

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110424AR\  
 Data File : FD048659.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Nov 2024 03:35  
 Operator : YP/AJ  
 Sample : PB164618BS  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

**Instrument :**

FID\_D

**ClientSampleId :**

PB164618BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 05 05:19:38 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 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...      | 7.370  | 6877106    | 45.310 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 90.62%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.220  | 4573507    | 46.577 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 93.15%        |
| 11) S ortho-Terphenyl (SURR)       | 11.255 | 7054403    | 41.414 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 82.83%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.192  | 4506540    | 25.904 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.710  | 5214426    | 29.223 ug/mlm |
| 3) T 2-Methylnaphthalene (...)     | 6.756  | 5177660    | 28.947 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.022  | 5994787    | 34.141 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.317  | 6348354    | 35.793 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.095  | 6277188    | 37.135 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.482 | 6307922    | 38.159 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.558 | 6421752    | 40.159 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.287 | 6531852    | 39.689 ug/mlm |
| 13) T Pyrene (C20.8)               | 12.580 | 6433090    | 39.938 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.450 | 6099525    | 41.716 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.492 | 6167098    | 37.492 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.997 | 6137907    | 40.373 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.031 | 6166756    | 41.029 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.373 | 5946675    | 39.514 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.740 | 6034272    | 46.247 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.776 | 5931914    | 36.451 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 17.991 | 5964067    | 38.957 ug/ml  |
| -----                              |        |            |               |

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

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110424AR\  
Data File : FD048659.D  
Signal(s) : FID2B.ch  
Acq On : 05 Nov 2024 03:35  
Operator : YP/AJ  
Sample : PB164618BS  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

## Instrument :

FID\_D

ClientSampleId :

PB164618BS

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024

Supervised By :Ankita Jodhani 11/06/2024

Integration File: autoint1.e

Quant Time: Nov 05 05:19:38 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

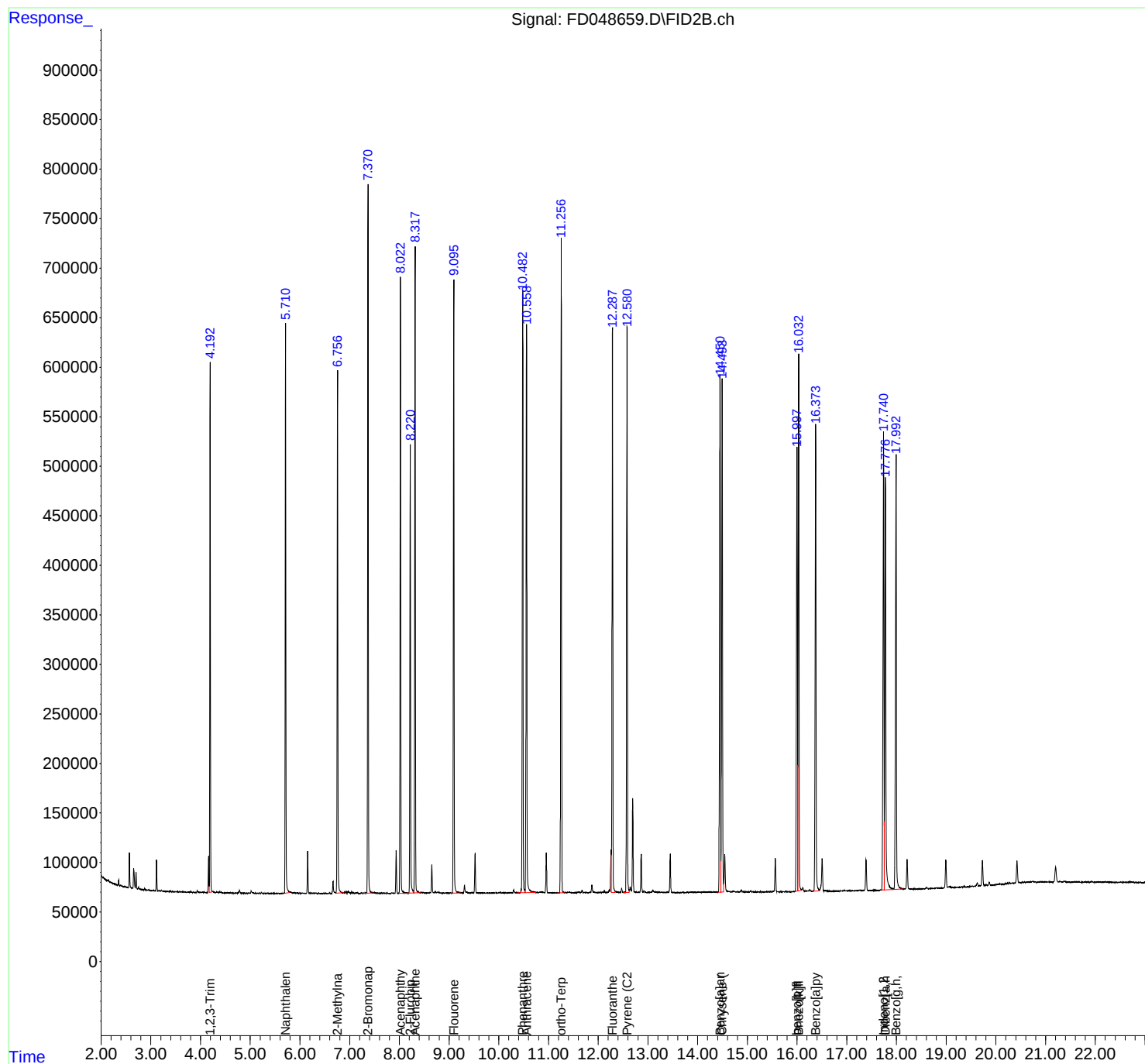
Response via : Initial Calibration

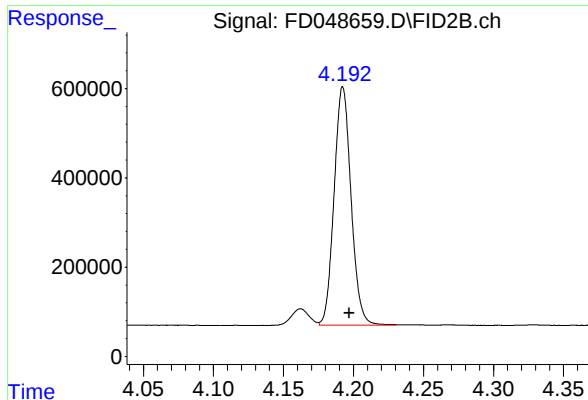
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





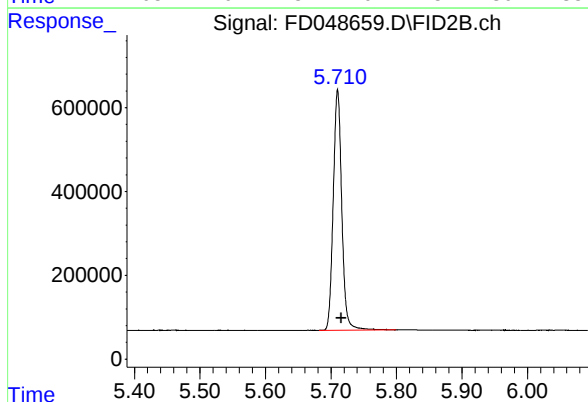
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.192 min  
Delta R.T.: -0.005 min  
Response: 4506540  
Conc: 25.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB164618BS

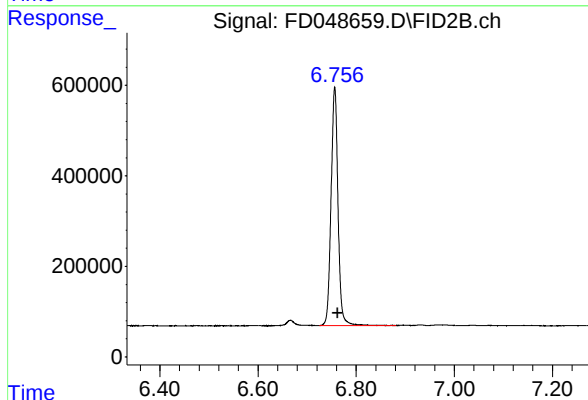
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024



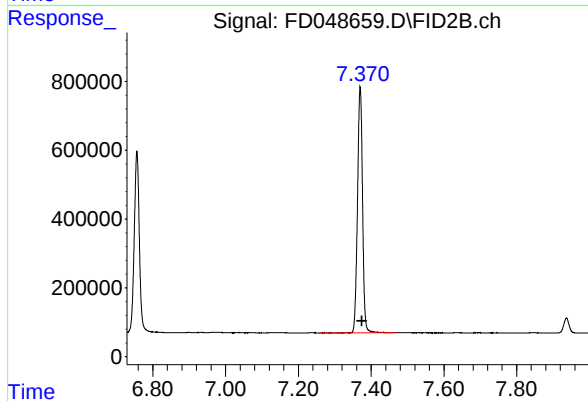
#2 Naphthalene (C11.7)

R.T.: 5.710 min  
Delta R.T.: -0.006 min  
Response: 5214426  
Conc: 29.22 ug/ml



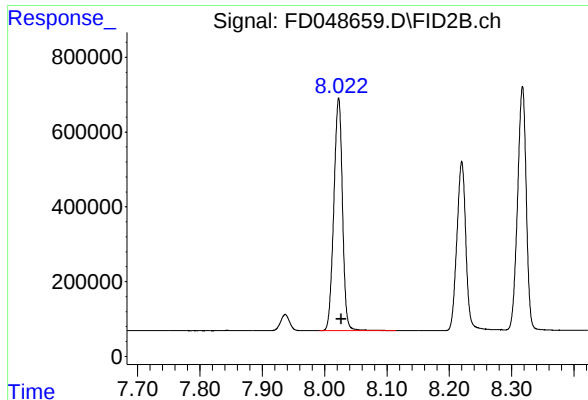
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min  
Delta R.T.: -0.006 min  
Response: 5177660  
Conc: 28.95 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.370 min  
Delta R.T.: -0.005 min  
Response: 6877106  
Conc: 45.31 ug/ml



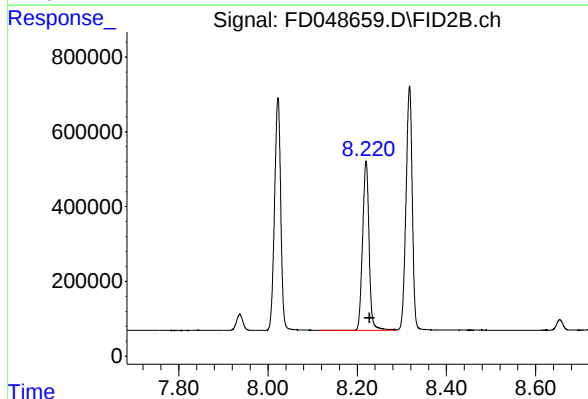
#5 Acenaphthylene (C15.06)

R.T.: 8.022 min  
Delta R.T.: -0.004 min  
Response: 5994787  
Conc: 34.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
PB164618BS

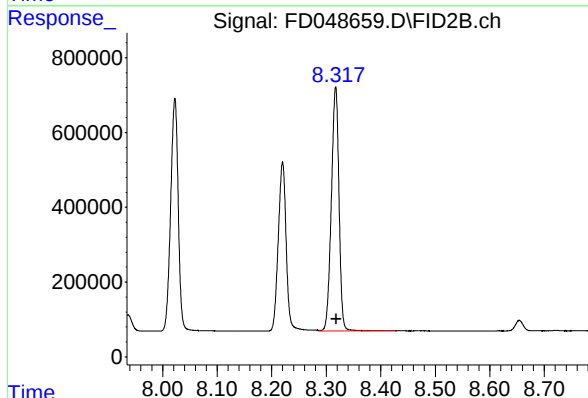
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024



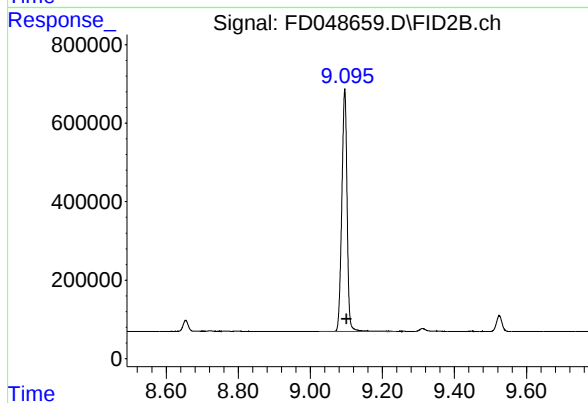
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min  
Delta R.T.: -0.008 min  
Response: 4573507  
Conc: 46.58 ug/ml



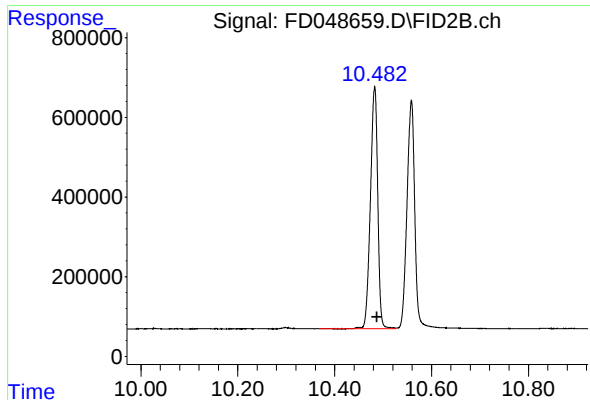
#7 Acenaphthene (C15.5)

R.T.: 8.317 min  
Delta R.T.: -0.001 min  
Response: 6348354  
Conc: 35.79 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.095 min  
Delta R.T.: -0.005 min  
Response: 6277188  
Conc: 37.14 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.482 min  
Delta R.T.: -0.005 min  
Response: 6307922  
Conc: 38.16 ug/ml

Instrument :

FID\_D

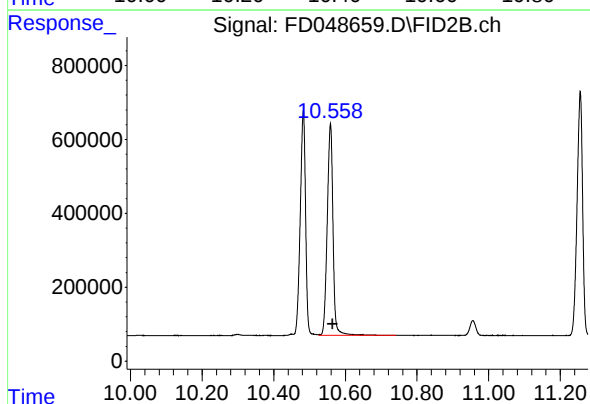
ClientSampleId :

PB164618BS

Manual Integrations

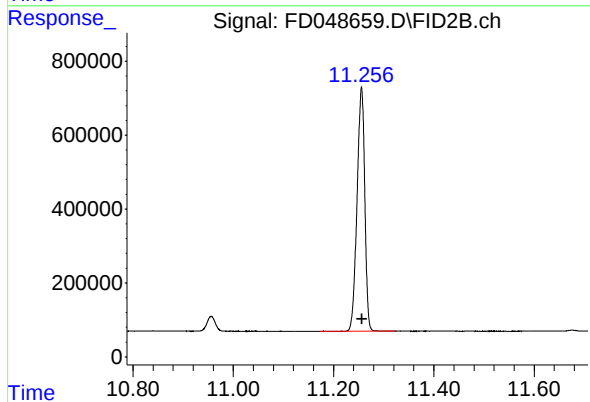
APPROVED

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024



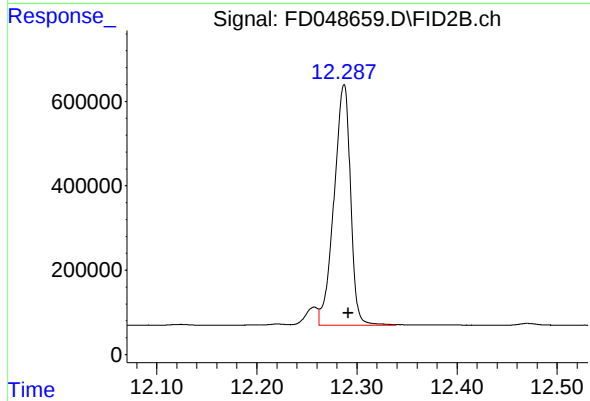
#10 Anthracene (C19.43)

R.T.: 10.558 min  
Delta R.T.: -0.007 min  
Response: 6421752  
Conc: 40.16 ug/ml



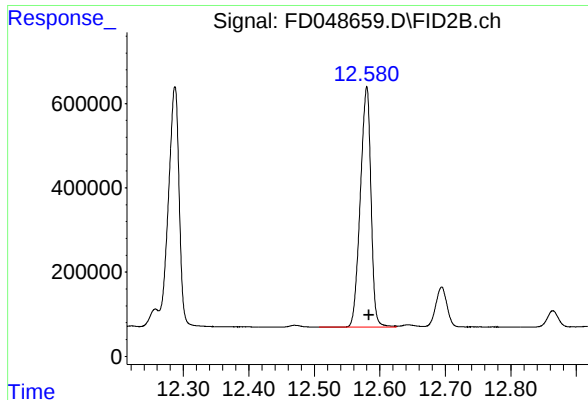
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min  
Delta R.T.: -0.001 min  
Response: 7054403  
Conc: 41.41 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.287 min  
Delta R.T.: -0.004 min  
Response: 6531852  
Conc: 39.69 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.580 min  
Delta R.T.: -0.004 min  
Response: 6433090  
Conc: 39.94 ug/ml

Instrument :

FID\_D

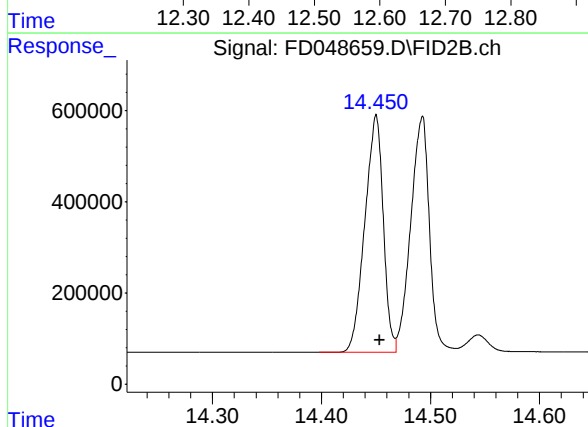
ClientSampleId :

PB164618BS

Manual Integrations

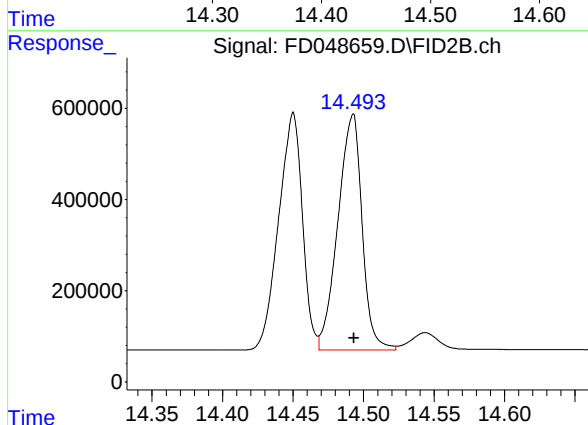
APPROVED

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024



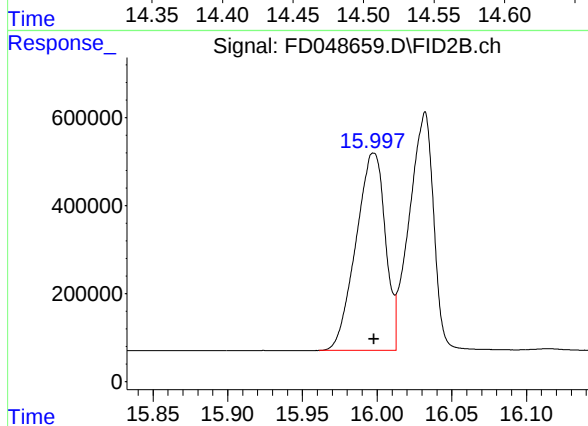
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min  
Delta R.T.: -0.004 min  
Response: 6099525  
Conc: 41.72 ug/ml



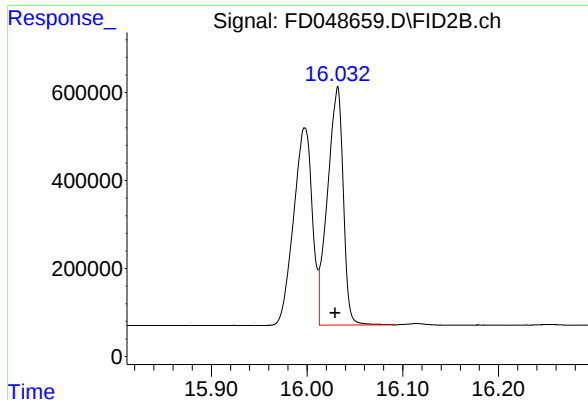
#15 Chrysene (C27.41)

R.T.: 14.492 min  
Delta R.T.: -0.002 min  
Response: 6167098  
Conc: 37.49 ug/ml



