

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120624AR\  
 Data File : FD048837.D  
 Signal(s) : FID2B.ch  
 Acq On : 06 Dec 2024 16:51  
 Operator : YP/AJ  
 Sample : PB165427BS  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB165427BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 12/09/2024

Supervised By :Ankita Jodhani 12/09/2024

Integration File: autoint1.e

Quant Time: Dec 07 03:09:58 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:16:25 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...      | 7.363  | 9044043    | 51.369 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 102.74%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.214  | 5577460    | 48.428 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 96.86%        |
| 11) S ortho-Terphenyl (SURR)       | 11.249 | 8537216    | 44.387 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 88.77%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.186  | 6036099    | 32.028 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.704  | 7417322    | 37.926 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.750  | 7461791    | 39.045 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.016  | 8183658    | 42.200 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.311  | 8824806    | 45.880 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.090  | 8902071    | 46.401 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.477 | 8879204    | 48.440 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.554 | 9014634    | 48.137 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.285 | 8884949    | 48.519 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.576 | 9309929    | 51.495 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.445 | 7931581    | 48.216 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.488 | 8001045    | 45.717 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.994 | 7689710    | 48.942 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.028 | 7480083    | 45.835 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.370 | 7236414    | 48.535 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.738 | 7249560    | 58.687 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.774 | 7133151    | 45.488 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.988 | 6816555    | 47.773 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

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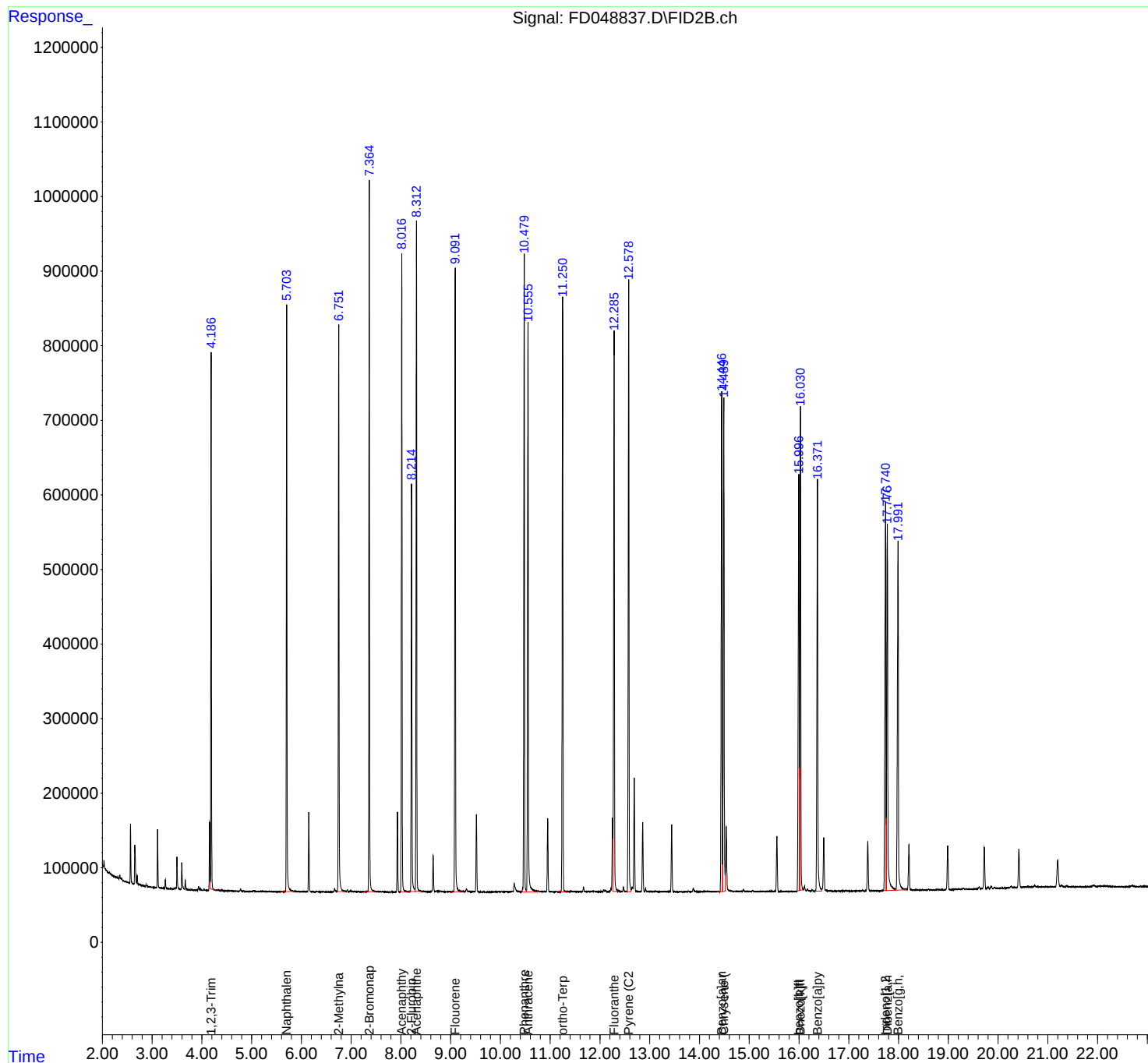
Response via : Initial Calibration

