

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080723AR\  
 Data File : FD046283.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Aug 2023 14:50  
 Operator : YP/AJ  
 Sample : 03572-01  
 Misc : LOD 4 PPM  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2023

Integration File: autoint1.e  
 Quant Time: Aug 08 05:45:00 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071923.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 20 03:07:14 2023  
 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...      | 7.502  | 4904058    | 32.808 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 65.62%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.355  | 3113515    | 33.260 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 66.52%       |
| 11) S ortho-Terphenyl (SURR)       | 11.396 | 7927300    | 45.392 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 90.78%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.315  | 606880     | 3.331 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.842  | 596368     | 3.302 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.889  | 576676     | 3.277 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.158  | 505123     | 3.311 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.452  | 551142     | 3.380 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.231  | 494476     | 3.250 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.619 | 479265     | 3.328 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.693 | 424529     | 3.244 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.421 | 492049     | 3.521 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.715 | 496945     | 3.586 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.578 | 394321     | 3.004 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.620 | 548856     | 3.893 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.118 | 402833     | 2.945 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.149 | 426898     | 3.114 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.495 | 362745     | 2.786 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.851 | 282383     | 2.348 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.894 | 321349     | 2.513 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.100 | 317348     | 2.501 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

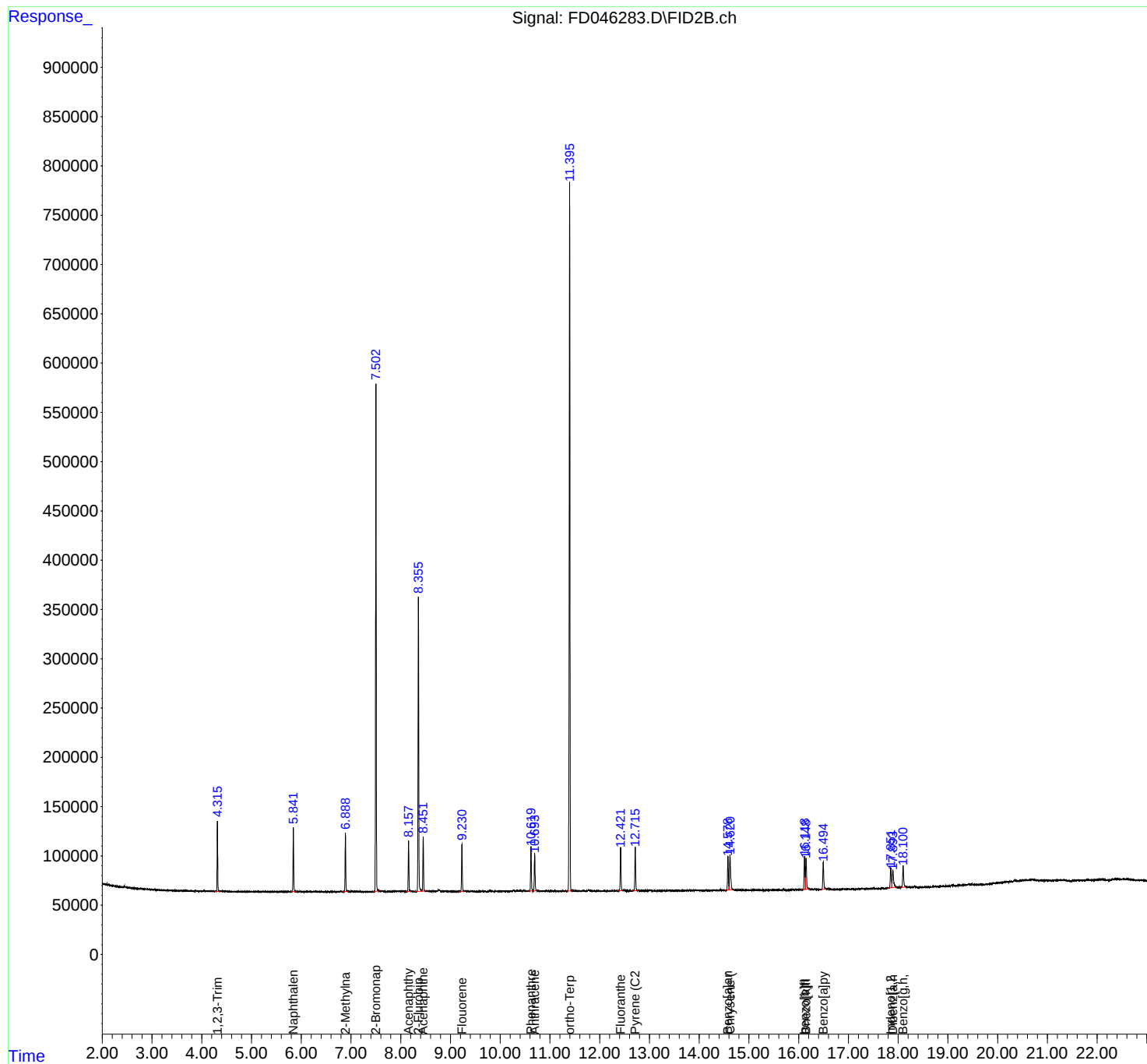
(m)=manual int.

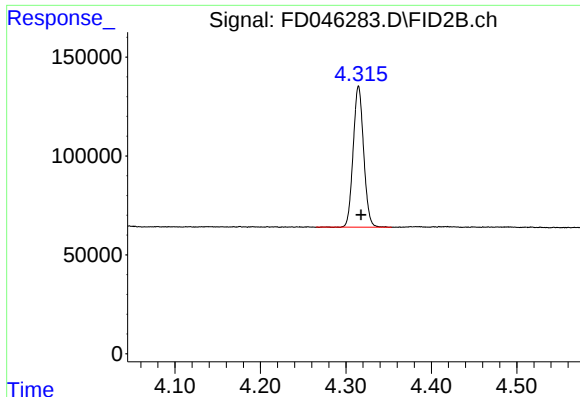
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080723AR\  
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Volume Inj. : 1 µl  
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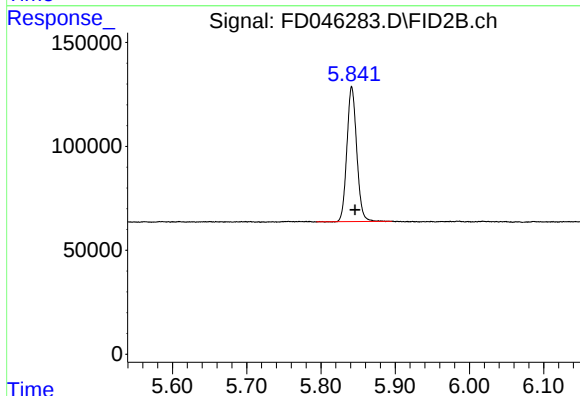




#1 1,2,3-Trimethylbenzene (C10.1)

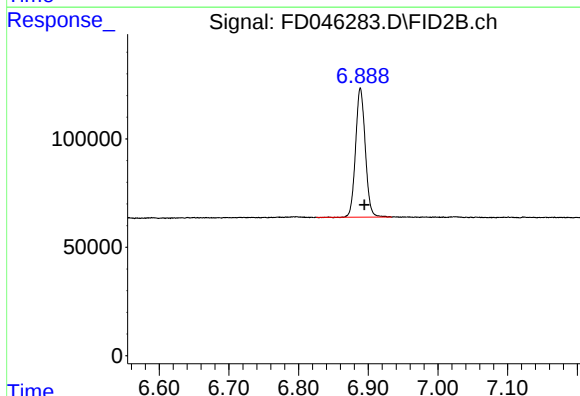
R.T.: 4.315 min  
Delta R.T.: -0.003 min  
Response: 606880  
Conc: 3.33 ug/ml

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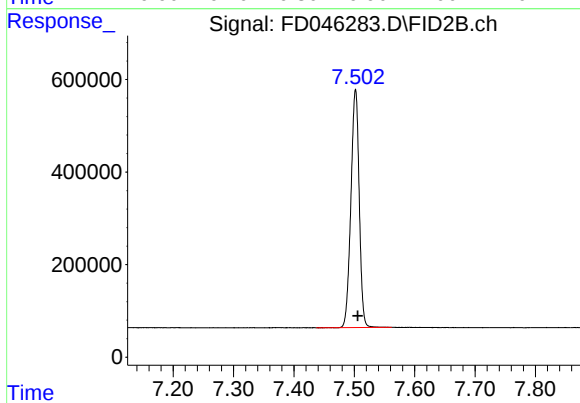
#2 Naphthalene (C11.7)

R.T.: 5.842 min  
Delta R.T.: -0.004 min  
Response: 596368  
Conc: 3.30 ug/ml



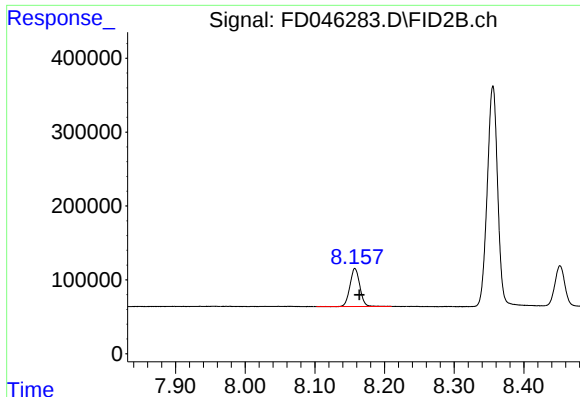
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min  
Delta R.T.: -0.006 min  
Response: 576676  
Conc: 3.28 ug/ml



#4 2-Bromonaphthalene (SURR)

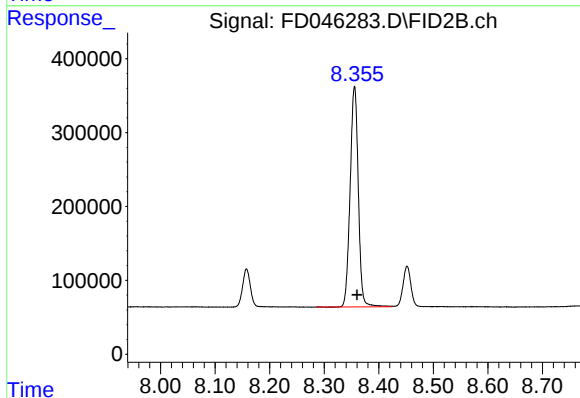
R.T.: 7.502 min  
Delta R.T.: -0.004 min  
Response: 4904058  
Conc: 32.81 ug/ml



#5 Acenaphthylene (C15.06)

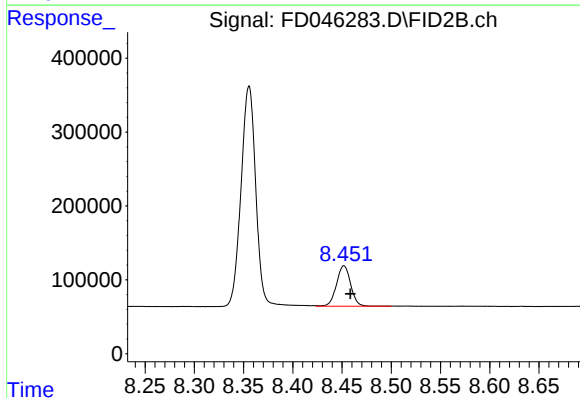
R.T.: 8.158 min  
Delta R.T.: -0.006 min  
Response: 505123  
Conc: 3.31 ug/ml

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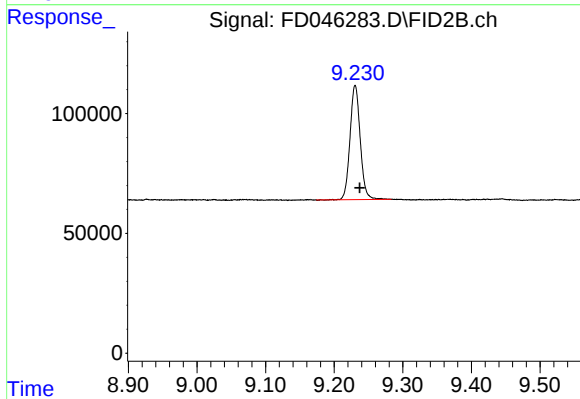
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.355 min  
Delta R.T.: -0.005 min  
Response: 3113515  
Conc: 33.26 ug/ml