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

R.T.: 15.997 min  
Delta R.T.: 0.000 min  
Response: 6137907  
Conc: 40.37 ug/ml



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

R.T.: 16.031 min  
Delta R.T.: 0.002 min  
Response: 6166756  
Conc: 41.03 ug/ml

Instrument :

FID\_D

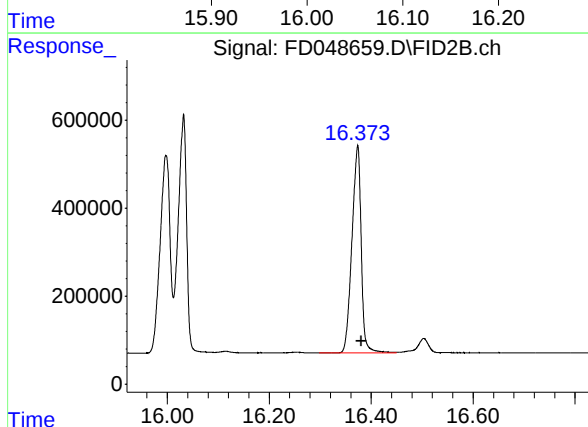
ClientSampleId :

PB164618BS

Manual Integrations

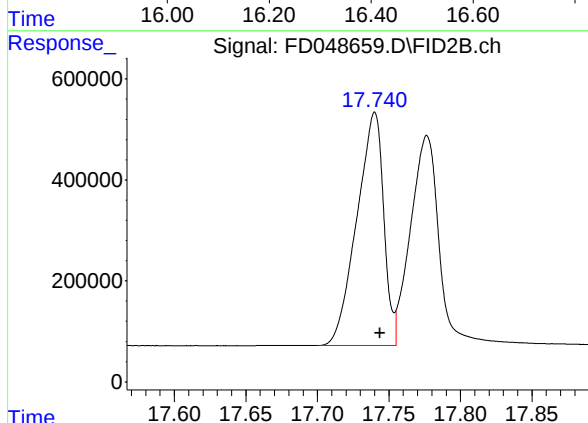
APPROVED

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024



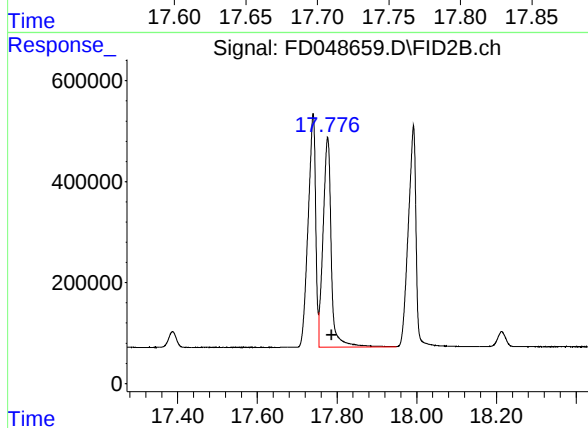
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.373 min  
Delta R.T.: -0.007 min  
Response: 5946675  
Conc: 39.51 ug/ml



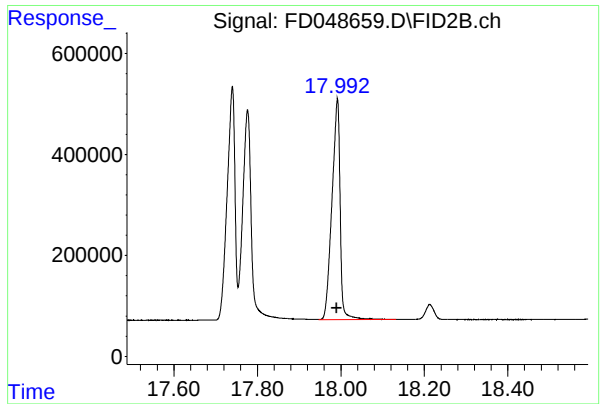
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min  
Delta R.T.: -0.004 min  
Response: 6034272  
Conc: 46.25 ug/ml



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

R.T.: 17.776 min  
Delta R.T.: -0.010 min  
Response: 5931914  
Conc: 36.45 ug/ml



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

R.T.: 17.991 min  
Delta R.T.: 0.001 min  
Response: 5964067  
Conc: 38.96 ug/ml

Instrument :

FID\_D

ClientSampleId :

PB164618BS

### Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2024  
Supervised By :Ankita Jodhani 11/06/2024