

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD021424AR\  
 Data File : FD047248.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Feb 2024 17:13  
 Operator : YP/AJ  
 Sample : PB159031BS  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 14 22:29:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 13:43:49 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...      | 7.467  | 8093175    | 53.160 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 106.32%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.319  | 3714686    | 36.750 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 73.50%       |
| 11) S ortho-Terphenyl (SURR)       | 11.358 | 8686312    | 49.251 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 98.50%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.281  | 4361539    | 27.666 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.805  | 5597806    | 33.682 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.854  | 6029801    | 35.755 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.124  | 7425697    | 48.246 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.419  | 6812647    | 41.331 ug/ml |
| 8) T Fluorene (C16.55)             | 9.199  | 8194291    | 51.684 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.588 | 8410762    | 54.138 ug/ml |
| 10) T Anthracene (C19.43)          | 10.663 | 8184641    | 55.502 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.392 | 8723347    | 56.341 ug/ml |
| 13) T Pyrene (C20.8)               | 12.687 | 8631087    | 57.377 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.552 | 8118745    | 60.396 ug/ml |
| 15) T Chrysene (C27.41)            | 14.596 | 8108185    | 55.371 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.095 | 7807920    | 56.709 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.131 | 7820020    | 56.357 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.471 | 7426179    | 54.856 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.833 | 7850735    | 62.186 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.871 | 7112764    | 53.383 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.086 | 7115742    | 53.665 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

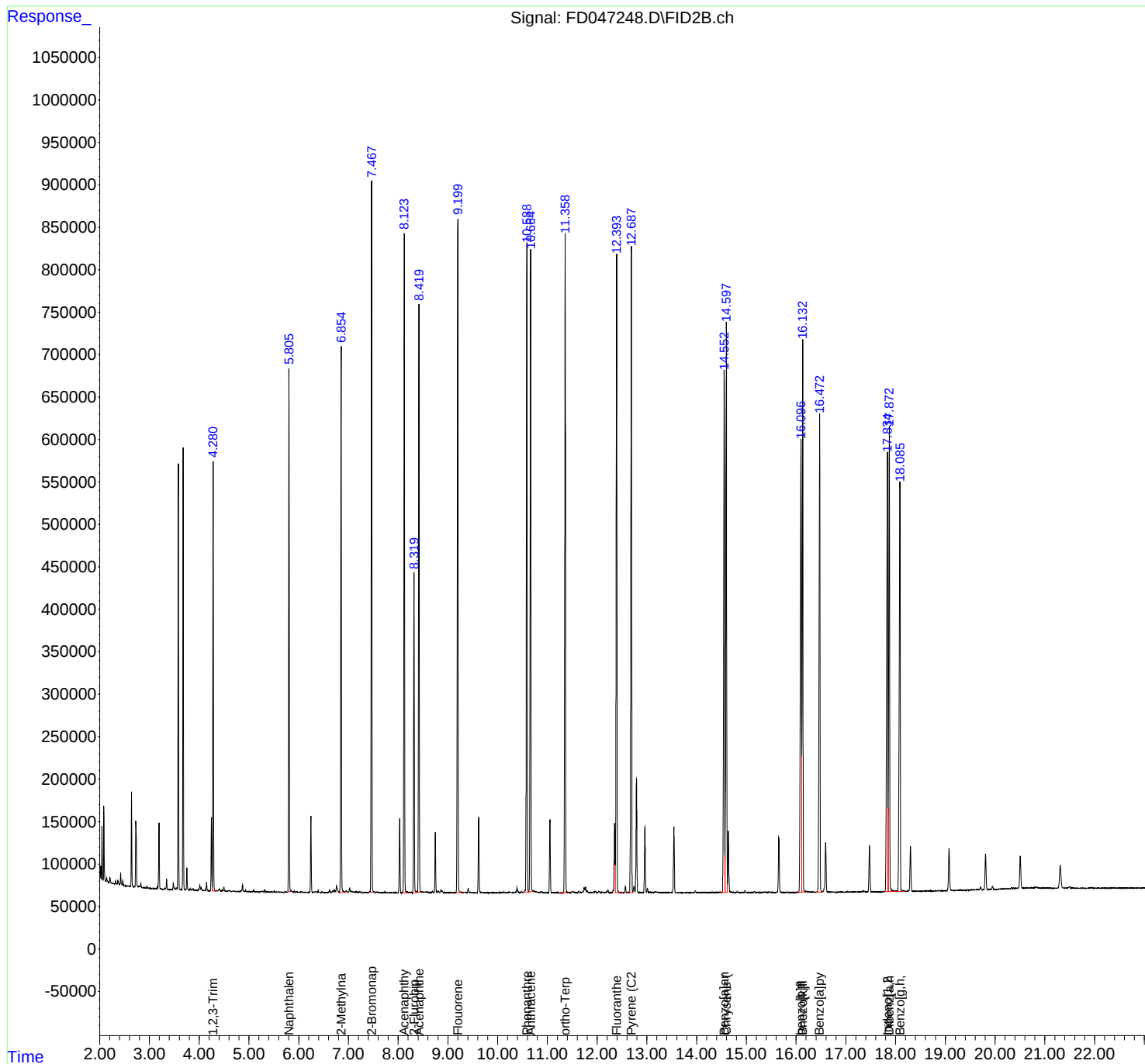
(m)=manual int.

