

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121423AR\  
 Data File : FD047032.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Dec 2023 17:57  
 Operator : YP/AJ  
 Sample : PB157783BS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 14 23:25:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112423.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 24 13:30:33 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...      | 7.473  | 9359168    | 54.098 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 108.20%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.326  | 4964476    | 45.654 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 91.31%       |
| 11) S ortho-Terphenyl (SURR)       | 11.365 | 10774424   | 54.144 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 108.29%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.287  | 6806716    | 36.583 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.812  | 8118383    | 42.632 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.861  | 8399289    | 43.616 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.131  | 9090272    | 52.221 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.426  | 8922029    | 48.109 ug/ml |
| 8) T Fluorene (C16.55)             | 9.205  | 9189614    | 53.238 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.593 | 9364387    | 57.035 ug/ml |
| 10) T Anthracene (C19.43)          | 10.669 | 9001487    | 58.209 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.398 | 9747919    | 61.503 ug/ml |
| 13) T Pyrene (C20.8)               | 12.693 | 9684843    | 63.299 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.556 | 8274133    | 63.813 ug/ml |
| 15) T Chrysene (C27.41)            | 14.600 | 8381700    | 58.477 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.098 | 8145233    | 60.981 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.134 | 8105572    | 59.328 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.475 | 7733223    | 59.028 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.834 | 7453271    | 62.464 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.872 | 6789929    | 52.255 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.086 | 7223405    | 55.208 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

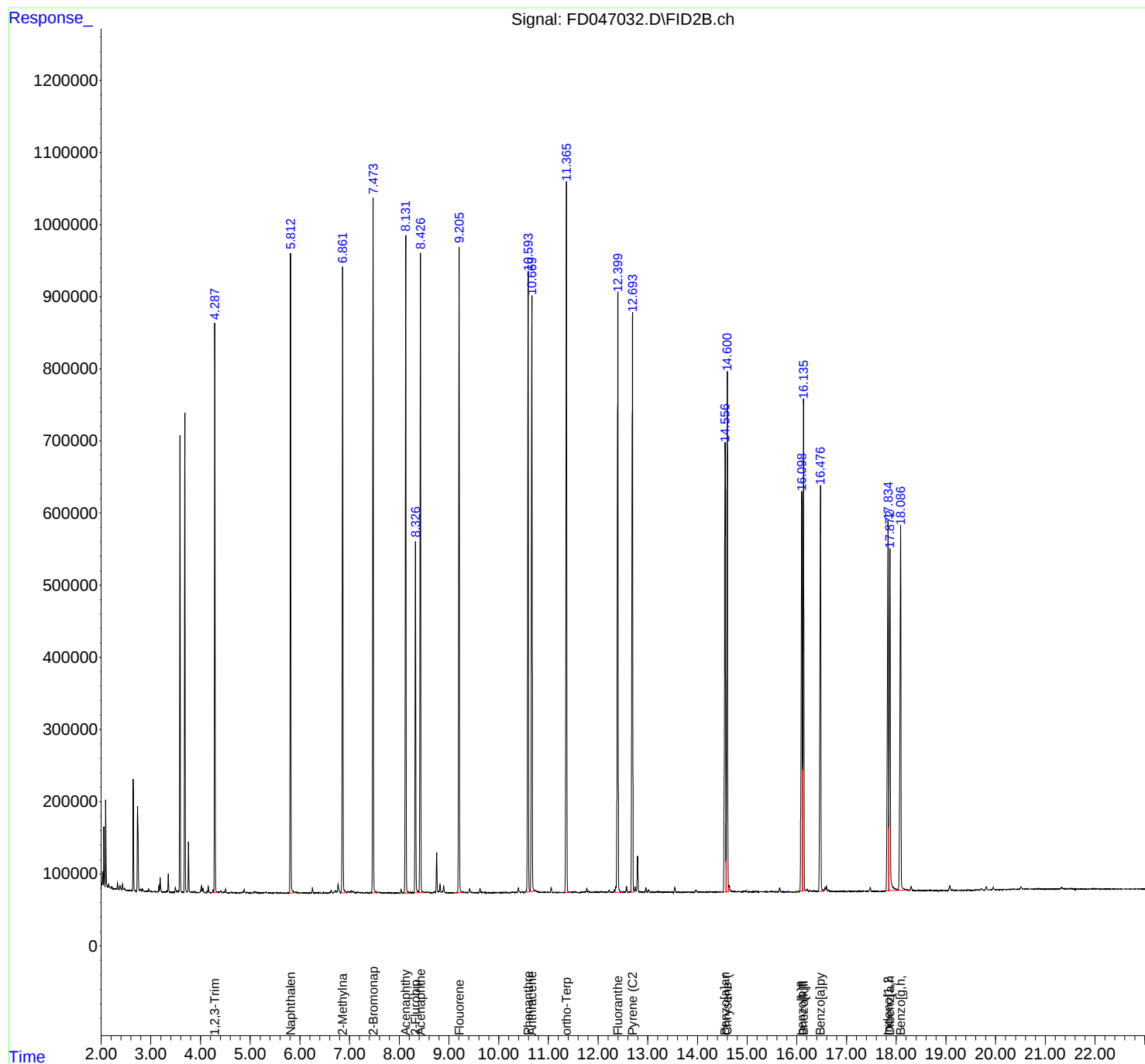
(m)=manual int.

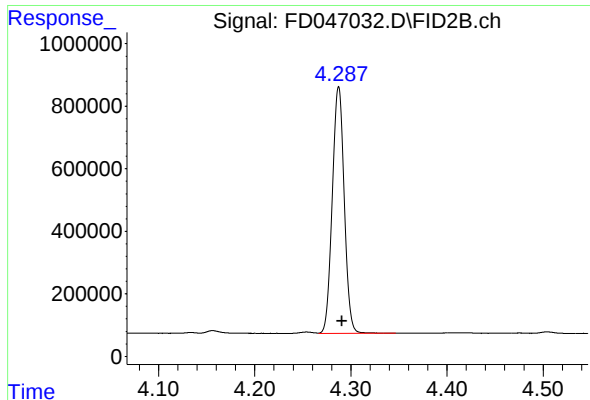
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

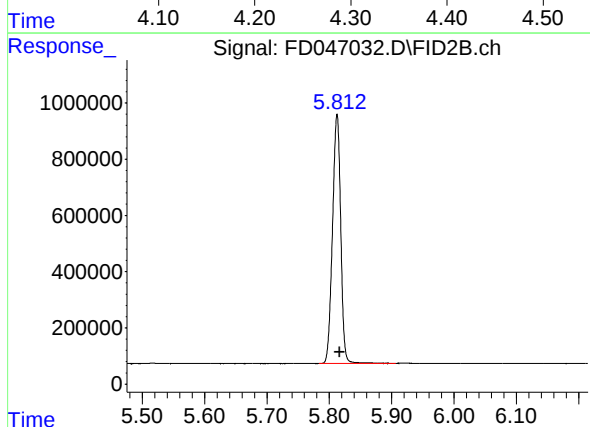




#1 1,2,3-Trimethylbenzene (C10.1)

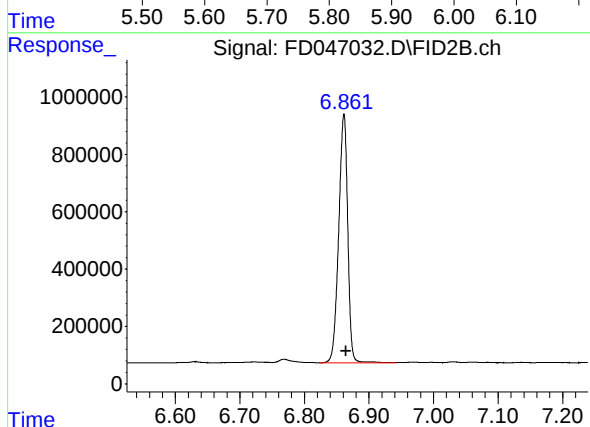
R.T.: 4.287 min  
Delta R.T.: -0.004 min  
Response: 6806716  
Conc: 36.58 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



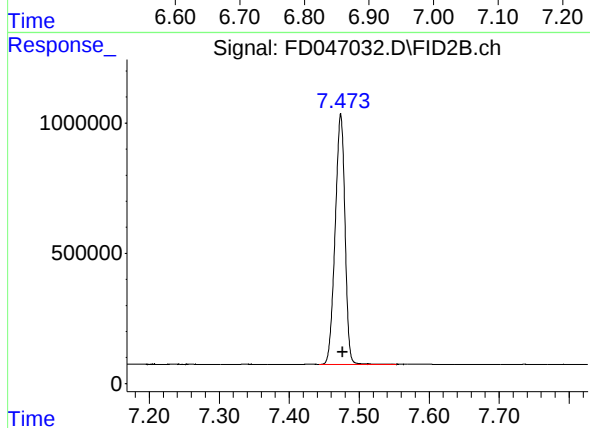
#2 Naphthalene (C11.7)

R.T.: 5.812 min  
Delta R.T.: -0.004 min  
Response: 8118383  
Conc: 42.63 ug/ml



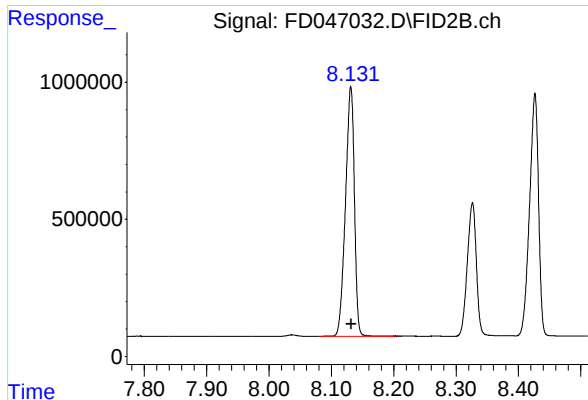
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.861 min  
Delta R.T.: -0.003 min  
Response: 8399289  
Conc: 43.62 ug/ml



#4 2-Bromonaphthalene (SURR)

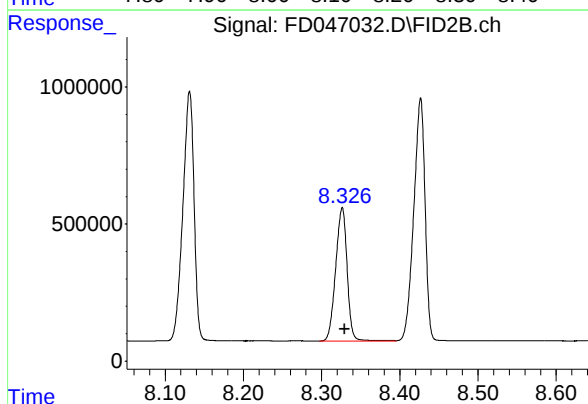
R.T.: 7.473 min  
Delta R.T.: -0.003 min  
Response: 9359168  
Conc: 54.10 ug/ml



#5 Acenaphthylene (C15.06)

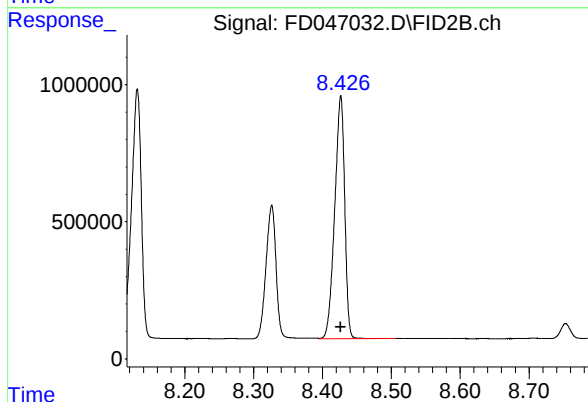
R.T.: 8.131 min  
Delta R.T.: -0.001 min  
Response: 9090272  
Conc: 52.22 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



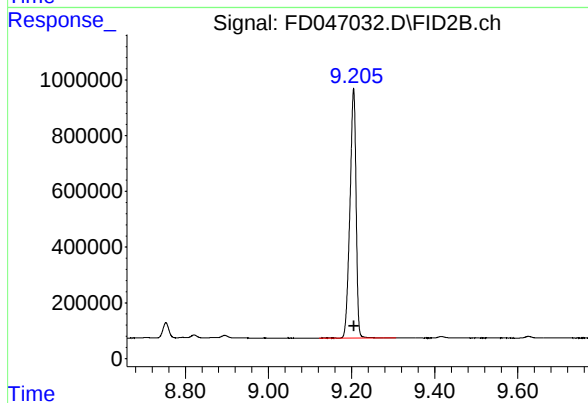
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.326 min  
Delta R.T.: -0.003 min  
Response: 4964476  
Conc: 45.65 ug/ml



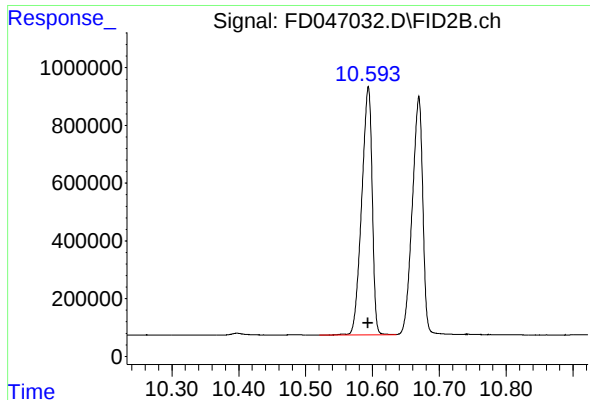
#7 Acenaphthene (C15.5)

R.T.: 8.426 min  
Delta R.T.: 0.000 min  
Response: 8922029  
Conc: 48.11 ug/ml



#8 Flouorene (C16.55)

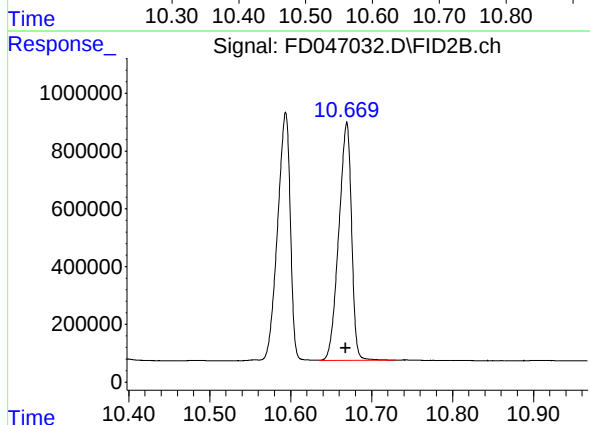
R.T.: 9.205 min  
Delta R.T.: -0.001 min  
Response: 9189614  
Conc: 53.24 ug/ml



#9 Phenanthrene (C19.36)

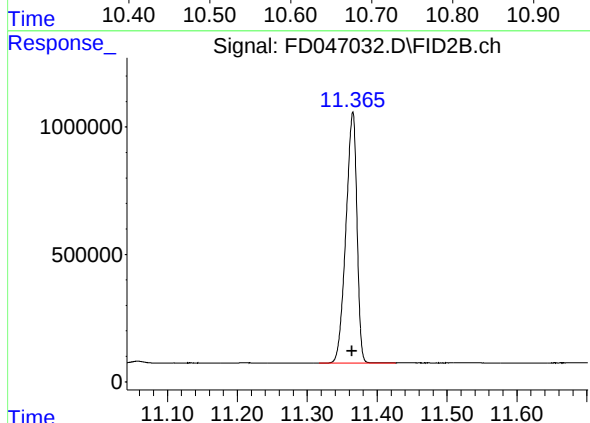
R.T.: 10.593 min  
Delta R.T.: 0.000 min  
Response: 9364387  
Conc: 57.04 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



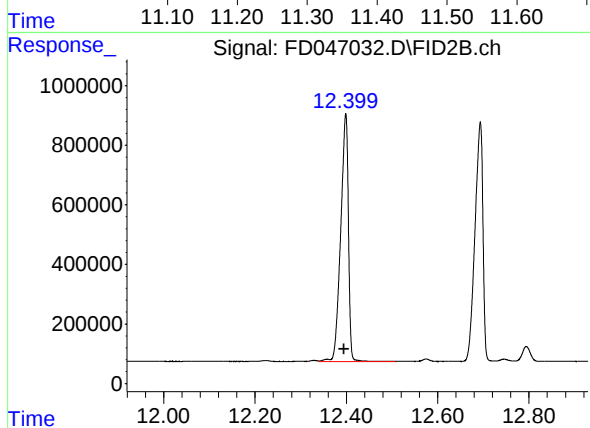
#10 Anthracene (C19.43)

R.T.: 10.669 min  
Delta R.T.: 0.000 min  
Response: 9001487  
Conc: 58.21 ug/ml



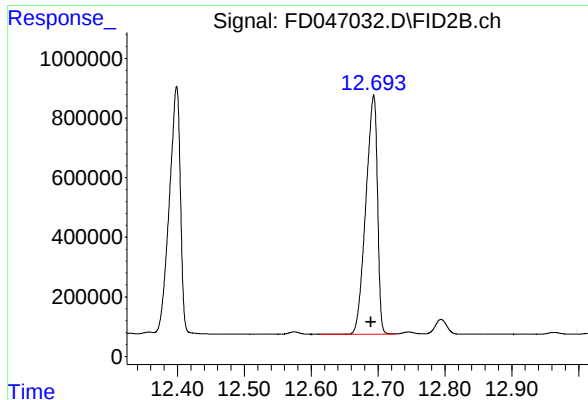
#11 ortho-Terphenyl (SURR)

R.T.: 11.365 min  
Delta R.T.: 0.000 min  
Response: 10774424  
Conc: 54.14 ug/ml



#12 Fluoranthene (C21.85)

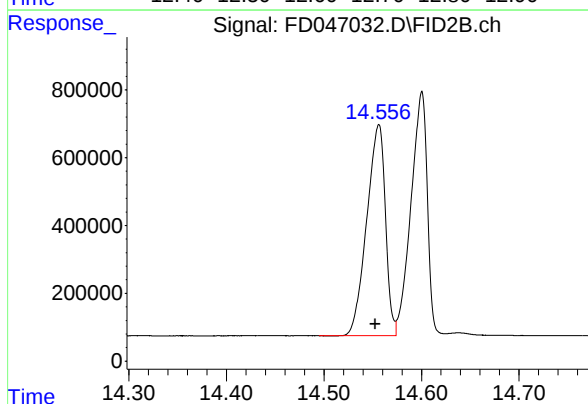
R.T.: 12.398 min  
Delta R.T.: 0.003 min  
Response: 9747919  
Conc: 61.50 ug/ml



#13 Pyrene (C20.8)

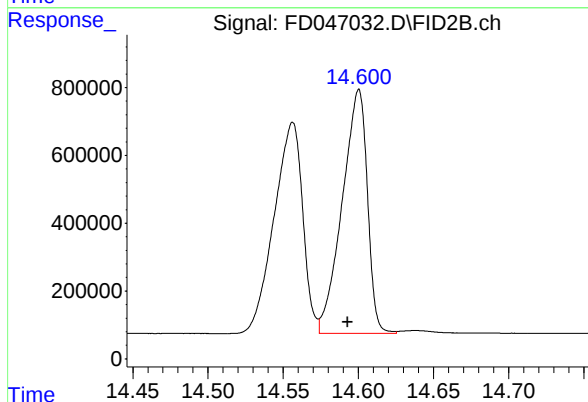
R.T.: 12.693 min  
Delta R.T.: 0.004 min  
Response: 9684843  
Conc: 63.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



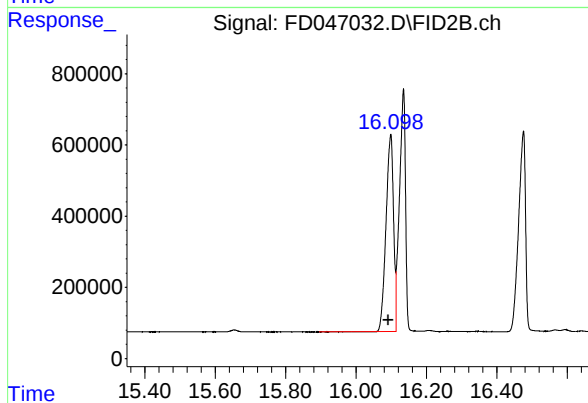
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min  
Delta R.T.: 0.003 min  
Response: 8274133  
Conc: 63.81 ug/ml



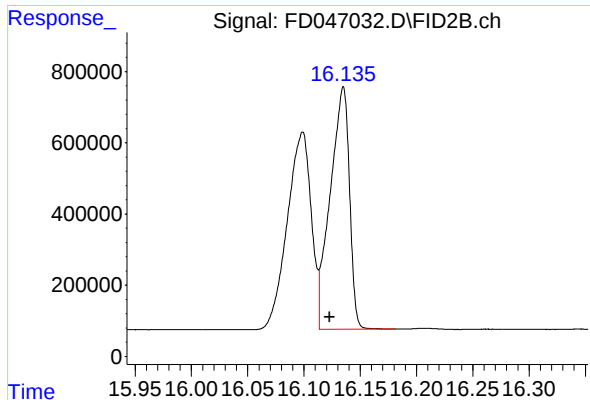
#15 Chrysene (C27.41)

R.T.: 14.600 min  
Delta R.T.: 0.007 min  
Response: 8381700  
Conc: 58.48 ug/ml



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

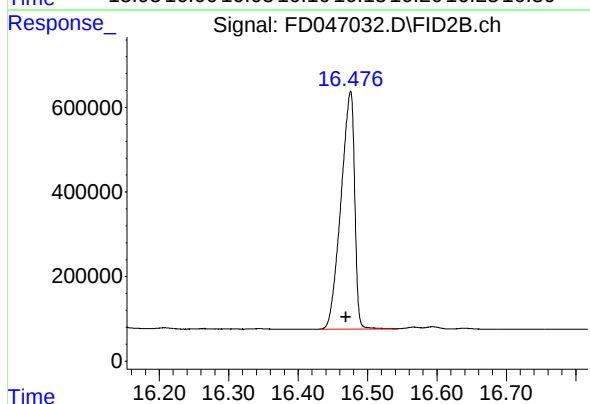
R.T.: 16.098 min  
Delta R.T.: 0.006 min  
Response: 8145233  
Conc: 60.98 ug/ml



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

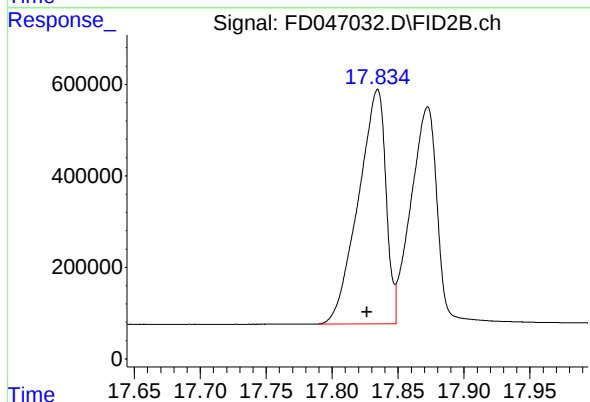
R.T.: 16.134 min  
Delta R.T.: 0.011 min  
Response: 8105572  
Conc: 59.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



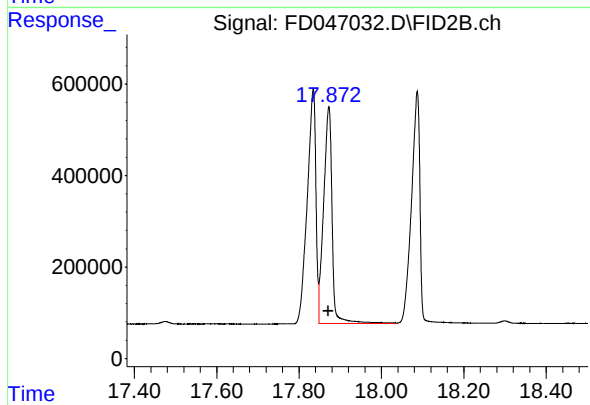
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min  
Delta R.T.: 0.006 min  
Response: 7733223  
Conc: 59.03 ug/ml



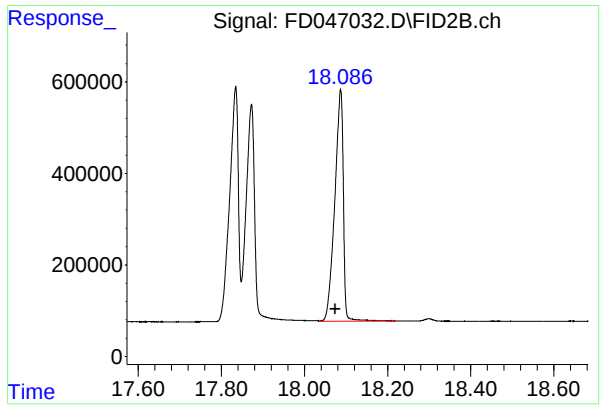
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.834 min  
Delta R.T.: 0.007 min  
Response: 7453271  
Conc: 62.46 ug/ml



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

R.T.: 17.872 min  
Delta R.T.: 0.000 min  
Response: 6789929  
Conc: 52.26 ug/ml



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

R.T.: 18.086 min

Delta R.T.: 0.012 min

Response: 7223405

Conc: 55.21 ug/ml

Instrument :

FID\_D

ClientSampleId :