

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051024AR\  
 Data File : FD047699.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 May 2024 12:33  
 Operator : YP/AJ  
 Sample : P2415-01MSD  
 Misc :  
 ALS Vial : 69 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 1011UMR-SS005-0212-01MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024  
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e  
 Quant Time: May 11 00:54:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 17:13:11 2024  
 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...      | 7.463  | 7105775    | 45.309 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 90.62%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.317  | 4331862    | 41.413 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 82.83%        |
| 11) S ortho-Terphenyl (SURR)       | 11.358 | 6347978    | 33.850 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 67.70%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.273  | 5412161    | 33.475 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.800  | 6349455    | 37.525 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.850  | 6531554    | 38.344 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.120  | 6943878    | 42.578 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.416  | 6768299    | 40.265 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.195  | 7089604    | 42.620 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.587 | 7289238    | 44.523 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.662 | 7228663    | 48.260 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.395 | 7463273    | 44.977 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.690 | 7565775    | 46.498 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.560 | 7019613    | 48.088 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.603 | 6978237    | 44.282 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.108 | 6745879    | 45.166 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.143 | 6671340    | 44.313 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.485 | 6523781    | 45.212 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.851 | 6755854    | 49.778 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.890 | 6383153    | 44.583 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.104 | 6140094    | 44.721 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
Sample : P2415-01MSD  
Misc :  
ALS Vial : 69 Sample Multiplier: 1

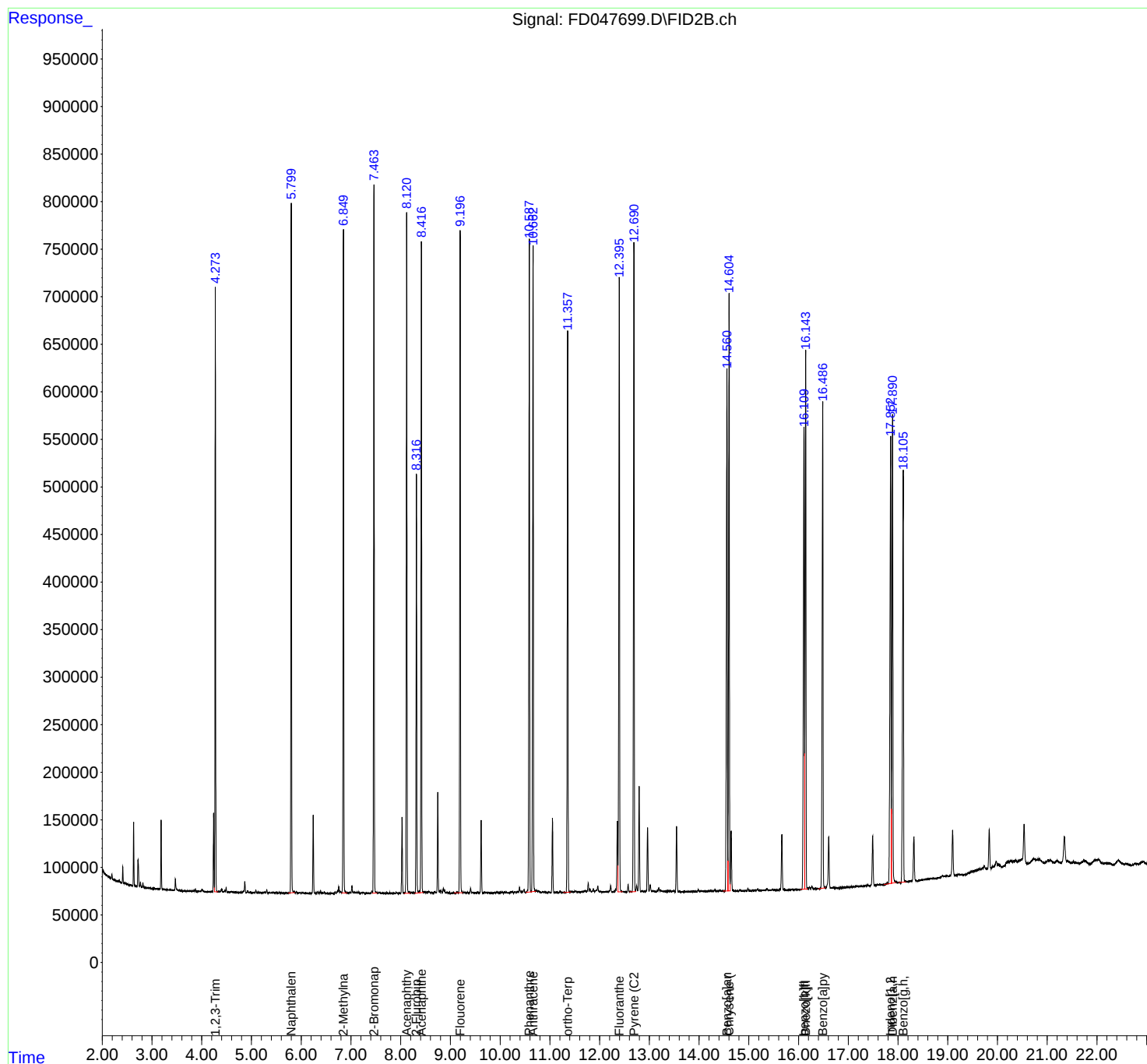
Instrument :  
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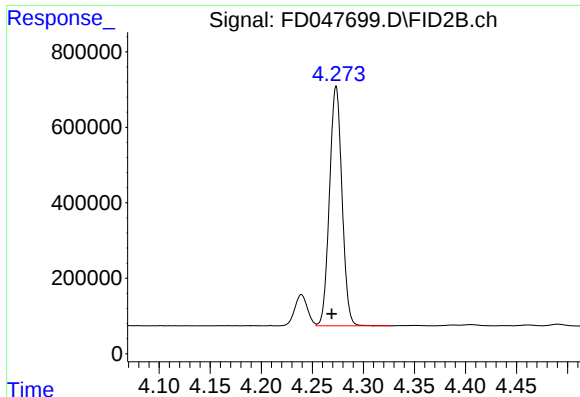
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.273 min  
Delta R.T.: 0.004 min  
Response: 5412161  
Conc: 33.47 ug/ml

Instrument :

FID\_D

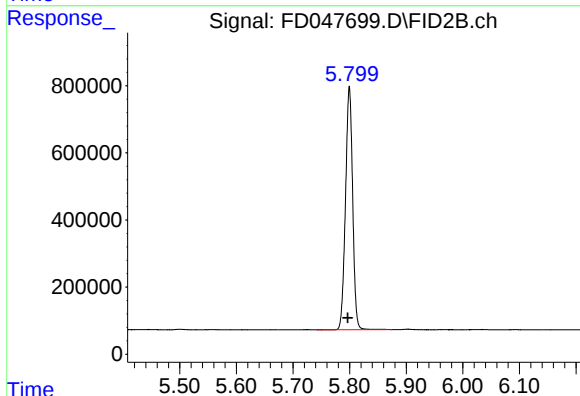
ClientSampleId :

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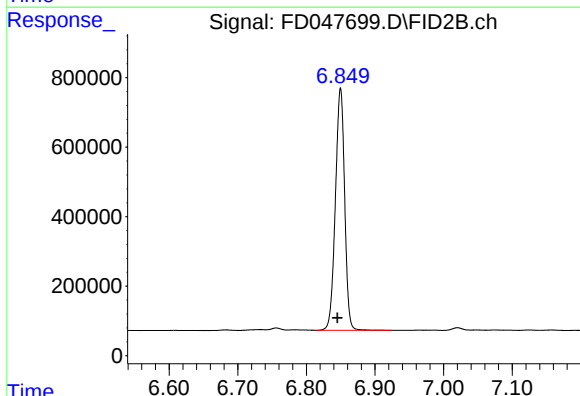
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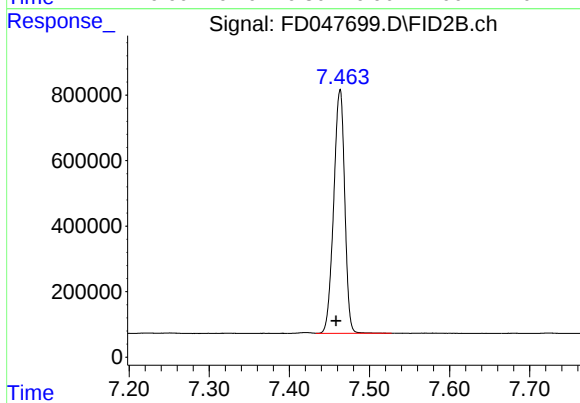
#2 Naphthalene (C11.7)

R.T.: 5.800 min  
Delta R.T.: 0.003 min  
Response: 6349455  
Conc: 37.53 ug/ml



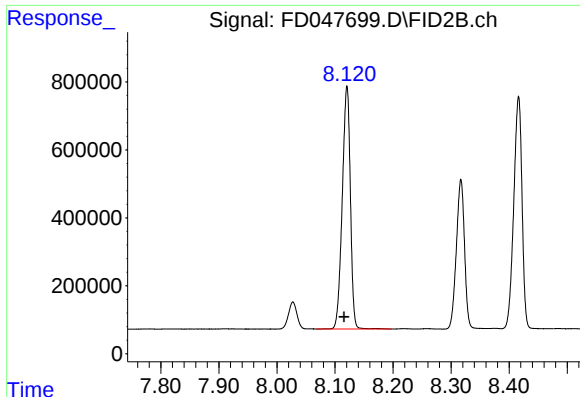
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min  
Delta R.T.: 0.004 min  
Response: 6531554  
Conc: 38.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min  
Delta R.T.: 0.005 min  
Response: 7105775  
Conc: 45.31 ug/ml



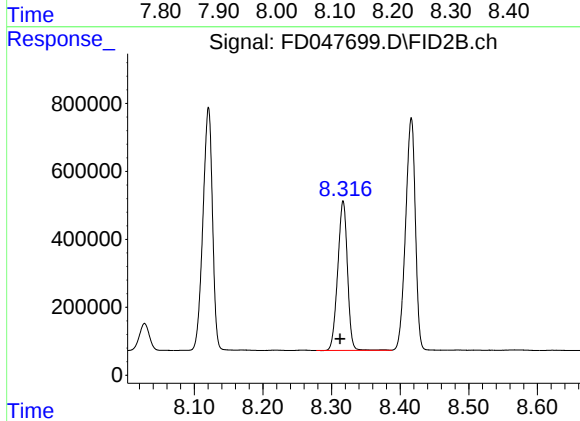
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min  
Delta R.T.: 0.005 min  
Response: 6943878  
Conc: 42.58 ug/ml

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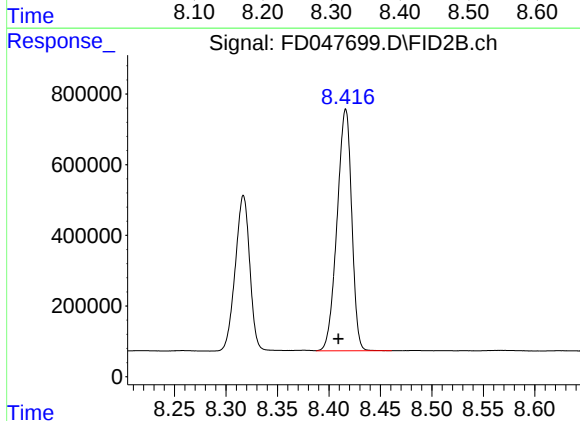
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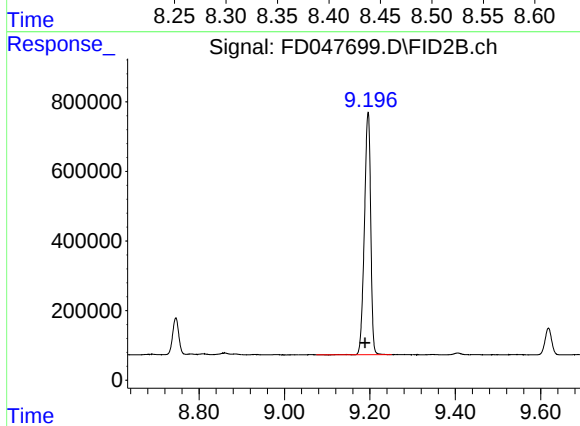
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min  
Delta R.T.: 0.004 min  
Response: 4331862  
Conc: 41.41 ug/ml