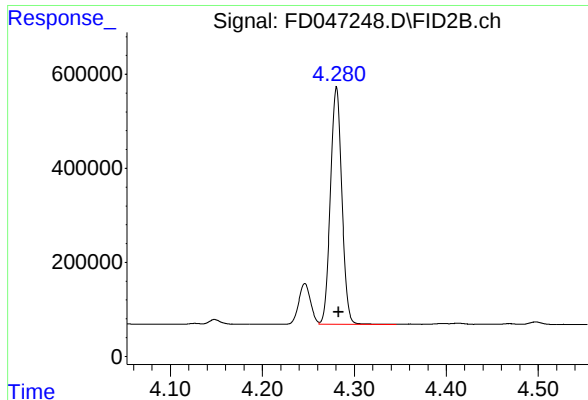
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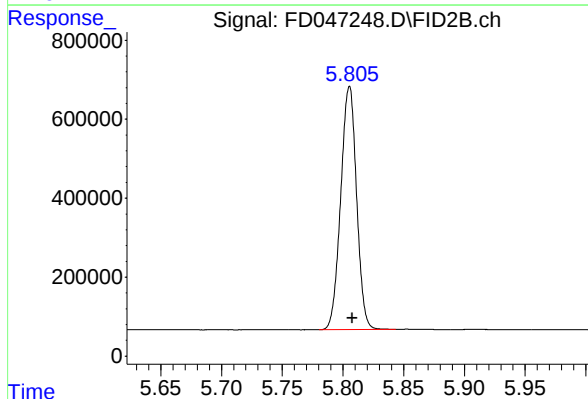




#1 1,2,3-Trimethylbenzene (C10.1)

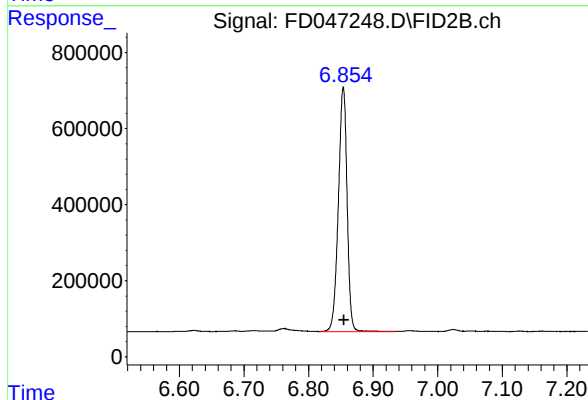
R.T.: 4.281 min  
Delta R.T.: -0.002 min  
Response: 4361539  
Conc: 27.67 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



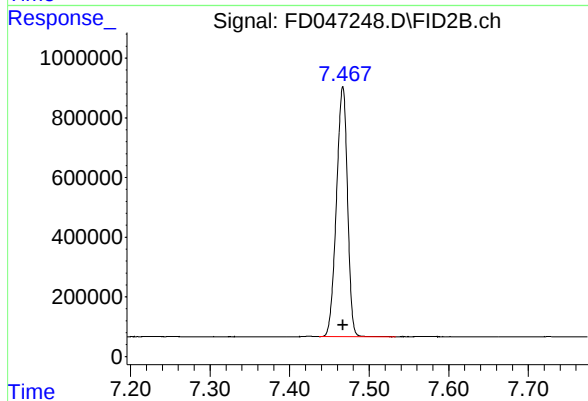
#2 Naphthalene (C11.7)

R.T.: 5.805 min  
Delta R.T.: -0.003 min  
Response: 5597806  
Conc: 33.68 ug/ml



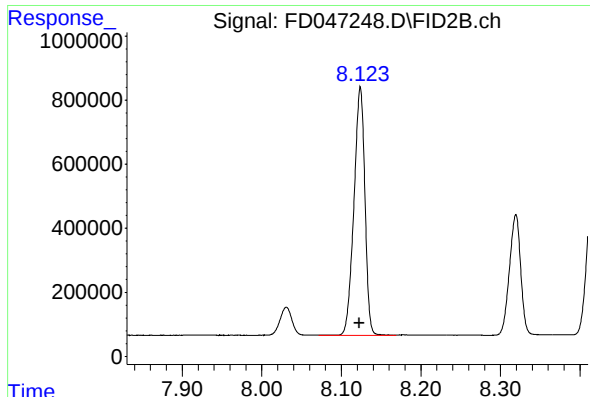
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min  
Delta R.T.: -0.001 min  
Response: 6029801  
Conc: 35.76 ug/ml



#4 2-Bromonaphthalene (SURR)

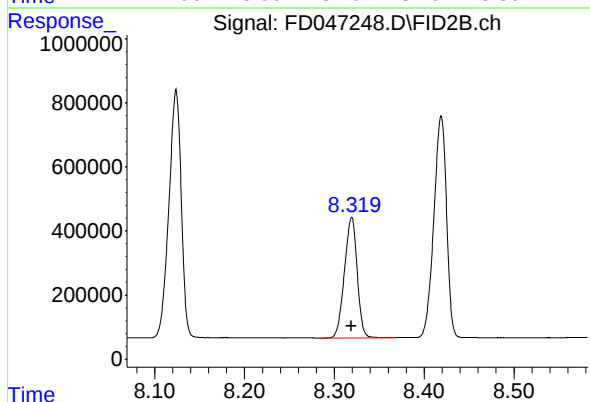
R.T.: 7.467 min  
Delta R.T.: 0.000 min  
Response: 8093175  
Conc: 53.16 ug/ml



#5 Acenaphthylene (C15.06)

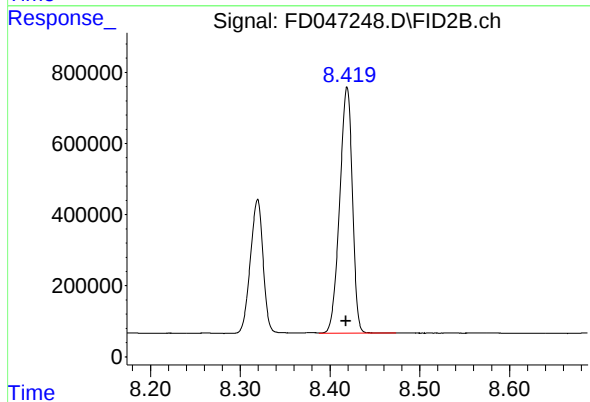
R.T.: 8.124 min  
Delta R.T.: 0.000 min  
Response: 7425697  
Conc: 48.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



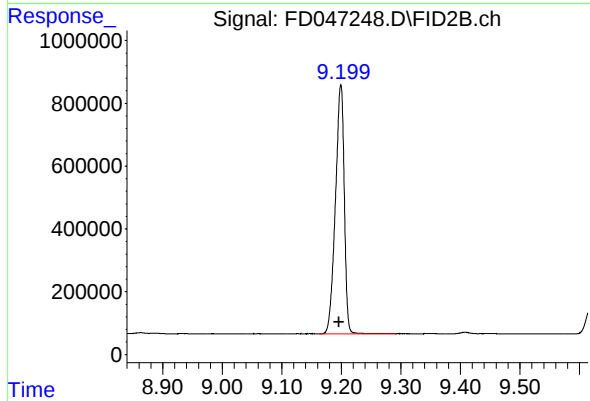
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min  
Delta R.T.: 0.000 min  
Response: 3714686  
Conc: 36.75 ug/ml



