

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD060722AR\  
 Data File : FD042813.D  
 Signal(s) : FID2B.CH  
 Acq On : 07 Jun 2022 17:47  
 Operator : UA/NP  
 Sample : PB145301BSD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB145301BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/08/2022  
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e  
 Quant Time: Jun 08 06:17:17 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...      | 7.662  | 7024056    | 45.966 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 91.93%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.527  | 4628660    | 45.006 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 90.01%        |
| 11) S ortho-Terphenyl (SURR)       | 11.577 | 6286096    | 35.410 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 70.82%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.452  | 4999089    | 29.858 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.995  | 5679584    | 32.850 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.049  | 5830568    | 36.563 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.329  | 5797332    | 33.555 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.627  | 6240819    | 36.270 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.409  | 6486270    | 38.636 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.809 | 6610381    | 40.199 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.885 | 6522837    | 42.677 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.626 | 6310232    | 40.053 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.923 | 6228817    | 40.008 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.798 | 5675949    | 42.570 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.842 | 6336272    | 47.959 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.351 | 5703324    | 42.813 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.387 | 5634544    | 45.492 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.730 | 5045993    | 40.769 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.100 | 5644949    | 50.645 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.140 | 5259828    | 47.286 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.357 | 5326031    | 44.811 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP  
Sample : PB145301BSD  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

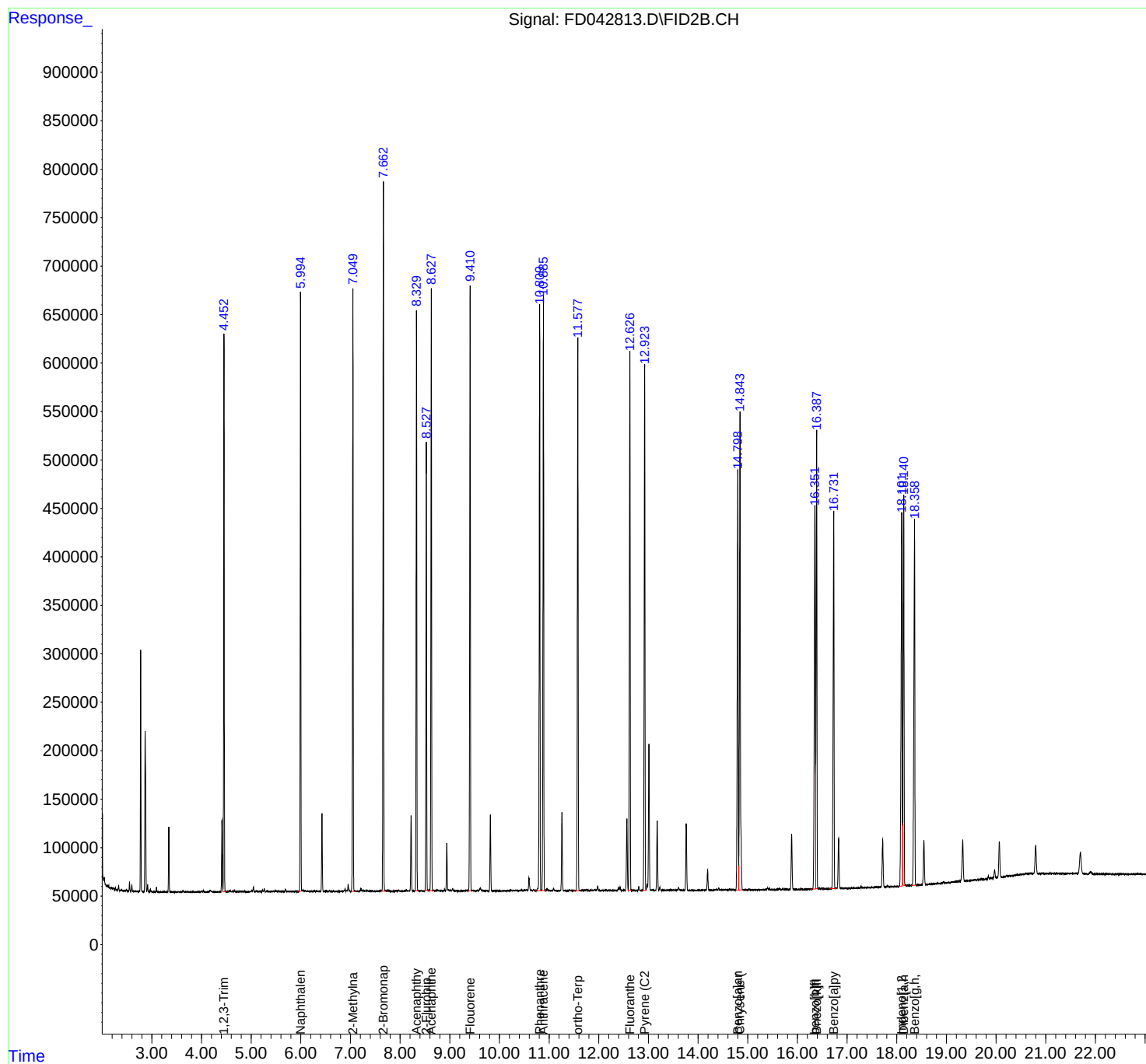
Instrument :  
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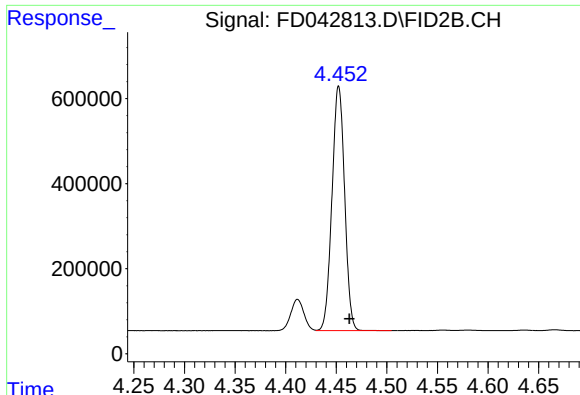
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.452 min  
Delta R.T.: -0.011 min  
Response: 4999089  
Conc: 29.86 ug/ml

Instrument :

FID\_D

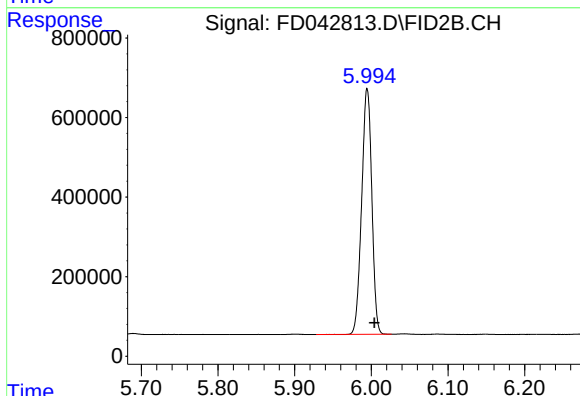
ClientSampleId :

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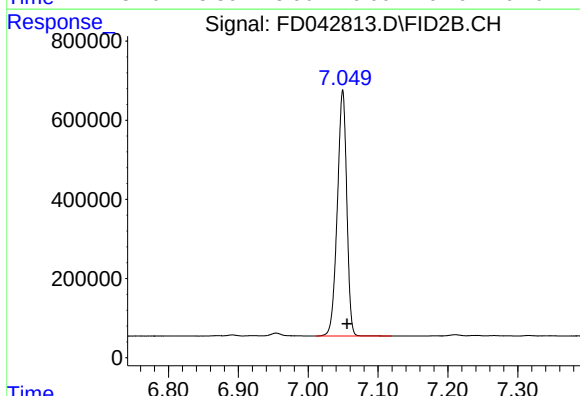
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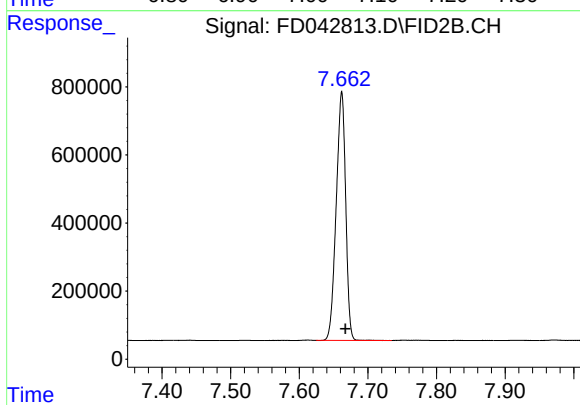
#2 Naphthalene (C11.7)

R.T.: 5.995 min  
Delta R.T.: -0.009 min  
Response: 5679584  
Conc: 32.85 ug/ml



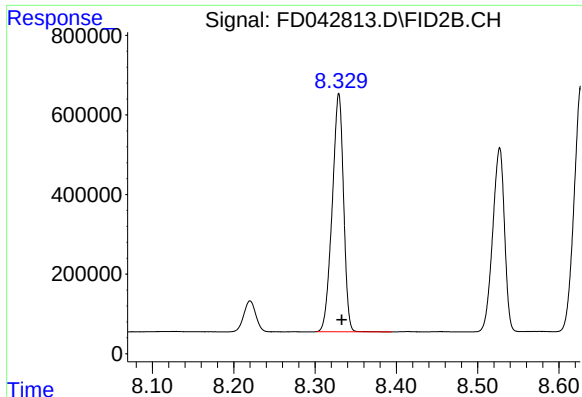
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.049 min  
Delta R.T.: -0.006 min  
Response: 5830568  
Conc: 36.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.662 min  
Delta R.T.: -0.006 min  
Response: 7024056  
Conc: 45.97 ug/ml



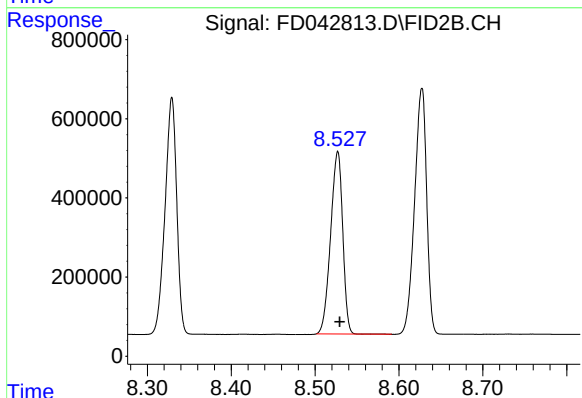
#5 Acenaphthylene (C15.06)

R.T.: 8.329 min  
Delta R.T.: -0.004 min  
Response: 5797332  
Conc: 33.55 ug/ml

Instrument :  
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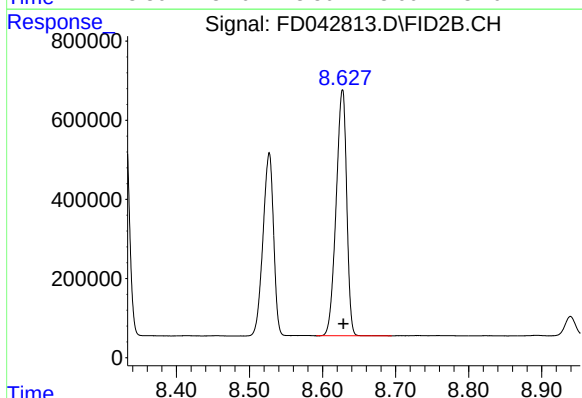
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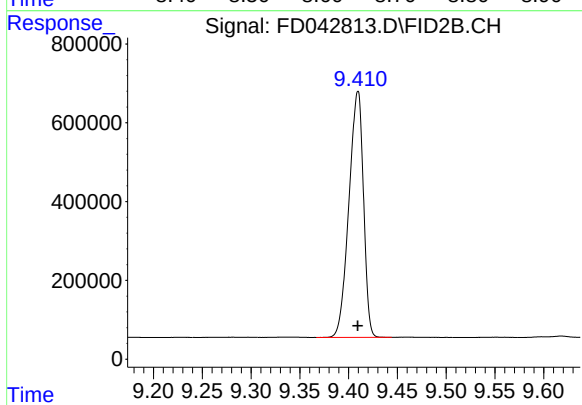
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.527 min  
Delta R.T.: -0.002 min  
Response: 4628660  
Conc: 45.01 ug/ml



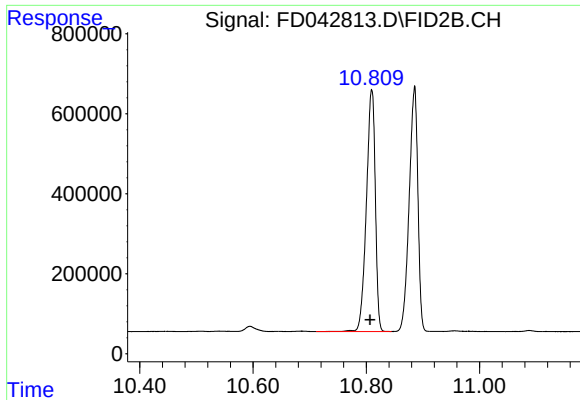
#7 Acenaphthene (C15.5)

R.T.: 8.627 min  
Delta R.T.: -0.002 min  
Response: 6240819  
Conc: 36.27 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.409 min  
Delta R.T.: 0.000 min  
Response: 6486270  
Conc: 38.64 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.809 min  
Delta R.T.: 0.003 min  
Response: 6610381  
Conc: 40.20 ug/ml

Instrument :

FID\_D

ClientSampleId :

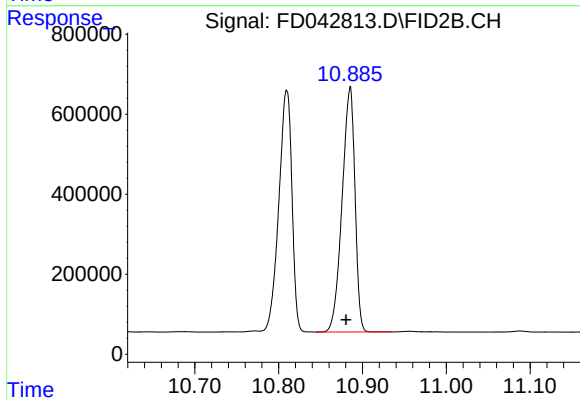
PB145301BSD

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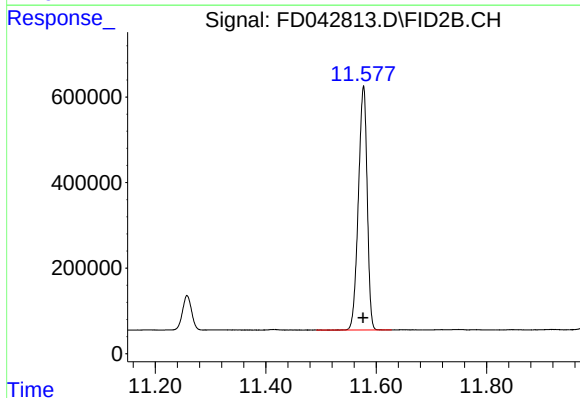
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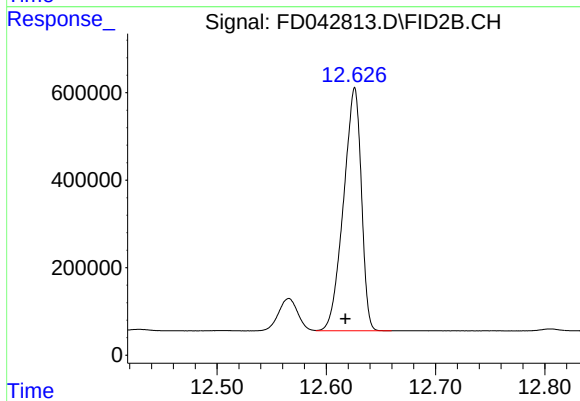
#10 Anthracene (C19.43)

R.T.: 10.885 min  
Delta R.T.: 0.004 min  
Response: 6522837  
Conc: 42.68 ug/ml



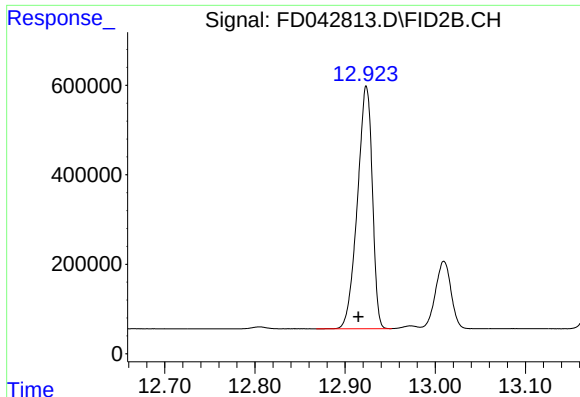
#11 ortho-Terphenyl (SURR)

R.T.: 11.577 min  
Delta R.T.: 0.000 min  
Response: 6286096  
Conc: 35.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.626 min  
Delta R.T.: 0.008 min  
Response: 6310232  
Conc: 40.05 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.923 min  
Delta R.T.: 0.009 min  
Response: 6228817  
Conc: 40.01 ug/ml

Instrument :

FID\_D

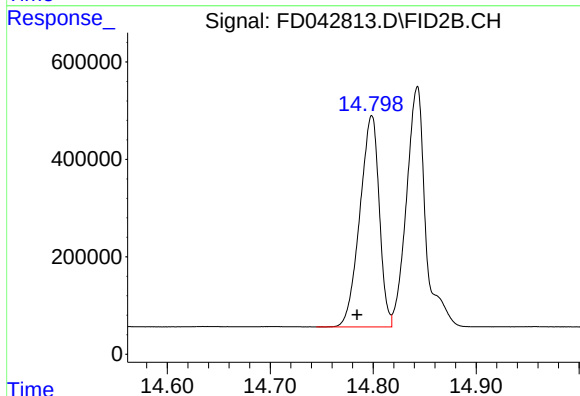
ClientSampleId :

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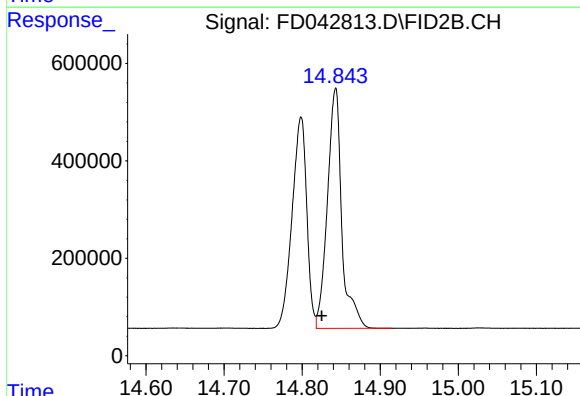
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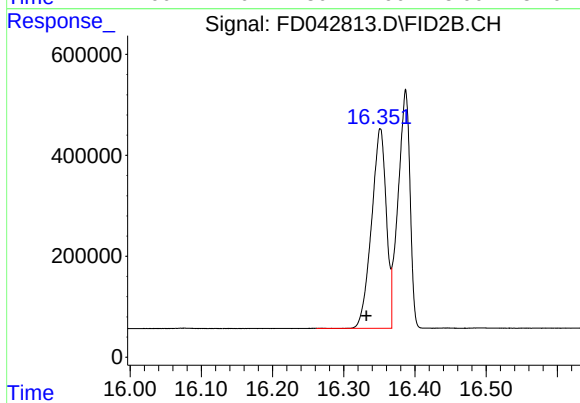
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min  
Delta R.T.: 0.014 min  
Response: 5675949  
Conc: 42.57 ug/ml



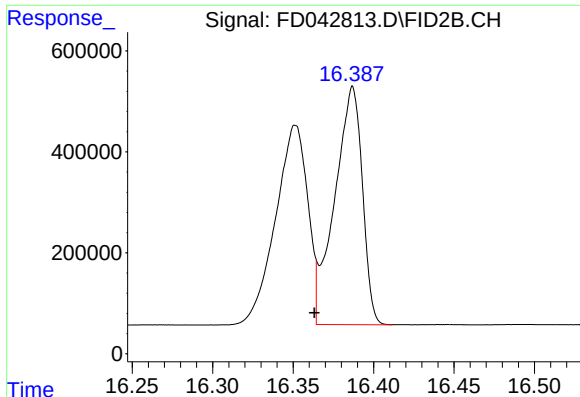
#15 Chrysene (C27.41)

R.T.: 14.842 min  
Delta R.T.: 0.017 min  
Response: 6336272  
Conc: 47.96 ug/ml



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

R.T.: 16.351 min  
Delta R.T.: 0.019 min  
Response: 5703324  
Conc: 42.81 ug/ml



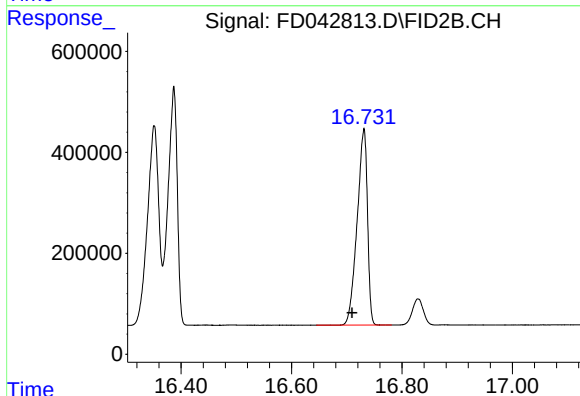
# #17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.387 min  
Delta R.T.: 0.023 min  
Response: 5634544  
Conc: 45.49 ug/ml

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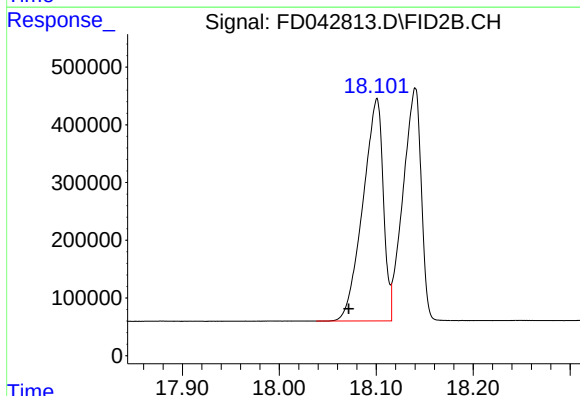
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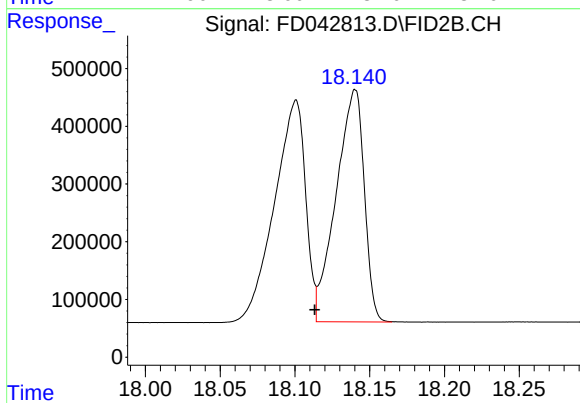
# #18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min  
Delta R.T.: 0.021 min  
Response: 5045993  
Conc: 40.77 ug/ml



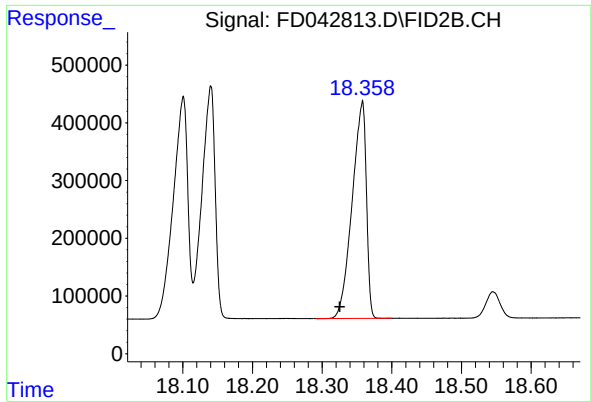
# #19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.100 min  
Delta R.T.: 0.029 min  
Response: 5644949  
Conc: 50.64 ug/ml



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

R.T.: 18.140 min  
Delta R.T.: 0.026 min  
Response: 5259828  
Conc: 47.29 ug/ml m



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

R.T.: 18.357 min  
Delta R.T.: 0.032 min  
Response: 5326031  
Conc: 44.81 ug/ml

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