

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050924AR\  
 Data File : FD047684.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 May 2024 17:14  
 Operator : YP/AJ  
 Sample : PB160814BS  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB160814BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 05/10/2024

Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e

Quant Time: May 10 06:45:02 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042924.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 17:13:11 2024

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...      | 7.463  | 8295731    | 52.897 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 105.79%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.316  | 5105175    | 48.806 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 97.61%        |
| 11) S ortho-Terphenyl (SURR)       | 11.358 | 8244418    | 43.962 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 87.92%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.274  | 6256971    | 38.700 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.799  | 7248221    | 42.837 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.849  | 7387862    | 43.371 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.120  | 7824967    | 47.981 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.415  | 7666571    | 45.608 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.195  | 7965932    | 47.889 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.586 | 8268347    | 50.504 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.661 | 8170786    | 54.550 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.394 | 8566745    | 51.628 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.689 | 8720117    | 53.593 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.559 | 8129378    | 55.691 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.603 | 8068976    | 51.204 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.108 | 7913848    | 52.986 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.143 | 7785751    | 51.715 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.484 | 7676439    | 53.201 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.851 | 7770362    | 57.253 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.889 | 7288035    | 50.903 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.104 | 7137135    | 51.983 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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ALS Vial : 57 Sample Multiplier: 1

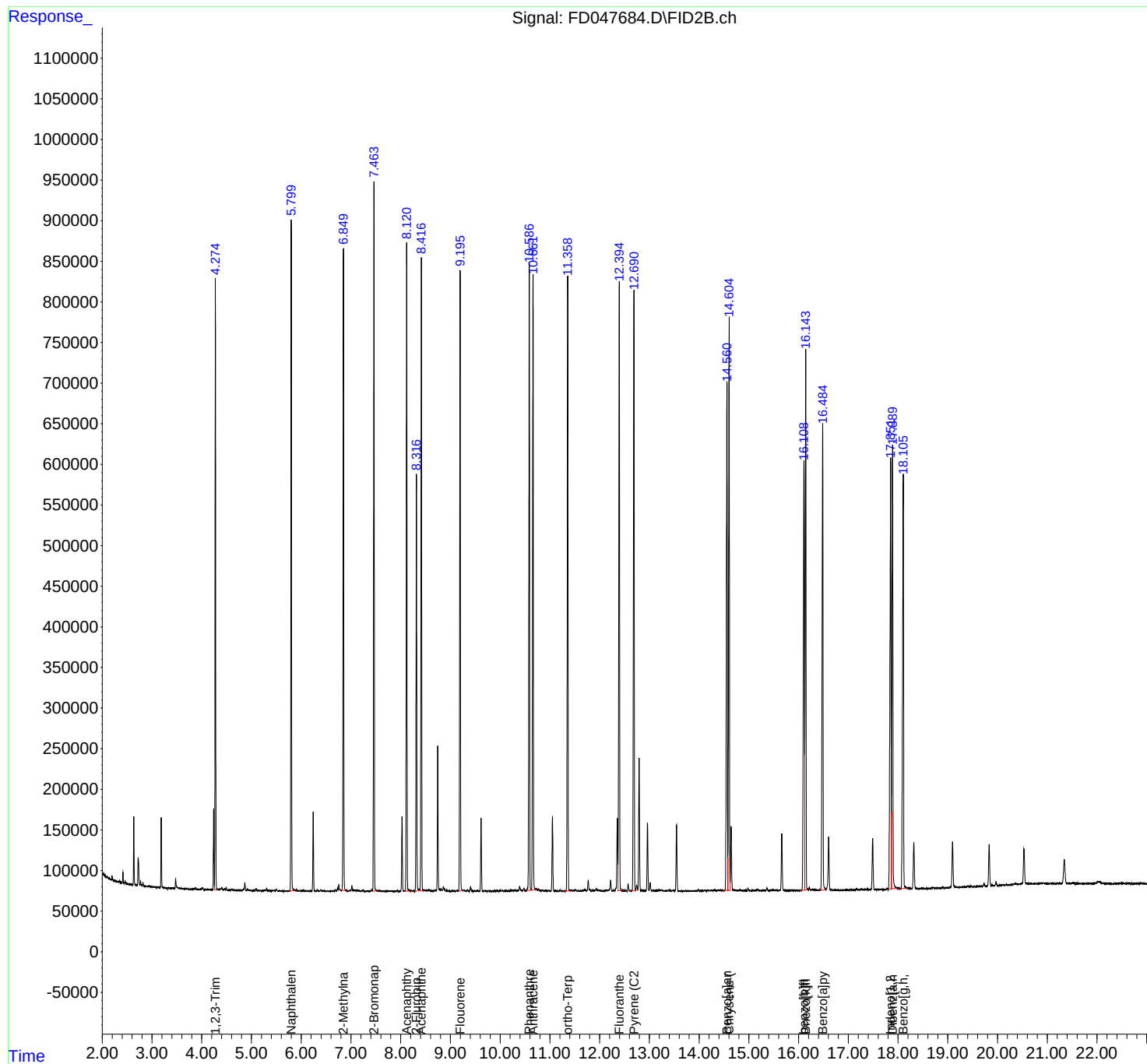
Instrument :  
FID\_D  
ClientSampleId :  
PB160814BS

