

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082225AR\  
 Data File : FD049661.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Aug 2025 04:42  
 Operator : YP/AJ  
 Sample : Q2892-05MSD  
 Misc :  
 ALS Vial : 74 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

BACK-1-FLOOR-CENTER-MIDDLE-CMSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 08/25/2025

Supervised By :mohammad ahmed 08/26/2025

Integration File: sample.E

Quant Time: Aug 25 01:53:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 081125.M

Quant Title : GC Extractables

Qlast Update : Mon Aug 11 14:11:57 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...      | 7.716  | 5397839    | 52.669 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 105.34%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.581  | 3821859    | 52.321 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 104.64%       |
| 11) S ortho-Terphenyl (SURR)       | 11.626 | 4473947    | 34.469 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 68.94%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.507  | 3768458    | 37.230 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.050  | 4519080    | 39.413 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.105  | 4455842    | 37.352 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.384  | 5336113    | 42.447 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.681  | 5411614    | 43.040 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.463  | 5850505    | 46.209 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.862 | 6360335    | 49.237 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.938 | 6377479    | 51.768 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.677 | 6570957    | 51.329 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.976 | 6624813    | 52.178 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.848 | 6319211    | 54.761 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.894 | 6979524    | 59.612 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.401 | 6041068    | 53.116 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.437 | 5874719    | 54.880 ug/mlm |
| 18) T Benzo[a]pyrene (C31.34)      | 16.781 | 5842539    | 52.666 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.148 | 6224147    | 60.383 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.187 | 5662388    | 51.949 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.405 | 5489834    | 50.239 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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Acq On : 23 Aug 2025 04:42  
Operator : YP/AJ  
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ALS Vial : 74 Sample Multiplier: 1

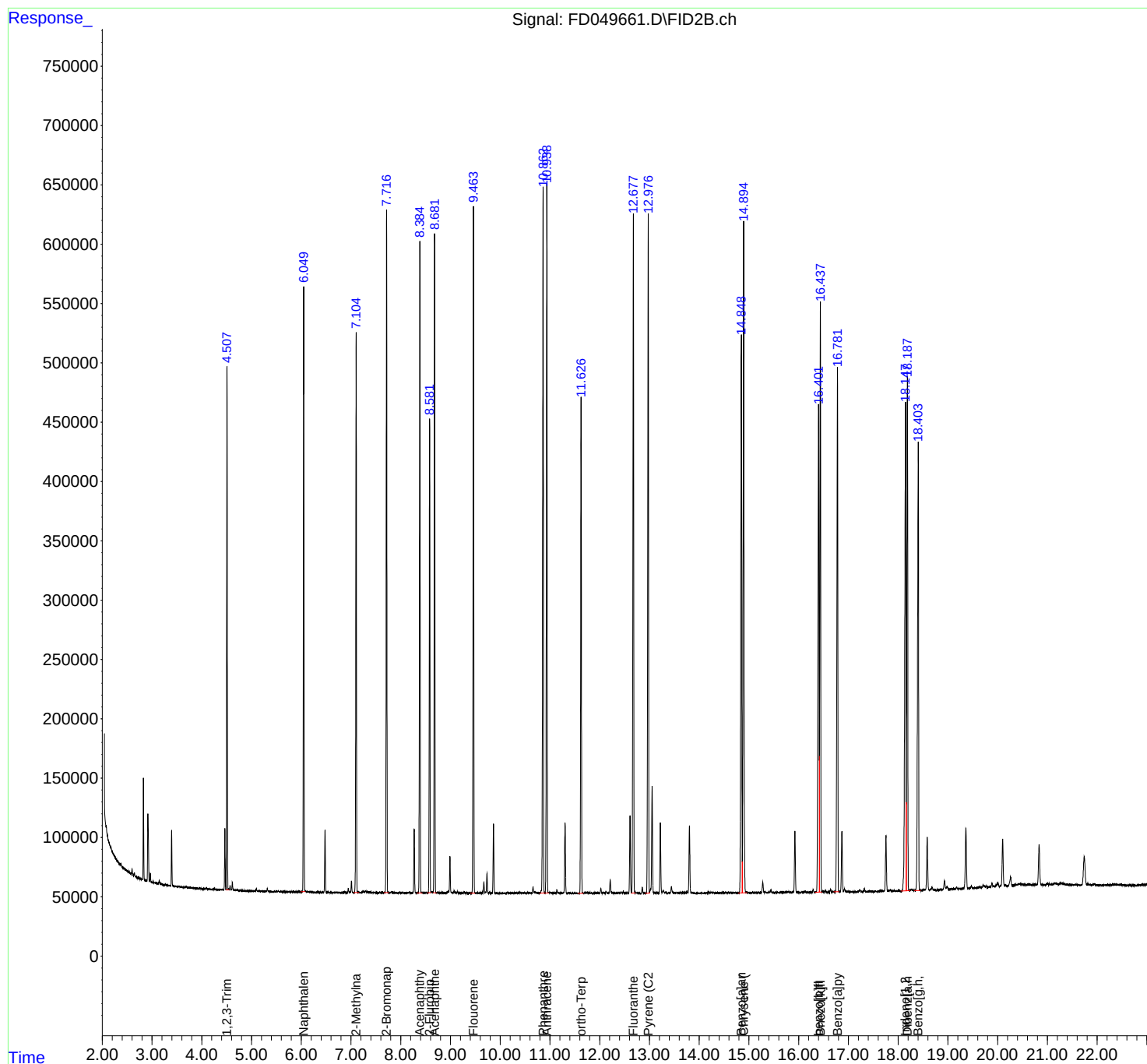
Instrument :  
FID\_D  
ClientSampleId :  
BACK-1-FLOOR-CENTER-MIDDLE-CMSD

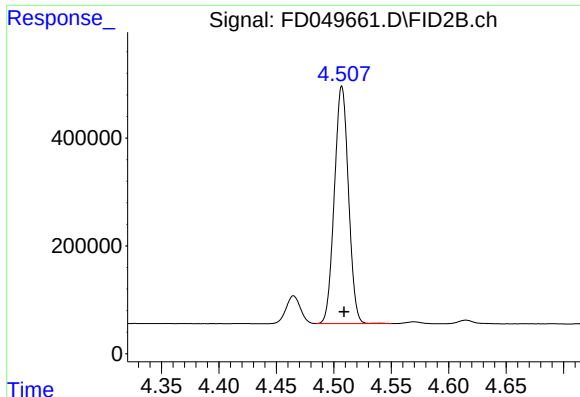
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/25/2025  
Supervised By :mohammad ahmed 08/26/2025

Integration File: sample.E  
Quant Time: Aug 25 01:53:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 081125.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 11 14:11:57 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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.: 4.507 min  
Delta R.T.: -0.002 min  
Response: 3768458  
Conc: 37.23 ug/ml

Instrument :

FID\_D

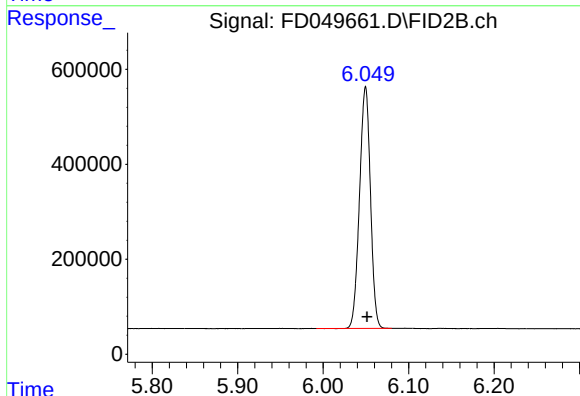
ClientSampleId :

BACK-1-FLOOR-CENTER-MIDDLE-CMSD

Manual Integrations

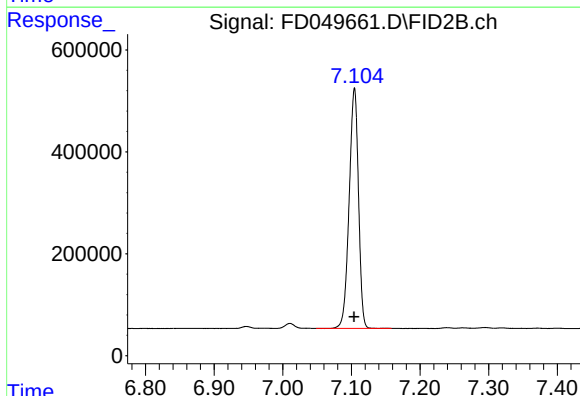
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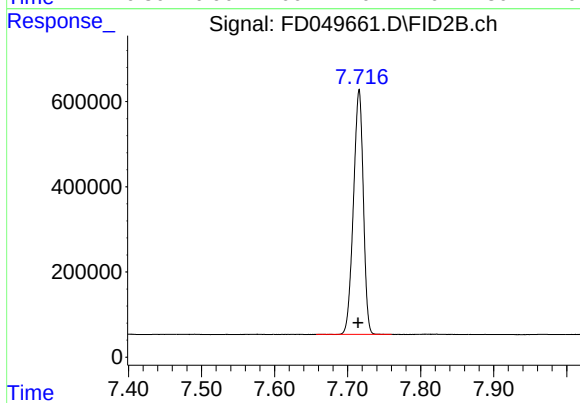
#2 Naphthalene (C11.7)

R.T.: 6.050 min  
Delta R.T.: -0.002 min  
Response: 4519080  
Conc: 39.41 ug/ml



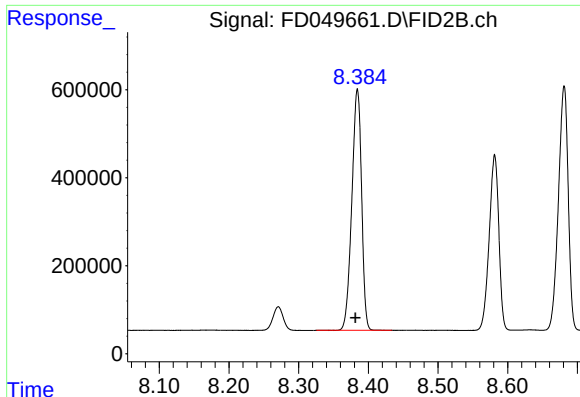
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min  
Delta R.T.: 0.000 min  
Response: 4455842  
Conc: 37.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min  
Delta R.T.: 0.001 min  
Response: 5397839  
Conc: 52.67 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.384 min  
Delta R.T.: 0.003 min  
Response: 5336113  
Conc: 42.45 ug/ml

Instrument :

FID\_D

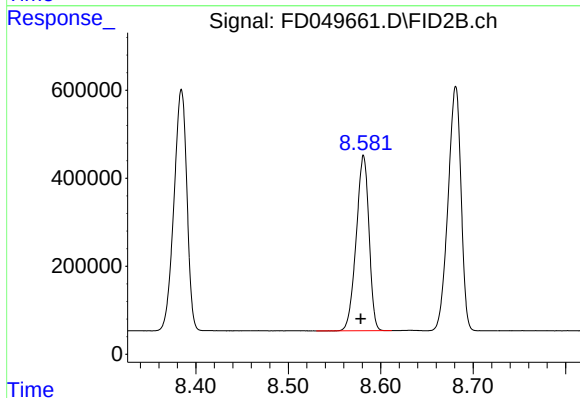
ClientSampleId :

BACK-1-FLOOR-CENTER-MIDDLE-CMSD

Manual Integrations

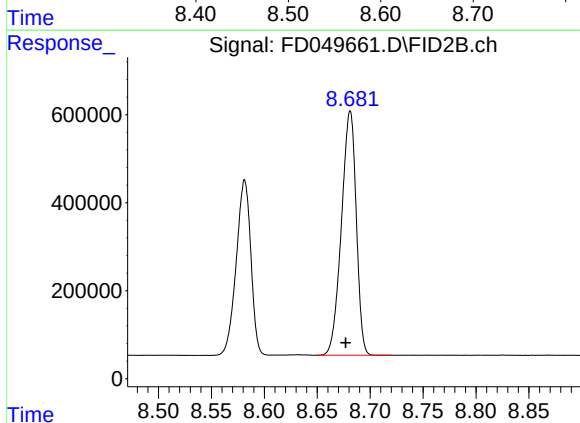
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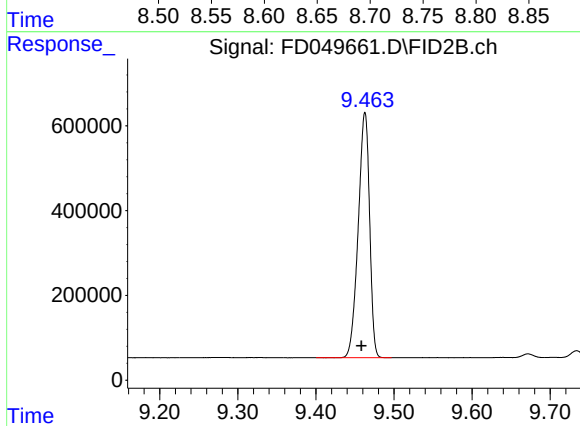
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.581 min  
Delta R.T.: 0.003 min  
Response: 3821859  
Conc: 52.32 ug/ml



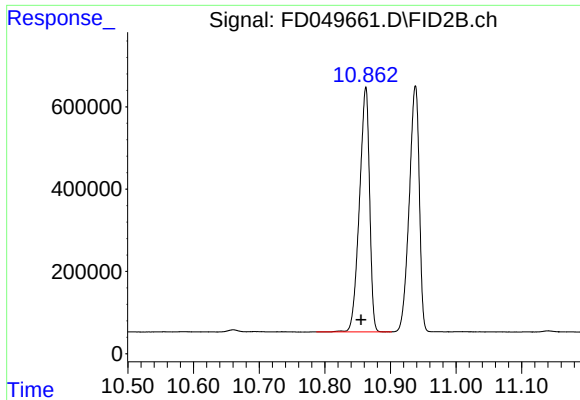
#7 Acenaphthene (C15.5)

R.T.: 8.681 min  
Delta R.T.: 0.004 min  
Response: 5411614  
Conc: 43.04 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.463 min  
Delta R.T.: 0.005 min  
Response: 5850505  
Conc: 46.21 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.862 min  
Delta R.T.: 0.007 min  
Response: 6360335  
Conc: 49.24 ug/ml

Instrument :

FID\_D

ClientSampleId :

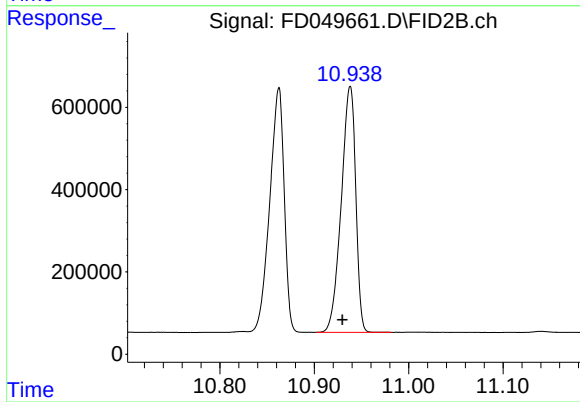
BACK-1-FLOOR-CENTER-MIDDLE-CMSD

Manual Integrations

APPROVED

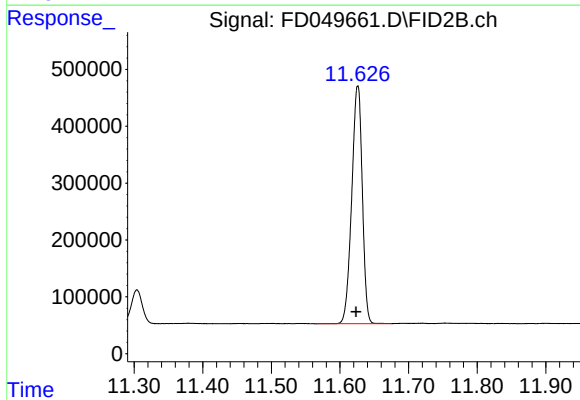
Reviewed By :Yogesh Patel 08/25/2025

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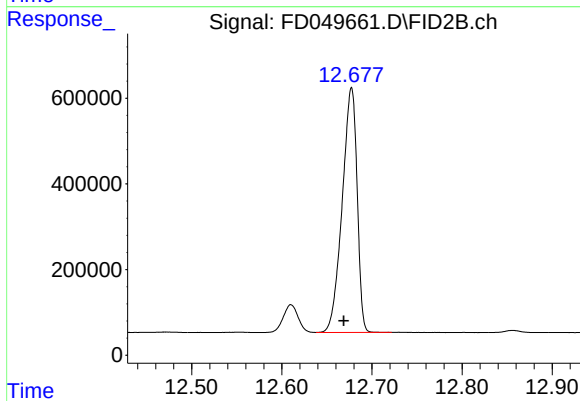
#10 Anthracene (C19.43)

R.T.: 10.938 min  
Delta R.T.: 0.008 min  
Response: 6377479  
Conc: 51.77 ug/ml



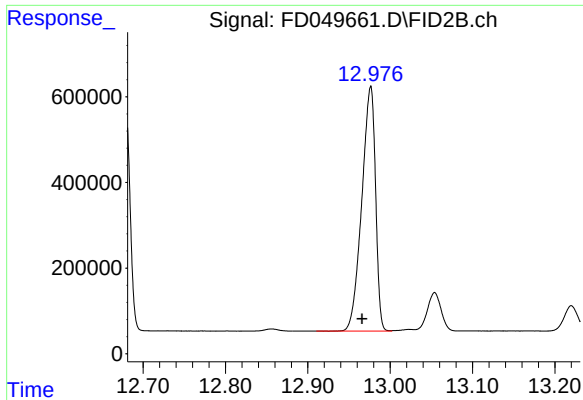
#11 ortho-Terphenyl (SURR)

R.T.: 11.626 min  
Delta R.T.: 0.003 min  
Response: 4473947  
Conc: 34.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.677 min  
Delta R.T.: 0.009 min  
Response: 6570957  
Conc: 51.33 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.976 min  
Delta R.T.: 0.010 min  
Response: 6624813  
Conc: 52.18 ug/ml

Instrument :

FID\_D

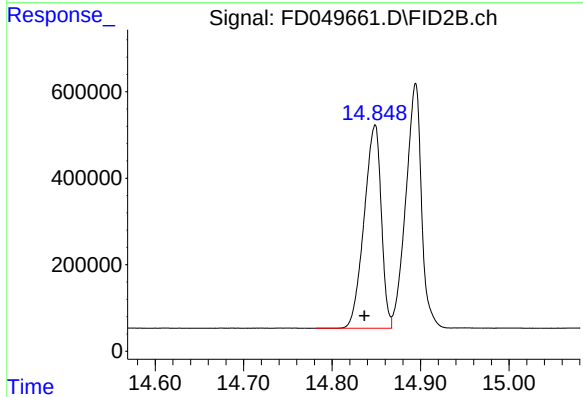
ClientSampleId :

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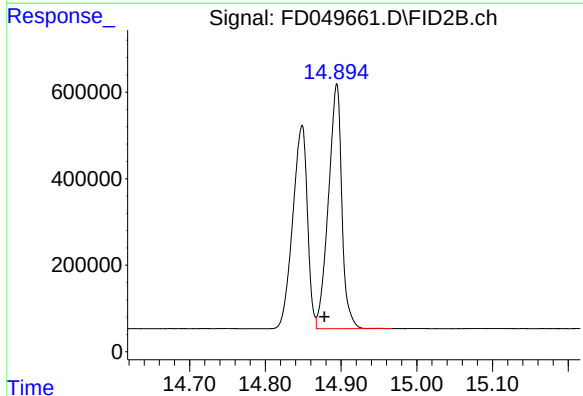
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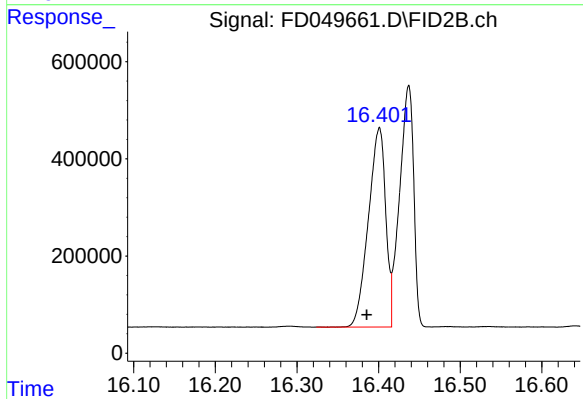
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.848 min  
Delta R.T.: 0.012 min  
Response: 6319211  
Conc: 54.76 ug/ml



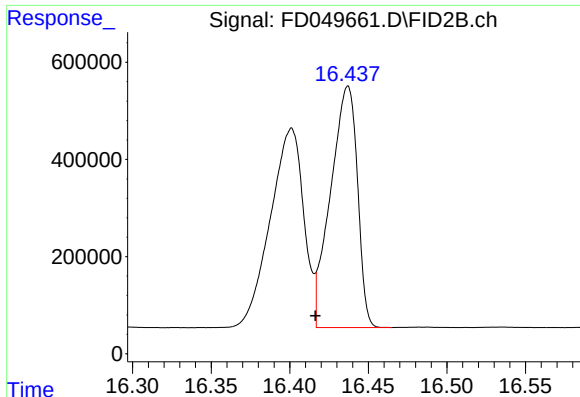
#15 Chrysene (C27.41)

