

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD123021AR\  
 Data File : FD040307.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Dec 2021 19:10  
 Operator : AJ\MA  
 Sample : PB141625BS  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB141625BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/03/2022  
 Supervised By :Ankita Jodhani 01/03/2022

Integration File: autoint1.e  
 Quant Time: Dec 31 03:41:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 123021.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 30 16:15:14 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...      | 6.814  | 5780028    | 43.990 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 87.98%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.665  | 4905685    | 57.775 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 115.55%       |
| 11) S ortho-Terphenyl (SURR)       | 10.702 | 8926538    | 63.885 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 127.77%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 3.667  | 1685223    | 11.205 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.163  | 2899420    | 19.219 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.203  | 4086255    | 27.214 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.469  | 5734626    | 42.123 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 7.764  | 6566385    | 45.202 ug/ml  |
| 8) T Fluorene (C16.55)             | 8.542  | 7660905    | 55.479 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 9.931  | 8680338    | 64.389 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.006 | 8295535    | 65.962 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 11.735 | 8892680    | 66.213 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.030 | 8773243    | 67.161 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 13.896 | 8357114    | 71.525 ug/ml  |
| 15) T Chrysene (C27.41)            | 13.942 | 8242778    | 65.930 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.442 | 8511402    | 68.619 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 15.480 | 8279167    | 66.630 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 15.818 | 7497437    | 62.281 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.181 | 7579287    | 65.303 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.224 | 7603162    | 66.894 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.439 | 7997536    | 65.532 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 30 Dec 2021 19:10  
Operator : AJ\MA  
Sample : PB141625BS  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

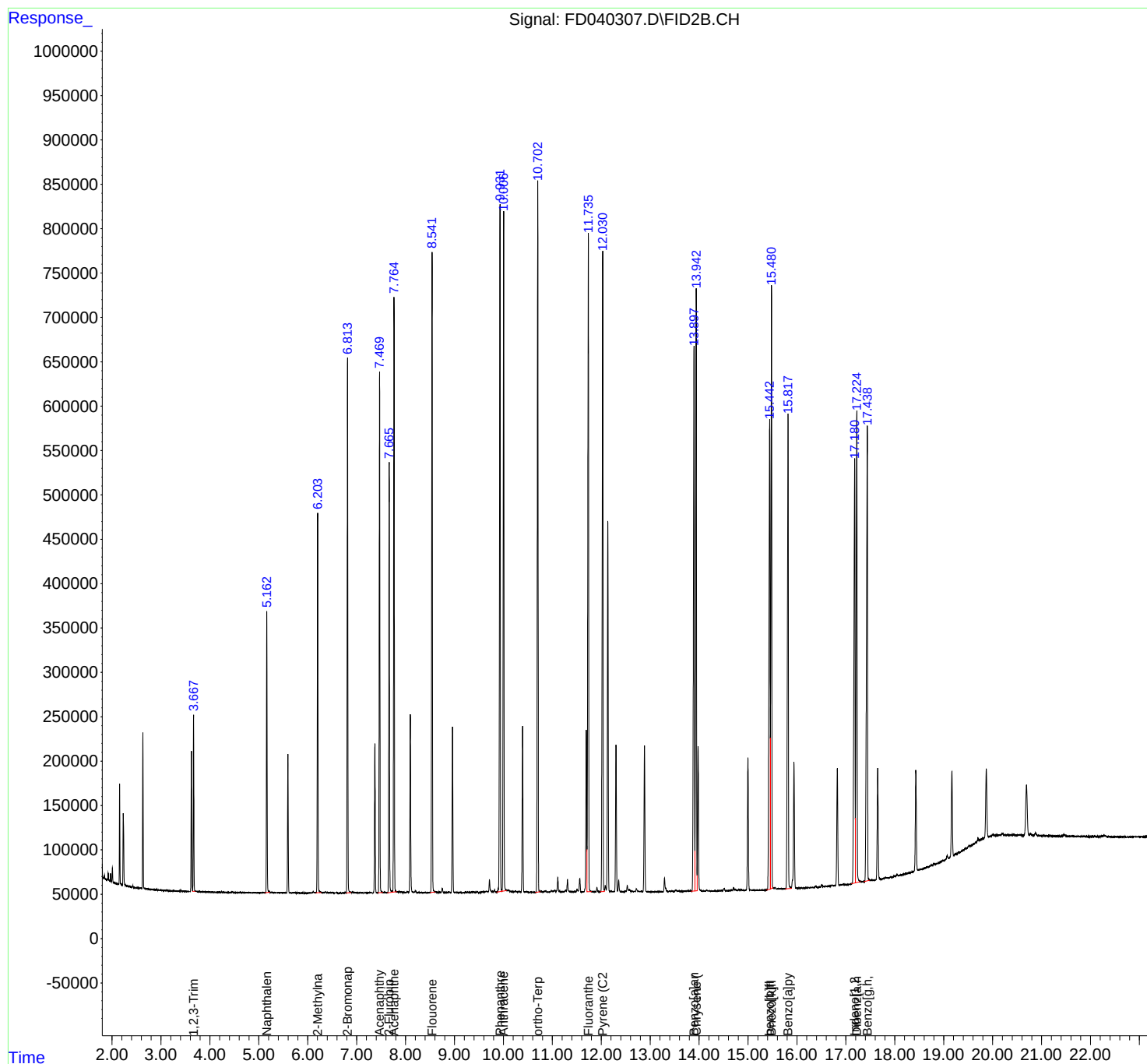
Instrument :  
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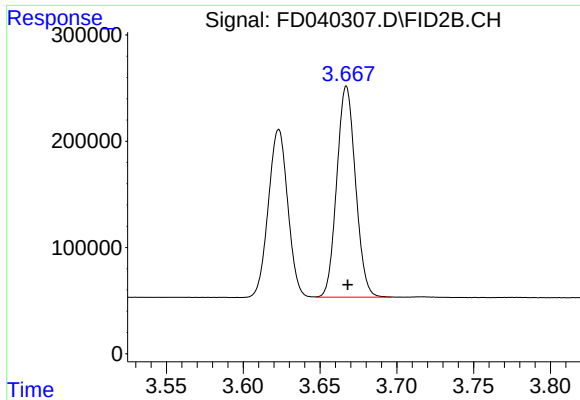
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 3.667 min  
Delta R.T.: -0.001 min  
Response: 1685223  
Conc: 11.21 ug/ml

