

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD121720AR\  
 Data File : FD035810.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Dec 2020 14:23  
 Operator : DD\AJ  
 Sample : PB133637BSD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB133637BSD

Manual Integrations  
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 12/18/2020 10:43:37 AM

Integration File: autoint1.e  
 Quant Time: Dec 18 00:25:17 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112720.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 30 09:48:30 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...      | 7.590  | 5107360    | 40.075 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 80.15%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.456  | 2395122    | 27.624 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 55.25%        |
| 11) S ortho-Terphenyl (SURR)       | 11.489 | 4511164    | 30.482 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 60.96%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.389  | 2971333    | 20.518 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.928  | 3563870    | 23.696 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.980  | 3812005    | 25.263 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.255  | 4213979    | 28.790 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.550  | 4176939    | 27.590 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.333  | 4192763    | 29.210 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.730 | 4315533    | 30.347 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.807 | 4387801    | 30.671 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.544 | 4314861    | 30.948 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.841 | 4239395    | 31.303 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.716 | 4017599    | 34.547 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.759 | 4793233    | 37.496 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.273 | 4172492    | 38.573 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.304 | 4226557    | 38.089 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.652 | 4169309    | 42.282 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.023 | 3956556    | 40.904 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.055 | 4374646    | 42.405 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.277 | 4166534    | 42.077 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ  
Sample : PB133637BSD  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

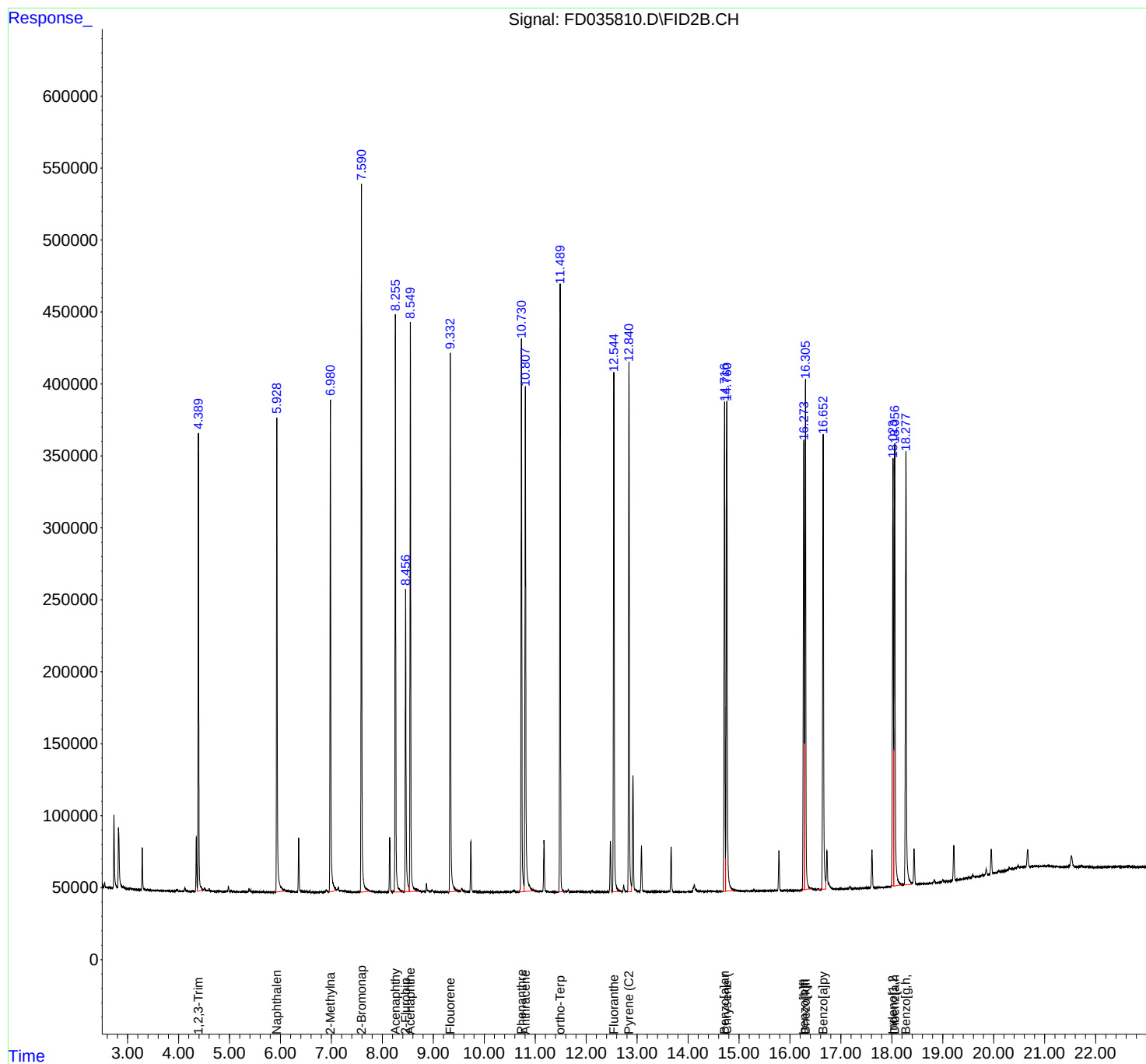
Instrument :  
FID\_D  
ClientSampleId :  
PB133637BSD

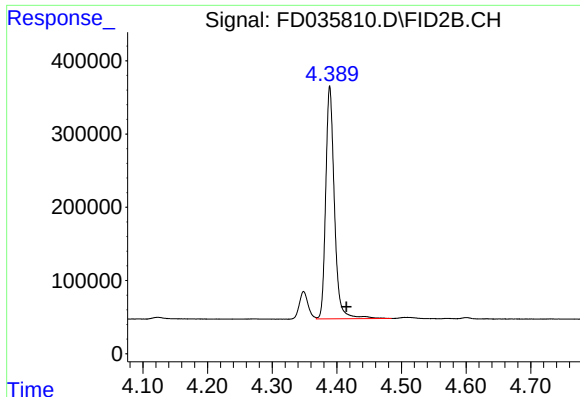
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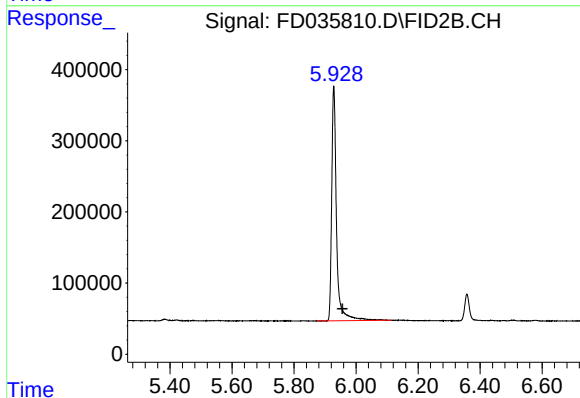
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.389 min  
Delta R.T.: -0.026 min  
Response: 2971333  
Conc: 20.52 ug/ml

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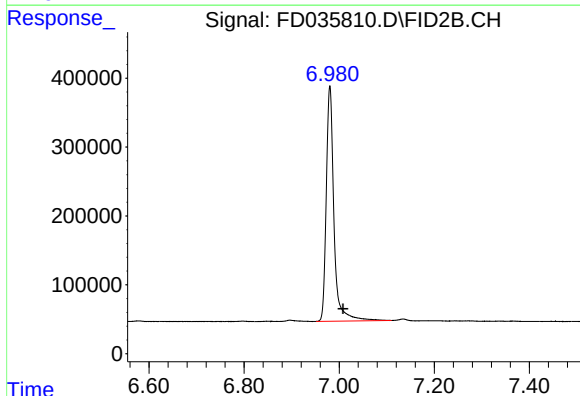
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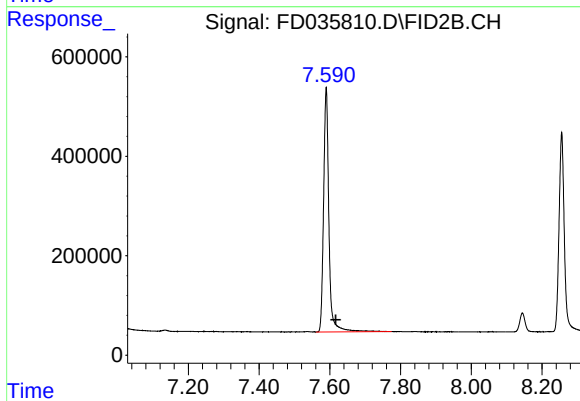
#2 Naphthalene (C11.7)

