

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100325AR\  
 Data File : FD049817.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Oct 2025 14:08  
 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: Oct 04 04:18:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 100225.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 02 17:50:17 2025  
 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...      | 7.699  | 2387540    | 20.095 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.19%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.563  | 1714377    | 20.193 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.39%       |
| 11) S ortho-Terphenyl (SURR)       | 11.609 | 3012546    | 20.180 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.36%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.492  | 2275517    | 20.023 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.034  | 2650799    | 20.092 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.088  | 2771358    | 20.030 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.366  | 2916671    | 19.963 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.663  | 2927453    | 20.105 ug/ml |
| 8) T Flouorene (C16.55)            | 9.444  | 2952881    | 20.220 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.841 | 2964366    | 20.279 ug/ml |
| 10) T Anthracene (C19.43)          | 10.916 | 2577328    | 18.966 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.655 | 2896039    | 20.328 ug/ml |
| 13) T Pyrene (C20.8)               | 12.953 | 2859784    | 20.343 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.824 | 2526527    | 20.089 ug/ml |
| 15) T Chrysene (C27.41)            | 14.867 | 2602545    | 20.258 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.375 | 2522708    | 20.252 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.407 | 2380955    | 20.269 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.753 | 2423492    | 19.970 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.117 | 2275540    | 20.238 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.158 | 2740591    | 22.416 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.373 | 2407507    | 20.129 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

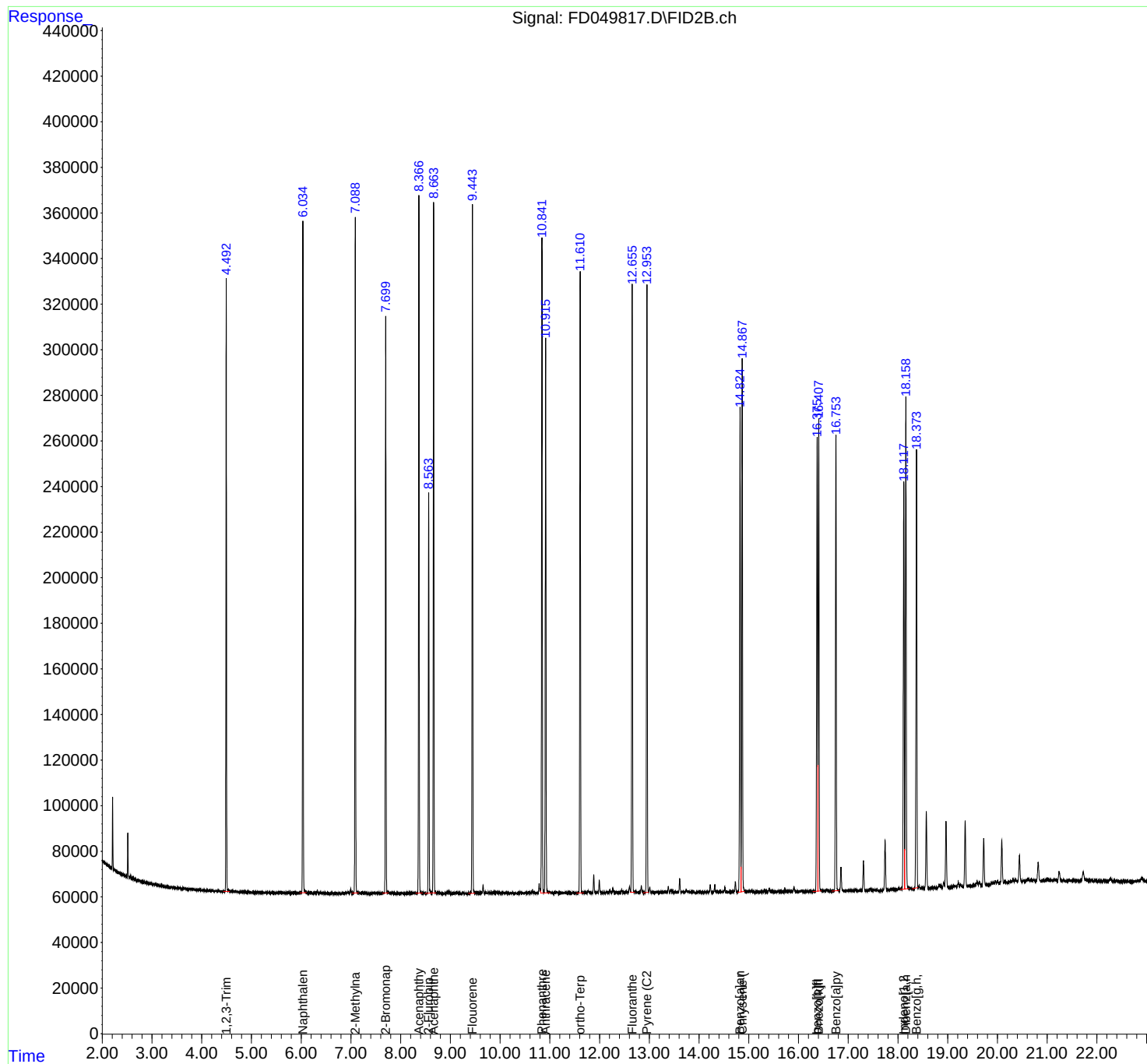
(m)=manual int.

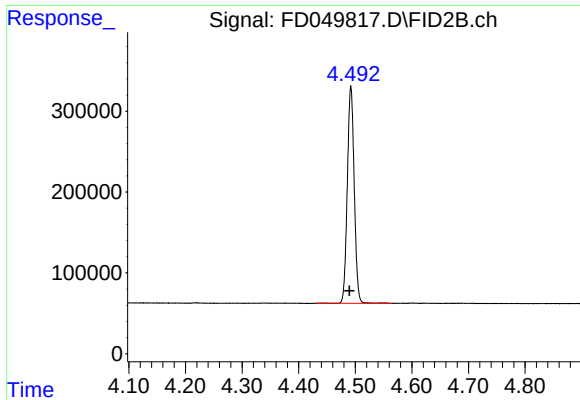
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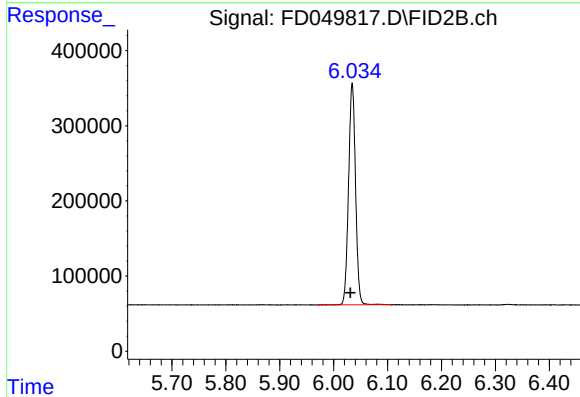




#1 1,2,3-Trimethylbenzene (C10.1)

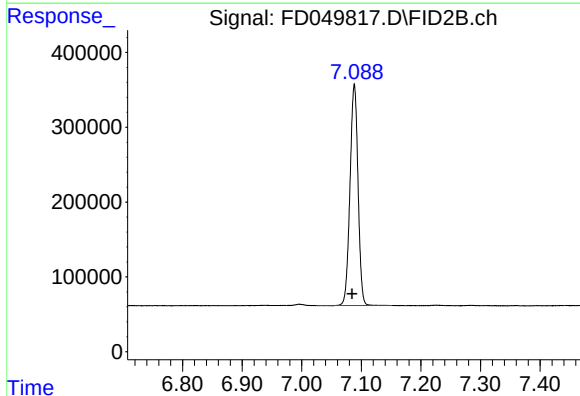
R.T.: 4.492 min  
Delta R.T.: 0.002 min  
Response: 2275517  
Conc: 20.02 ug/ml

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



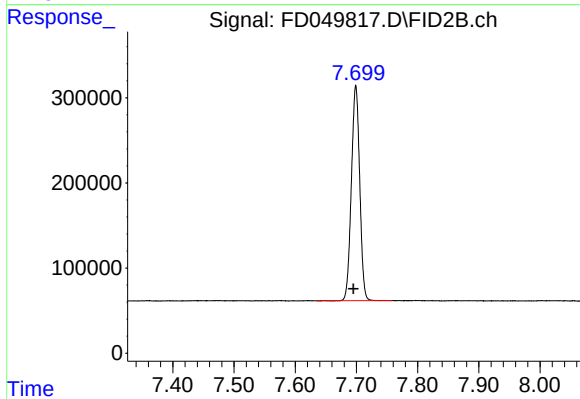
#2 Naphthalene (C11.7)

R.T.: 6.034 min  
Delta R.T.: 0.003 min  
Response: 2650799  
Conc: 20.09 ug/ml



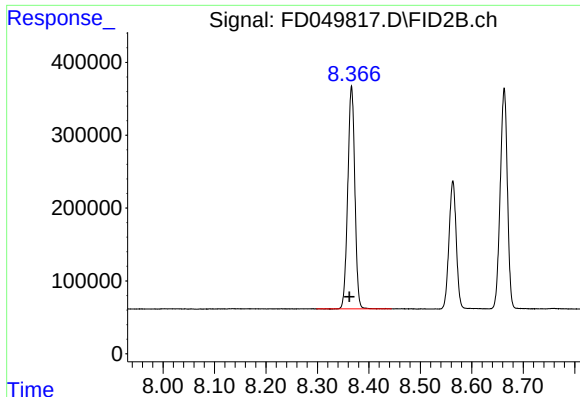
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min  
Delta R.T.: 0.004 min  
Response: 2771358  
Conc: 20.03 ug/ml



#4 2-Bromonaphthalene (SURR)

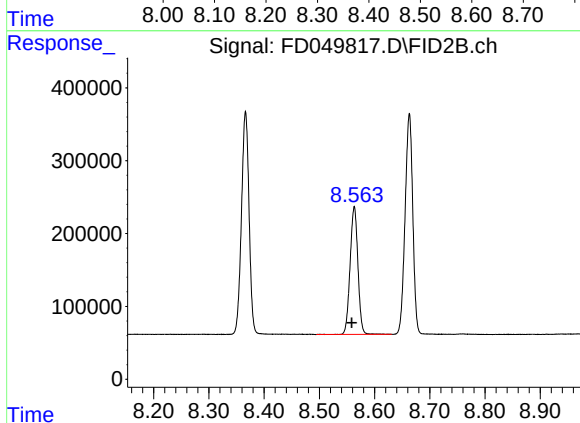
R.T.: 7.699 min  
Delta R.T.: 0.004 min  
Response: 2387540  
Conc: 20.09 ug/ml



#5 Acenaphthylene (C15.06)

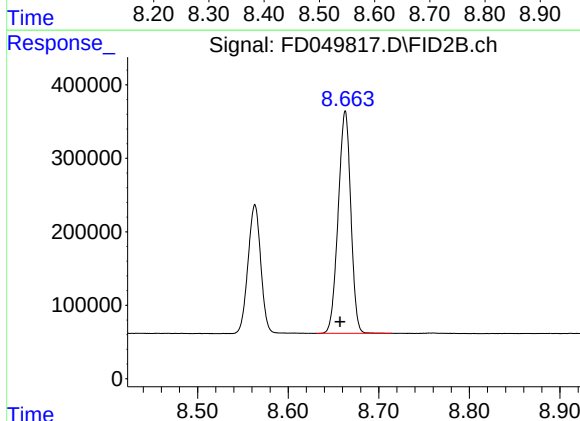
R.T.: 8.366 min  
Delta R.T.: 0.005 min  
Response: 2916671  
Conc: 19.96 ug/ml

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



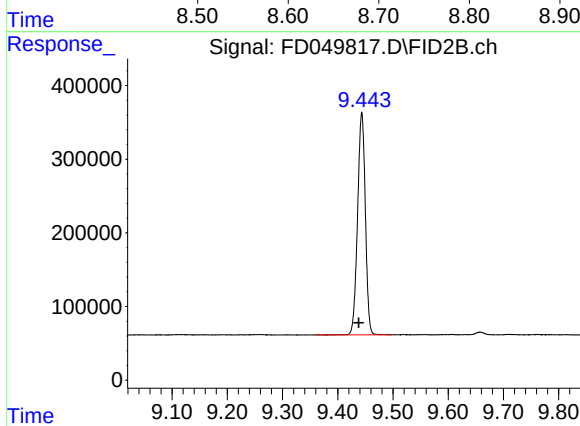
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min  
Delta R.T.: 0.005 min  
Response: 1714377  
Conc: 20.19 ug/ml



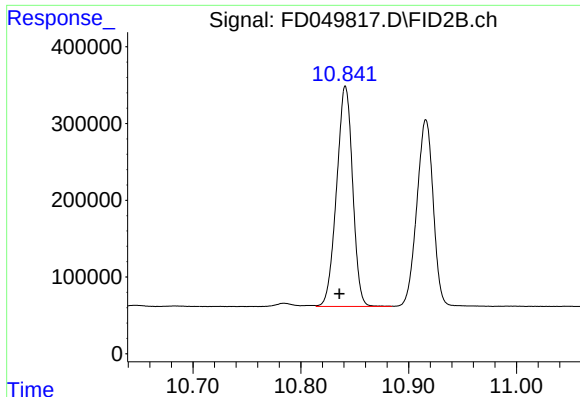
#7 Acenaphthene (C15.5)

R.T.: 8.663 min  
Delta R.T.: 0.006 min  
Response: 2927453  
Conc: 20.10 ug/ml



#8 Fluorene (C16.55)

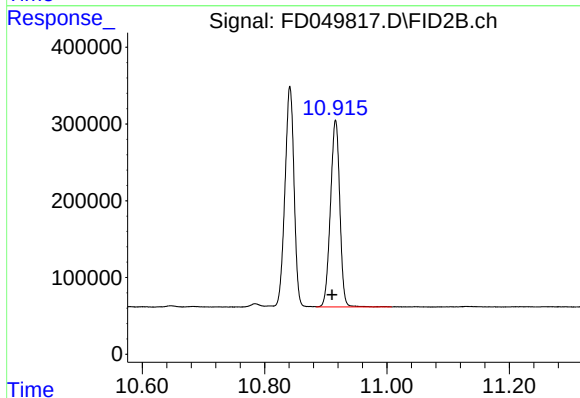
R.T.: 9.444 min  
Delta R.T.: 0.005 min  
Response: 2952881  
Conc: 20.22 ug/ml



#9 Phenanthrene (C19.36)

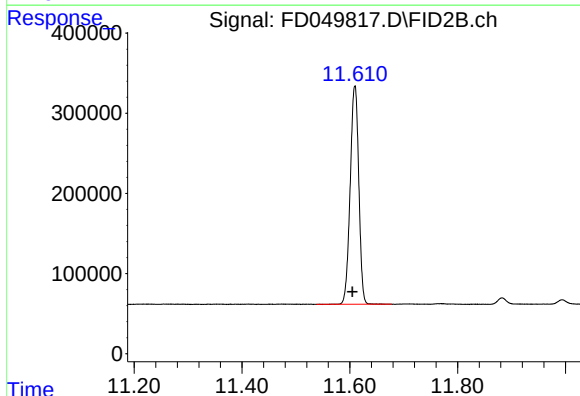
R.T.: 10.841 min  
Delta R.T.: 0.006 min  
Response: 2964366  
Conc: 20.28 ug/ml

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



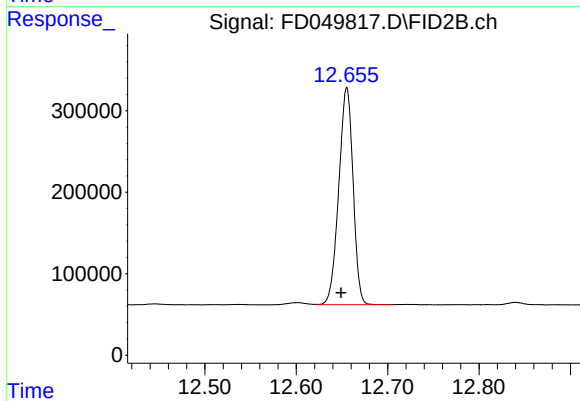
#10 Anthracene (C19.43)

R.T.: 10.916 min  
Delta R.T.: 0.006 min  
Response: 2577328  
Conc: 18.97 ug/ml



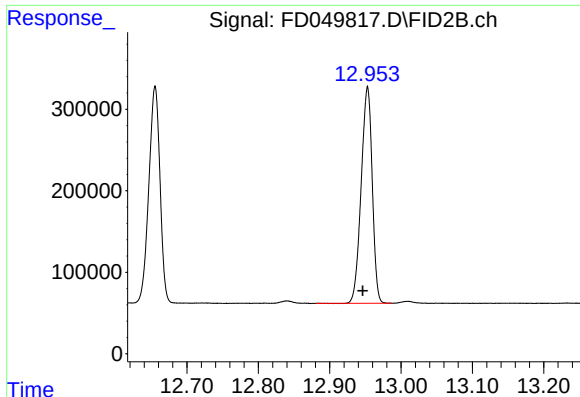
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min  
Delta R.T.: 0.005 min  
Response: 3012546  
Conc: 20.18 ug/ml



#12 Fluoranthene (C21.85)

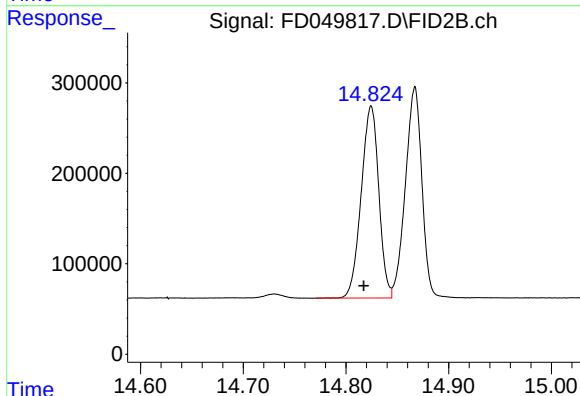
R.T.: 12.655 min  
Delta R.T.: 0.006 min  
Response: 2896039  
Conc: 20.33 ug/ml



#13 Pyrene (C20.8)

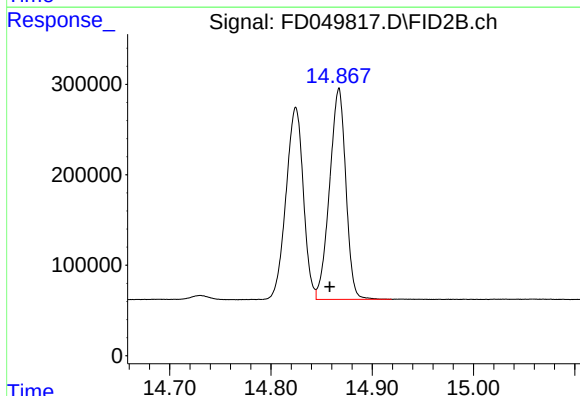
R.T.: 12.953 min  
Delta R.T.: 0.006 min  
Response: 2859784  
Conc: 20.34 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



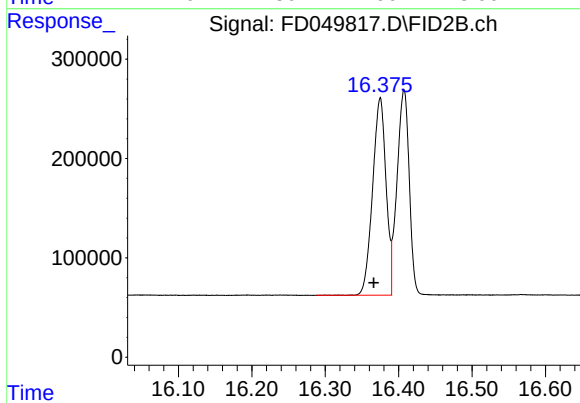
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min  
Delta R.T.: 0.007 min  
Response: 2526527  
Conc: 20.09 ug/ml



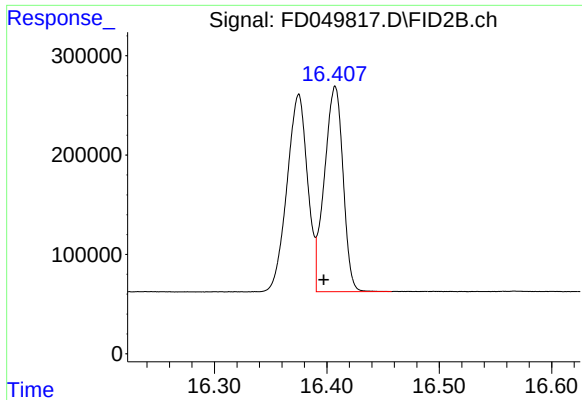
#15 Chrysene (C27.41)

R.T.: 14.867 min  
Delta R.T.: 0.009 min  
Response: 2602545  
Conc: 20.26 ug/ml



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

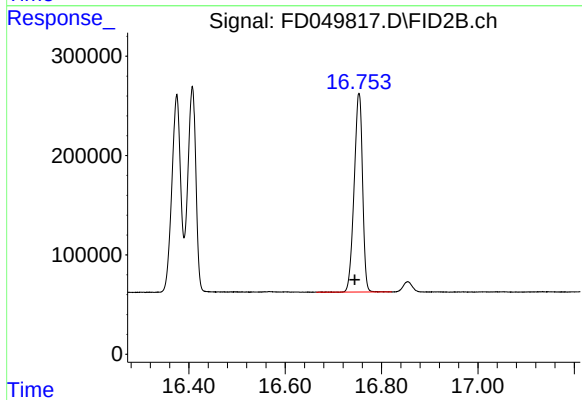
R.T.: 16.375 min  
Delta R.T.: 0.008 min  
Response: 2522708  
Conc: 20.25 ug/ml



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

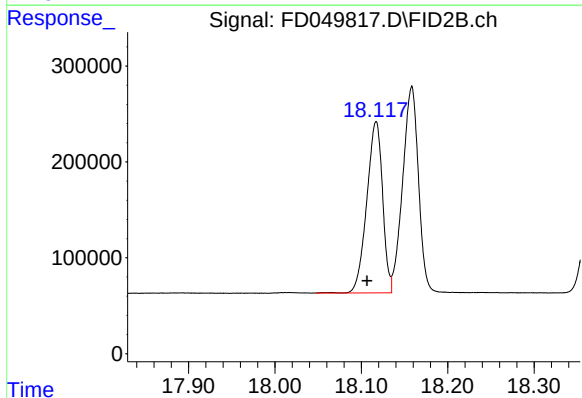
R.T.: 16.407 min  
Delta R.T.: 0.010 min  
Response: 2380955  
Conc: 20.27 ug/ml

Instrument :  
FID\_D  
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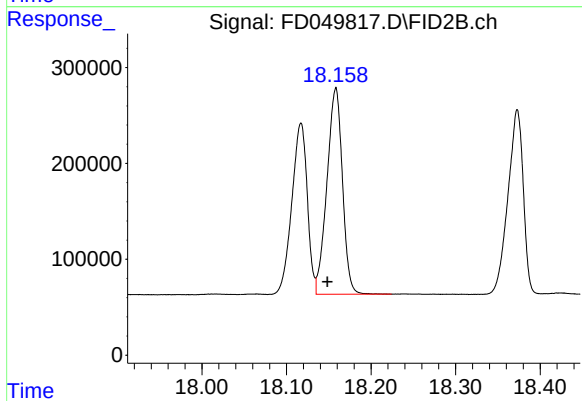
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.753 min  
Delta R.T.: 0.009 min  
Response: 2423492  
Conc: 19.97 ug/ml



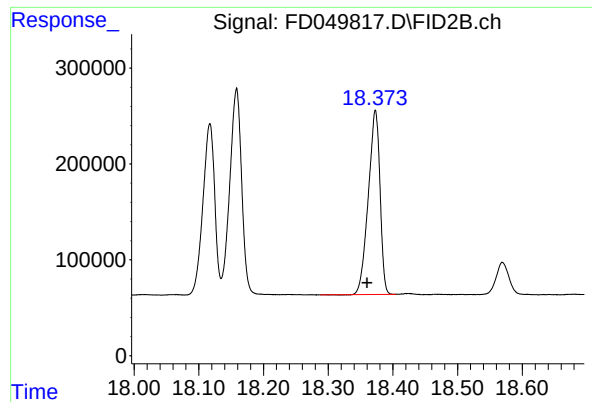
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.117 min  
Delta R.T.: 0.010 min  
Response: 2275540  
Conc: 20.24 ug/ml



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

R.T.: 18.158 min  
Delta R.T.: 0.009 min  
Response: 2740591  
Conc: 22.42 ug/ml



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

R.T.: 18.373 min  
Delta R.T.: 0.013 min  
Response: 2407507  
Conc: 20.13 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD