

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101525AR\  
 Data File : FD049842.D  
 Signal(s) : FID2B.ch  
 Acq On : 15 Oct 2025 12:40  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 16 03:36:30 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...      | 7.702  | 2625190    | 22.095 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.19%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.567  | 1847657    | 21.763 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.53%       |
| 11) S ortho-Terphenyl (SURR)       | 11.613 | 3296412    | 22.081 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.16%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.494  | 2538057    | 22.334 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.037  | 2945278    | 22.324 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.091  | 3065176    | 22.153 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.370  | 3201731    | 21.914 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.666  | 3221236    | 22.122 ug/ml |
| 8) T Flouorene (C16.55)            | 9.447  | 3164913    | 21.672 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.846 | 3141588    | 21.491 ug/ml |
| 10) T Anthracene (C19.43)          | 10.920 | 2615324    | 19.245 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.660 | 3060393    | 21.482 ug/ml |
| 13) T Pyrene (C20.8)               | 12.957 | 3028401    | 21.543 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.829 | 2574925    | 20.474 ug/ml |
| 15) T Chrysene (C27.41)            | 14.871 | 2710335    | 21.097 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.380 | 2653852    | 21.305 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.412 | 2472887    | 21.052 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.758 | 2453313    | 20.215 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.121 | 2234684    | 19.875 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.162 | 2291463    | 18.743 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.377 | 2520479    | 21.073 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

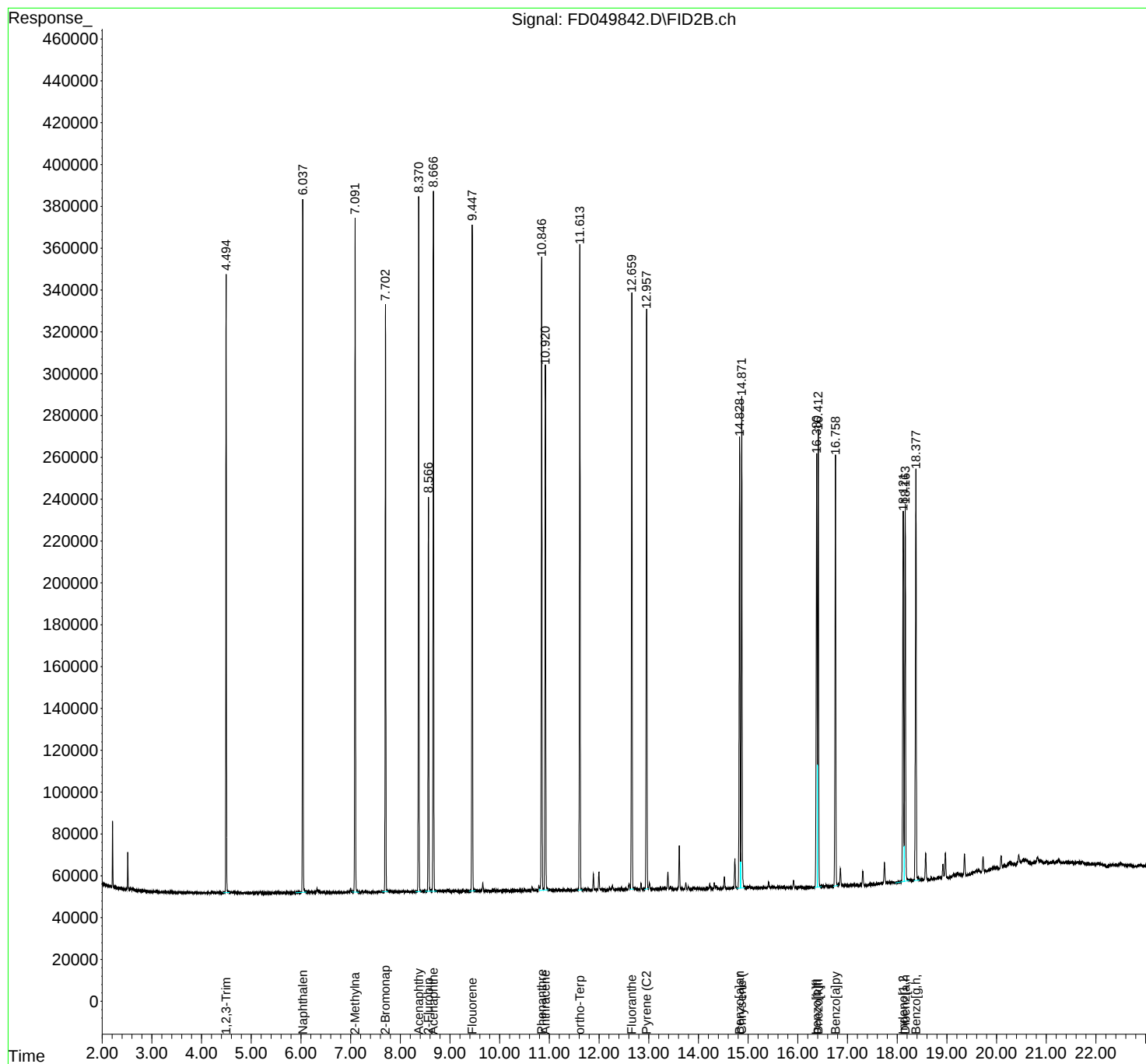
(m)=manual int.

