

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050224AR\  
 Data File : FD047619.D  
 Signal(s) : FID2B.ch  
 Acq On : 02 May 2024 17:19  
 Operator : YP/AJ  
 Sample : PB160667BS  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB160667BS

Integration File: autoint1.e  
 Quant Time: May 03 01:56:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 17:13:11 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...      | 7.463  | 9149612    | 58.341 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 116.68%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.316  | 5068857    | 48.458 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 96.92%        |
| 11) S ortho-Terphenyl (SURR)       | 11.357 | 9212270    | 49.123 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 98.25%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.274  | 5966904    | 36.906 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.799  | 6934500    | 40.983 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.849  | 7202296    | 42.281 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.120  | 7920755    | 48.568 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.415  | 7667714    | 45.615 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.194  | 8278094    | 49.765 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.585 | 8659990    | 52.896 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.661 | 8585337    | 57.318 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.393 | 8978807    | 54.111 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.689 | 9146307    | 56.212 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.557 | 8684355    | 59.493 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.602 | 8632026    | 54.777 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.105 | 8483365    | 56.799 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.141 | 8451906    | 56.140 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.483 | 8206634    | 56.875 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.849 | 8403997    | 61.922 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.887 | 7790438    | 54.412 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.102 | 7614343    | 55.459 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

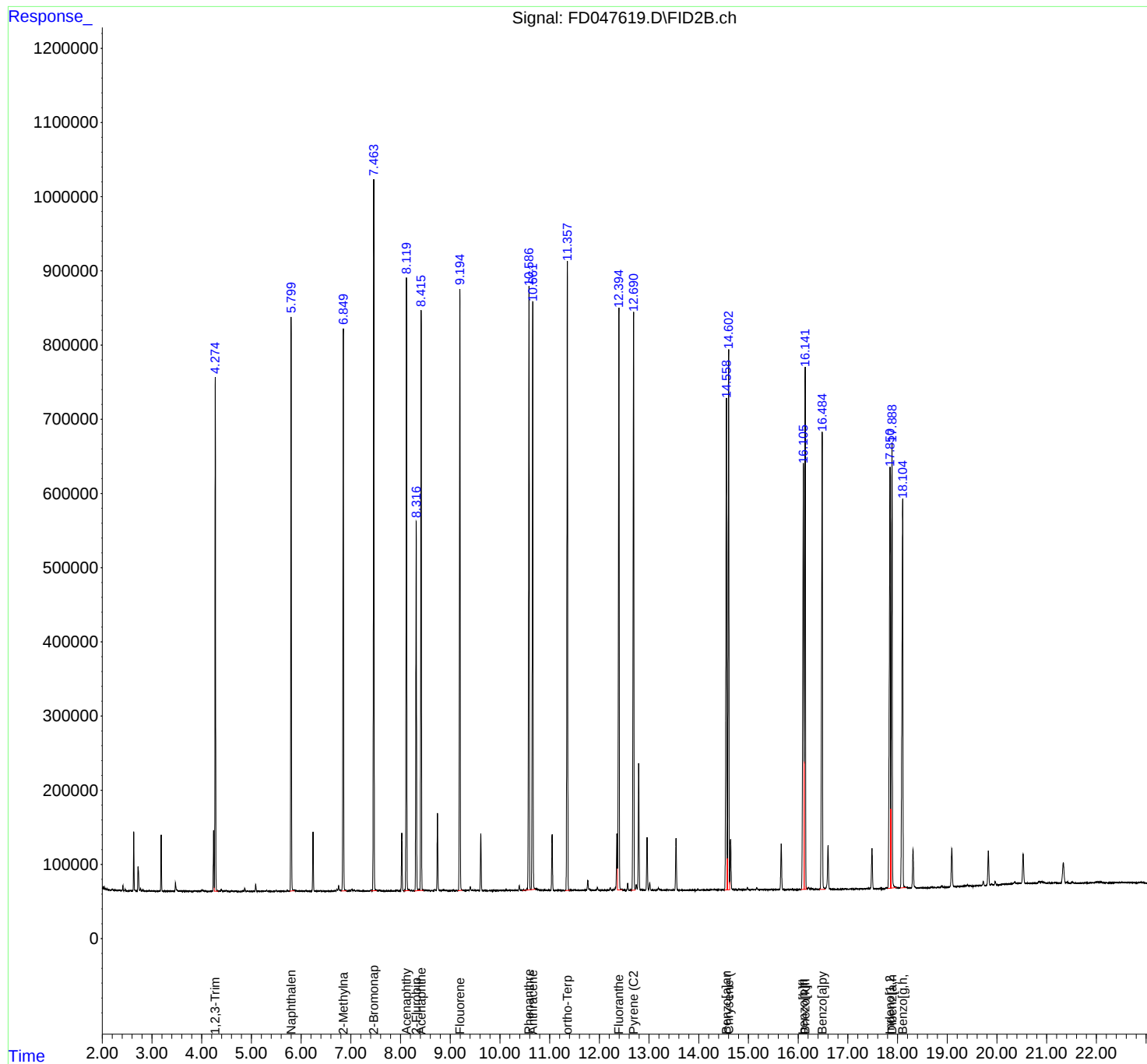
(m)=manual int.

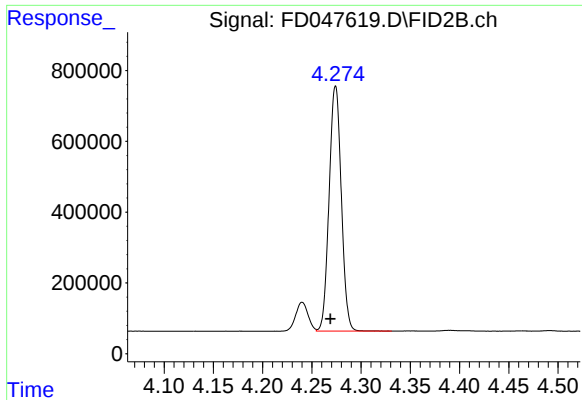
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050224AR\  
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Signal Phase : Rxi-1ms  
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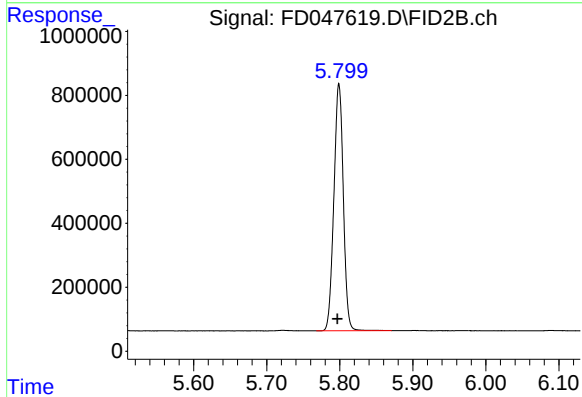




#1 1,2,3-Trimethylbenzene (C10.1)

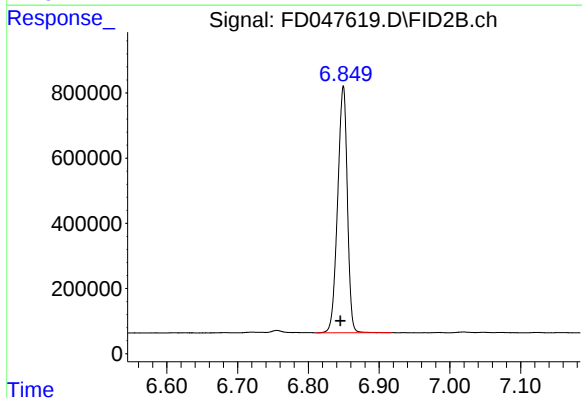
R.T.: 4.274 min  
Delta R.T.: 0.005 min  
Response: 5966904  
Conc: 36.91 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160667BS



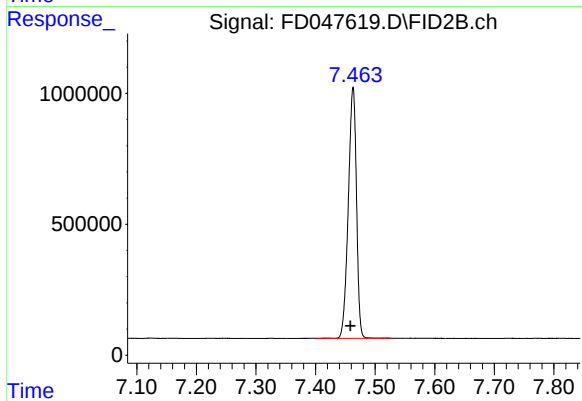
#2 Naphthalene (C11.7)

