

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092222AR\  
 Data File : FD043942.D  
 Signal(s) : FID2B.ch  
 Acq On : 22 Sep 2022 10:36  
 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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/23/2022  
 Supervised By :Ankita Jodhani 09/23/2022

Integration File: autoint1.e  
 Quant Time: Sep 22 13:17:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 14 19:37:45 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

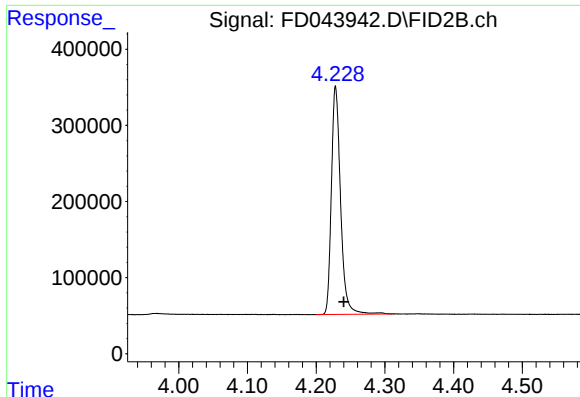
Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 7.424  | 2392344    | 18.182 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 36.36%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.280  | 1445929    | 20.044 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.09%        |
| 11) S ortho-Terphenyl (SURR)       | 11.312 | 3044502    | 16.343 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 32.69%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.228  | 2787998    | 18.551 ug/mlm |
| 2) T Naphthalene (C11.7)           | 5.762  | 2679460    | 18.817 ug/mlm |
| 3) T 2-Methylnaphthalene (...)     | 6.810  | 2710429    | 18.528 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.080  | 2558576    | 16.581 ug/mlm |
| 7) T Acenaphthene (C15.5)          | 8.373  | 2867573    | 16.386 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.153  | 2593291    | 17.643 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.546 | 2471670    | 17.080 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.621 | 2306957    | 15.719 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.351 | 2476661    | 16.148 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.645 | 2456785    | 16.515 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.515 | 2042166    | 18.268 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.557 | 2471831    | 15.816 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.061 | 2212220    | 18.970 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.092 | 2455805    | 16.541 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.439 | 2256184    | 18.626 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.803 | 2115778    | 22.253 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.839 | 2404577    | 20.016 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.054 | 2333350    | 20.476 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.





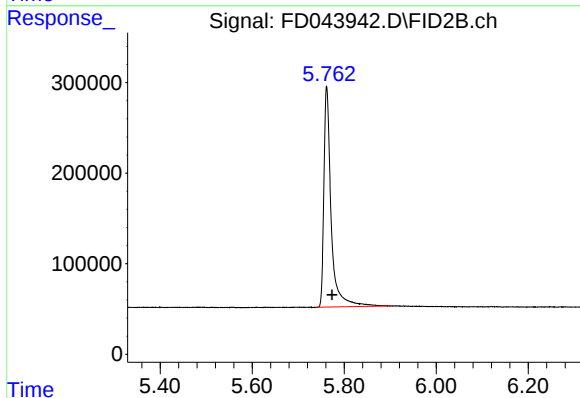
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.228 min  
Delta R.T.: -0.012 min  
Response: 2787998  
Conc: 18.55 ug/ml

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

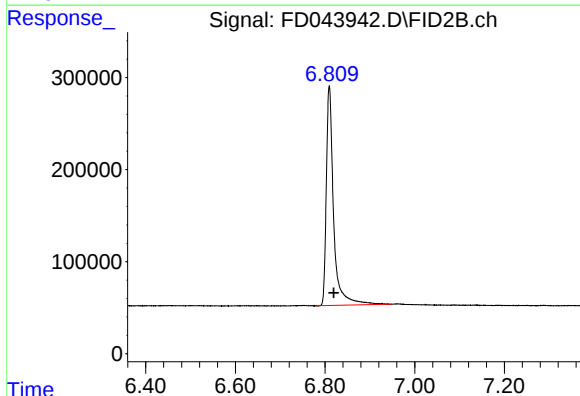
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/23/2022  
Supervised By :Ankita Jodhani 09/23/2022



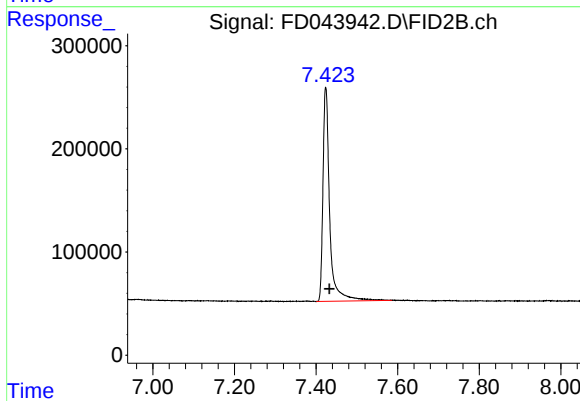
#2 Naphthalene (C11.7)

R.T.: 5.762 min  
Delta R.T.: -0.012 min  
Response: 2679460  
Conc: 18.82 ug/ml m



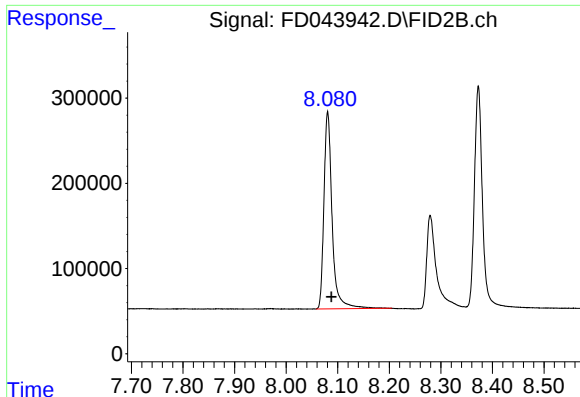
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min  
Delta R.T.: -0.009 min  
Response: 2710429  
Conc: 18.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.424 min  
Delta R.T.: -0.009 min  
Response: 2392344  
Conc: 18.18 ug/ml



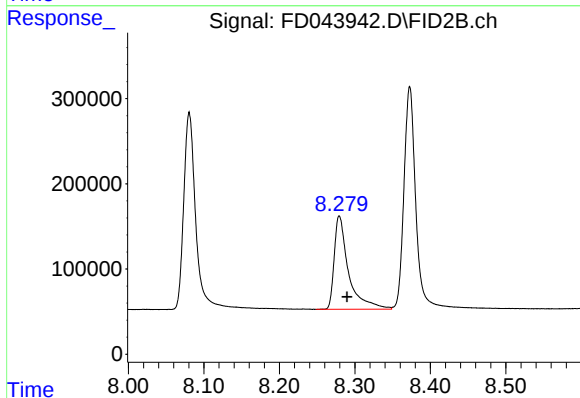
#5 Acenaphthylene (C15.06)

R.T.: 8.080 min  
Delta R.T.: -0.007 min  
Response: 2558576  
Conc: 16.58 ug/ml

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

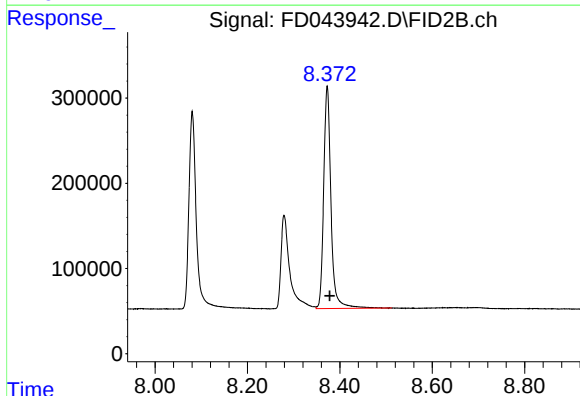
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/23/2022  
Supervised By :Ankita Jodhani 09/23/2022



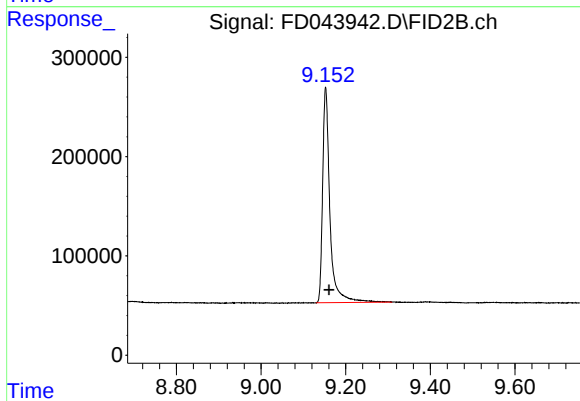
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.280 min  
Delta R.T.: -0.010 min  
Response: 1445929  
Conc: 20.04 ug/ml



