

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD073124AR\  
 Data File : FD048092.D  
 Signal(s) : FID2B.ch  
 Acq On : 31 Jul 2024 11:01  
 Operator : YP/AJ  
 Sample : P3390-01  
 Misc : 2.5PPM SOIL LOD  
 ALS Vial : 62 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2024

Integration File: autoint1.e  
 Quant Time: Aug 01 04:49:05 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 13:13:15 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

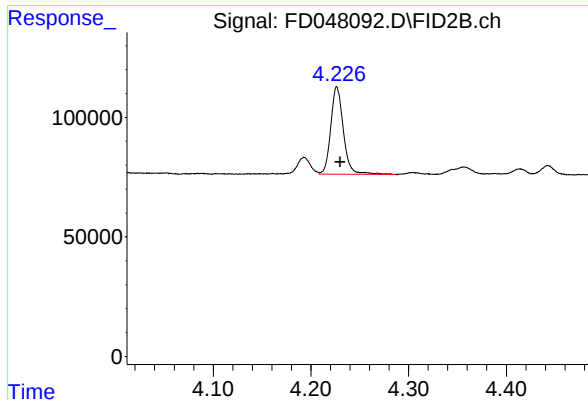
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 7.407  | 8007870    | 53.880 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 107.76%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.256  | 4947994    | 52.282 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 104.56%      |
| 11) S ortho-Terphenyl (SURR)       | 11.296 | 7920156    | 47.336 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 94.67%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.227  | 328104     | 1.959 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.748  | 351876     | 2.036 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.794  | 396829     | 2.288 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.059  | 378143     | 2.207 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.352  | 440136     | 2.537 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.134  | 417424     | 2.570 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.521 | 374097     | 2.356 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.597 | 388371     | 2.460 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.326 | 372167     | 2.351 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.619 | 380702     | 2.408 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.491 | 296936     | 2.175 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.530 | 364965     | 2.264 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.035 | 317465     | 2.206 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.067 | 365431     | 2.447 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.417 | 301223     | 2.127 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.782 | 260350     | 2.308 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.826 | 414442     | 2.852 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.027 | 376561     | 2.555 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

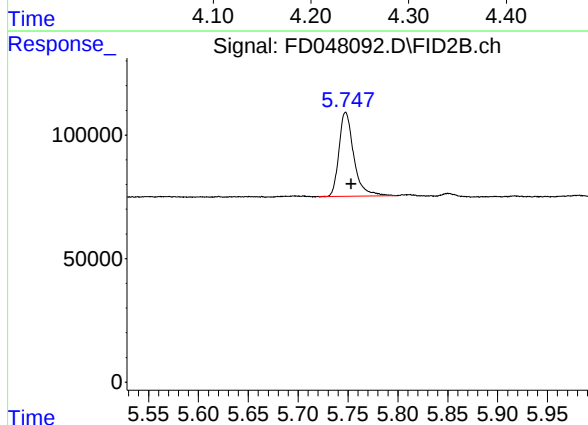




#1 1,2,3-Trimethylbenzene (C10.1)

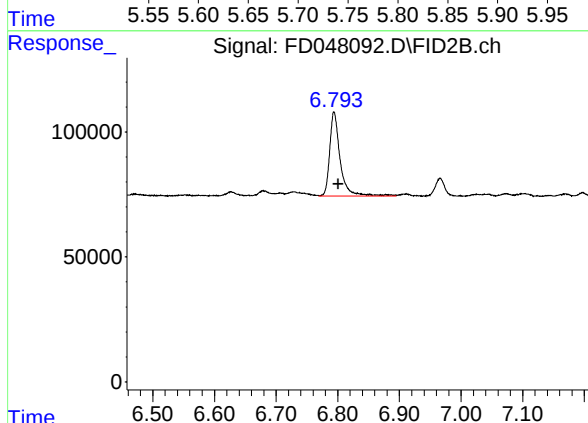
R.T.: 4.227 min  
Delta R.T.: -0.003 min  
Response: 328104  
Conc: 1.96 ug/ml

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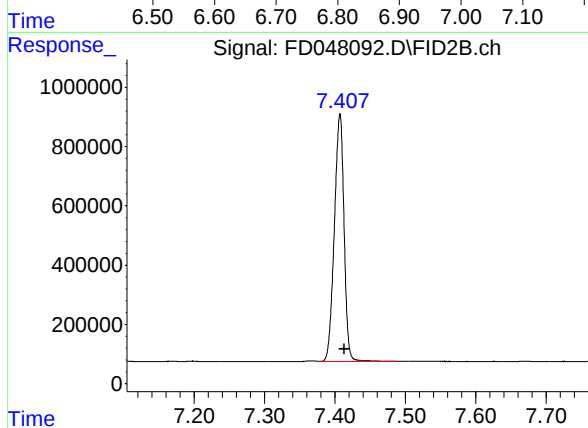
#2 Naphthalene (C11.7)

R.T.: 5.748 min  
Delta R.T.: -0.005 min  
Response: 351876  
Conc: 2.04 ug/ml



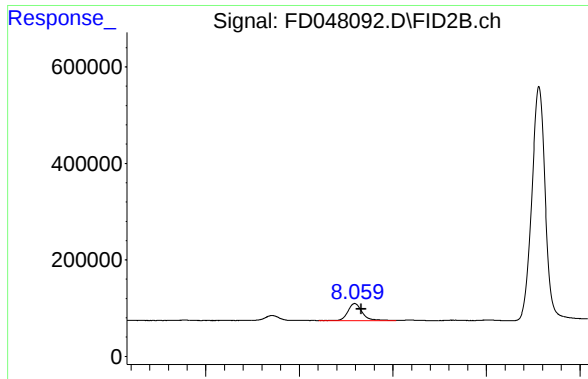
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.794 min  
Delta R.T.: -0.006 min  
Response: 396829  
Conc: 2.29 ug/ml



#4 2-Bromonaphthalene (SURR)

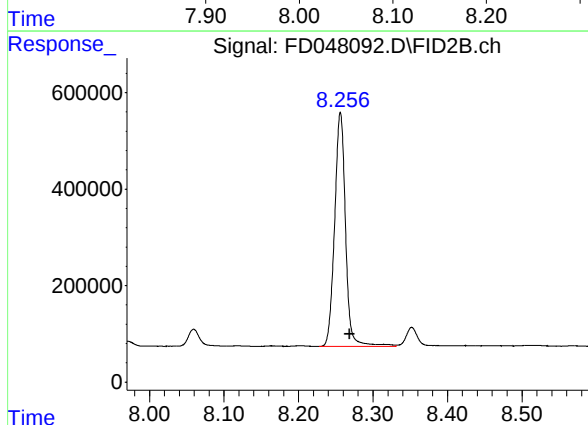
R.T.: 7.407 min  
Delta R.T.: -0.007 min  
Response: 8007870  
Conc: 53.88 ug/ml



#5 Acenaphthylene (C15.06)

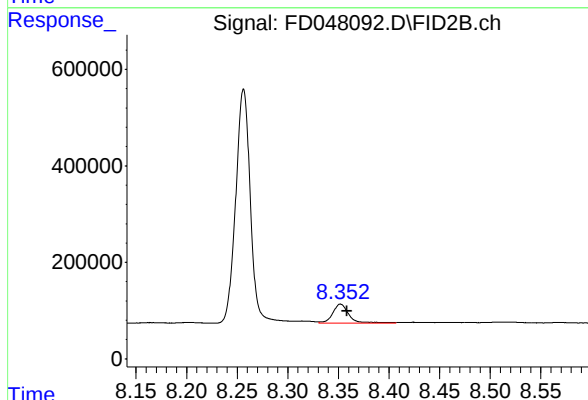
R.T.: 8.059 min  
Delta R.T.: -0.007 min  
Response: 378143  
Conc: 2.21 ug/ml

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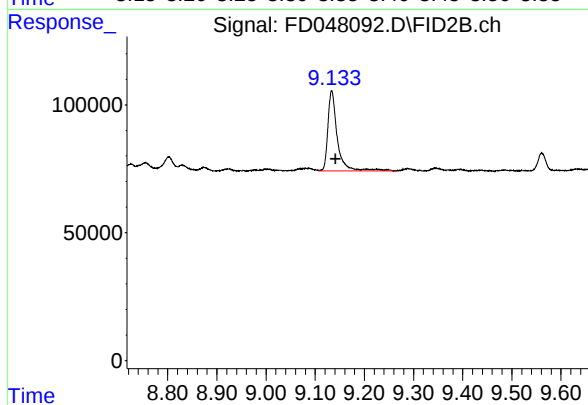
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.256 min  
Delta R.T.: -0.013 min  
Response: 4947994  
Conc: 52.28 ug/ml