R.T.: 5.799 min  
Delta R.T.: 0.002 min  
Response: 6934500  
Conc: 40.98 ug/ml



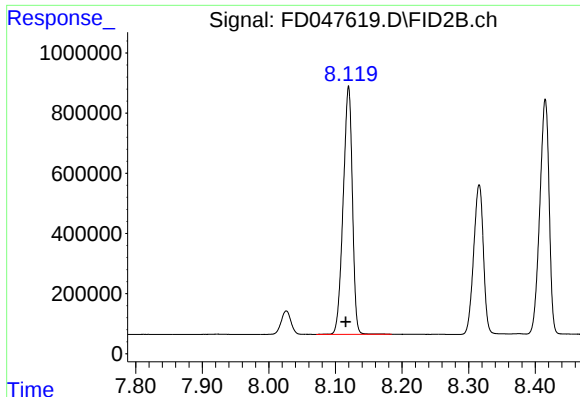
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min  
Delta R.T.: 0.004 min  
Response: 7202296  
Conc: 42.28 ug/ml



#4 2-Bromonaphthalene (SURR)

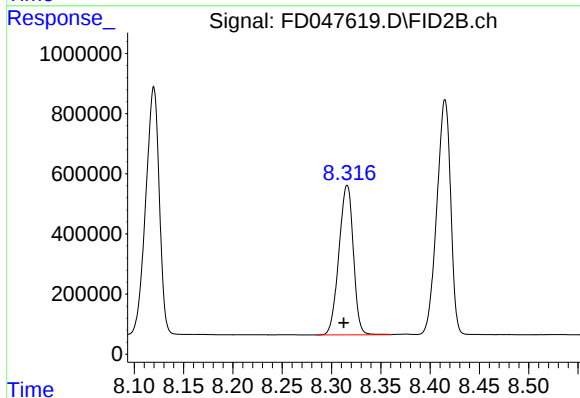
R.T.: 7.463 min  
Delta R.T.: 0.004 min  
Response: 9149612  
Conc: 58.34 ug/ml



#5 Acenaphthylene (C15.06)

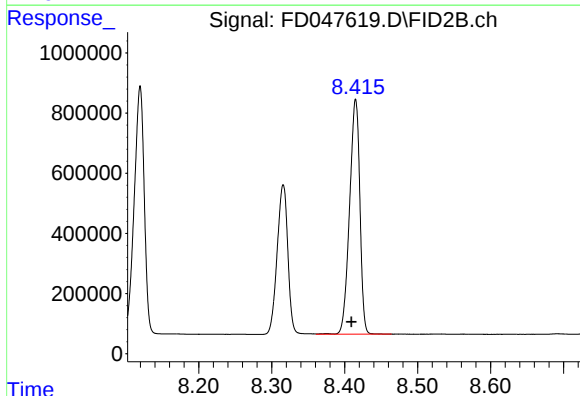
R.T.: 8.120 min  
Delta R.T.: 0.004 min  
Response: 7920755  
Conc: 48.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160667BS



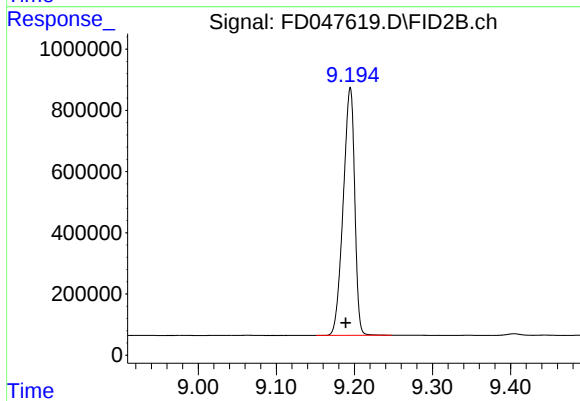
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min  
Delta R.T.: 0.003 min  
Response: 5068857  
Conc: 48.46 ug/ml