Instrument :

FID\_D

ClientSampleId :

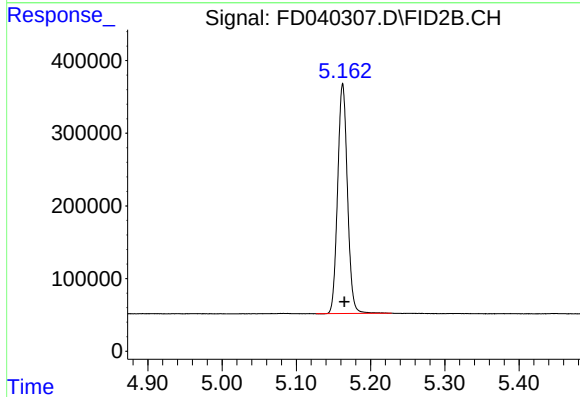
PB141625BS

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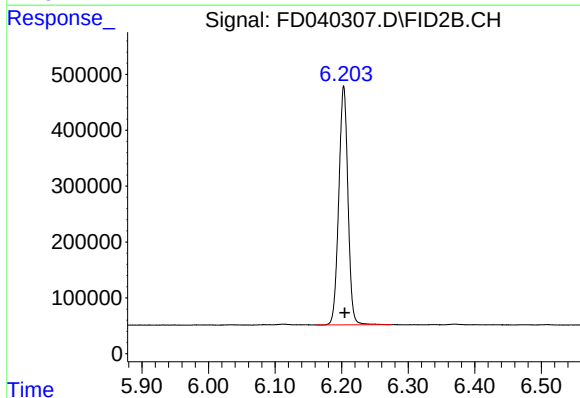
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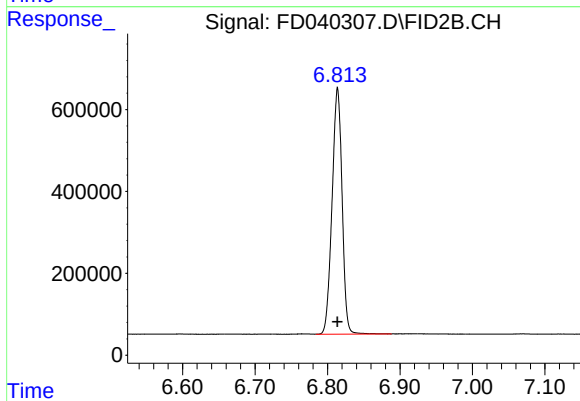
#2 Naphthalene (C11.7)

