

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020725AR\  
 Data File : FD049057.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Feb 2025 14:20  
 Operator : YP/AJ  
 Sample : Q1308-04MS  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 EX-11-TPH-5MS

Integration File: autoint1.e  
 Quant Time: Feb 07 23:58:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 012425.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 25 03:38:15 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...      | 7.354  | 7314364    | 51.393 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 102.79%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.204  | 4239389    | 49.824 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 99.65%       |
| 11) S ortho-Terphenyl (SURR)       | 11.237 | 5336831    | 32.452 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 64.90%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.176  | 4158510    | 26.978 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.693  | 4949634    | 31.665 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.740  | 4951450    | 31.918 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.006  | 5956386    | 36.421 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.300  | 6237251    | 37.135 ug/ml |
| 8) T Fluorene (C16.55)             | 9.079  | 6299230    | 40.268 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.466 | 6232779    | 40.924 ug/ml |
| 10) T Anthracene (C19.43)          | 10.542 | 6247451    | 41.014 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.271 | 6343726    | 40.330 ug/ml |
| 13) T Pyrene (C20.8)               | 12.564 | 6177274    | 39.212 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.434 | 5863635    | 45.568 ug/ml |
| 15) T Chrysene (C27.41)            | 14.476 | 5828619    | 34.469 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.983 | 5828935    | 42.662 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.016 | 5933509    | 36.636 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.359 | 5688610    | 40.873 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.728 | 5598616    | 53.682 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.762 | 5853942    | 41.007 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.977 | 5600335    | 39.262 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

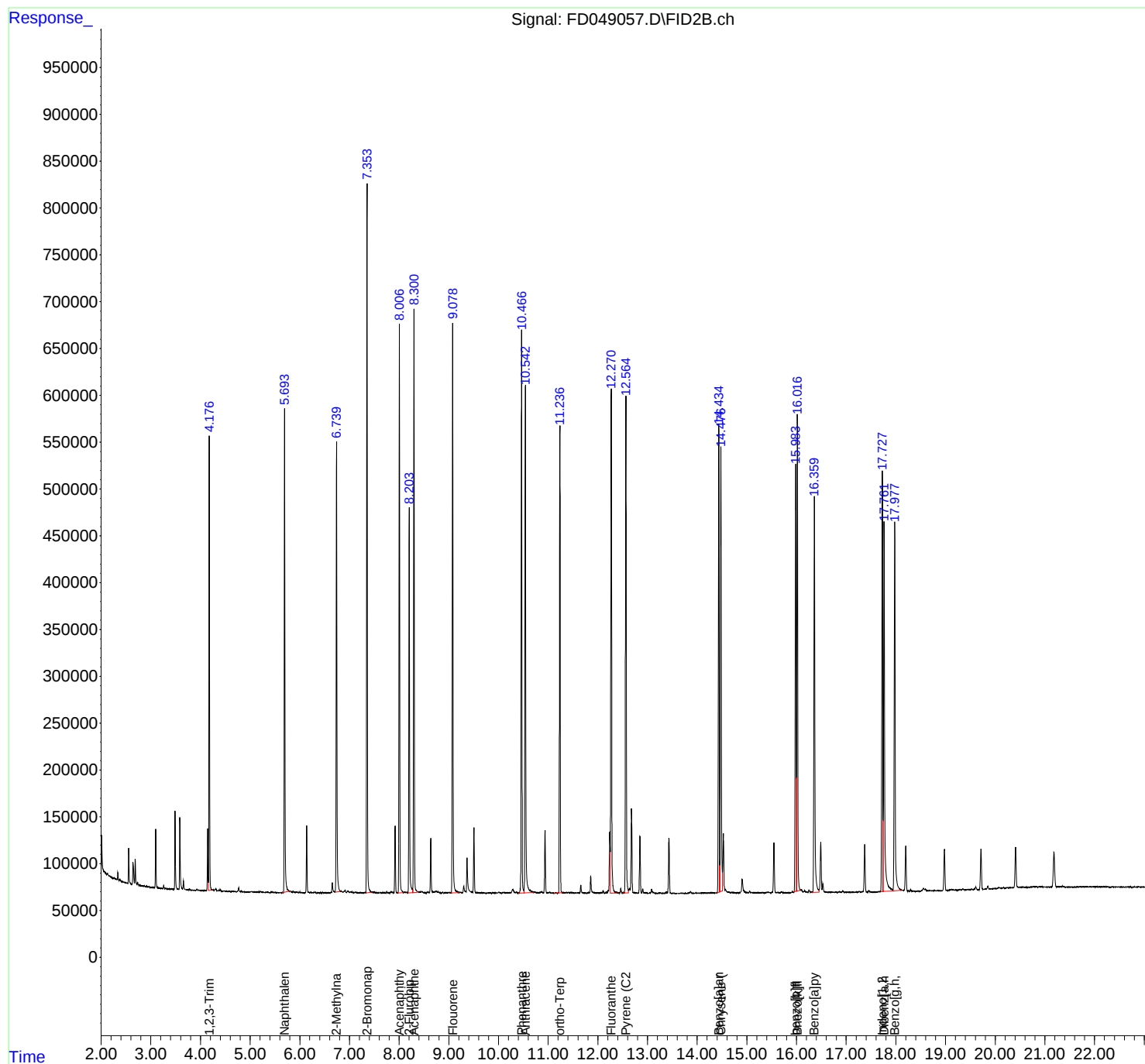
(m)=manual int.

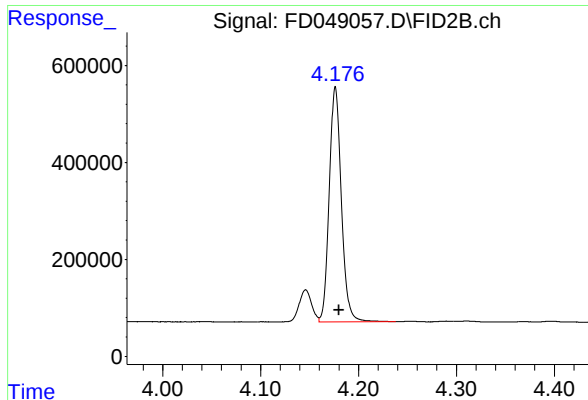
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Data File : FD049057.D  
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Volume Inj. : 1 µl  
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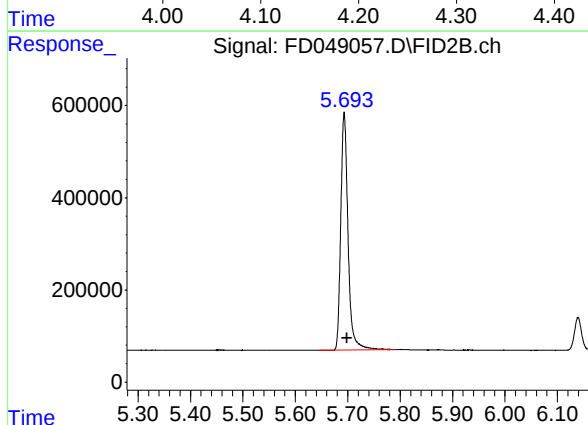




#1 1,2,3-Trimethylbenzene (C10.1)

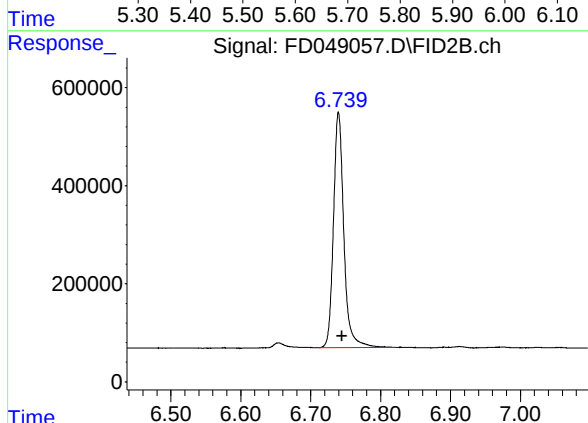
R.T.: 4.176 min  
Delta R.T.: -0.004 min  
Response: 4158510  
Conc: 26.98 ug/ml

Instrument :  
FID\_D  
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EX-11-TPH-5MS



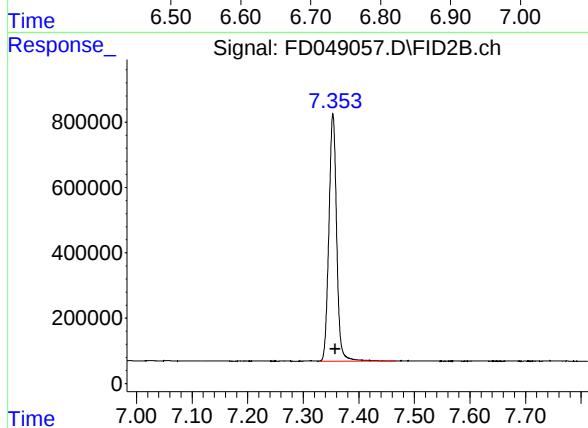
#2 Naphthalene (C11.7)

R.T.: 5.693 min  
Delta R.T.: -0.005 min  
Response: 4949634  
Conc: 31.66 ug/ml



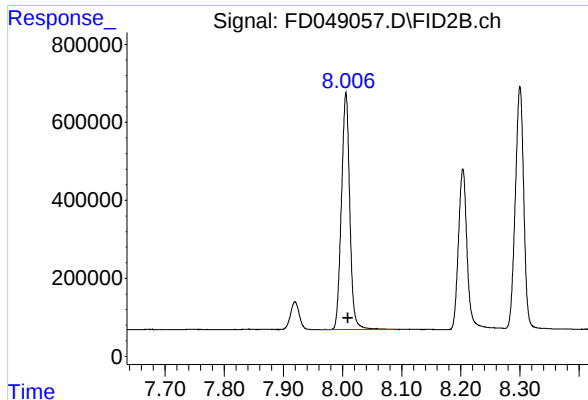
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min  
Delta R.T.: -0.005 min  
Response: 4951450  
Conc: 31.92 ug/ml



#4 2-Bromonaphthalene (SURR)

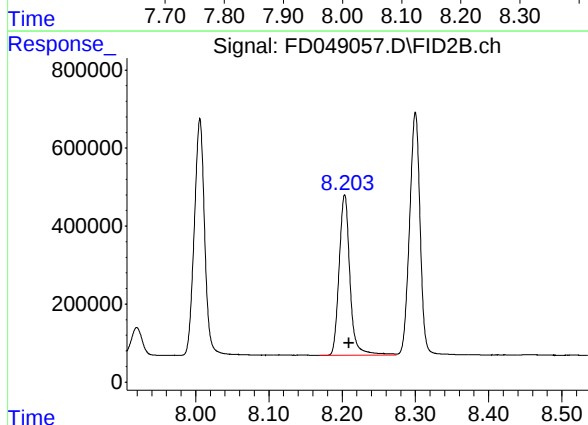
R.T.: 7.354 min  
Delta R.T.: -0.004 min  
Response: 7314364  
Conc: 51.39 ug/ml



#5 Acenaphthylene (C15.06)

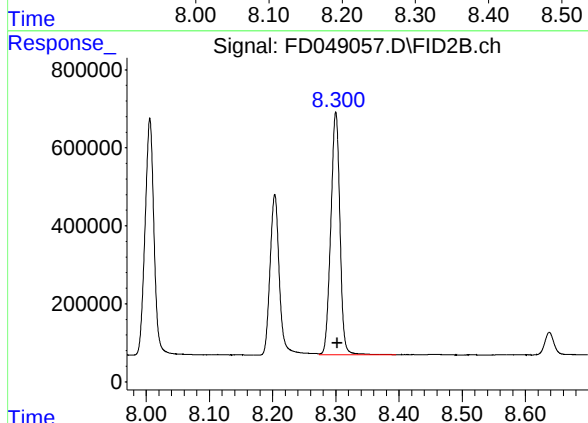
R.T.: 8.006 min  
Delta R.T.: -0.003 min  
Response: 5956386  
Conc: 36.42 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
EX-11-TPH-5MS



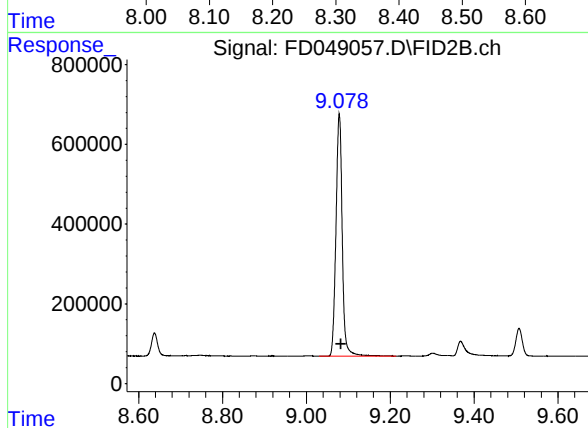
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min  
Delta R.T.: -0.006 min  
Response: 4239389  
Conc: 49.82 ug/ml



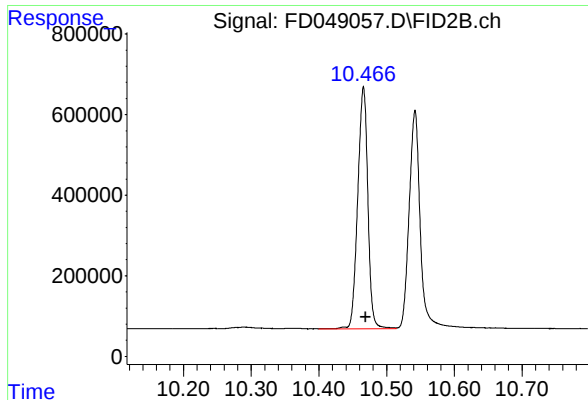
#7 Acenaphthene (C15.5)

R.T.: 8.300 min  
Delta R.T.: -0.002 min  
Response: 6237251  
Conc: 37.13 ug/ml



#8 Fluorene (C16.55)

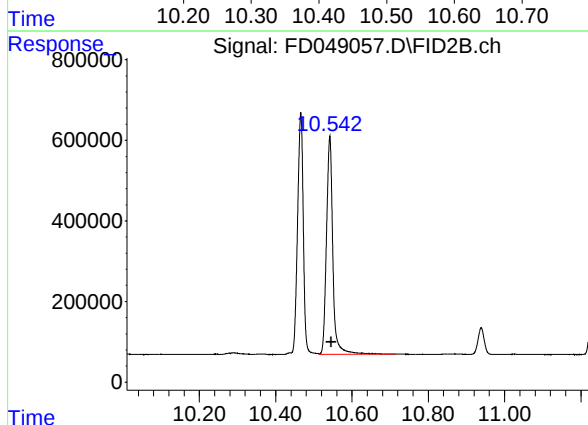
R.T.: 9.079 min  
Delta R.T.: -0.004 min  
Response: 6299230  
Conc: 40.27 ug/ml



#9 Phenanthrene (C19.36)

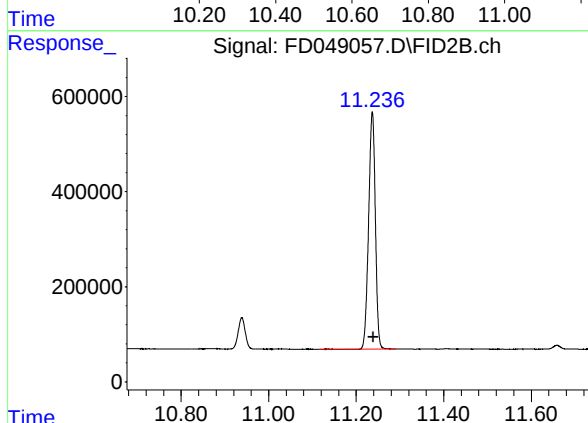
R.T.: 10.466 min  
Delta R.T.: -0.003 min  
Response: 6232779  
Conc: 40.92 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
EX-11-TPH-5MS



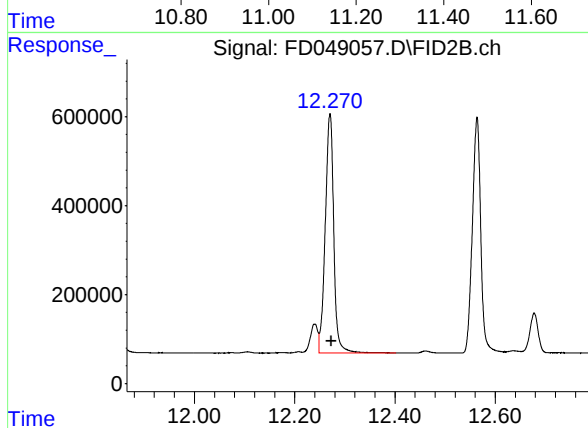
#10 Anthracene (C19.43)

R.T.: 10.542 min  
Delta R.T.: -0.004 min  
Response: 6247451  
Conc: 41.01 ug/ml



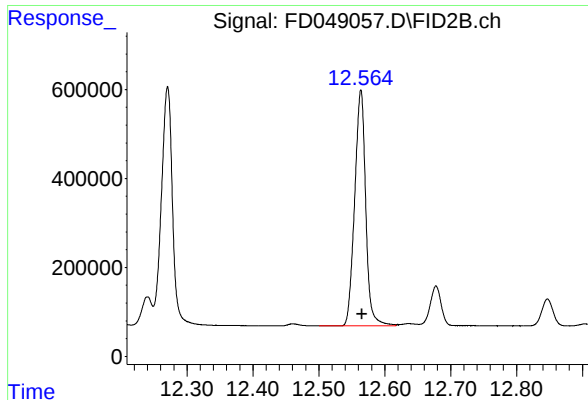
#11 ortho-Terphenyl (SURRE)

R.T.: 11.237 min  
Delta R.T.: -0.002 min  
Response: 5336831  
Conc: 32.45 ug/ml



#12 Fluoranthene (C21.85)

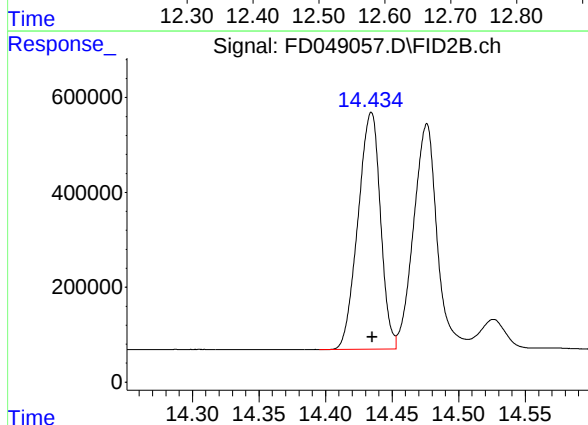
R.T.: 12.271 min  
Delta R.T.: -0.002 min  
Response: 6343726  
Conc: 40.33 ug/ml



#13 Pyrene (C20.8)

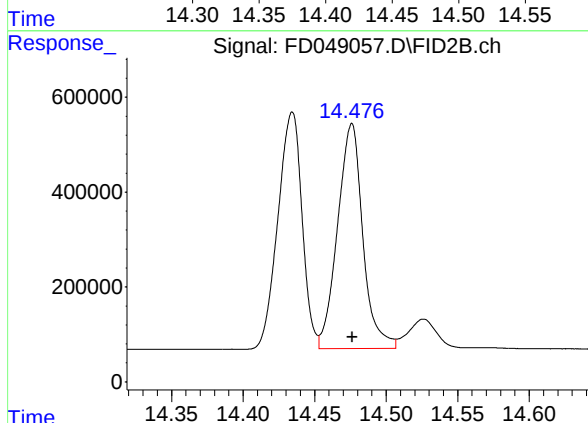
R.T.: 12.564 min  
Delta R.T.: -0.001 min  
Response: 6177274  
Conc: 39.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
EX-11-TPH-5MS



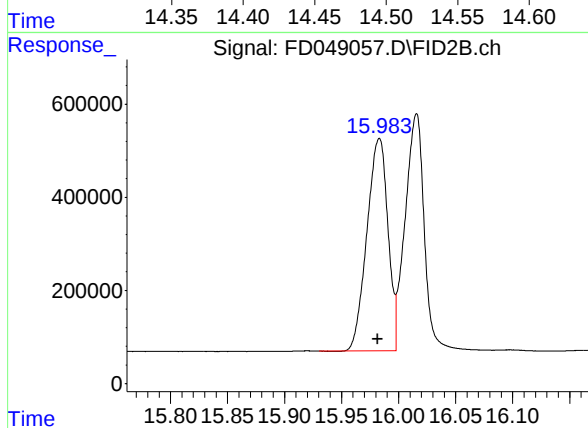
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min  
Delta R.T.: 0.000 min  
Response: 5863635  
Conc: 45.57 ug/ml



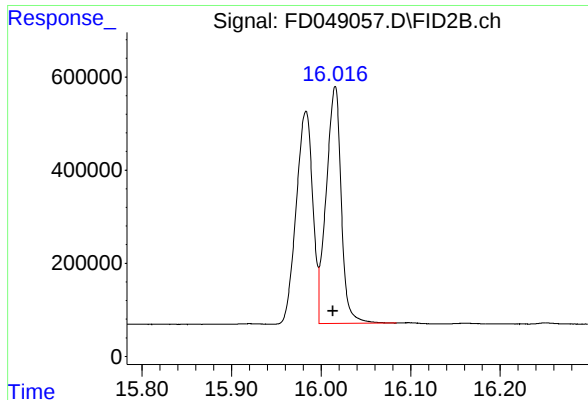
#15 Chrysene (C27.41)

