

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030525AR\  
 Data File : FD049158.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Mar 2025 15:22  
 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: Mar 05 23:28:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 12 12:54:29 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...      | 7.352  | 2962422    | 20.700 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.40%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.204  | 1711914    | 19.473 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.95%       |
| 11) S ortho-Terphenyl (SURR)       | 11.233 | 3368553    | 20.823 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.65%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.175  | 3253355    | 20.429 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.693  | 3303036    | 20.802 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.739  | 3237744    | 20.796 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.003  | 3324170    | 20.443 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.295  | 3498038    | 21.264 ug/ml |
| 8) T Flouorene (C16.55)            | 9.077  | 3204395    | 20.326 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.464 | 3099383    | 20.566 ug/ml |
| 10) T Anthracene (C19.43)          | 10.542 | 2775363    | 18.376 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.269 | 3174723    | 20.573 ug/ml |
| 13) T Pyrene (C20.8)               | 12.560 | 3098087    | 20.110 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.430 | 2601880    | 19.803 ug/ml |
| 15) T Chrysene (C27.41)            | 14.471 | 3354192    | 20.745 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.978 | 2788979    | 20.270 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.010 | 3246186    | 20.553 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.361 | 2668621    | 19.660 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.729 | 1818040    | 16.637 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.771 | 3084866    | 19.884 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.972 | 2799254    | 19.312 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

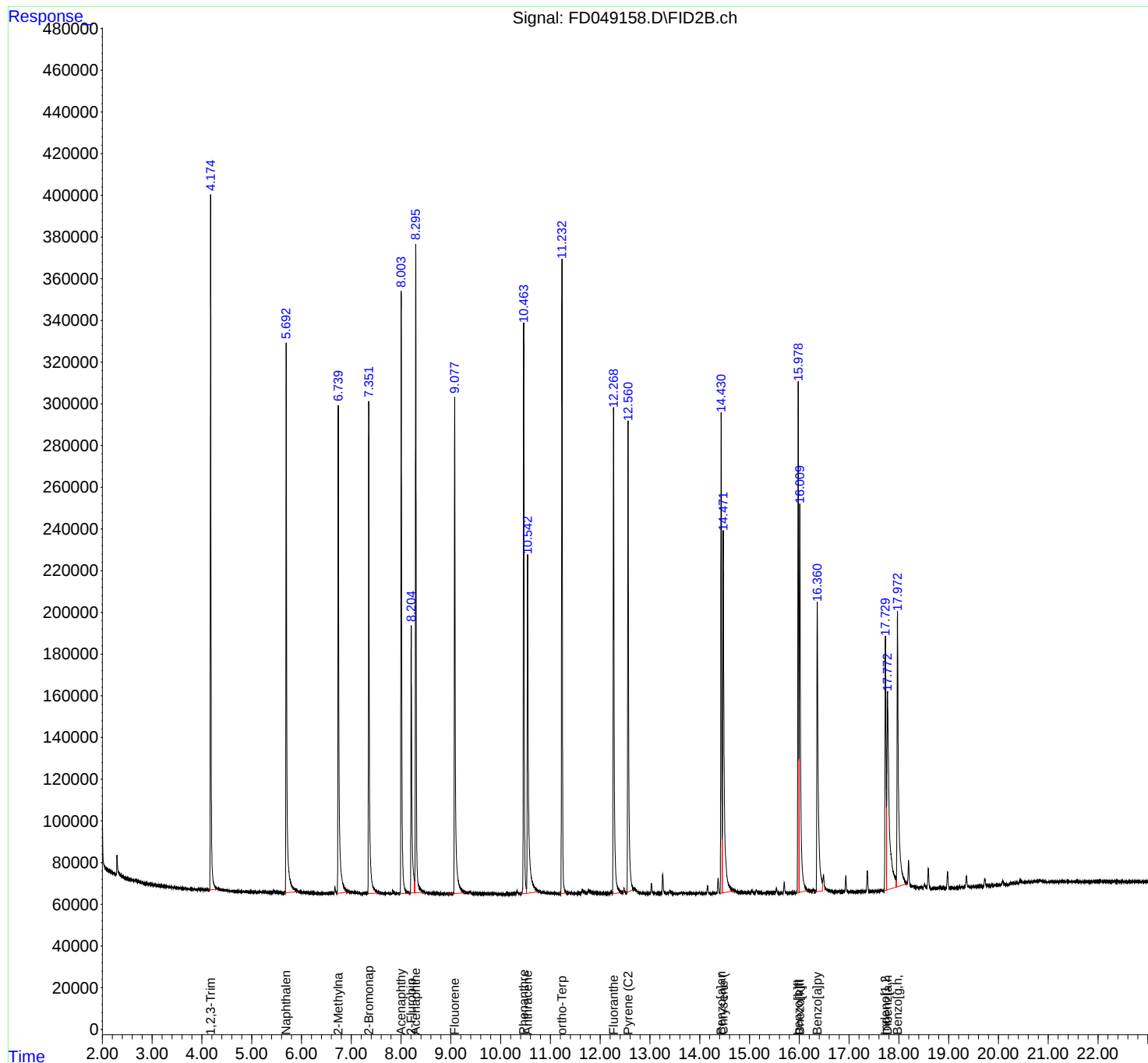
(m)=manual int.

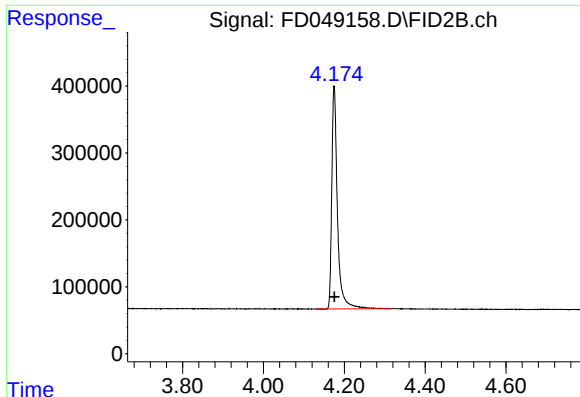
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030525AR\  
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QLast Update : Wed Feb 12 12:54:29 2025  
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Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm

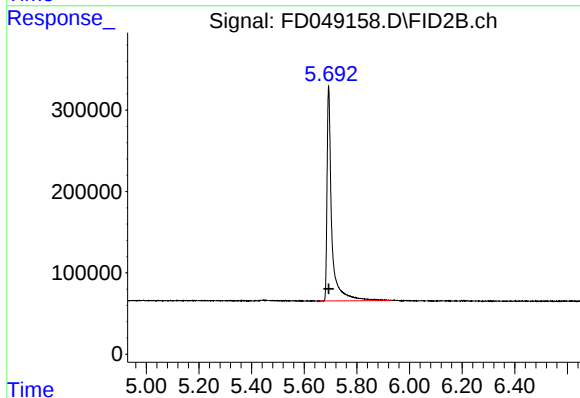




#1 1,2,3-Trimethylbenzene (C10.1)

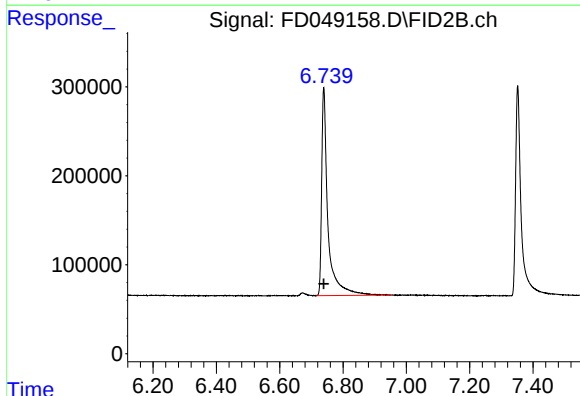
R.T.: 4.175 min  
Delta R.T.: -0.001 min  
Response: 3253355  
Conc: 20.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



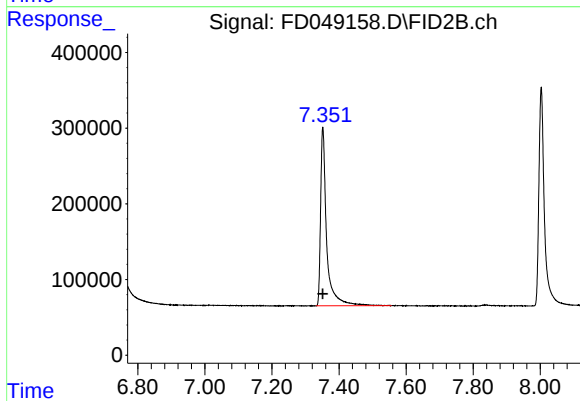
#2 Naphthalene (C11.7)

