

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022724AR\  
 Data File : FD047337.D  
 Signal(s) : FID2B.ch  
 Acq On : 27 Feb 2024 10:59  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Feb 28 01:53:43 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...      | 7.462  | 3189068    | 20.947 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.89%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.315  | 2119220    | 20.966 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.93%       |
| 11) S ortho-Terphenyl (SURR)       | 11.352 | 3651147    | 20.702 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.40%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.278  | 3298714    | 20.925 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.803  | 3495668    | 21.033 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.850  | 3530964    | 20.938 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.118  | 3202351    | 20.806 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.413  | 3421784    | 20.759 ug/ml |
| 8) T Flouorene (C16.55)            | 9.191  | 3315951    | 20.915 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.579 | 3153705    | 20.300 ug/ml |
| 10) T Anthracene (C19.43)          | 10.653 | 2635663    | 17.873 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.382 | 3223913    | 20.822 ug/ml |
| 13) T Pyrene (C20.8)               | 12.676 | 3084058    | 20.502 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.541 | 2714780    | 20.196 ug/ml |
| 15) T Chrysene (C27.41)            | 14.582 | 2894078    | 19.764 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.084 | 2791209    | 20.272 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.115 | 2840972    | 20.474 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.458 | 2721124    | 20.100 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.816 | 2607260    | 20.652 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.857 | 2809244    | 21.084 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.067 | 2735452    | 20.630 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

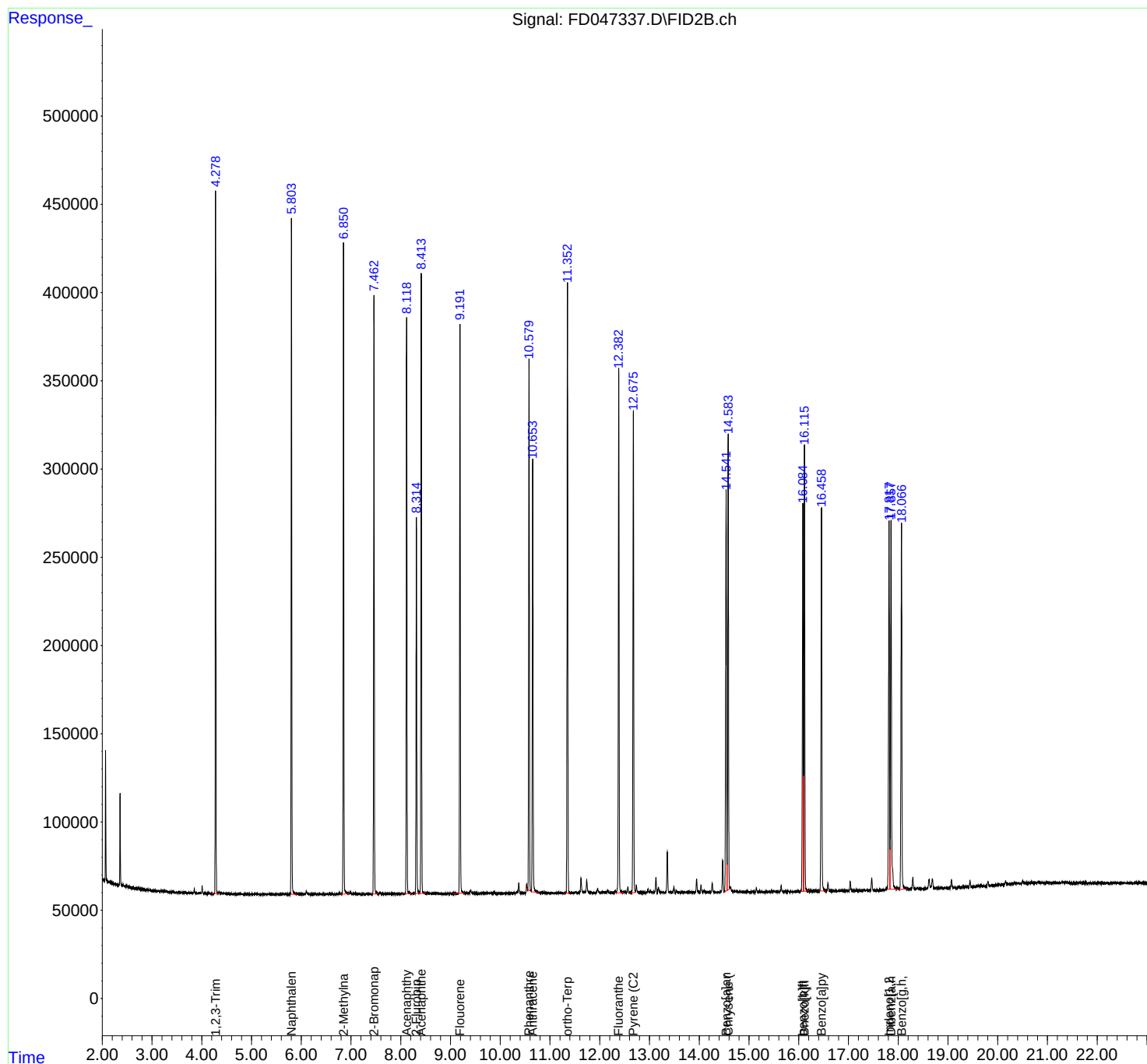
(m)=manual int.

