

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042120AR\  
 Data File : FD033096.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Apr 2020 3:55  
 Operator : DD\AJ  
 Sample : L2283-03MSD  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PA-1MSD

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Apr 22 07:00:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040620.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 07 02:14:39 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.599  | 5360860    | 36.538 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 73.08%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.462  | 3005388    | 30.806 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 61.61%        |
| 11) S ortho-Terphenyl (SURR)       | 11.496 | 5681209    | 35.549 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 71.10%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.403  | 3635296    | 23.404 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.939  | 4278186    | 26.221 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.990  | 4592454    | 28.459 ug/mlm |
| 5) T Acenaphthylene (C15.06)       | 8.264  | 4456281    | 28.808 ug/mlm |
| 7) T Acenaphthene (C15.5)          | 8.559  | 4703606    | 29.231 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.339  | 4712712    | 30.313 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.734 | 4601425    | 29.375 ug/mlm |
| 10) T Anthracene (C19.43)          | 10.810 | 4523664    | 29.700 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.544 | 4397585    | 27.904 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.842 | 4350536    | 27.860 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 14.714 | 3951592    | 27.760 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.757 | 4065806    | 27.555 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.267 | 4119656    | 30.184 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.300 | 4056105    | 29.471 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.647 | 3656311    | 27.601 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.017 | 3969422    | 32.886 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.052 | 4001145    | 31.940 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.273 | 3941876    | 32.570 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 68 Sample Multiplier: 1

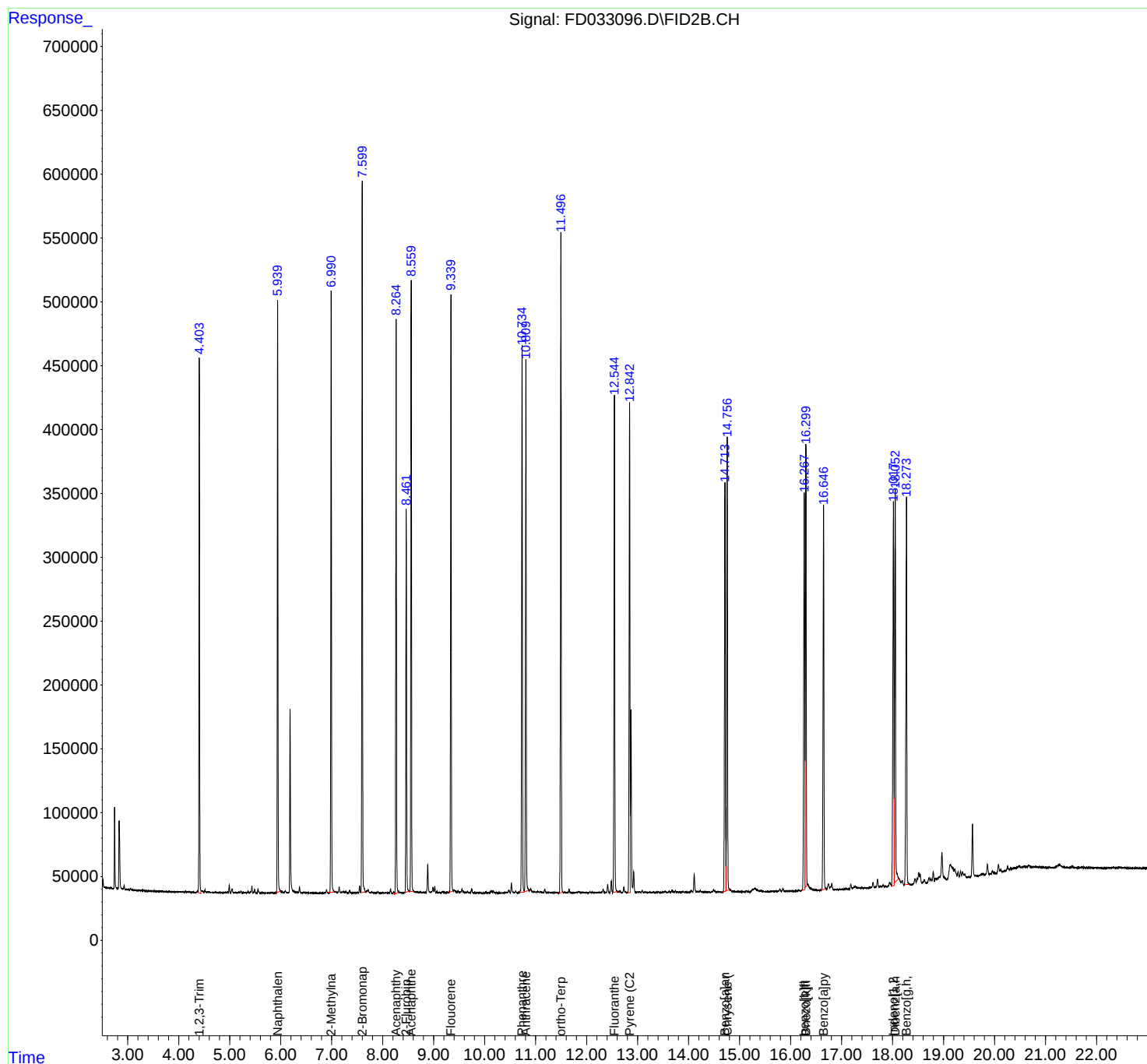
Instrument :  
FID\_D  
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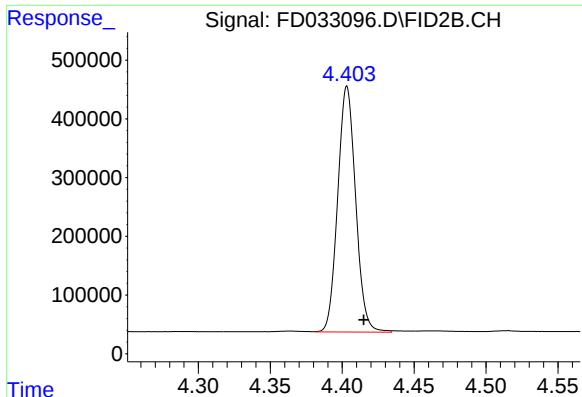
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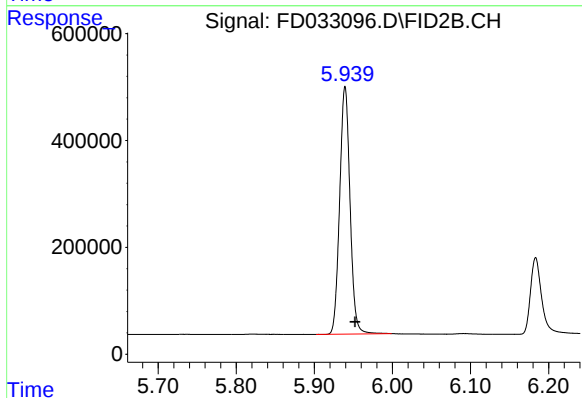
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.403 min  
Delta R.T.: -0.012 min  
Response: 3635296  
Conc: 23.40 ug/ml m

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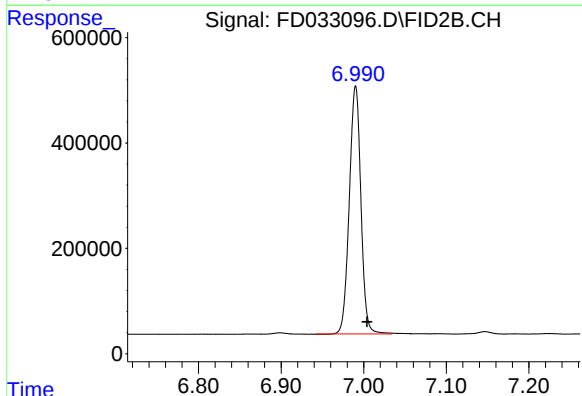
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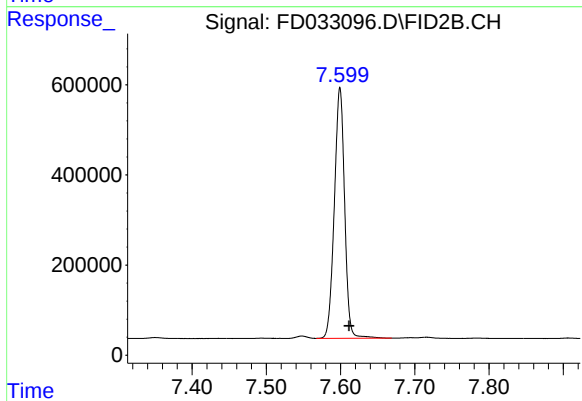
#2 Naphthalene (C11.7)

R.T.: 5.939 min  
Delta R.T.: -0.013 min  
Response: 4278186  
Conc: 26.22 ug/ml



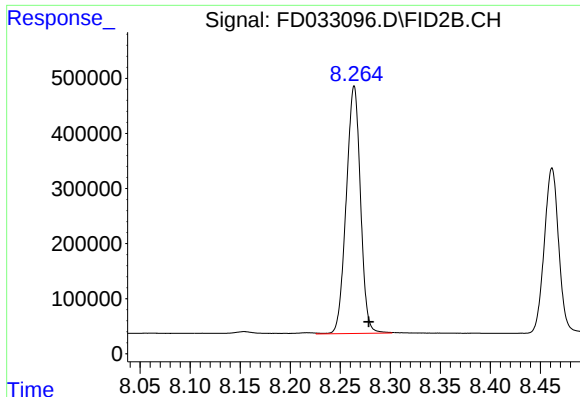
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.990 min  
Delta R.T.: -0.014 min  
Response: 4592454  
Conc: 28.46 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.599 min  
Delta R.T.: -0.012 min  
Response: 5360860  
Conc: 36.54 ug/ml



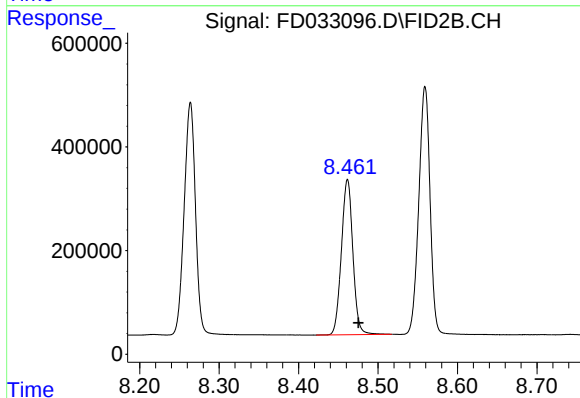
#5 Acenaphthylene (C15.06)

R.T.: 8.264 min  
Delta R.T.: -0.015 min  
Response: 4456281  
Conc: 28.81 ug/ml m

Instrument :  
FID\_D  
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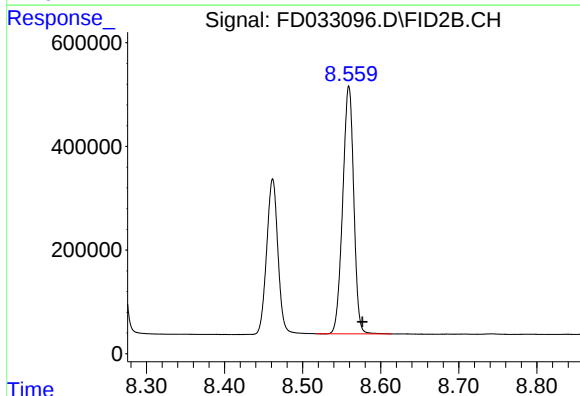
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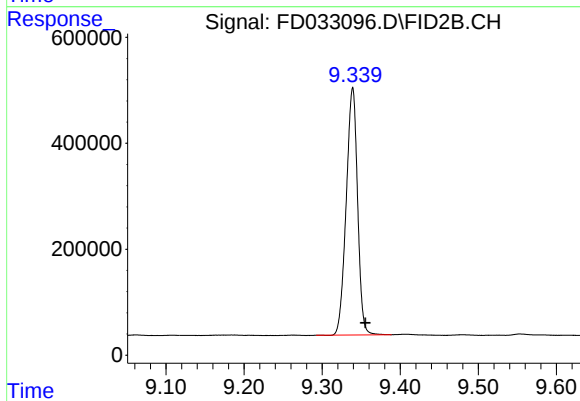
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.462 min  
Delta R.T.: -0.013 min  
Response: 3005388  
Conc: 30.81 ug/ml



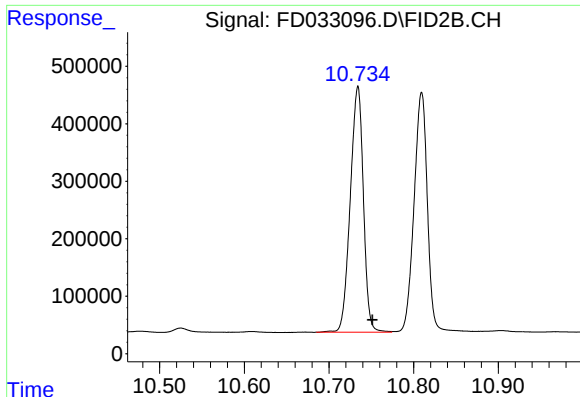
#7 Acenaphthene (C15.5)

R.T.: 8.559 min  
Delta R.T.: -0.017 min  
Response: 4703606  
Conc: 29.23 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.339 min  
Delta R.T.: -0.017 min  
Response: 4712712  
Conc: 30.31 ug/ml



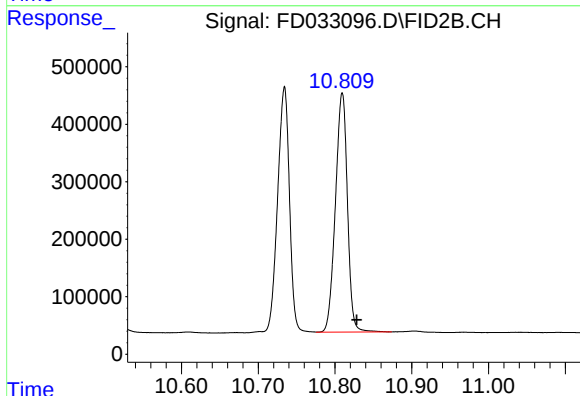
#9 Phenanthrene (C19.36)

R.T.: 10.734 min  
Delta R.T.: -0.017 min  
Response: 4601425  
Conc: 29.38 ug/ml m

Instrument :  
FID\_D  
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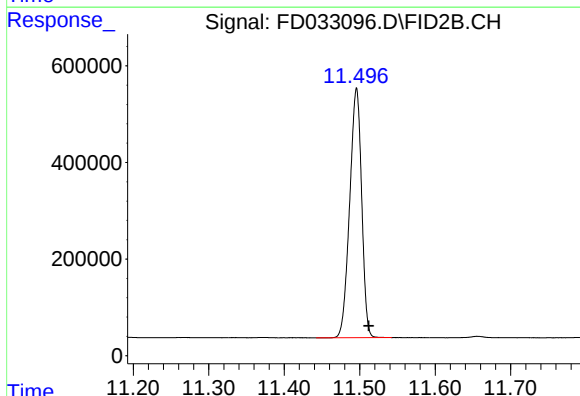
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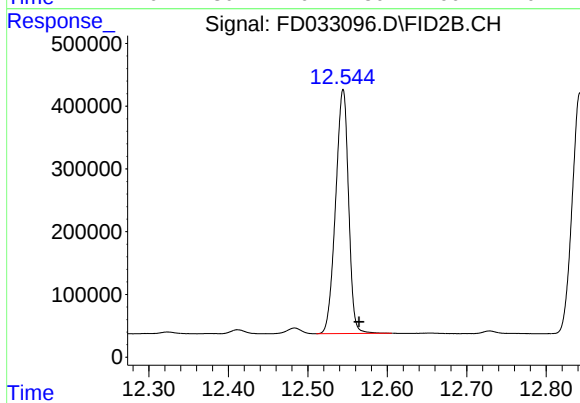
#10 Anthracene (C19.43)

R.T.: 10.810 min  
Delta R.T.: -0.019 min  
Response: 4523664  
Conc: 29.70 ug/ml



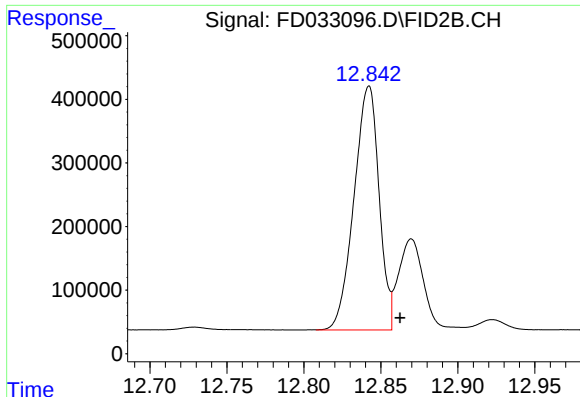
#11 ortho-Terphenyl (SURR)

R.T.: 11.496 min  
Delta R.T.: -0.016 min  
Response: 5681209  
Conc: 35.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.544 min  
Delta R.T.: -0.020 min  
Response: 4397585  
Conc: 27.90 ug/ml



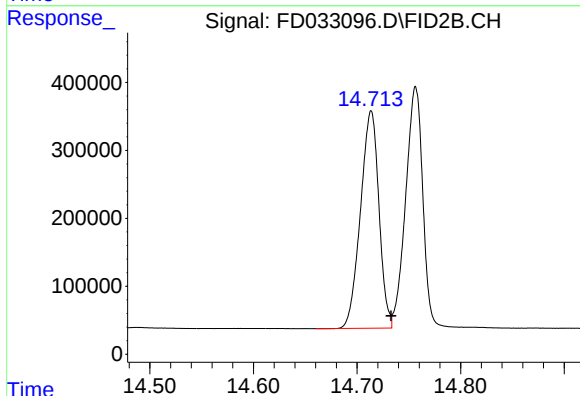
#13 Pyrene (C20.8)

R.T.: 12.842 min  
Delta R.T.: -0.020 min  
Response: 4350536  
Conc: 27.86 ug/ml m

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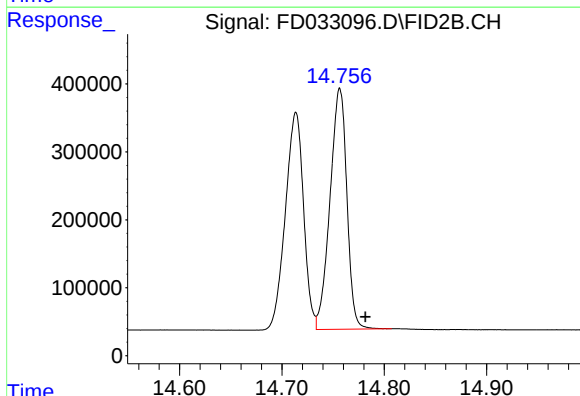
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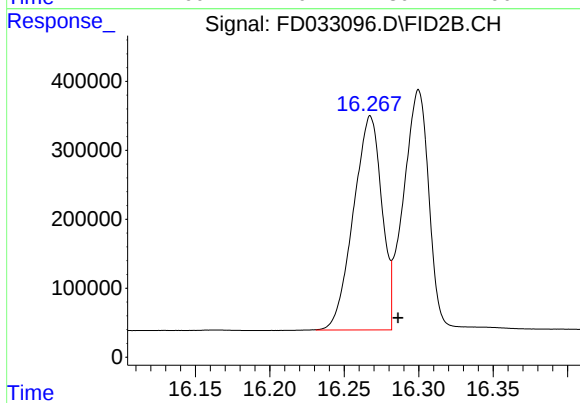
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.714 min  
Delta R.T.: -0.019 min  
Response: 3951592  
Conc: 27.76 ug/ml



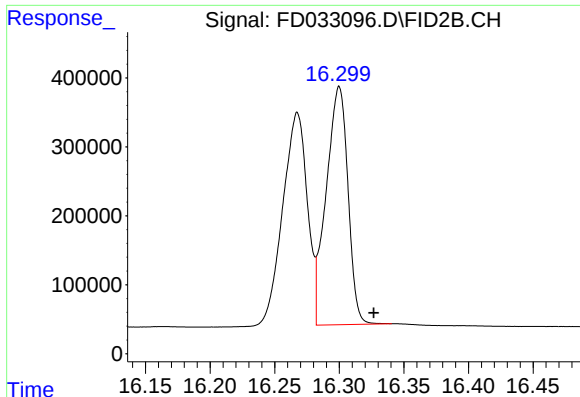
#15 Chrysene (C27.41)

R.T.: 14.757 min  
Delta R.T.: -0.025 min  
Response: 4065806  
Conc: 27.55 ug/ml



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

R.T.: 16.267 min  
Delta R.T.: -0.019 min  
Response: 4119656  
Conc: 30.18 ug/ml m



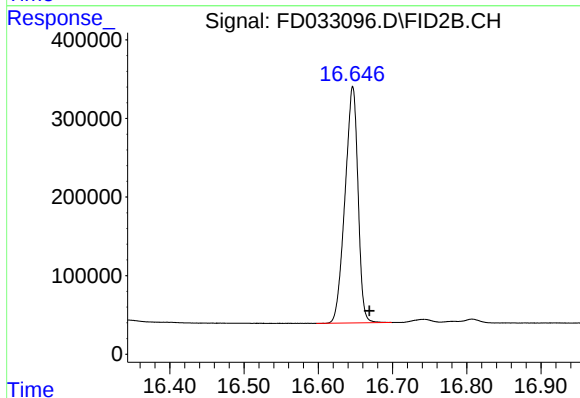
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.300 min  
Delta R.T.: -0.027 min  
Response: 4056105  
Conc: 29.47 ug/ml

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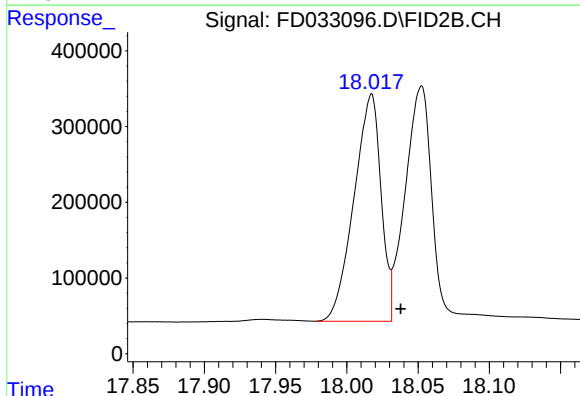
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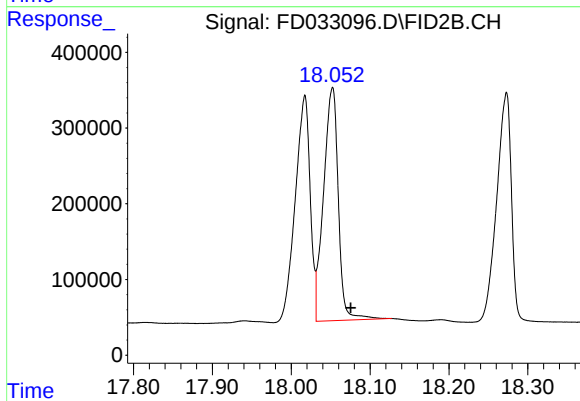
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.647 min  
Delta R.T.: -0.023 min  
Response: 3656311  
Conc: 27.60 ug/ml



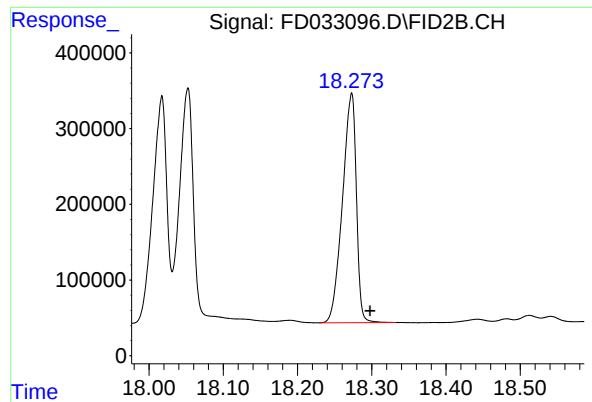
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.017 min  
Delta R.T.: -0.021 min  
Response: 3969422  
Conc: 32.89 ug/ml m



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

R.T.: 18.052 min  
Delta R.T.: -0.023 min  
Response: 4001145  
Conc: 31.94 ug/ml



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

R.T.: 18.273 min  
Delta R.T.: -0.025 min  
Response: 3941876  
Conc: 32.57 ug/ml

Instrument :  
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