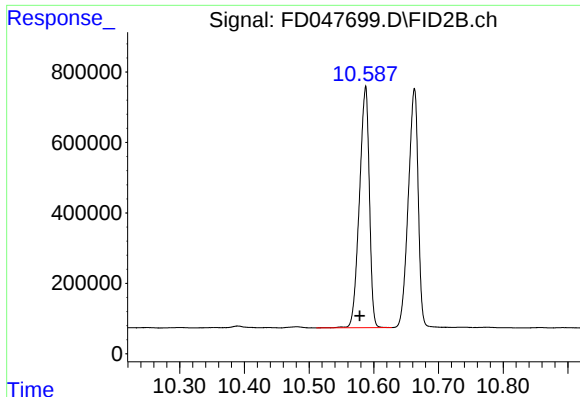
#7 Acenaphthene (C15.5)

R.T.: 8.416 min  
Delta R.T.: 0.007 min  
Response: 6768299  
Conc: 40.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.195 min  
Delta R.T.: 0.007 min  
Response: 7089604  
Conc: 42.62 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.587 min  
Delta R.T.: 0.009 min  
Response: 7289238  
Conc: 44.52 ug/ml

Instrument :

FID\_D

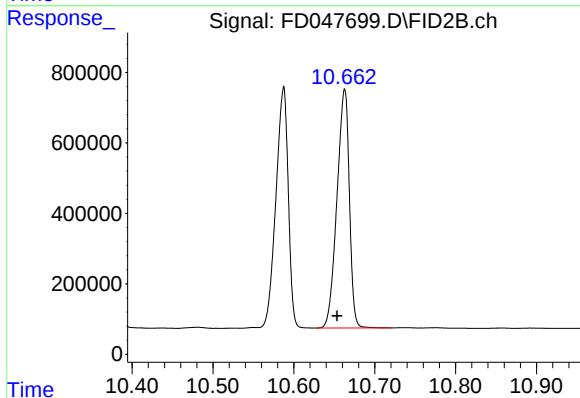
ClientSampleId :

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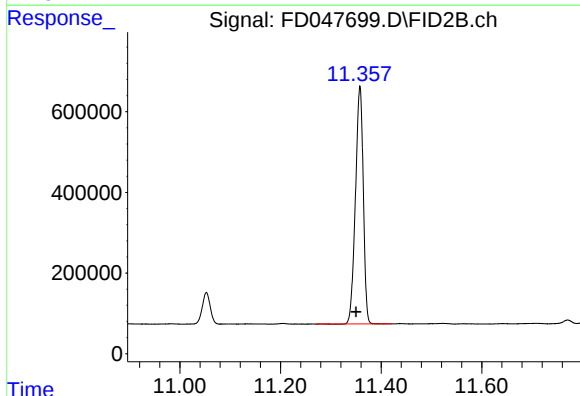
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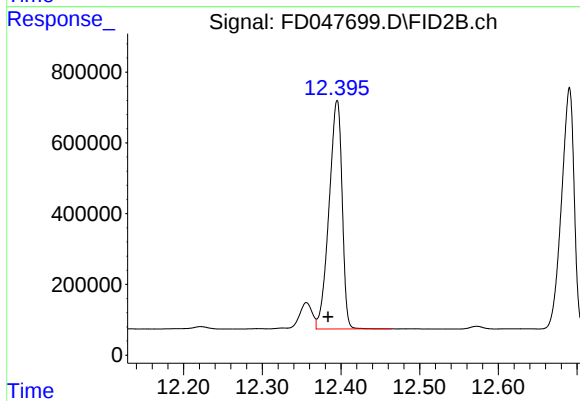
#10 Anthracene (C19.43)

R.T.: 10.662 min  
Delta R.T.: 0.009 min  
Response: 7228663  
Conc: 48.26 ug/ml



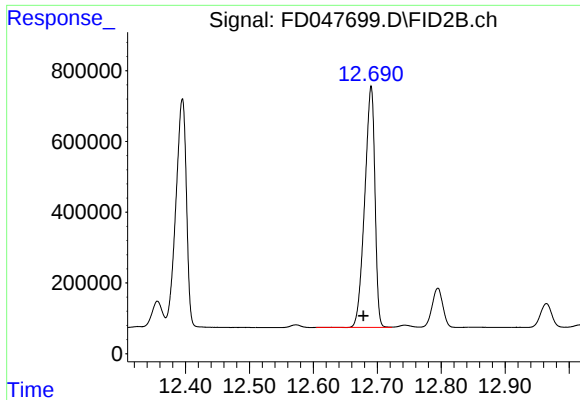
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min  
Delta R.T.: 0.007 min  
Response: 6347978  
Conc: 33.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.395 min  
Delta R.T.: 0.011 min  
Response: 7463273  
Conc: 44.98 ug/ml



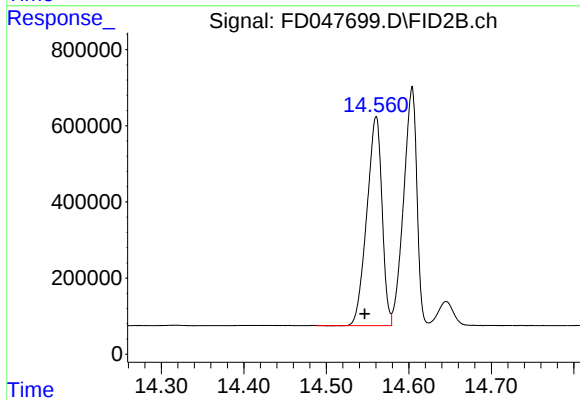
#13 Pyrene (C20.8)

R.T.: 12.690 min  
Delta R.T.: 0.012 min  
Response: 7565775  
Conc: 46.50 ug/ml

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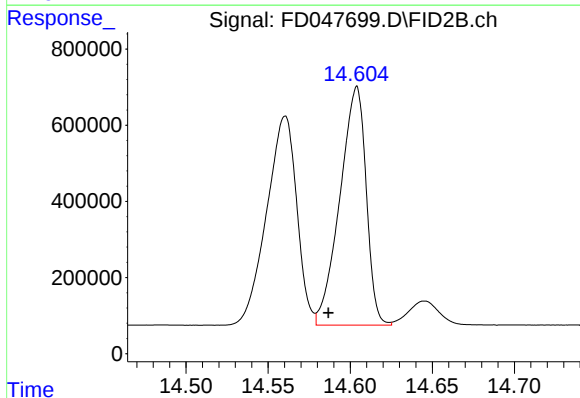
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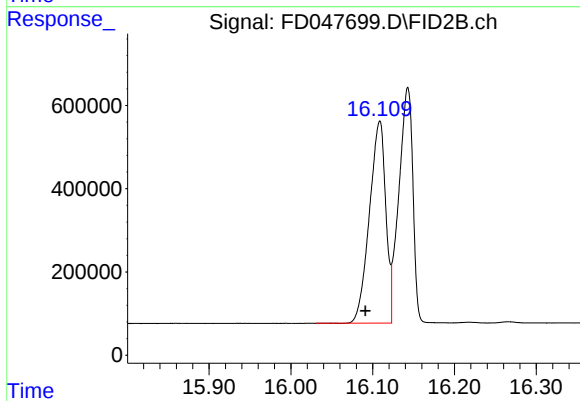
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min  
Delta R.T.: 0.014 min  
Response: 7019613  
Conc: 48.09 ug/ml



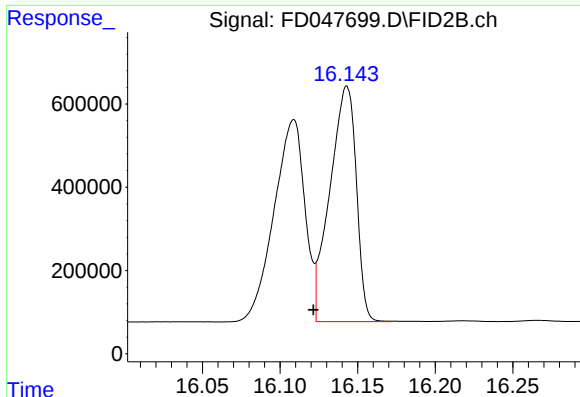
#15 Chrysene (C27.41)

R.T.: 14.603 min  
Delta R.T.: 0.017 min  
Response: 6978237  
Conc: 44.28 ug/ml



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

R.T.: 16.108 min  
Delta R.T.: 0.017 min  
Response: 6745879  
Conc: 45.17 ug/ml



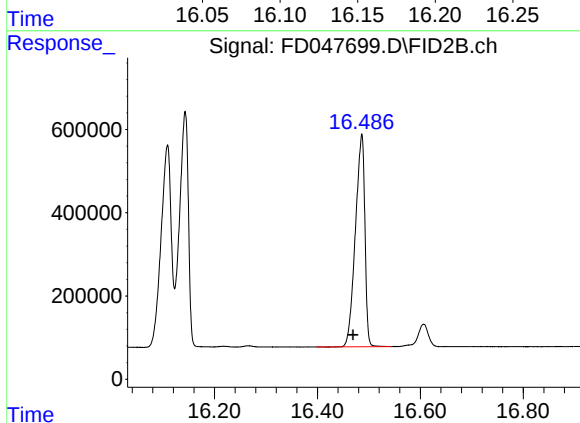
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.143 min  
Delta R.T.: 0.021 min  
Response: 6671340  
Conc: 44.31 ug/ml

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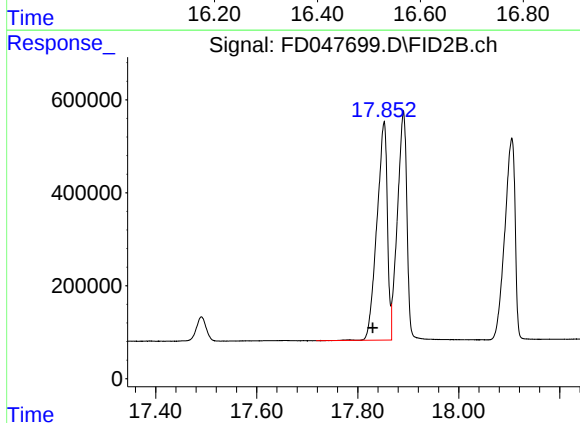
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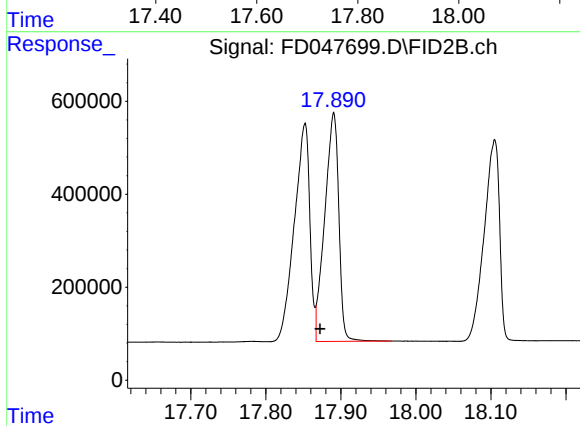
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min  
Delta R.T.: 0.016 min  
Response: 6523781  
Conc: 45.21 ug/ml



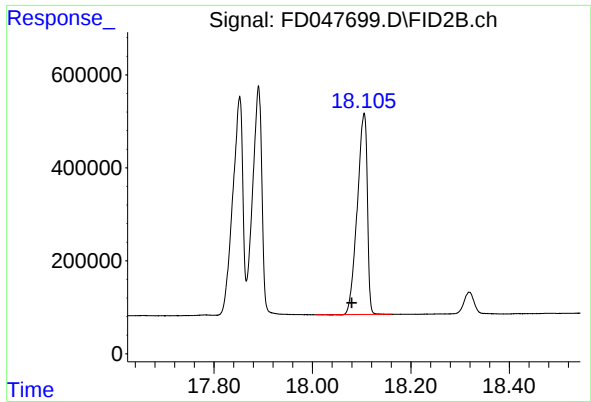
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min  
Delta R.T.: 0.022 min  
Response: 6755854  
Conc: 49.78 ug/ml



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

R.T.: 17.890 min  
Delta R.T.: 0.018 min  
Response: 6383153  
Conc: 44.58 ug/ml



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

R.T.: 18.104 min  
Delta R.T.: 0.024 min  
Response: 6140094  
Conc: 44.72 ug/ml

Instrument :

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