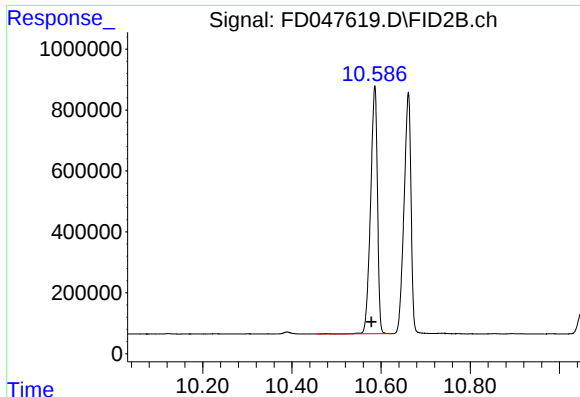
#7 Acenaphthene (C15.5)

R.T.: 8.415 min  
Delta R.T.: 0.005 min  
Response: 7667714  
Conc: 45.62 ug/ml



#8 Fluorene (C16.55)

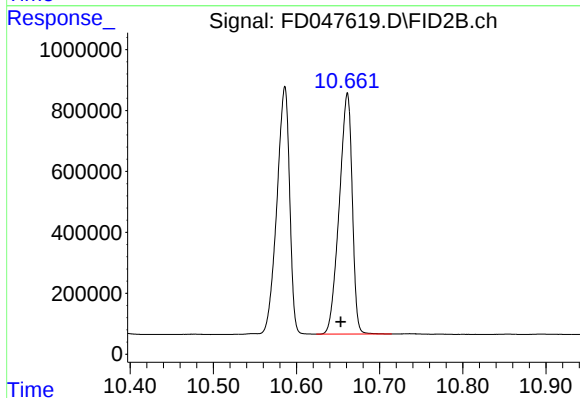
R.T.: 9.194 min  
Delta R.T.: 0.005 min  
Response: 8278094  
Conc: 49.77 ug/ml



#9 Phenanthrene (C19.36)

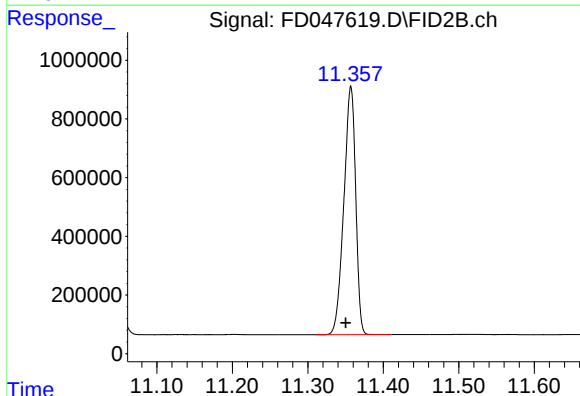
R.T.: 10.585 min  
Delta R.T.: 0.007 min  
Response: 8659990  
Conc: 52.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160667BS



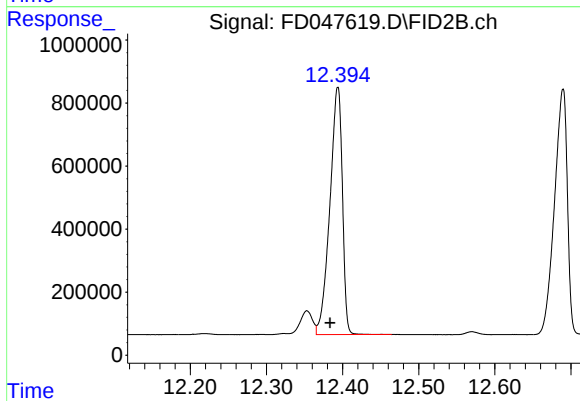
#10 Anthracene (C19.43)

R.T.: 10.661 min  
Delta R.T.: 0.007 min  
Response: 8585337  
Conc: 57.32 ug/ml



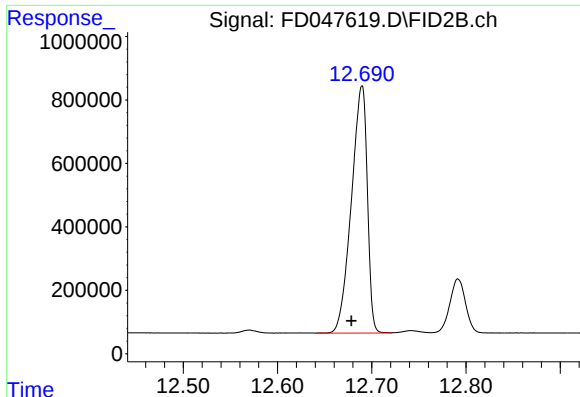
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min  
Delta R.T.: 0.007 min  
Response: 9212270  
Conc: 49.12 ug/ml



