

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040921AR\  
 Data File : FD036818.D  
 Signal(s) : FID2B.CH  
 Acq On : 09 Apr 2021 16:21  
 Operator : DD\AJ  
 Sample : M1951-03MSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 SW-1MSD

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Apr 10 00:31:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 11:18:39 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...      | 7.593  | 6052106    | 43.032 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 86.06%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.454  | 3484896    | 37.125 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 74.25%        |
| 11) S ortho-Terphenyl (SURR)       | 11.495 | 5915386    | 38.731 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 77.46%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.393  | 5559197    | 37.925 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.931  | 6231997    | 39.653 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.983  | 6215481    | 39.547 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.259  | 6389593    | 42.643 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.555  | 6214907    | 40.036 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.336  | 6214751    | 41.278 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.731 | 5910622    | 40.326 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.806 | 5828978    | 40.264 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.542 | 5585845    | 39.786 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.839 | 5520471    | 40.236 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.709 | 5168671    | 43.523 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.753 | 5784451    | 47.832 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.259 | 5456820    | 49.729 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.294 | 5224550    | 49.150 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.639 | 5337426    | 53.555 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.003 | 5002162    | 49.764 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.042 | 5232897    | 51.897 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.262 | 5235715    | 51.674 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
Sample : M1951-03MSD  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

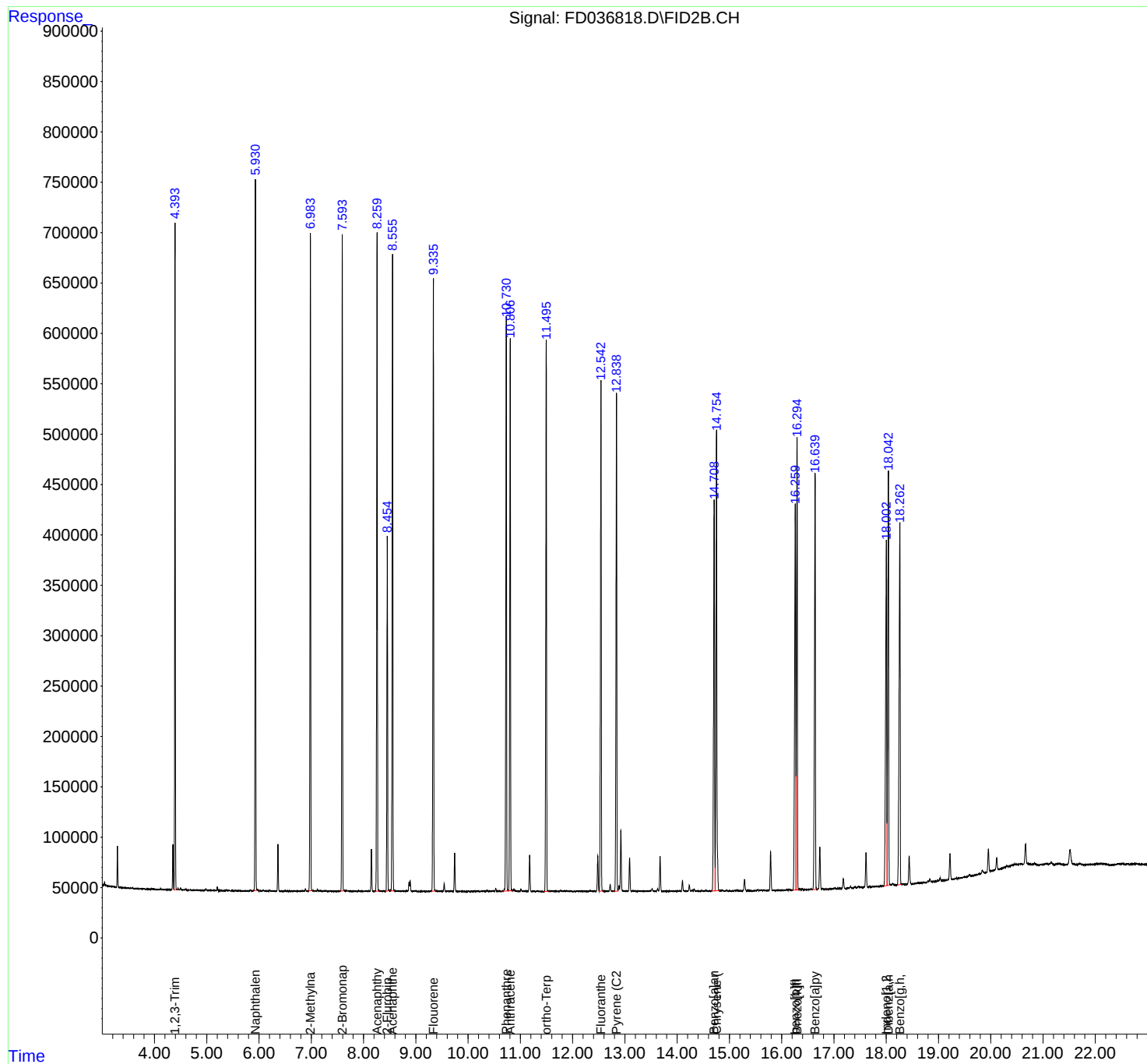
Instrument :  
FID\_D  
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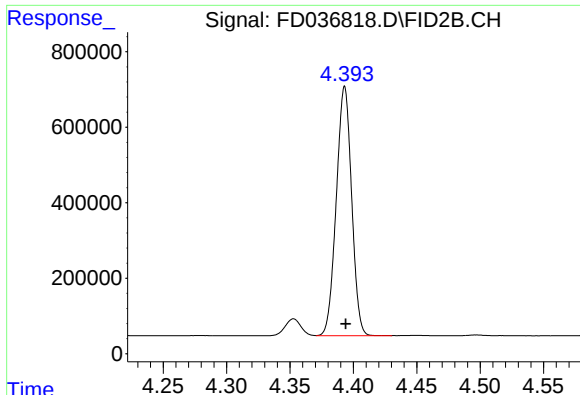
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032321.M  
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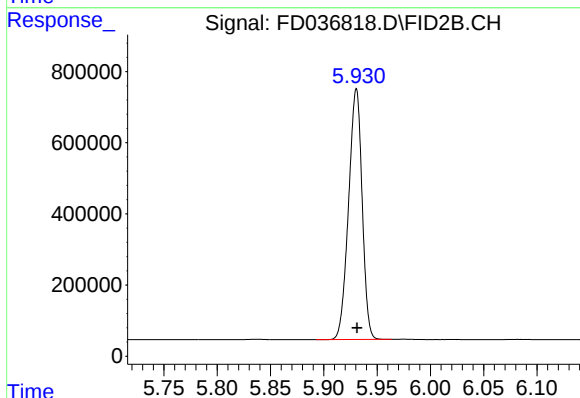
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.393 min  
Delta R.T.: 0.000 min  
Response: 5559197  
Conc: 37.93 ug/ml

