

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050924AR\  
 Data File : FD047692.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 May 2024 08:00  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: May 10 09:12:34 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...      | 7.461  | 3590040    | 22.891 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 45.78%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.315  | 2367760    | 22.636 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.27%       |
| 11) S ortho-Terphenyl (SURR)       | 11.355 | 4214099    | 22.471 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.94%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.273  | 3712044    | 22.959 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.799  | 3875485    | 22.904 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.848  | 3930532    | 23.074 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.118  | 3548342    | 21.758 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.413  | 3851692    | 22.914 ug/ml |
| 8) T Flouorene (C16.55)            | 9.192  | 3758469    | 22.595 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.582 | 3671006    | 22.423 ug/ml |
| 10) T Anthracene (C19.43)          | 10.657 | 2665043    | 17.792 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.389 | 3710317    | 22.360 ug/ml |
| 13) T Pyrene (C20.8)               | 12.683 | 3532966    | 21.713 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.553 | 3057420    | 20.945 ug/ml |
| 15) T Chrysene (C27.41)            | 14.594 | 3311848    | 21.016 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.100 | 3191022    | 21.365 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.132 | 3334092    | 22.146 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.476 | 2921341    | 20.246 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.839 | 2829703    | 20.850 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.879 | 3317518    | 23.171 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.092 | 2966329    | 21.605 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

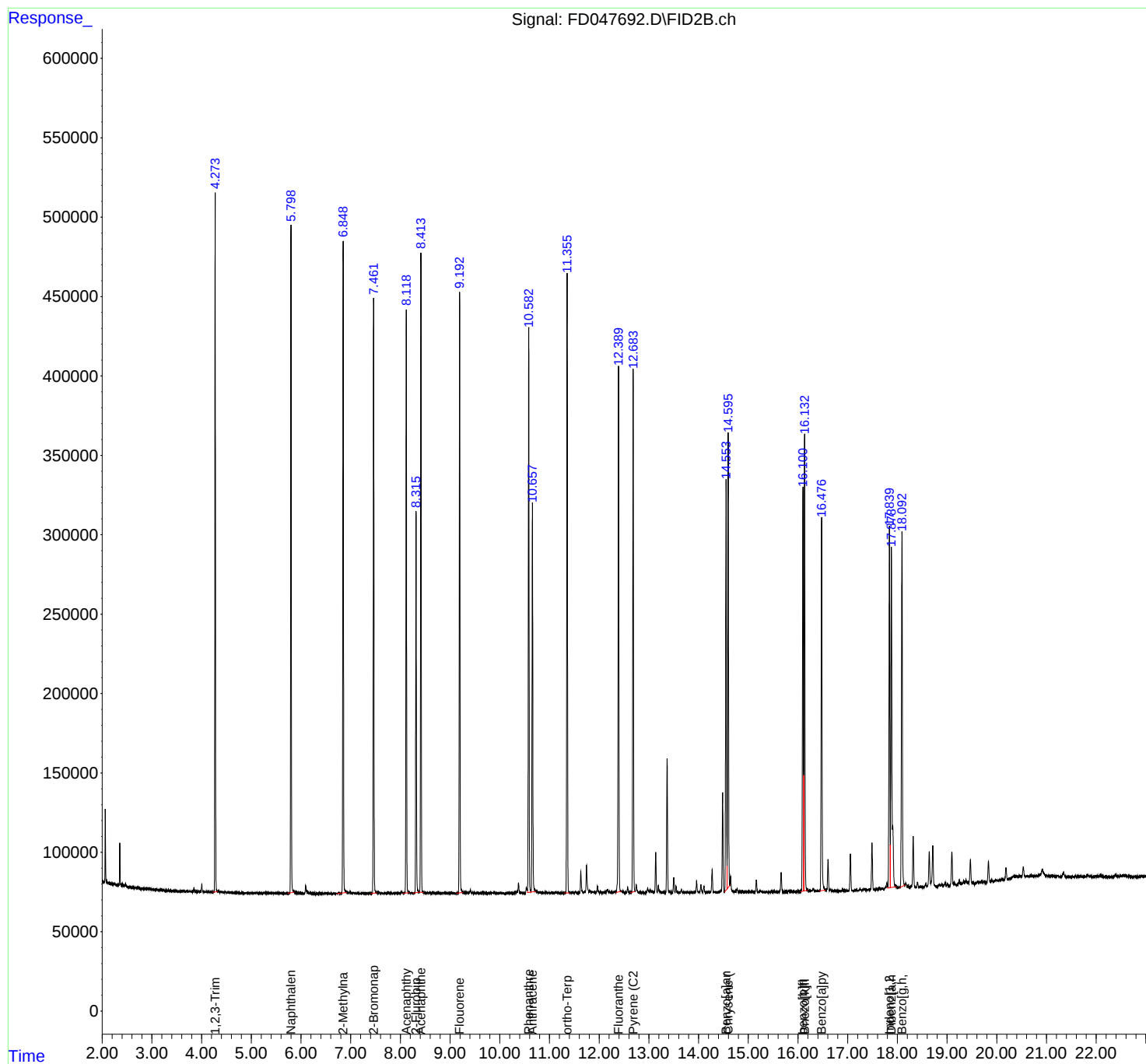
(m)=manual int.

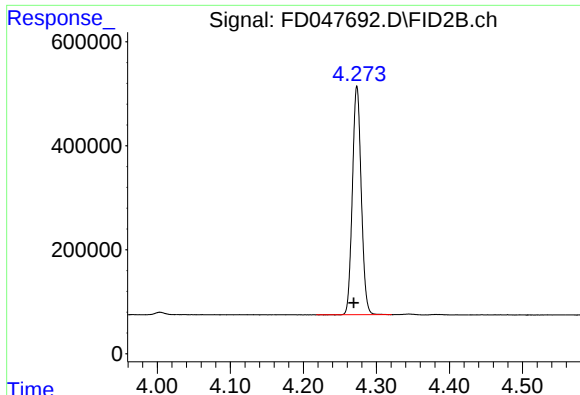
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050924AR\  
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20 PPM AROMATIC HC STD

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Volume Inj. : 1 µl  
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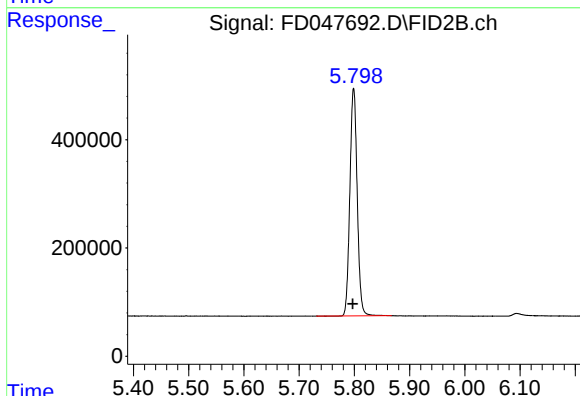




#1 1,2,3-Trimethylbenzene (C10.1)

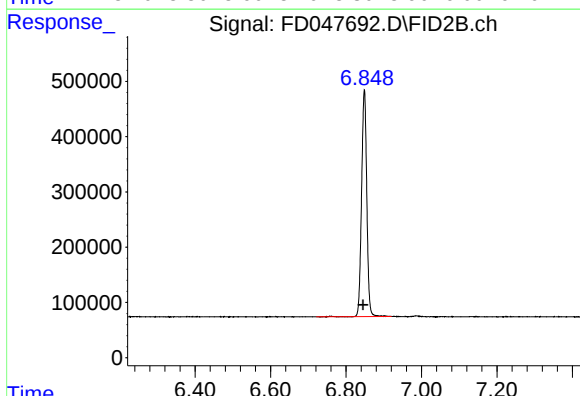
R.T.: 4.273 min  
Delta R.T.: 0.004 min  
Response: 3712044  
Conc: 22.96 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



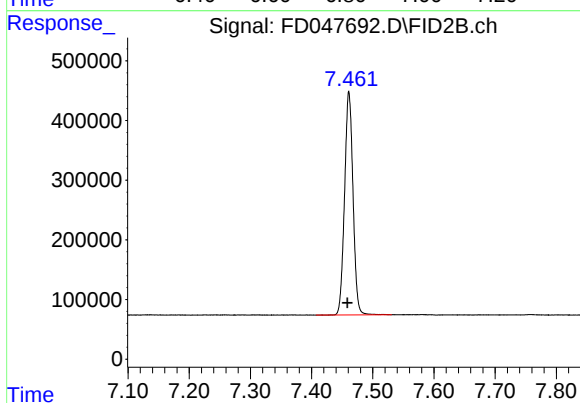
#2 Naphthalene (C11.7)

R.T.: 5.799 min  
Delta R.T.: 0.002 min  
Response: 3875485  
Conc: 22.90 ug/ml



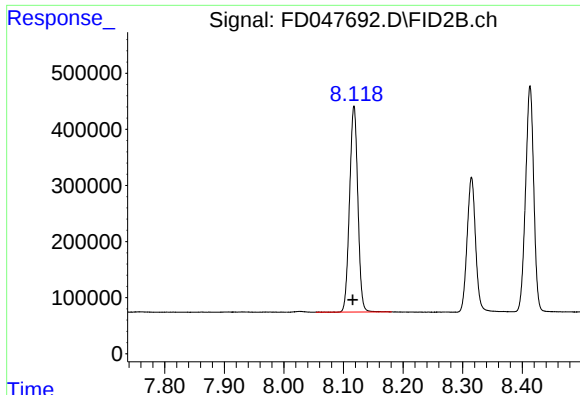
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min  
Delta R.T.: 0.003 min  
Response: 3930532  
Conc: 23.07 ug/ml



#4 2-Bromonaphthalene (SURR)

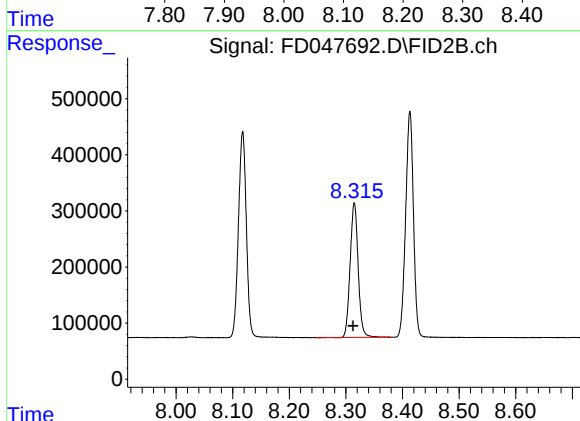
R.T.: 7.461 min  
Delta R.T.: 0.003 min  
Response: 3590040  
Conc: 22.89 ug/ml



#5 Acenaphthylene (C15.06)

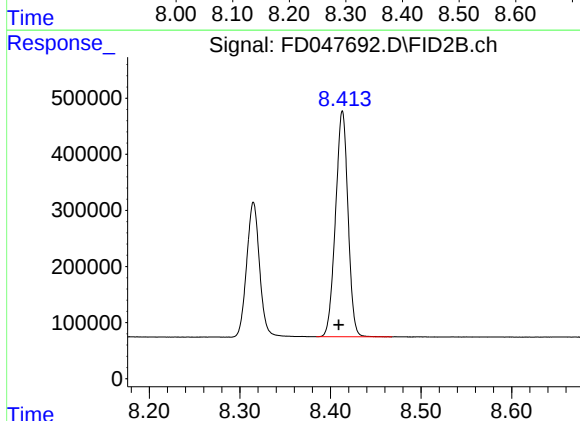
R.T.: 8.118 min  
Delta R.T.: 0.002 min  
Response: 3548342  
Conc: 21.76 ug/ml

Instrument :  
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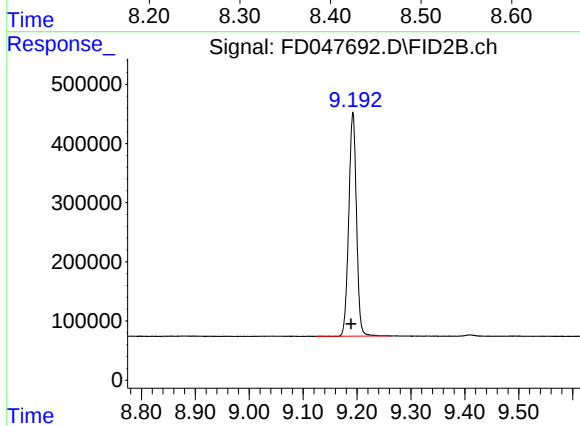
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min  
Delta R.T.: 0.002 min  
Response: 2367760  
Conc: 22.64 ug/ml



