

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF120925AR\  
 Data File : FF016879.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Dec 2025 15:28  
 Operator : YP\AJ  
 Sample : Q3530-07  
 Misc : 4PPM WATER LOD  
 ALS Vial : 75 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT4-2025

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 12/10/2025  
 Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e  
 Quant Time: Dec 10 03:43:15 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...      | 8.000  | 4021654    | 35.074 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 70.15%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.876  | 2474171    | 34.905 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 69.81%       |
| 11) S ortho-Terphenyl (SURR)       | 11.943 | 4342868    | 29.512 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 59.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.595  | 386341     | 2.812 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.273  | 370272     | 2.722 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.372  | 328065     | 2.424 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.675  | 438920     | 3.209 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.973  | 552895     | 3.853 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.767  | 367853     | 2.771 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.175 | 387203     | 2.981 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.252 | 429458     | 3.375 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.998 | 447027     | 3.406 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.296 | 446901     | 3.393 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.187 | 302792     | 2.813 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.228 | 553979     | 4.004 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.747 | 318520     | 2.697 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.779 | 422111     | 3.275 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 17.136 | 321315     | 2.671 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.513 | 220221     | 2.227 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.547 | 548449     | 3.473 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.762 | 340418     | 2.680 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
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Misc : 4PPM WATER LOD  
ALS Vial : 75 Sample Multiplier: 1