R.T.: 5.693 min  
Delta R.T.: 0.000 min  
Response: 3303036  
Conc: 20.80 ug/ml



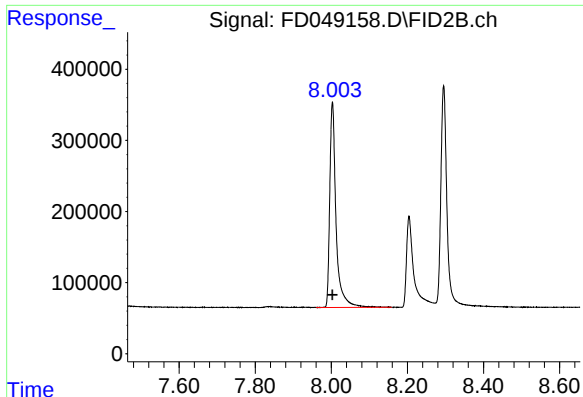
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min  
Delta R.T.: 0.000 min  
Response: 3237744  
Conc: 20.80 ug/ml



#4 2-Bromonaphthalene (SURR)

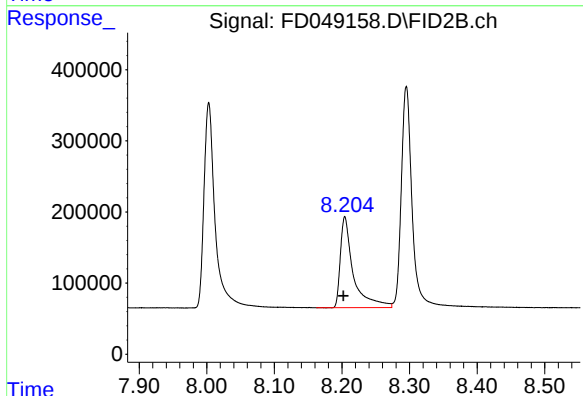
R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 2962422  
Conc: 20.70 ug/ml



#5 Acenaphthylene (C15.06)

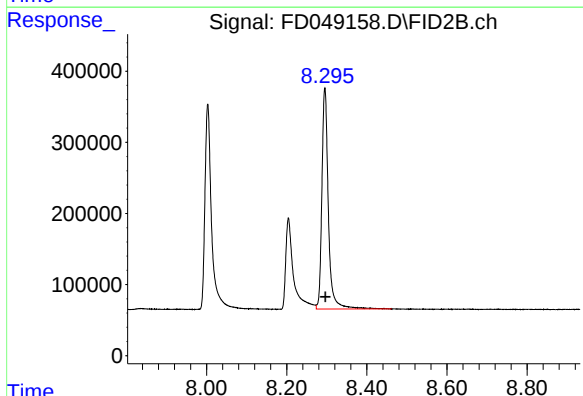
R.T.: 8.003 min  
Delta R.T.: 0.000 min  
Response: 3324170  
Conc: 20.44 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



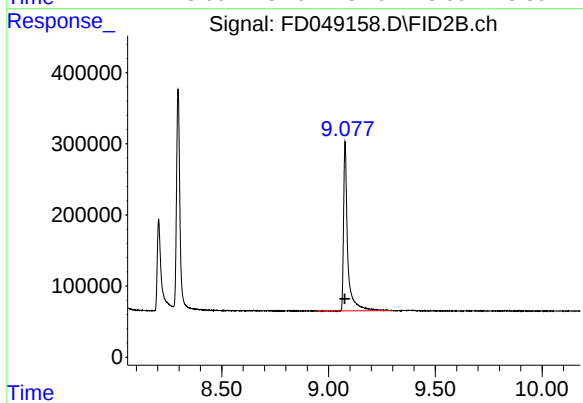
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.204 min  
Delta R.T.: 0.002 min  
Response: 1711914  
Conc: 19.47 ug/ml