R.T.: 14.894 min  
Delta R.T.: 0.016 min  
Response: 6979524  
Conc: 59.61 ug/ml



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

R.T.: 16.401 min  
Delta R.T.: 0.016 min  
Response: 6041068  
Conc: 53.12 ug/ml



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

R.T.: 16.437 min  
Delta R.T.: 0.021 min  
Response: 5874719  
Conc: 54.88 ug/ml

Instrument :

FID\_D

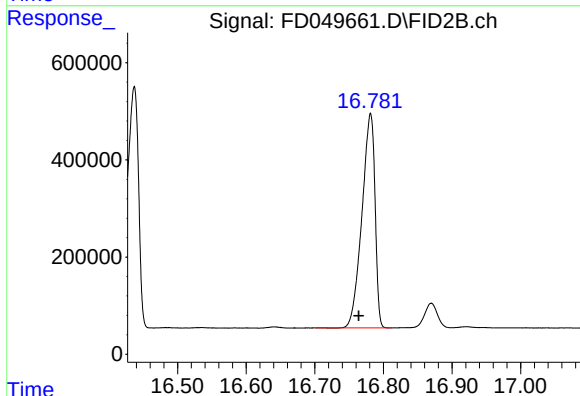
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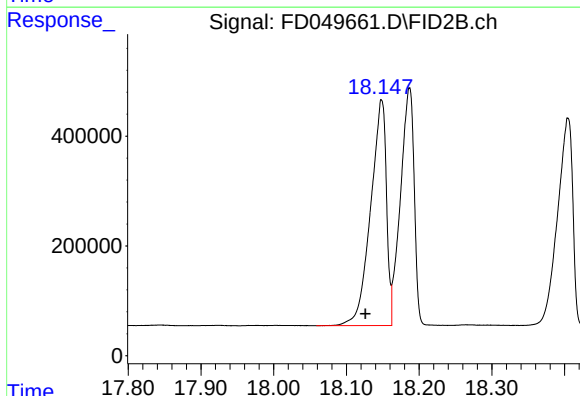
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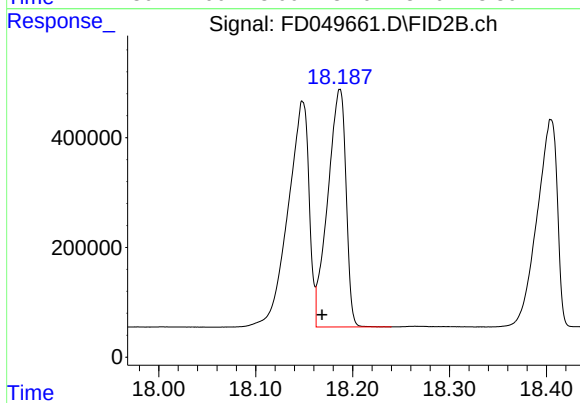
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min  
Delta R.T.: 0.017 min  
Response: 5842539  
Conc: 52.67 ug/ml



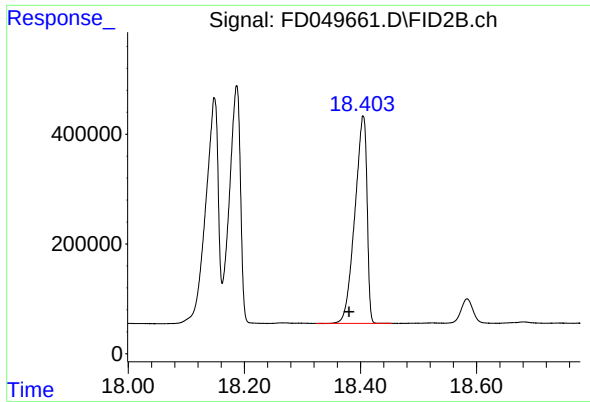
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min  
Delta R.T.: 0.022 min  
Response: 6224147  
Conc: 60.38 ug/ml



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

R.T.: 18.187 min  
Delta R.T.: 0.018 min  
Response: 5662388  
Conc: 51.95 ug/ml



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

R.T.: 18.405 min  
Delta R.T.: 0.025 min  
Response: 5489834  
Conc: 50.24 ug/ml

Instrument :

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