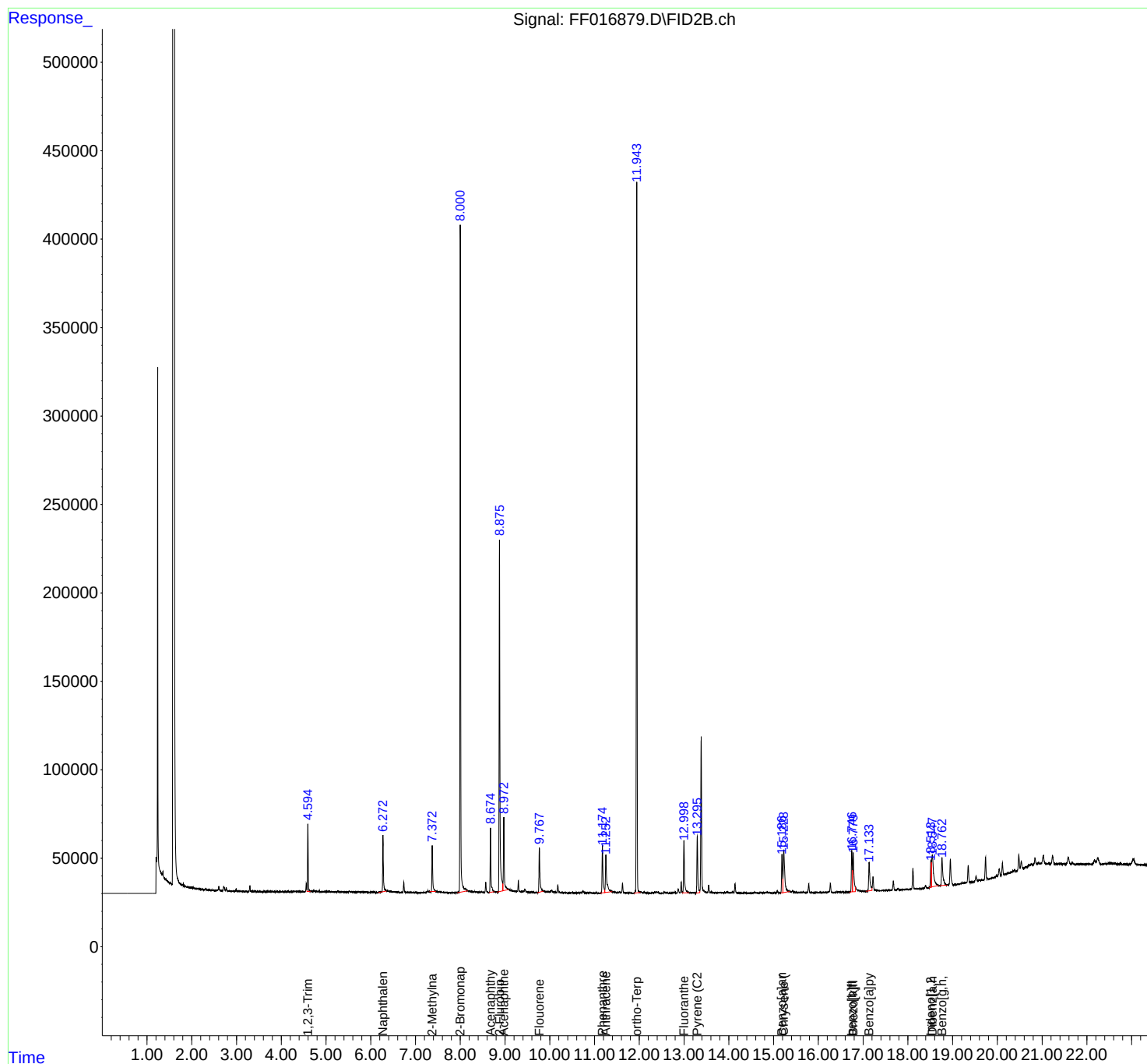
Instrument :  
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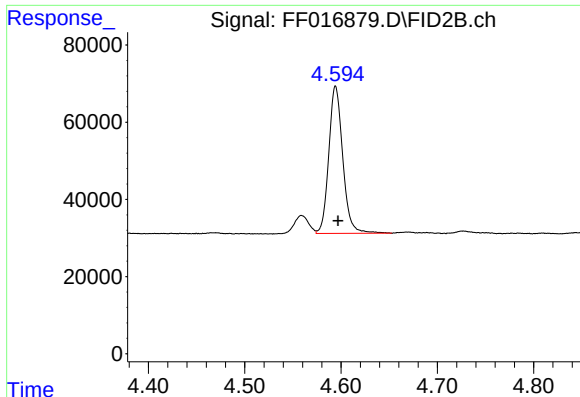
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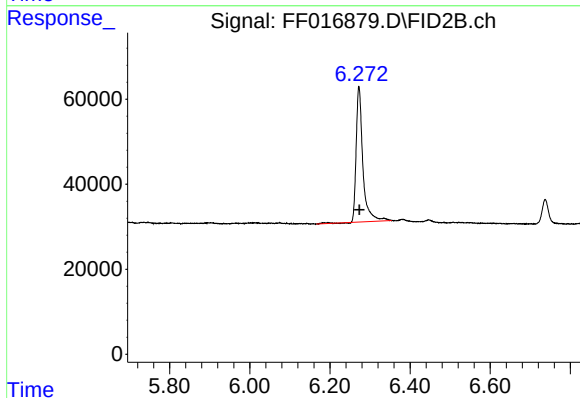
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.595 min  
Delta R.T.: -0.002 min  
Response: 386341  
Conc: 2.81 ug/ml

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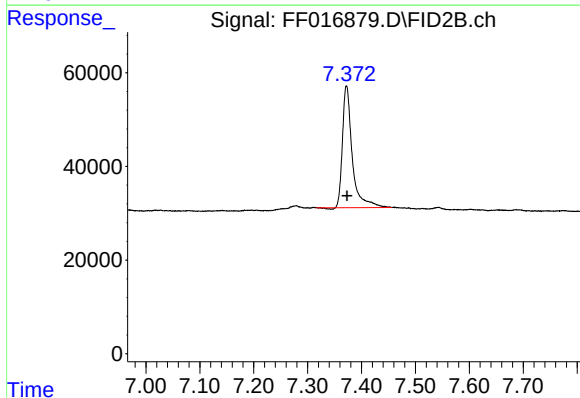
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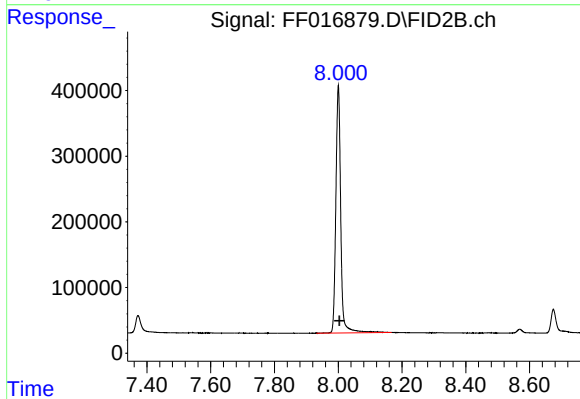
#2 Naphthalene (C11.7)

