

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110220AR\  
 Data File : FD035254.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Nov 2020 3:24  
 Operator : DD\AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 100 PPM AROMATIC HC STD1

Manual Integrations  
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 11/3/2020 3:29:36 PM

Integration File: autoint1.e  
 Quant Time: Nov 03 05:12:48 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 05:09:03 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.646  | 12233961   | 102.156 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 204.31%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.512  | 8642467    | 103.129 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 206.26%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.553 | 14048201   | 98.634 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 197.27%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.442  | 13279947   | 99.819 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.984  | 14305338   | 102.527 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.038  | 14358201   | 101.709 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.315  | 13860914   | 100.121 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.613  | 14277714   | 100.031 ug/ml |
| 8) T Fluorene (C16.55)             | 9.394  | 13956468   | 101.362 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.792 | 13961932   | 101.484 ug/ml |
| 10) T Anthracene (C19.43)          | 10.870 | 13843607   | 98.338 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.607 | 13794101   | 99.172 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.905 | 13581494   | 100.836 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.777 | 12573591   | 101.113 ug/ml |
| 15) T Chrysene (C27.41)            | 14.824 | 12877218   | 94.082 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.328 | 12108193   | 98.792 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.371 | 11808220   | 94.045 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.709 | 10979754   | 96.660 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.078 | 11620383   | 110.912 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.118 | 10391283   | 87.273 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.336 | 10917587   | 98.474 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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 ALS Vial : 69 Sample Multiplier: 1

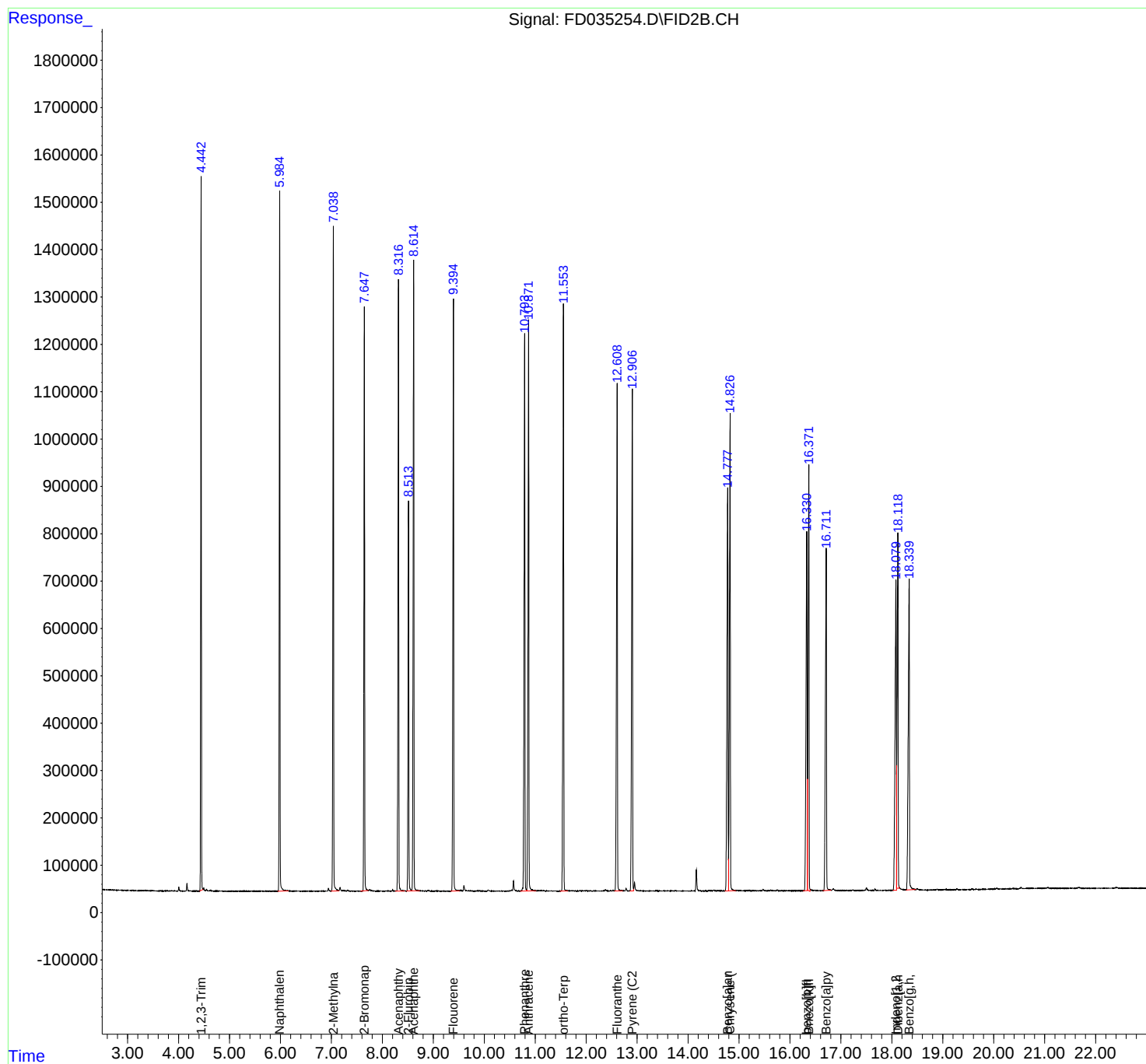
Instrument :  
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 100 PPM AROMATIC HC STD1

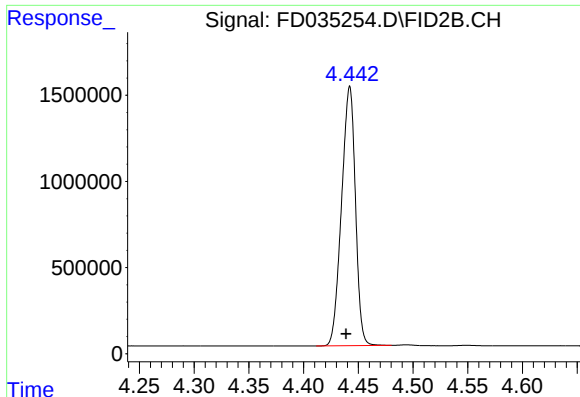
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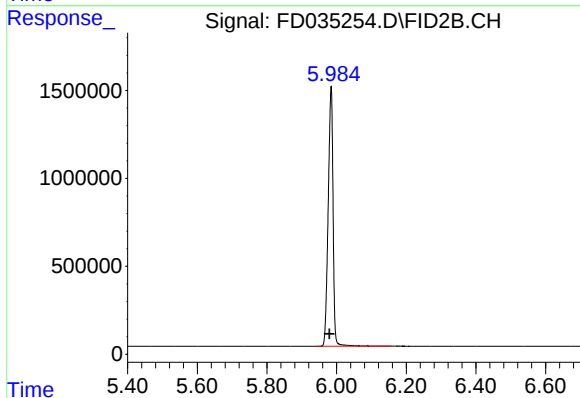
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.442 min  
Delta R.T.: 0.003 min  
Response: 13279947  
Conc: 99.82 ug/ml

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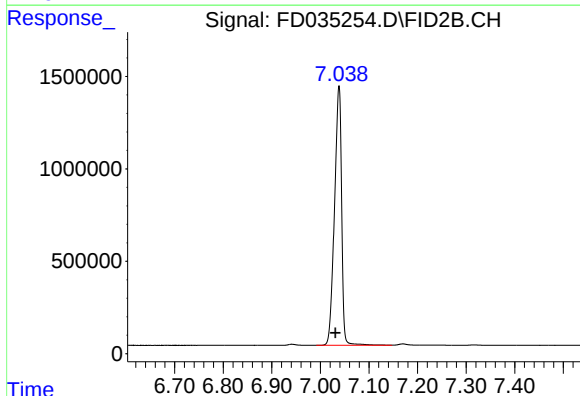
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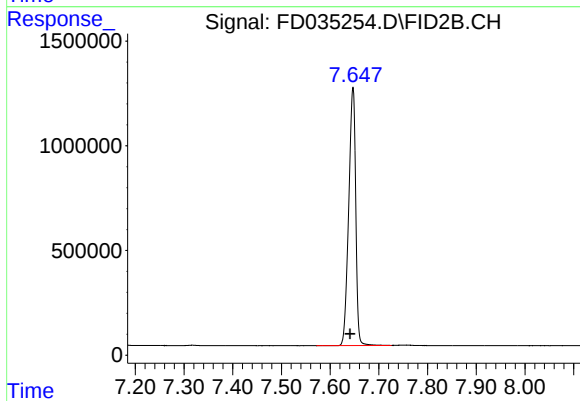
#2 Naphthalene (C11.7)

R.T.: 5.984 min  
Delta R.T.: 0.005 min  
Response: 14305338  
Conc: 102.53 ug/ml



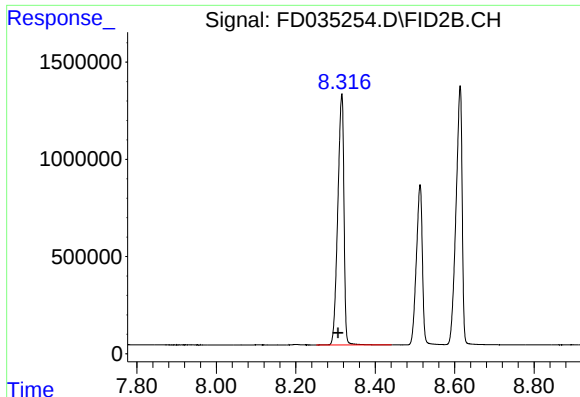
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min  
Delta R.T.: 0.007 min  
Response: 14358201  
Conc: 101.71 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.646 min  
Delta R.T.: 0.006 min  
Response: 12233961  
Conc: 102.16 ug/ml



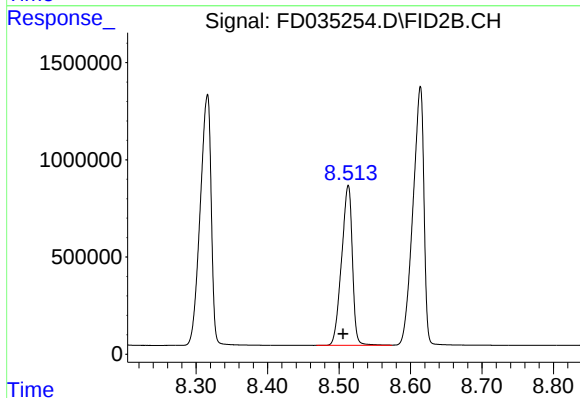
#5 Acenaphthylene (C15.06)

R.T.: 8.315 min  
Delta R.T.: 0.008 min  
Response: 13860914  
Conc: 100.12 ug/ml

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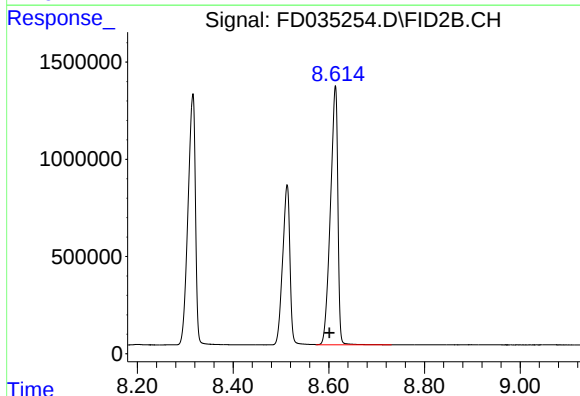
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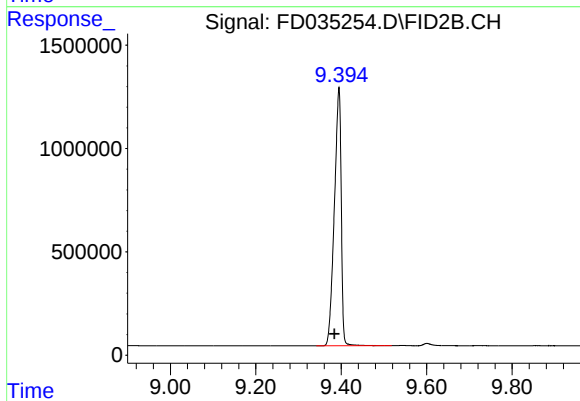
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.512 min  
Delta R.T.: 0.007 min  
Response: 8642467  
Conc: 103.13 ug/ml



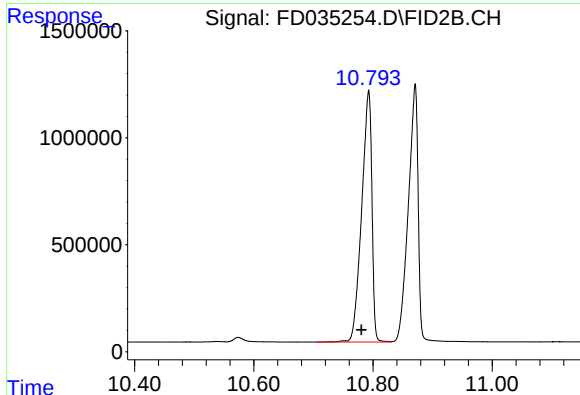
#7 Acenaphthene (C15.5)

R.T.: 8.613 min  
Delta R.T.: 0.012 min  
Response: 14277714  
Conc: 100.03 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.394 min  
Delta R.T.: 0.010 min  
Response: 13956468  
Conc: 101.36 ug/ml



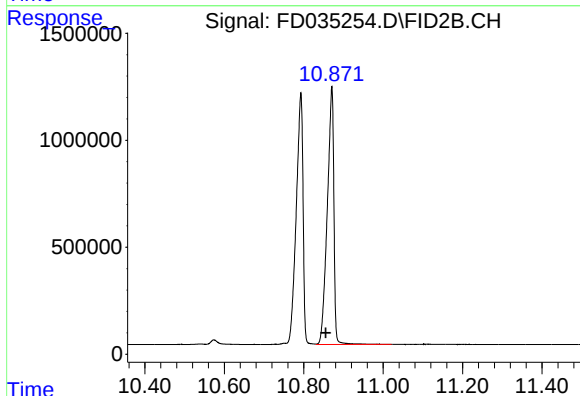
#9 Phenanthrene (C19.36)

R.T.: 10.792 min  
Delta R.T.: 0.012 min  
Response: 13961932  
Conc: 101.48 ug/ml

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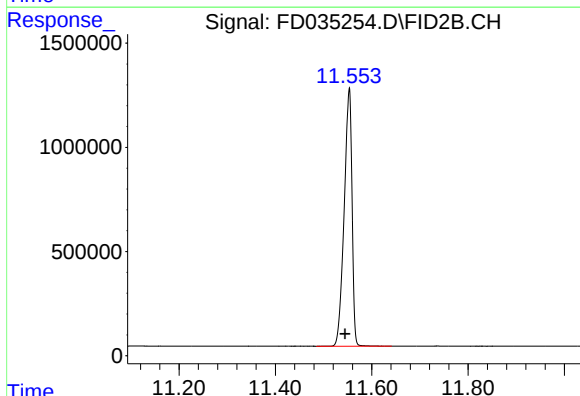
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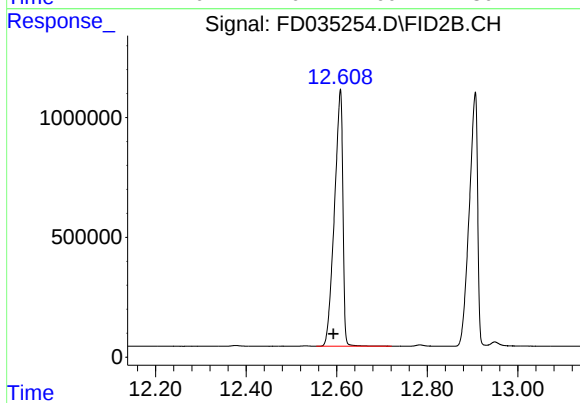
#10 Anthracene (C19.43)

R.T.: 10.870 min  
Delta R.T.: 0.014 min  
Response: 13843607  
Conc: 98.34 ug/ml



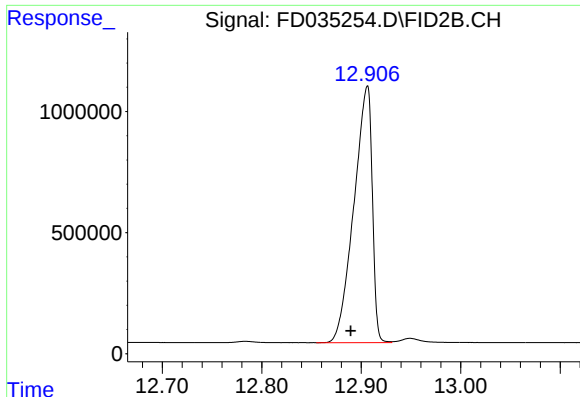
#11 ortho-Terphenyl (SURR)

R.T.: 11.553 min  
Delta R.T.: 0.008 min  
Response: 14048201  
Conc: 98.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.607 min  
Delta R.T.: 0.014 min  
Response: 13794101  
Conc: 99.17 ug/ml



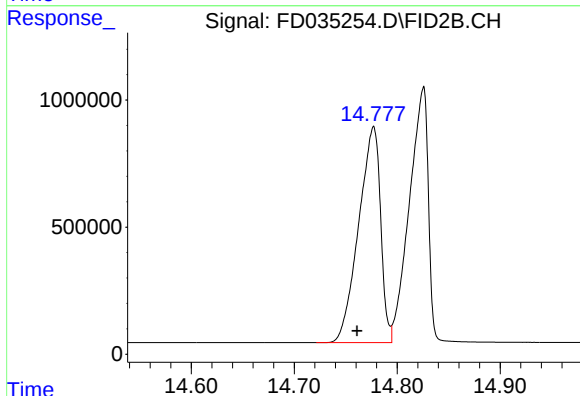
#13 Pyrene (C20.8)

R.T.: 12.905 min  
Delta R.T.: 0.015 min  
Response: 13581494  
Conc: 100.84 ug/ml

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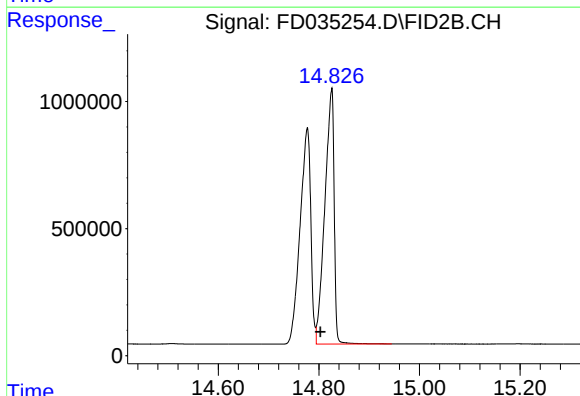
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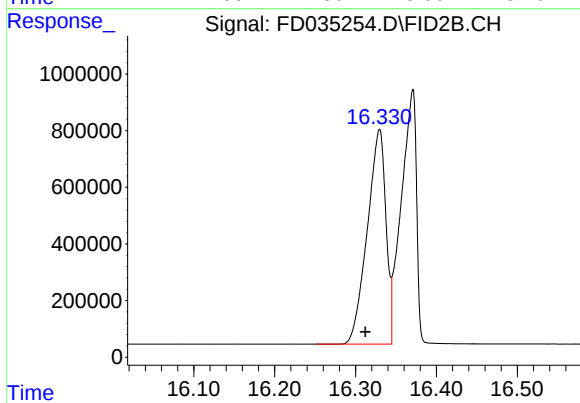
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.777 min  
Delta R.T.: 0.015 min  
Response: 12573591  
Conc: 101.11 ug/ml



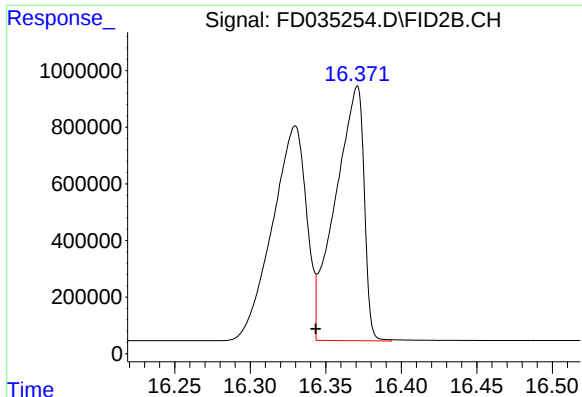
#15 Chrysene (C27.41)

R.T.: 14.824 min  
Delta R.T.: 0.021 min  
Response: 12877218  
Conc: 94.08 ug/ml



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

R.T.: 16.328 min  
Delta R.T.: 0.016 min  
Response: 12108193  
Conc: 98.79 ug/ml



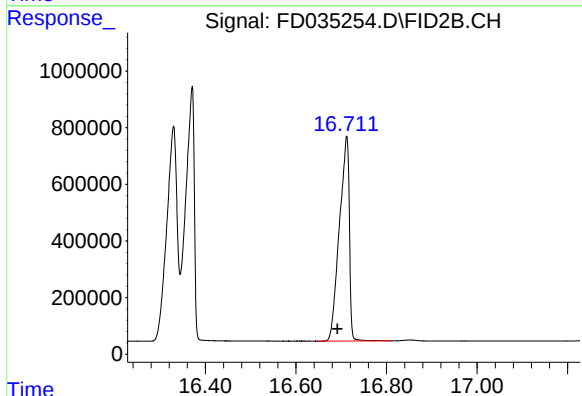
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.371 min  
Delta R.T.: 0.028 min  
Response: 11808220  
Conc: 94.04 ug/ml m

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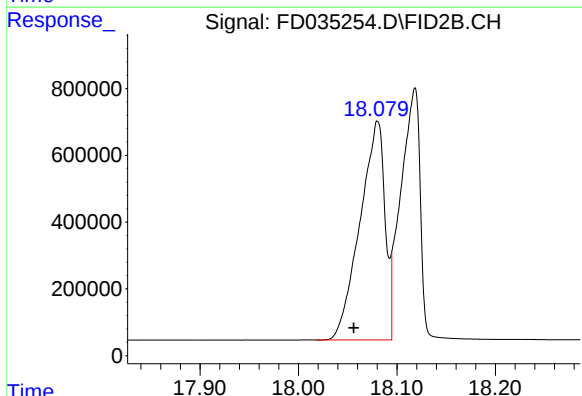
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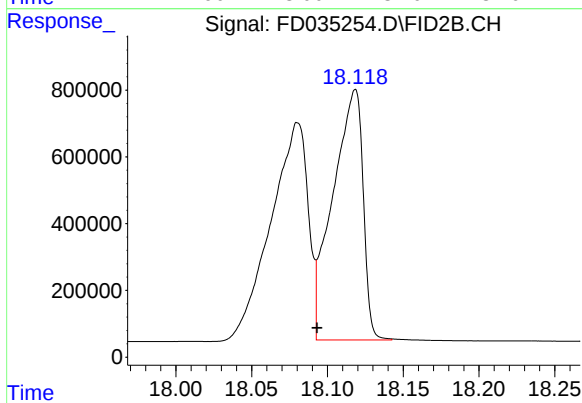
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.709 min  
Delta R.T.: 0.018 min  
Response: 10979754  
Conc: 96.66 ug/ml



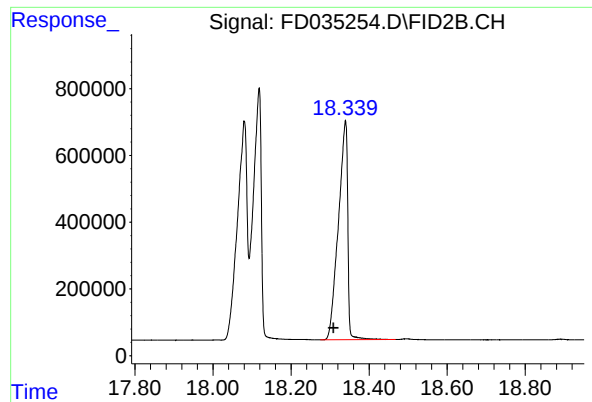
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.078 min  
Delta R.T.: 0.022 min  
Response: 11620383  
Conc: 110.91 ug/ml



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

R.T.: 18.118 min  
Delta R.T.: 0.025 min  
Response: 10391283  
Conc: 87.27 ug/ml m



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

R.T.: 18.336 min  
Delta R.T.: 0.027 min  
Response: 10917587  
Conc: 98.47 ug/ml

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