Instrument :  
FID\_D  
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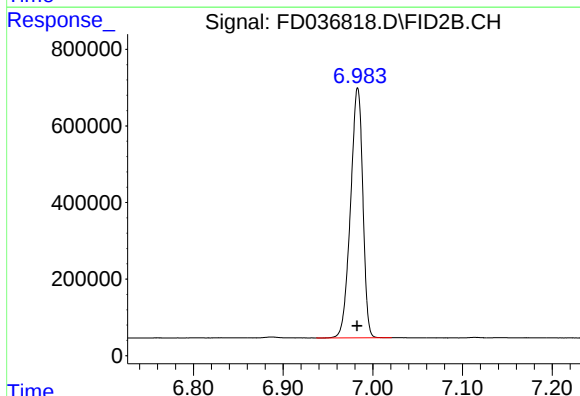
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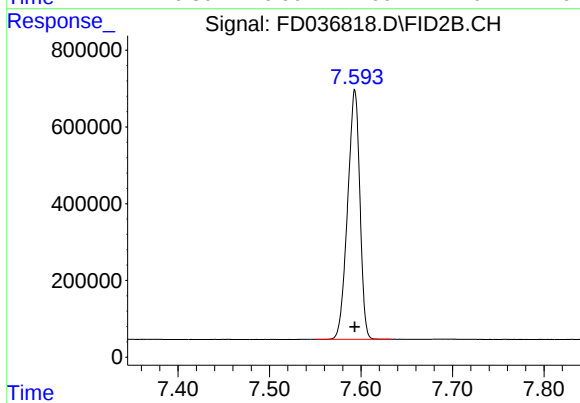
#2 Naphthalene (C11.7)

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 6231997  
Conc: 39.65 ug/ml



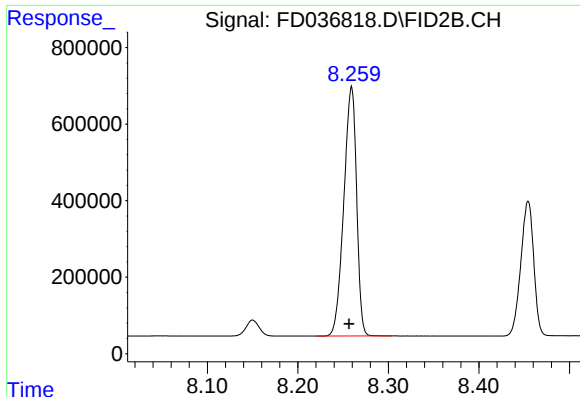
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 6215481  
Conc: 39.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.593 min  
Delta R.T.: 0.000 min  
Response: 6052106  
Conc: 43.03 ug/ml



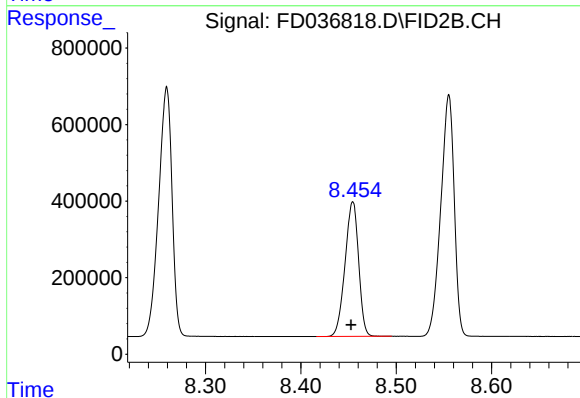
#5 Acenaphthylene (C15.06)

R.T.: 8.259 min  
Delta R.T.: 0.003 min  
Response: 6389593  
Conc: 42.64 ug/ml

Instrument :  
FID\_D  
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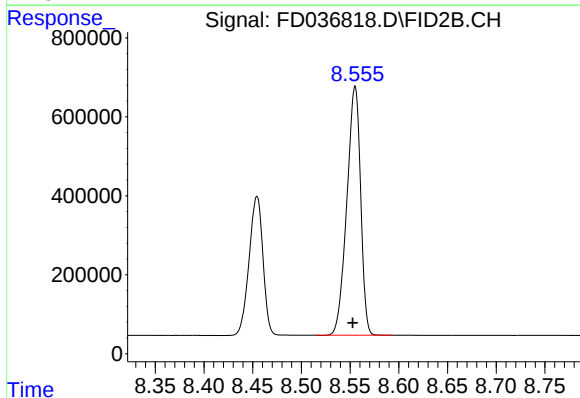
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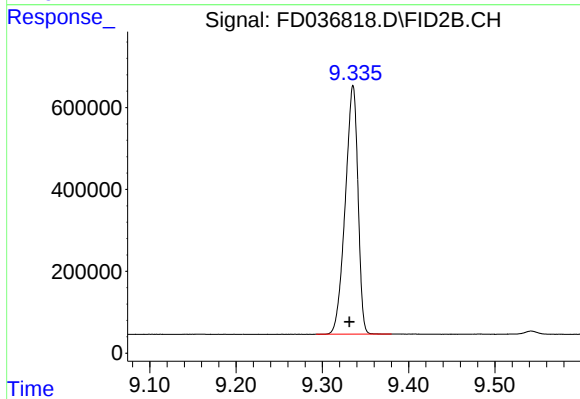
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.454 min  
Delta R.T.: 0.002 min  
Response: 3484896  
Conc: 37.13 ug/ml