R.T.: 6.273 min  
Delta R.T.: 0.000 min  
Response: 370272  
Conc: 2.72 ug/ml



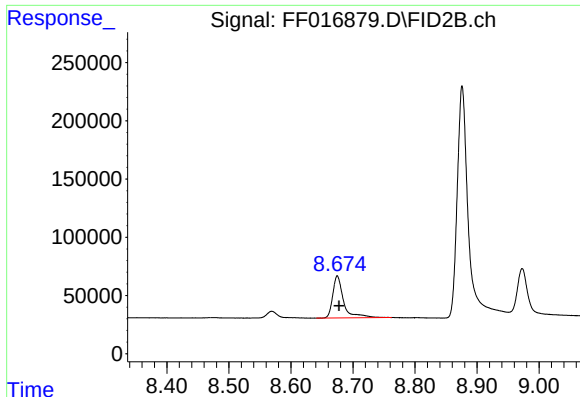
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min  
Delta R.T.: -0.001 min  
Response: 328065  
Conc: 2.42 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.000 min  
Delta R.T.: -0.003 min  
Response: 4021654  
Conc: 35.07 ug/ml



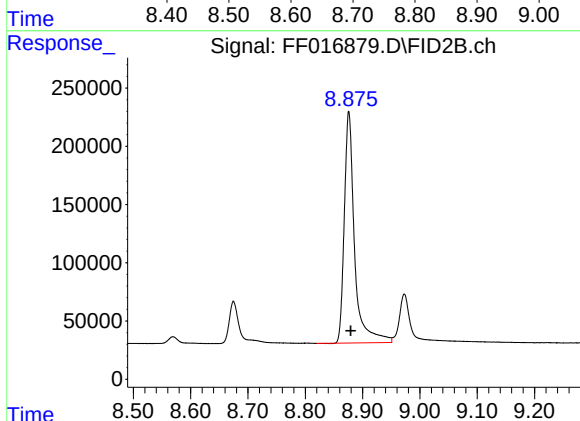
#5 Acenaphthylene (C15.06)

R.T.: 8.675 min  
Delta R.T.: -0.003 min  
Response: 438920  
Conc: 3.21 ug/ml

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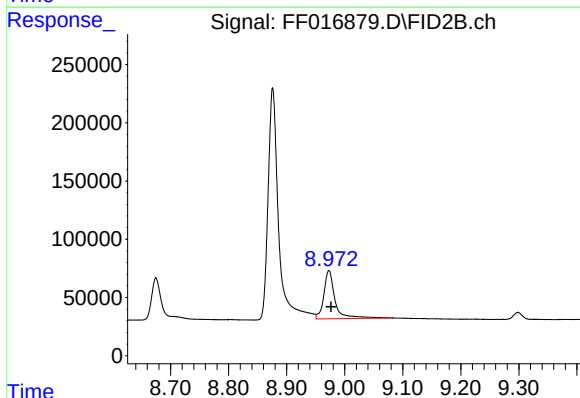
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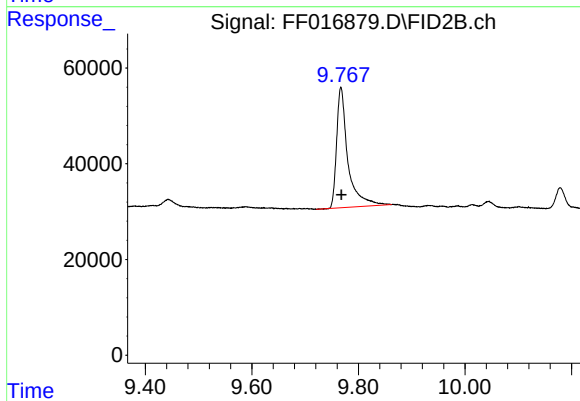
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.876 min  
Delta R.T.: -0.003 min  
Response: 2474171  
Conc: 34.91 ug/ml