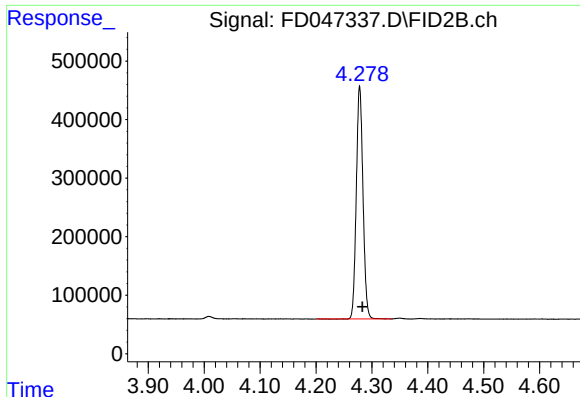
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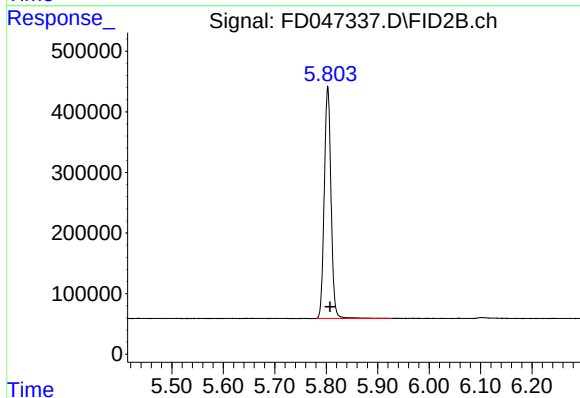




#1 1,2,3-Trimethylbenzene (C10.1)

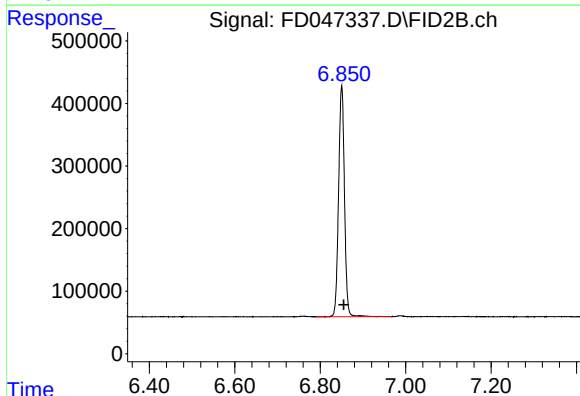
R.T.: 4.278 min  
Delta R.T.: -0.005 min  
Response: 3298714  
Conc: 20.92 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



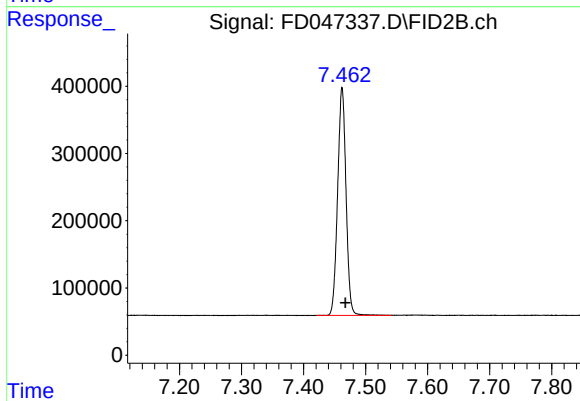
#2 Naphthalene (C11.7)