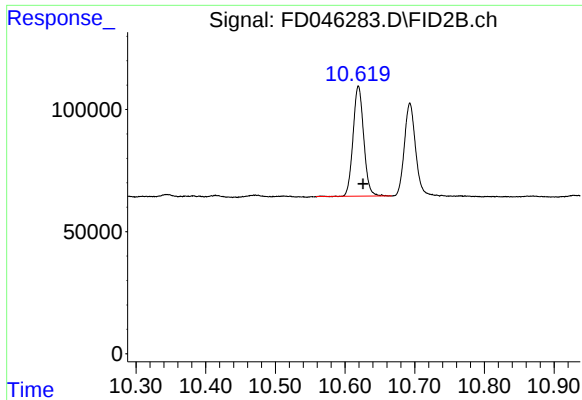
#7 Acenaphthene (C15.5)

R.T.: 8.452 min  
Delta R.T.: -0.007 min  
Response: 551142  
Conc: 3.38 ug/ml



#8 Fluorene (C16.55)

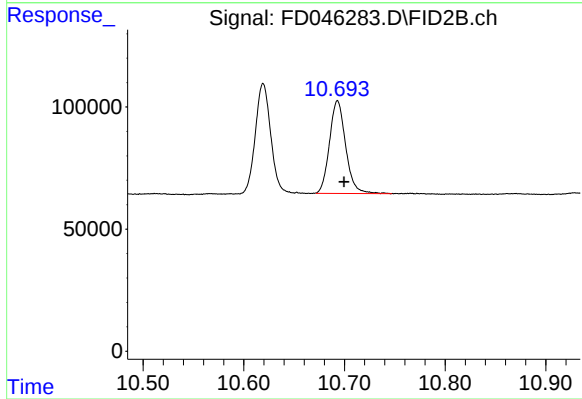
R.T.: 9.231 min  
Delta R.T.: -0.006 min  
Response: 494476  
Conc: 3.25 ug/ml



#9 Phenanthrene (C19.36)

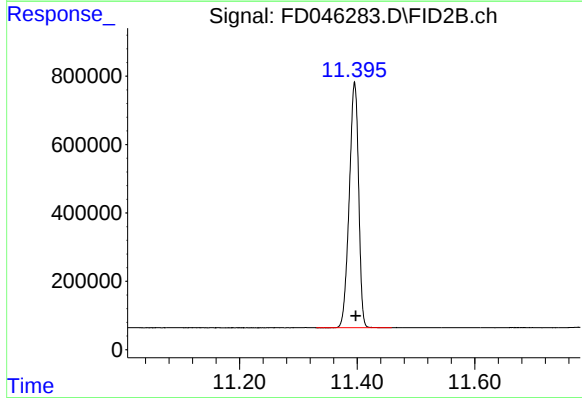
R.T.: 10.619 min  
Delta R.T.: -0.006 min  
Response: 479265  
Conc: 3.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2023



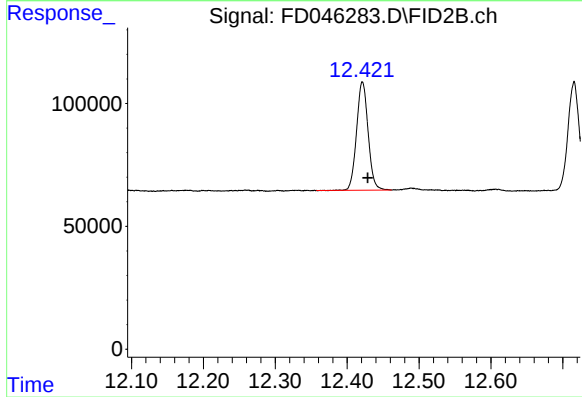
#10 Anthracene (C19.43)

R.T.: 10.693 min  
Delta R.T.: -0.007 min  
Response: 424529  
Conc: 3.24 ug/ml



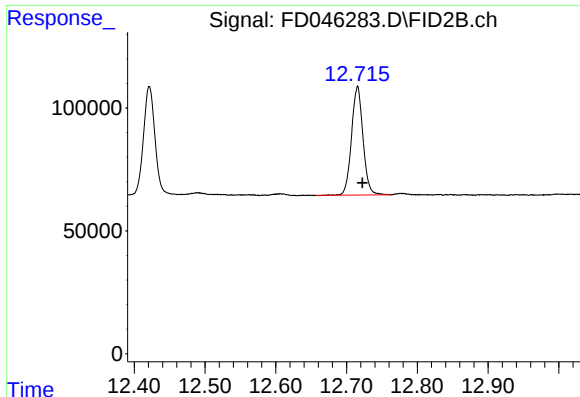
#11 ortho-Terphenyl (SURR)

R.T.: 11.396 min  
Delta R.T.: -0.002 min  
Response: 7927300  
Conc: 45.39 ug/ml



#12 Fluoranthene (C21.85)

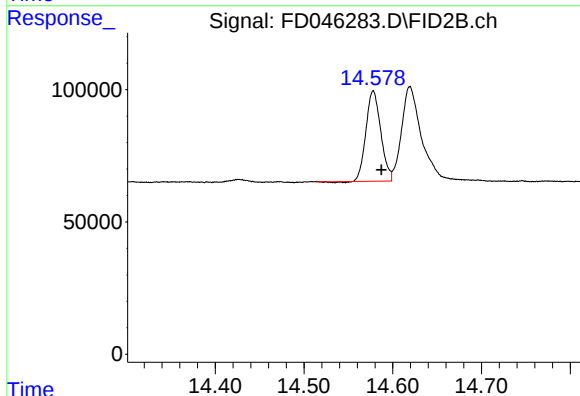
R.T.: 12.421 min  
Delta R.T.: -0.007 min  
Response: 492049  
Conc: 3.52 ug/ml



#13 Pyrene (C20.8)

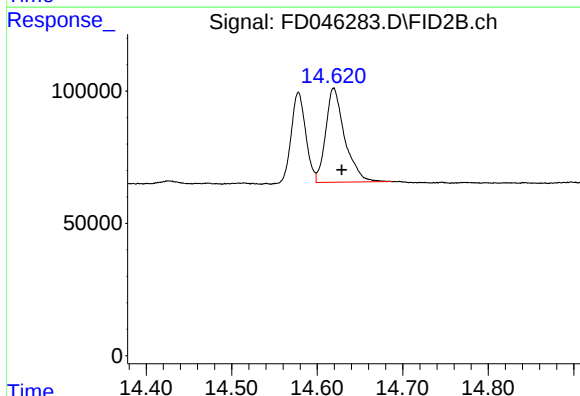
R.T.: 12.715 min  
Delta R.T.: -0.007 min  
Response: 496945  
Conc: 3.59 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2023



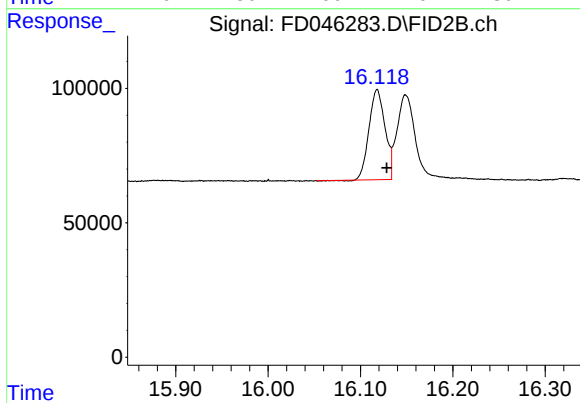
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min  
Delta R.T.: -0.009 min  
Response: 394321  
Conc: 3.00 ug/ml



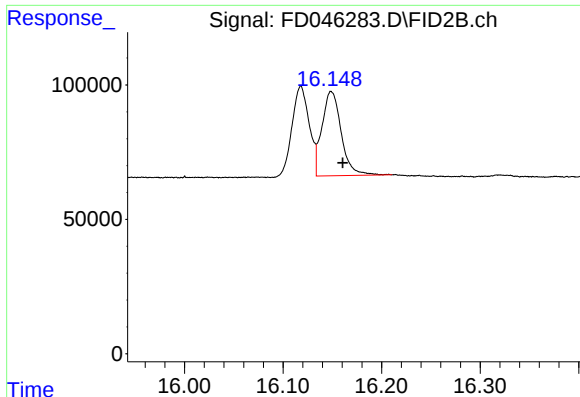
#15 Chrysene (C27.41)

R.T.: 14.620 min  
Delta R.T.: -0.009 min  
Response: 548856  
Conc: 3.89 ug/ml



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

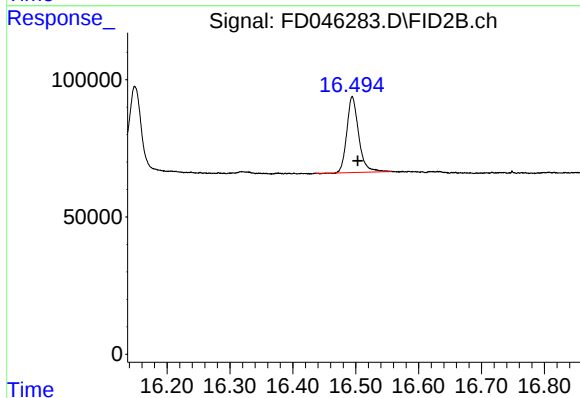
R.T.: 16.118 min  
Delta R.T.: -0.011 min  
Response: 402833  
Conc: 2.95 ug/ml



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

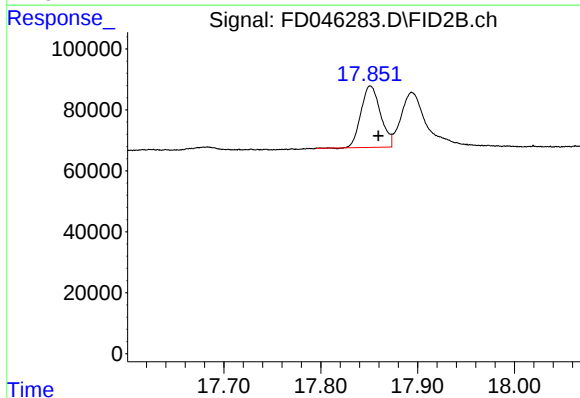
R.T.: 16.149 min  
Delta R.T.: -0.012 min  
Response: 426898  
Conc: 3.11 ug/ml

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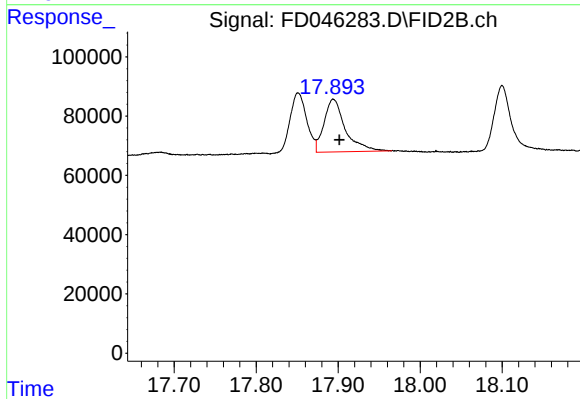
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min  
Delta R.T.: -0.008 min  
Response: 362745  
Conc: 2.79 ug/ml



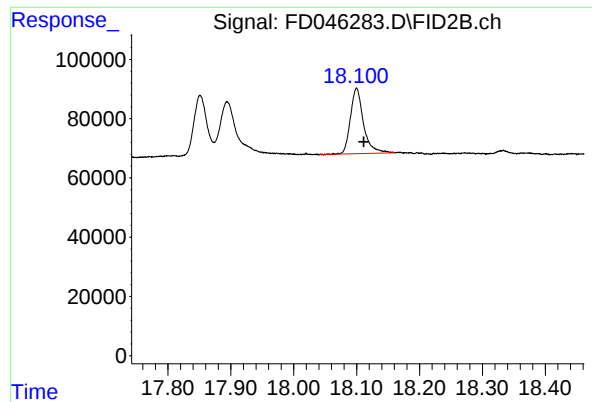
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min  
Delta R.T.: -0.008 min  
Response: 282383  
Conc: 2.35 ug/ml



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

R.T.: 17.894 min  
Delta R.T.: -0.007 min  
Response: 321349  
Conc: 2.51 ug/ml



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

R.T.: 18.100 min  
Delta R.T.: -0.011 min  
Response: 317348  
Conc: 2.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2023