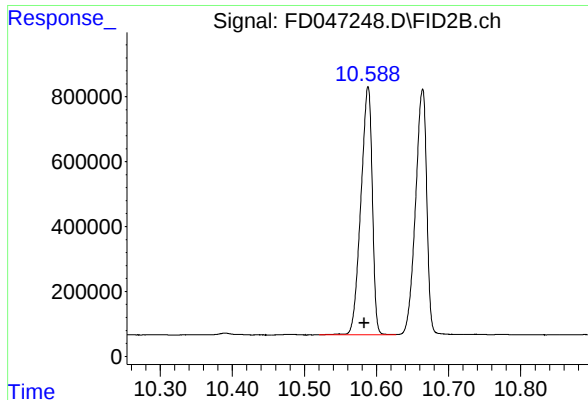
#7 Acenaphthene (C15.5)

R.T.: 8.419 min  
Delta R.T.: 0.000 min  
Response: 6812647  
Conc: 41.33 ug/ml



#8 Flouorene (C16.55)

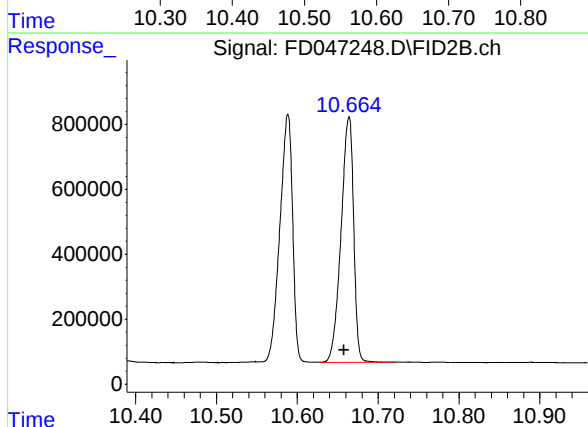
R.T.: 9.199 min  
Delta R.T.: 0.003 min  
Response: 8194291  
Conc: 51.68 ug/ml



#9 Phenanthrene (C19.36)

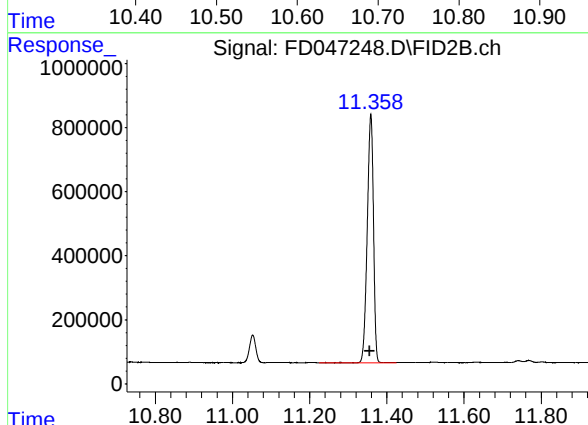
R.T.: 10.588 min  
Delta R.T.: 0.005 min  
Response: 8410762  
Conc: 54.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



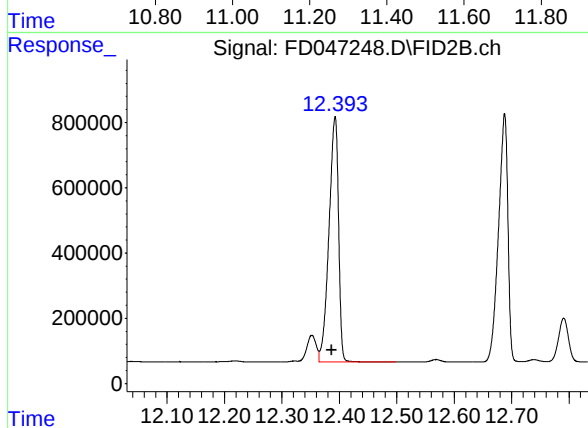
#10 Anthracene (C19.43)

R.T.: 10.663 min  
Delta R.T.: 0.006 min  
Response: 8184641  
Conc: 55.50 ug/ml



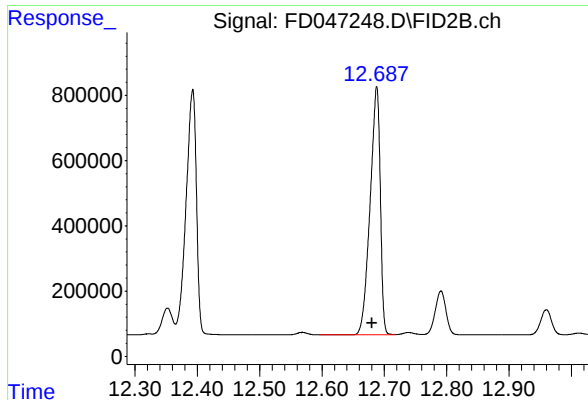
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min  
Delta R.T.: 0.003 min  
Response: 8686312  
Conc: 49.25 ug/ml



#12 Fluoranthene (C21.85)

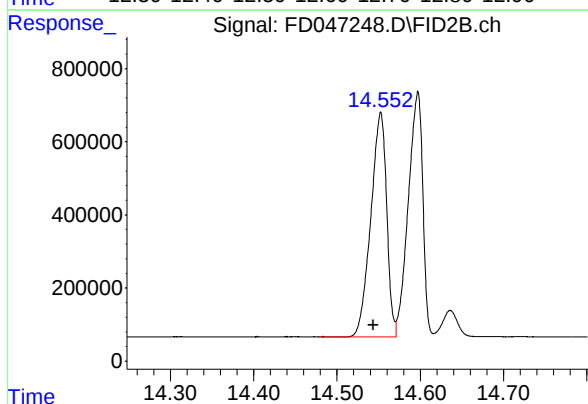
R.T.: 12.392 min  
Delta R.T.: 0.006 min  
Response: 8723347  
Conc: 56.34 ug/ml



#13 Pyrene (C20.8)

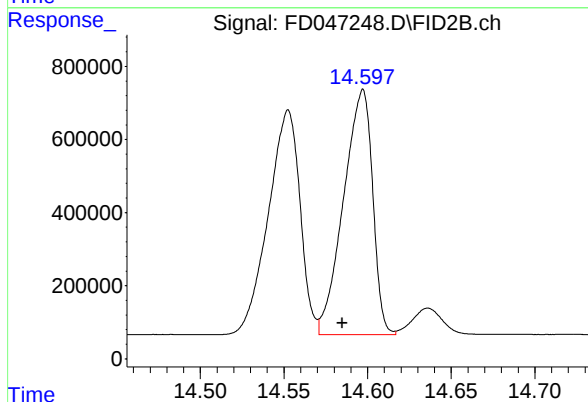
R.T.: 12.687 min  
Delta R.T.: 0.007 min  
Response: 8631087  
Conc: 57.38 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



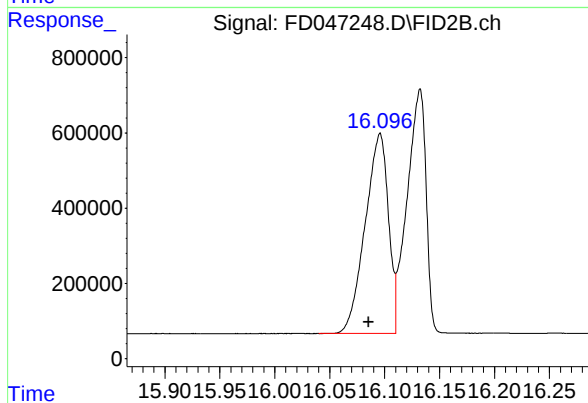
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min  
Delta R.T.: 0.008 min  
Response: 8118745  
Conc: 60.40 ug/ml



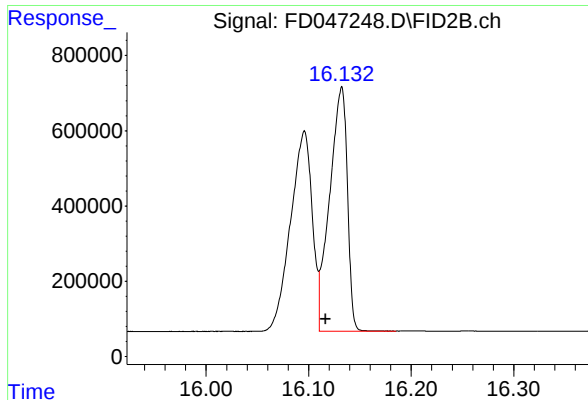
#15 Chrysene (C27.41)

R.T.: 14.596 min  
Delta R.T.: 0.011 min  
Response: 8108185  
Conc: 55.37 ug/ml



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

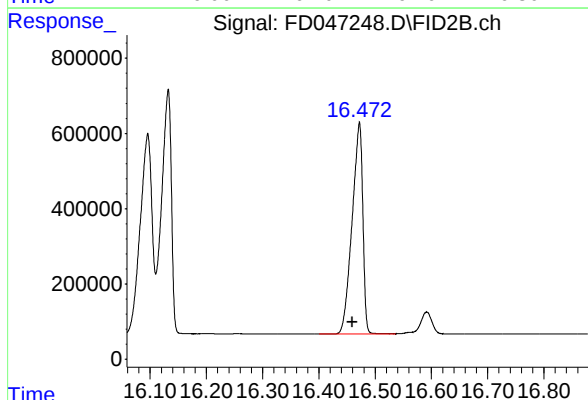
R.T.: 16.095 min  
Delta R.T.: 0.010 min  
Response: 7807920  
Conc: 56.71 ug/ml



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

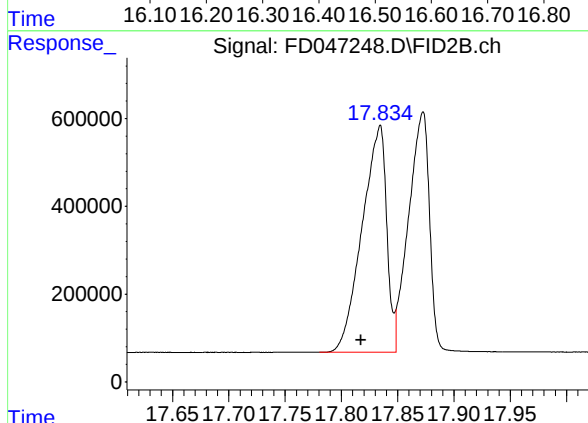
R.T.: 16.131 min  
Delta R.T.: 0.015 min  
Response: 7820020  
Conc: 56.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



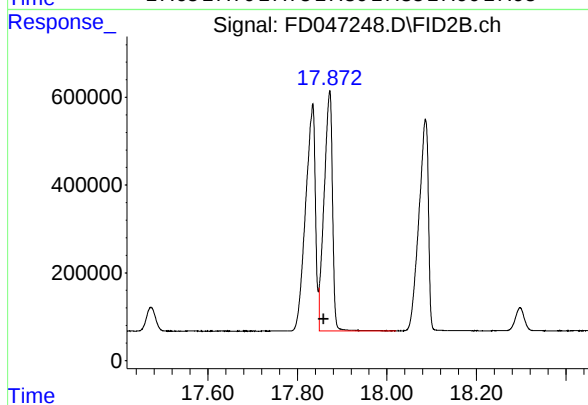
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.471 min  
Delta R.T.: 0.012 min  
Response: 7426179  
Conc: 54.86 ug/ml



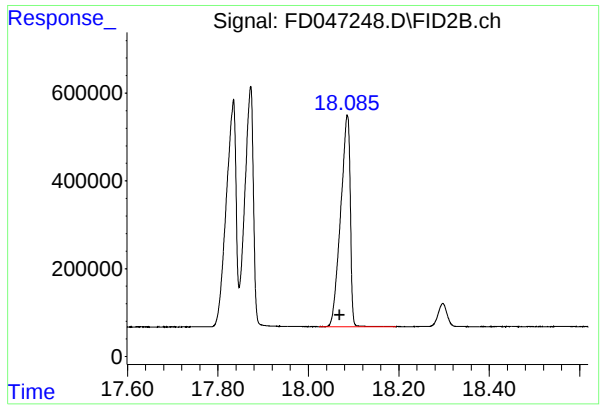
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min  
Delta R.T.: 0.016 min  
Response: 7850735  
Conc: 62.19 ug/ml



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

R.T.: 17.871 min  
Delta R.T.: 0.013 min  
Response: 7112764  
Conc: 53.38 ug/ml



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

R.T.: 18.086 min

Delta R.T.: 0.017 min

Response: 7115742

Conc: 53.67 ug/ml

Instrument :

FID\_D

ClientSampleId :