

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF120525AR\  
 Data File : FF016856.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Dec 2025 18:17  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025  
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e  
 Quant Time: Dec 08 00:59:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 112625.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 01 08:18:58 2025  
 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...      | 8.001  | 2653938    | 23.146 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 46.29%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.878  | 1586927    | 22.388 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 44.78%        |
| 11) S ortho-Terphenyl (SURR)       | 11.941 | 3336162    | 22.671 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 45.34%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.594  | 3162526    | 23.017 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.271  | 3139869    | 23.086 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.371  | 3157651    | 23.331 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.675  | 3074782    | 22.478 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.974  | 3273026    | 22.806 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.765  | 2976570    | 22.423 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.172 | 2889661    | 22.250 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.247 | 2559522    | 20.115 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.995 | 2935538    | 22.366 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.294 | 2956086    | 22.446 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.179 | 2446806    | 22.730 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.221 | 3211697    | 23.214 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.742 | 2785741    | 23.585 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.773 | 3155508    | 24.484 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.124 | 2736583    | 22.751 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.501 | 1604988    | 16.232 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.540 | 2854468    | 18.074 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.753 | 2356634    | 18.554 ug/mlm |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

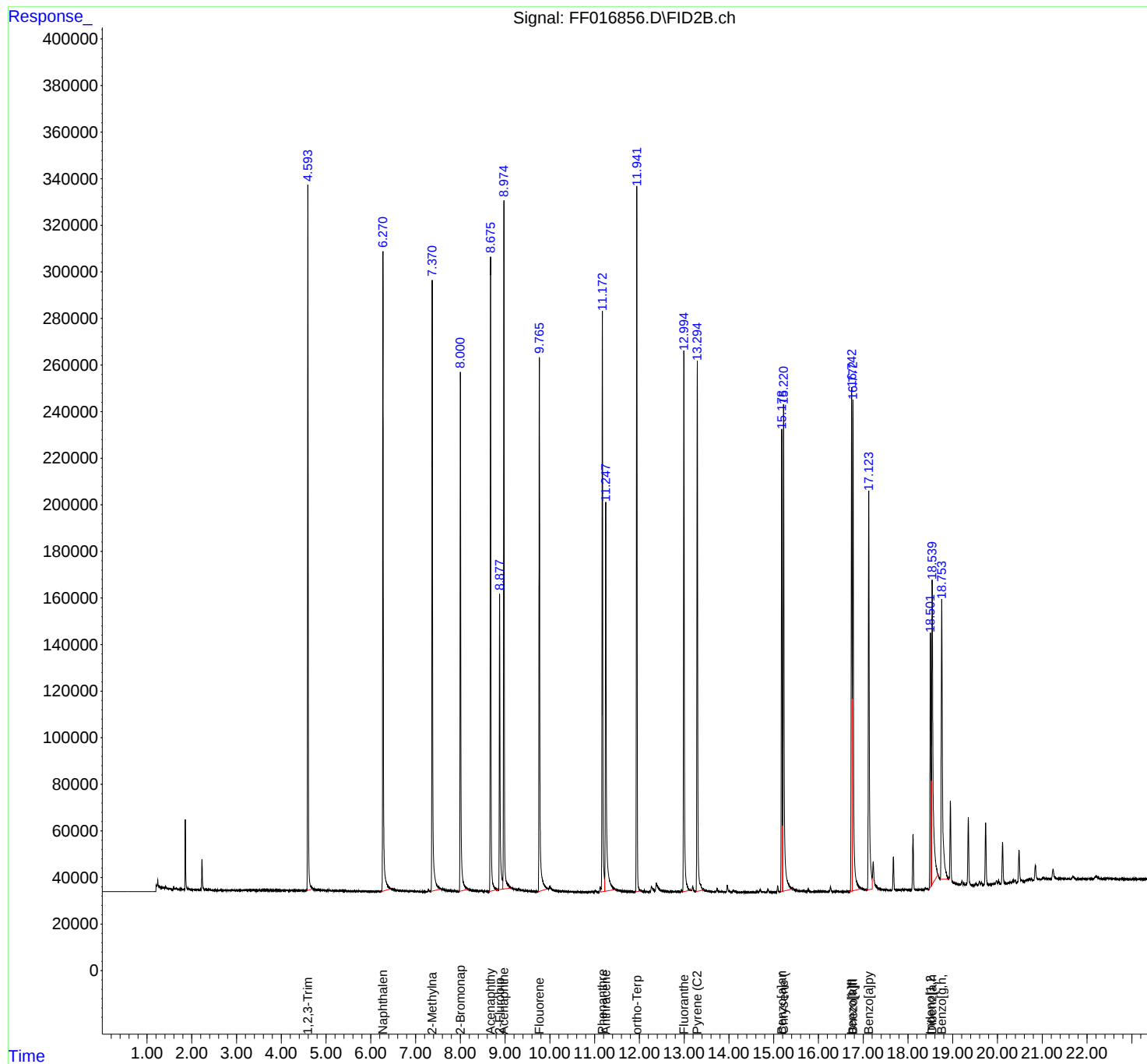
Instrument :  
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20 PPM AROMATIC HC STD

