

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051723AR\  
 Data File : FD045665.D  
 Signal(s) : FID2B.ch  
 Acq On : 17 May 2023 16:47  
 Operator : YP/AJ  
 Sample : PB152853BS  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB152853BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/18/2023  
 Supervised By :Ankita Jodhani 05/18/2023

Integration File: autoint1.e  
 Quant Time: May 18 03:45:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 050523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 05 18:09:33 2023  
 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...      | 7.543  | 8137369    | 47.706 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 95.41%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.400  | 5311300    | 46.196 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 92.39%        |
| 11) S ortho-Terphenyl (SURR)       | 11.439 | 8603084    | 40.750 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 81.50%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.351  | 7388206    | 39.580 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.881  | 8386819    | 42.638 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.932  | 8352175    | 42.280 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.204  | 9086669    | 50.576 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.501  | 9598577    | 50.440 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.279  | 9535840    | 50.563 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.671 | 9825884    | 52.863 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.747 | 9905849    | 55.410 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.478 | 9868432    | 54.704 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.774 | 9892300    | 56.444 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.638 | 9192578    | 57.753 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.683 | 9095529    | 56.014 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.181 | 8911404    | 60.508 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.219 | 8673811    | 59.988 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.557 | 7735861    | 55.483 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.914 | 7387102    | 58.142 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.957 | 7593941    | 59.129 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.172 | 7636785    | 59.373 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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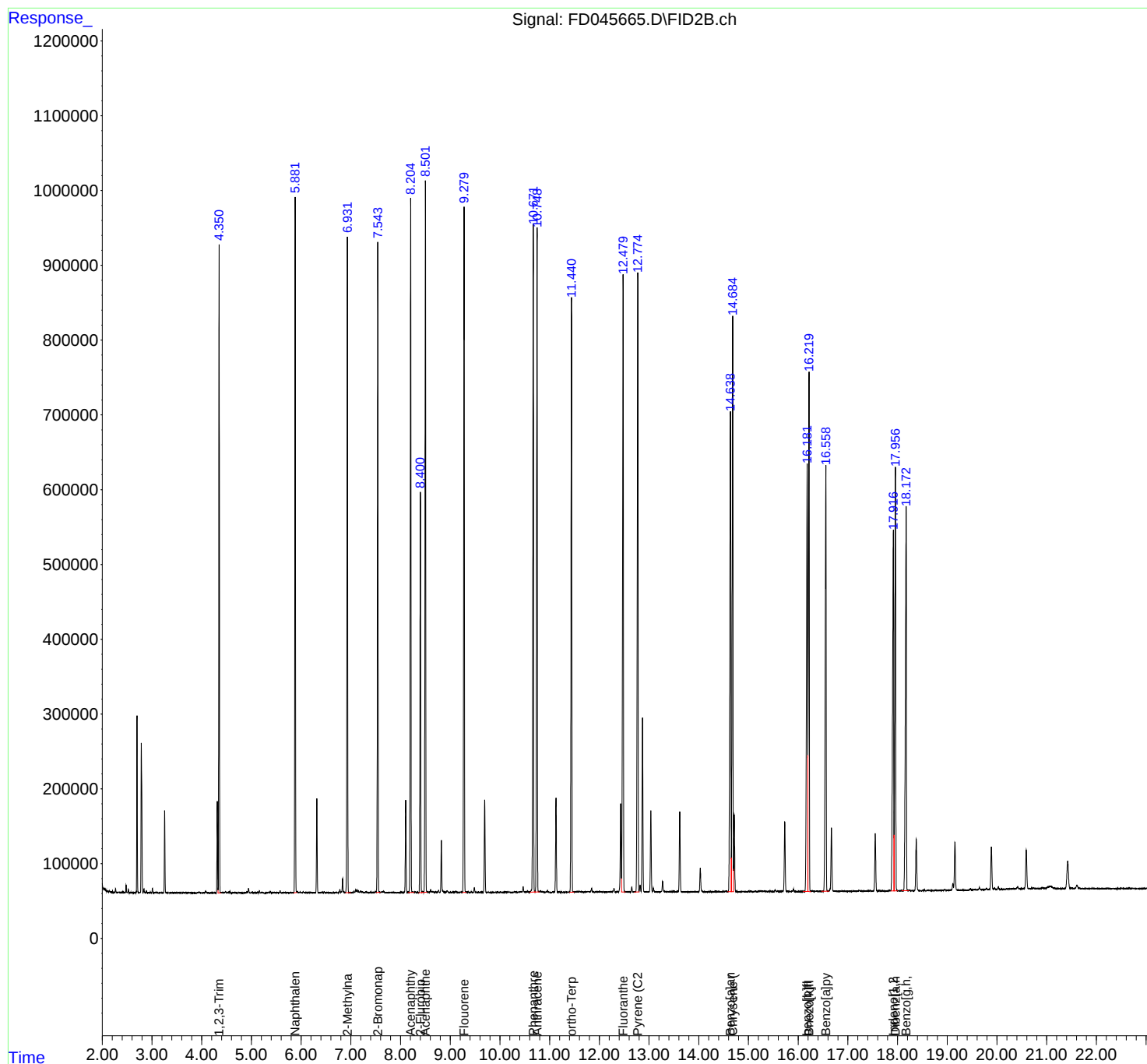
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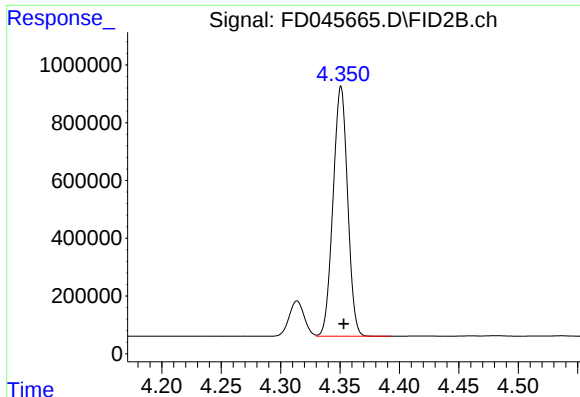
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.351 min  
Delta R.T.: -0.002 min  
Response: 7388206  
Conc: 39.58 ug/ml

Instrument :

FID\_D

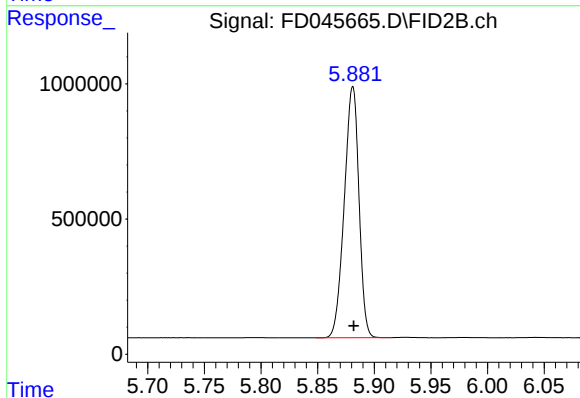
ClientSampleId :

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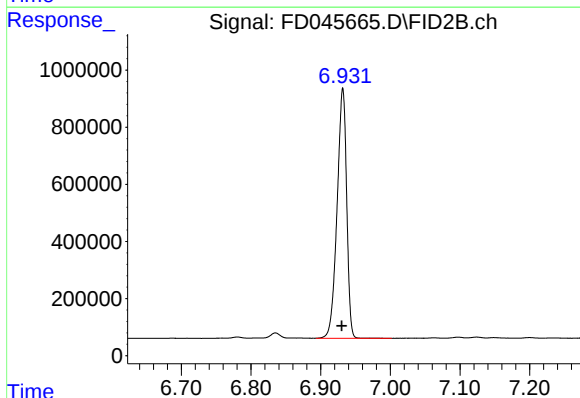
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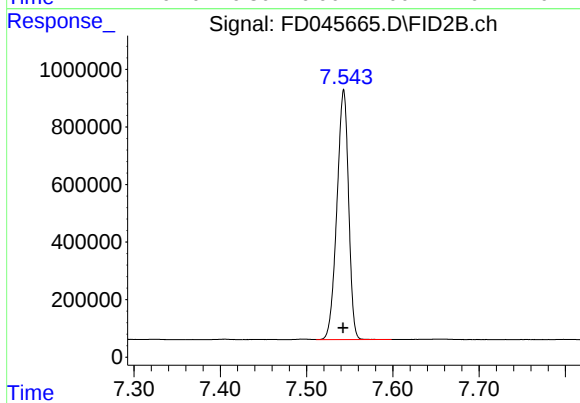
#2 Naphthalene (C11.7)

R.T.: 5.881 min  
Delta R.T.: -0.001 min  
Response: 8386819  
Conc: 42.64 ug/ml



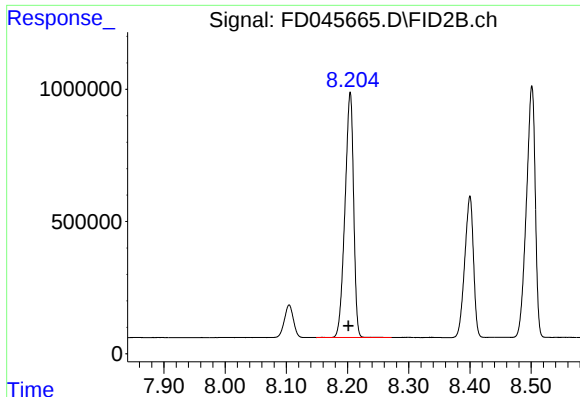
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min  
Delta R.T.: 0.001 min  
Response: 8352175  
Conc: 42.28 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.543 min  
Delta R.T.: 0.000 min  
Response: 8137369  
Conc: 47.71 ug/ml



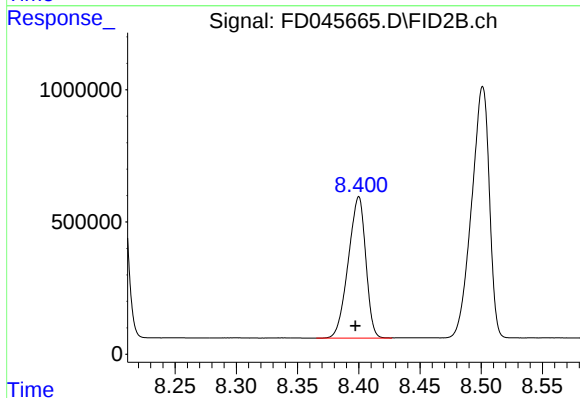
#5 Acenaphthylene (C15.06)

R.T.: 8.204 min  
Delta R.T.: 0.003 min  
Response: 9086669  
Conc: 50.58 ug/ml

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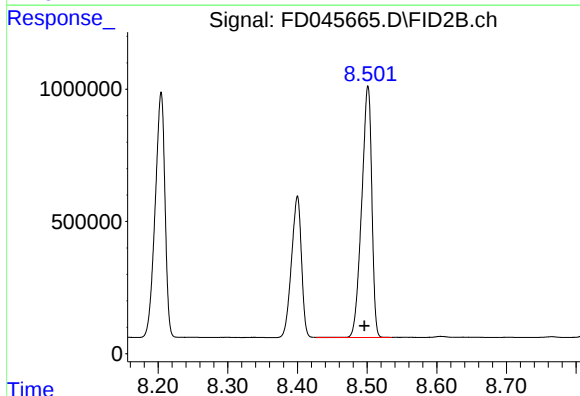
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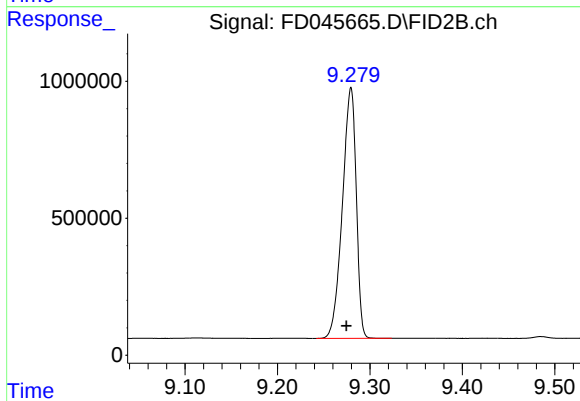
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min  
Delta R.T.: 0.002 min  
Response: 5311300  
Conc: 46.20 ug/ml



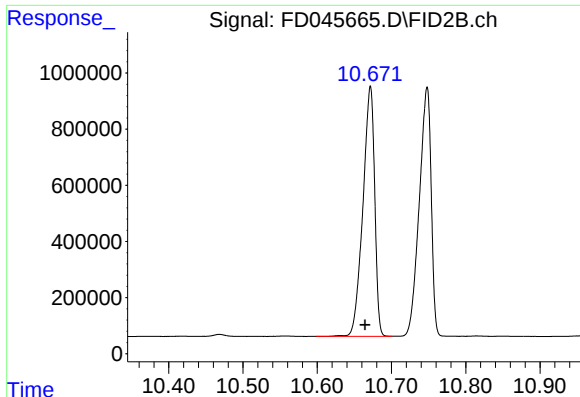
#7 Acenaphthene (C15.5)

R.T.: 8.501 min  
Delta R.T.: 0.005 min  
Response: 9598577  
Conc: 50.44 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.279 min  
Delta R.T.: 0.005 min  
Response: 9535840  
Conc: 50.56 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.671 min  
Delta R.T.: 0.007 min  
Response: 9825884  
Conc: 52.86 ug/ml

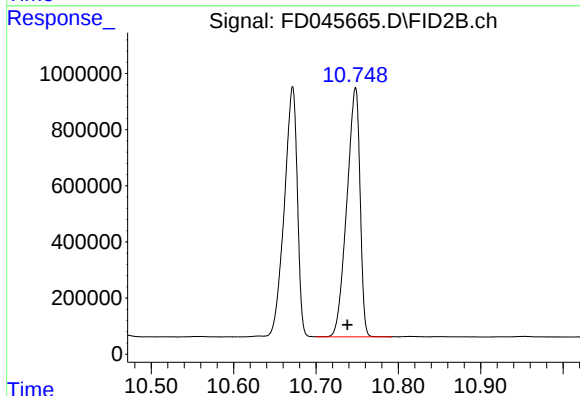
Instrument :

FID\_D

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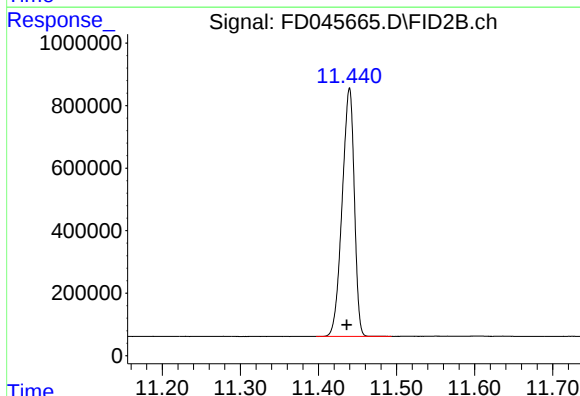
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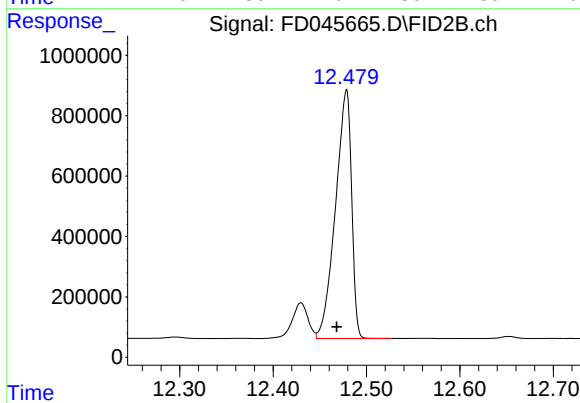
#10 Anthracene (C19.43)

R.T.: 10.747 min  
Delta R.T.: 0.009 min  
Response: 9905849  
Conc: 55.41 ug/ml



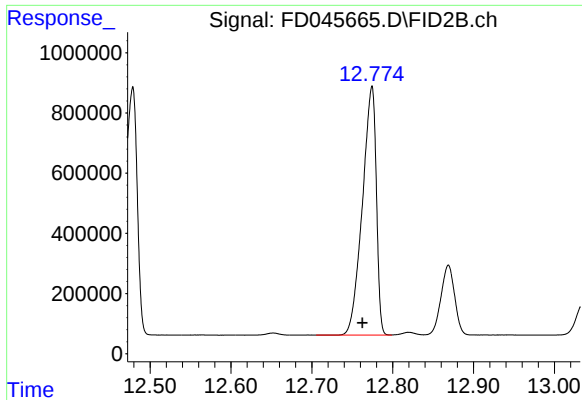
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min  
Delta R.T.: 0.003 min  
Response: 8603084  
Conc: 40.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.478 min  
Delta R.T.: 0.010 min  
Response: 9868432  
Conc: 54.70 ug/ml



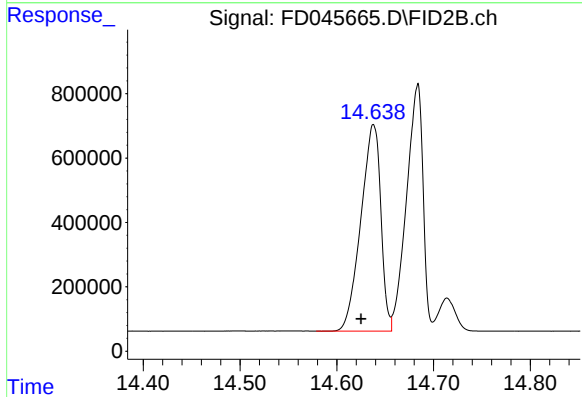
#13 Pyrene (C20.8)

R.T.: 12.774 min  
Delta R.T.: 0.011 min  
Response: 9892300  
Conc: 56.44 ug/ml

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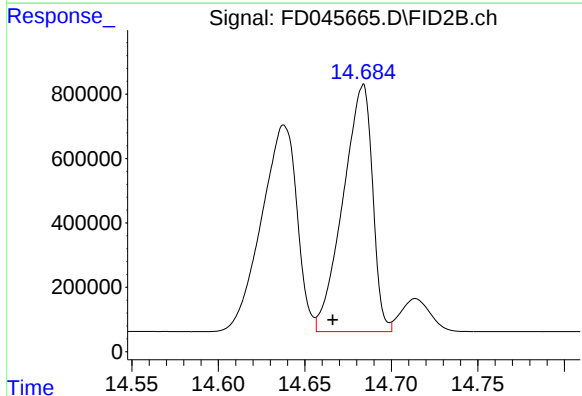
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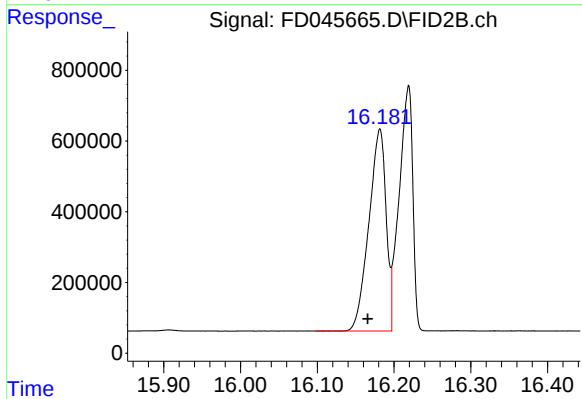
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min  
Delta R.T.: 0.013 min  
Response: 9192578  
Conc: 57.75 ug/ml



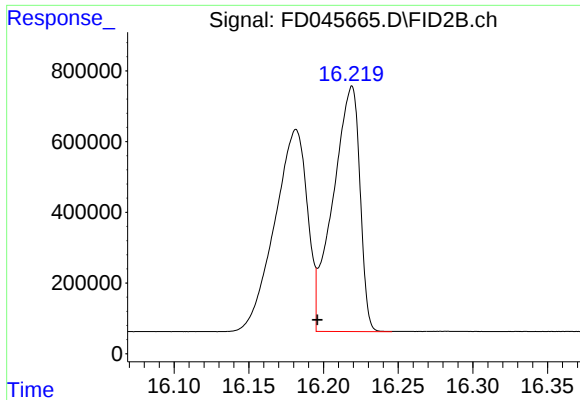
#15 Chrysene (C27.41)

R.T.: 14.683 min  
Delta R.T.: 0.017 min  
Response: 9095529  
Conc: 56.01 ug/ml



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

R.T.: 16.181 min  
Delta R.T.: 0.015 min  
Response: 8911404  
Conc: 60.51 ug/ml



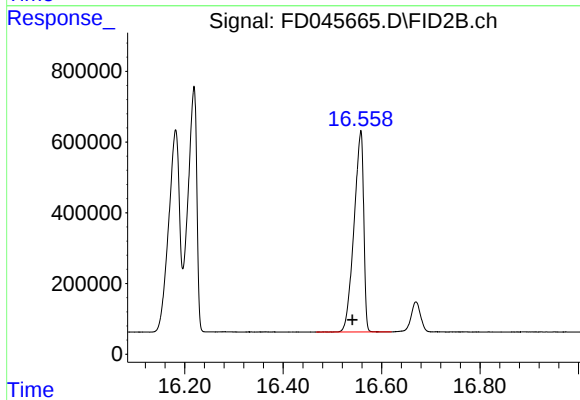
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.219 min  
Delta R.T.: 0.023 min  
Response: 8673811  
Conc: 59.99 ug/ml

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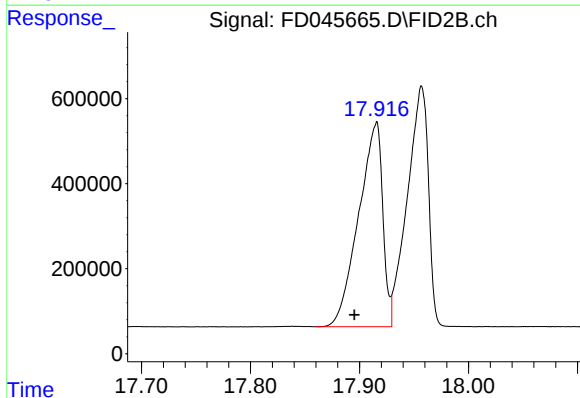
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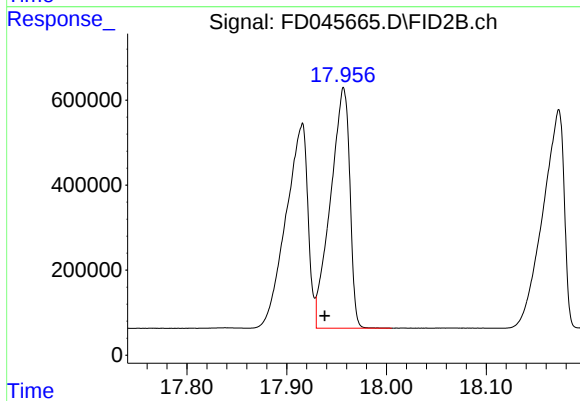
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min  
Delta R.T.: 0.016 min  
Response: 7735861  
Conc: 55.48 ug/ml



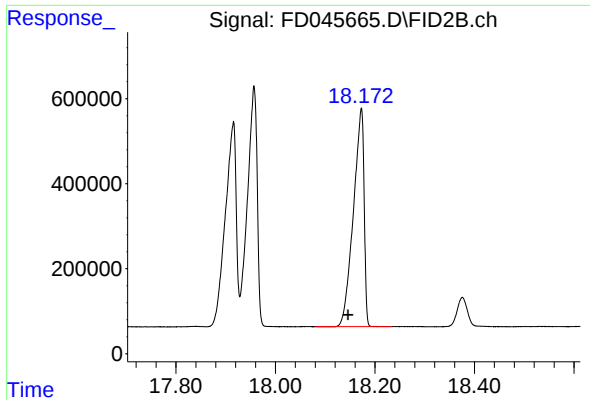
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min  
Delta R.T.: 0.019 min  
Response: 7387102  
Conc: 58.14 ug/ml



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

R.T.: 17.957 min  
Delta R.T.: 0.018 min  
Response: 7593941  
Conc: 59.13 ug/ml



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

R.T.: 18.172 min  
Delta R.T.: 0.026 min  
Response: 7636785  
Conc: 59.37 ug/ml

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