

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072423AR\  
 Data File : FD046199.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Jul 2023 12:03  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jul 24 12:50:05 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...      | 7.505  | 2909229    | 19.462 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.92%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.360  | 1832298    | 19.573 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.15%       |
| 11) S ortho-Terphenyl (SURR)       | 11.397 | 3469291    | 19.865 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.73%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.318  | 3470968    | 19.051 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.845  | 3480332    | 19.269 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.894  | 3413905    | 19.397 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.164  | 2976756    | 19.510 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.459  | 3188001    | 19.551 ug/ml |
| 8) T Flouorene (C16.55)            | 9.237  | 3001380    | 19.725 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.626 | 2836442    | 19.698 ug/ml |
| 10) T Anthracene (C19.43)          | 10.701 | 2563403    | 19.587 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.429 | 2754847    | 19.715 ug/ml |
| 13) T Pyrene (C20.8)               | 12.724 | 2692475    | 19.427 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.588 | 2536715    | 19.326 ug/ml |
| 15) T Chrysene (C27.41)            | 14.631 | 2653455    | 18.819 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.130 | 2705798    | 19.784 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.163 | 2642074    | 19.275 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.505 | 2589606    | 19.891 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.863 | 2480605    | 20.625 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.904 | 2452972    | 19.180 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.115 | 2593057    | 20.439 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

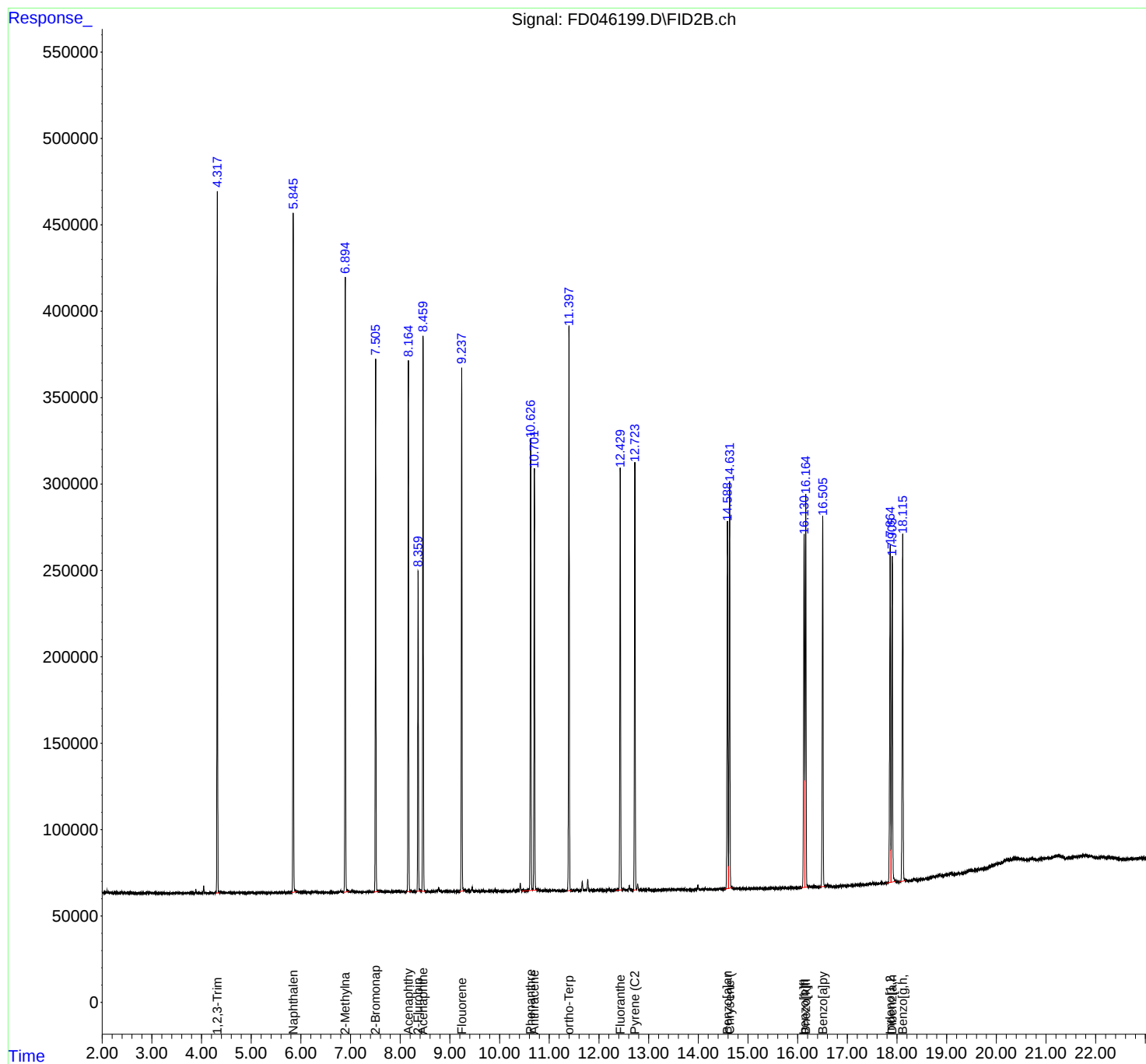
(m)=manual int.