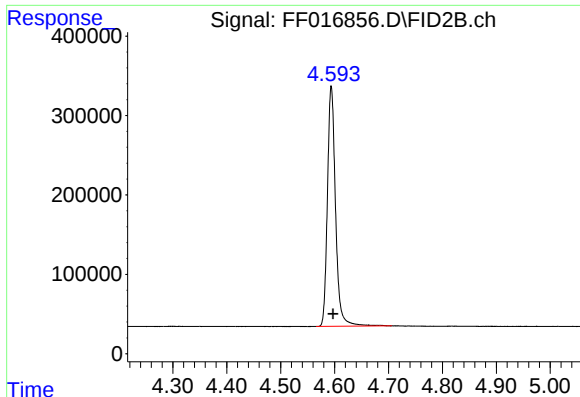
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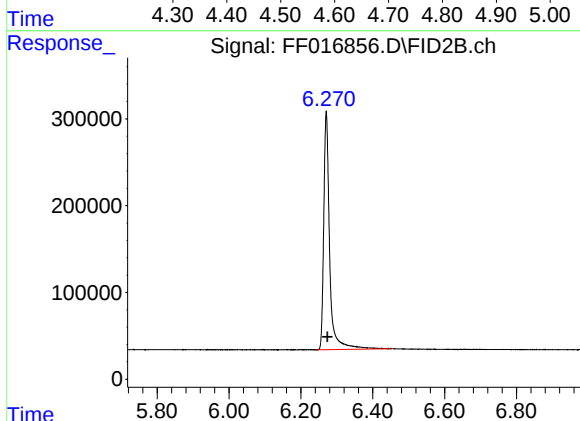
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.594 min  
Delta R.T.: -0.003 min  
Response: 3162526  
Conc: 23.02 ug/ml

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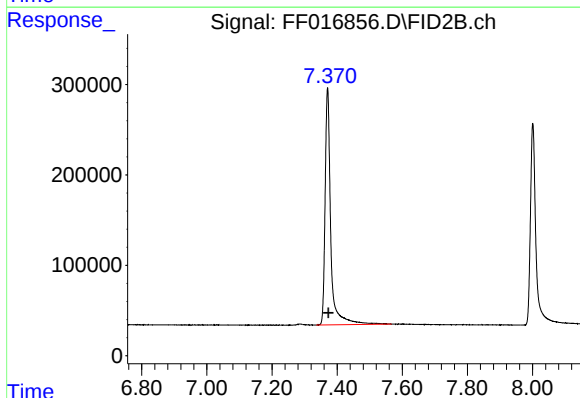
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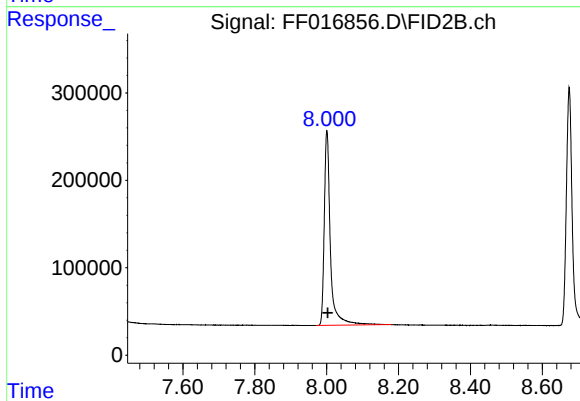
#2 Naphthalene (C11.7)

R.T.: 6.271 min  
Delta R.T.: -0.003 min  
Response: 3139869  
Conc: 23.09 ug/ml



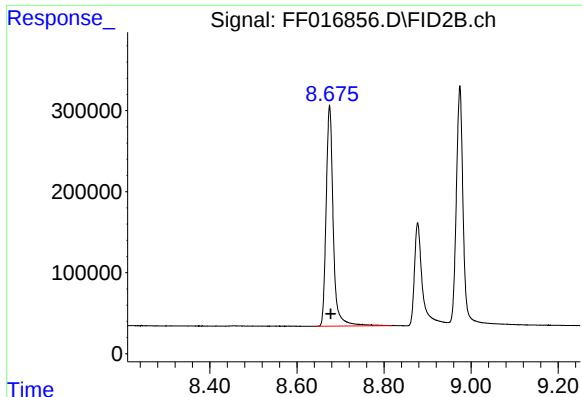
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.371 min  
Delta R.T.: -0.003 min  
Response: 3157651  
Conc: 23.33 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.001 min  
Delta R.T.: -0.002 min  
Response: 2653938  
Conc: 23.15 ug/ml



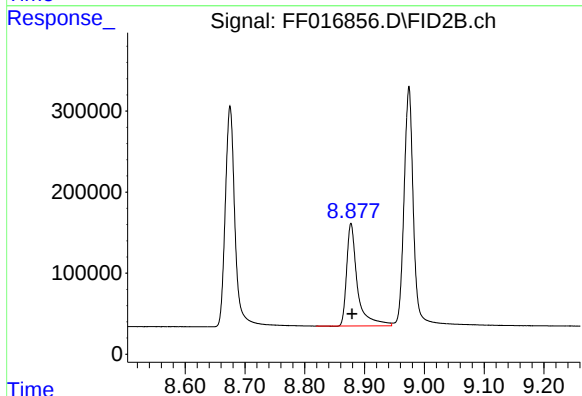
#5 Acenaphthylene (C15.06)

R.T.: 8.675 min  
Delta R.T.: -0.003 min  
Response: 3074782  
Conc: 22.48 ug/ml

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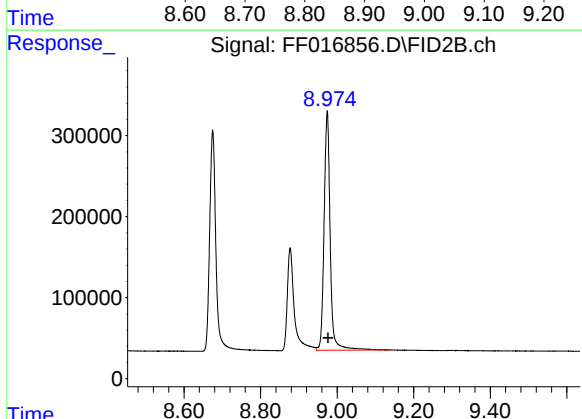
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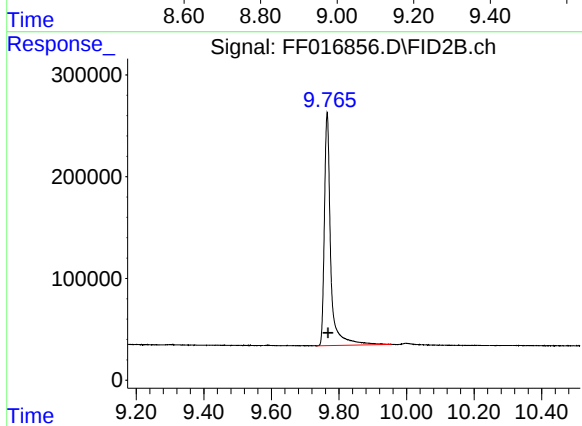
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.878 min  
Delta R.T.: -0.002 min  
Response: 1586927  
Conc: 22.39 ug/ml



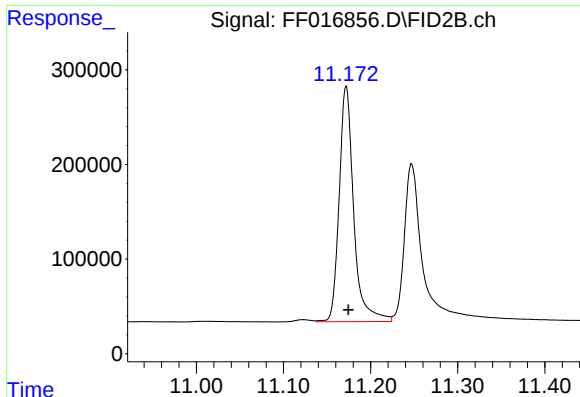
#7 Acenaphthene (C15.5)

R.T.: 8.974 min  
Delta R.T.: -0.003 min  
Response: 3273026  
Conc: 22.81 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.765 min  
Delta R.T.: -0.003 min  
Response: 2976570  
Conc: 22.42 ug/ml



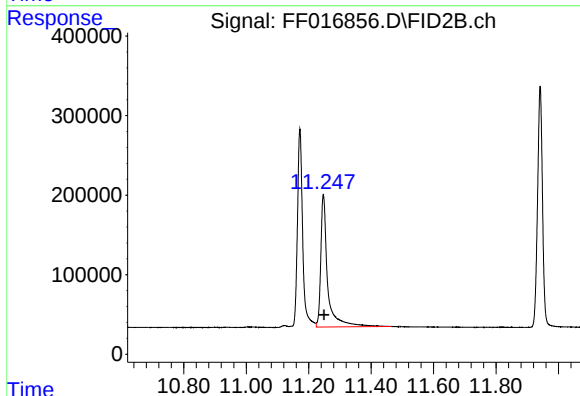
#9 Phenanthrene (C19.36)

R.T.: 11.172 min  
Delta R.T.: -0.003 min  
Response: 2889661  
Conc: 22.25 ug/ml

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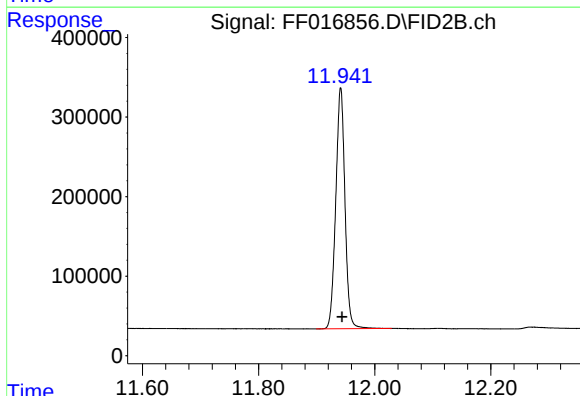
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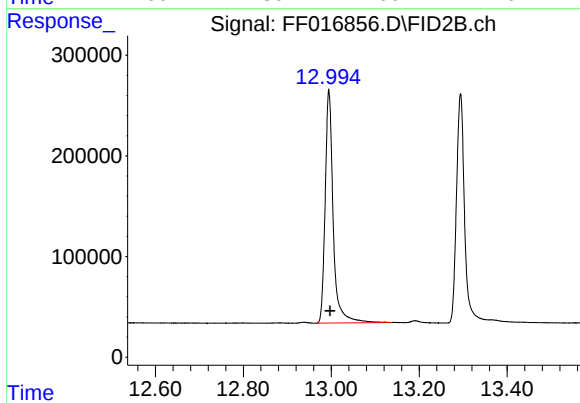
#10 Anthracene (C19.43)

R.T.: 11.247 min  
Delta R.T.: -0.002 min  
Response: 2559522  
Conc: 20.11 ug/ml