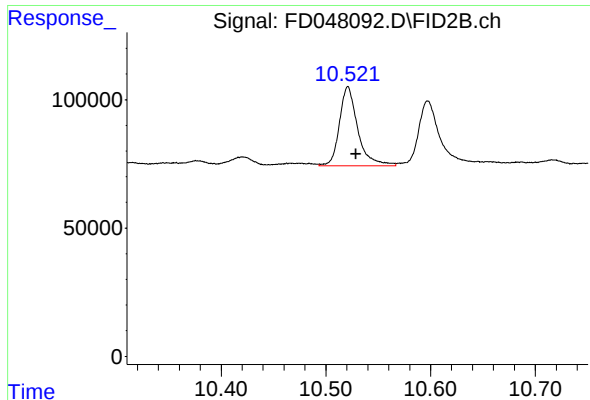
#7 Acenaphthene (C15.5)

R.T.: 8.352 min  
Delta R.T.: -0.006 min  
Response: 440136  
Conc: 2.54 ug/ml



#8 Flouorene (C16.55)

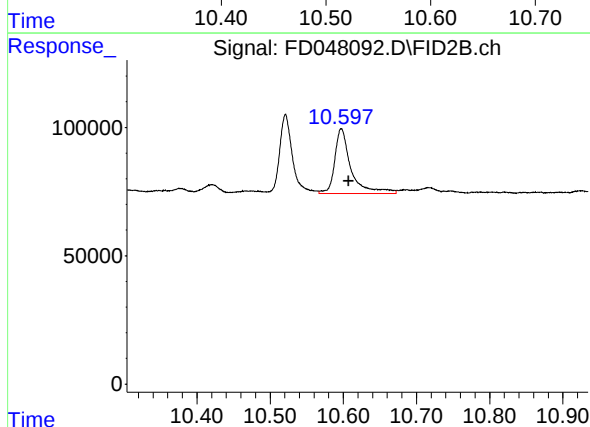
R.T.: 9.134 min  
Delta R.T.: -0.008 min  
Response: 417424  
Conc: 2.57 ug/ml



#9 Phenanthrene (C19.36)

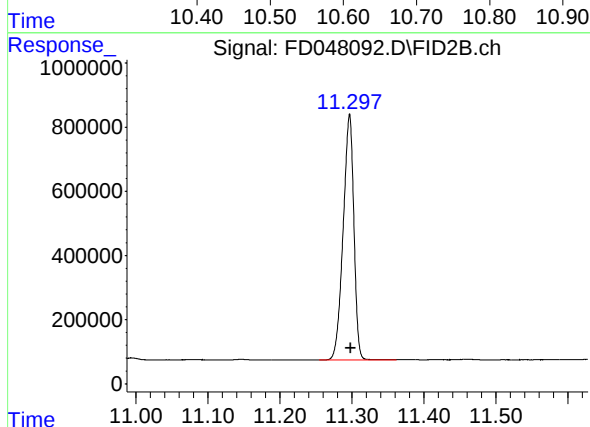
R.T.: 10.521 min  
Delta R.T.: -0.008 min  
Response: 374097  
Conc: 2.36 ug/ml

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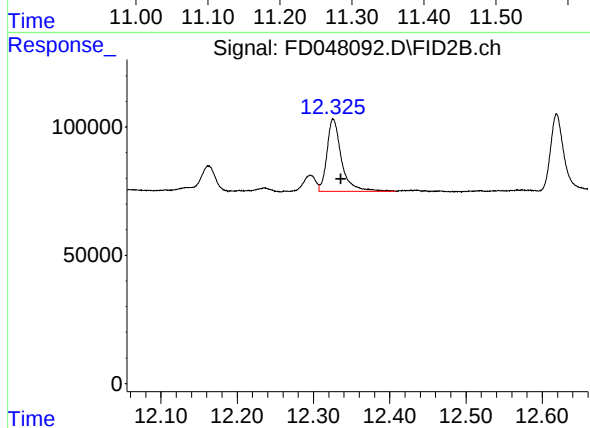
#10 Anthracene (C19.43)

R.T.: 10.597 min  
Delta R.T.: -0.010 min  
Response: 388371  
Conc: 2.46 ug/ml



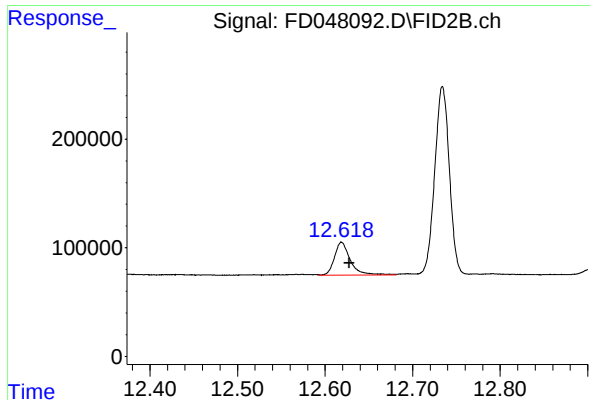
#11 ortho-Terphenyl (SURRE)

R.T.: 11.296 min  
Delta R.T.: -0.002 min  
Response: 7920156  
Conc: 47.34 ug/ml



#12 Fluoranthene (C21.85)

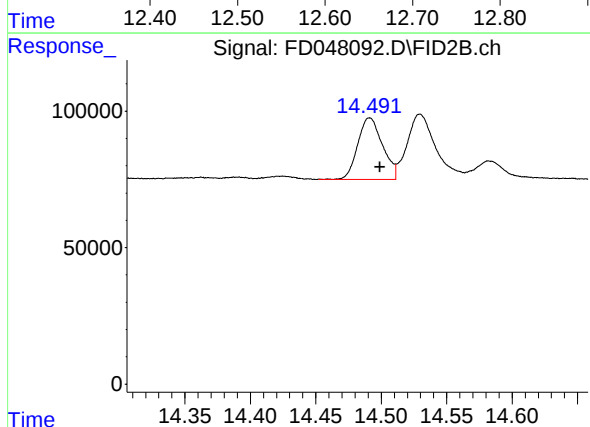
R.T.: 12.326 min  
Delta R.T.: -0.010 min  
Response: 372167  
Conc: 2.35 ug/ml



#13 Pyrene (C20.8)

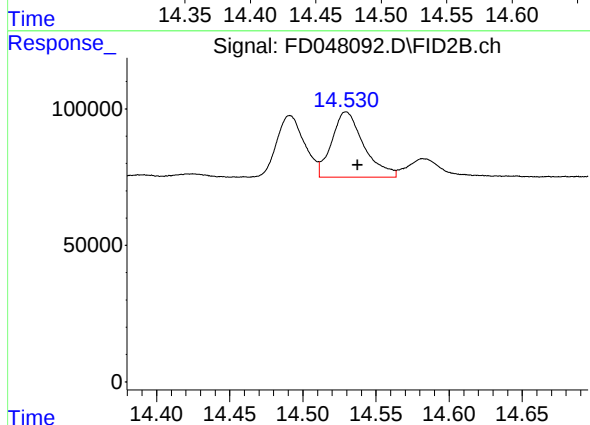
R.T.: 12.619 min  
Delta R.T.: -0.009 min  
Response: 380702  
Conc: 2.41 ug/ml

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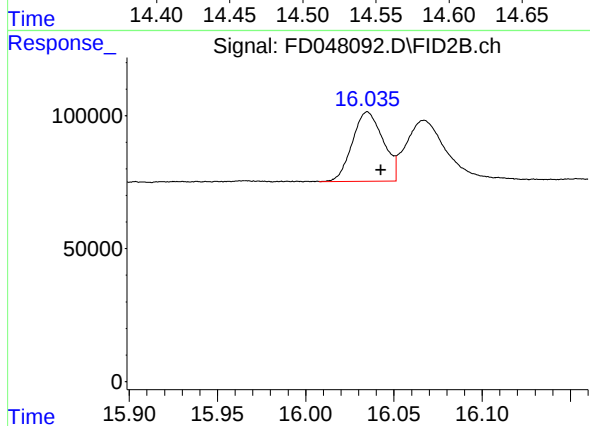
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.491 min  
Delta R.T.: -0.008 min  
Response: 296936  
Conc: 2.17 ug/ml



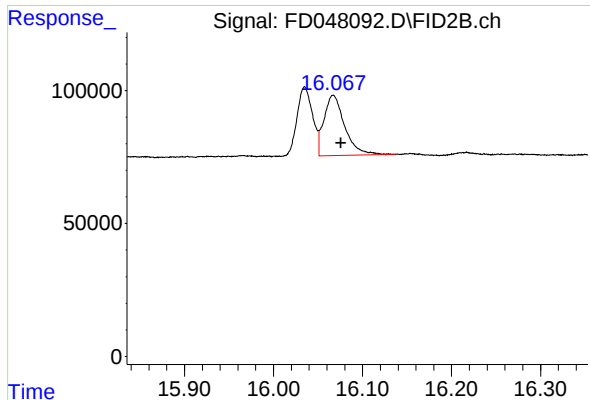
#15 Chrysene (C27.41)

R.T.: 14.530 min  
Delta R.T.: -0.008 min  
Response: 364965  
Conc: 2.26 ug/ml



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

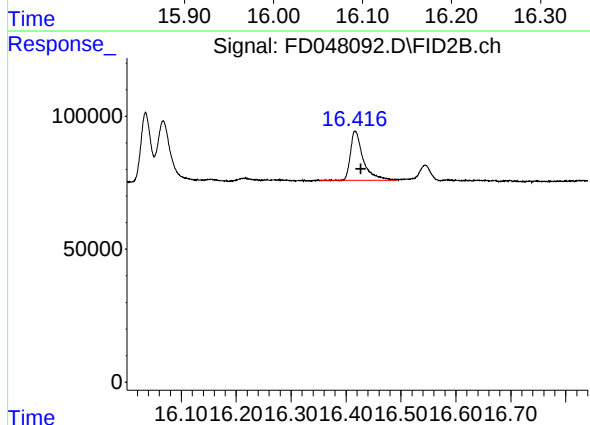
R.T.: 16.035 min  
Delta R.T.: -0.007 min  
Response: 317465  
Conc: 2.21 ug/ml



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

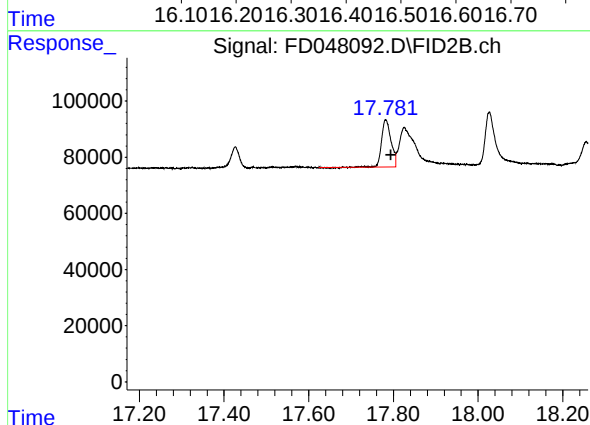
R.T.: 16.067 min  
Delta R.T.: -0.009 min  
Response: 365431  
Conc: 2.45 ug/ml

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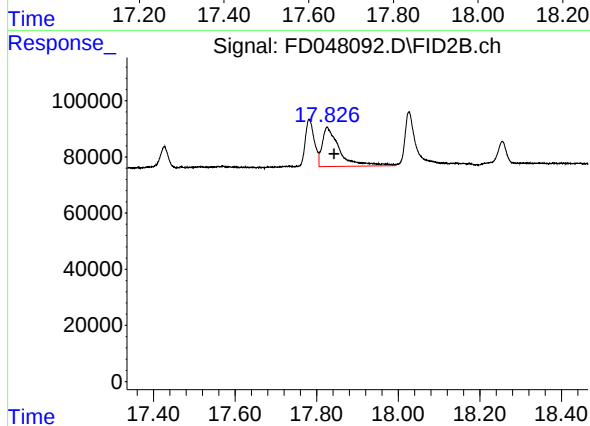
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.417 min  
Delta R.T.: -0.010 min  
Response: 301223  
Conc: 2.13 ug/ml



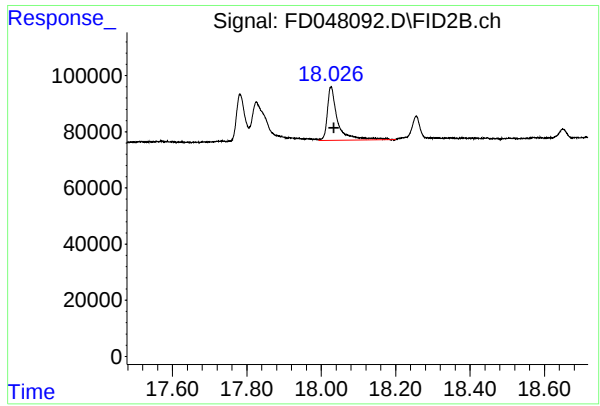
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.782 min  
Delta R.T.: -0.012 min  
Response: 260350  
Conc: 2.31 ug/ml



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

R.T.: 17.826 min  
Delta R.T.: -0.018 min  
Response: 414442  
Conc: 2.85 ug/ml



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

R.T.: 18.027 min  
Delta R.T.: -0.008 min  
Response: 376561  
Conc: 2.56 ug/ml

Instrument :

FID\_D

ClientSampleId :

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