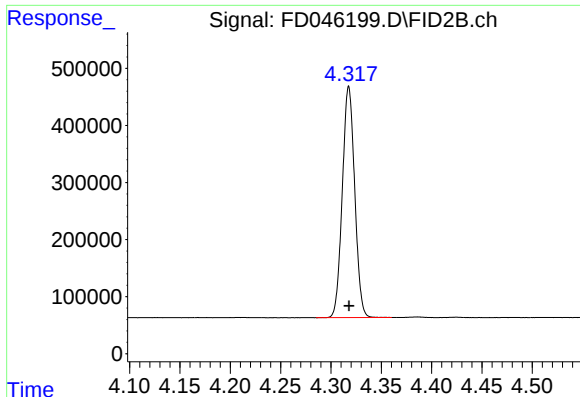
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072423AR\  
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QLast Update : Thu Jul 20 03:07:14 2023  
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Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

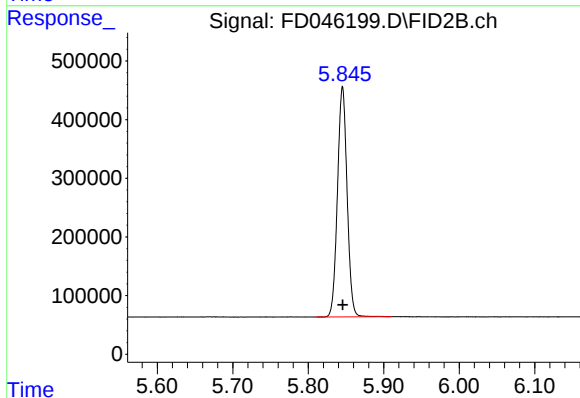




#1 1,2,3-Trimethylbenzene (C10.1)

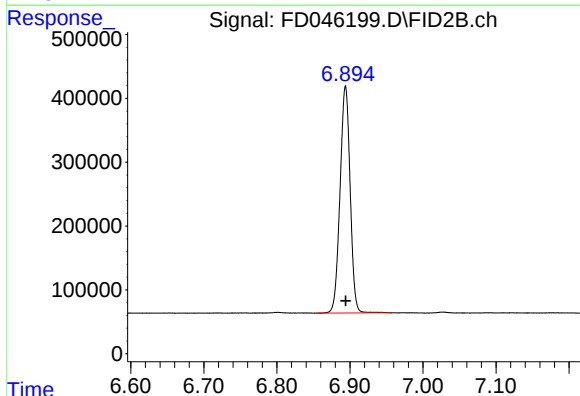
R.T.: 4.318 min  
Delta R.T.: 0.000 min  
Response: 3470968  
Conc: 19.05 ug/ml

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20 PPM AROMATIC HC STD



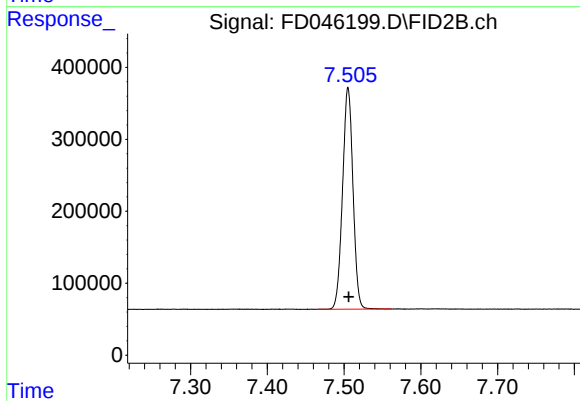
#2 Naphthalene (C11.7)