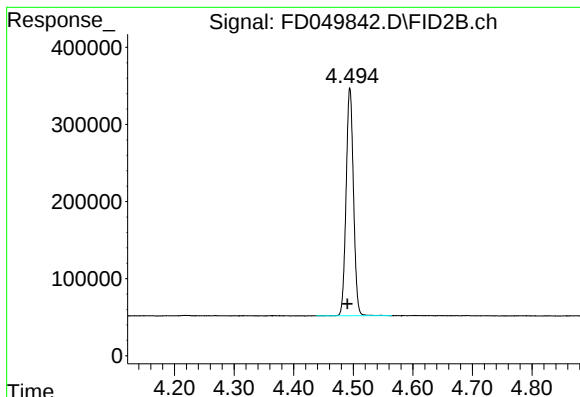
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101525AR\  
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Volume Inj. : 1 µl  
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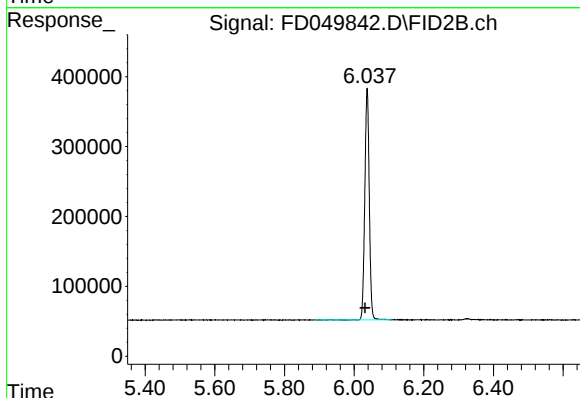




#1 1,2,3-Trimethylbenzene (C10.1)

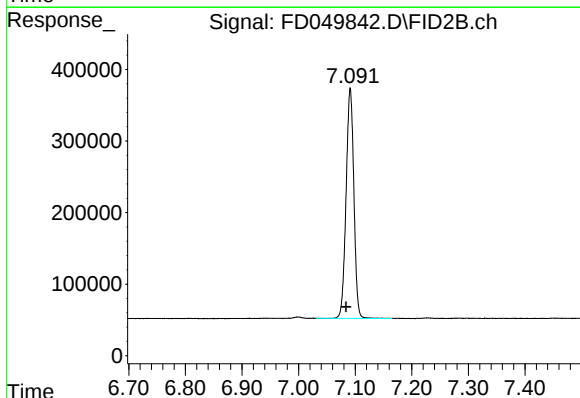
R.T.: 4.494 min  
Delta R.T.: 0.004 min  
Response: 2538057  
Conc: 22.33 ug/ml

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20 PPM AROMATIC HC STD



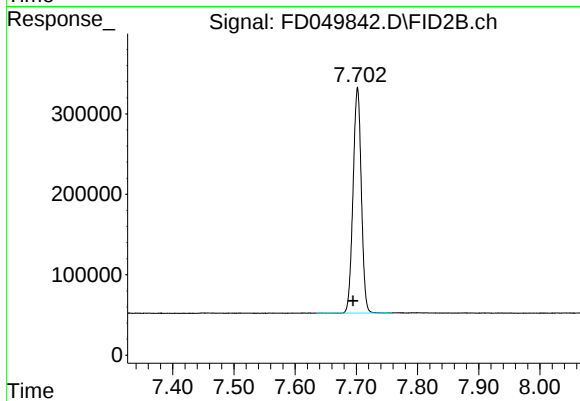
#2 Naphthalene (C11.7)

R.T.: 6.037 min  
Delta R.T.: 0.006 min  
Response: 2945278  
Conc: 22.32 ug/ml



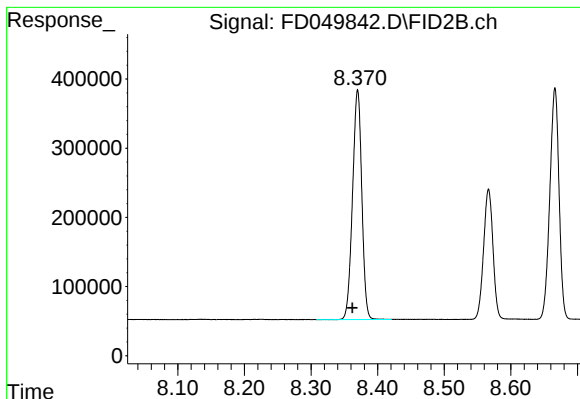
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.091 min  
Delta R.T.: 0.007 min  
Response: 3065176  
Conc: 22.15 ug/ml



#4 2-Bromonaphthalene (SURR)

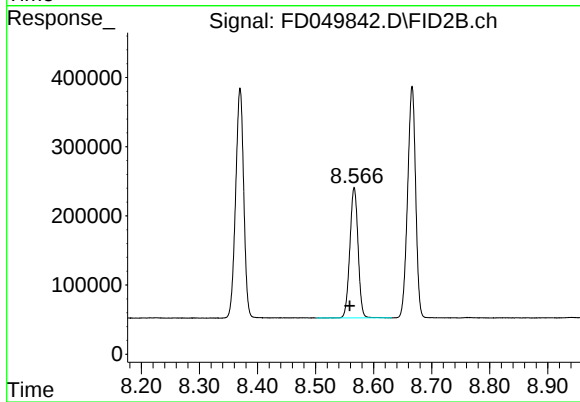
R.T.: 7.702 min  
Delta R.T.: 0.007 min  
Response: 2625190  
Conc: 22.09 ug/ml



#5 Acenaphthylene (C15.06)

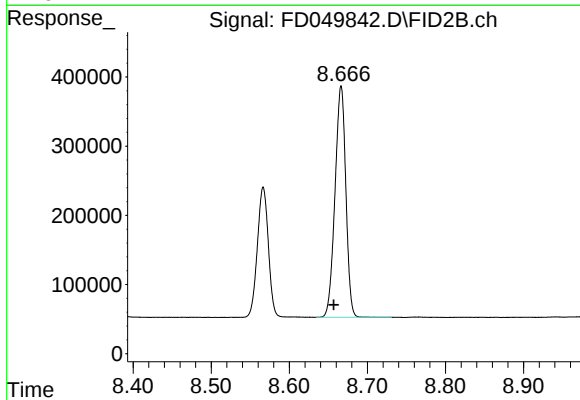
R.T.: 8.370 min  
Delta R.T.: 0.008 min  
Response: 3201731  
Conc: 21.91 ug/ml

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



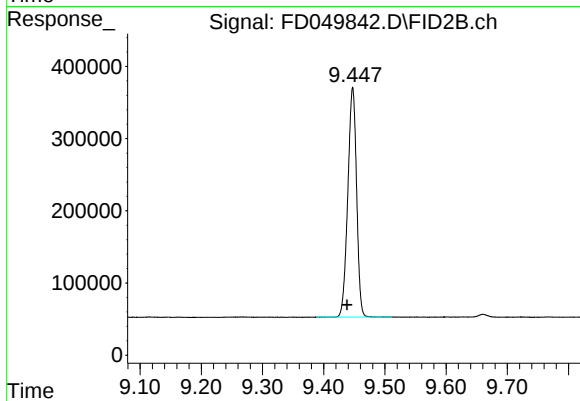
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.567 min  
Delta R.T.: 0.008 min  
Response: 1847657  
Conc: 21.76 ug/ml



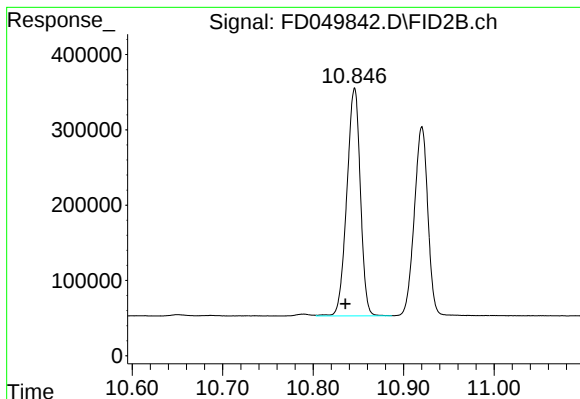
#7 Acenaphthene (C15.5)

R.T.: 8.666 min  
Delta R.T.: 0.009 min  
Response: 3221236  
Conc: 22.12 ug/ml



#8 Fluorene (C16.55)

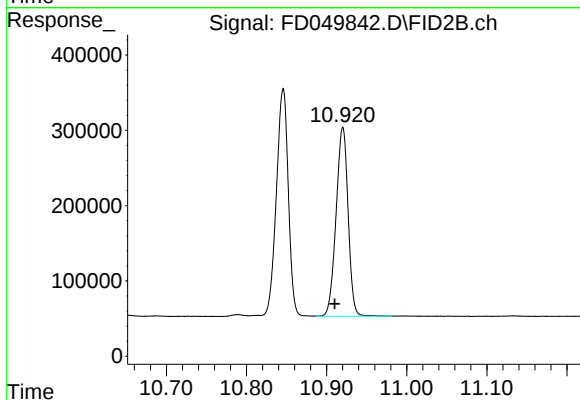
R.T.: 9.447 min  
Delta R.T.: 0.009 min  
Response: 3164913  
Conc: 21.67 ug/ml



#9 Phenanthrene (C19.36)

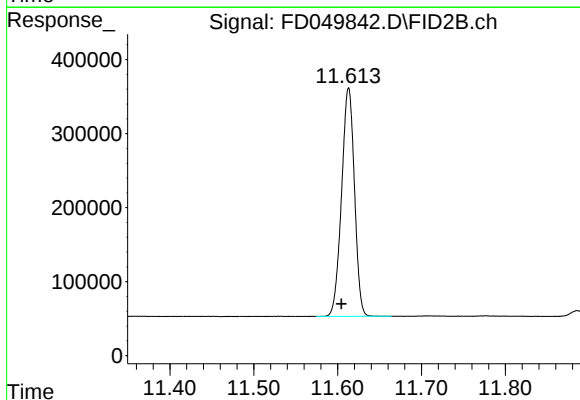
R.T.: 10.846 min  
Delta R.T.: 0.010 min  
Response: 3141588  
Conc: 21.49 ug/ml

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



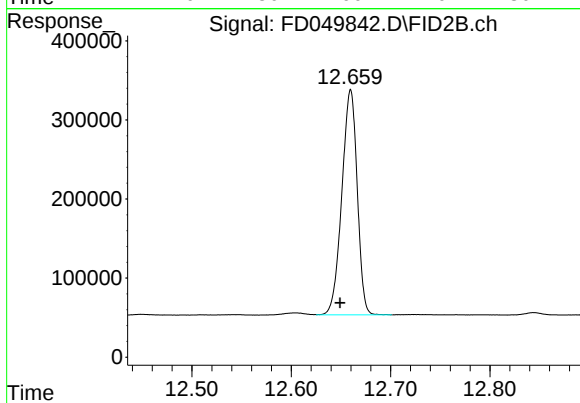
#10 Anthracene (C19.43)