R.T.: 5.803 min  
Delta R.T.: -0.005 min  
Response: 3495668  
Conc: 21.03 ug/ml



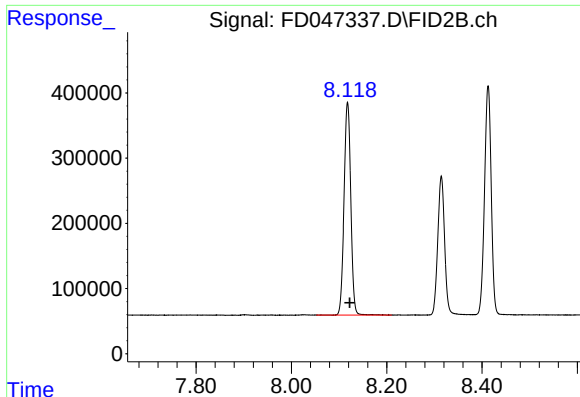
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min  
Delta R.T.: -0.005 min  
Response: 3530964  
Conc: 20.94 ug/ml



#4 2-Bromonaphthalene (SURR)

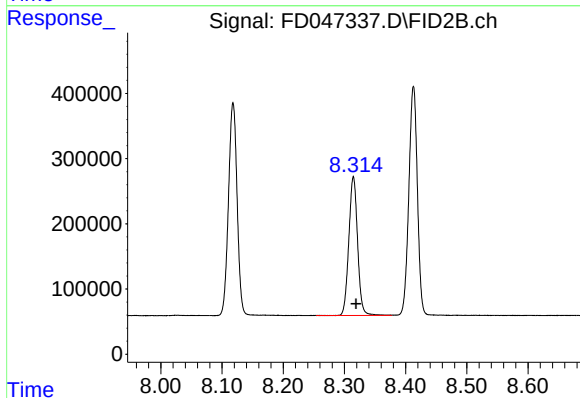
R.T.: 7.462 min  
Delta R.T.: -0.005 min  
Response: 3189068  
Conc: 20.95 ug/ml



#5 Acenaphthylene (C15.06)

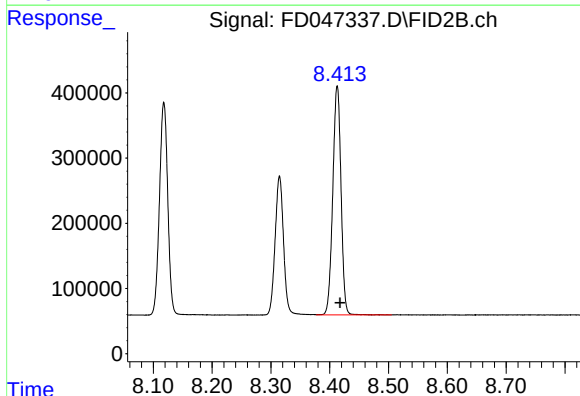
R.T.: 8.118 min  
Delta R.T.: -0.005 min  
Response: 3202351  
Conc: 20.81 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



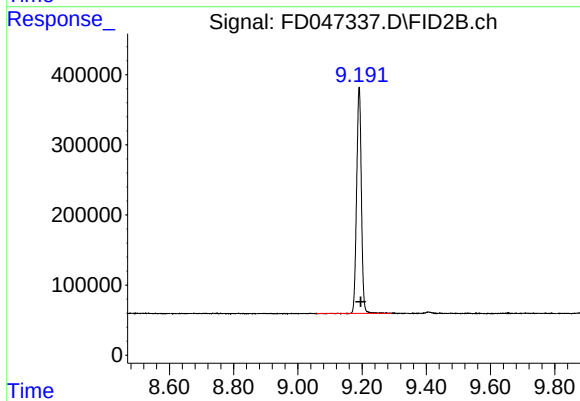
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min  
Delta R.T.: -0.005 min  
Response: 2119220  
Conc: 20.97 ug/ml



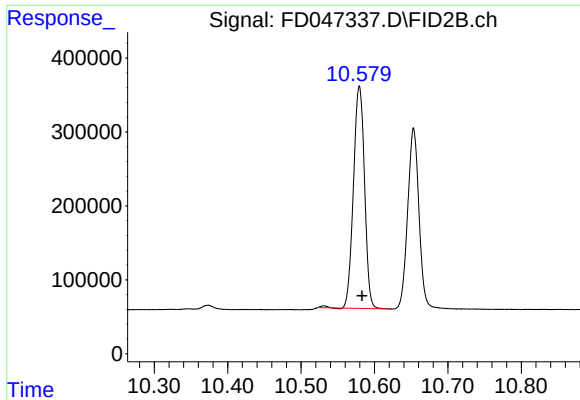
#7 Acenaphthene (C15.5)

R.T.: 8.413 min  
Delta R.T.: -0.005 min  
Response: 3421784  
Conc: 20.76 ug/ml



#8 Fluorene (C16.55)

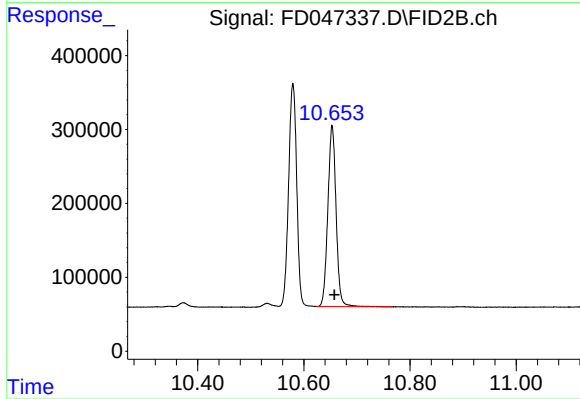
R.T.: 9.191 min  
Delta R.T.: -0.005 min  
Response: 3315951  
Conc: 20.91 ug/ml



#9 Phenanthrene (C19.36)

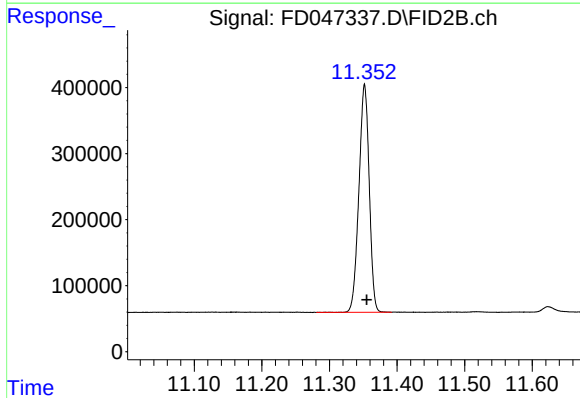
R.T.: 10.579 min  
Delta R.T.: -0.004 min  
Response: 3153705  
Conc: 20.30 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



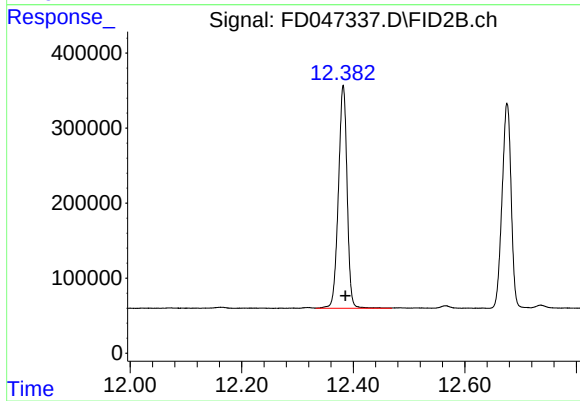
#10 Anthracene (C19.43)

R.T.: 10.653 min  
Delta R.T.: -0.004 min  
Response: 2635663  
Conc: 17.87 ug/ml



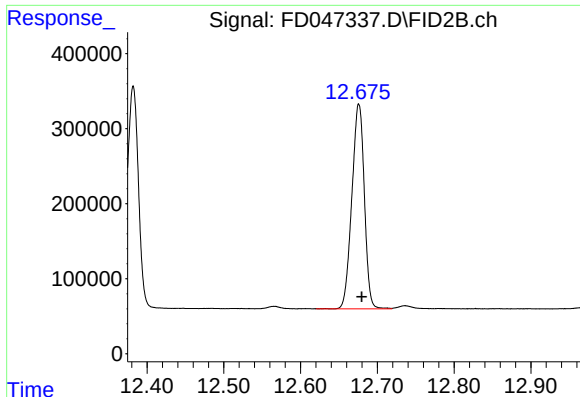
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min  
Delta R.T.: -0.003 min  
Response: 3651147  
Conc: 20.70 ug/ml



#12 Fluoranthene (C21.85)

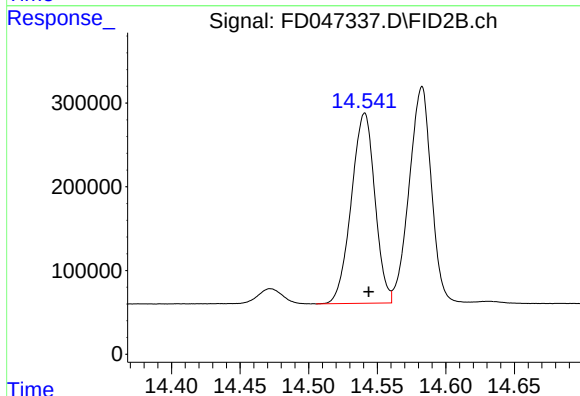
R.T.: 12.382 min  
Delta R.T.: -0.004 min  
Response: 3223913  
Conc: 20.82 ug/ml



#13 Pyrene (C20.8)

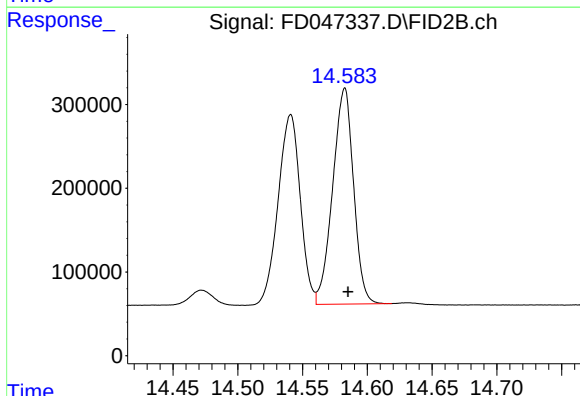
R.T.: 12.676 min  
Delta R.T.: -0.004 min  
Response: 3084058  
Conc: 20.50 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



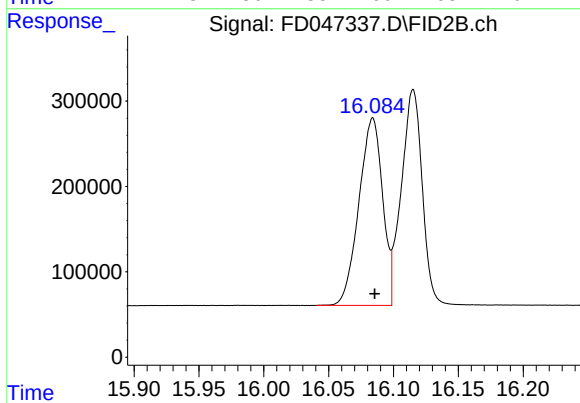
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min  
Delta R.T.: -0.003 min  
Response: 2714780  
Conc: 20.20 ug/ml



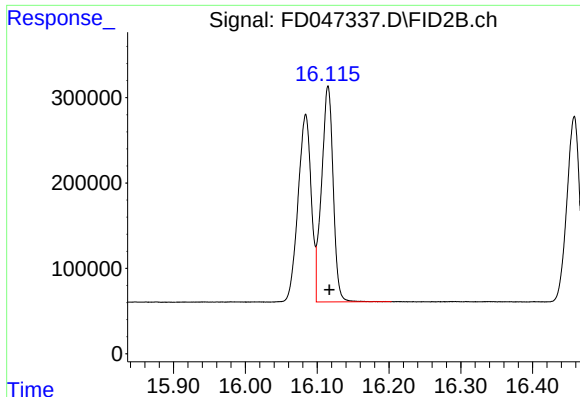
#15 Chrysene (C27.41)

R.T.: 14.582 min  
Delta R.T.: -0.003 min  
Response: 2894078  
Conc: 19.76 ug/ml



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

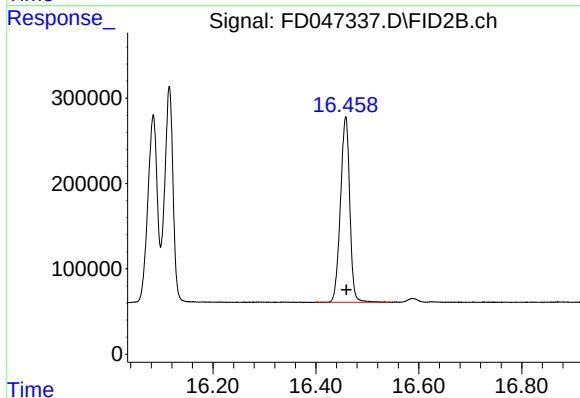
R.T.: 16.084 min  
Delta R.T.: -0.002 min  
Response: 2791209  
Conc: 20.27 ug/ml



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

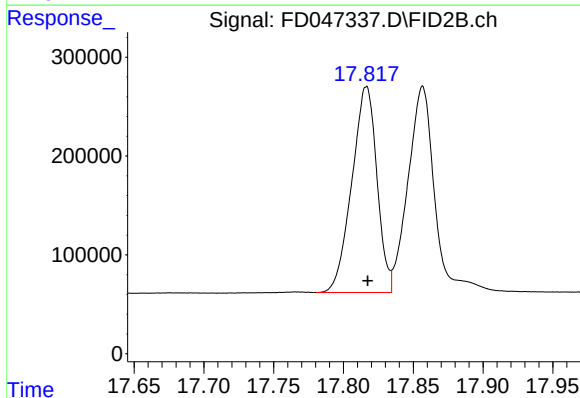
R.T.: 16.115 min  
Delta R.T.: -0.002 min  
Response: 2840972  
Conc: 20.47 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



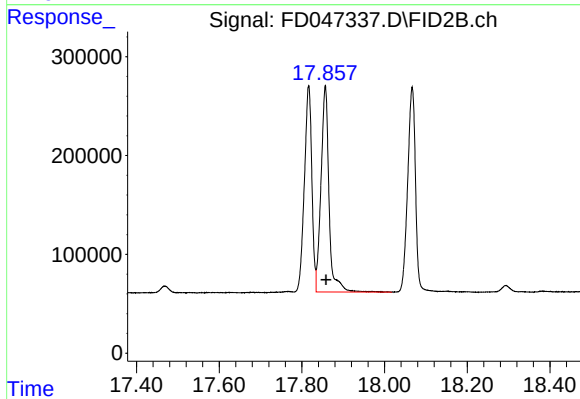
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min  
Delta R.T.: -0.002 min  
Response: 2721124  
Conc: 20.10 ug/ml



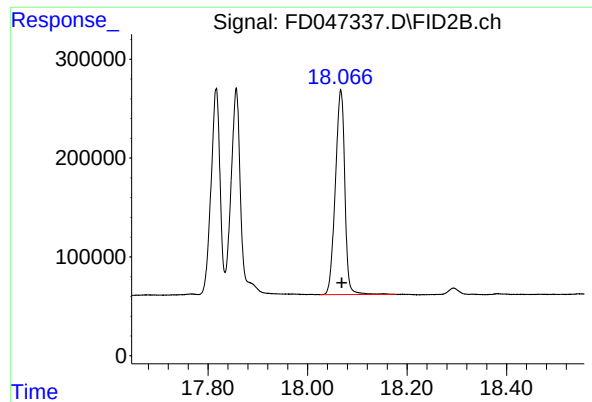
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.816 min  
Delta R.T.: -0.001 min  
Response: 2607260  
Conc: 20.65 ug/ml



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

R.T.: 17.857 min  
Delta R.T.: -0.002 min  
Response: 2809244  
Conc: 21.08 ug/ml



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

R.T.: 18.067 min  
Delta R.T.: -0.002 min  
Response: 2735452  
Conc: 20.63 ug/ml

Instrument :

FID\_D

ClientSampleId :