R.T.: 5.845 min  
Delta R.T.: 0.000 min  
Response: 3480332  
Conc: 19.27 ug/ml



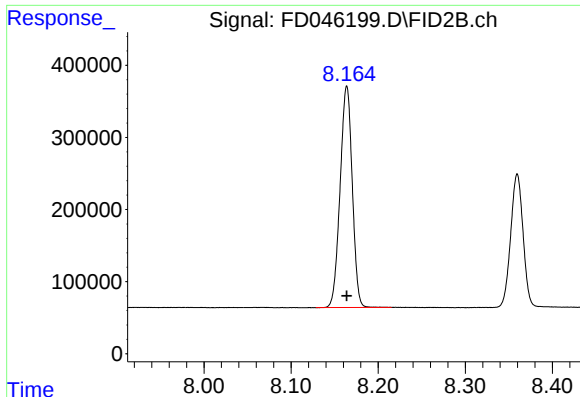
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min  
Delta R.T.: 0.000 min  
Response: 3413905  
Conc: 19.40 ug/ml



#4 2-Bromonaphthalene (SURR)

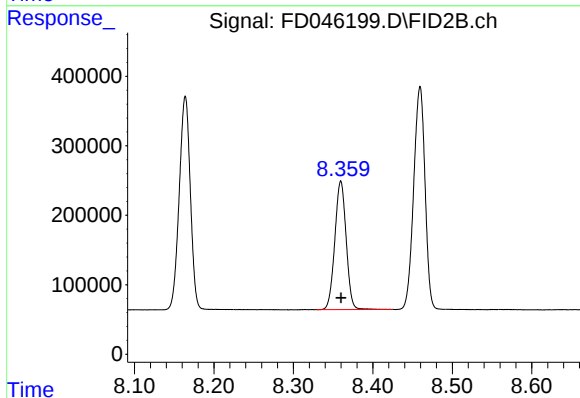
R.T.: 7.505 min  
Delta R.T.: 0.000 min  
Response: 2909229  
Conc: 19.46 ug/ml



#5 Acenaphthylene (C15.06)

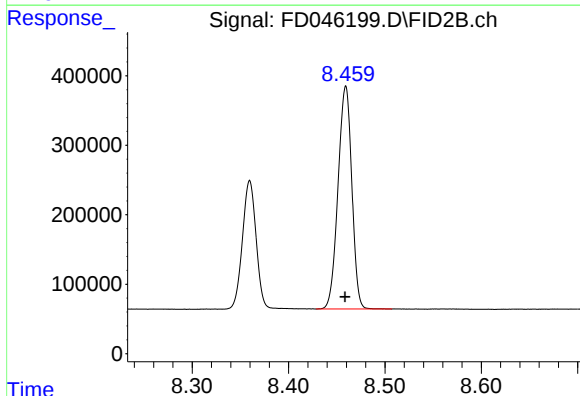
R.T.: 8.164 min  
Delta R.T.: 0.000 min  
Response: 2976756  
Conc: 19.51 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



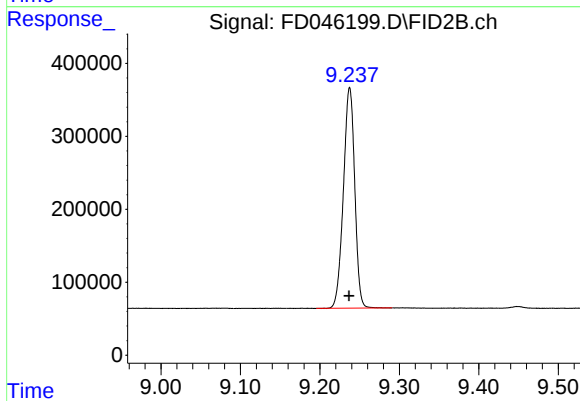
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min  
Delta R.T.: 0.000 min  
Response: 1832298  
Conc: 19.57 ug/ml



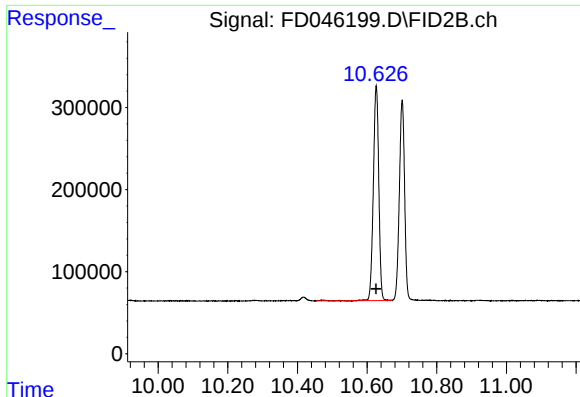
#7 Acenaphthene (C15.5)

R.T.: 8.459 min  
Delta R.T.: 0.000 min  
Response: 3188001  
Conc: 19.55 ug/ml



#8 Fluorene (C16.55)

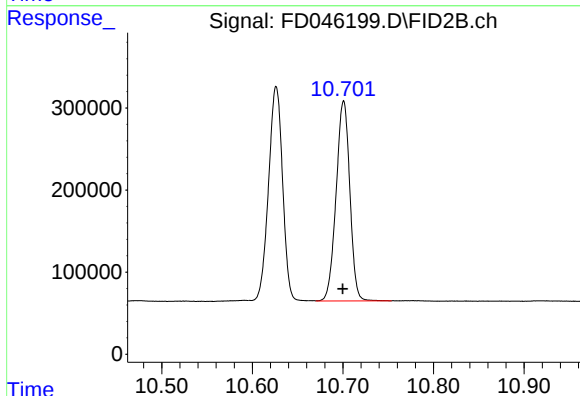
R.T.: 9.237 min  
Delta R.T.: 0.000 min  
Response: 3001380  
Conc: 19.73 ug/ml



#9 Phenanthrene (C19.36)

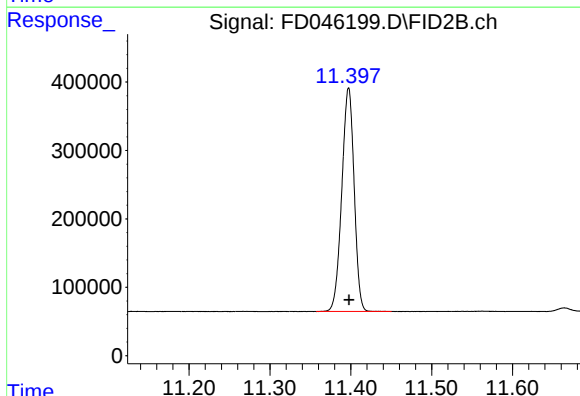
R.T.: 10.626 min  
Delta R.T.: 0.000 min  
Response: 2836442  
Conc: 19.70 ug/ml

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



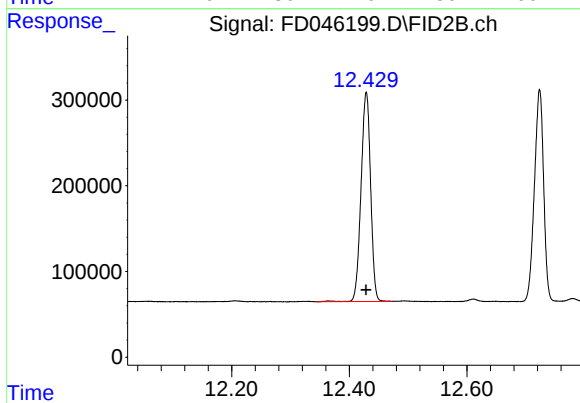
#10 Anthracene (C19.43)

R.T.: 10.701 min  
Delta R.T.: 0.001 min  
Response: 2563403  
Conc: 19.59 ug/ml



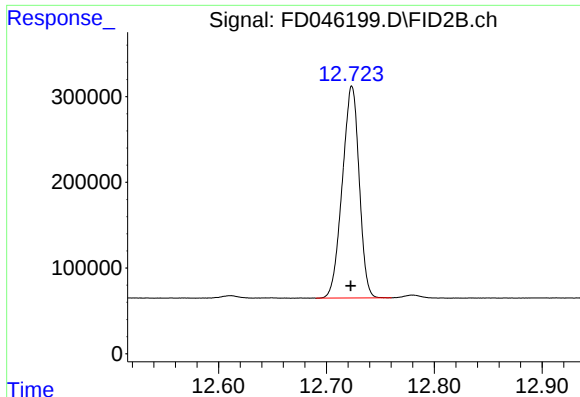
#11 ortho-Terphenyl (SURR)

R.T.: 11.397 min  
Delta R.T.: 0.000 min  
Response: 3469291  
Conc: 19.87 ug/ml



#12 Fluoranthene (C21.85)

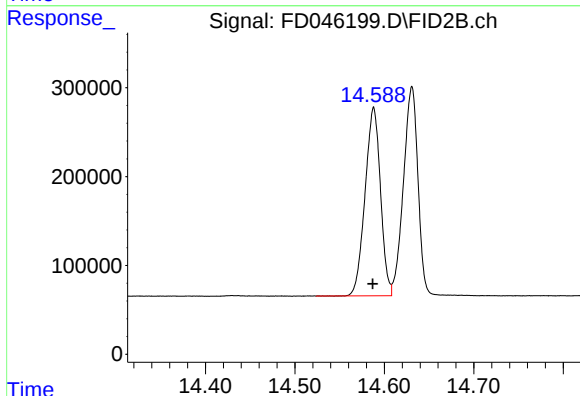
R.T.: 12.429 min  
Delta R.T.: 0.000 min  
Response: 2754847  
Conc: 19.72 ug/ml



#13 Pyrene (C20.8)

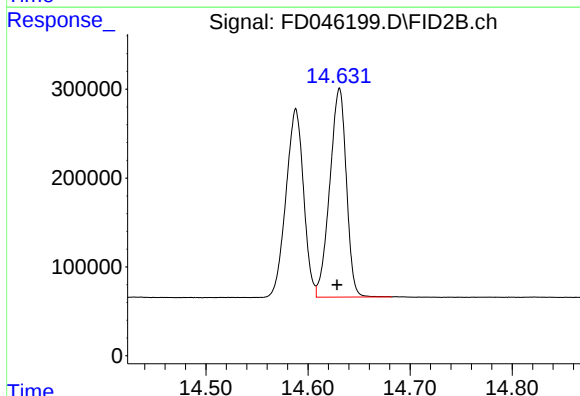
R.T.: 12.724 min  
Delta R.T.: 0.001 min  
Response: 2692475  
Conc: 19.43 ug/ml

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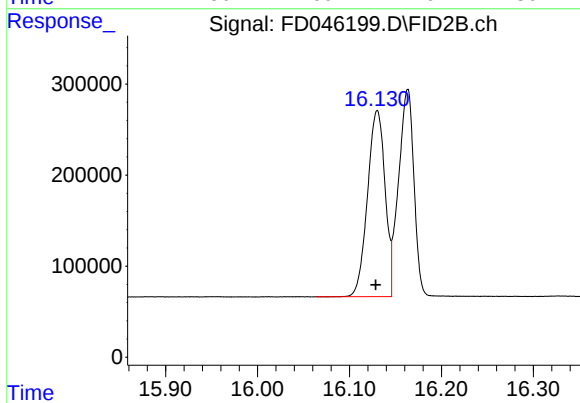
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min  
Delta R.T.: 0.000 min  
Response: 2536715  
Conc: 19.33 ug/ml



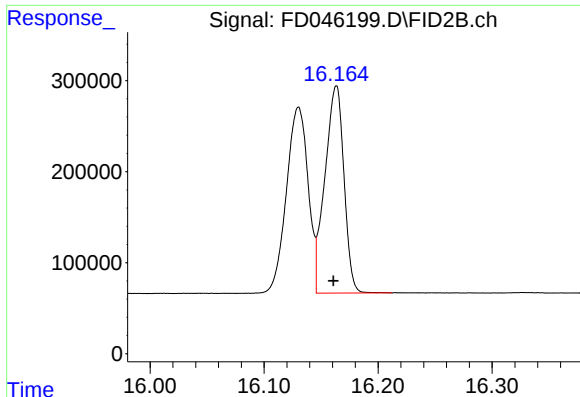
#15 Chrysene (C27.41)

R.T.: 14.631 min  
Delta R.T.: 0.002 min  
Response: 2653455  
Conc: 18.82 ug/ml



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

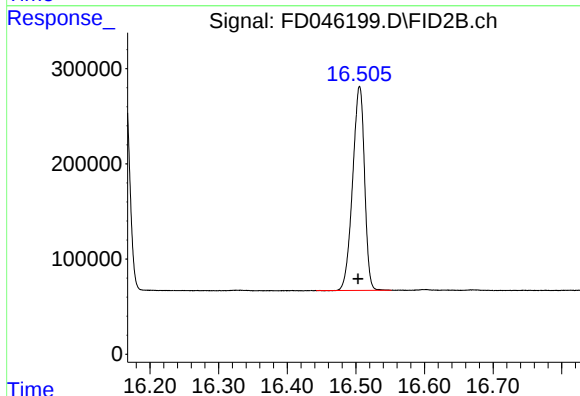
R.T.: 16.130 min  
Delta R.T.: 0.002 min  
Response: 2705798  
Conc: 19.78 ug/ml



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

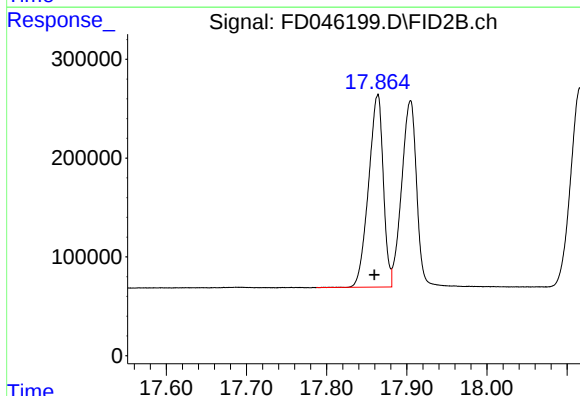
R.T.: 16.163 min  
Delta R.T.: 0.002 min  
Response: 2642074  
Conc: 19.28 ug/ml

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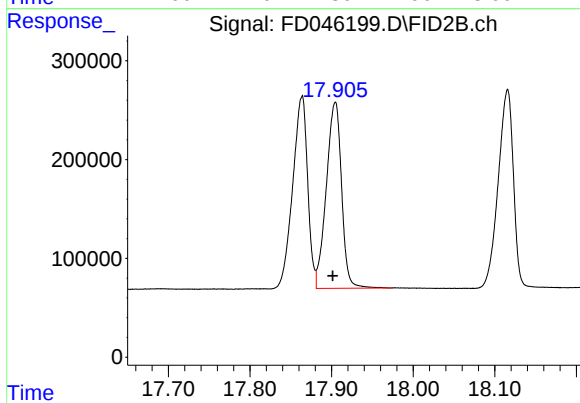
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min  
Delta R.T.: 0.002 min  
Response: 2589606  
Conc: 19.89 ug/ml



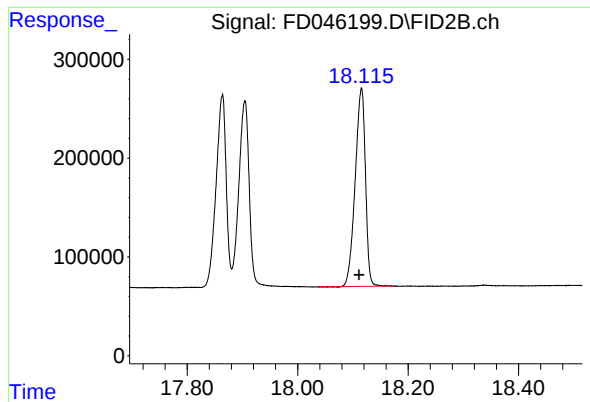
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.863 min  
Delta R.T.: 0.004 min  
Response: 2480605  
Conc: 20.62 ug/ml



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

R.T.: 17.904 min  
Delta R.T.: 0.003 min  
Response: 2452972  
Conc: 19.18 ug/ml



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

R.T.: 18.115 min  
Delta R.T.: 0.004 min  
Response: 2593057  
Conc: 20.44 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD