

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062322AR\  
 Data File : FD043011.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Jun 2022 16:14  
 Operator : UA/NP  
 Sample : PB145777BS  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB145777BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/24/2022  
 Supervised By :Ankita Jodhani 06/24/2022

Integration File: autoint1.e  
 Quant Time: Jun 24 02:18:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 01 10:34:31 2022  
 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...      | 7.650  | 6161455    | 40.321 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 80.64%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.515  | 3435913    | 33.408 ug/mlm |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 66.82%        |
| 11) S ortho-Terphenyl (SURR)       | 11.563 | 5555328    | 31.294 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 62.59%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.438  | 4438180    | 26.508 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.983  | 5194426    | 30.044 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.038  | 5400472    | 33.866 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.317  | 5453439    | 31.564 ug/mlm |
| 7) T Acenaphthene (C15.5)          | 8.616  | 5639591    | 32.776 ug/mlm |
| 8) T Flouorene (C16.55)            | 9.398  | 6019825    | 35.857 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.798 | 5891197    | 35.826 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.874 | 5774005    | 37.778 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.615 | 5781577    | 36.698 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.913 | 5700326    | 36.614 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.790 | 5613376    | 42.100 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.834 | 6254576    | 47.341 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.345 | 5742461    | 43.106 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.380 | 5591730    | 45.147 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.724 | 5153471    | 41.637 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.094 | 5625963    | 50.474 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.134 | 5320538    | 47.831 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.352 | 5373917    | 45.214 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: Jun 24 02:18:16 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052722.M

Quant Title : GC Extractables

QLast Update : Wed Jun 01 10:34:31 2022

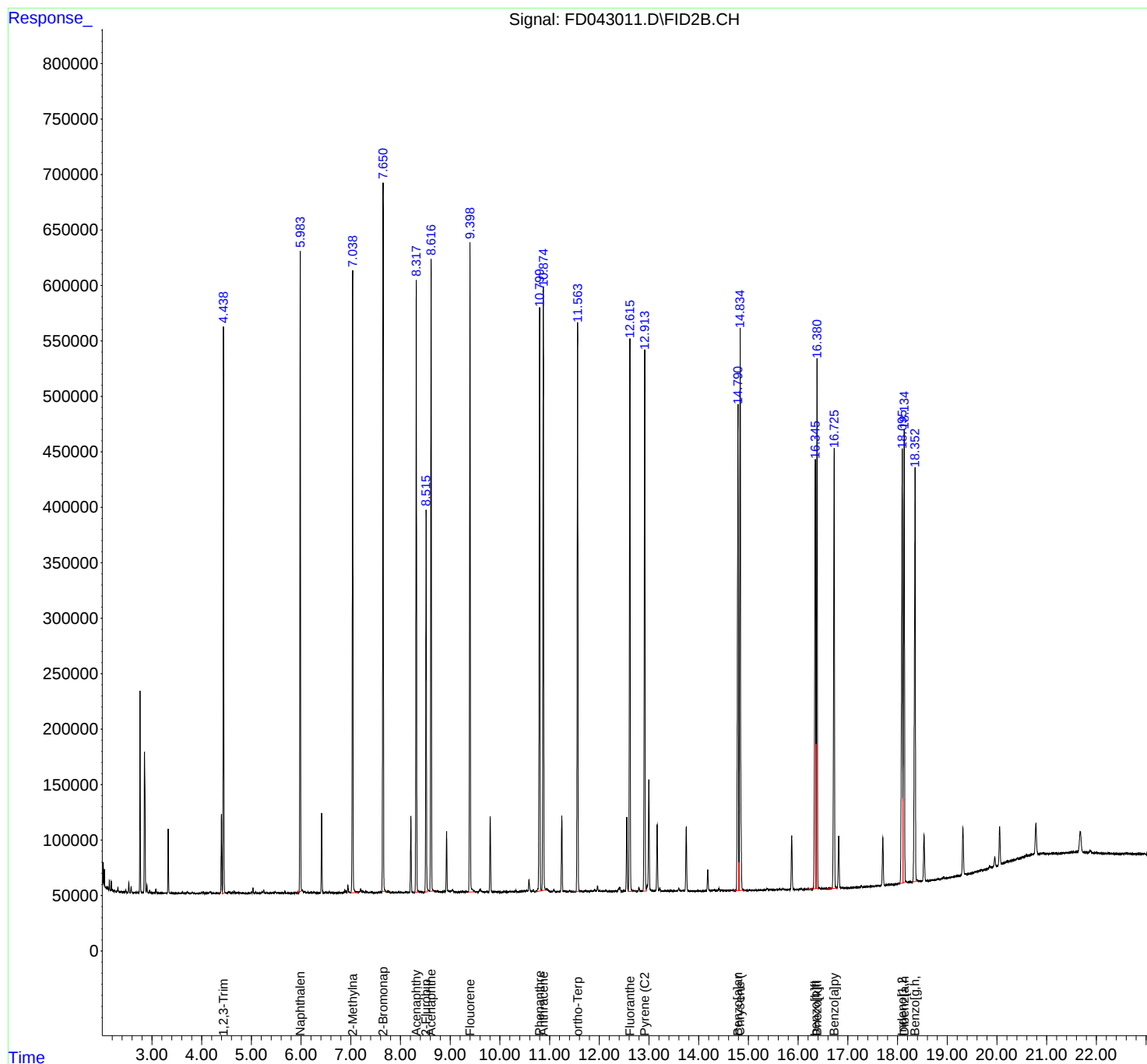
Response via : Initial Calibration

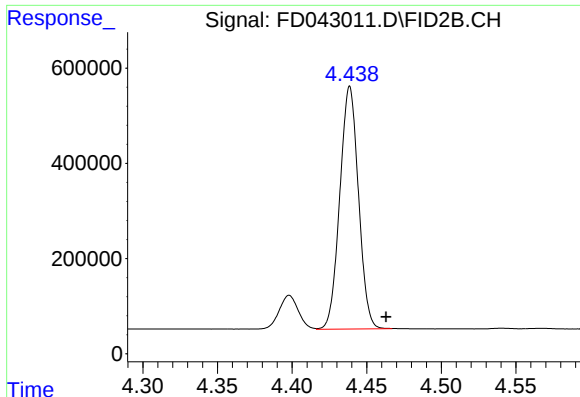
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.438 min  
Delta R.T.: -0.025 min  
Response: 4438180  
Conc: 26.51 ug/ml

Instrument :

FID\_D

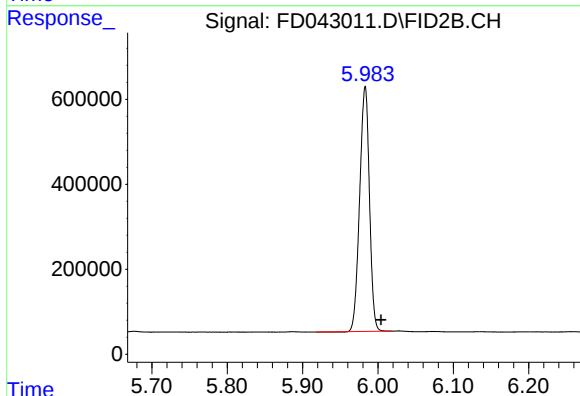
ClientSampleId :

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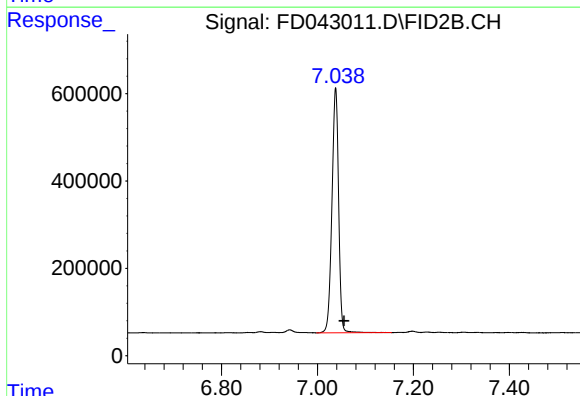
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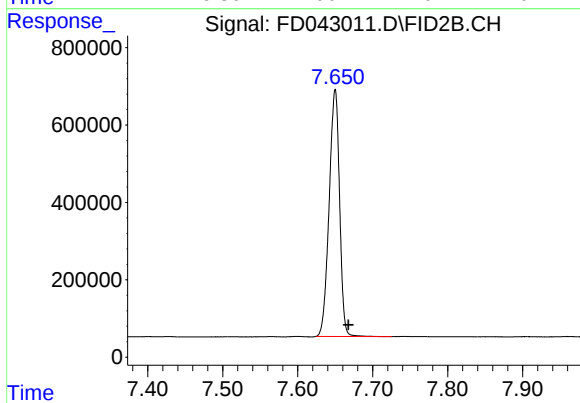
#2 Naphthalene (C11.7)

R.T.: 5.983 min  
Delta R.T.: -0.021 min  
Response: 5194426  
Conc: 30.04 ug/ml



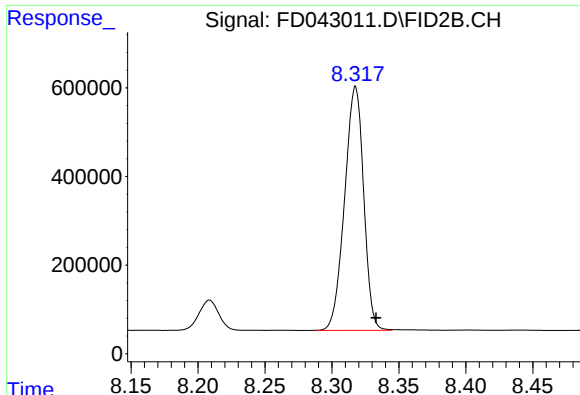
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min  
Delta R.T.: -0.018 min  
Response: 5400472  
Conc: 33.87 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.650 min  
Delta R.T.: -0.018 min  
Response: 6161455  
Conc: 40.32 ug/ml



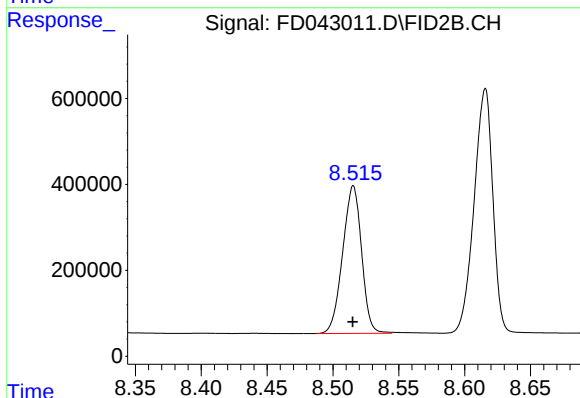
#5 Acenaphthylene (C15.06)

R.T.: 8.317 min  
Delta R.T.: -0.016 min  
Response: 5453439  
Conc: 31.56 ug/ml

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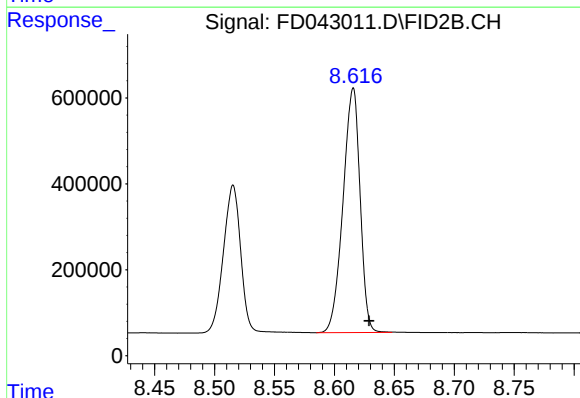
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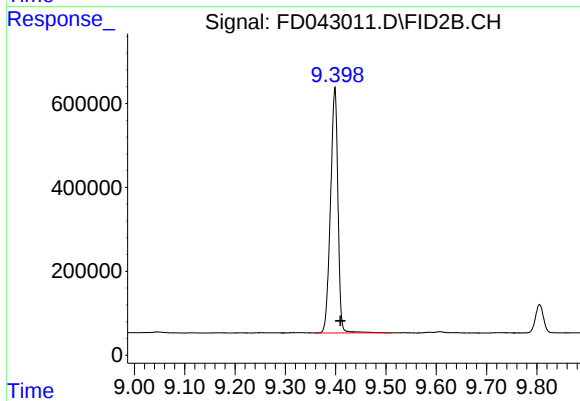
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min  
Delta R.T.: 0.000 min  
Response: 3435913  
Conc: 33.41 ug/ml m



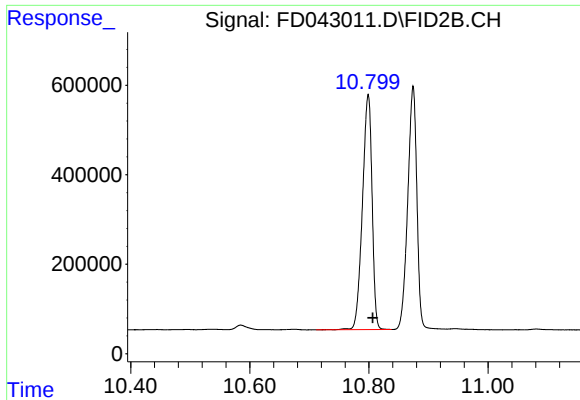
#7 Acenaphthene (C15.5)

R.T.: 8.616 min  
Delta R.T.: -0.013 min  
Response: 5639591  
Conc: 32.78 ug/ml m



#8 Fluorene (C16.55)

R.T.: 9.398 min  
Delta R.T.: -0.011 min  
Response: 6019825  
Conc: 35.86 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.798 min  
Delta R.T.: -0.008 min  
Response: 5891197  
Conc: 35.83 ug/ml

Instrument :

FID\_D

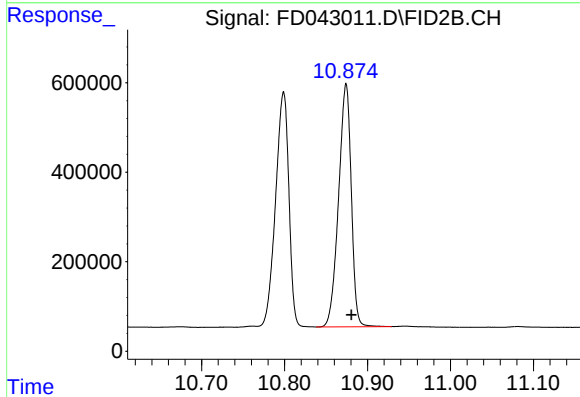
ClientSampleId :

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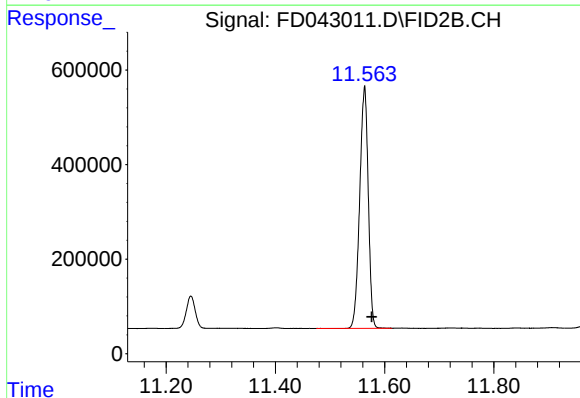
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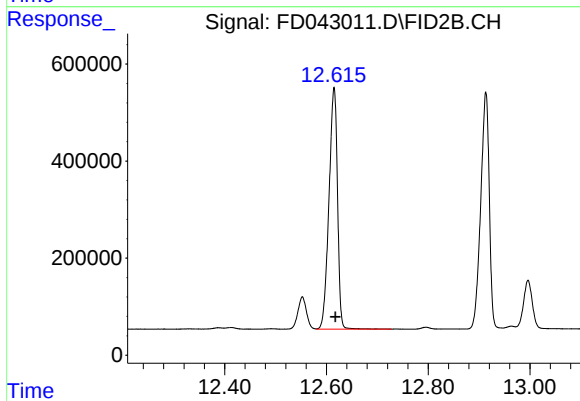
#10 Anthracene (C19.43)

R.T.: 10.874 min  
Delta R.T.: -0.007 min  
Response: 5774005  
Conc: 37.78 ug/ml



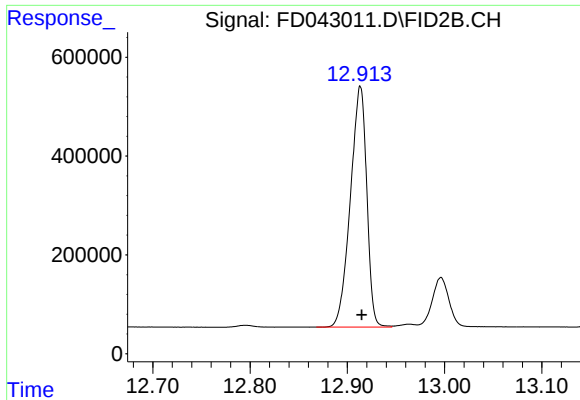
#11 ortho-Terphenyl (SURR)

R.T.: 11.563 min  
Delta R.T.: -0.013 min  
Response: 5555328  
Conc: 31.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.615 min  
Delta R.T.: -0.003 min  
Response: 5781577  
Conc: 36.70 ug/ml



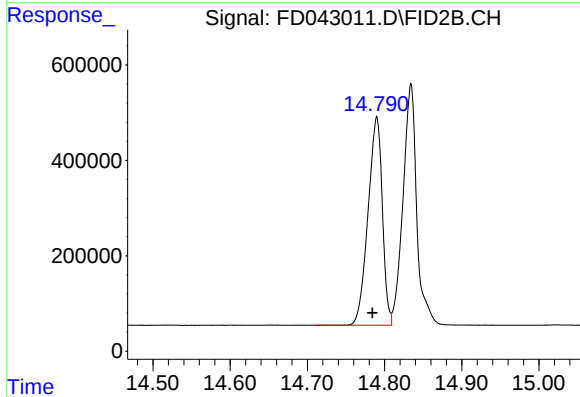
#13 Pyrene (C20.8)

R.T.: 12.913 min  
Delta R.T.: -0.002 min  
Response: 5700326  
Conc: 36.61 ug/ml

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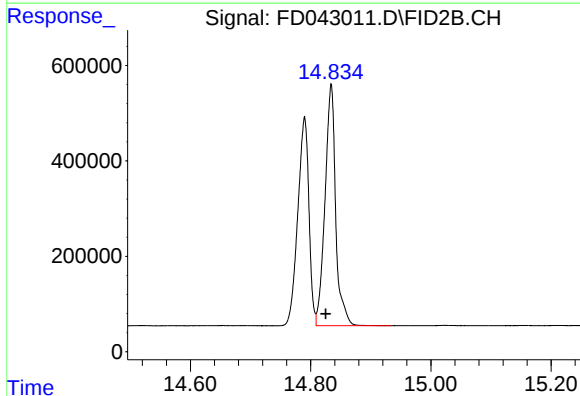
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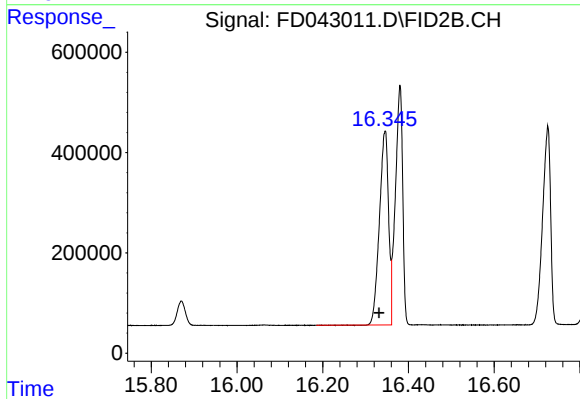
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.790 min  
Delta R.T.: 0.005 min  
Response: 5613376  
Conc: 42.10 ug/ml



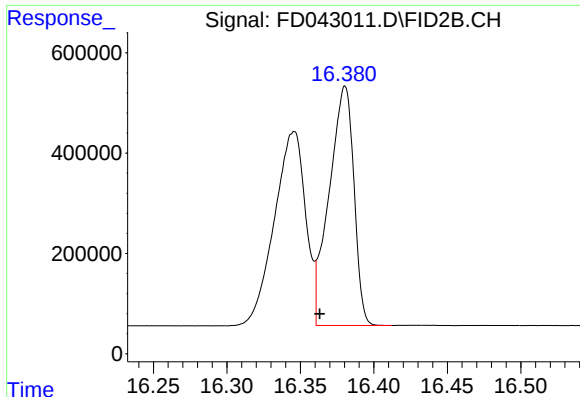
#15 Chrysene (C27.41)

R.T.: 14.834 min  
Delta R.T.: 0.009 min  
Response: 6254576  
Conc: 47.34 ug/ml



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

R.T.: 16.345 min  
Delta R.T.: 0.013 min  
Response: 5742461  
Conc: 43.11 ug/ml



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

R.T.: 16.380 min  
Delta R.T.: 0.017 min  
Response: 5591730  
Conc: 45.15 ug/ml

Instrument :

FID\_D

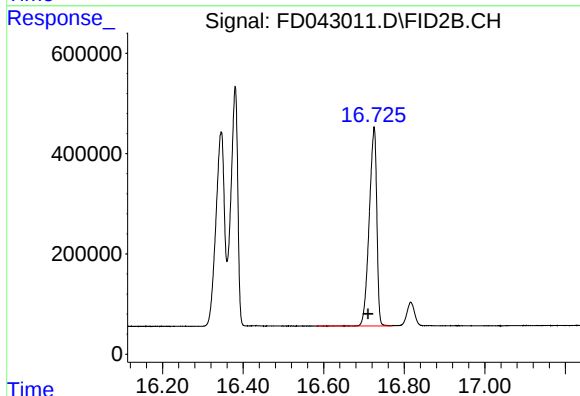
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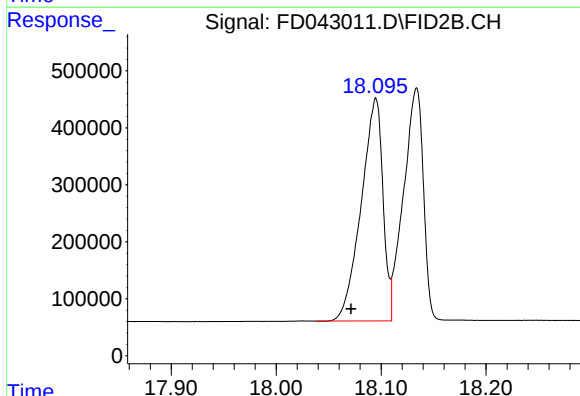
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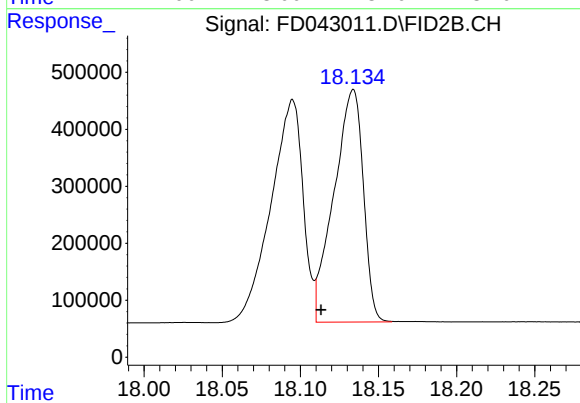
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.724 min  
Delta R.T.: 0.015 min  
Response: 5153471  
Conc: 41.64 ug/ml



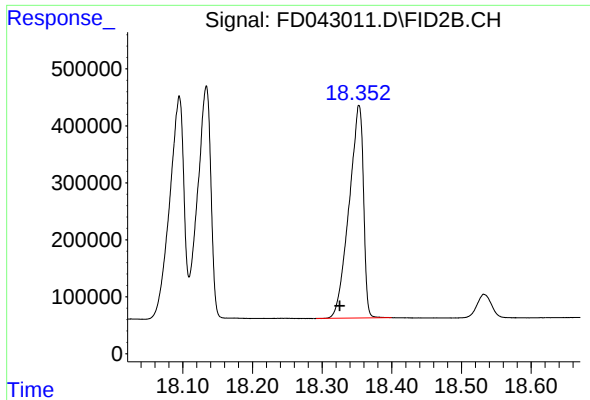
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.094 min  
Delta R.T.: 0.023 min  
Response: 5625963  
Conc: 50.47 ug/ml



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

R.T.: 18.134 min  
Delta R.T.: 0.020 min  
Response: 5320538  
Conc: 47.83 ug/ml m



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

R.T.: 18.352 min  
Delta R.T.: 0.027 min  
Response: 5373917  
Conc: 45.21 ug/ml

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