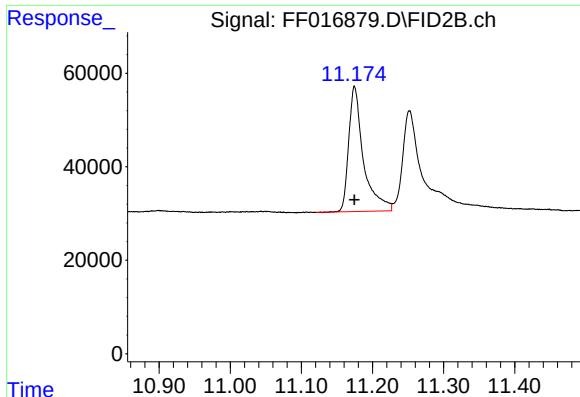
#7 Acenaphthene (C15.5)

R.T.: 8.973 min  
Delta R.T.: -0.004 min  
Response: 552895  
Conc: 3.85 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.767 min  
Delta R.T.: 0.000 min  
Response: 367853  
Conc: 2.77 ug/ml



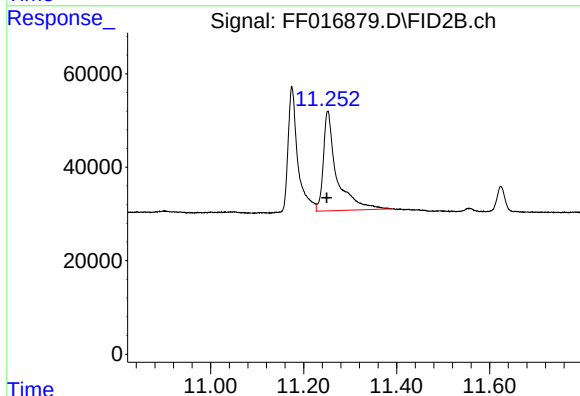
#9 Phenanthrene (C19.36)

R.T.: 11.175 min  
Delta R.T.: 0.000 min  
Response: 387203  
Conc: 2.98 ug/ml

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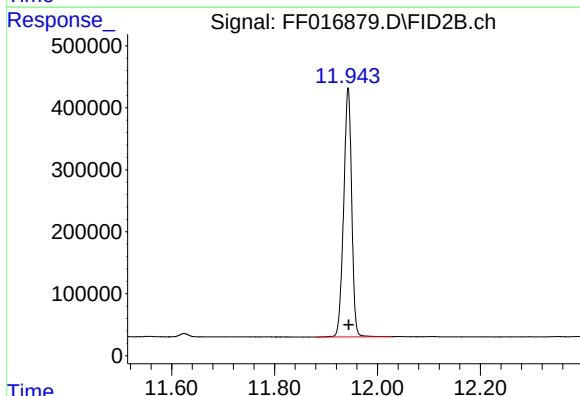
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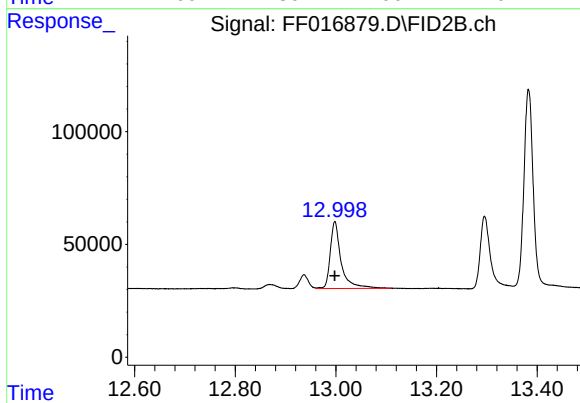
#10 Anthracene (C19.43)