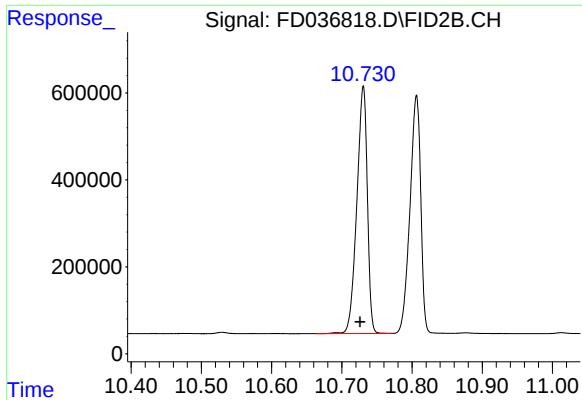
#7 Acenaphthene (C15.5)

R.T.: 8.555 min  
Delta R.T.: 0.002 min  
Response: 6214907  
Conc: 40.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.336 min  
Delta R.T.: 0.004 min  
Response: 6214751  
Conc: 41.28 ug/ml



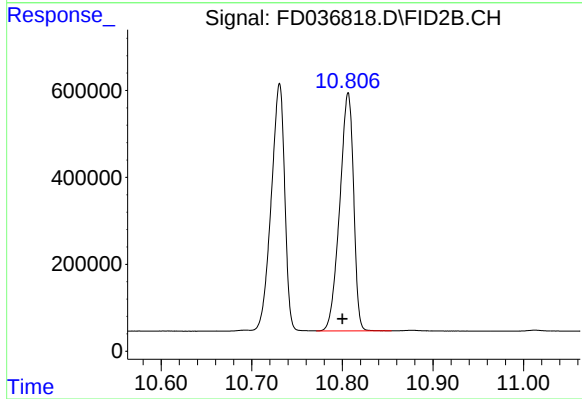
#9 Phenanthrene (C19.36)

R.T.: 10.731 min  
Delta R.T.: 0.005 min  
Response: 5910622  
Conc: 40.33 ug/ml

Instrument :  
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ClientSampleId :  
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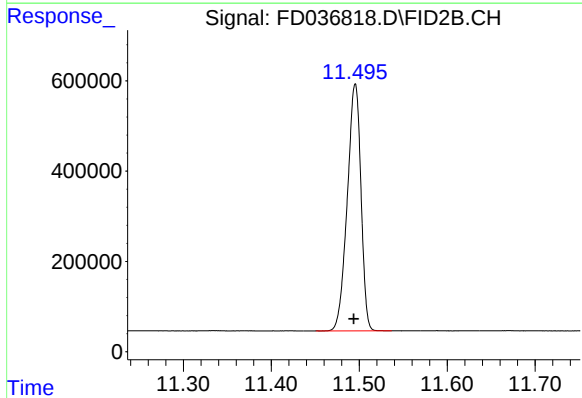
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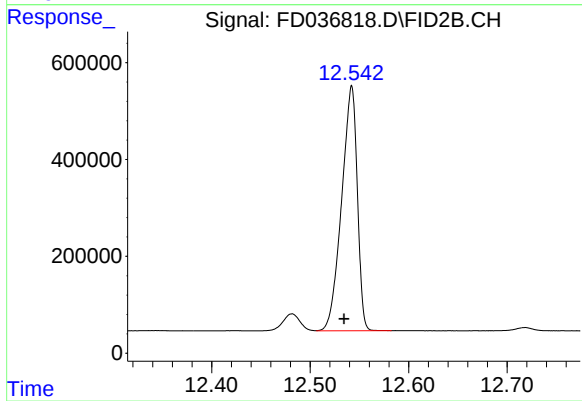
#10 Anthracene (C19.43)

R.T.: 10.806 min  
Delta R.T.: 0.006 min  
Response: 5828978  
Conc: 40.26 ug/ml



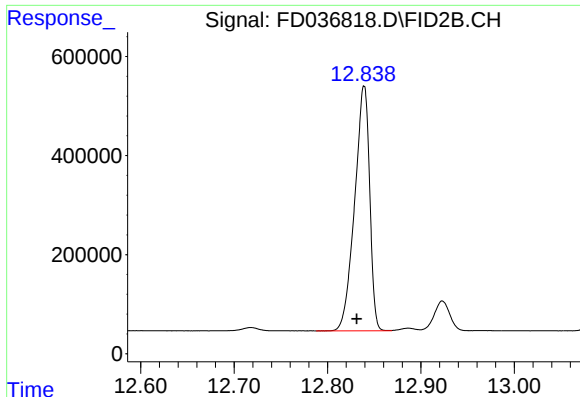
#11 ortho-Terphenyl (SURR)

R.T.: 11.495 min  
Delta R.T.: 0.002 min  
Response: 5915386  
Conc: 38.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.542 min  
Delta R.T.: 0.008 min  
Response: 5585845  
Conc: 39.79 ug/ml



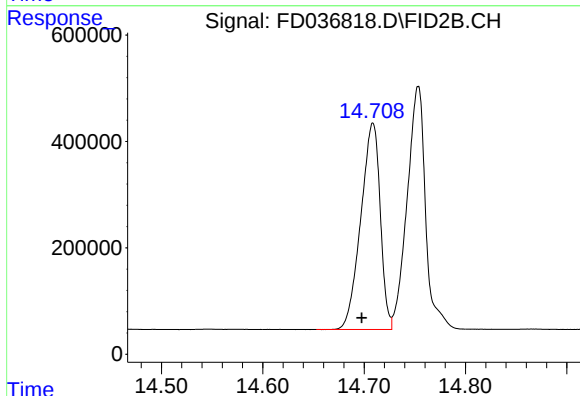
#13 Pyrene (C20.8)

R.T.: 12.839 min  
Delta R.T.: 0.008 min  
Response: 5520471  
Conc: 40.24 ug/ml

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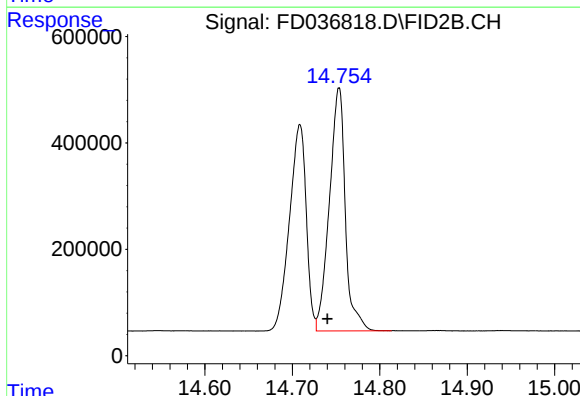
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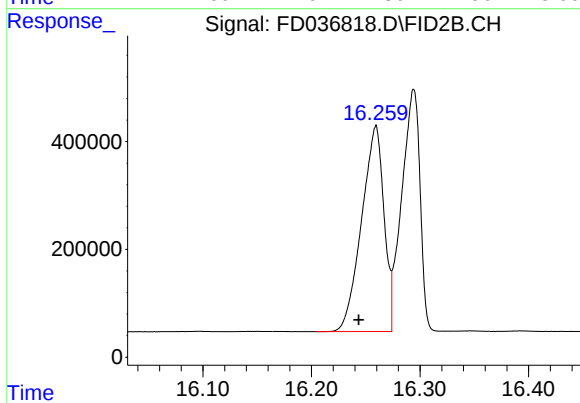
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.709 min  
Delta R.T.: 0.011 min  
Response: 5168671  
Conc: 43.52 ug/ml



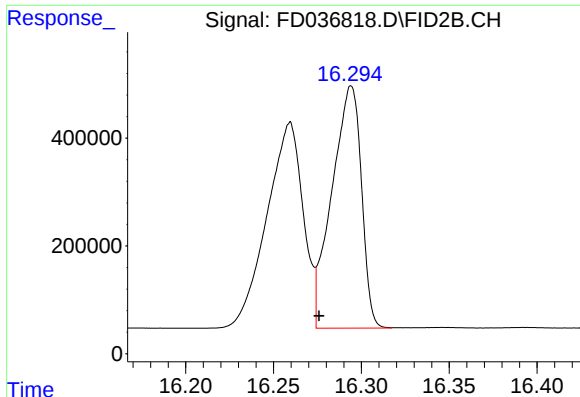
#15 Chrysene (C27.41)

R.T.: 14.753 min  
Delta R.T.: 0.013 min  
Response: 5784451  
Conc: 47.83 ug/ml



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

R.T.: 16.259 min  
Delta R.T.: 0.016 min  
Response: 5456820  
Conc: 49.73 ug/ml



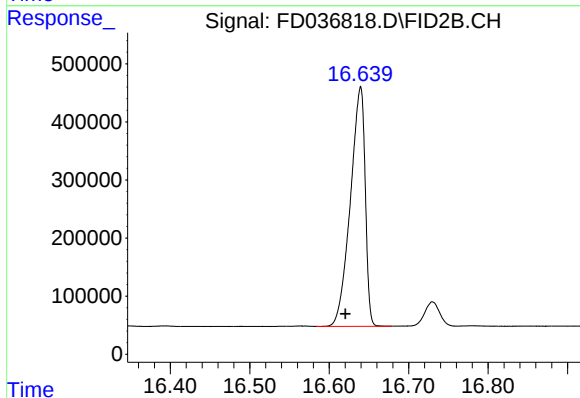
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.294 min  
Delta R.T.: 0.018 min  
Response: 5224550  
Conc: 49.15 ug/ml m

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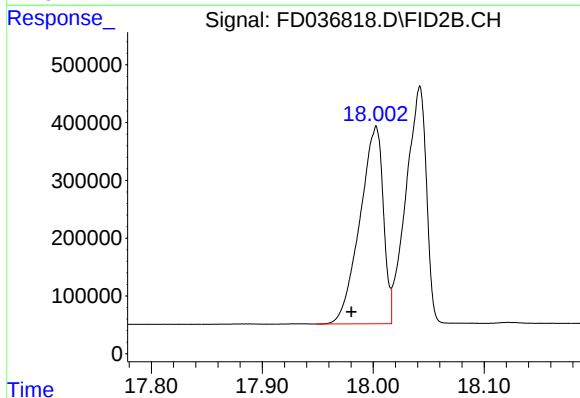
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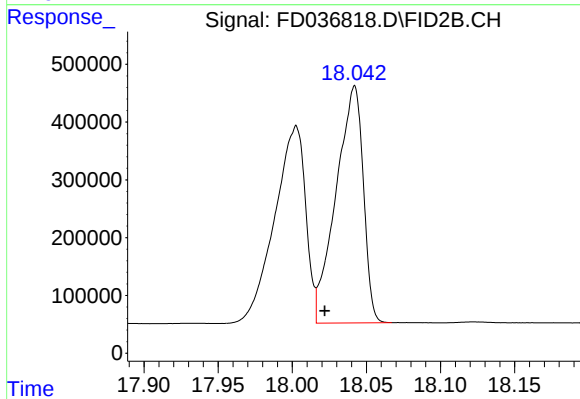
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.639 min  
Delta R.T.: 0.019 min  
Response: 5337426  
Conc: 53.56 ug/ml



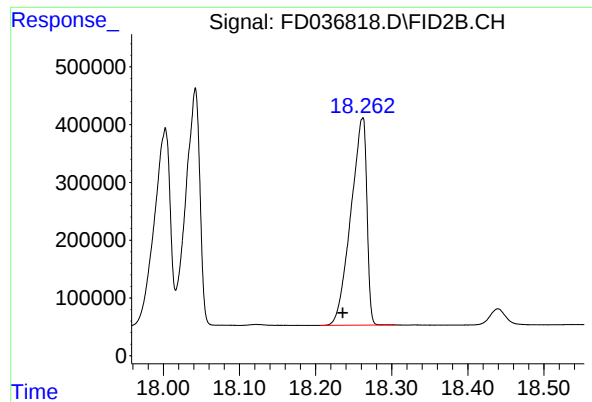
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.003 min  
Delta R.T.: 0.022 min  
Response: 5002162  
Conc: 49.76 ug/ml



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

R.T.: 18.042 min  
Delta R.T.: 0.020 min  
Response: 5232897  
Conc: 51.90 ug/ml m



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

R.T.: 18.262 min  
Delta R.T.: 0.026 min  
Response: 5235715  
Conc: 51.67 ug/ml

Instrument :  
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