R.T.: 10.920 min  
Delta R.T.: 0.010 min  
Response: 2615324  
Conc: 19.25 ug/ml



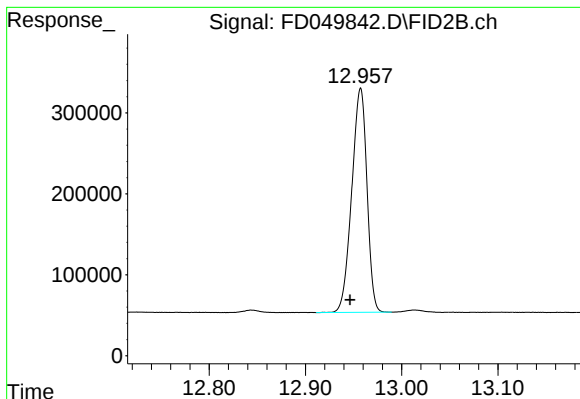
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min  
Delta R.T.: 0.009 min  
Response: 3296412  
Conc: 22.08 ug/ml



#12 Fluoranthene (C21.85)

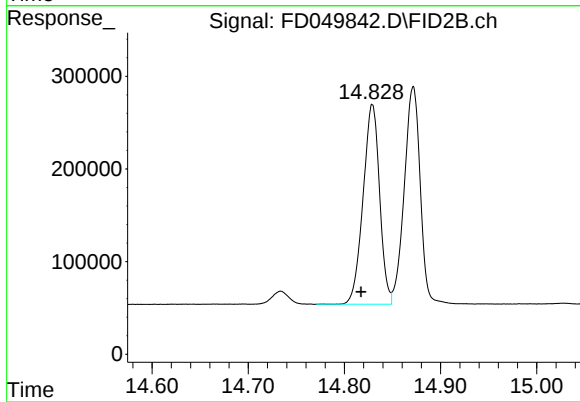
R.T.: 12.660 min  
Delta R.T.: 0.010 min  
Response: 3060393  
Conc: 21.48 ug/ml



#13 Pyrene (C20.8)

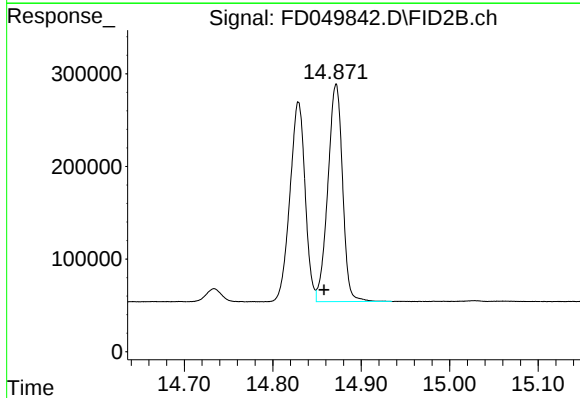
R.T.: 12.957 min  
Delta R.T.: 0.011 min  
Response: 3028401  
Conc: 21.54 ug/ml

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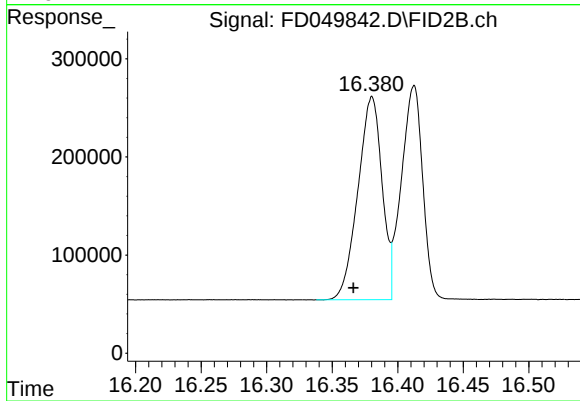
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.829 min  
Delta R.T.: 0.012 min  
Response: 2574925  
Conc: 20.47 ug/ml



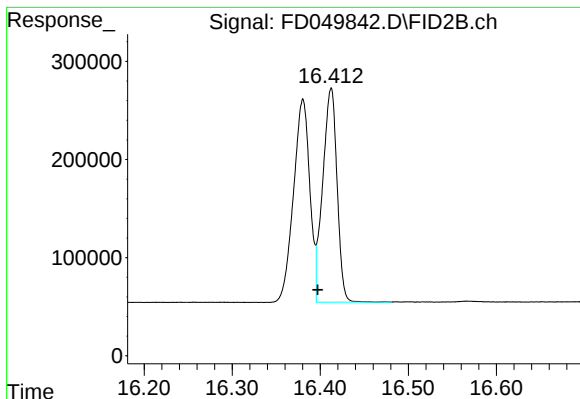
#15 Chrysene (C27.41)