R.T.: 11.252 min  
Delta R.T.: 0.003 min  
Response: 429458  
Conc: 3.38 ug/ml



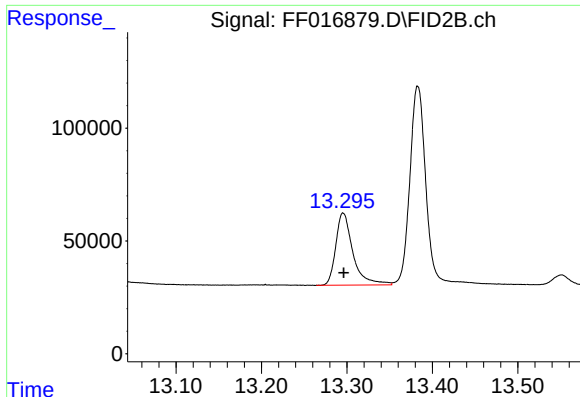
#11 ortho-Terphenyl (SURR)

R.T.: 11.943 min  
Delta R.T.: -0.001 min  
Response: 4342868  
Conc: 29.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.998 min  
Delta R.T.: 0.000 min  
Response: 447027  
Conc: 3.41 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.296 min  
Delta R.T.: 0.000 min  
Response: 446901  
Conc: 3.39 ug/ml

Instrument :

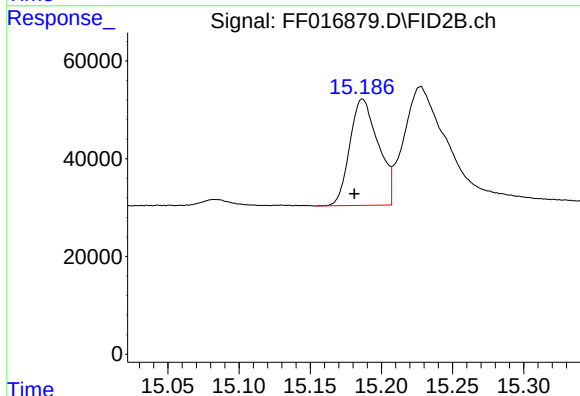
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ClientSampleId :

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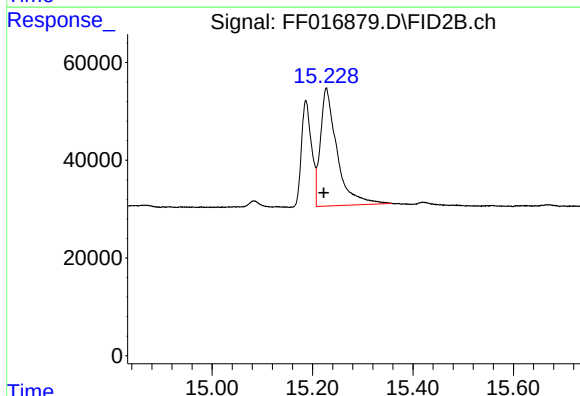
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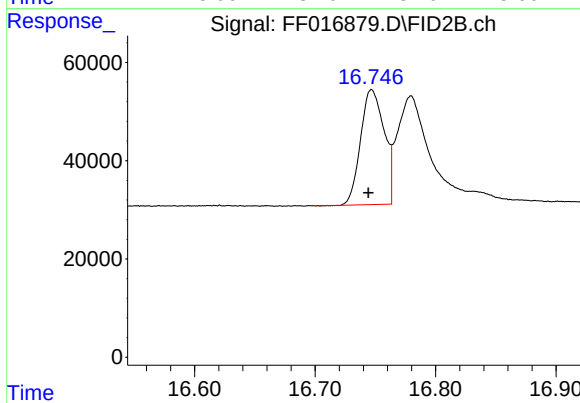
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.187 min  
Delta R.T.: 0.006 min  
Response: 302792  
Conc: 2.81 ug/ml



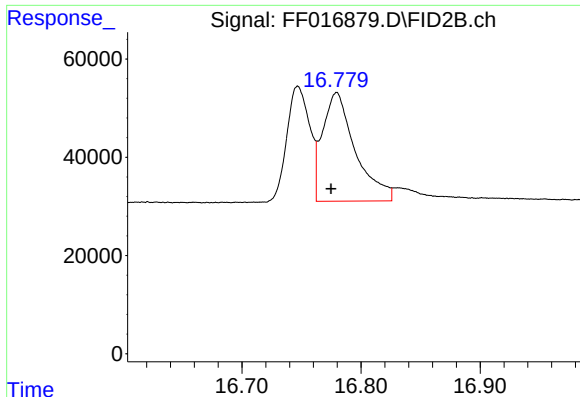
#15 Chrysene (C27.41)

