

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040725AR\  
 Data File : FD049233.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Apr 2025 16:52  
 Operator : YP/AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e  
 Quant Time: Apr 08 05:15:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 05:14:19 2025  
 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...      | 7.755  | 7153645    | 49.489 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.98%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.623  | 4986867    | 49.744 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 99.49%       |
| 11) S ortho-Terphenyl (SURR)       | 11.666 | 8388521    | 48.291 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 96.58%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.545  | 7106531    | 48.619 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.092  | 7875710    | 49.392 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.146  | 7825460    | 49.589 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.427  | 8498837    | 49.227 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.724  | 8301504    | 49.257 ug/ml |
| 8) T Fluorene (C16.55)             | 9.504  | 8435768    | 49.256 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.904 | 8259539    | 48.459 ug/ml |
| 10) T Anthracene (C19.43)          | 10.979 | 7670471    | 49.089 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.719 | 8058283    | 47.653 ug/ml |
| 13) T Pyrene (C20.8)               | 13.017 | 7987306    | 47.736 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.886 | 6986999    | 48.403 ug/ml |
| 15) T Chrysene (C27.41)            | 14.932 | 6970327    | 48.122 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.437 | 6628872    | 47.687 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.473 | 6537274    | 47.672 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.818 | 6221734    | 47.913 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.182 | 5892319    | 48.344 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.221 | 5993464    | 47.238 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.442 | 6185944    | 47.564 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

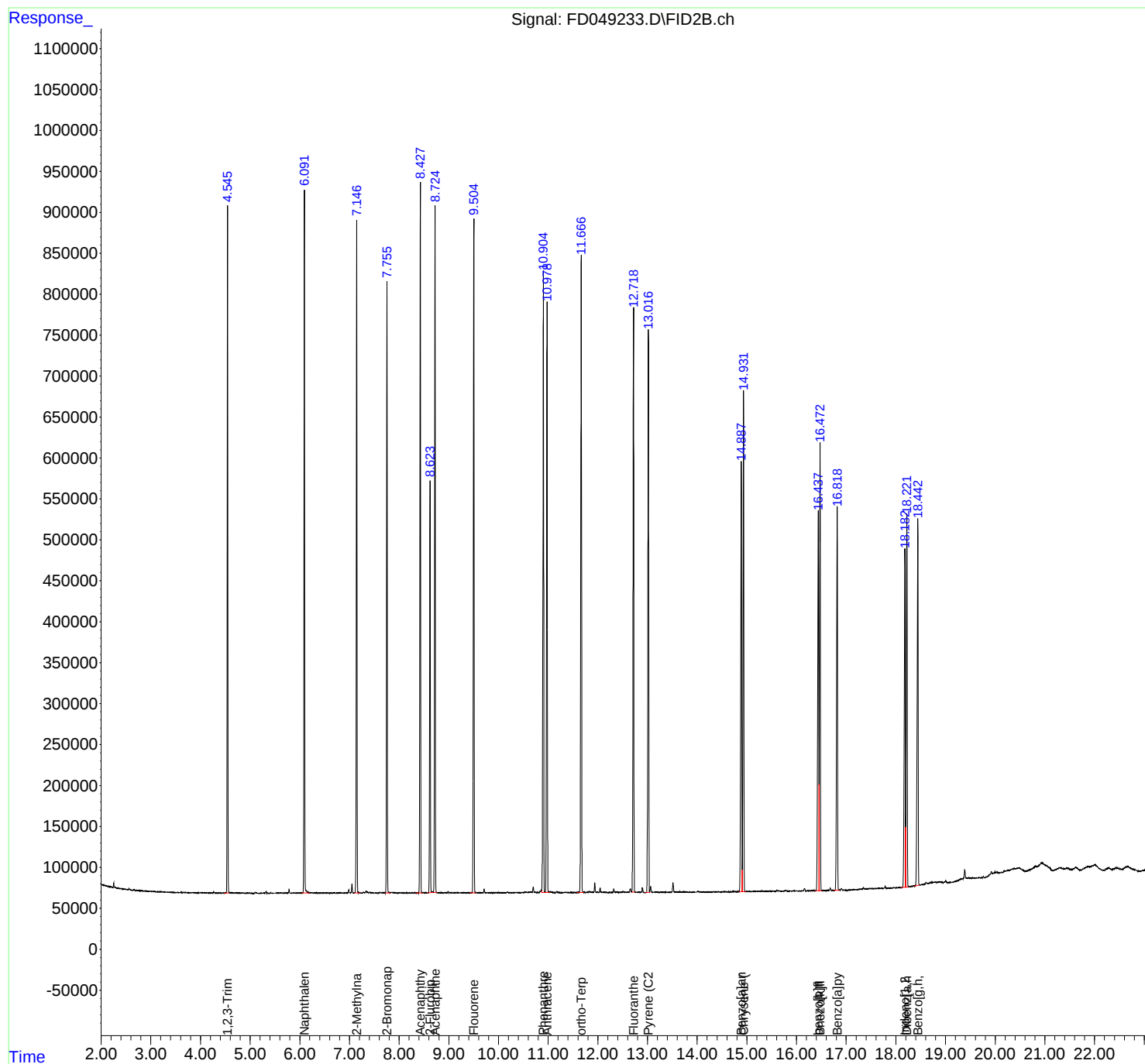
(m)=manual int.

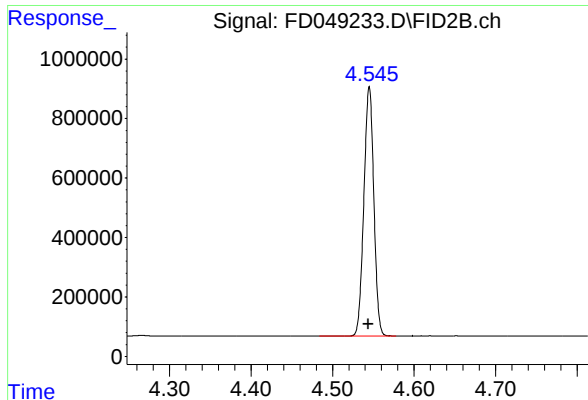
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Volume Inj. : 1 µl  
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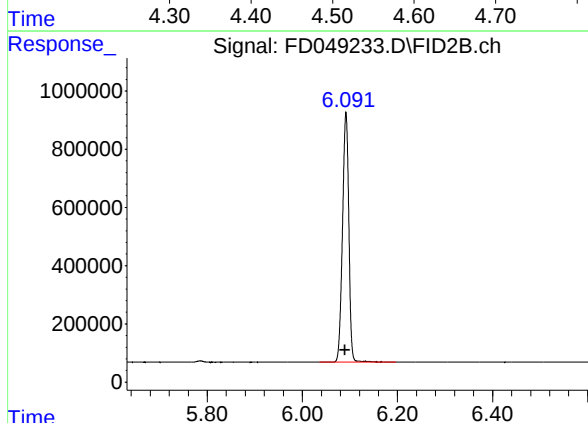




#1 1,2,3-Trimethylbenzene (C10.1)

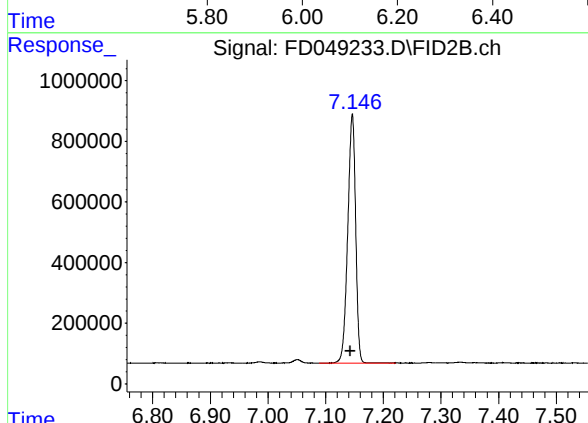
R.T.: 4.545 min  
Delta R.T.: 0.001 min  
Response: 7106531  
Conc: 48.62 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
50 PPM AROMATIC HC STD2



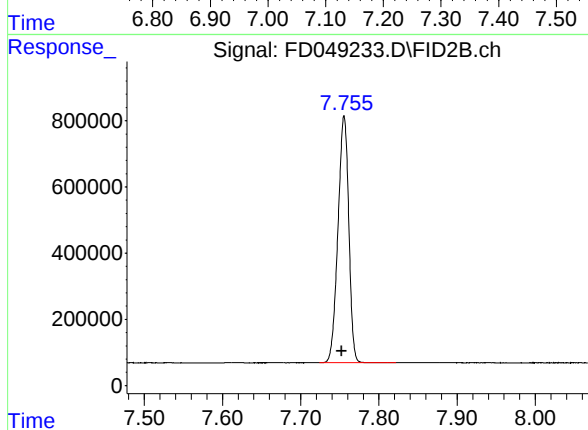
#2 Naphthalene (C11.7)

R.T.: 6.092 min  
Delta R.T.: 0.002 min  
Response: 7875710  
Conc: 49.39 ug/ml



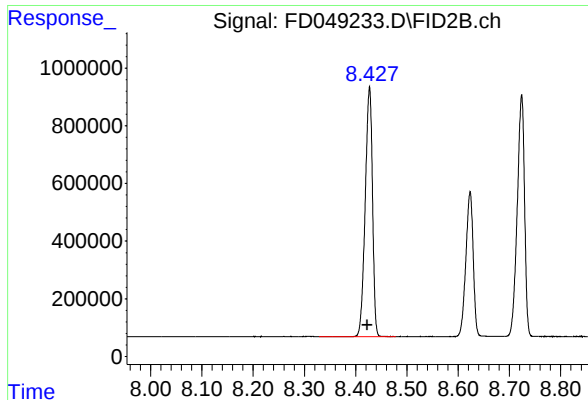
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.146 min  
Delta R.T.: 0.003 min  
Response: 7825460  
Conc: 49.59 ug/ml



#4 2-Bromonaphthalene (SURR)

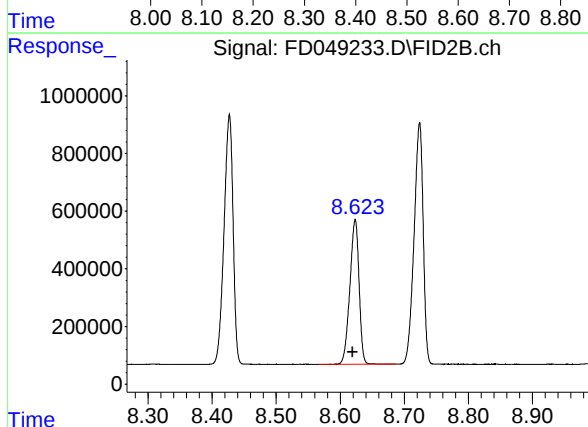
R.T.: 7.755 min  
Delta R.T.: 0.003 min  
Response: 7153645  
Conc: 49.49 ug/ml



#5 Acenaphthylene (C15.06)

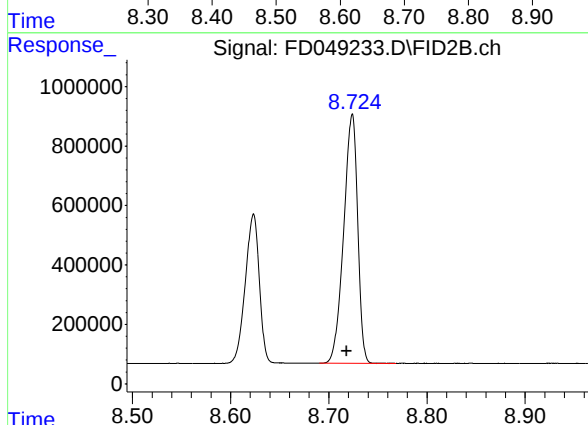
R.T.: 8.427 min  
Delta R.T.: 0.004 min  
Response: 8498837  
Conc: 49.23 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
50 PPM AROMATIC HC STD2



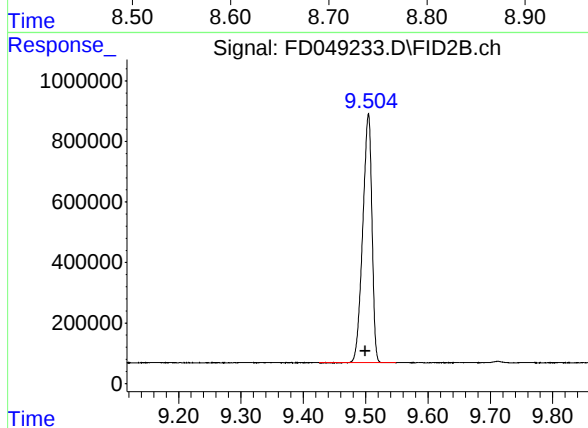
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.623 min  
Delta R.T.: 0.004 min  
Response: 4986867  
Conc: 49.74 ug/ml



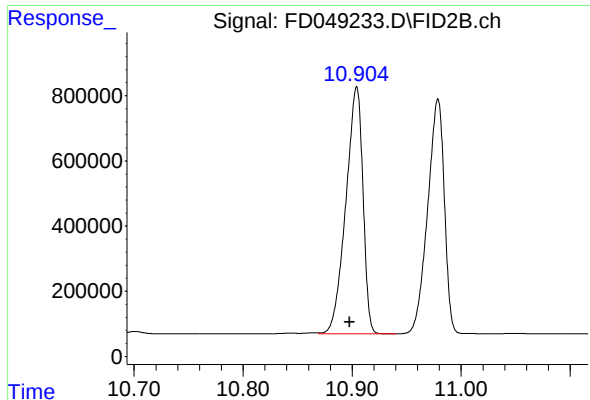
#7 Acenaphthene (C15.5)

R.T.: 8.724 min  
Delta R.T.: 0.006 min  
Response: 8301504  
Conc: 49.26 ug/ml



#8 Fluorene (C16.55)

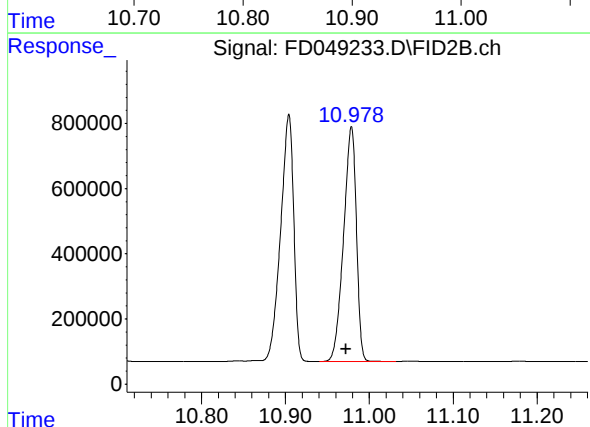
R.T.: 9.504 min  
Delta R.T.: 0.005 min  
Response: 8435768  
Conc: 49.26 ug/ml



#9 Phenanthrene (C19.36)

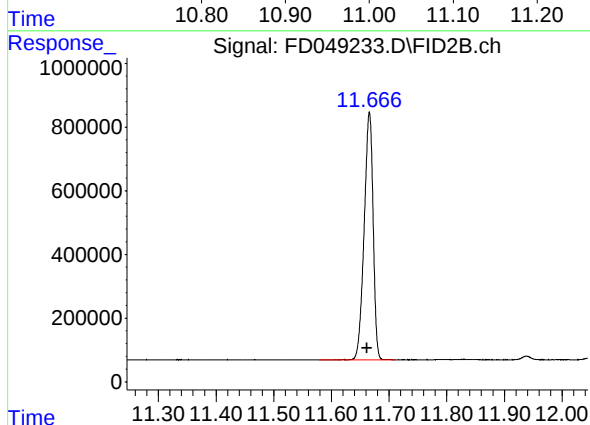
R.T.: 10.904 min  
Delta R.T.: 0.006 min  
Response: 8259539  
Conc: 48.46 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
50 PPM AROMATIC HC STD2



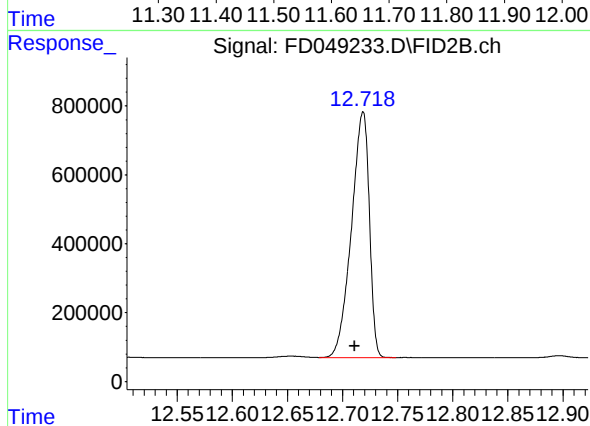
#10 Anthracene (C19.43)

R.T.: 10.979 min  
Delta R.T.: 0.007 min  
Response: 7670471  
Conc: 49.09 ug/ml



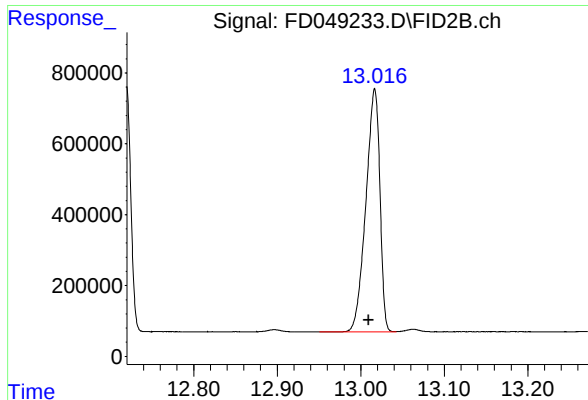
#11 ortho-Terphenyl (SURRE)

R.T.: 11.666 min  
Delta R.T.: 0.004 min  
Response: 8388521  
Conc: 48.29 ug/ml



#12 Fluoranthene (C21.85)

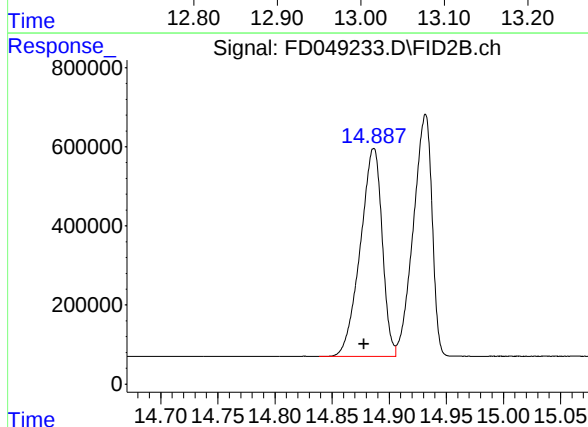
R.T.: 12.719 min  
Delta R.T.: 0.008 min  
Response: 8058283  
Conc: 47.65 ug/ml



#13 Pyrene (C20.8)

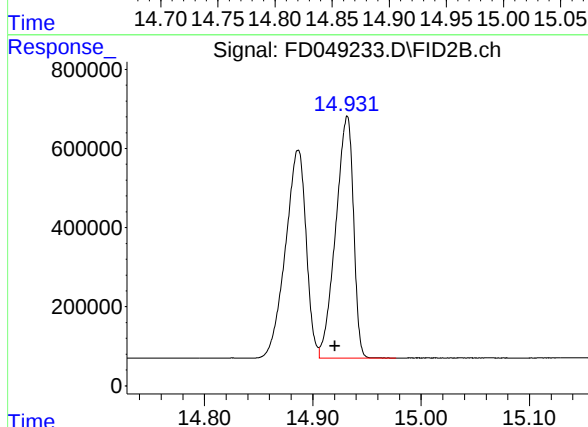
R.T.: 13.017 min  
Delta R.T.: 0.007 min  
Response: 7987306  
Conc: 47.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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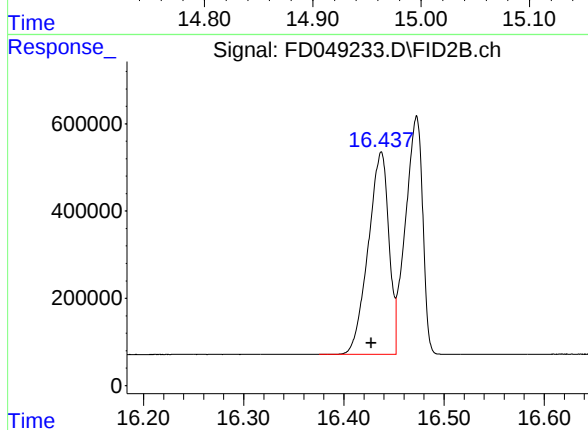
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.886 min  
Delta R.T.: 0.009 min  
Response: 6986999  
Conc: 48.40 ug/ml



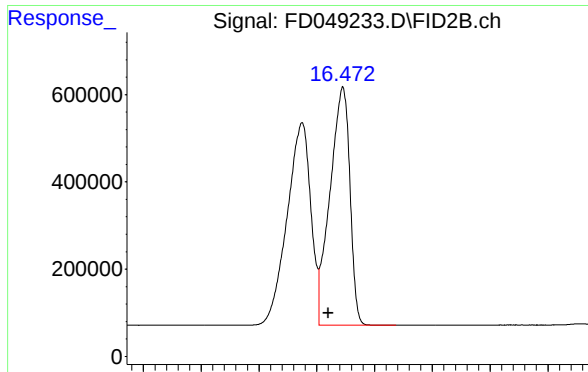
#15 Chrysene (C27.41)

R.T.: 14.932 min  
Delta R.T.: 0.011 min  
Response: 6970327  
Conc: 48.12 ug/ml



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

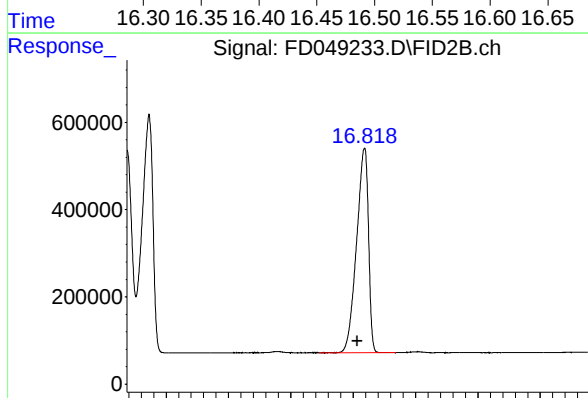
R.T.: 16.437 min  
Delta R.T.: 0.010 min  
Response: 6628872  
Conc: 47.69 ug/ml



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

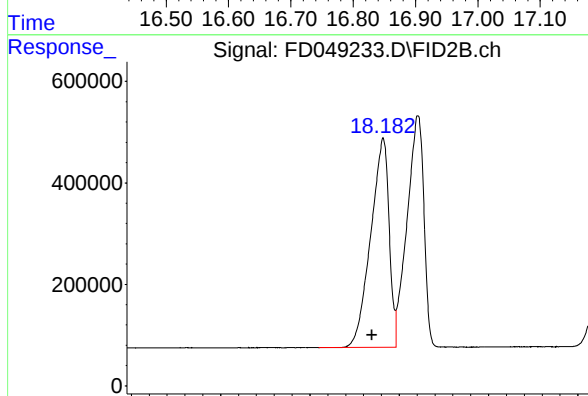
R.T.: 16.473 min  
Delta R.T.: 0.013 min  
Response: 6537274  
Conc: 47.67 ug/ml

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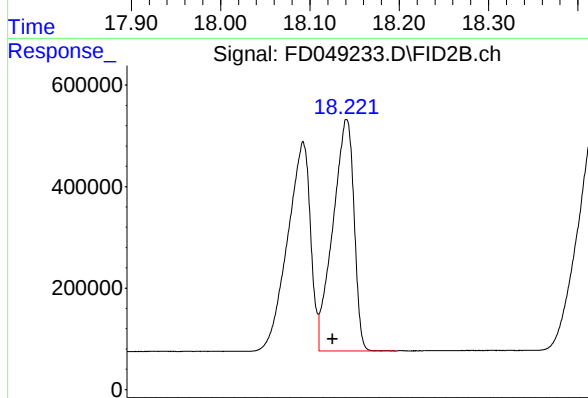
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.818 min  
Delta R.T.: 0.012 min  
Response: 6221734  
Conc: 47.91 ug/ml



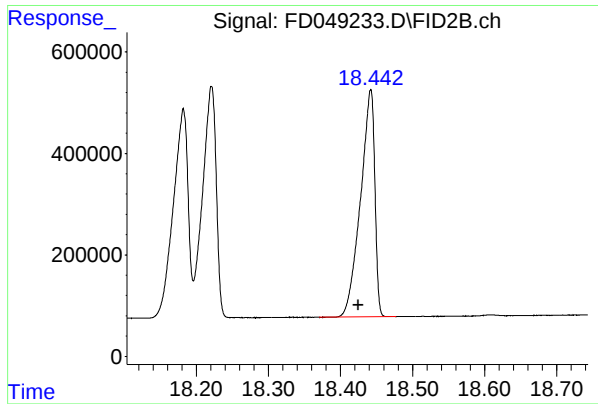
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.182 min  
Delta R.T.: 0.013 min  
Response: 5892319  
Conc: 48.34 ug/ml



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

R.T.: 18.221 min  
Delta R.T.: 0.013 min  
Response: 5993464  
Conc: 47.24 ug/ml



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

R.T.: 18.442 min

Delta R.T.: 0.017 min

Response: 6185944

Conc: 47.56 ug/ml

Instrument :

FID\_D

ClientSampleId :

50 PPM AROMATIC HC STD2