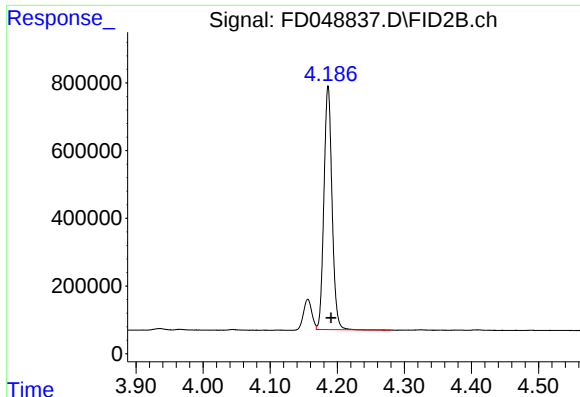
Integrator: ChemStation

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.: 4.186 min  
Delta R.T.: -0.005 min  
Response: 6036099  
Conc: 32.03 ug/ml

Instrument :

FID\_D

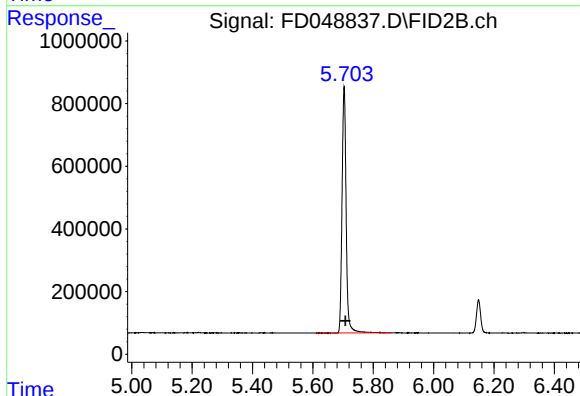
ClientSampleId :

PB165427BS

Manual Integrations

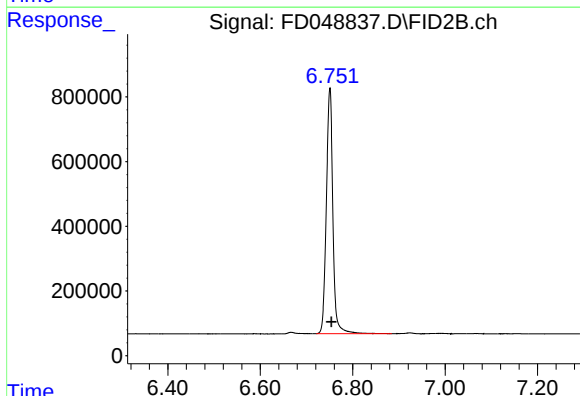
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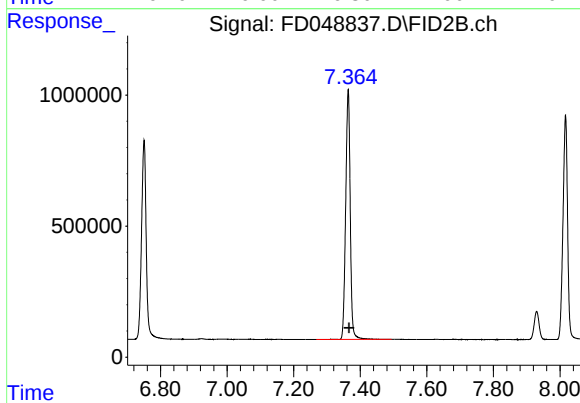
#2 Naphthalene (C11.7)

R.T.: 5.704 min  
Delta R.T.: -0.004 min  
Response: 7417322  
Conc: 37.93 ug/ml



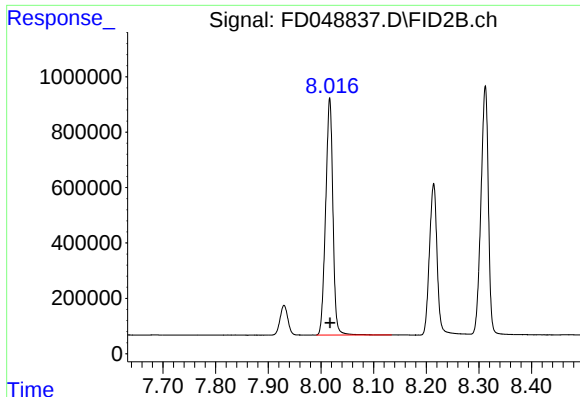
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min  
Delta R.T.: -0.003 min  
Response: 7461791  
Conc: 39.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.363 min  
Delta R.T.: -0.003 min  
Response: 9044043  
Conc: 51.37 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.016 min  
Delta R.T.: -0.001 min  
Response: 8183658  
Conc: 42.20 ug/ml

Instrument :

FID\_D

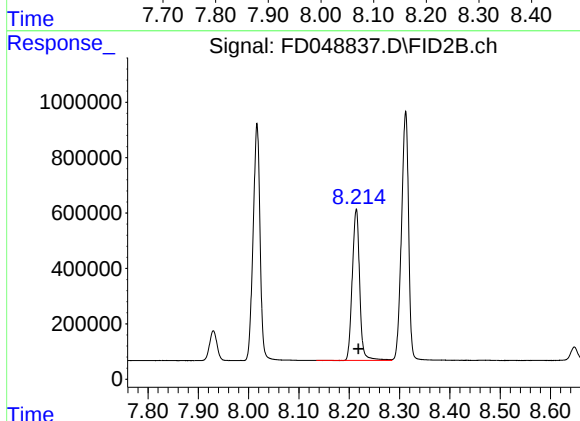
ClientSampleId :

PB165427BS

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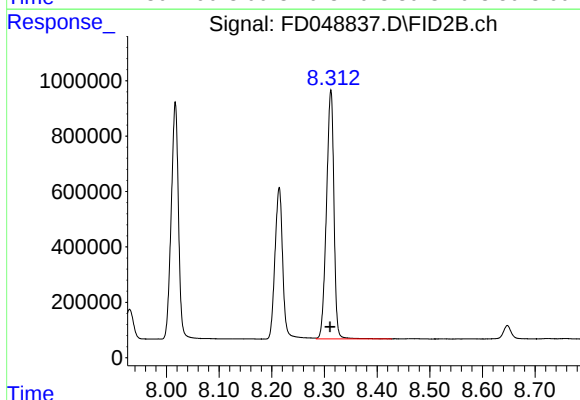
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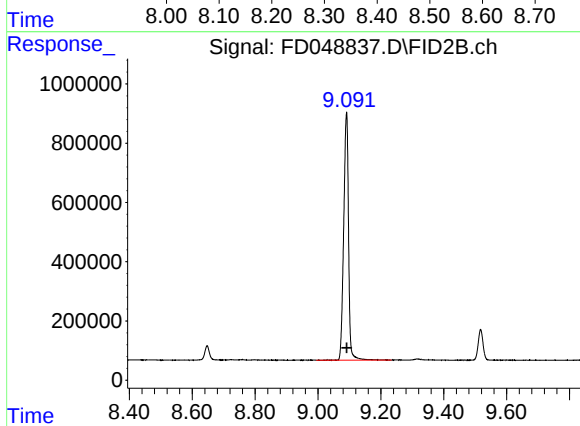
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min  
Delta R.T.: -0.005 min  
Response: 5577460  
Conc: 48.43 ug/ml



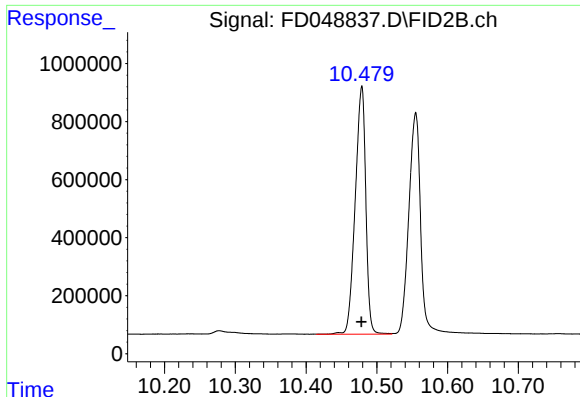
#7 Acenaphthene (C15.5)

R.T.: 8.311 min  
Delta R.T.: 0.000 min  
Response: 8824806  
Conc: 45.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.090 min  
Delta R.T.: -0.002 min  
Response: 8902071  
Conc: 46.40 ug/ml



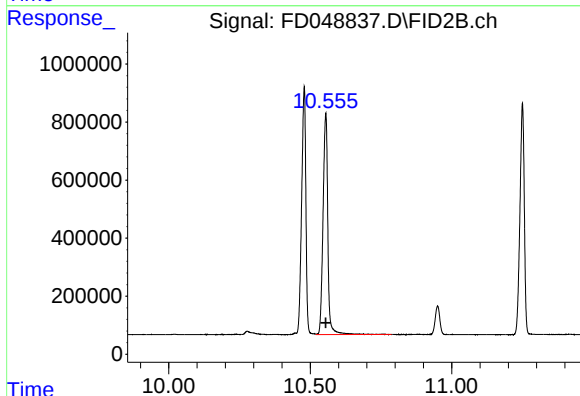
#9 Phenanthrene (C19.36)

R.T.: 10.477 min  
Delta R.T.: 0.000 min  
Response: 8879204  
Conc: 48.44 ug/ml

Instrument :  
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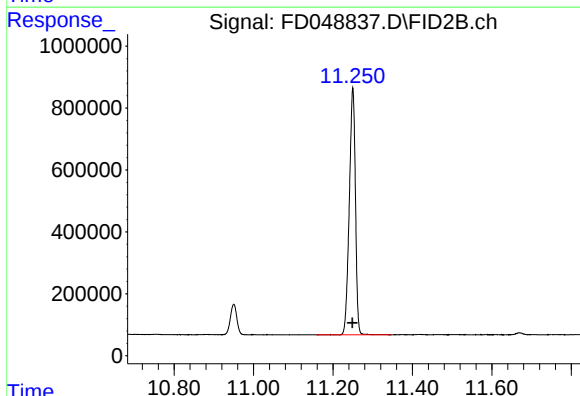
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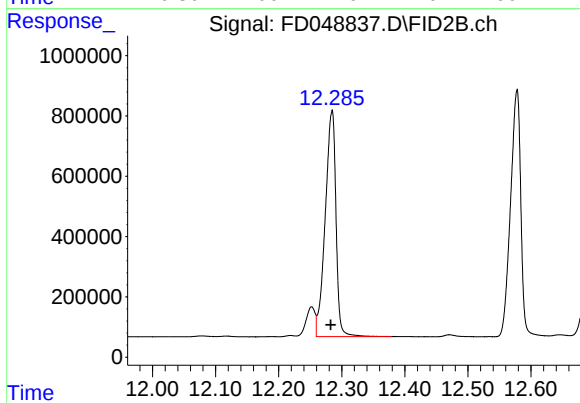
#10 Anthracene (C19.43)

R.T.: 10.554 min  
Delta R.T.: 0.000 min  
Response: 9014634  
Conc: 48.14 ug/ml



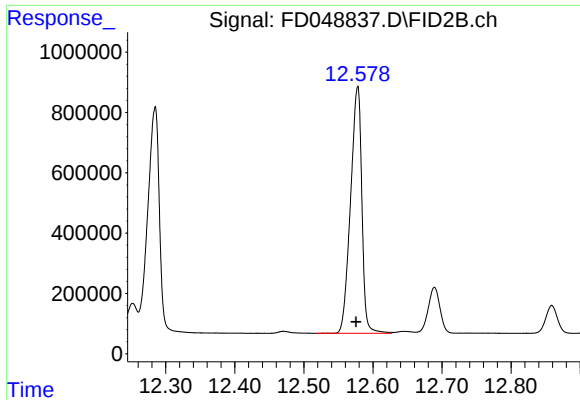
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min  
Delta R.T.: 0.000 min  
Response: 8537216  
Conc: 44.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.285 min  
Delta R.T.: 0.002 min  
Response: 8884949  
Conc: 48.52 ug/ml m



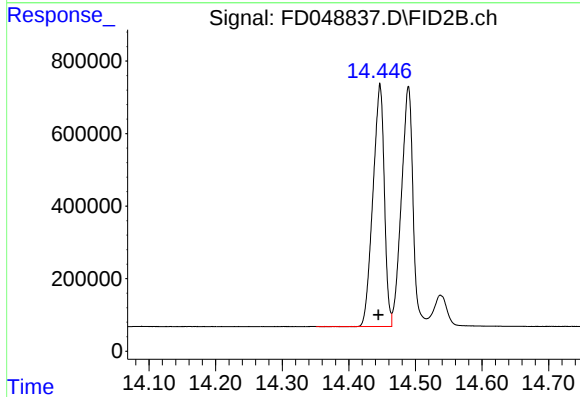
#13 Pyrene (C20.8)

R.T.: 12.576 min  
Delta R.T.: 0.001 min  
Response: 9309929  
Conc: 51.49 ug/ml

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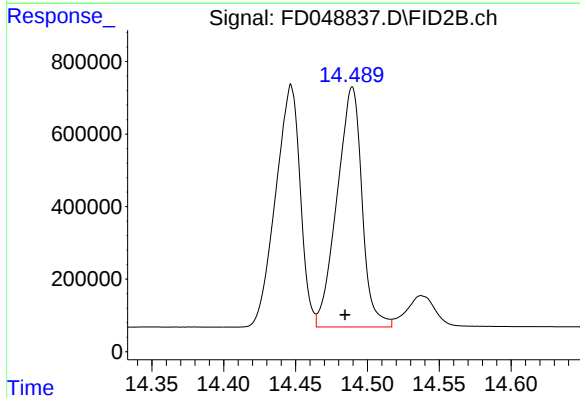
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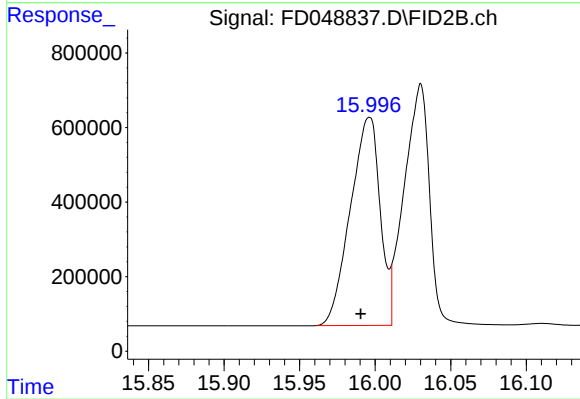
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min  
Delta R.T.: 0.000 min  
Response: 7931581  
Conc: 48.22 ug/ml



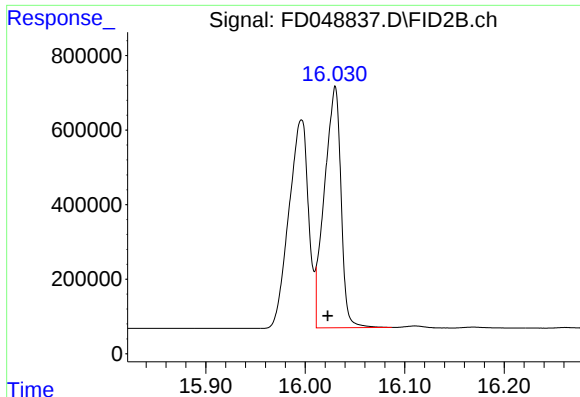
#15 Chrysene (C27.41)

R.T.: 14.488 min  
Delta R.T.: 0.004 min  
Response: 8001045  
Conc: 45.72 ug/ml



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

R.T.: 15.994 min  
Delta R.T.: 0.004 min  
Response: 7689710  
Conc: 48.94 ug/ml



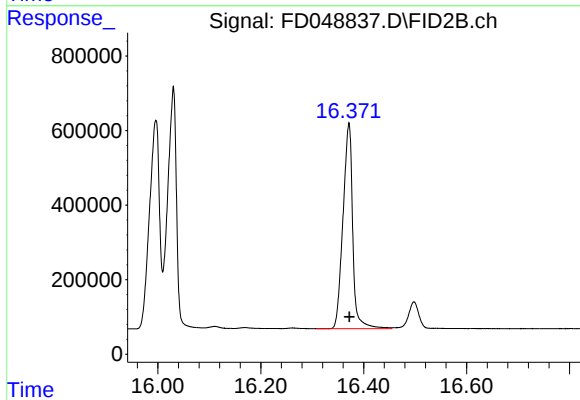
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.028 min  
Delta R.T.: 0.006 min  
Response: 7480083  
Conc: 45.83 ug/ml

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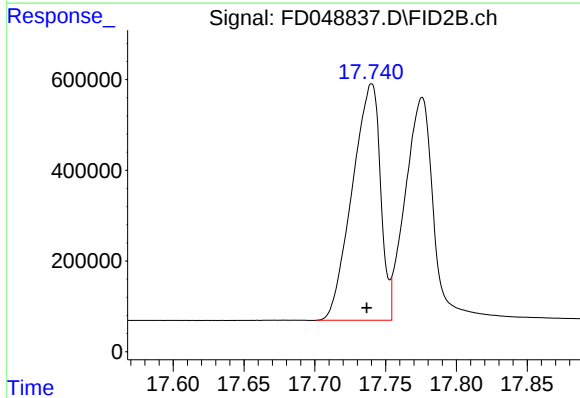
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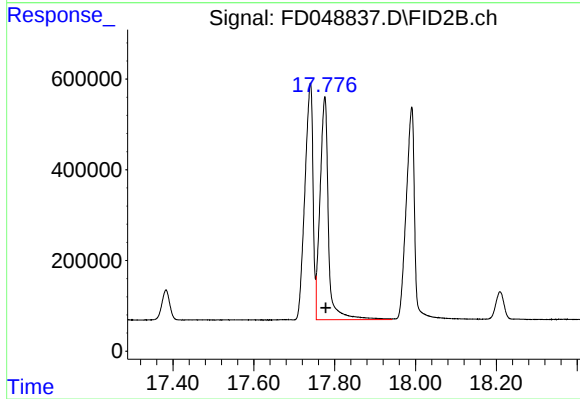
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min  
Delta R.T.: -0.003 min  
Response: 7236414  
Conc: 48.53 ug/ml



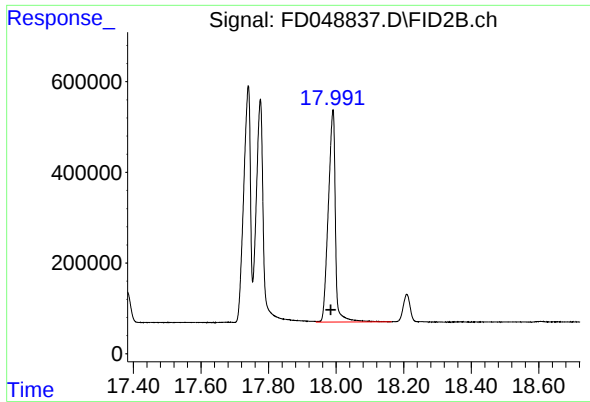
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min  
Delta R.T.: 0.000 min  
Response: 7249560  
Conc: 58.69 ug/ml



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

R.T.: 17.774 min  
Delta R.T.: -0.004 min  
Response: 7133151  
Conc: 45.49 ug/ml



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

R.T.: 17.988 min  
Delta R.T.: 0.004 min  
Response: 6816555  
Conc: 47.77 ug/ml

Instrument :  
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