R.T.: 5.928 min  
Delta R.T.: -0.027 min  
Response: 3563870  
Conc: 23.70 ug/ml



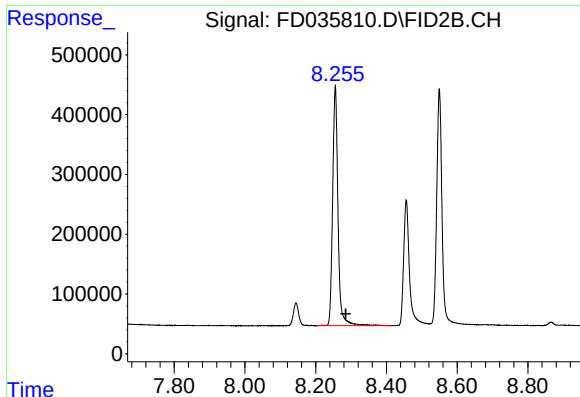
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.980 min  
Delta R.T.: -0.028 min  
Response: 3812005  
Conc: 25.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.590 min  
Delta R.T.: -0.027 min  
Response: 5107360  
Conc: 40.08 ug/ml



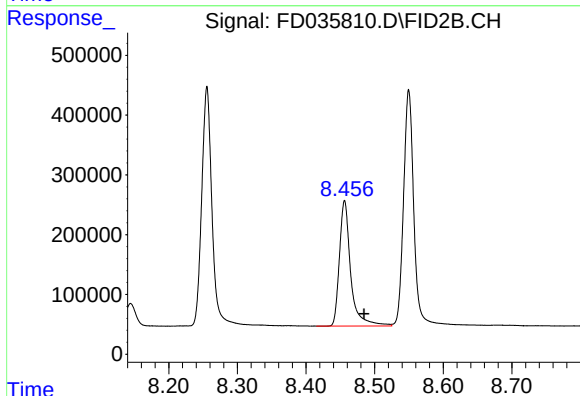
#5 Acenaphthylene (C15.06)

R.T.: 8.255 min  
Delta R.T.: -0.030 min  
Response: 4213979  
Conc: 28.79 ug/ml

Instrument :  
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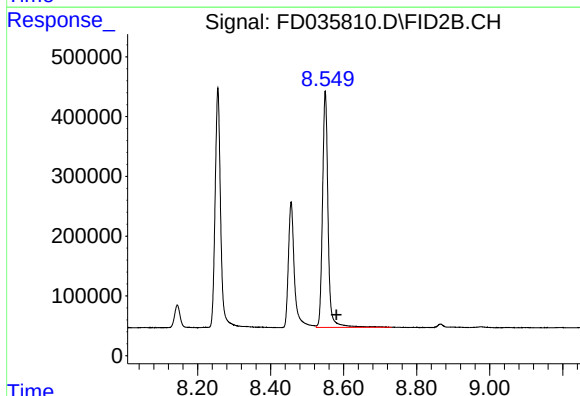
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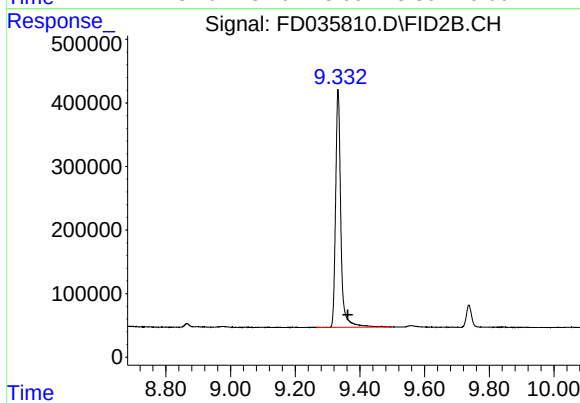
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min  
Delta R.T.: -0.028 min  
Response: 2395122  
Conc: 27.62 ug/ml



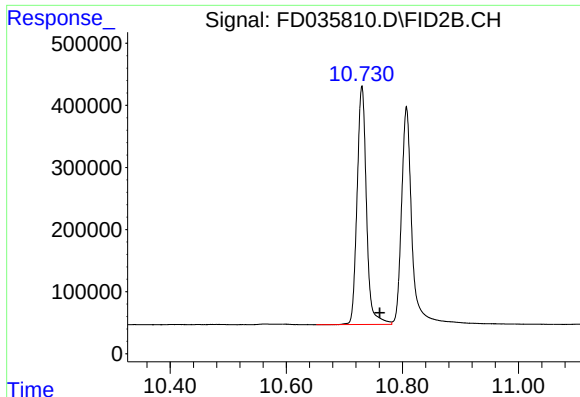
#7 Acenaphthene (C15.5)

R.T.: 8.550 min  
Delta R.T.: -0.030 min  
Response: 4176939  
Conc: 27.59 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.333 min  
Delta R.T.: -0.030 min  
Response: 4192763  
Conc: 29.21 ug/ml



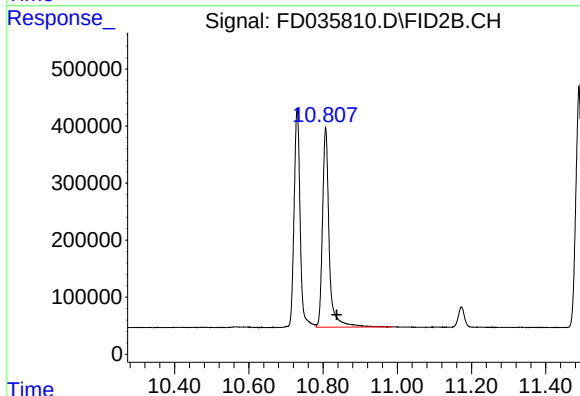
#9 Phenanthrene (C19.36)

R.T.: 10.730 min  
Delta R.T.: -0.031 min  
Response: 4315533  
Conc: 30.35 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB133637BSD

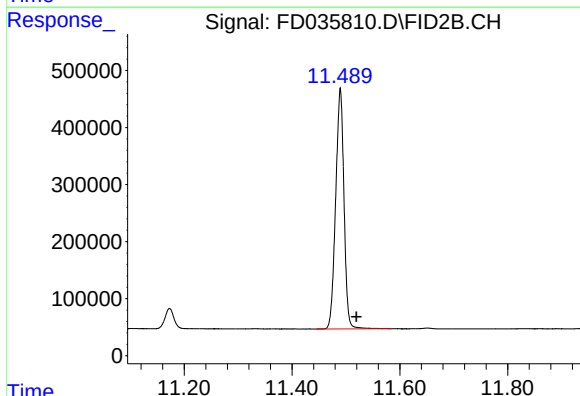
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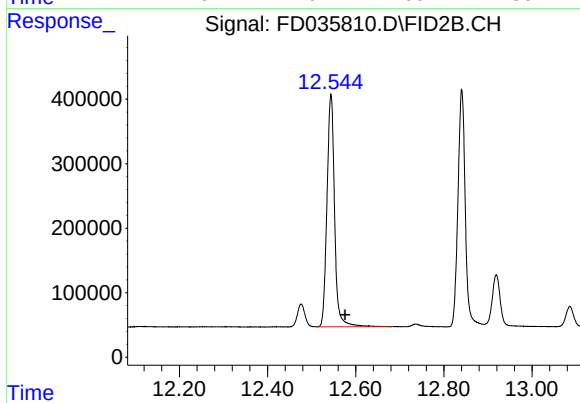
#10 Anthracene (C19.43)

R.T.: 10.807 min  
Delta R.T.: -0.030 min  
Response: 4387801  
Conc: 30.67 ug/ml



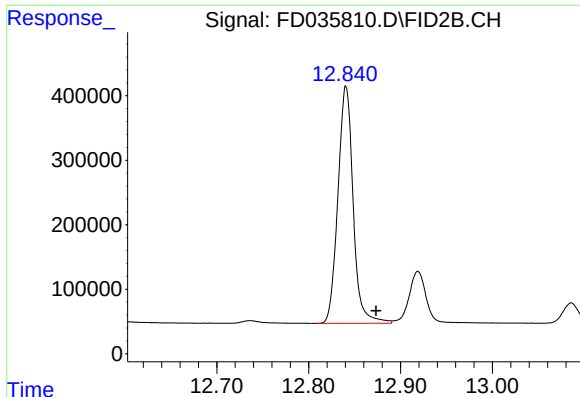
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min  
Delta R.T.: -0.030 min  
Response: 4511164  
Conc: 30.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.544 min  
Delta R.T.: -0.032 min  
Response: 4314861  
Conc: 30.95 ug/ml



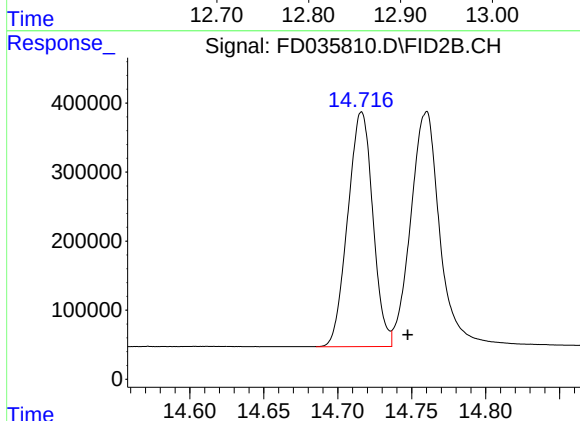
#13 Pyrene (C20.8)

R.T.: 12.841 min  
Delta R.T.: -0.033 min  
Response: 4239395  
Conc: 31.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB133637BSD

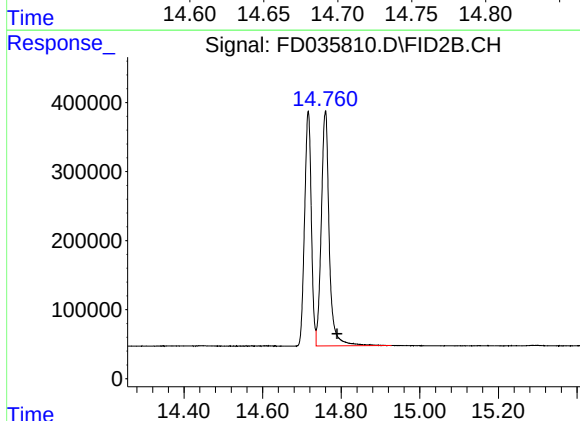
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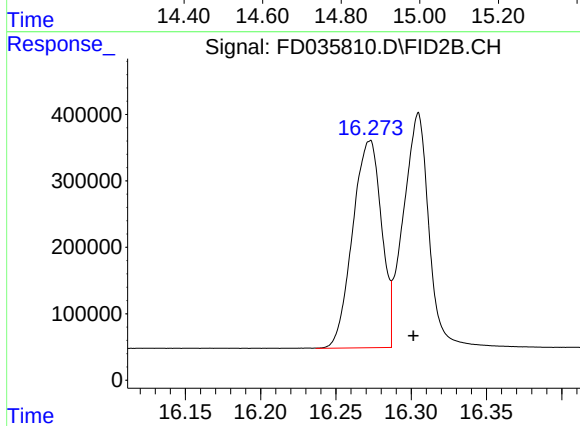
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.716 min  
Delta R.T.: -0.031 min  
Response: 4017599  
Conc: 34.55 ug/ml m



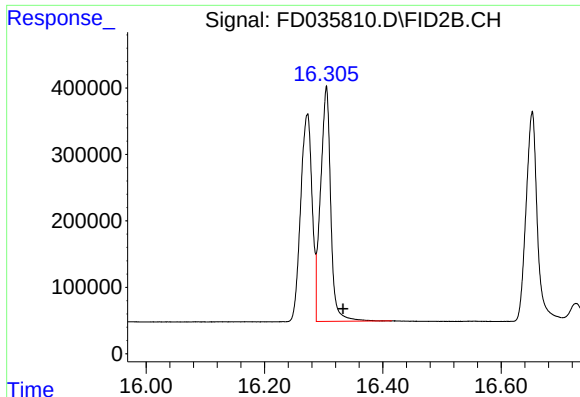
#15 Chrysene (C27.41)

