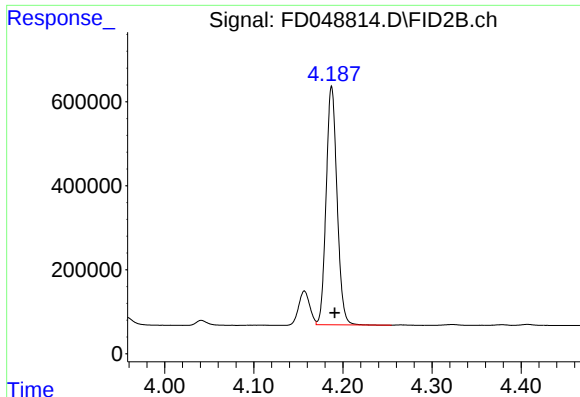
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.365  | 7398065    | 42.020 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 84.04%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.214  | 3907809    | 33.931 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 67.86%       |
| 11) S ortho-Terphenyl (SURR)       | 11.251 | 7264543    | 37.770 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 75.54%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.188  | 4819761    | 25.574 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.704  | 6284836    | 32.135 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.751  | 6475602    | 33.885 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.018  | 7985808    | 41.180 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.313  | 8272096    | 43.007 ug/ml |
| 8) T Flouorene (C16.55)            | 9.092  | 8655597    | 45.116 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.481 | 8995576    | 49.075 ug/ml |
| 10) T Anthracene (C19.43)          | 10.557 | 9107312    | 48.632 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.286 | 10403173   | 56.810 ug/ml |
| 13) T Pyrene (C20.8)               | 12.579 | 9168074    | 50.710 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.450 | 8678450    | 52.756 ug/ml |
| 15) T Chrysene (C27.41)            | 14.493 | 8673981    | 49.562 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.998 | 8254492    | 52.537 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.033 | 8273814    | 50.699 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.373 | 7848802    | 52.642 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.741 | 7644249    | 61.882 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.778 | 7537055    | 48.064 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.993 | 7313758    | 51.258 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

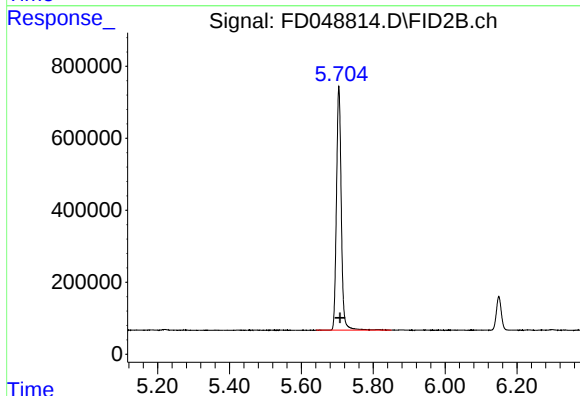




#1 1,2,3-Trimethylbenzene (C10.1)

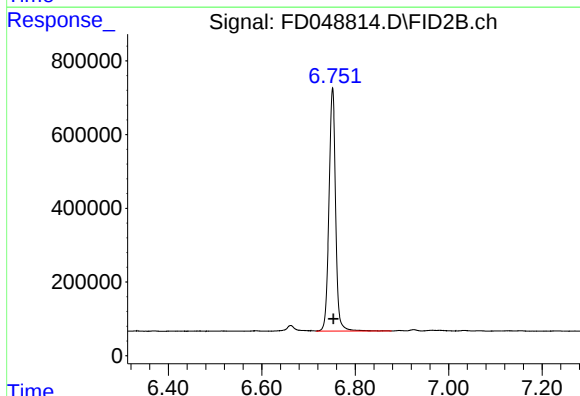
R.T.: 4.188 min  
Delta R.T.: -0.003 min  
Response: 4819761  
Conc: 25.57 ug/ml

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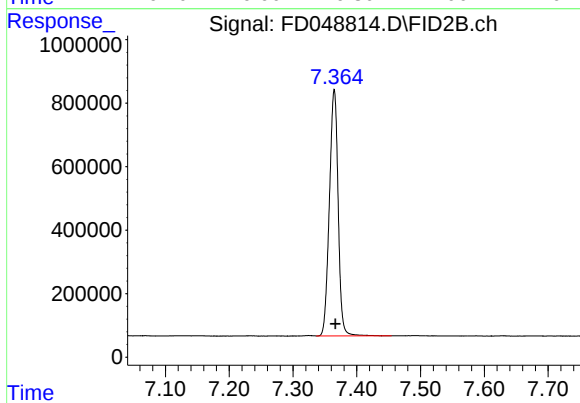
#2 Naphthalene (C11.7)

R.T.: 5.704 min  
Delta R.T.: -0.003 min  
Response: 6284836  
Conc: 32.14 ug/ml



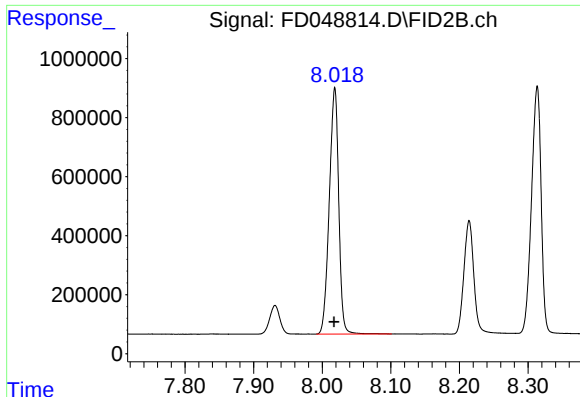
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min  
Delta R.T.: -0.002 min  
Response: 6475602  
Conc: 33.88 ug/ml



#4 2-Bromonaphthalene (SURR)

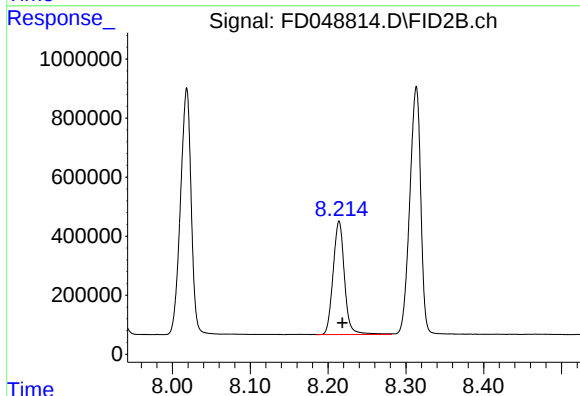
R.T.: 7.365 min  
Delta R.T.: -0.002 min  
Response: 7398065  
Conc: 42.02 ug/ml



#5 Acenaphthylene (C15.06)

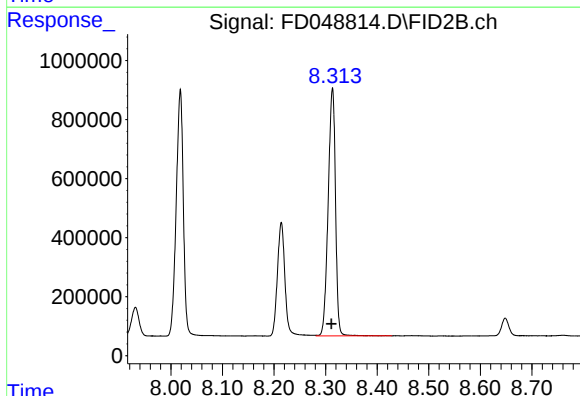
R.T.: 8.018 min  
Delta R.T.: 0.000 min  
Response: 7985808  
Conc: 41.18 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



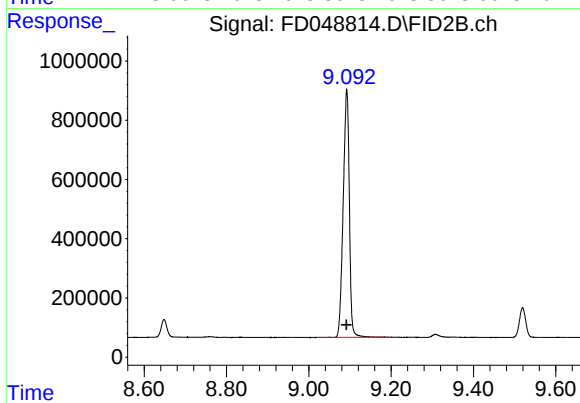
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min  
Delta R.T.: -0.004 min  
Response: 3907809  
Conc: 33.93 ug/ml



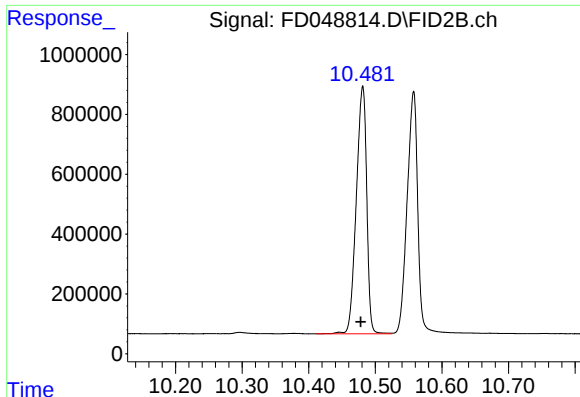
#7 Acenaphthene (C15.5)

R.T.: 8.313 min  
Delta R.T.: 0.002 min  
Response: 8272096  
Conc: 43.01 ug/ml



#8 Fluorene (C16.55)

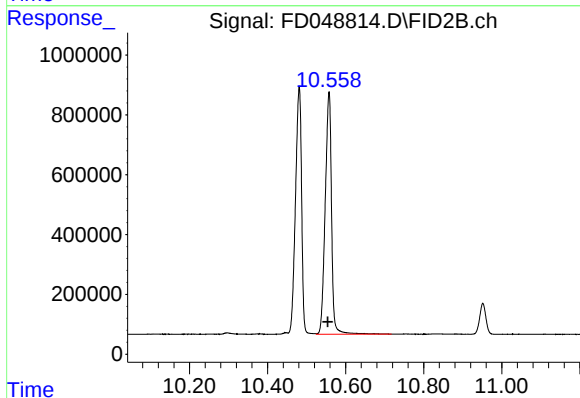
R.T.: 9.092 min  
Delta R.T.: 0.000 min  
Response: 8655597  
Conc: 45.12 ug/ml



#9 Phenanthrene (C19.36)

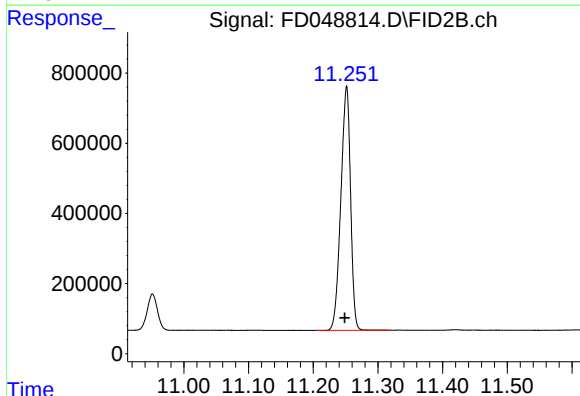
R.T.: 10.481 min  
Delta R.T.: 0.003 min  
Response: 8995576  
Conc: 49.07 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



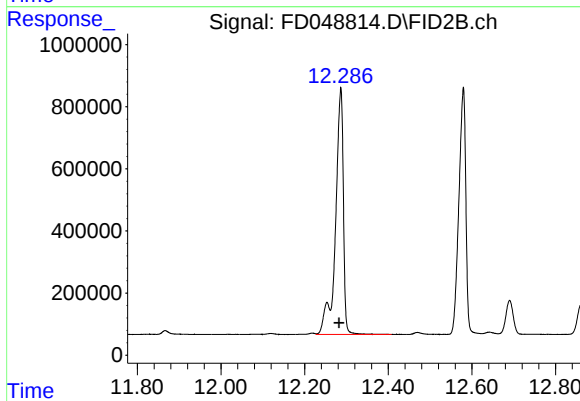
#10 Anthracene (C19.43)

R.T.: 10.557 min  
Delta R.T.: 0.003 min  
Response: 9107312  
Conc: 48.63 ug/ml



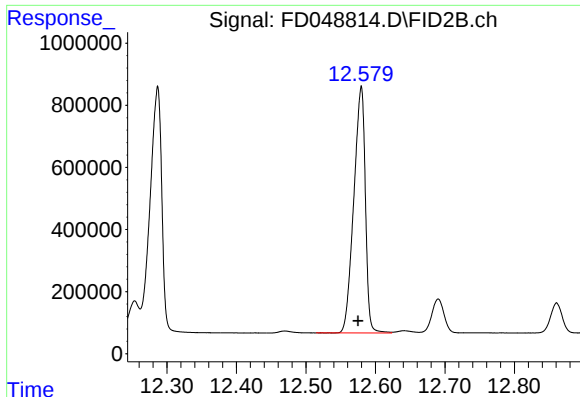
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min  
Delta R.T.: 0.003 min  
Response: 7264543  
Conc: 37.77 ug/ml



#12 Fluoranthene (C21.85)

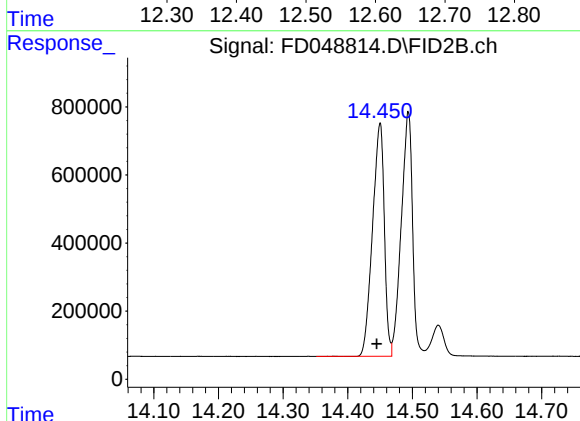
R.T.: 12.286 min  
Delta R.T.: 0.003 min  
Response: 10403173  
Conc: 56.81 ug/ml



#13 Pyrene (C20.8)

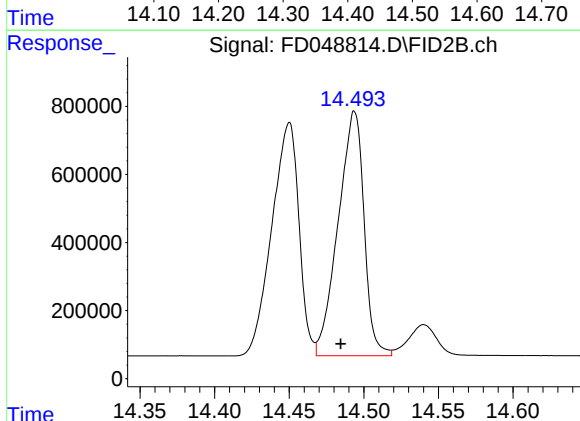
R.T.: 12.579 min  
Delta R.T.: 0.004 min  
Response: 9168074  
Conc: 50.71 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



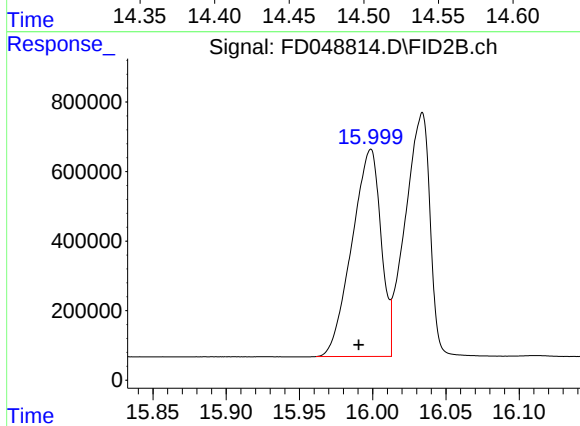
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min  
Delta R.T.: 0.005 min  
Response: 8678450  
Conc: 52.76 ug/ml



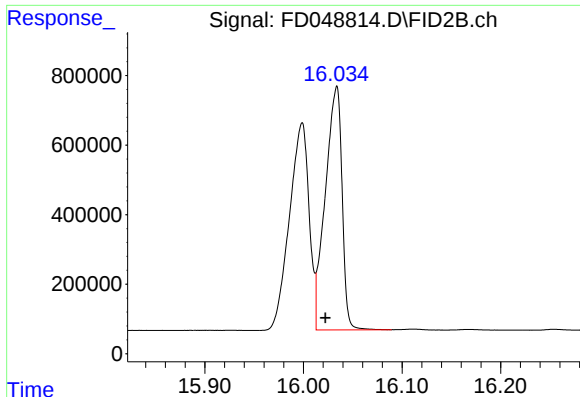
#15 Chrysene (C27.41)