#12 Fluoranthene (C21.85)

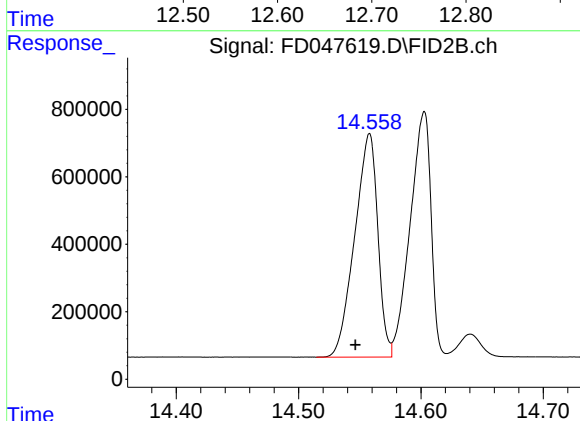
R.T.: 12.393 min  
Delta R.T.: 0.010 min  
Response: 8978807  
Conc: 54.11 ug/ml



#13 Pyrene (C20.8)

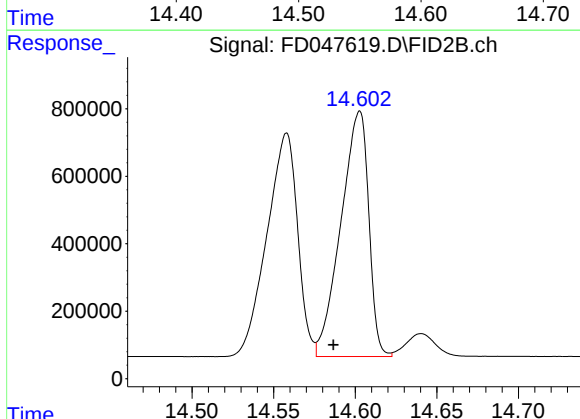
R.T.: 12.689 min  
Delta R.T.: 0.011 min  
Response: 9146307  
Conc: 56.21 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160667BS



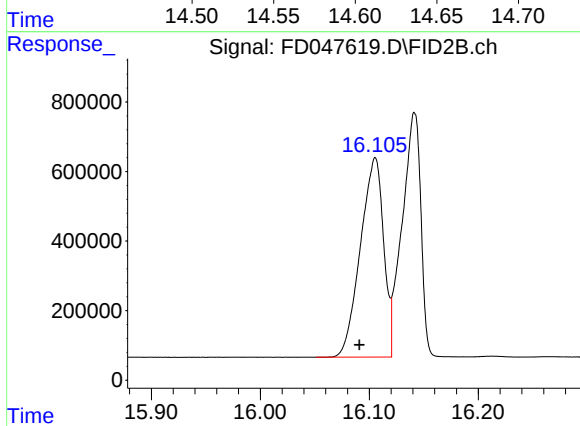
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min  
Delta R.T.: 0.011 min  
Response: 8684355  
Conc: 59.49 ug/ml



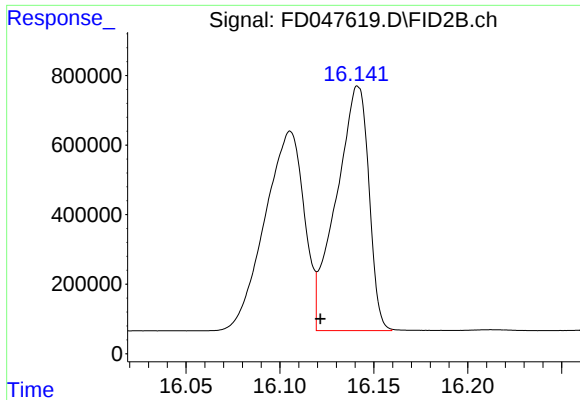
#15 Chrysene (C27.41)

R.T.: 14.602 min  
Delta R.T.: 0.015 min  
Response: 8632026  
Conc: 54.78 ug/ml



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

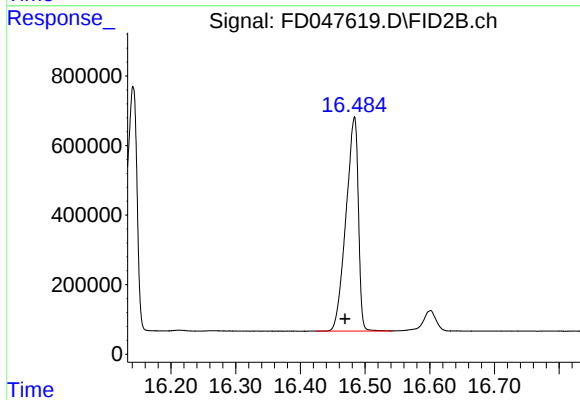
R.T.: 16.105 min  
Delta R.T.: 0.014 min  
Response: 8483365  
Conc: 56.80 ug/ml



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

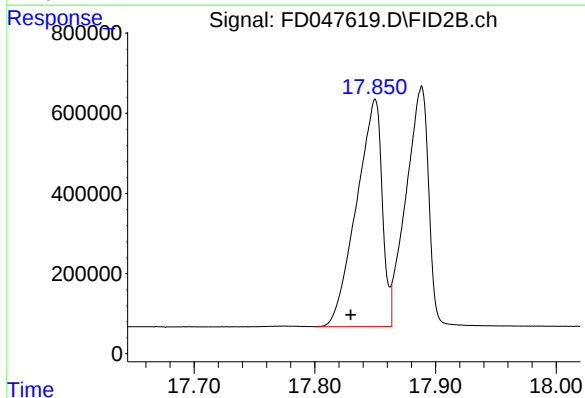
R.T.: 16.141 min  
Delta R.T.: 0.019 min  
Response: 8451906  
Conc: 56.14 ug/ml

Instrument :  
FID\_D  
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PB160667BS



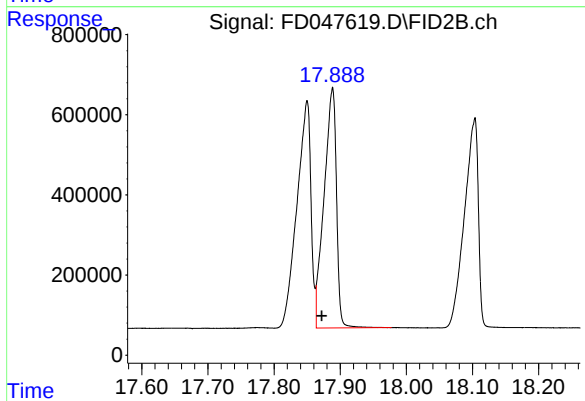
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min  
Delta R.T.: 0.014 min  
Response: 8206634  
Conc: 56.88 ug/ml



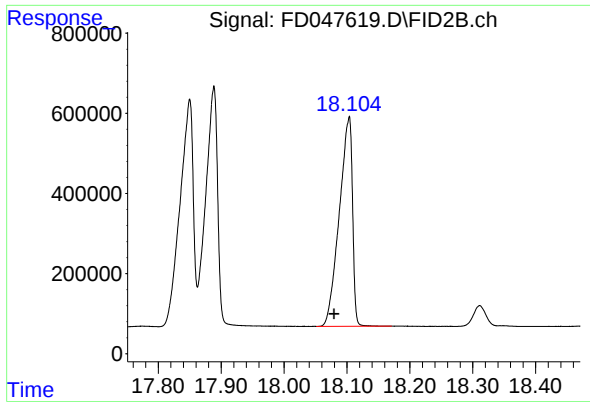
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.849 min  
Delta R.T.: 0.019 min  
Response: 8403997  
Conc: 61.92 ug/ml



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

R.T.: 17.887 min  
Delta R.T.: 0.015 min  
Response: 7790438  
Conc: 54.41 ug/ml



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

R.T.: 18.102 min  
Delta R.T.: 0.022 min  
Response: 7614343  
Conc: 55.46 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB160667BS