

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102822AR\  
 Data File : FD044304.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Oct 2022 17:24  
 Operator : YP/AJ  
 Sample : N5219-01MSD  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 BACKYARD-SURFACE-AMSD

Integration File: autoint1.e  
 Quant Time: Oct 29 06:42:33 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101322.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 14 01:33:37 2022  
 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...      | 7.410  | 5248922    | 42.277 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 84.55%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.267  | 3624605    | 48.136 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 96.27%       |
| 11) S ortho-Terphenyl (SURR)       | 11.292 | 4429783    | 26.171 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 52.34%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.223  | 4248844    | 30.102 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.753  | 5165028    | 37.675 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.798  | 5055277    | 35.661 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.066  | 5128623    | 36.559 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.359  | 6130203    | 39.421 ug/ml |
| 8) T Fluorene (C16.55)             | 9.139  | 5524515    | 39.270 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.531 | 5619006    | 41.724 ug/ml |
| 10) T Anthracene (C19.43)          | 10.607 | 5596170    | 41.648 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.336 | 5501499    | 41.194 ug/ml |
| 13) T Pyrene (C20.8)               | 12.630 | 4869492    | 38.552 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.501 | 4721415    | 44.450 ug/ml |
| 15) T Chrysene (C27.41)            | 14.542 | 5751748    | 43.877 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.048 | 4857401    | 43.282 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.079 | 5169269    | 40.630 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.426 | 3868646    | 33.293 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.791 | 4176399    | 39.175 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.824 | 4574867    | 36.979 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.041 | 4710982    | 40.128 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

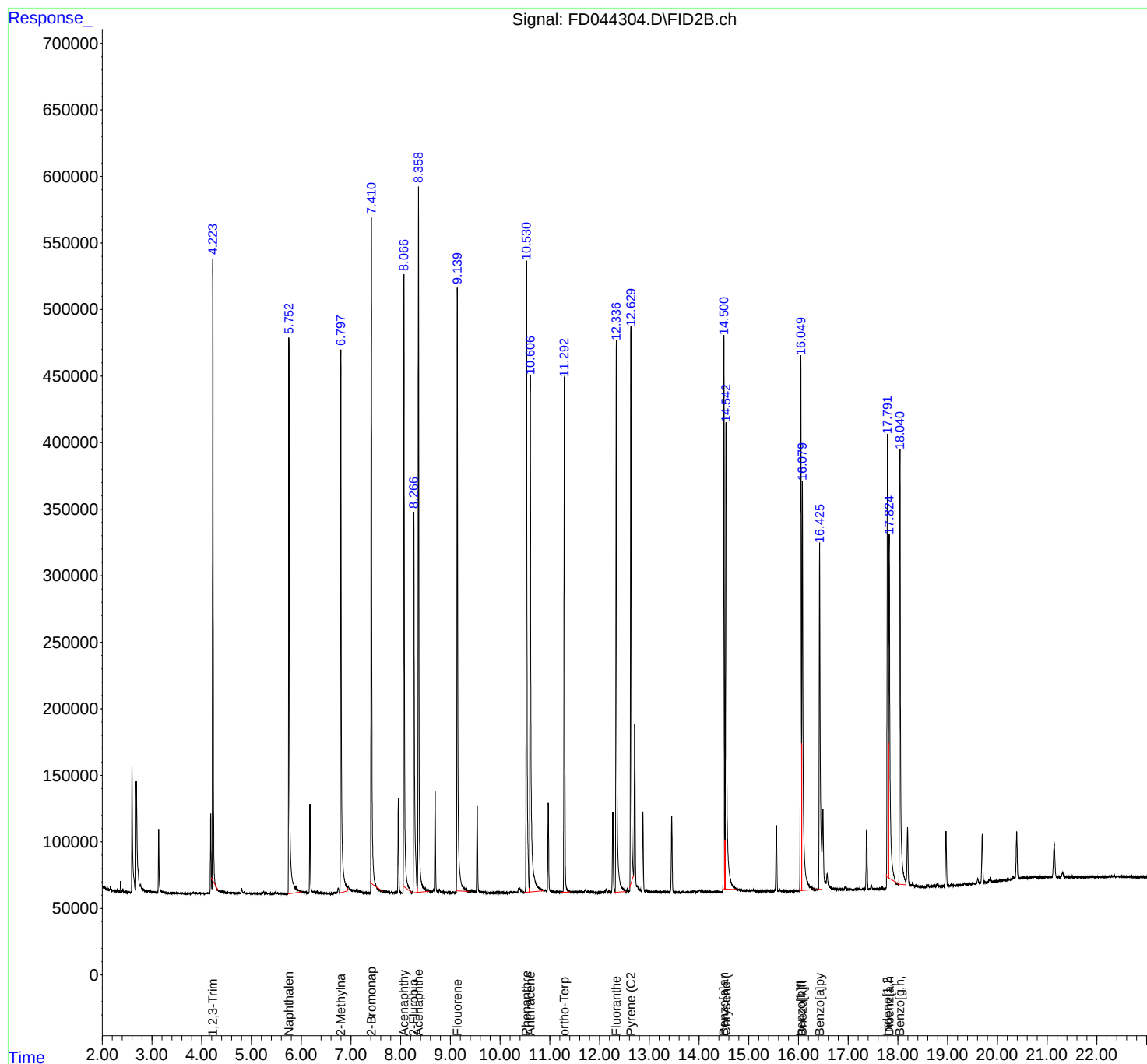
(m)=manual int.

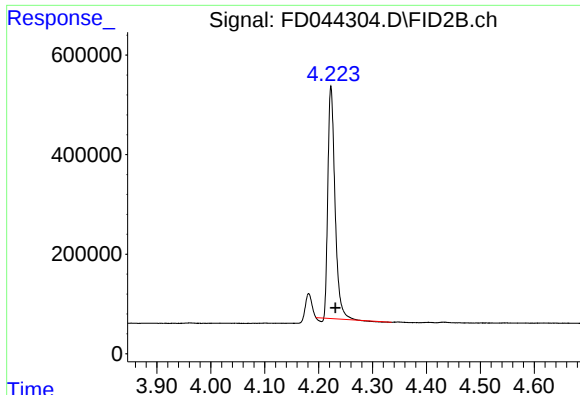
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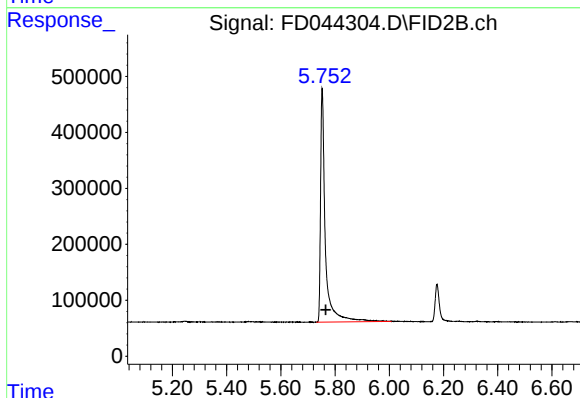




#1 1,2,3-Trimethylbenzene (C10.1)

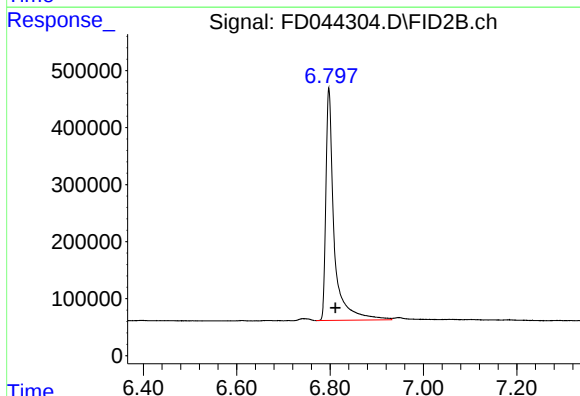
R.T.: 4.223 min  
Delta R.T.: -0.008 min  
Response: 4248844  
Conc: 30.10 ug/ml

Instrument :  
FID\_D  
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BACKYARD-SURFACE-AMSD



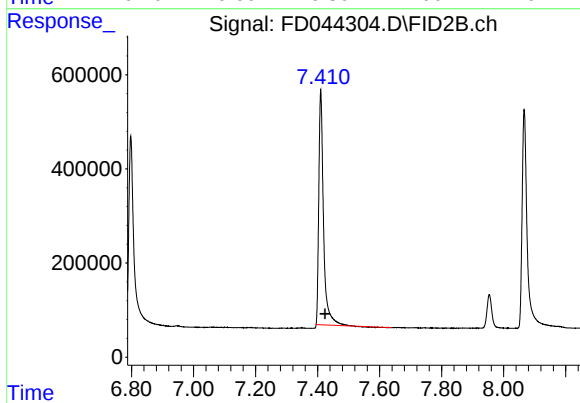
#2 Naphthalene (C11.7)

R.T.: 5.753 min  
Delta R.T.: -0.013 min  
Response: 5165028  
Conc: 37.68 ug/ml



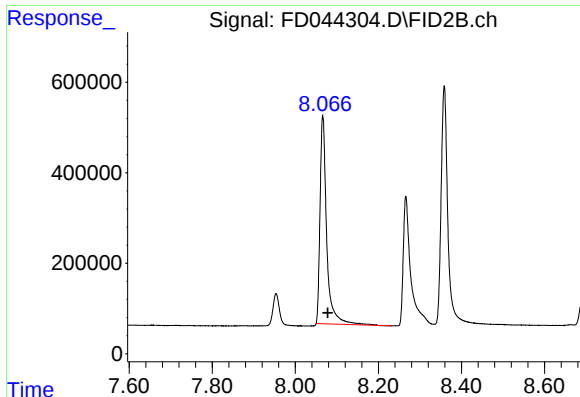
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.798 min  
Delta R.T.: -0.013 min  
Response: 5055277  
Conc: 35.66 ug/ml



#4 2-Bromonaphthalene (SURR)

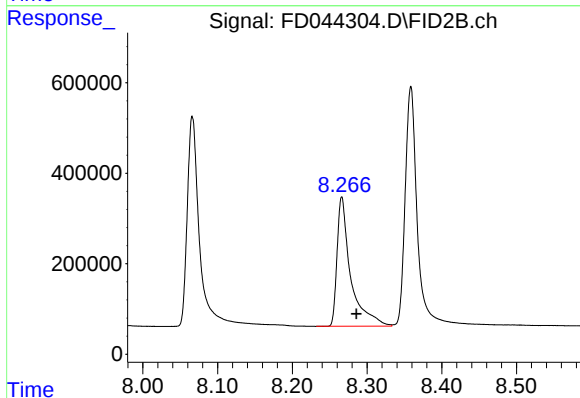
R.T.: 7.410 min  
Delta R.T.: -0.013 min  
Response: 5248922  
Conc: 42.28 ug/ml



#5 Acenaphthylene (C15.06)

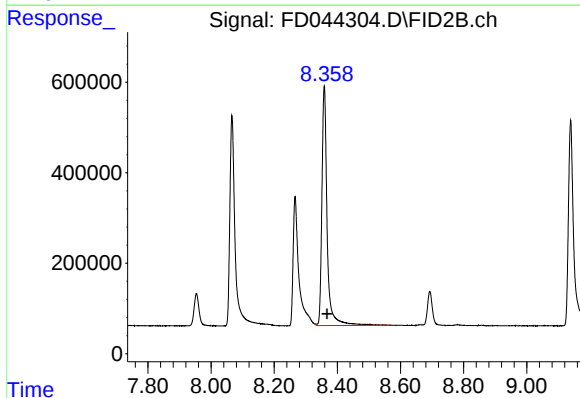
R.T.: 8.066 min  
Delta R.T.: -0.012 min  
Response: 5128623  
Conc: 36.56 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
BACKYARD-SURFACE-AMSD



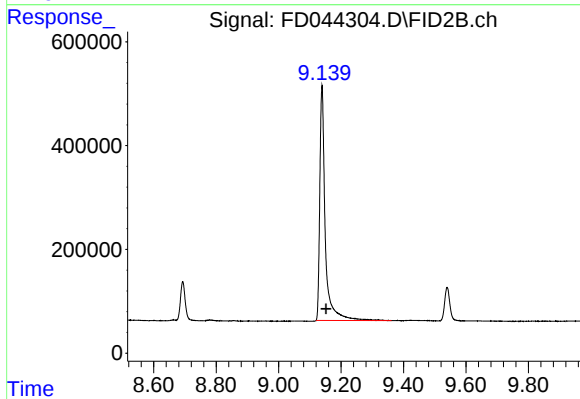
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.267 min  
Delta R.T.: -0.019 min  
Response: 3624605  
Conc: 48.14 ug/ml



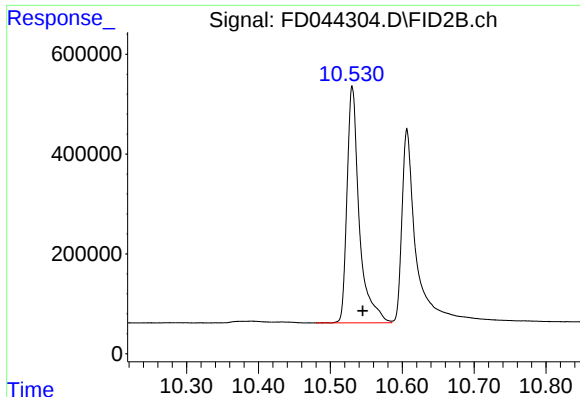
#7 Acenaphthene (C15.5)

R.T.: 8.359 min  
Delta R.T.: -0.009 min  
Response: 6130203  
Conc: 39.42 ug/ml



#8 Fluorene (C16.55)

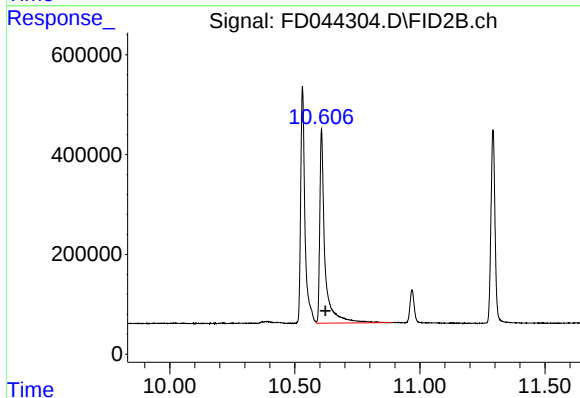
R.T.: 9.139 min  
Delta R.T.: -0.013 min  
Response: 5524515  
Conc: 39.27 ug/ml



#9 Phenanthrene (C19.36)

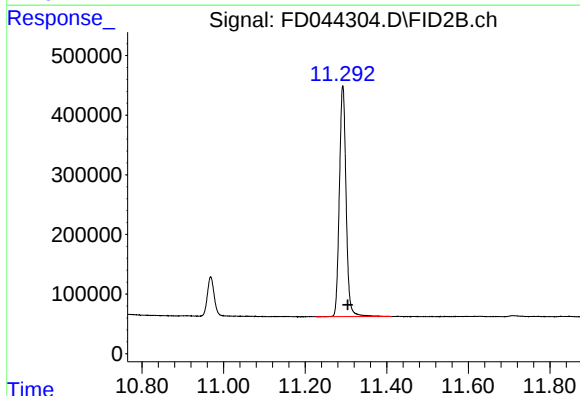
R.T.: 10.531 min  
Delta R.T.: -0.015 min  
Response: 5619006  
Conc: 41.72 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
BACKYARD-SURFACE-AMSD



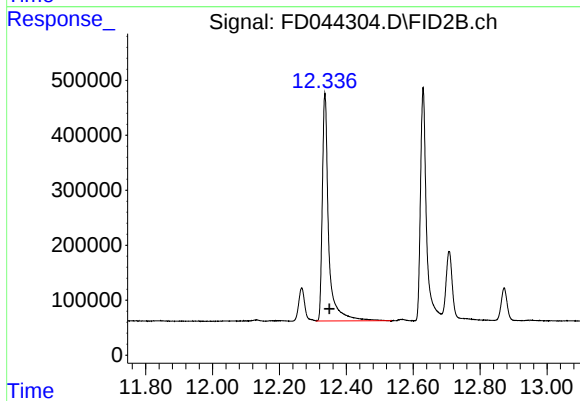
#10 Anthracene (C19.43)

R.T.: 10.607 min  
Delta R.T.: -0.015 min  
Response: 5596170  
Conc: 41.65 ug/ml



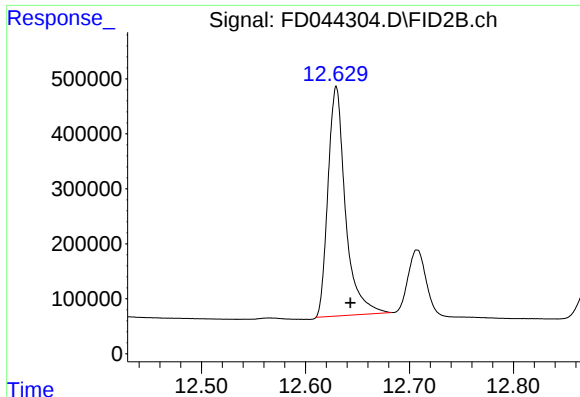
#11 ortho-Terphenyl (SURRE)

R.T.: 11.292 min  
Delta R.T.: -0.012 min  
Response: 4429783  
Conc: 26.17 ug/ml



#12 Fluoranthene (C21.85)

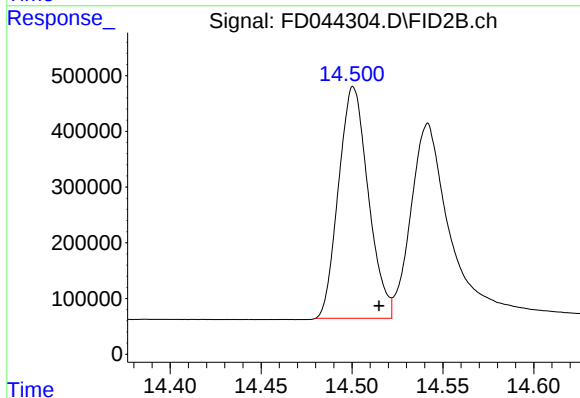
R.T.: 12.336 min  
Delta R.T.: -0.013 min  
Response: 5501499  
Conc: 41.19 ug/ml



#13 Pyrene (C20.8)

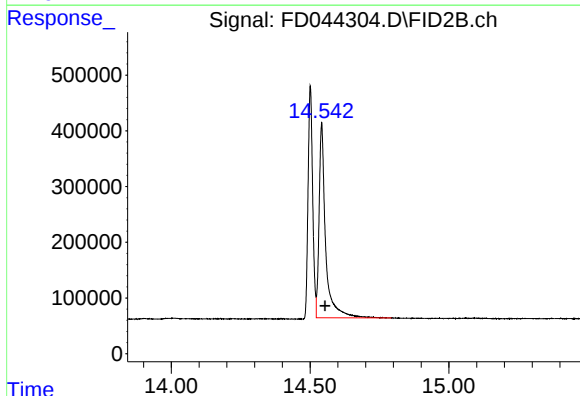
R.T.: 12.630 min  
Delta R.T.: -0.014 min  
Response: 4869492  
Conc: 38.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
BACKYARD-SURFACE-AMSD



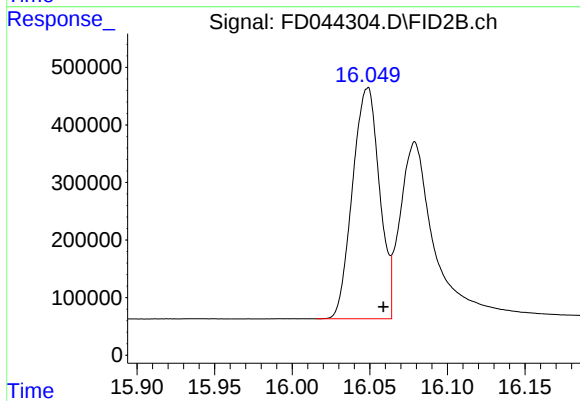
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min  
Delta R.T.: -0.014 min  
Response: 4721415  
Conc: 44.45 ug/ml



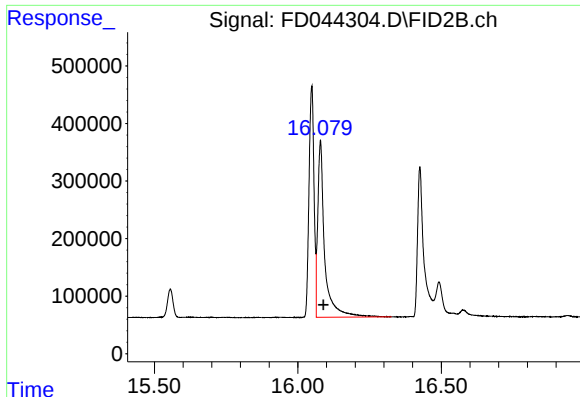
#15 Chrysene (C27.41)

R.T.: 14.542 min  
Delta R.T.: -0.013 min  
Response: 5751748  
Conc: 43.88 ug/ml



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

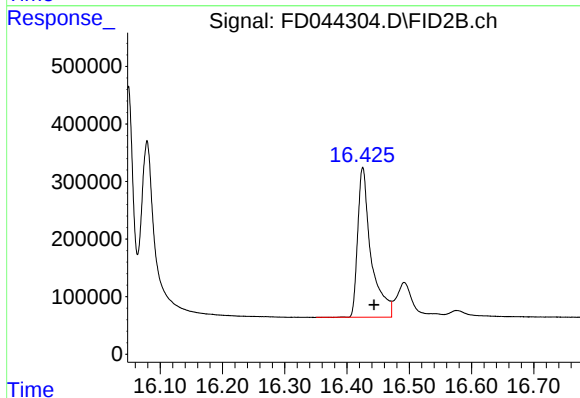
R.T.: 16.048 min  
Delta R.T.: -0.010 min  
Response: 4857401  
Conc: 43.28 ug/ml



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

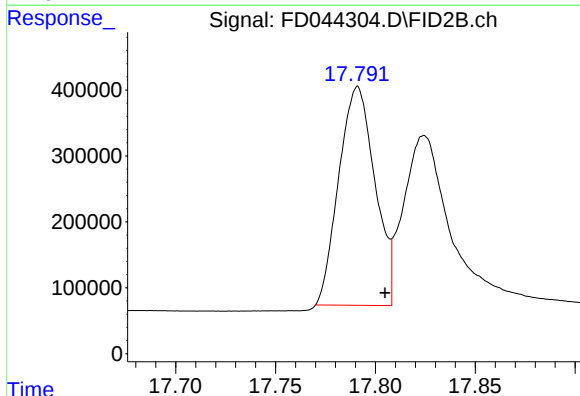
R.T.: 16.079 min  
Delta R.T.: -0.010 min  
Response: 5169269  
Conc: 40.63 ug/ml

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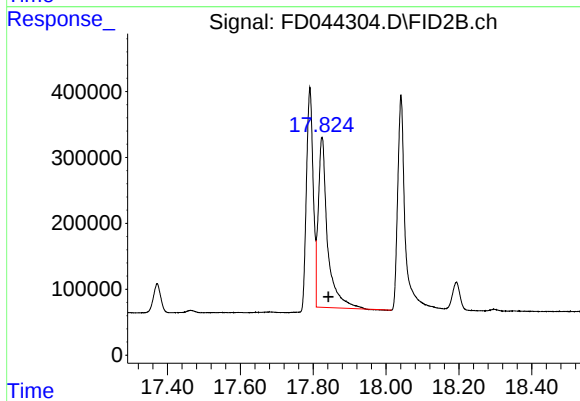
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.426 min  
Delta R.T.: -0.018 min  
Response: 3868646  
Conc: 33.29 ug/ml



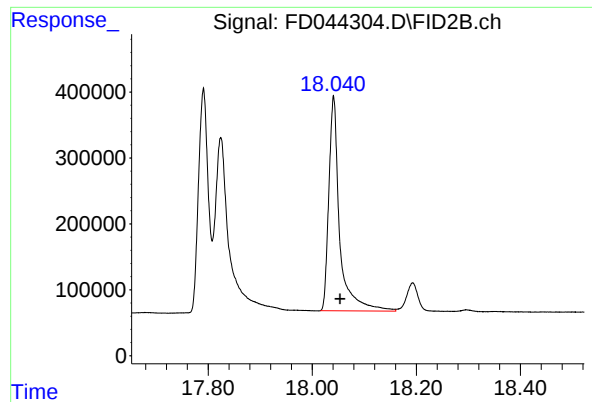
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.791 min  
Delta R.T.: -0.014 min  
Response: 4176399  
Conc: 39.18 ug/ml



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

R.T.: 17.824 min  
Delta R.T.: -0.017 min  
Response: 4574867  
Conc: 36.98 ug/ml



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

R.T.: 18.041 min  
Delta R.T.: -0.013 min  
Response: 4710982  
Conc: 40.13 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
BACKYARD-SURFACE-AMSD