R.T.: 14.493 min  
Delta R.T.: 0.009 min  
Response: 8673981  
Conc: 49.56 ug/ml



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

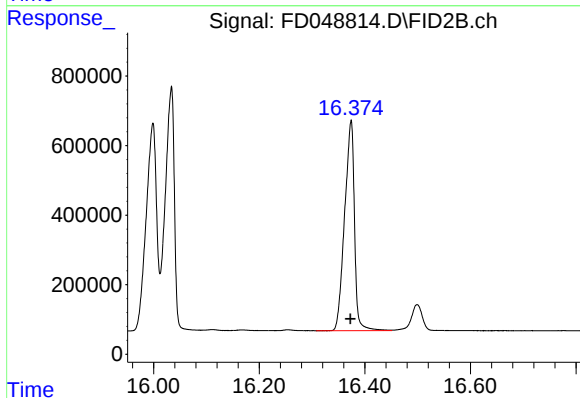
R.T.: 15.998 min  
Delta R.T.: 0.007 min  
Response: 8254492  
Conc: 52.54 ug/ml



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

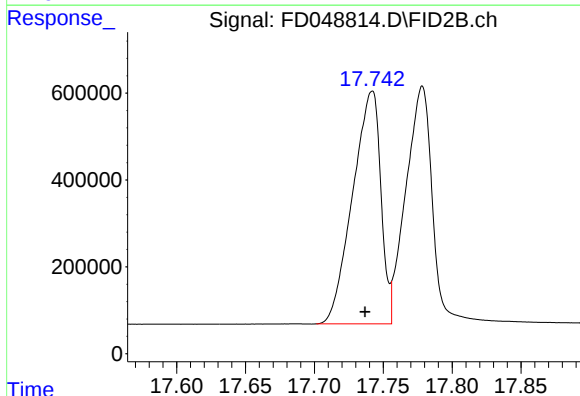
R.T.: 16.033 min  
Delta R.T.: 0.010 min  
Response: 8273814  
Conc: 50.70 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



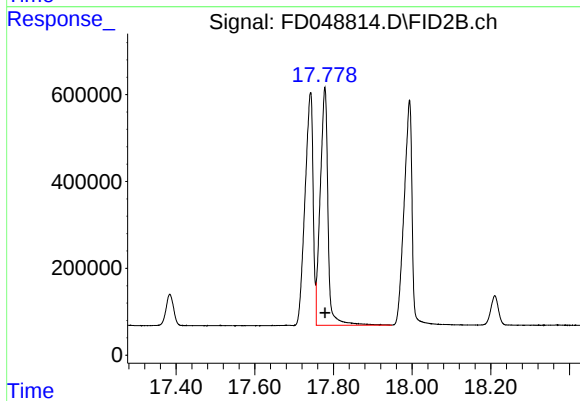
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min  
Delta R.T.: 0.000 min  
Response: 7848802  
Conc: 52.64 ug/ml



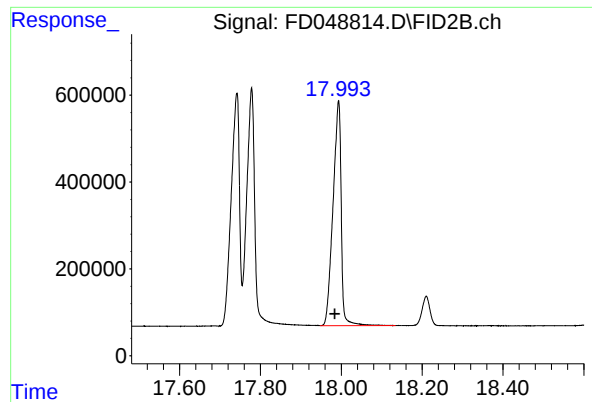
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min  
Delta R.T.: 0.004 min  
Response: 7644249  
Conc: 61.88 ug/ml



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

R.T.: 17.778 min  
Delta R.T.: 0.000 min  
Response: 7537055  
Conc: 48.06 ug/ml



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

R.T.: 17.993 min  
Delta R.T.: 0.009 min  
Response: 7313758  
Conc: 51.26 ug/ml

Instrument :

FID\_D

ClientSampleId :