R.T.: 15.228 min  
Delta R.T.: 0.005 min  
Response: 553979  
Conc: 4.00 ug/ml



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

R.T.: 16.747 min  
Delta R.T.: 0.003 min  
Response: 318520  
Conc: 2.70 ug/ml



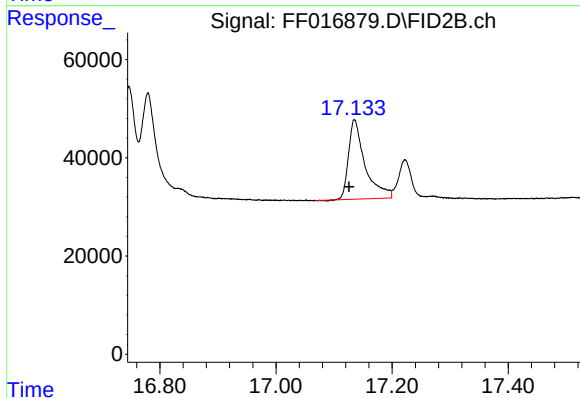
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.779 min  
Delta R.T.: 0.004 min  
Response: 422111  
Conc: 3.28 ug/ml

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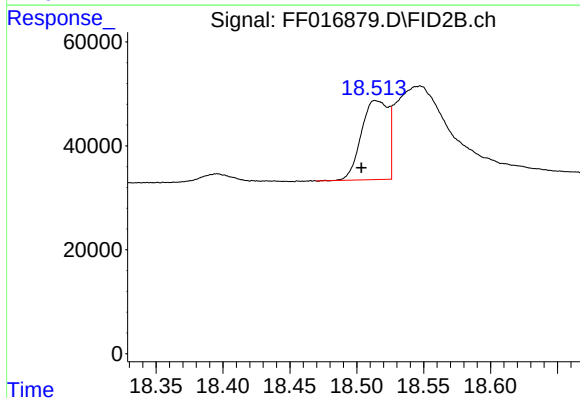
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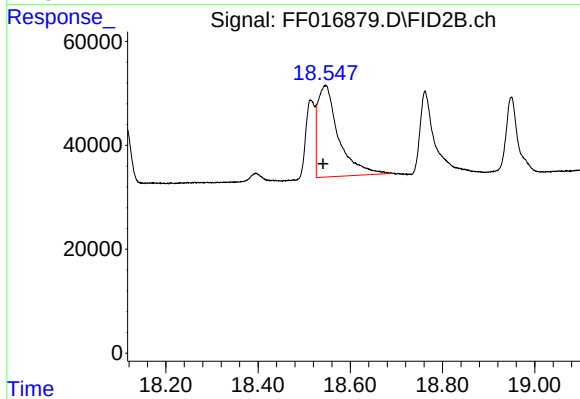
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.136 min  
Delta R.T.: 0.010 min  
Response: 321315  
Conc: 2.67 ug/ml



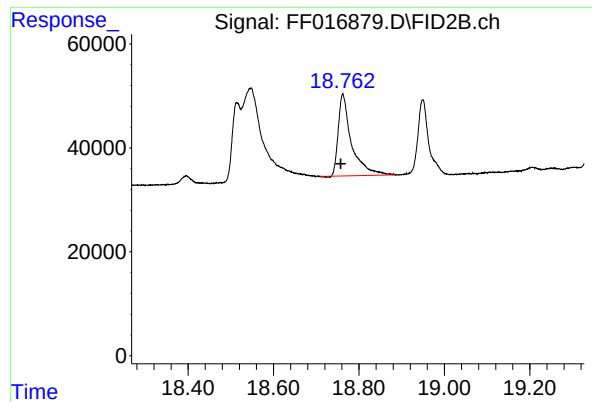
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.513 min  
Delta R.T.: 0.009 min  
Response: 220221  
Conc: 2.23 ug/ml m



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

R.T.: 18.547 min  
Delta R.T.: 0.006 min  
Response: 548449  
Conc: 3.47 ug/ml m



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

R.T.: 18.762 min  
Delta R.T.: 0.005 min  
Response: 340418  
Conc: 2.68 ug/ml

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