R.T.: 5.163 min  
Delta R.T.: -0.002 min  
Response: 2899420  
Conc: 19.22 ug/ml



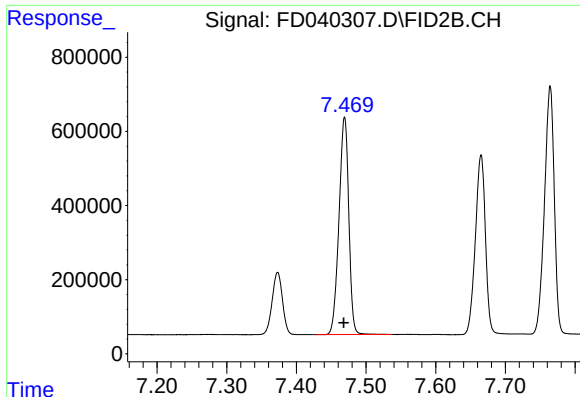
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.203 min  
Delta R.T.: -0.001 min  
Response: 4086255  
Conc: 27.21 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.814 min  
Delta R.T.: 0.000 min  
Response: 5780028  
Conc: 43.99 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.469 min  
Delta R.T.: 0.001 min  
Response: 5734626  
Conc: 42.12 ug/ml

Instrument :

FID\_D

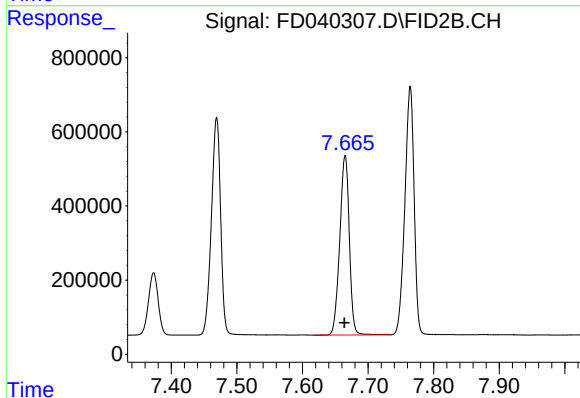
ClientSampleId :

PB141625BS

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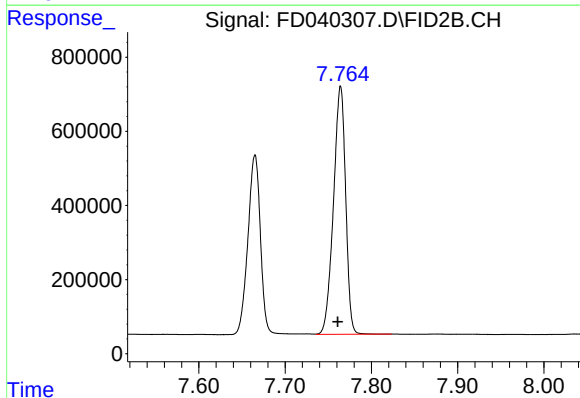
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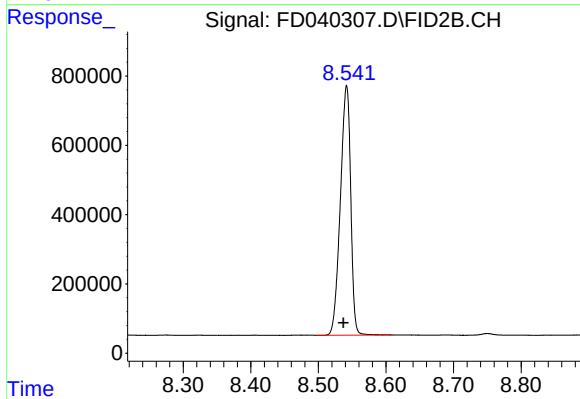
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.665 min  
Delta R.T.: 0.001 min  
Response: 4905685  
Conc: 57.78 ug/ml