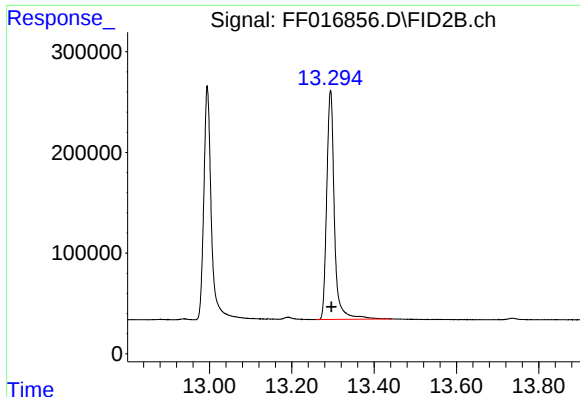
#11 ortho-Terphenyl (SURR)

R.T.: 11.941 min  
Delta R.T.: -0.003 min  
Response: 3336162  
Conc: 22.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.995 min  
Delta R.T.: -0.003 min  
Response: 2935538  
Conc: 22.37 ug/ml



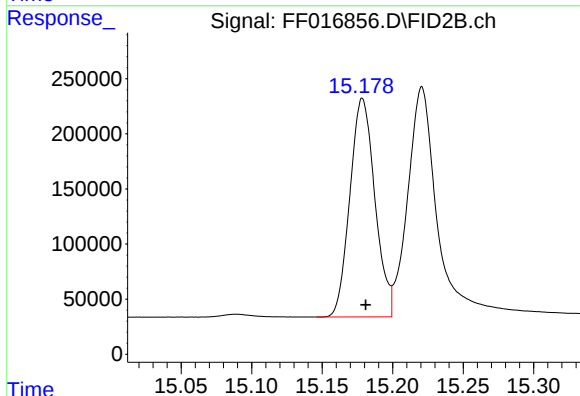
#13 Pyrene (C20.8)

R.T.: 13.294 min  
Delta R.T.: -0.002 min  
Response: 2956086  
Conc: 22.45 ug/ml

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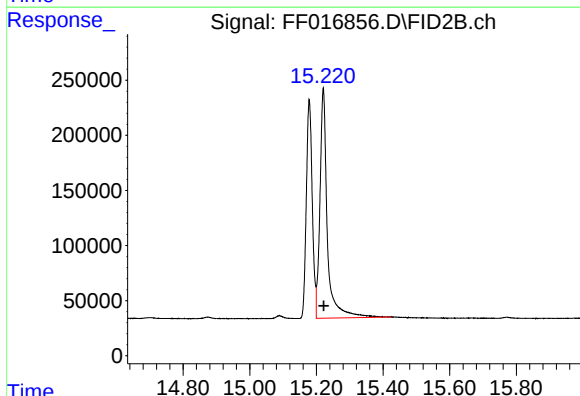
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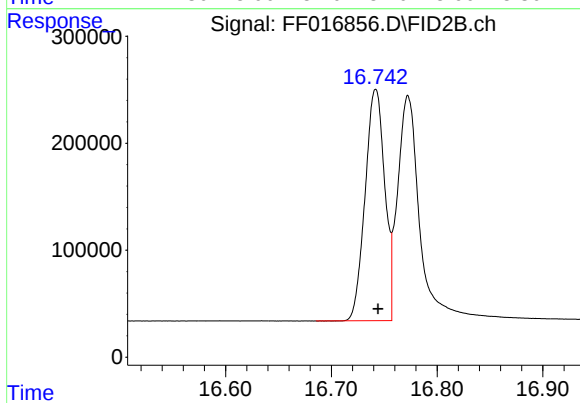
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.179 min  
Delta R.T.: -0.002 min  
Response: 2446806  
Conc: 22.73 ug/ml



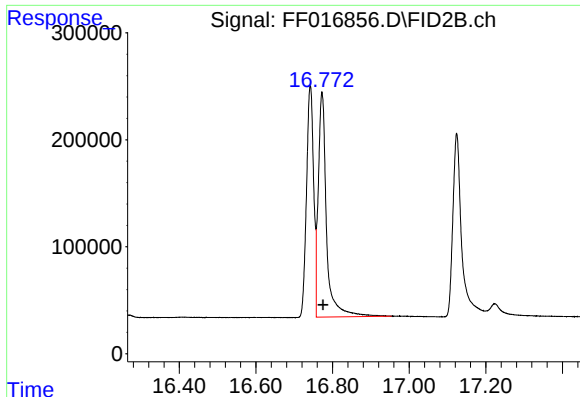
#15 Chrysene (C27.41)

R.T.: 15.221 min  
Delta R.T.: -0.002 min  
Response: 3211697  
Conc: 23.21 ug/ml



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

R.T.: 16.742 min  
Delta R.T.: -0.002 min  
Response: 2785741  
Conc: 23.59 ug/ml



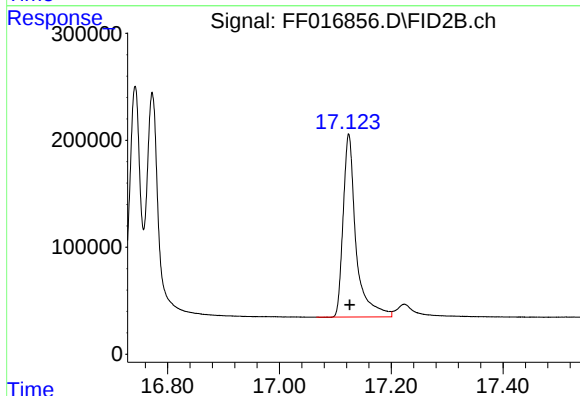
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.773 min  
Delta R.T.: -0.002 min  
Response: 3155508  
Conc: 24.48 ug/ml

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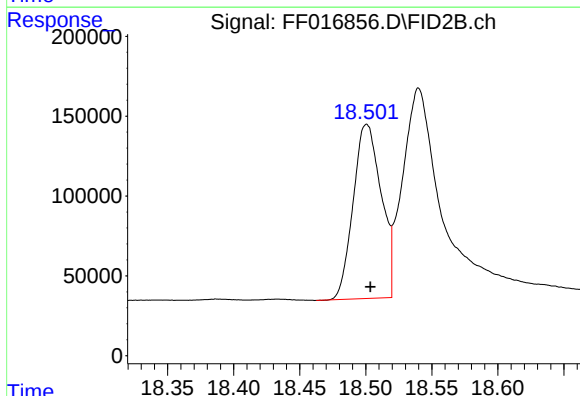
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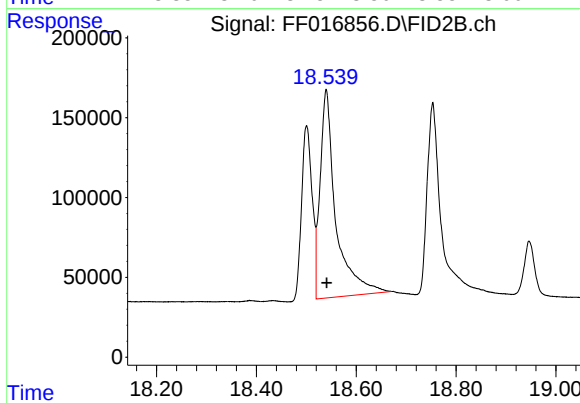
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.124 min  
Delta R.T.: -0.002 min  
Response: 2736583  
Conc: 22.75 ug/ml



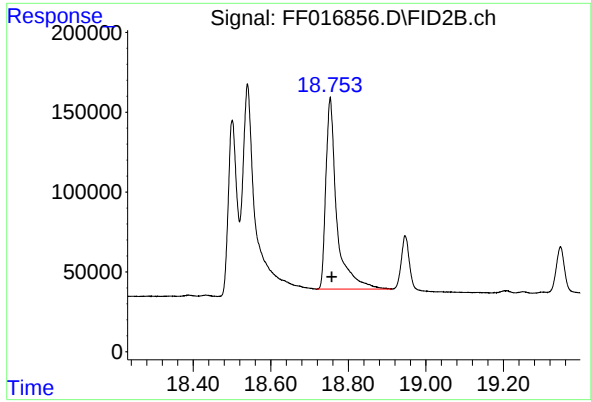
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.501 min  
Delta R.T.: -0.003 min  
Response: 1604988  
Conc: 16.23 ug/ml



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

R.T.: 18.540 min  
Delta R.T.: -0.001 min  
Response: 2854468  
Conc: 18.07 ug/ml



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

R.T.: 18.753 min  
Delta R.T.: -0.004 min  
Response: 2356634  
Conc: 18.55 ug/ml

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