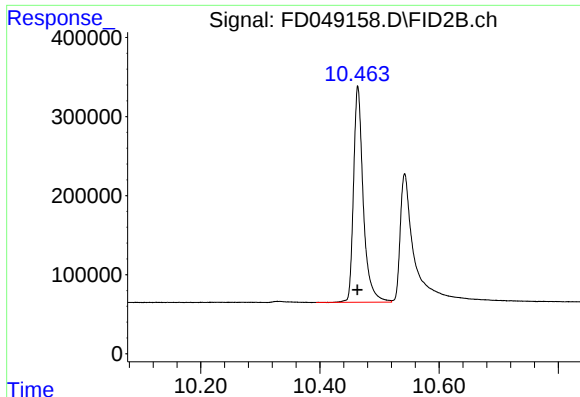
#7 Acenaphthene (C15.5)

R.T.: 8.295 min  
Delta R.T.: 0.000 min  
Response: 3498038  
Conc: 21.26 ug/ml



#8 Flouorene (C16.55)

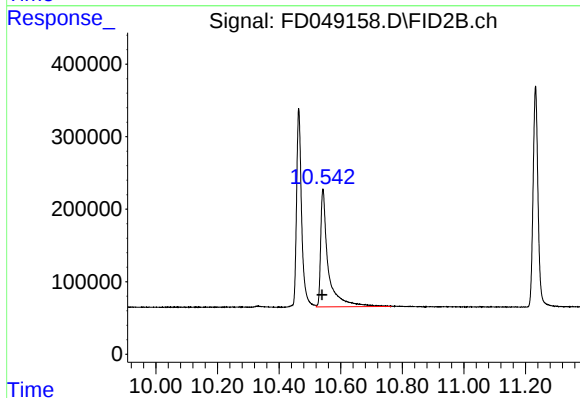
R.T.: 9.077 min  
Delta R.T.: 0.001 min  
Response: 3204395  
Conc: 20.33 ug/ml



#9 Phenanthrene (C19.36)

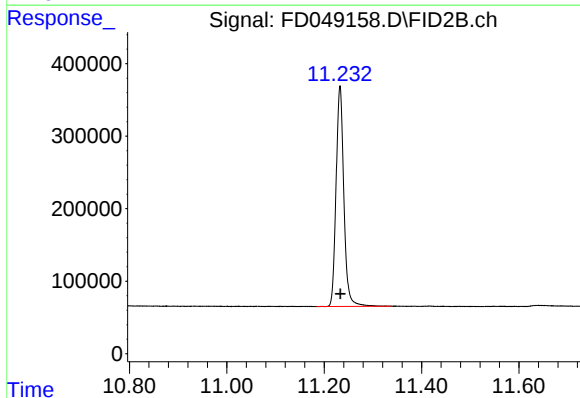
R.T.: 10.464 min  
Delta R.T.: 0.000 min  
Response: 3099383  
Conc: 20.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



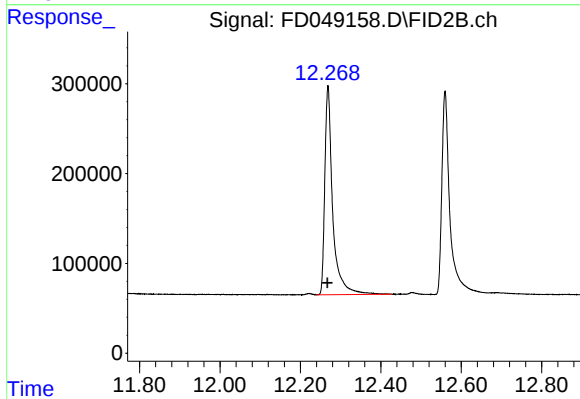
#10 Anthracene (C19.43)

R.T.: 10.542 min  
Delta R.T.: 0.003 min  
Response: 2775363  
Conc: 18.38 ug/ml



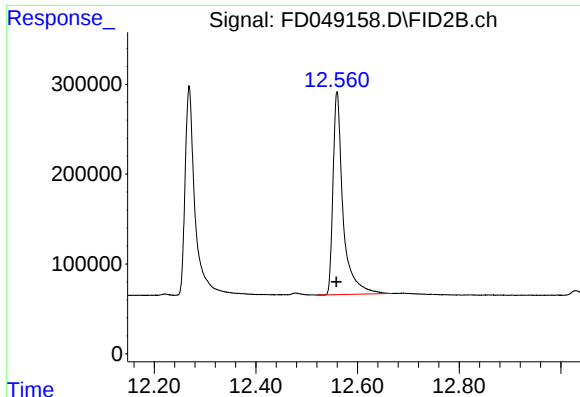
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min  
Delta R.T.: 0.000 min  
Response: 3368553  
Conc: 20.82 ug/ml



#12 Fluoranthene (C21.85)

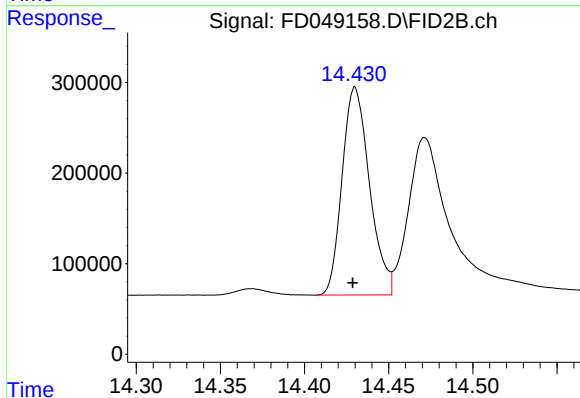
R.T.: 12.269 min  
Delta R.T.: 0.002 min  
Response: 3174723  
Conc: 20.57 ug/ml



#13 Pyrene (C20.8)

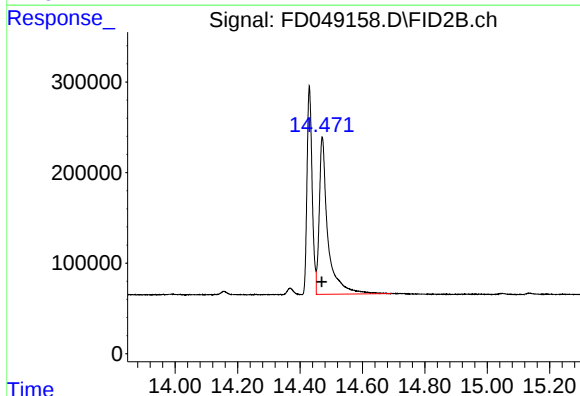
R.T.: 12.560 min  
Delta R.T.: 0.001 min  
Response: 3098087  
Conc: 20.11 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



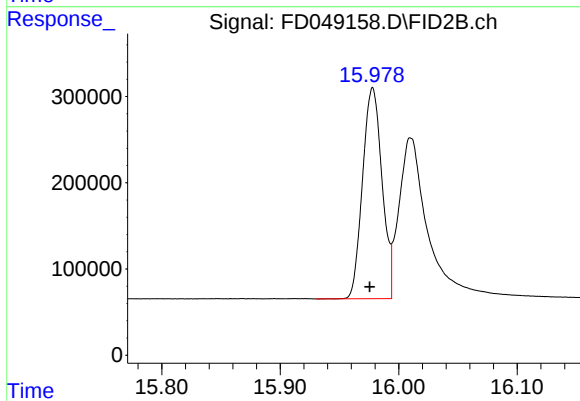
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min  
Delta R.T.: 0.001 min  
Response: 2601880  
Conc: 19.80 ug/ml



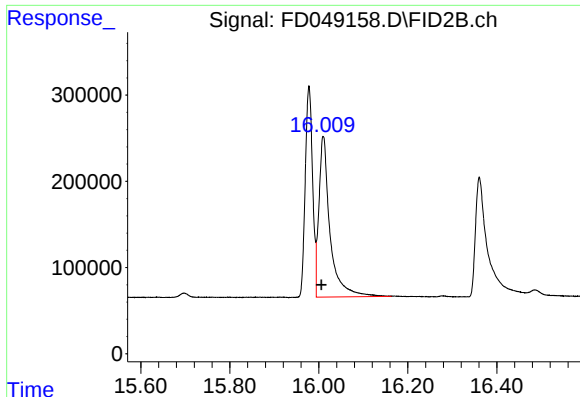
#15 Chrysene (C27.41)

R.T.: 14.471 min  
Delta R.T.: 0.002 min  
Response: 3354192  
Conc: 20.75 ug/ml



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

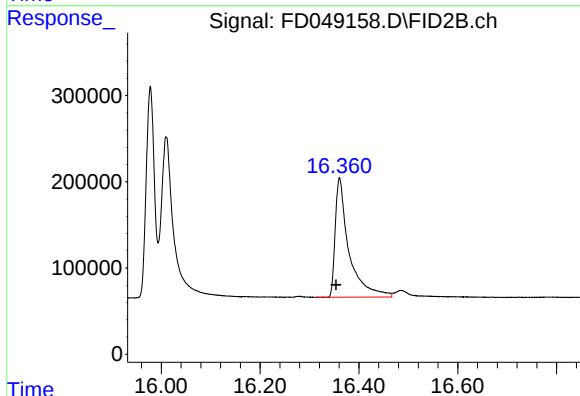
R.T.: 15.978 min  
Delta R.T.: 0.002 min  
Response: 2788979  
Conc: 20.27 ug/ml



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

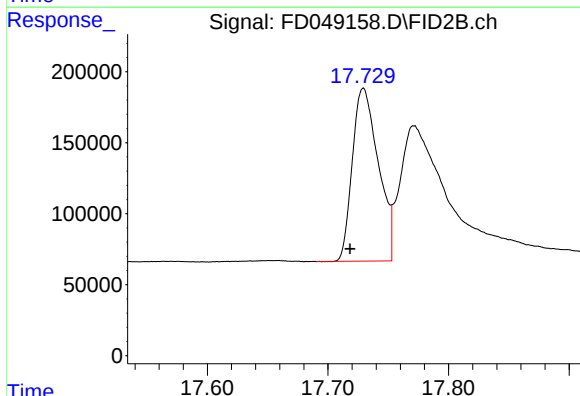
R.T.: 16.010 min  
Delta R.T.: 0.004 min  
Response: 3246186  
Conc: 20.55 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



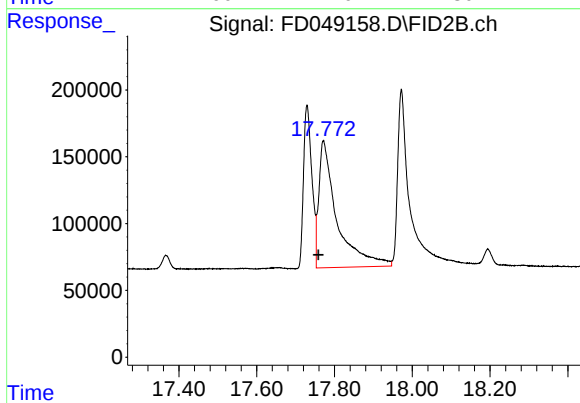
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min  
Delta R.T.: 0.007 min  
Response: 2668621  
Conc: 19.66 ug/ml



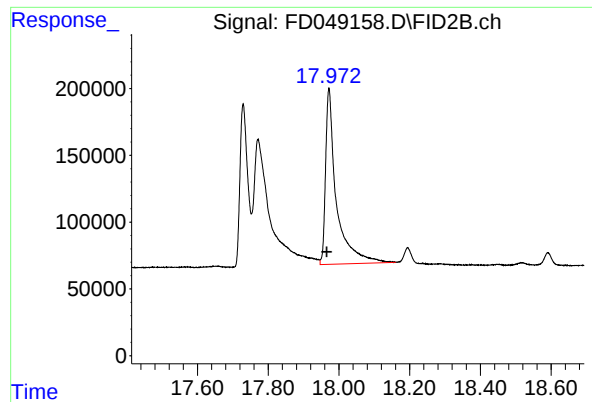
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min  
Delta R.T.: 0.011 min  
Response: 1818040  
Conc: 16.64 ug/ml



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

R.T.: 17.771 min  
Delta R.T.: 0.012 min  
Response: 3084866  
Conc: 19.88 ug/ml



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

R.T.: 17.972 min  
Delta R.T.: 0.006 min  
Response: 2799254  
Conc: 19.31 ug/ml

Instrument :

FID\_D

ClientSampleId :