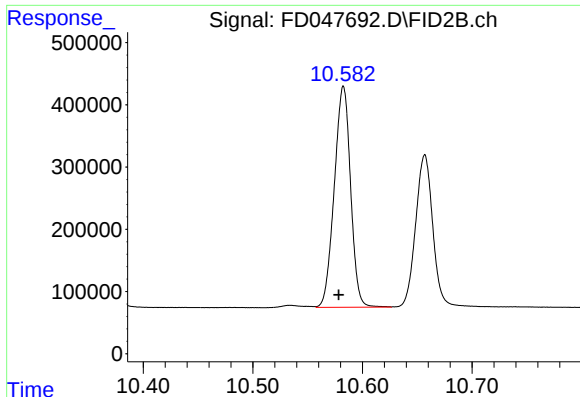
#7 Acenaphthene (C15.5)

R.T.: 8.413 min  
Delta R.T.: 0.004 min  
Response: 3851692  
Conc: 22.91 ug/ml



#8 Flouorene (C16.55)

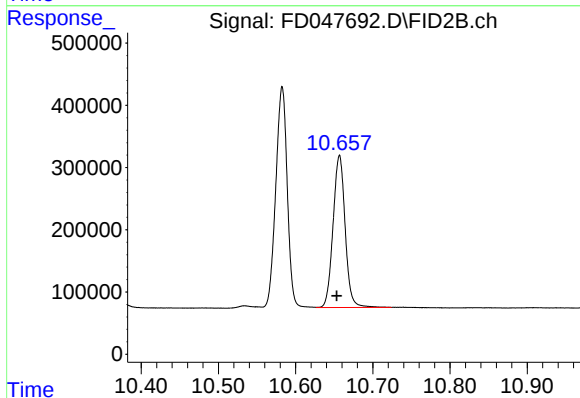
R.T.: 9.192 min  
Delta R.T.: 0.003 min  
Response: 3758469  
Conc: 22.59 ug/ml



#9 Phenanthrene (C19.36)

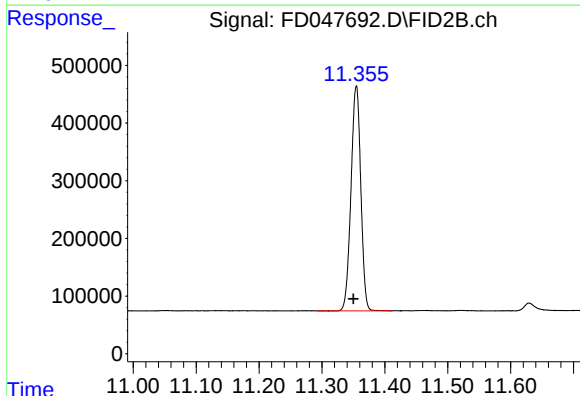
R.T.: 10.582 min  
Delta R.T.: 0.004 min  
Response: 3671006  
Conc: 22.42 ug/ml

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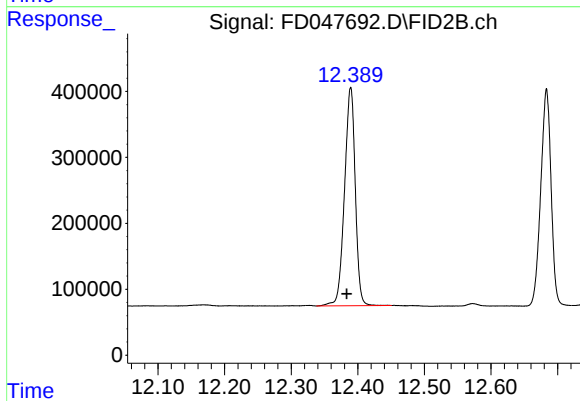
#10 Anthracene (C19.43)

R.T.: 10.657 min  
Delta R.T.: 0.003 min  
Response: 2665043  
Conc: 17.79 ug/ml



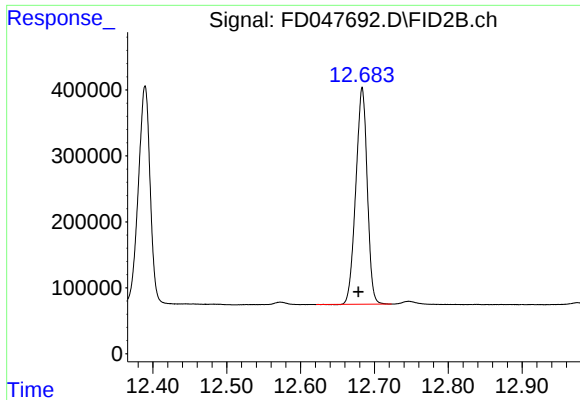
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min  
Delta R.T.: 0.004 min  
Response: 4214099  
Conc: 22.47 ug/ml



#12 Fluoranthene (C21.85)

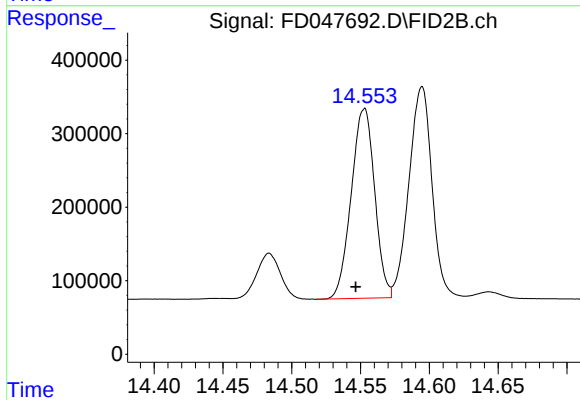
R.T.: 12.389 min  
Delta R.T.: 0.006 min  
Response: 3710317  
Conc: 22.36 ug/ml



#13 Pyrene (C20.8)

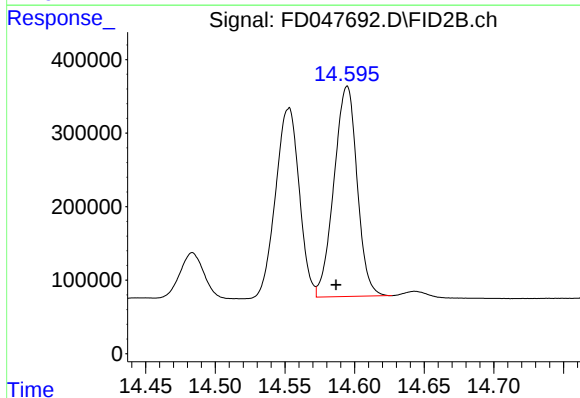
R.T.: 12.683 min  
Delta R.T.: 0.005 min  
Response: 3532966  
Conc: 21.71 ug/ml

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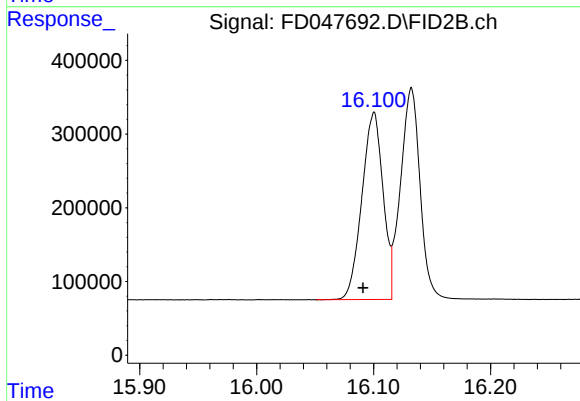
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min  
Delta R.T.: 0.006 min  
Response: 3057420  
Conc: 20.95 ug/ml



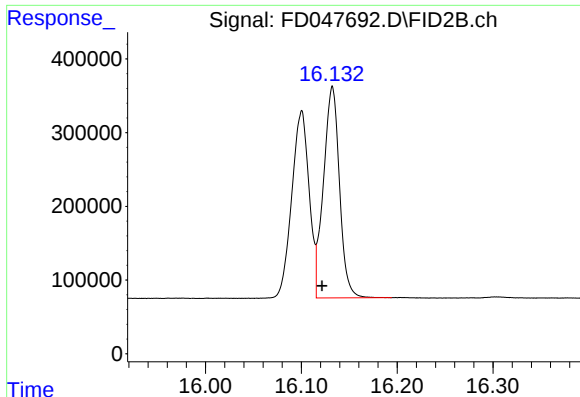
#15 Chrysene (C27.41)

R.T.: 14.594 min  
Delta R.T.: 0.008 min  
Response: 3311848  
Conc: 21.02 ug/ml



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

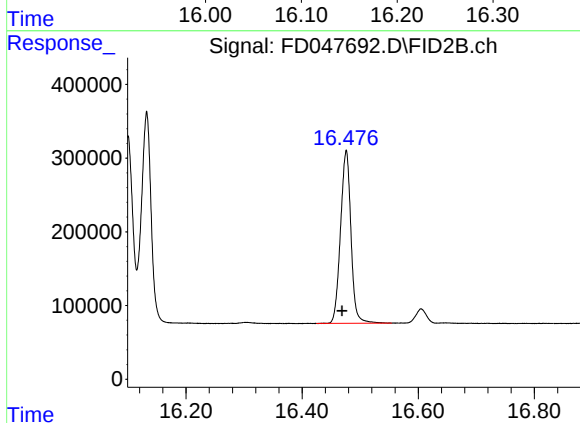
R.T.: 16.100 min  
Delta R.T.: 0.009 min  
Response: 3191022  
Conc: 21.36 ug/ml



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

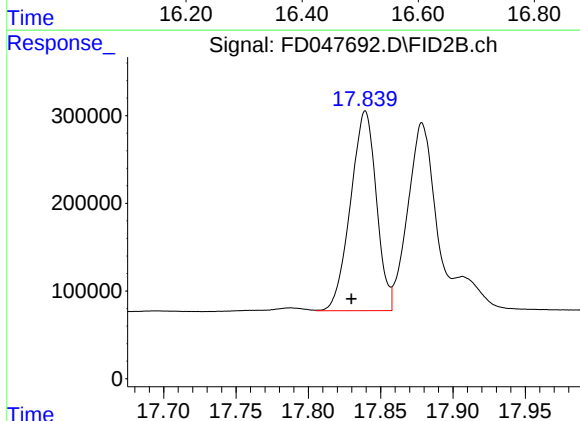
R.T.: 16.132 min  
Delta R.T.: 0.011 min  
Response: 3334092  
Conc: 22.15 ug/ml

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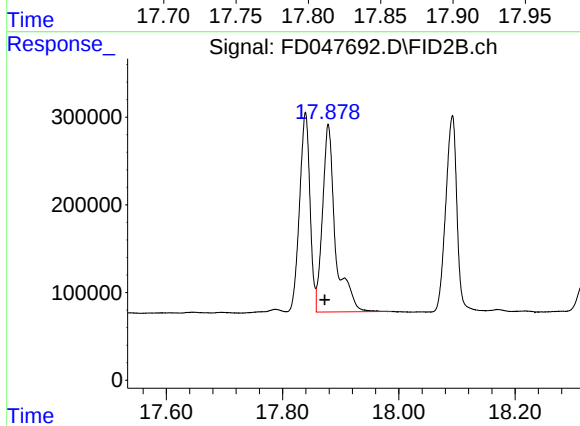
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.476 min  
Delta R.T.: 0.007 min  
Response: 2921341  
Conc: 20.25 ug/ml



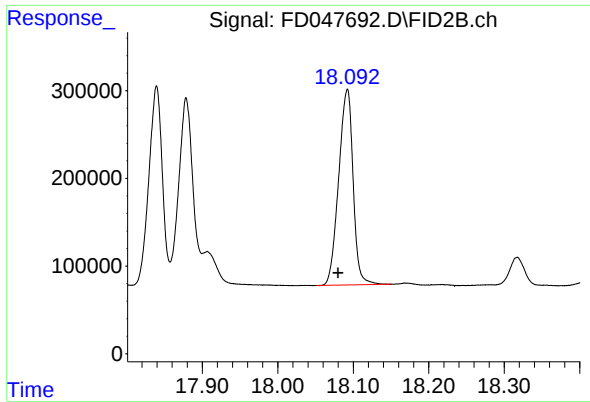
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min  
Delta R.T.: 0.010 min  
Response: 2829703  
Conc: 20.85 ug/ml



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

R.T.: 17.879 min  
Delta R.T.: 0.006 min  
Response: 3317518  
Conc: 23.17 ug/ml



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

R.T.: 18.092 min  
Delta R.T.: 0.012 min  
Response: 2966329  
Conc: 21.61 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD