

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052224AR\  
 Data File : FF014268.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 May 2024 12:55  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/23/2024  
 Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e  
 Quant Time: May 22 13:10:24 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 052224.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 22 12:10:50 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...      | 7.901  | 2055269    | 19.012 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 38.02%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.774  | 1160898    | 19.150 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.30%        |
| 11) S ortho-Terphenyl (SURR)       | 11.834 | 2630016    | 18.665 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 37.33%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.516  | 2533830    | 18.829 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.180  | 2455271    | 19.030 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.274  | 2224809    | 19.209 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.571  | 2446978    | 19.061 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.871  | 2568781    | 18.820 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.659  | 1950828    | 19.883 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.062 | 1895499    | 18.681 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.138 | 1736041    | 18.791 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.881 | 2253575    | 19.030 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.179 | 2298448    | 19.111 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.059 | 1110007    | 21.373 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.100 | 1818319    | 21.180 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.616 | 1996475    | 20.077 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.647 | 2141901    | 19.817 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.996 | 1847114    | 20.043 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.368 | 1146604    | 16.573 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.413 | 1210191    | 19.901 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.620 | 2161414    | 17.719 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :  
ALS Vial : 66 Sample Multiplier: 1

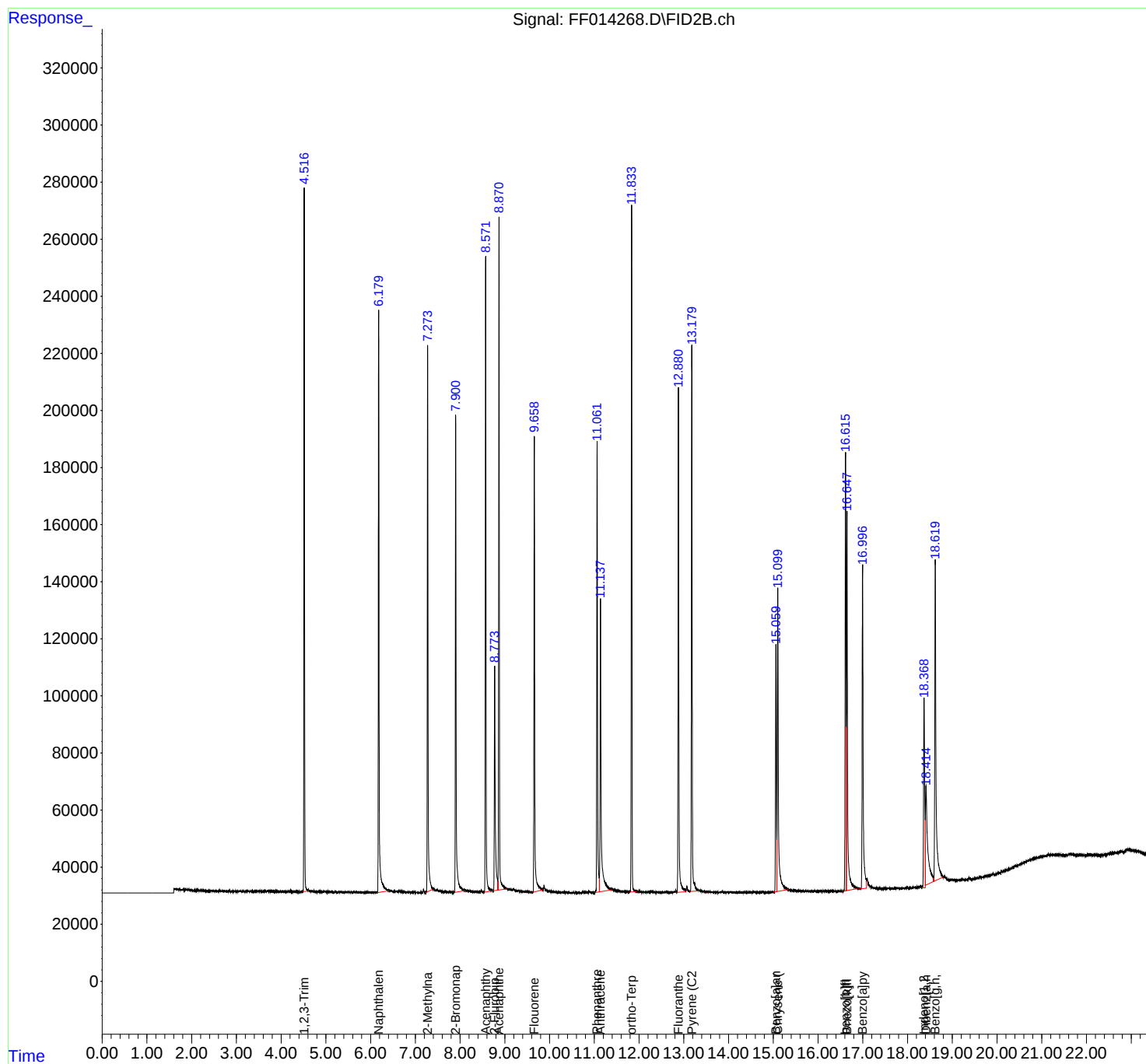
Instrument :  
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20 PPM AROMATIC HC STD

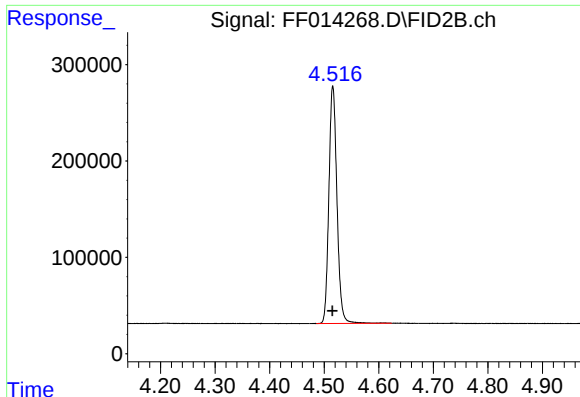
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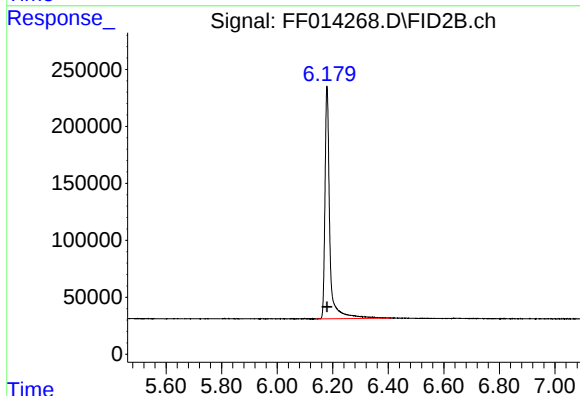
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.516 min  
Delta R.T.: 0.001 min  
Response: 2533830  
Conc: 18.83 ug/ml

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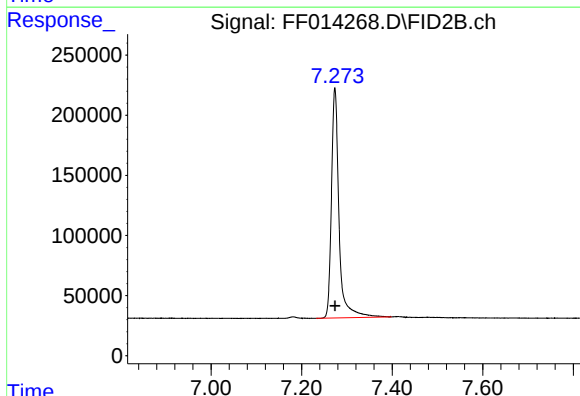
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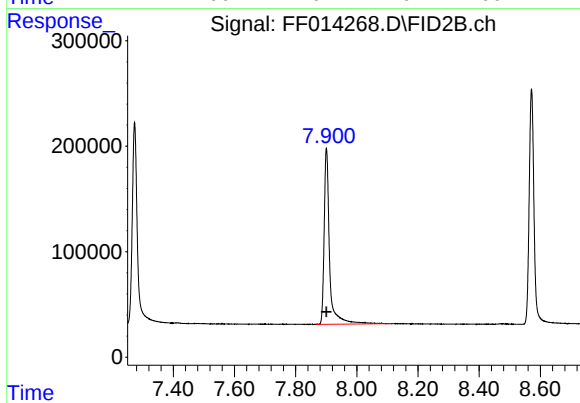
#2 Naphthalene (C11.7)

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 2455271  
Conc: 19.03 ug/ml



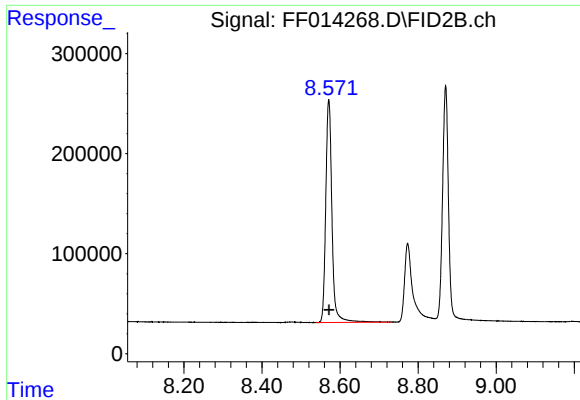
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.274 min  
Delta R.T.: 0.000 min  
Response: 2224809  
Conc: 19.21 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.901 min  
Delta R.T.: 0.000 min  
Response: 2055269  
Conc: 19.01 ug/ml



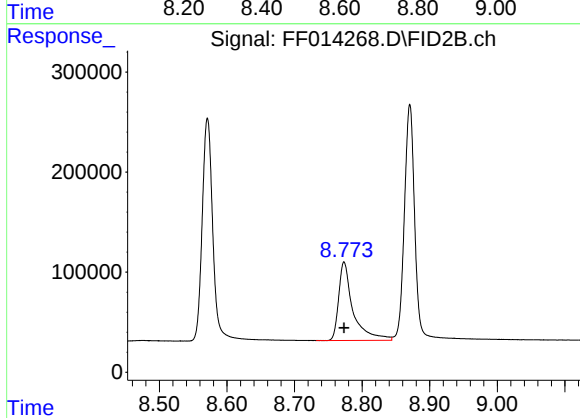
#5 Acenaphthylene (C15.06)

R.T.: 8.571 min  
Delta R.T.: 0.000 min  
Response: 2446978  
Conc: 19.06 ug/ml

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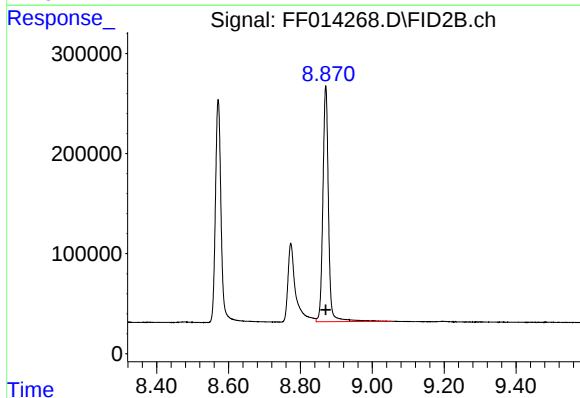
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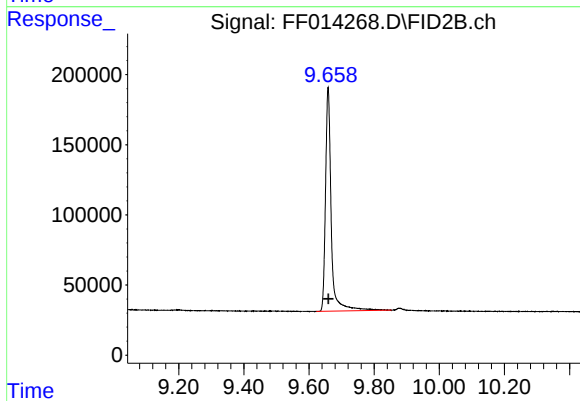
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.774 min  
Delta R.T.: 0.000 min  
Response: 1160898  
Conc: 19.15 ug/ml



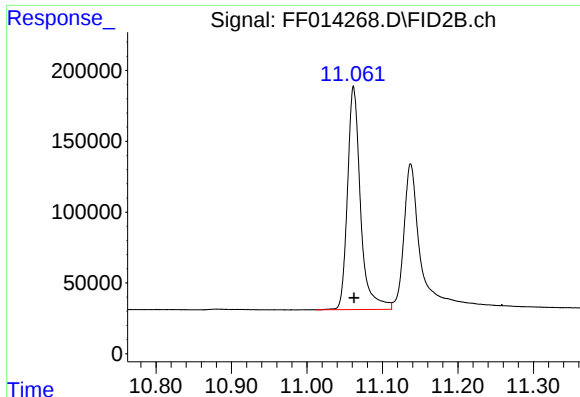
#7 Acenaphthene (C15.5)

R.T.: 8.871 min  
Delta R.T.: 0.000 min  
Response: 2568781  
Conc: 18.82 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.659 min  
Delta R.T.: 0.000 min  
Response: 1950828  
Conc: 19.88 ug/ml



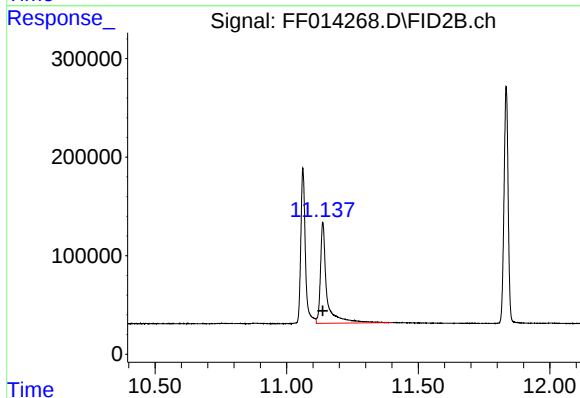
#9 Phenanthrene (C19.36)

R.T.: 11.062 min  
Delta R.T.: 0.000 min  
Response: 1895499  
Conc: 18.68 ug/ml

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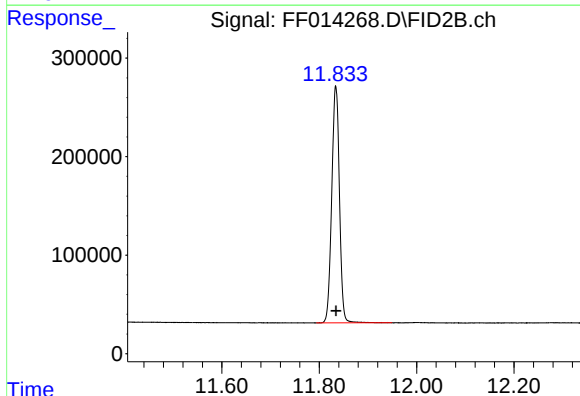
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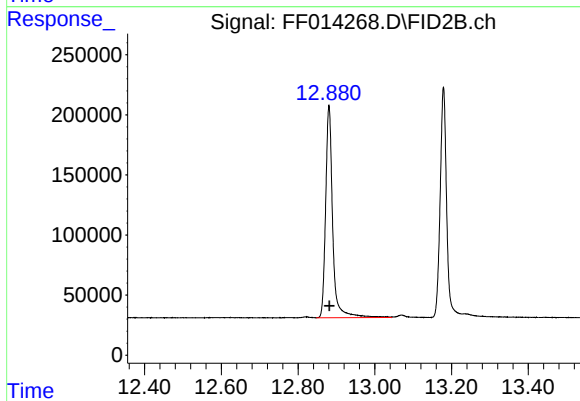
#10 Anthracene (C19.43)

R.T.: 11.138 min  
Delta R.T.: 0.000 min  
Response: 1736041  
Conc: 18.79 ug/ml



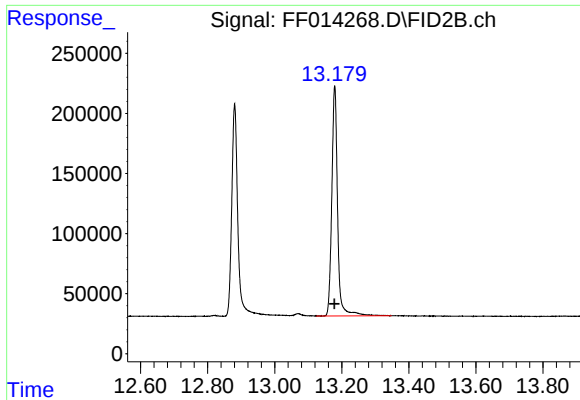
#11 ortho-Terphenyl (SURR)

R.T.: 11.834 min  
Delta R.T.: 0.000 min  
Response: 2630016  
Conc: 18.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.881 min  
Delta R.T.: 0.000 min  
Response: 2253575  
Conc: 19.03 ug/ml



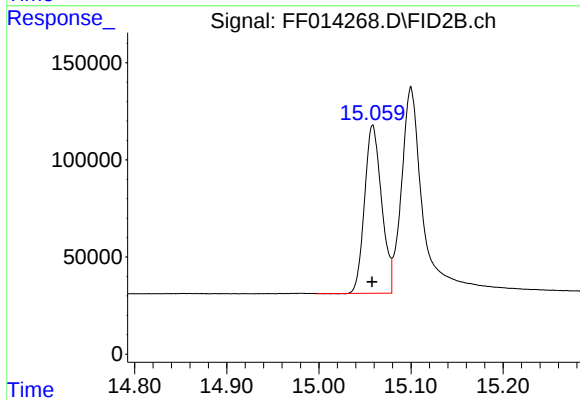
#13 Pyrene (C20.8)

R.T.: 13.179 min  
Delta R.T.: 0.000 min  
Response: 2298448  
Conc: 19.11 ug/ml

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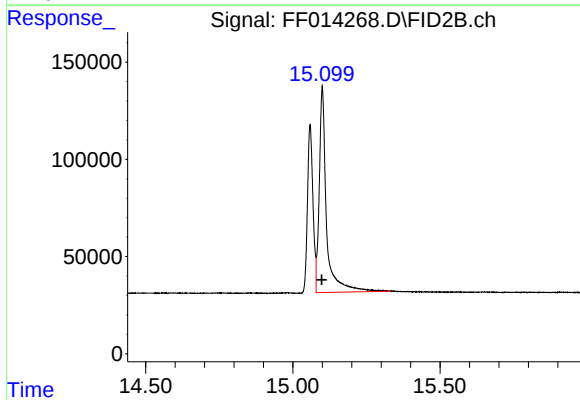
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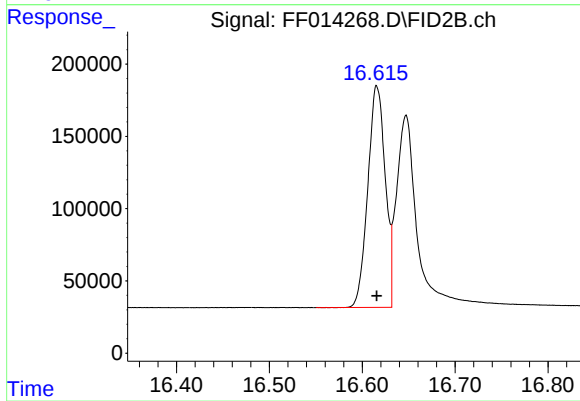
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.059 min  
Delta R.T.: 0.000 min  
Response: 1110007  
Conc: 21.37 ug/ml



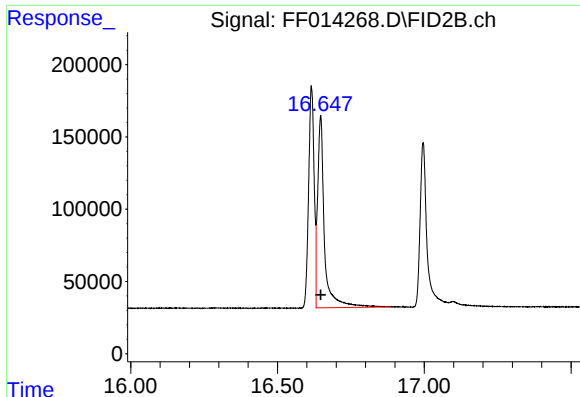
#15 Chrysene (C27.41)

R.T.: 15.100 min  
Delta R.T.: 0.001 min  
Response: 1818319  
Conc: 21.18 ug/ml



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

R.T.: 16.616 min  
Delta R.T.: 0.000 min  
Response: 1996475  
Conc: 20.08 ug/ml



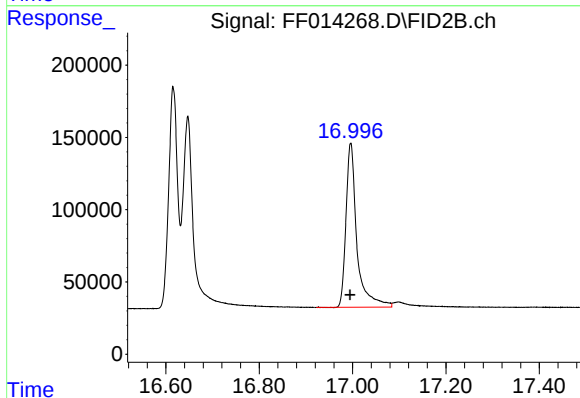
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.647 min  
Delta R.T.: 0.000 min  
Response: 2141901  
Conc: 19.82 ug/ml

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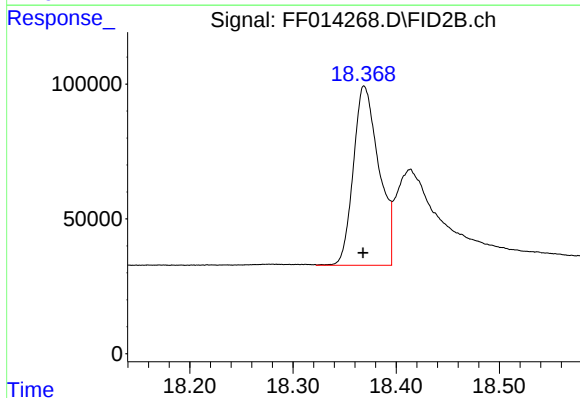
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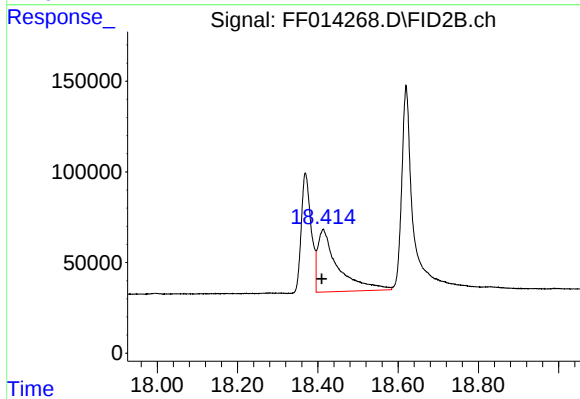
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.996 min  
Delta R.T.: 0.001 min  
Response: 1847114  
Conc: 20.04 ug/ml



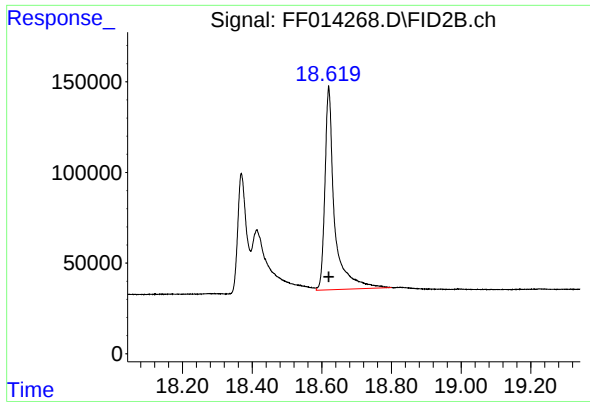
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.368 min  
Delta R.T.: 0.000 min  
Response: 1146604  
Conc: 16.57 ug/ml m



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

R.T.: 18.413 min  
Delta R.T.: 0.003 min  
Response: 1210191  
Conc: 19.90 ug/ml



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

R.T.: 18.620 min  
Delta R.T.: 0.000 min  
Response: 2161414  
Conc: 17.72 ug/ml

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