

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042320AR\  
 Data File : FD033183.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Apr 2020 12:56  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

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 4/27/2020 9:08:54 AM

Integration File: autoint1.e  
 Quant Time: Apr 24 13:26:35 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...      | 7.595  | 2880642    | 19.634 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 39.27%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.457  | 1865181    | 19.119 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.24%        |
| 11) S ortho-Terphenyl (SURR)       | 11.489 | 2920587    | 18.275 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 36.55%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.400  | 3241338    | 20.867 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.936  | 3265419    | 20.013 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.986  | 3179192    | 19.701 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.259  | 2960467    | 19.138 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.554  | 3097514    | 19.250 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.334  | 2950374    | 18.978 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.728 | 2823034    | 18.022 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.803 | 2649555    | 17.395 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.539 | 2757378    | 17.496 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.835 | 2727397    | 17.465 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.707 | 2613118    | 18.357 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.748 | 2721531    | 18.444 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.259 | 2706734    | 19.832 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.292 | 2754696    | 20.015 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.639 | 2733508    | 20.635 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.008 | 2708276    | 22.437 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.044 | 2827548    | 22.571 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.263 | 2724761    | 22.514 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
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Misc :  
ALS Vial : 52 Sample Multiplier: 1

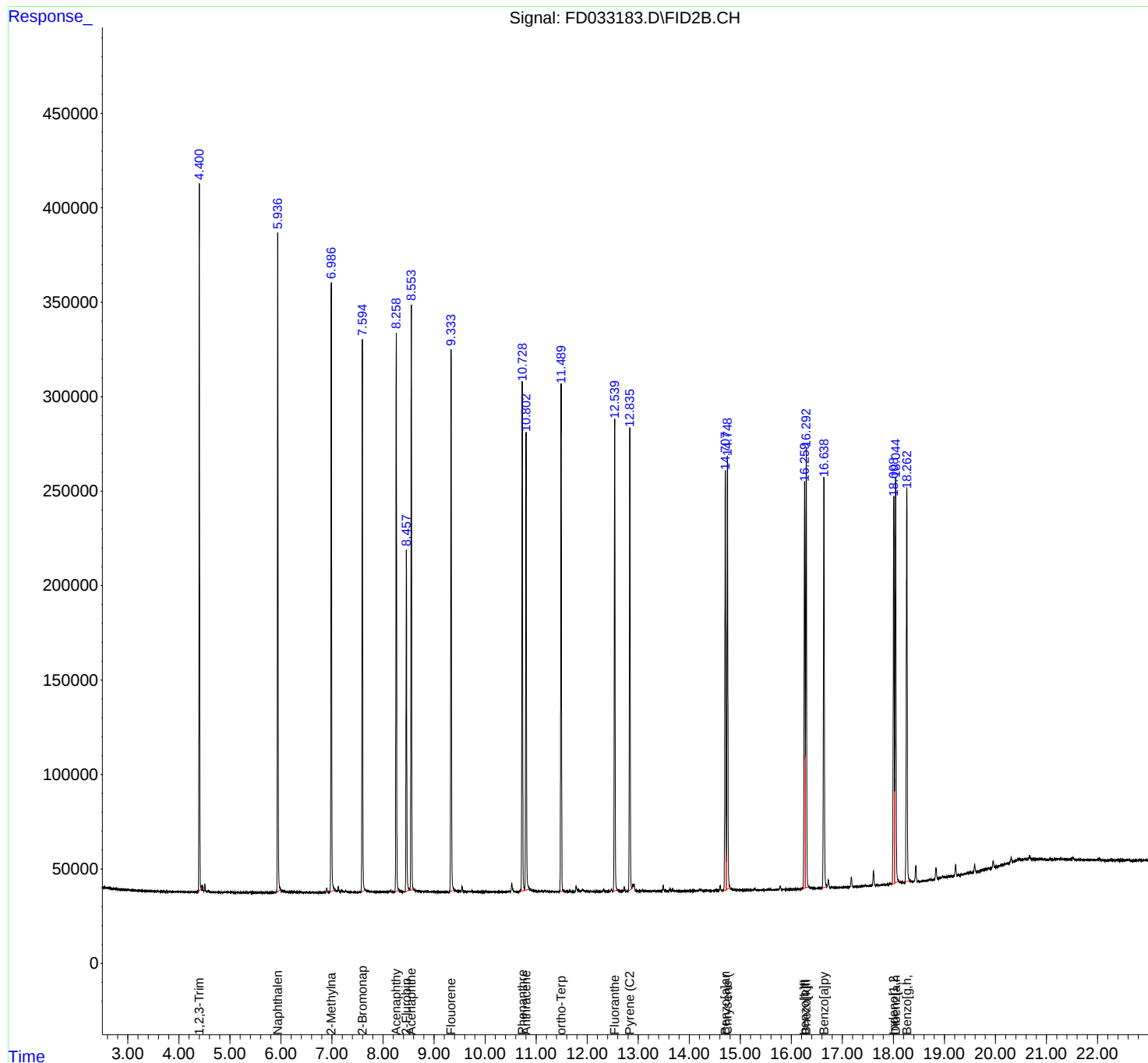
Instrument :  
FID\_D  
ClientSampled :  
20 PPM AROMATIC HC STD

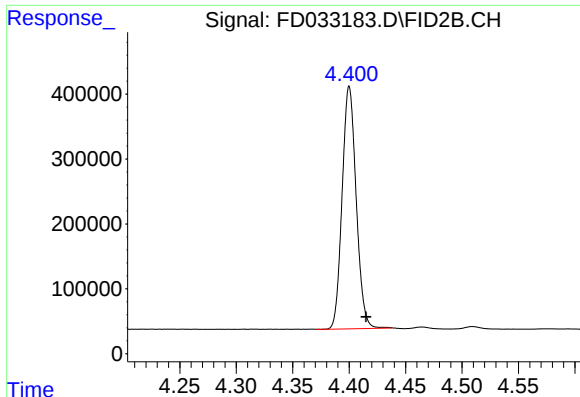
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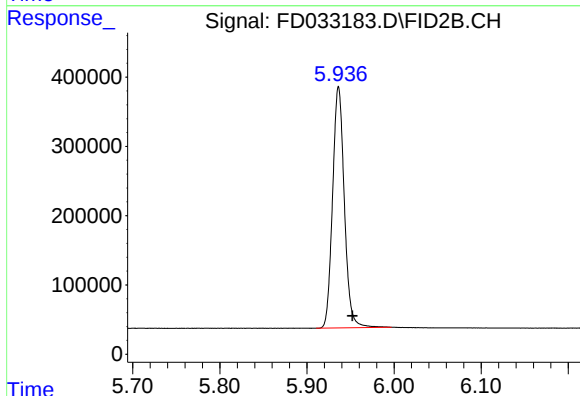
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.400 min  
Delta R.T.: -0.015 min  
Response: 3241338  
Conc: 20.87 ug/ml m

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

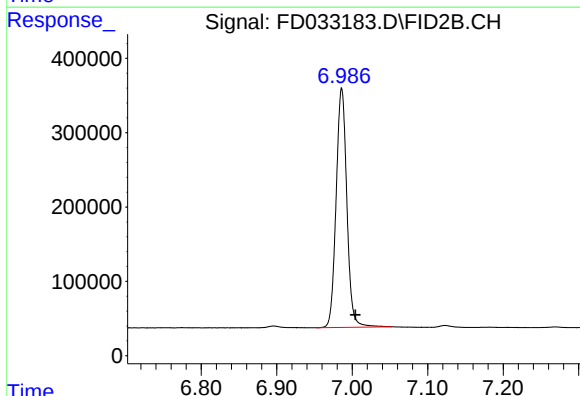
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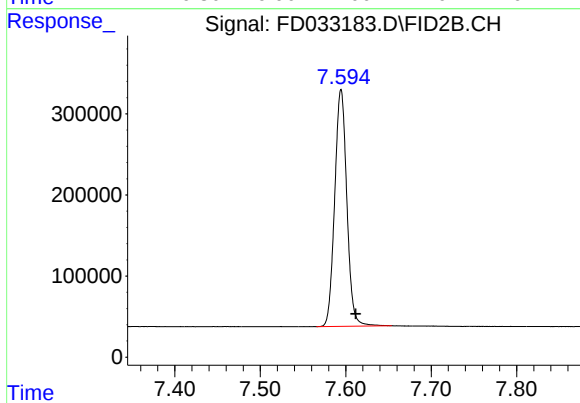
#2 Naphthalene (C11.7)

R.T.: 5.936 min  
Delta R.T.: -0.016 min  
Response: 3265419  
Conc: 20.01 ug/ml



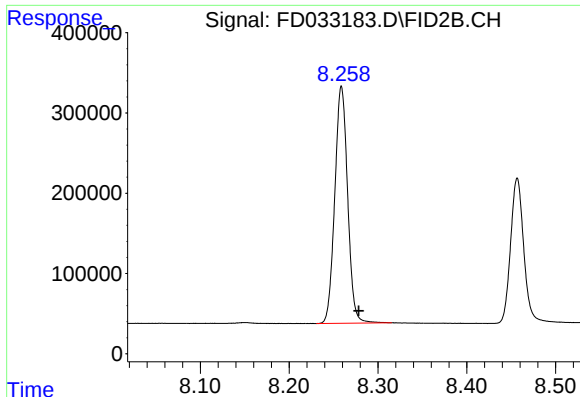
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.986 min  
Delta R.T.: -0.018 min  
Response: 3179192  
Conc: 19.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.595 min  
Delta R.T.: -0.017 min  
Response: 2880642  
Conc: 19.63 ug/ml



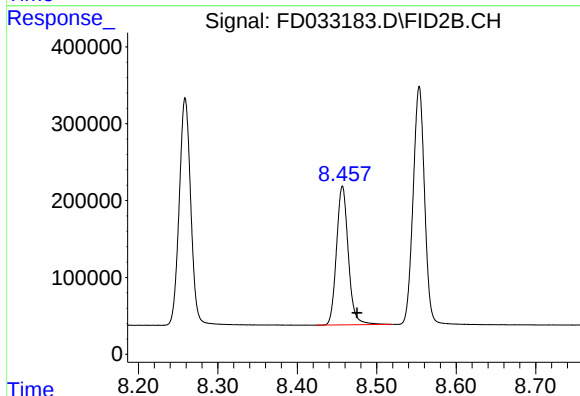
#5 Acenaphthylene (C15.06)

R.T.: 8.259 min  
Delta R.T.: -0.020 min  
Response: 2960467  
Conc: 19.14 ug/ml

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20 PPM AROMATIC HC STD

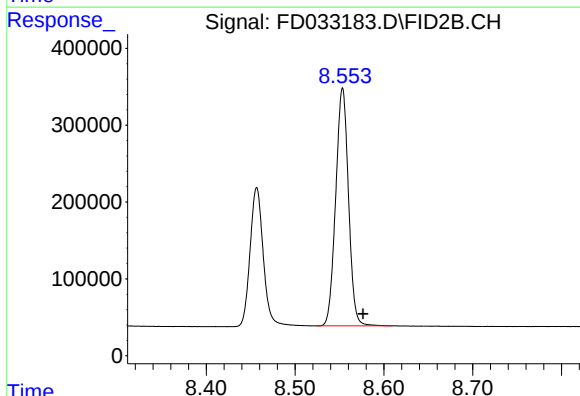
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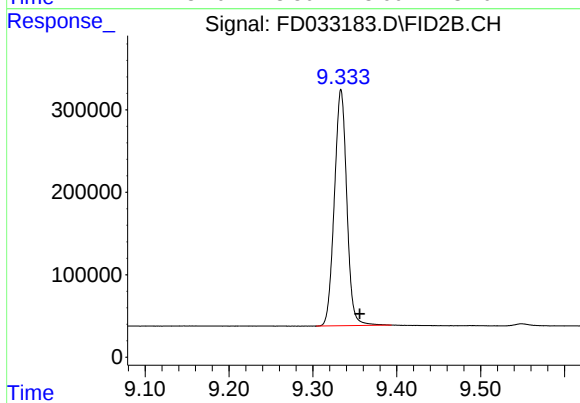
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min  
Delta R.T.: -0.018 min  
Response: 1865181  
Conc: 19.12 ug/ml



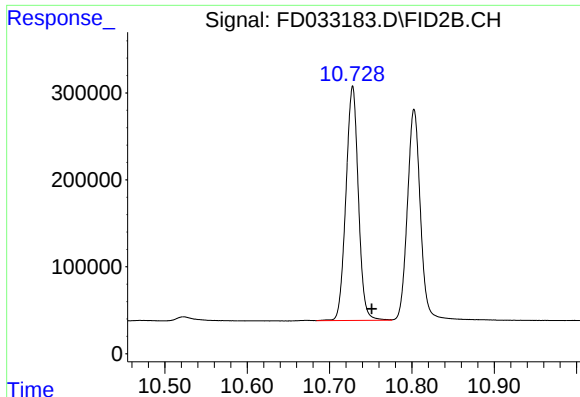
#7 Acenaphthene (C15.5)

R.T.: 8.554 min  
Delta R.T.: -0.023 min  
Response: 3097514  
Conc: 19.25 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min  
Delta R.T.: -0.022 min  
Response: 2950374  
Conc: 18.98 ug/ml



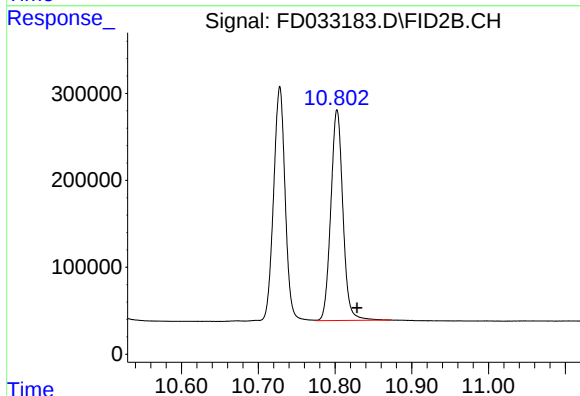
#9 Phenanthrene (C19.36)

R.T.: 10.728 min  
Delta R.T.: -0.023 min  
Response: 2823034  
Conc: 18.02 ug/ml

Instrument :  
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20 PPM AROMATIC HC STD

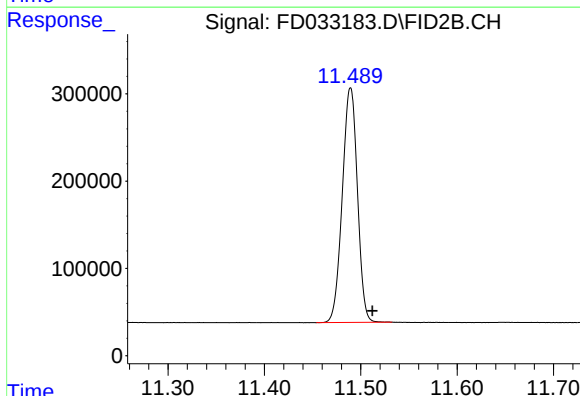
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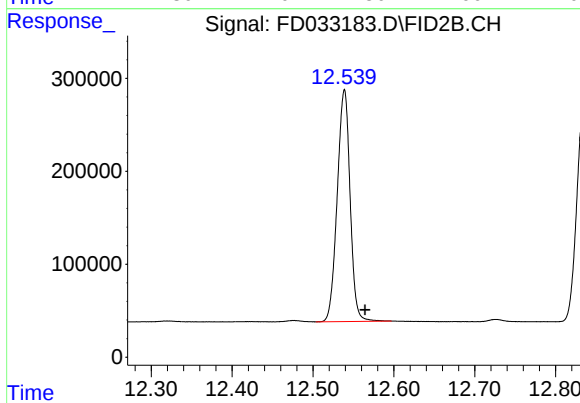
#10 Anthracene (C19.43)

R.T.: 10.803 min  
Delta R.T.: -0.026 min  
Response: 2649555  
Conc: 17.40 ug/ml



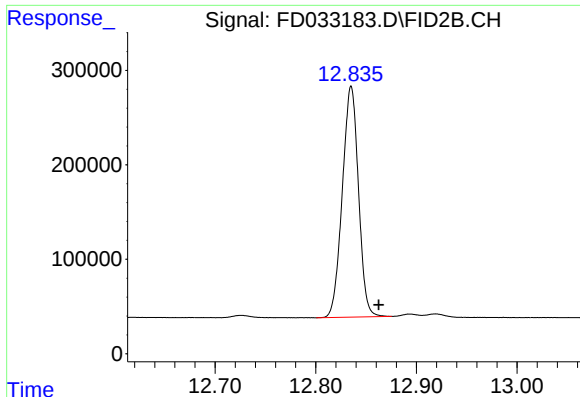
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min  
Delta R.T.: -0.023 min  
Response: 2920587  
Conc: 18.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.539 min  
Delta R.T.: -0.026 min  
Response: 2757378  
Conc: 17.50 ug/ml



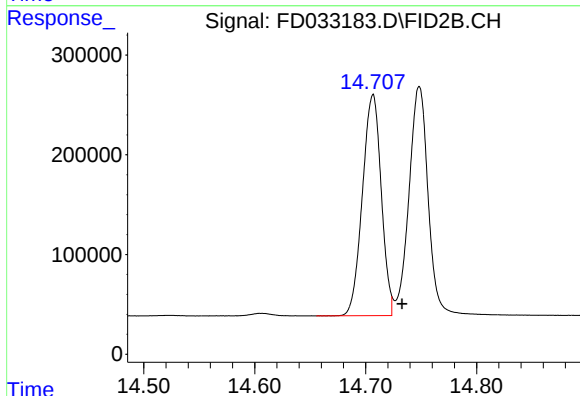
#13 Pyrene (C20.8)

R.T.: 12.835 min  
Delta R.T.: -0.027 min  
Response: 2727397  
Conc: 17.47 ug/ml

Instrument :  
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20 PPM AROMATIC HC STD

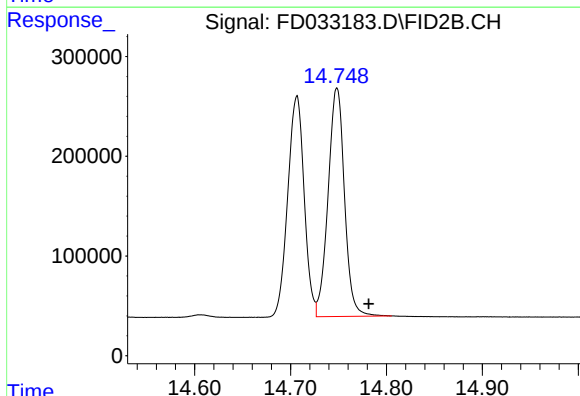
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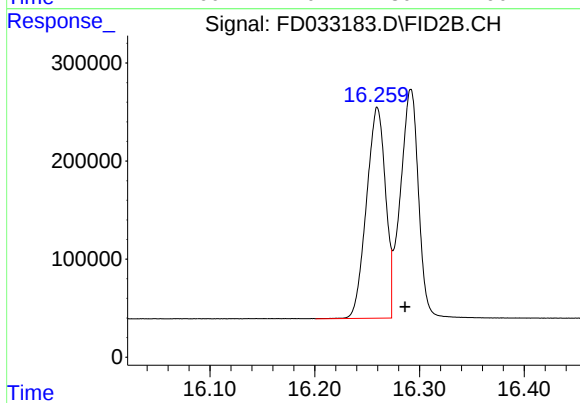
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.707 min  
Delta R.T.: -0.026 min  
Response: 2613118  
Conc: 18.36 ug/ml m



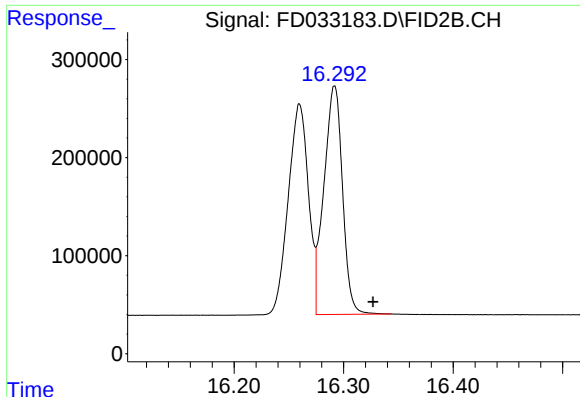
#15 Chrysene (C27.41)

R.T.: 14.748 min  
Delta R.T.: -0.033 min  
Response: 2721531  
Conc: 18.44 ug/ml



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

R.T.: 16.259 min  
Delta R.T.: -0.027 min  
Response: 2706734  
Conc: 19.83 ug/ml m



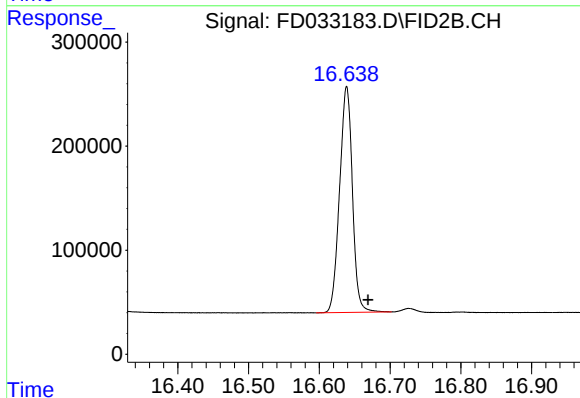
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.292 min  
Delta R.T.: -0.035 min  
Response: 2754696  
Conc: 20.01 ug/ml

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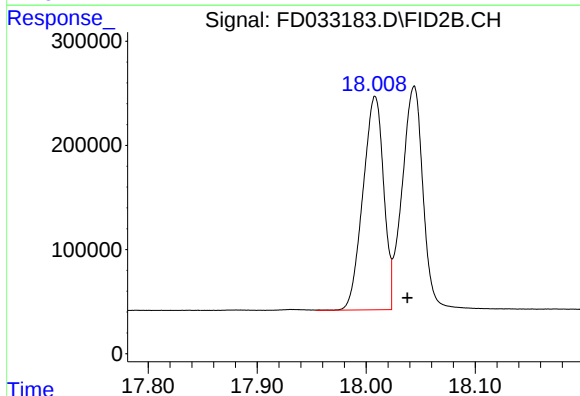
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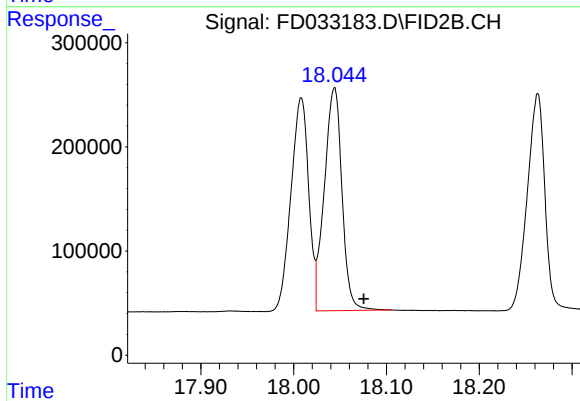
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.639 min  
Delta R.T.: -0.030 min  
Response: 2733508  
Conc: 20.63 ug/ml



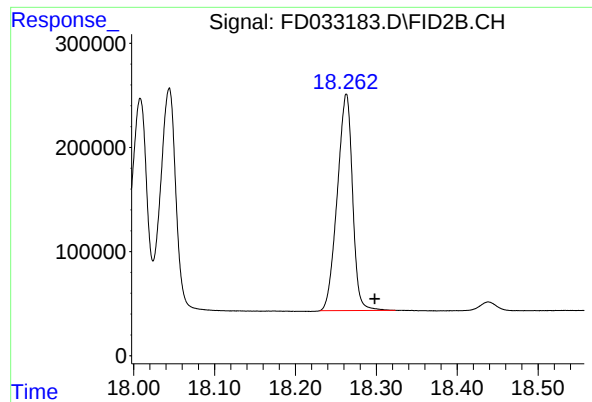
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.008 min  
Delta R.T.: -0.030 min  
Response: 2708276  
Conc: 22.44 ug/ml m



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

R.T.: 18.044 min  
Delta R.T.: -0.032 min  
Response: 2827548  
Conc: 22.57 ug/ml



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

R.T.: 18.263 min  
Delta R.T.: -0.035 min  
Response: 2724761  
Conc: 22.51 ug/ml

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