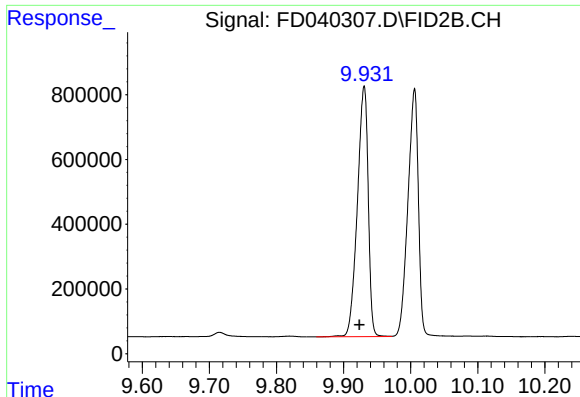
#7 Acenaphthene (C15.5)

R.T.: 7.764 min  
Delta R.T.: 0.003 min  
Response: 6566385  
Conc: 45.20 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.542 min  
Delta R.T.: 0.005 min  
Response: 7660905  
Conc: 55.48 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 9.931 min  
Delta R.T.: 0.007 min  
Response: 8680338  
Conc: 64.39 ug/ml

Instrument :

FID\_D

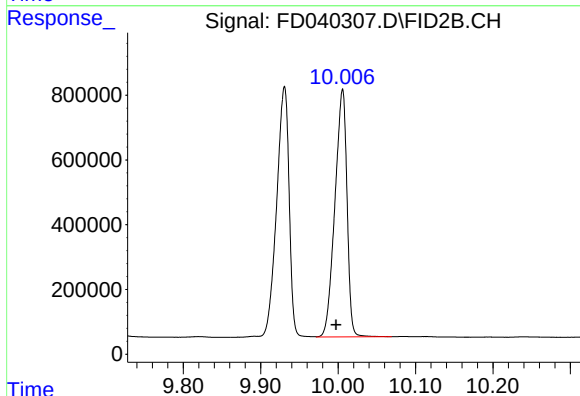
ClientSampleId :

PB141625BS

Manual Integrations

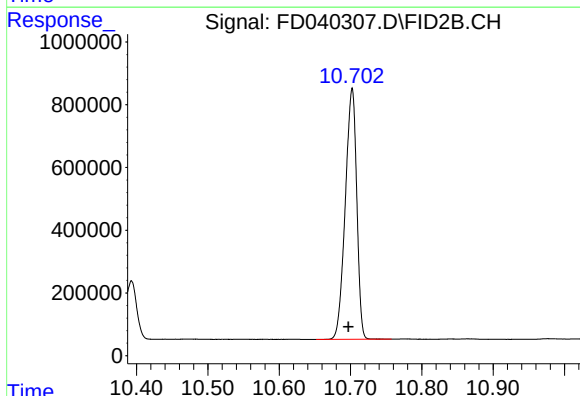
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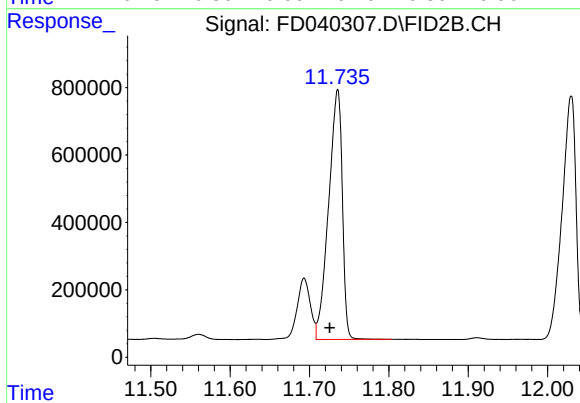
#10 Anthracene (C19.43)

R.T.: 10.006 min  
Delta R.T.: 0.008 min  
Response: 8295535  
Conc: 65.96 ug/ml



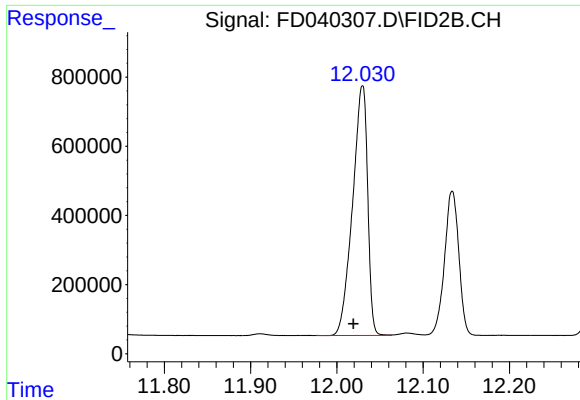
#11 ortho-Terphenyl (SURRE)

R.T.: 10.702 min  
Delta R.T.: 0.005 min  
Response: 8926538  
Conc: 63.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.735 min  
Delta R.T.: 0.010 min  
Response: 8892680  
Conc: 66.21 ug/ml



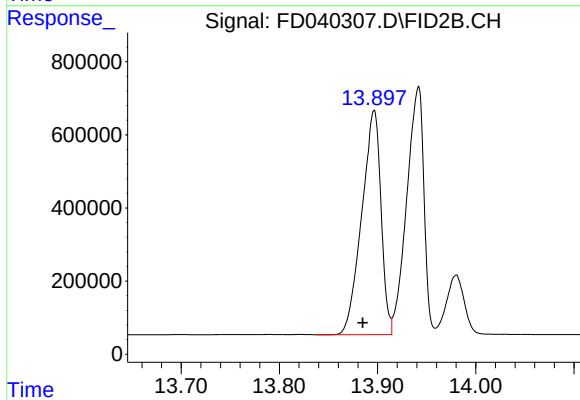
#13 Pyrene (C20.8)

R.T.: 12.030 min  
Delta R.T.: 0.011 min  
Response: 8773243  
Conc: 67.16 ug/ml

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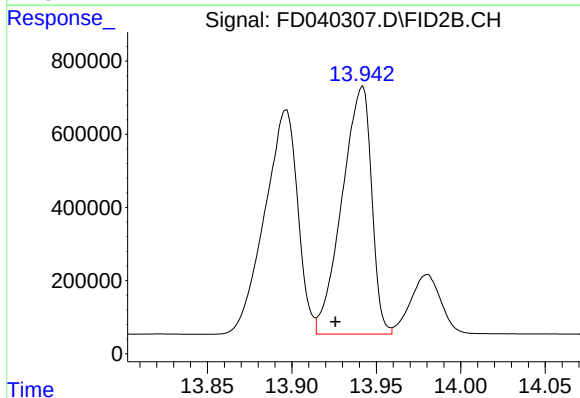
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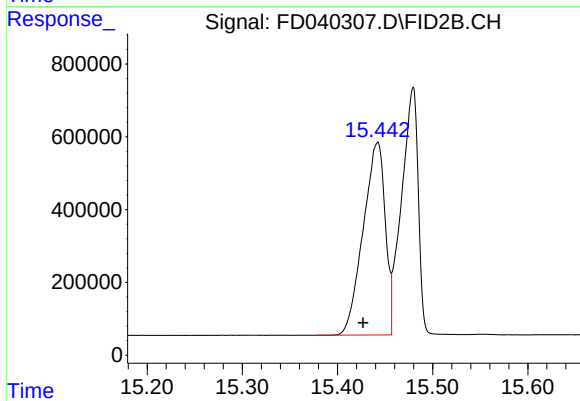
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.896 min  
Delta R.T.: 0.012 min  
Response: 8357114  
Conc: 71.53 ug/ml



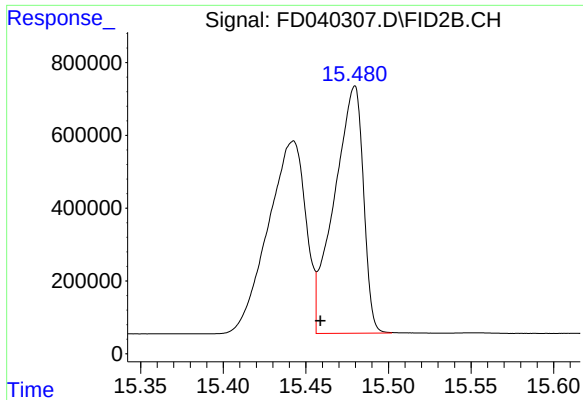
#15 Chrysene (C27.41)

R.T.: 13.942 min  
Delta R.T.: 0.016 min  
Response: 8242778  
Conc: 65.93 ug/ml



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

R.T.: 15.442 min  
Delta R.T.: 0.015 min  
Response: 8511402  
Conc: 68.62 ug/ml



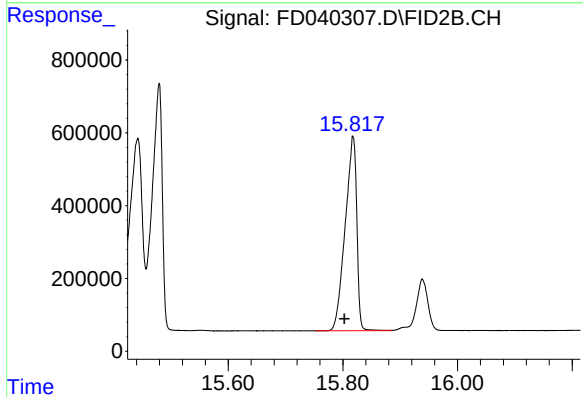
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.480 min  
Delta R.T.: 0.021 min  
Response: 8279167  
Conc: 66.63 ug/ml

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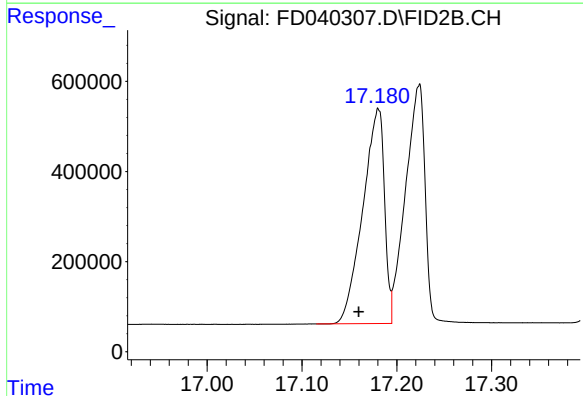
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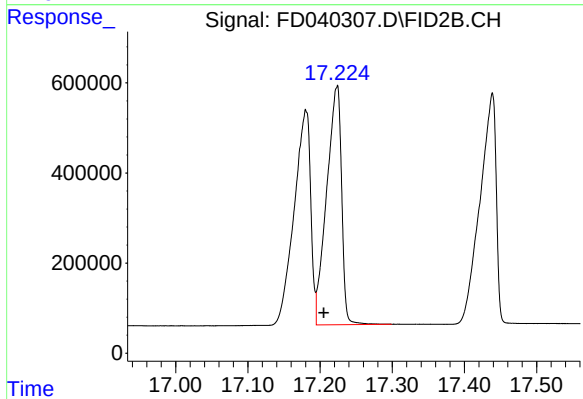
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.818 min  
Delta R.T.: 0.015 min  
Response: 7497437  
Conc: 62.28 ug/ml



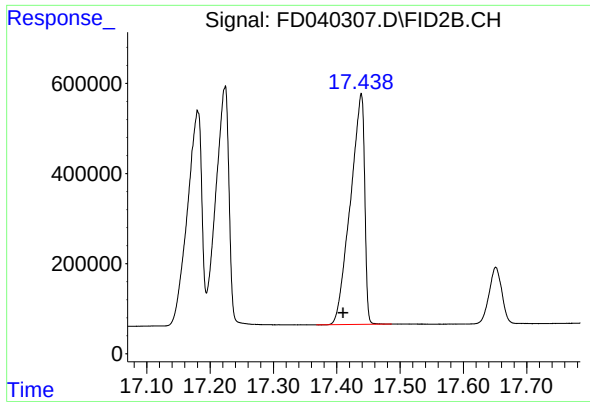
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.181 min  
Delta R.T.: 0.021 min  
Response: 7579287  
Conc: 65.30 ug/ml



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

R.T.: 17.224 min  
Delta R.T.: 0.019 min  
Response: 7603162  
Conc: 66.89 ug/ml



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

R.T.: 17.439 min  
Delta R.T.: 0.028 min  
Response: 7997536  
Conc: 65.53 ug/ml

Instrument :

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