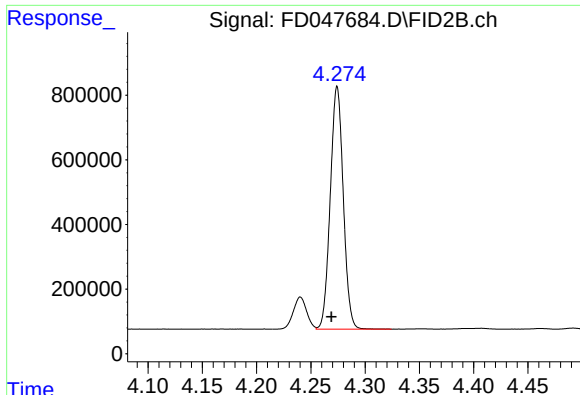
Manual Integrations  
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Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e  
Quant Time: May 10 06:45:02 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042924.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 29 17:13:11 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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.: 4.274 min  
Delta R.T.: 0.005 min  
Response: 6256971  
Conc: 38.70 ug/ml

Instrument :

FID\_D

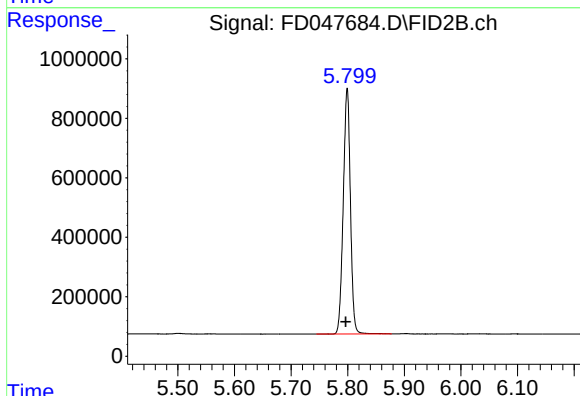
ClientSampleId :

PB160814BS

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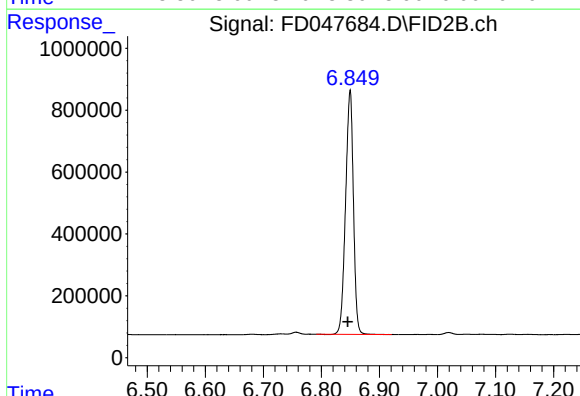
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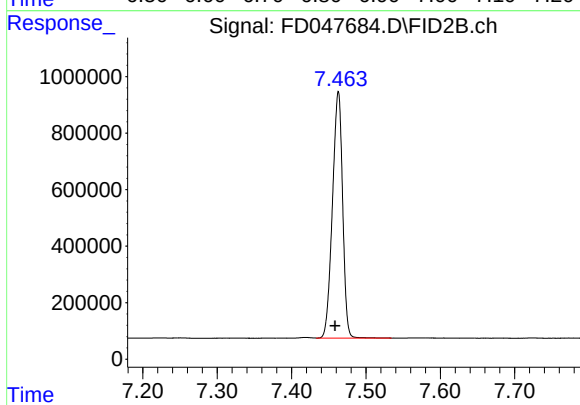
#2 Naphthalene (C11.7)

R.T.: 5.799 min  
Delta R.T.: 0.002 min  
Response: 7248221  
Conc: 42.84 ug/ml



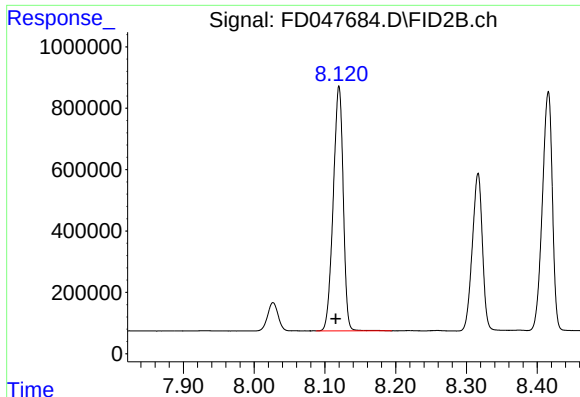
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min  
Delta R.T.: 0.004 min  
Response: 7387862  
Conc: 43.37 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min  
Delta R.T.: 0.004 min  
Response: 8295731  
Conc: 52.90 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.120 min  
Delta R.T.: 0.004 min  
Response: 7824967  
Conc: 47.98 ug/ml

Instrument :

FID\_D

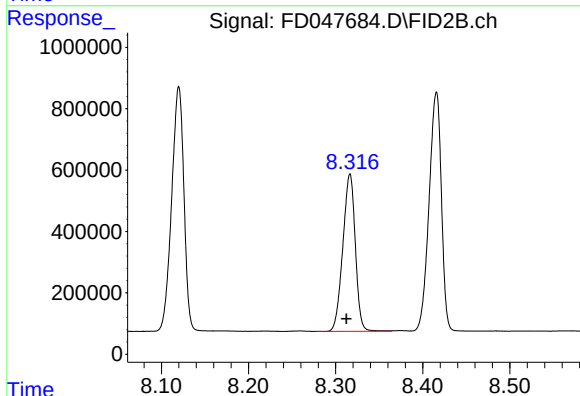
ClientSampleId :

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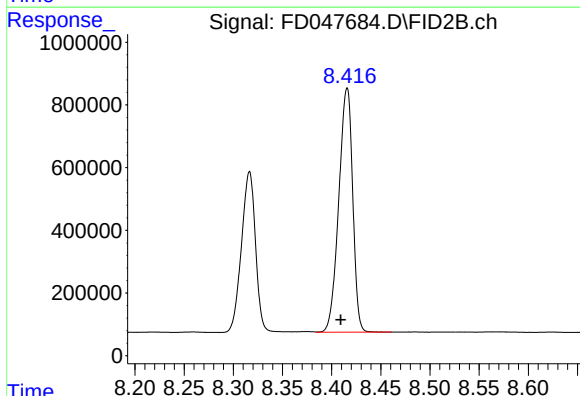
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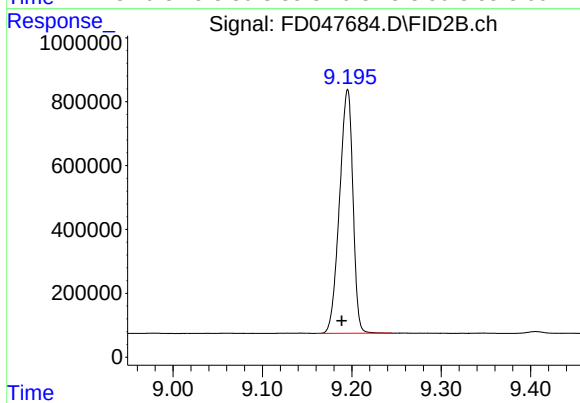
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min  
Delta R.T.: 0.004 min  
Response: 5105175  
Conc: 48.81 ug/ml



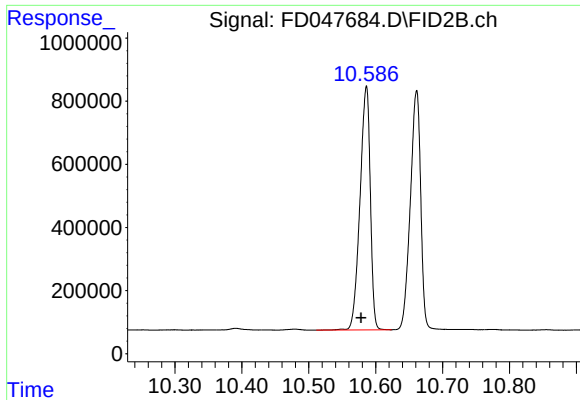
#7 Acenaphthene (C15.5)

R.T.: 8.415 min  
Delta R.T.: 0.006 min  
Response: 7666571  
Conc: 45.61 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.195 min  
Delta R.T.: 0.006 min  
Response: 7965932  
Conc: 47.89 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.586 min  
Delta R.T.: 0.007 min  
Response: 8268347  
Conc: 50.50 ug/ml

Instrument :

FID\_D

ClientSampleId :

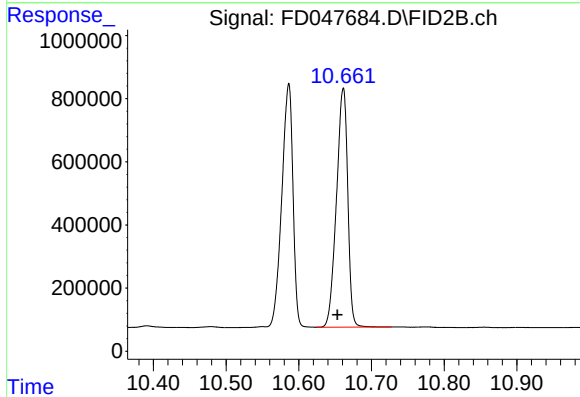
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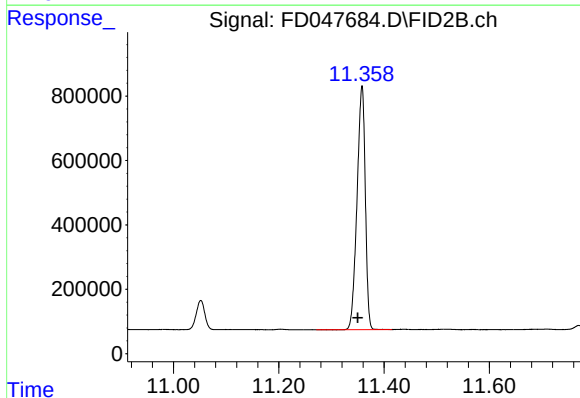
Reviewed By :Yogesh Patel 05/10/2024

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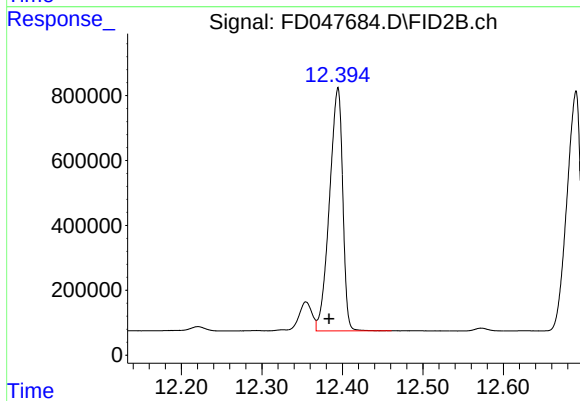
#10 Anthracene (C19.43)

R.T.: 10.661 min  
Delta R.T.: 0.007 min  
Response: 8170786  
Conc: 54.55 ug/ml



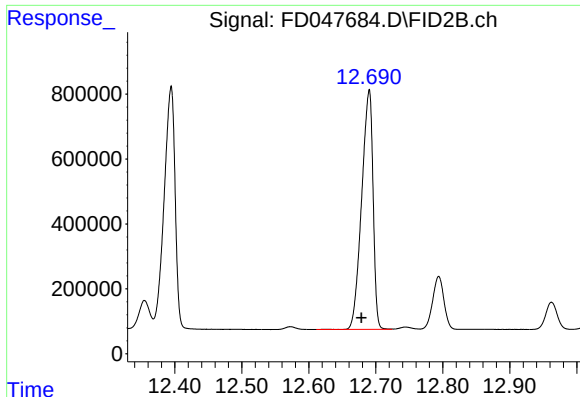
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min  
Delta R.T.: 0.007 min  
Response: 8244418  
Conc: 43.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.394 min  
Delta R.T.: 0.010 min  
Response: 8566745  
Conc: 51.63 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.689 min  
Delta R.T.: 0.011 min  
Response: 8720117  
Conc: 53.59 ug/ml

Instrument :

FID\_D

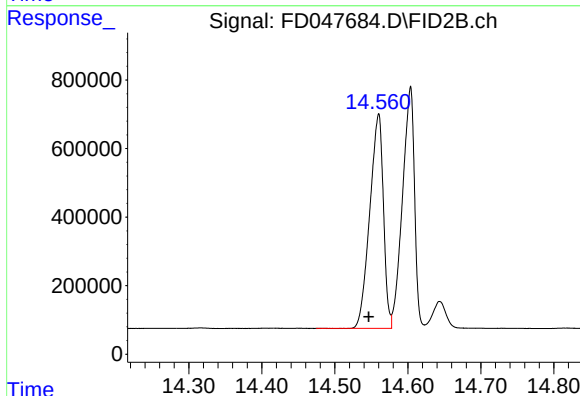
ClientSampleId :

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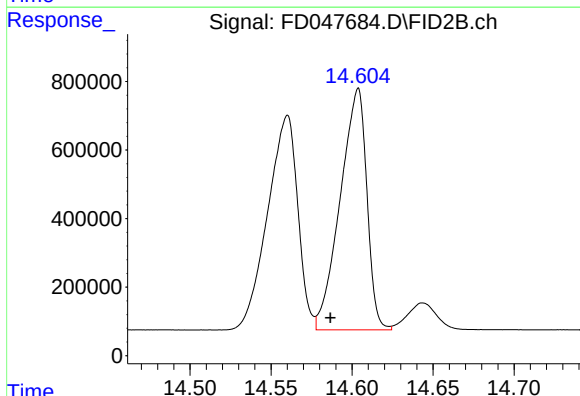
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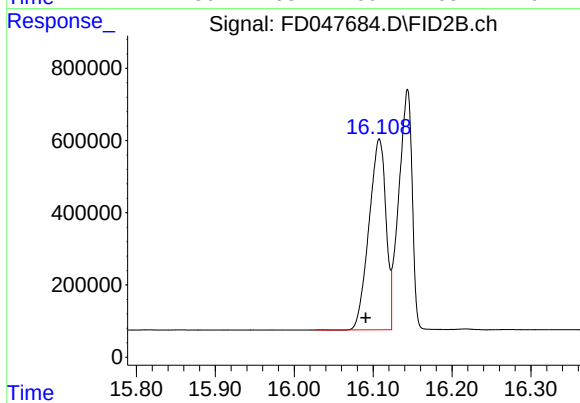
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.559 min  
Delta R.T.: 0.013 min  
Response: 8129378  
Conc: 55.69 ug/ml



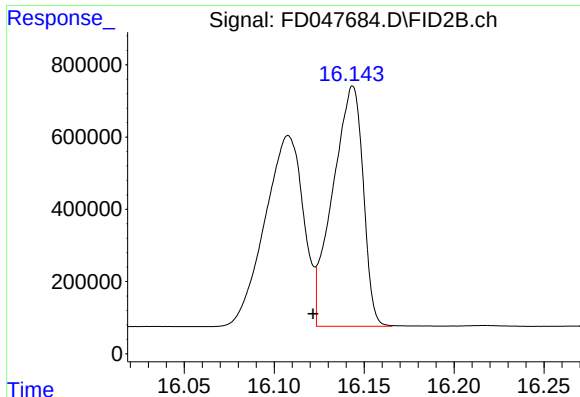
#15 Chrysene (C27.41)

R.T.: 14.603 min  
Delta R.T.: 0.016 min  
Response: 8068976  
Conc: 51.20 ug/ml



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

R.T.: 16.108 min  
Delta R.T.: 0.017 min  
Response: 7913848  
Conc: 52.99 ug/ml



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

R.T.: 16.143 min  
Delta R.T.: 0.022 min  
Response: 7785751  
Conc: 51.71 ug/ml

Instrument :

FID\_D

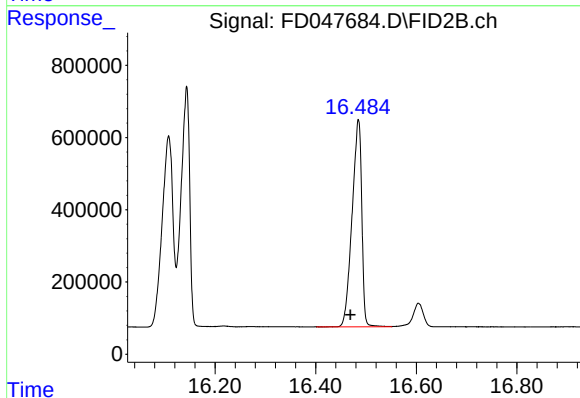
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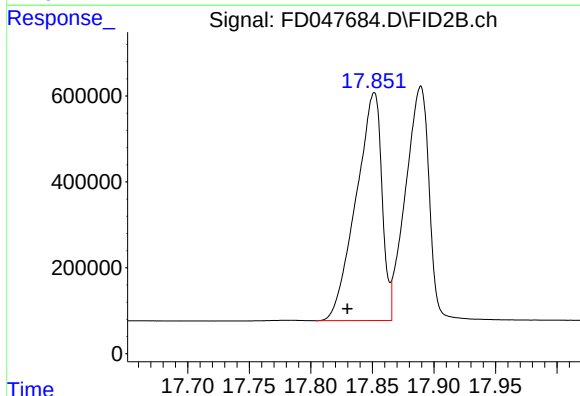
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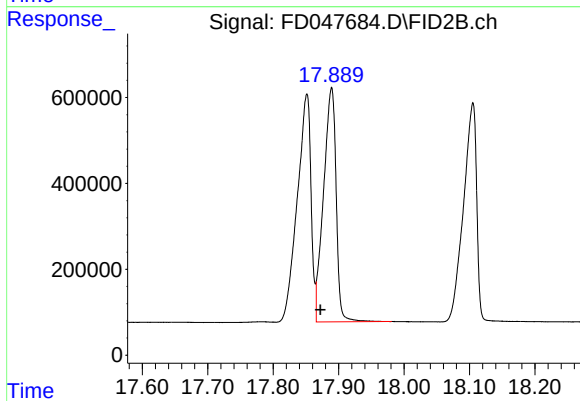
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min  
Delta R.T.: 0.015 min  
Response: 7676439  
Conc: 53.20 ug/ml



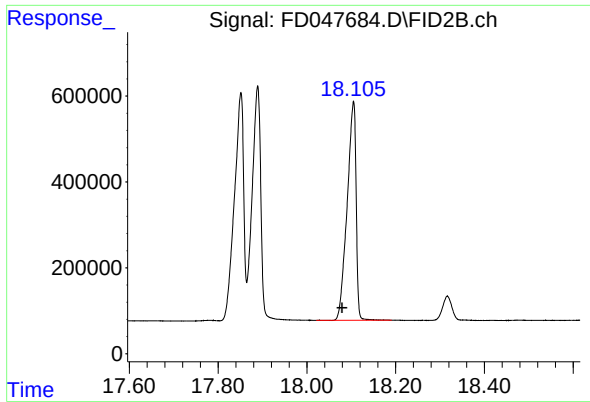
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min  
Delta R.T.: 0.021 min  
Response: 7770362  
Conc: 57.25 ug/ml



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

R.T.: 17.889 min  
Delta R.T.: 0.016 min  
Response: 7288035  
Conc: 50.90 ug/ml



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

R.T.: 18.104 min  
Delta R.T.: 0.024 min  
Response: 7137135  
Conc: 51.98 ug/ml

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