R.T.: 14.476 min  
Delta R.T.: 0.000 min  
Response: 5828619  
Conc: 34.47 ug/ml



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

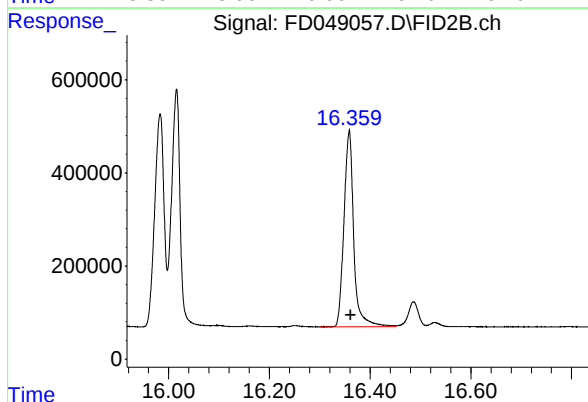
R.T.: 15.983 min  
Delta R.T.: 0.001 min  
Response: 5828935  
Conc: 42.66 ug/ml



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

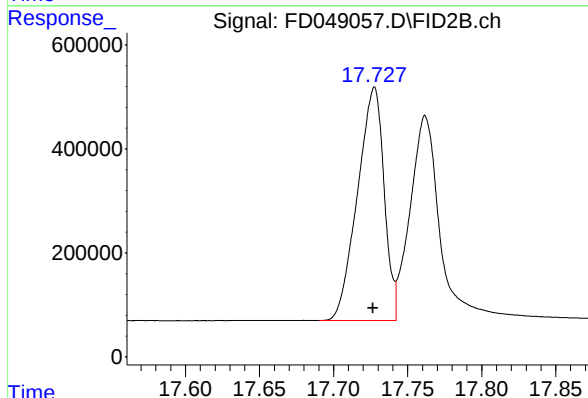
R.T.: 16.016 min  
Delta R.T.: 0.003 min  
Response: 5933509  
Conc: 36.64 ug/ml

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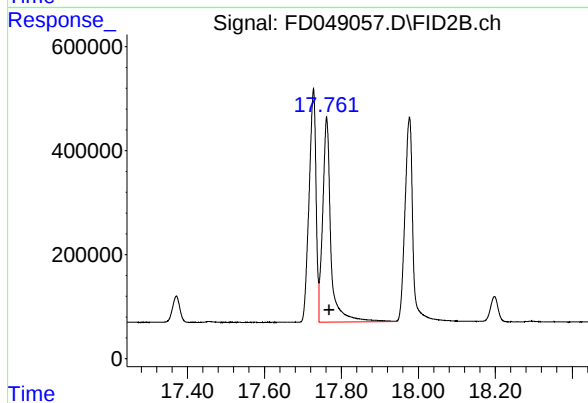
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.359 min  
Delta R.T.: -0.003 min  
Response: 5688610  
Conc: 40.87 ug/ml



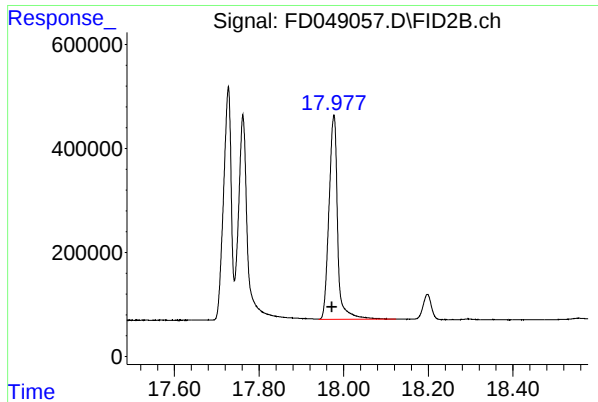
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min  
Delta R.T.: 0.000 min  
Response: 5598616  
Conc: 53.68 ug/ml



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

R.T.: 17.762 min  
Delta R.T.: -0.007 min  
Response: 5853942  
Conc: 41.01 ug/ml



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

R.T.: 17.977 min

Delta R.T.: 0.005 min

Response: 5600335

Conc: 39.26 ug/ml

Instrument :

FID\_D

ClientSampleId :

EX-11-TPH-5MS