R.T.: 14.871 min  
Delta R.T.: 0.013 min  
Response: 2710335  
Conc: 21.10 ug/ml



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

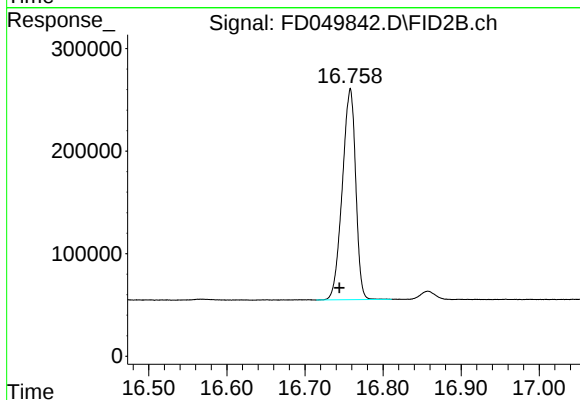
R.T.: 16.380 min  
Delta R.T.: 0.014 min  
Response: 2653852  
Conc: 21.30 ug/ml



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

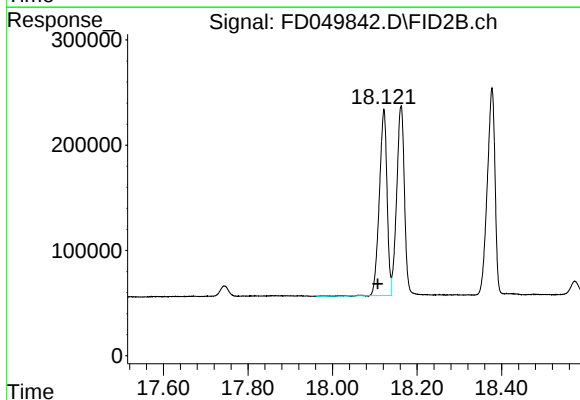
R.T.: 16.412 min  
Delta R.T.: 0.015 min  
Response: 2472887  
Conc: 21.05 ug/ml

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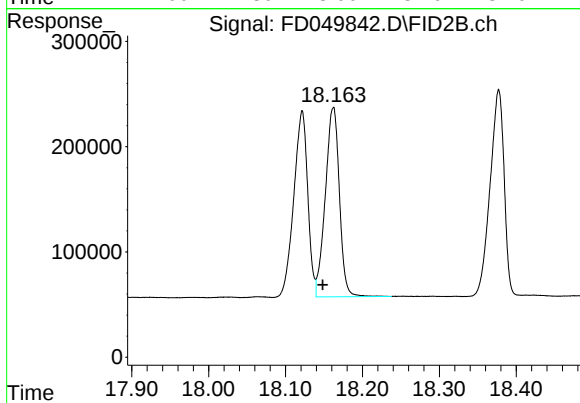
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.758 min  
Delta R.T.: 0.013 min  
Response: 2453313  
Conc: 20.22 ug/ml



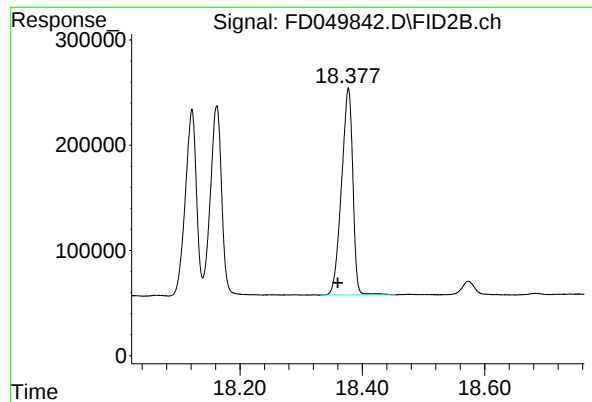
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.121 min  
Delta R.T.: 0.014 min  
Response: 2234684  
Conc: 19.87 ug/ml



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

R.T.: 18.162 min  
Delta R.T.: 0.013 min  
Response: 2291463  
Conc: 18.74 ug/ml



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

R.T.: 18.377 min  
Delta R.T.: 0.017 min  
Response: 2520479  
Conc: 21.07 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD