

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121421AR\  
 Data File : FD039889.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Dec 2021 18:14  
 Operator : AJ\MA  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Dec 15 10:13:43 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 121421.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 15 10:10:05 2021  
 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...      | 6.956  | 7030834    | 49.474 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.95%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.813  | 4842175    | 49.217 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 98.43%       |
| 11) S ortho-Terphenyl (SURR)       | 10.857 | 7511679    | 49.176 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.35%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 3.784  | 7476145    | 49.230 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.298  | 7937914    | 49.241 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.345  | 8032145    | 49.223 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.618  | 7410012    | 49.266 ug/ml |
| 7) T Acenaphthene (C15.5)          | 7.913  | 7836729    | 49.201 ug/ml |
| 8) T Flouorene (C16.55)            | 8.694  | 7768592    | 49.234 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.087 | 7674418    | 49.237 ug/ml |
| 10) T Anthracene (C19.43)          | 10.162 | 7377014    | 49.143 ug/ml |
| 12) T Fluoranthene (C21.85)        | 11.896 | 7608624    | 49.292 ug/ml |
| 13) T Pyrene (C20.8)               | 12.193 | 7402439    | 49.291 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.061 | 6801359    | 49.648 ug/ml |
| 15) T Chrysene (C27.41)            | 14.107 | 7105092    | 49.725 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.610 | 6798369    | 49.912 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.646 | 6718075    | 49.851 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 15.989 | 6597070    | 50.106 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.352 | 6262829    | 50.554 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.395 | 6190177    | 50.587 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.609 | 6315852    | 50.148 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

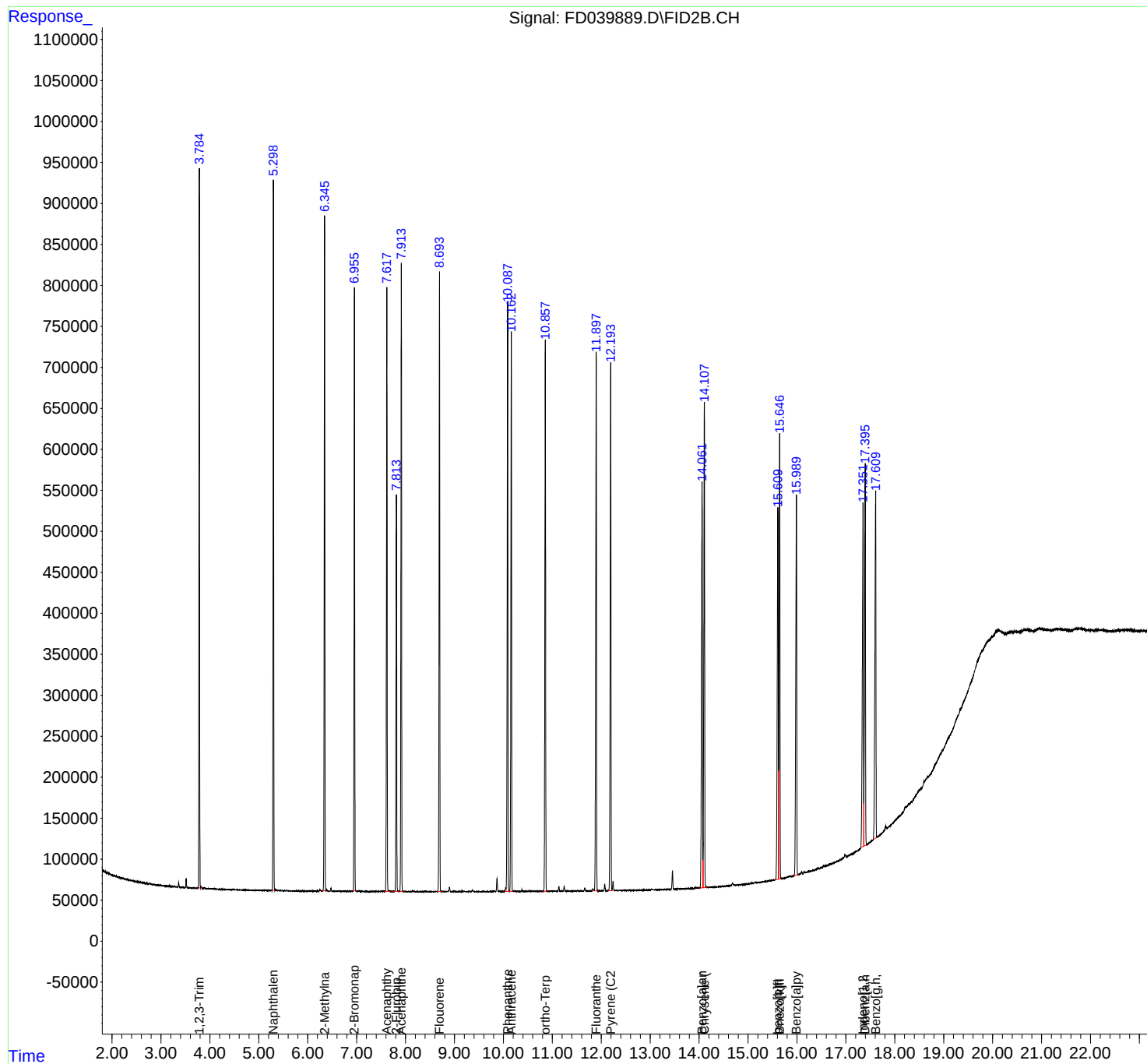
(m)=manual int.

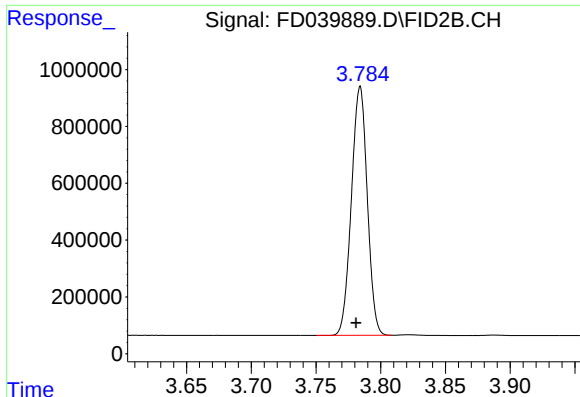
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121421AR\  
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Acq On : 14 Dec 2021 18:14  
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Misc :  
ALS Vial : 53 Sample Multiplier: 1

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 121421.M  
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QLast Update : Wed Dec 15 10:10:05 2021  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
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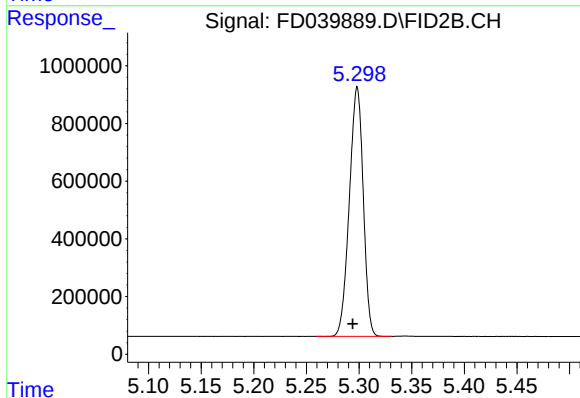




#1 1,2,3-Trimethylbenzene (C10.1)

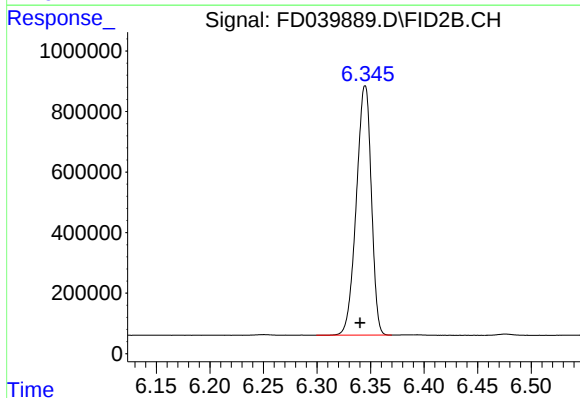
R.T.: 3.784 min  
Delta R.T.: 0.003 min  
Response: 7476145  
Conc: 49.23 ug/ml

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



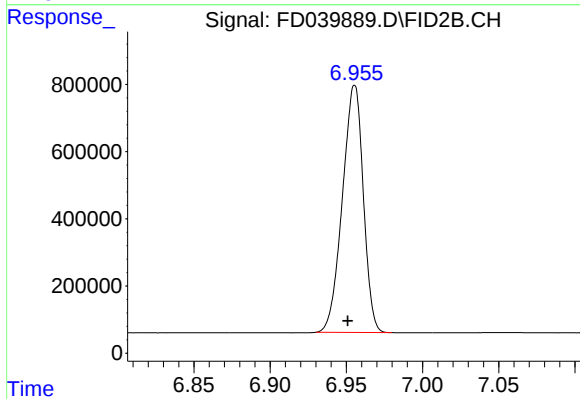
#2 Naphthalene (C11.7)

R.T.: 5.298 min  
Delta R.T.: 0.004 min  
Response: 7937914  
Conc: 49.24 ug/ml



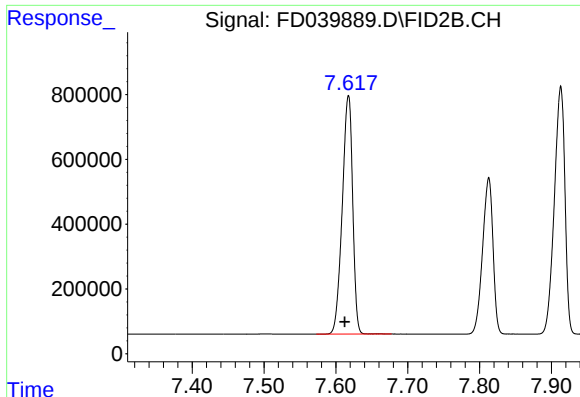
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.345 min  
Delta R.T.: 0.005 min  
Response: 8032145  
Conc: 49.22 ug/ml



#4 2-Bromonaphthalene (SURR)

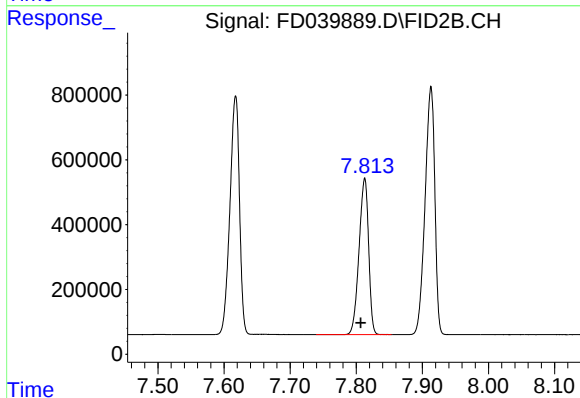
R.T.: 6.956 min  
Delta R.T.: 0.005 min  
Response: 7030834  
Conc: 49.47 ug/ml



#5 Acenaphthylene (C15.06)

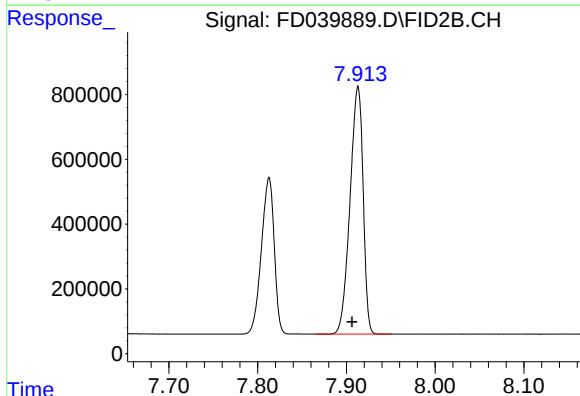
R.T.: 7.618 min  
Delta R.T.: 0.006 min  
Response: 7410012  
Conc: 49.27 ug/ml

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



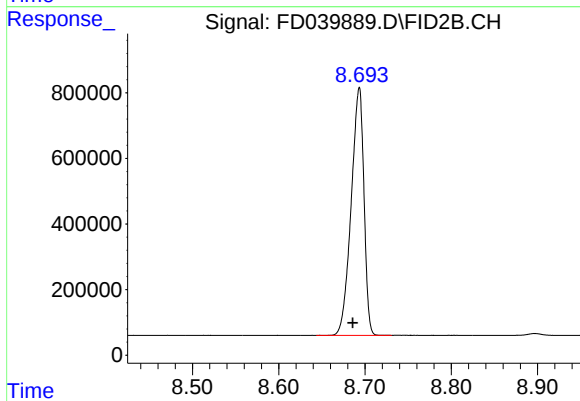
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.813 min  
Delta R.T.: 0.006 min  
Response: 4842175  
Conc: 49.22 ug/ml



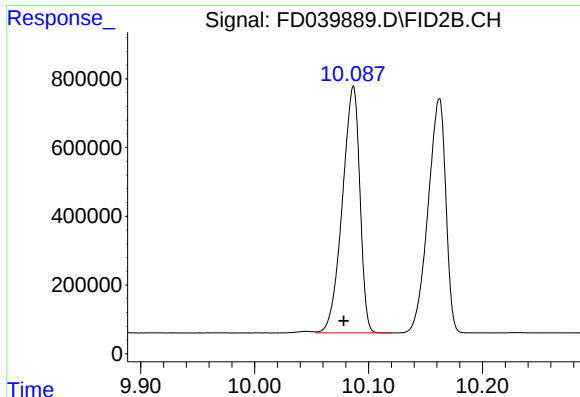
#7 Acenaphthene (C15.5)

R.T.: 7.913 min  
Delta R.T.: 0.007 min  
Response: 7836729  
Conc: 49.20 ug/ml



#8 Fluorene (C16.55)

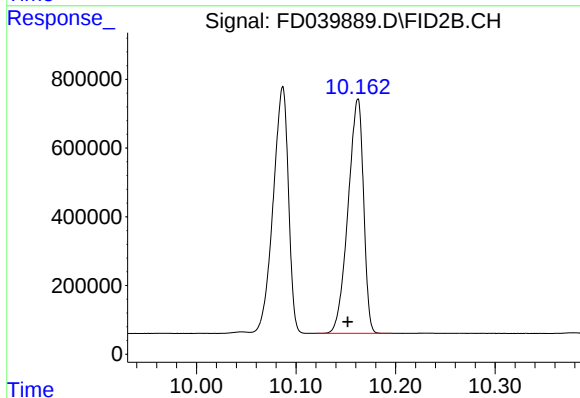
R.T.: 8.694 min  
Delta R.T.: 0.008 min  
Response: 7768592  
Conc: 49.23 ug/ml



#9 Phenanthrene (C19.36)

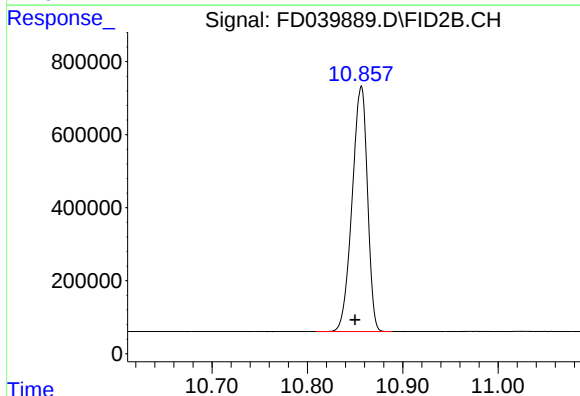
R.T.: 10.087 min  
Delta R.T.: 0.009 min  
Response: 7674418  
Conc: 49.24 ug/ml

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



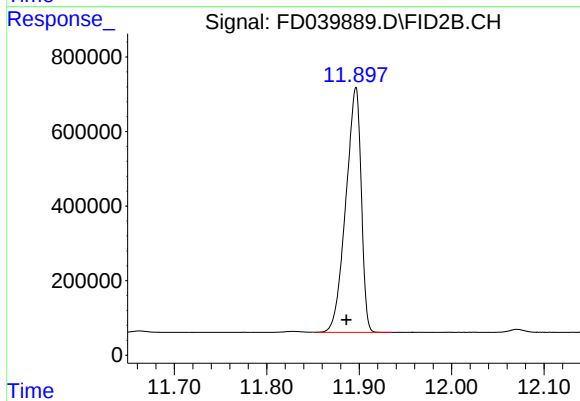
#10 Anthracene (C19.43)

R.T.: 10.162 min  
Delta R.T.: 0.010 min  
Response: 7377014  
Conc: 49.14 ug/ml



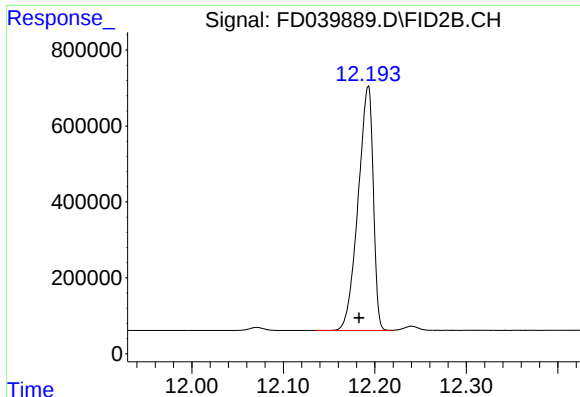
#11 ortho-Terphenyl (SURR)

R.T.: 10.857 min  
Delta R.T.: 0.006 min  
Response: 7511679  
Conc: 49.18 ug/ml



#12 Fluoranthene (C21.85)

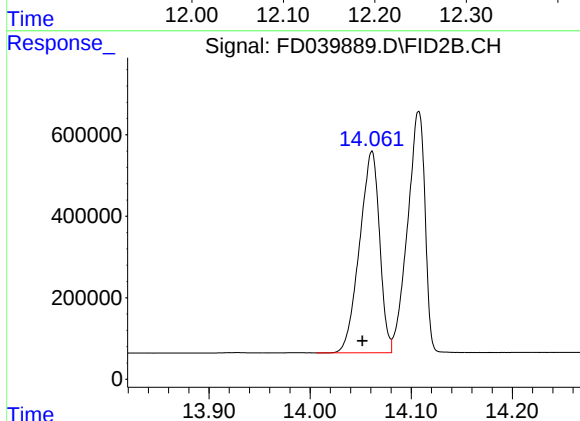
R.T.: 11.896 min  
Delta R.T.: 0.010 min  
Response: 7608624  
Conc: 49.29 ug/ml



#13 Pyrene (C20.8)

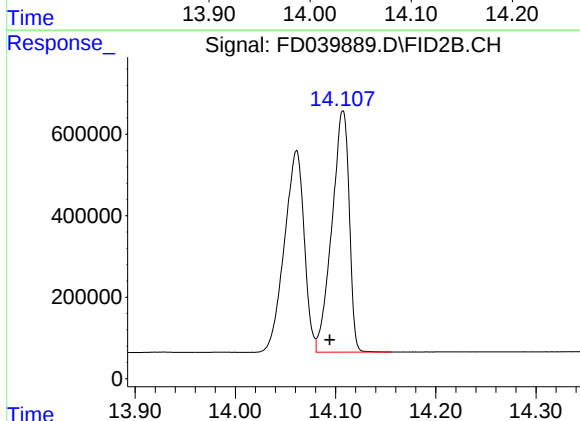
R.T.: 12.193 min  
Delta R.T.: 0.010 min  
Response: 7402439  
Conc: 49.29 ug/ml

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



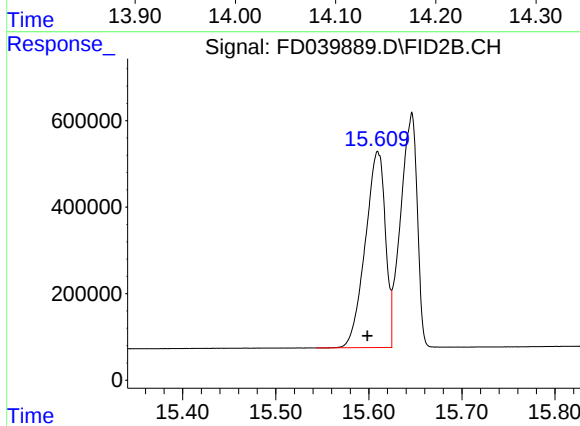
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.061 min  
Delta R.T.: 0.009 min  
Response: 6801359  
Conc: 49.65 ug/ml



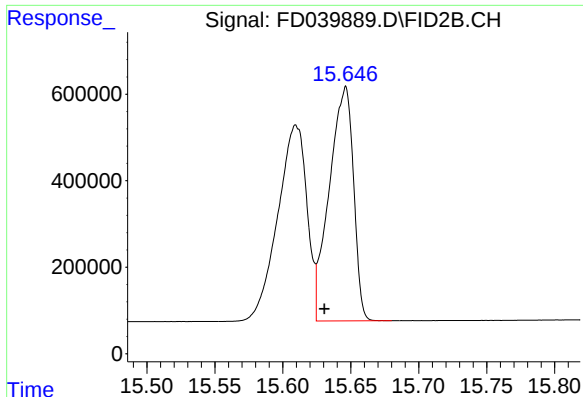
#15 Chrysene (C27.41)

R.T.: 14.107 min  
Delta R.T.: 0.013 min  
Response: 7105092  
Conc: 49.73 ug/ml



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

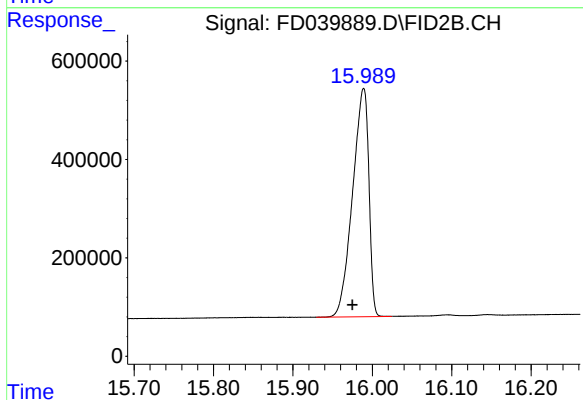
R.T.: 15.610 min  
Delta R.T.: 0.011 min  
Response: 6798369  
Conc: 49.91 ug/ml



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

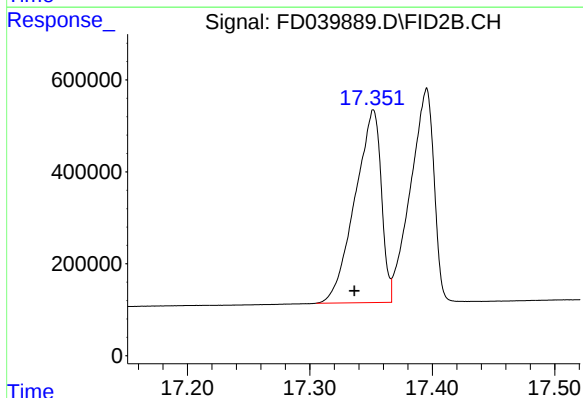
R.T.: 15.646 min  
Delta R.T.: 0.016 min  
Response: 6718075  
Conc: 49.85 ug/ml

Instrument :  
FID\_D  
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50 PPM AROMATIC HC STD2



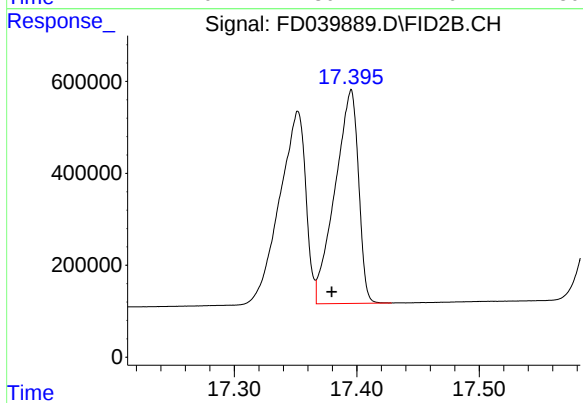
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.989 min  
Delta R.T.: 0.014 min  
Response: 6597070  
Conc: 50.11 ug/ml



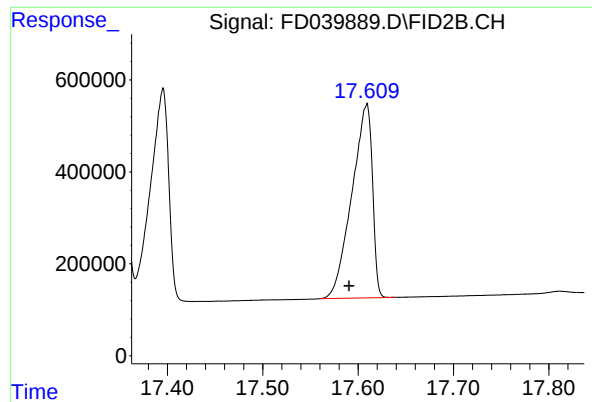
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.352 min  
Delta R.T.: 0.015 min  
Response: 6262829  
Conc: 50.55 ug/ml



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

R.T.: 17.395 min  
Delta R.T.: 0.016 min  
Response: 6190177  
Conc: 50.59 ug/ml



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

R.T.: 17.609 min  
Delta R.T.: 0.018 min  
Response: 6315852  
Conc: 50.15 ug/ml

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