R.T.: 14.759 min  
Delta R.T.: -0.030 min  
Response: 4793233  
Conc: 37.50 ug/ml



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

R.T.: 16.273 min  
Delta R.T.: -0.028 min  
Response: 4172492  
Conc: 38.57 ug/ml m



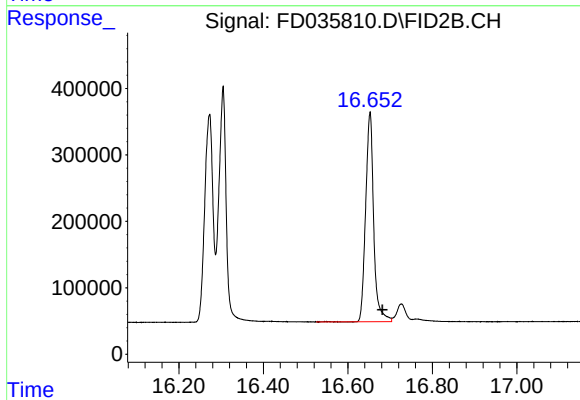
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.304 min  
Delta R.T.: -0.029 min  
Response: 4226557  
Conc: 38.09 ug/ml

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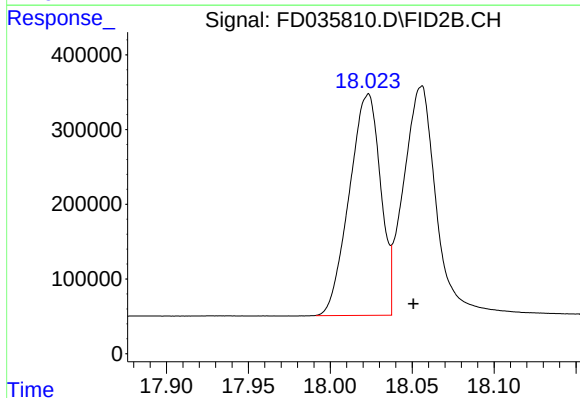
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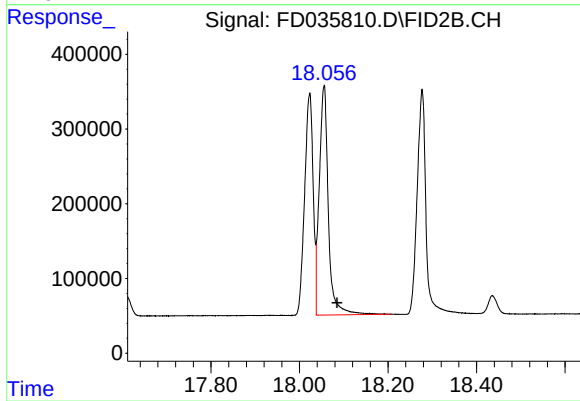
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.652 min  
Delta R.T.: -0.030 min  
Response: 4169309  
Conc: 42.28 ug/ml



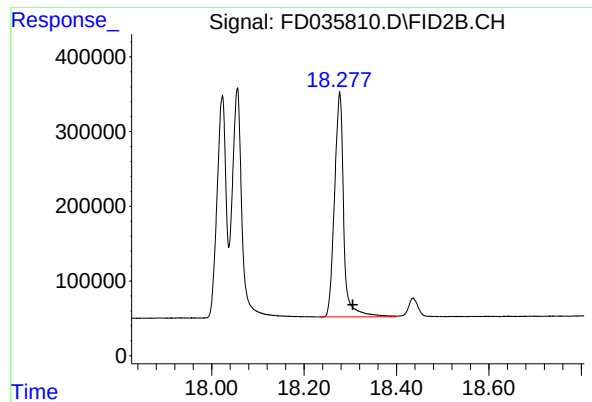
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.023 min  
Delta R.T.: -0.028 min  
Response: 3956556  
Conc: 40.90 ug/ml m



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

R.T.: 18.055 min  
Delta R.T.: -0.030 min  
Response: 4374646  
Conc: 42.40 ug/ml



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

R.T.: 18.277 min  
Delta R.T.: -0.028 min  
Response: 4166534  
Conc: 42.08 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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