

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062023AR\  
 Data File : FD045914.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Jun 2023 20:47  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/21/2023  
 Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e  
 Quant Time: Jun 21 01:11:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:44:25 2023  
 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...      | 7.521  | 3659610    | 20.299 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.60%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.376  | 2387002    | 19.854 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.71%        |
| 11) S ortho-Terphenyl (SURR)       | 11.414 | 4361444    | 19.526 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 39.05%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.332  | 4206265    | 20.836 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.861  | 4315423    | 20.366 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.910  | 4279718    | 20.263 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.180  | 3789838    | 20.003 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.476  | 4052040    | 20.042 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.253  | 3897716    | 19.672 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.643 | 3657921    | 19.120 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.717 | 3140908    | 18.438 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.447 | 3464328    | 18.752 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.741 | 3348008    | 18.746 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.605 | 3014549    | 19.254 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.647 | 3168820    | 19.207 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.147 | 3101722    | 20.494 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.180 | 3070810    | 19.835 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.522 | 3023631    | 20.676 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.879 | 3041950    | 20.769 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.921 | 3217302    | 21.446 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.132 | 3111832    | 21.089 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 20 Jun 2023 20:47  
Operator : YP/AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

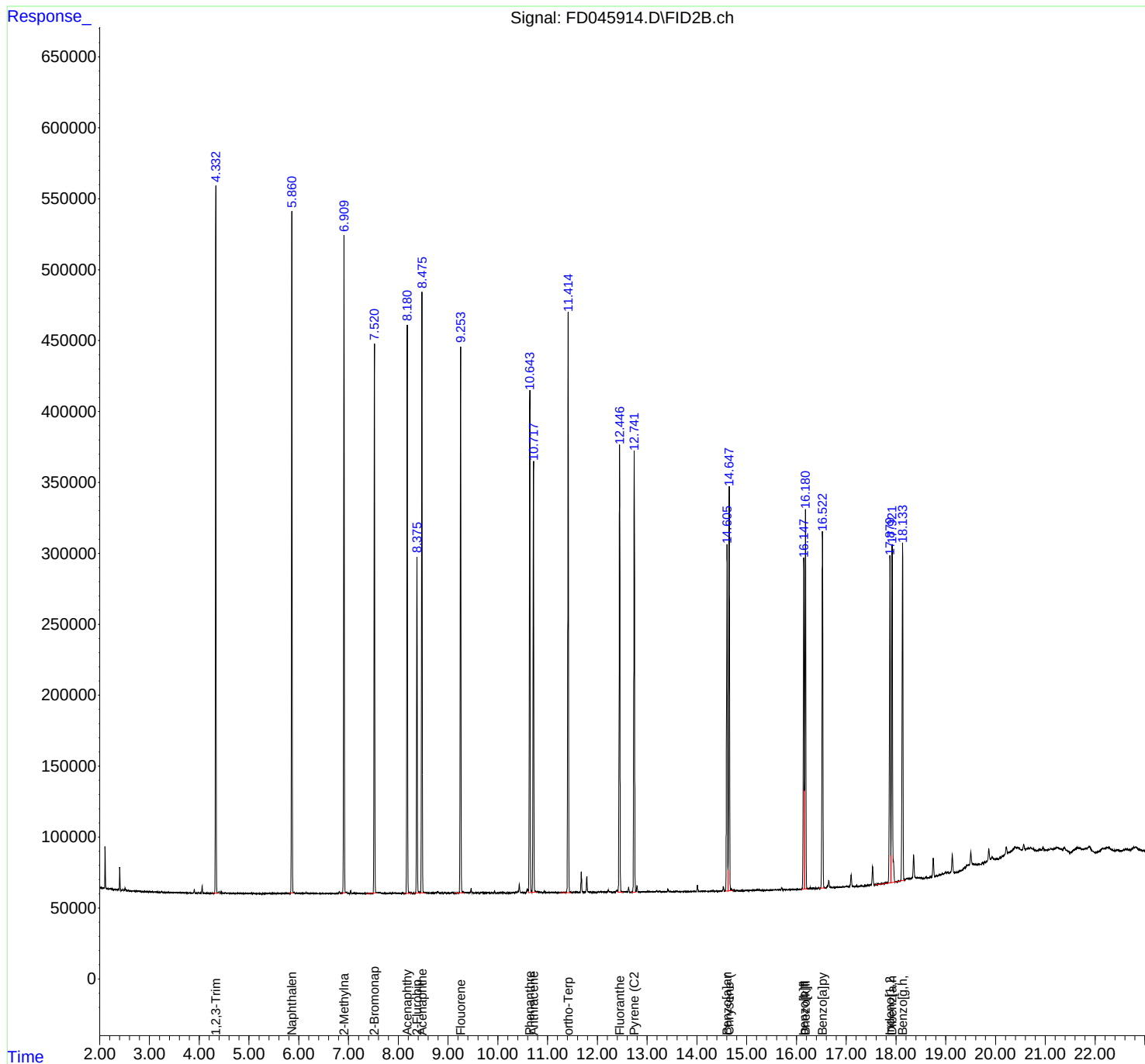
Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD

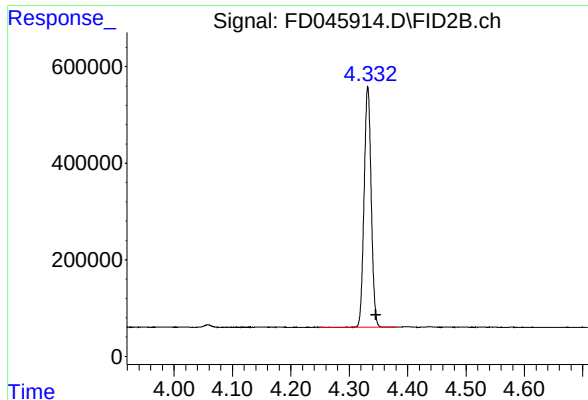
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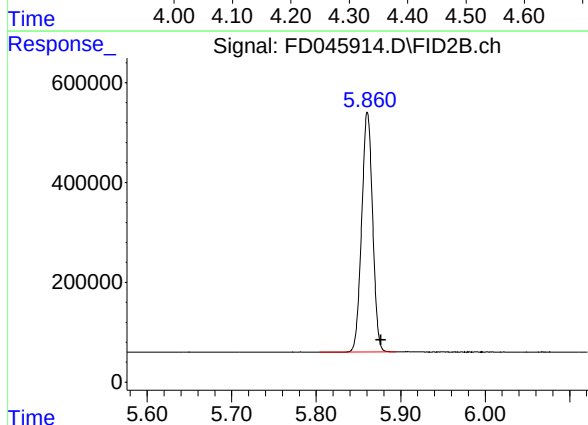
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.332 min  
Delta R.T.: -0.014 min  
Response: 4206265  
Conc: 20.84 ug/ml

Instrument :  
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20 PPM AROMATIC HC STD

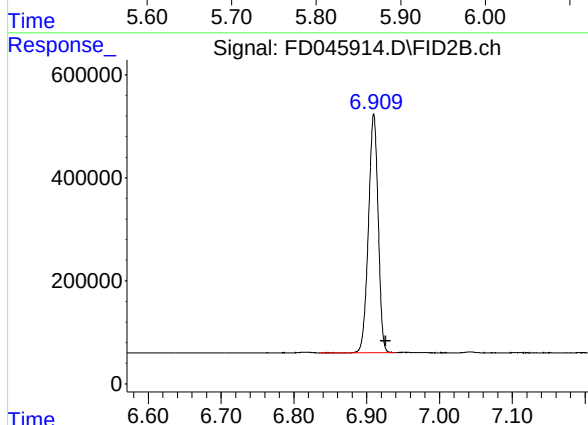
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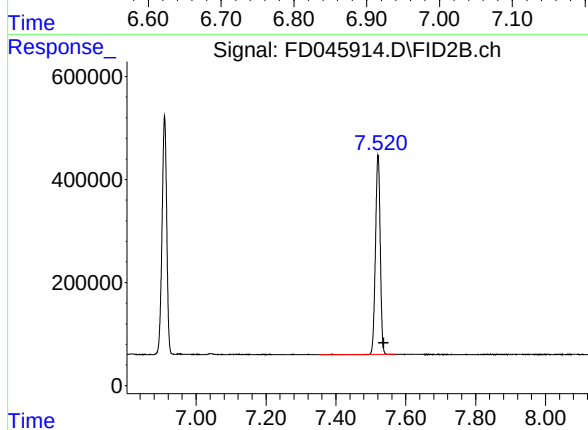
#2 Naphthalene (C11.7)

R.T.: 5.861 min  
Delta R.T.: -0.016 min  
Response: 4315423  
Conc: 20.37 ug/ml



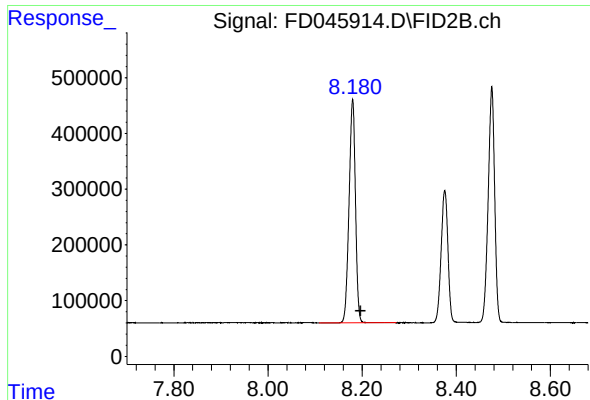
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min  
Delta R.T.: -0.016 min  
Response: 4279718  
Conc: 20.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min  
Delta R.T.: -0.017 min  
Response: 3659610  
Conc: 20.30 ug/ml



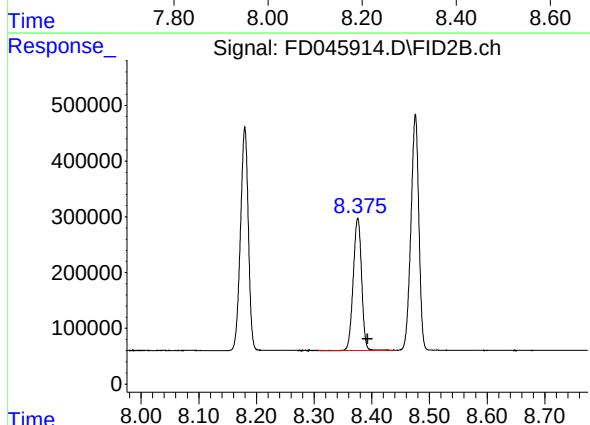
#5 Acenaphthylene (C15.06)

R.T.: 8.180 min  
Delta R.T.: -0.017 min  
Response: 3789838  
Conc: 20.00 ug/ml

Instrument :  
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20 PPM AROMATIC HC STD

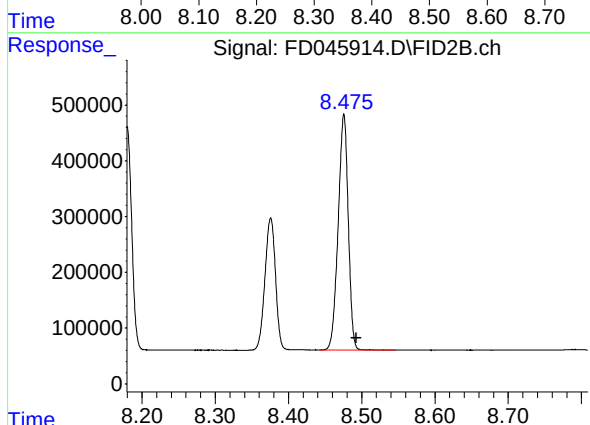
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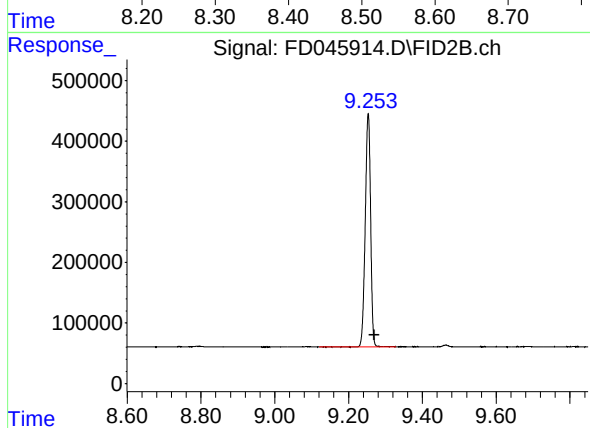
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.376 min  
Delta R.T.: -0.017 min  
Response: 2387002  
Conc: 19.85 ug/ml



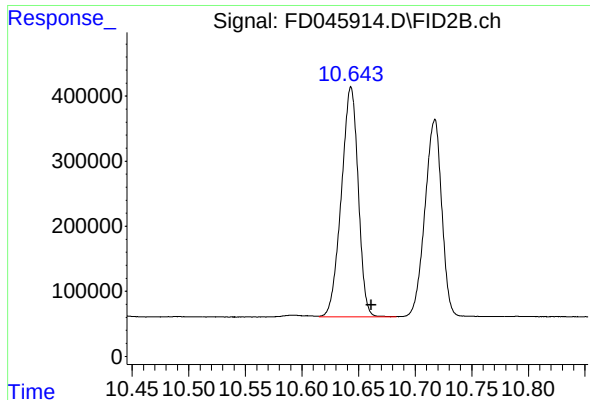
#7 Acenaphthene (C15.5)

R.T.: 8.476 min  
Delta R.T.: -0.017 min  
Response: 4052040  
Conc: 20.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.253 min  
Delta R.T.: -0.017 min  
Response: 3897716  
Conc: 19.67 ug/ml



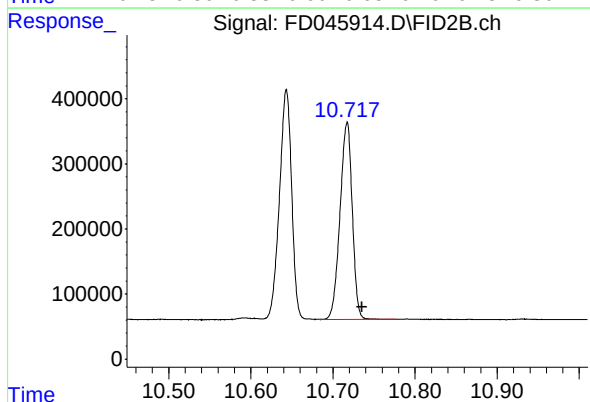
#9 Phenanthrene (C19.36)

R.T.: 10.643 min  
Delta R.T.: -0.018 min  
Response: 3657921  
Conc: 19.12 ug/ml

Instrument :  
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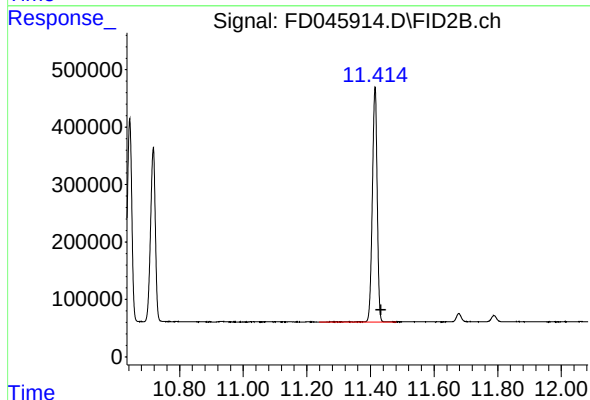
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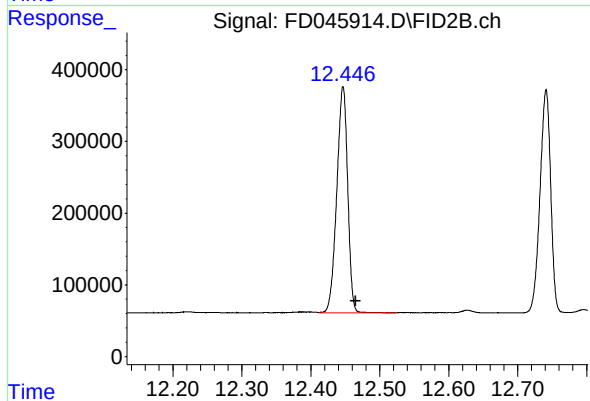
#10 Anthracene (C19.43)

R.T.: 10.717 min  
Delta R.T.: -0.018 min  
Response: 3140908  
Conc: 18.44 ug/ml



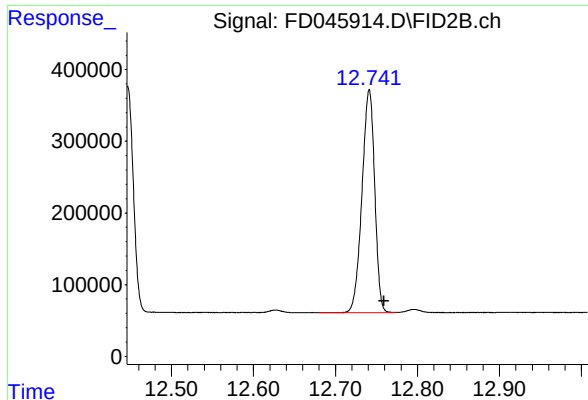
#11 ortho-Terphenyl (SURR)

R.T.: 11.414 min  
Delta R.T.: -0.018 min  
Response: 4361444  
Conc: 19.53 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.447 min  
Delta R.T.: -0.018 min  
Response: 3464328  
Conc: 18.75 ug/ml



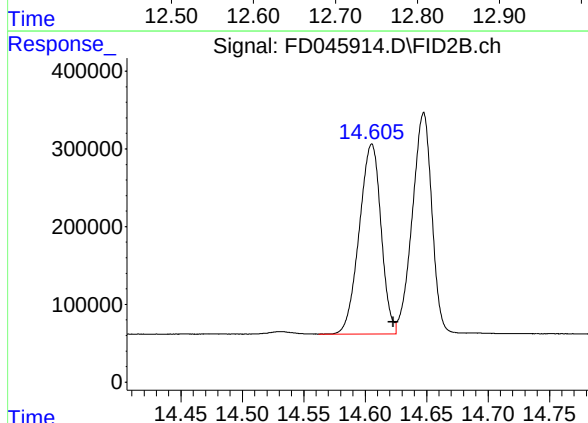
#13 Pyrene (C20.8)

R.T.: 12.741 min  
Delta R.T.: -0.018 min  
Response: 3348008  
Conc: 18.75 ug/ml

Instrument :  
FID\_D  
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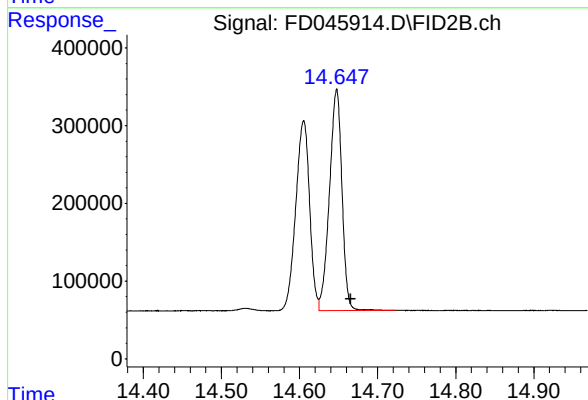
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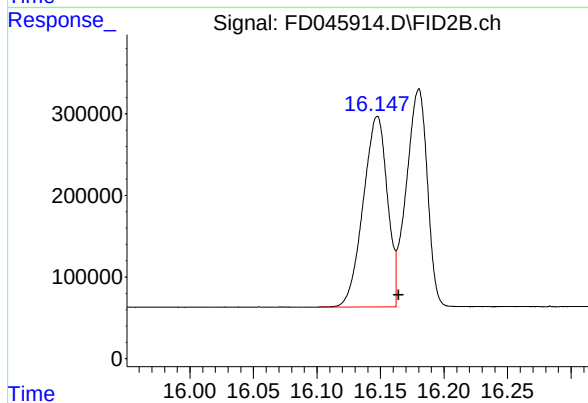
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.605 min  
Delta R.T.: -0.018 min  
Response: 3014549  
Conc: 19.25 ug/ml



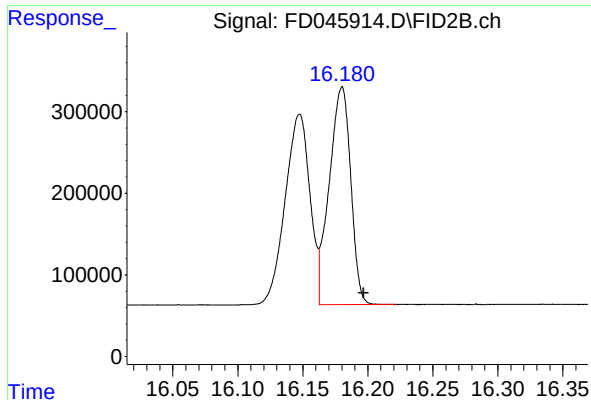
#15 Chrysene (C27.41)

R.T.: 14.647 min  
Delta R.T.: -0.018 min  
Response: 3168820  
Conc: 19.21 ug/ml



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

R.T.: 16.147 min  
Delta R.T.: -0.017 min  
Response: 3101722  
Conc: 20.49 ug/ml m



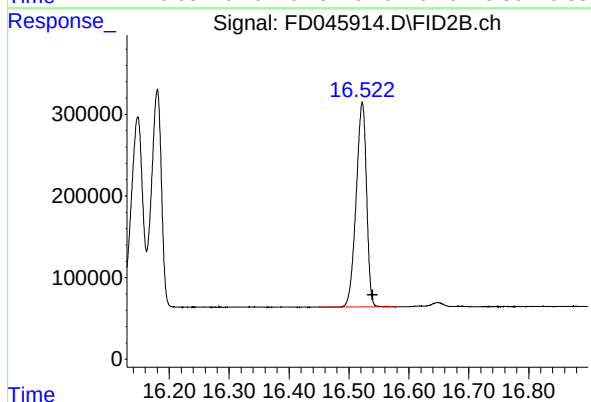
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.180 min  
Delta R.T.: -0.017 min  
Response: 3070810  
Conc: 19.83 ug/ml

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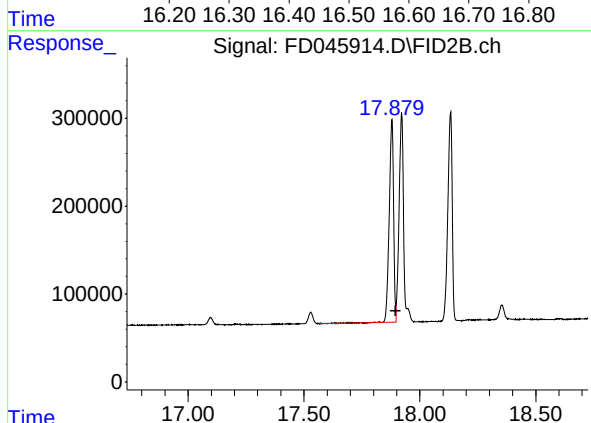
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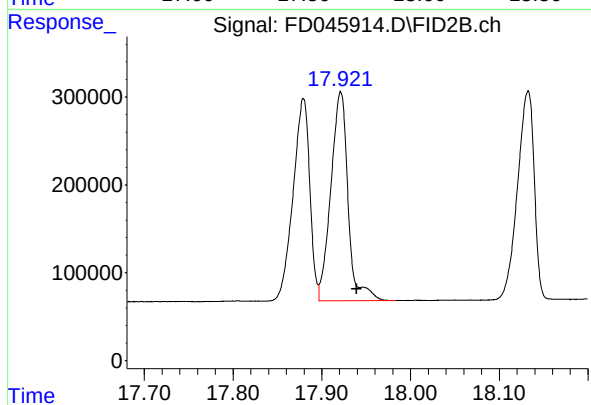
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min  
Delta R.T.: -0.017 min  
Response: 3023631  
Conc: 20.68 ug/ml



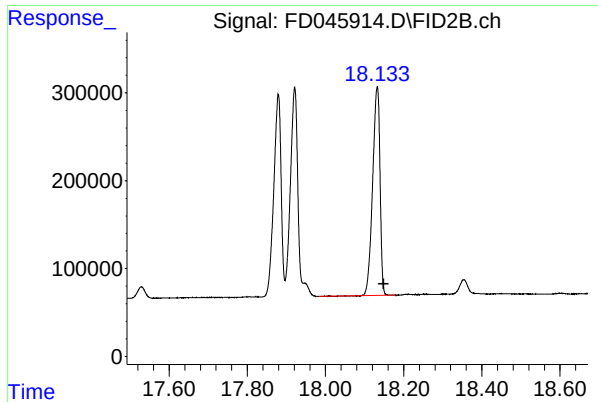
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min  
Delta R.T.: -0.016 min  
Response: 3041950  
Conc: 20.77 ug/ml



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

R.T.: 17.921 min  
Delta R.T.: -0.018 min  
Response: 3217302  
Conc: 21.45 ug/ml



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

R.T.: 18.132 min  
Delta R.T.: -0.017 min  
Response: 3111832  
Conc: 21.09 ug/ml

Instrument :

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