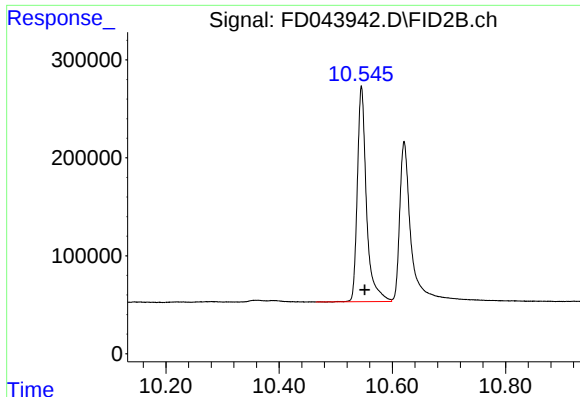
#7 Acenaphthene (C15.5)

R.T.: 8.373 min  
Delta R.T.: -0.006 min  
Response: 2867573  
Conc: 16.39 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.153 min  
Delta R.T.: -0.008 min  
Response: 2593291  
Conc: 17.64 ug/ml



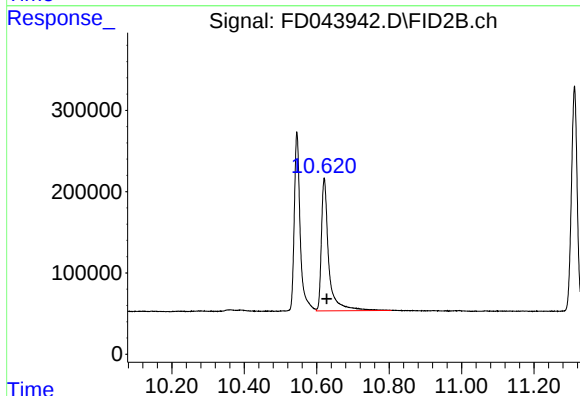
#9 Phenanthrene (C19.36)

R.T.: 10.546 min  
Delta R.T.: -0.006 min  
Response: 2471670  
Conc: 17.08 ug/ml

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

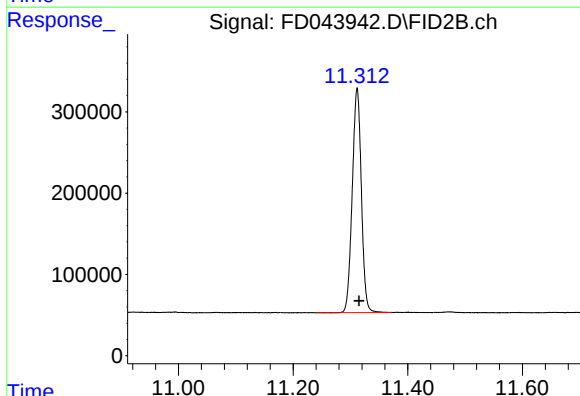
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/23/2022  
Supervised By :Ankita Jodhani 09/23/2022



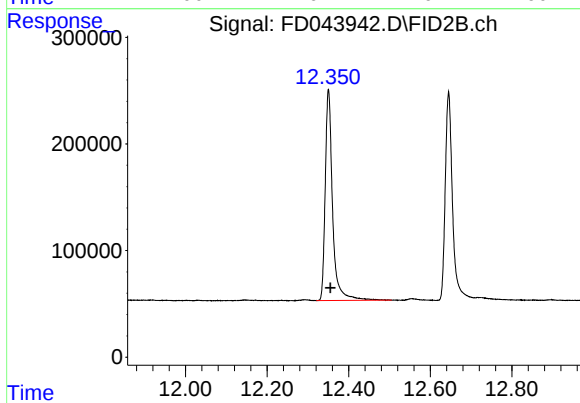
#10 Anthracene (C19.43)

R.T.: 10.621 min  
Delta R.T.: -0.007 min  
Response: 2306957  
Conc: 15.72 ug/ml



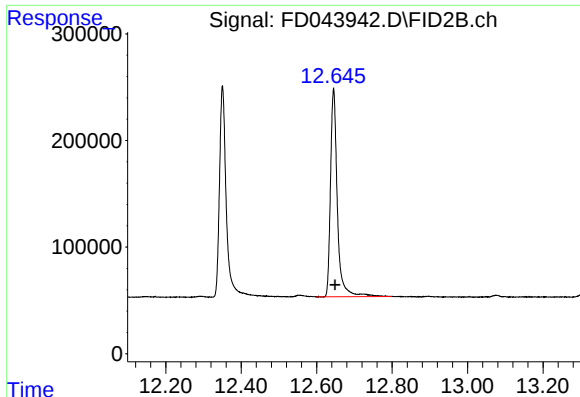
#11 ortho-Terphenyl (SURR)

R.T.: 11.312 min  
Delta R.T.: -0.003 min  
Response: 3044502  
Conc: 16.34 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.351 min  
Delta R.T.: -0.005 min  
Response: 2476661  
Conc: 16.15 ug/ml



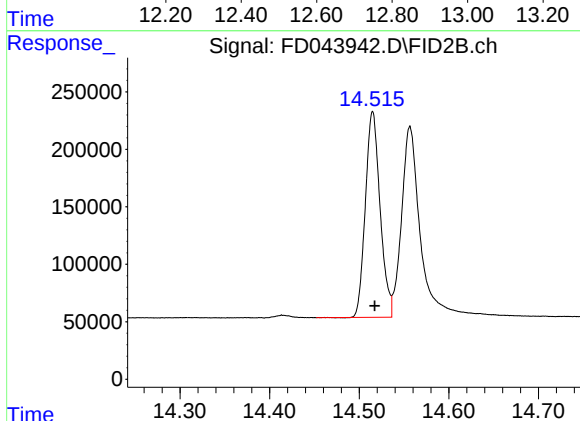
#13 Pyrene (C20.8)

R.T.: 12.645 min  
Delta R.T.: -0.004 min  
Response: 2456785  
Conc: 16.52 ug/ml

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

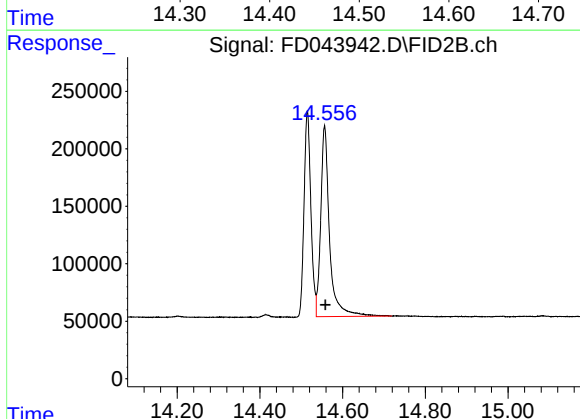
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/23/2022  
Supervised By :Ankita Jodhani 09/23/2022



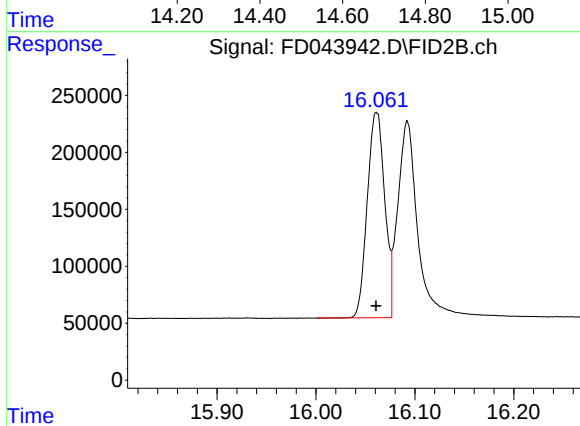
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.515 min  
Delta R.T.: -0.002 min  
Response: 2042166  
Conc: 18.27 ug/ml



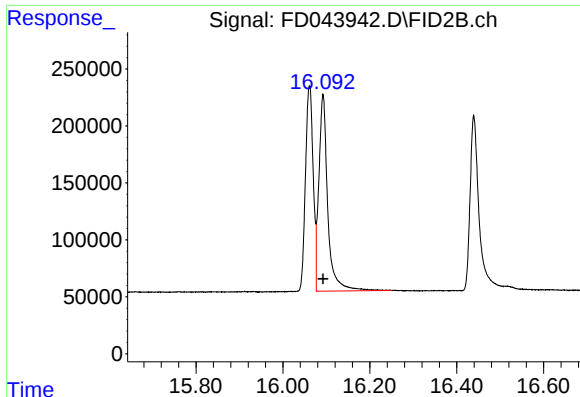
#15 Chrysene (C27.41)

R.T.: 14.557 min  
Delta R.T.: -0.002 min  
Response: 2471831  
Conc: 15.82 ug/ml



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

R.T.: 16.061 min  
Delta R.T.: 0.000 min  
Response: 2212220  
Conc: 18.97 ug/ml



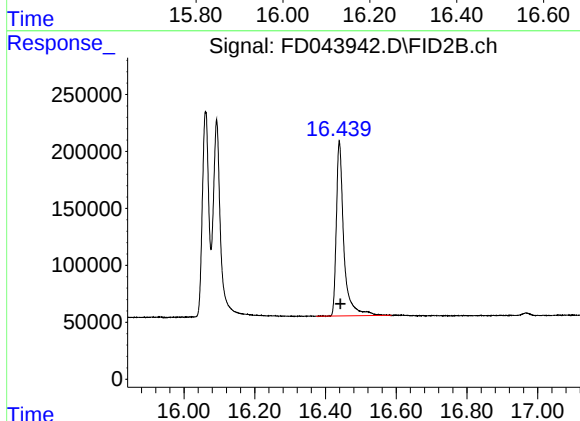
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.092 min  
Delta R.T.: 0.000 min  
Response: 2455805  
Conc: 16.54 ug/ml

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

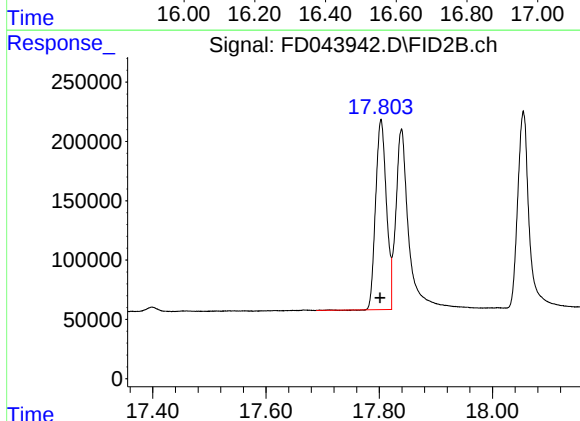
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 09/23/2022  
Supervised By :Ankita Jodhani 09/23/2022



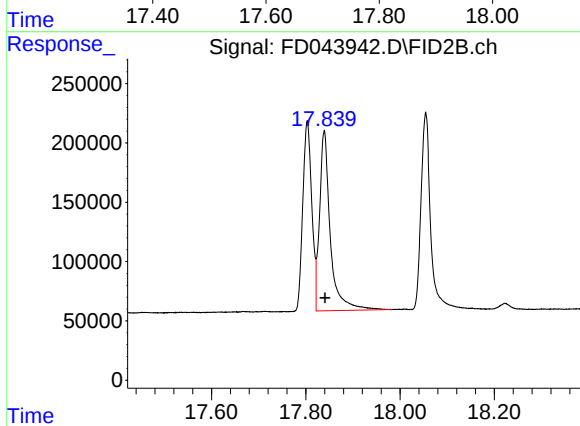
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.439 min  
Delta R.T.: -0.002 min  
Response: 2256184  
Conc: 18.63 ug/ml



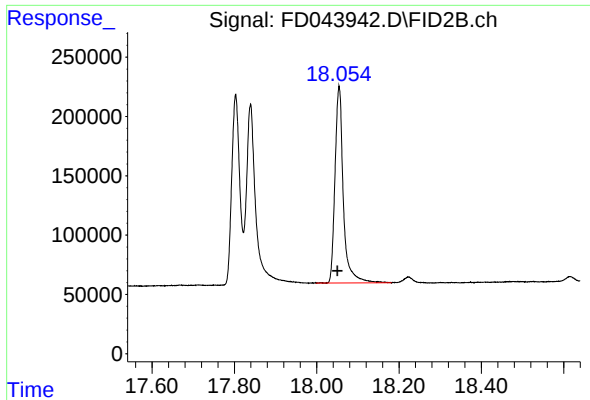
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.803 min  
Delta R.T.: 0.002 min  
Response: 2115778  
Conc: 22.25 ug/ml



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

R.T.: 17.839 min  
Delta R.T.: -0.002 min  
Response: 2404577  
Conc: 20.02 ug/ml



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

R.T.: 18.054 min  
Delta R.T.: 0.004 min  
Response: 2333350  
Conc: 20.48 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/23/2022  
Supervised By :Ankita Jodhani 09/23/2022