

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072222AR\  
 Data File : FD043327.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Jul 2022 07:34  
 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 07/25/2022  
 Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e  
 Quant Time: Jul 24 22:57:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:47:50 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...      | 7.619  | 3309031    | 21.430 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.86%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.482  | 2128735    | 20.182 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.36%        |
| 11) S ortho-Terphenyl (SURR)       | 11.528 | 3944712    | 21.704 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 43.41%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.417  | 3872179    | 23.055 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.955  | 3831433    | 21.885 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.008  | 3472521    | 21.589 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.285  | 3688367    | 20.751 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.581  | 3804191    | 21.724 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.363  | 3556809    | 20.519 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.759 | 3367788    | 19.636 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.833 | 2527766    | 14.879 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.573 | 3336822    | 19.896 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.870 | 3305074    | 20.280 ug/mlm |
| 14) T Benzo[a]anthracene (C...     | 14.741 | 2714549    | 17.480 ug/mlm |
| 15) T Chrysene (C27.41)            | 14.784 | 3008108    | 19.059 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.293 | 2940265    | 19.288 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.325 | 2849818    | 19.471 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.670 | 2547366    | 17.810 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.035 | 2270054    | 18.141 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.074 | 2577237    | 19.170 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.290 | 2725337    | 20.895 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072222AR\  
Data File : FD043327.D  
Signal(s) : FID2B.ch  
Acq On : 23 Jul 2022 07:34  
Operator : YP/AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

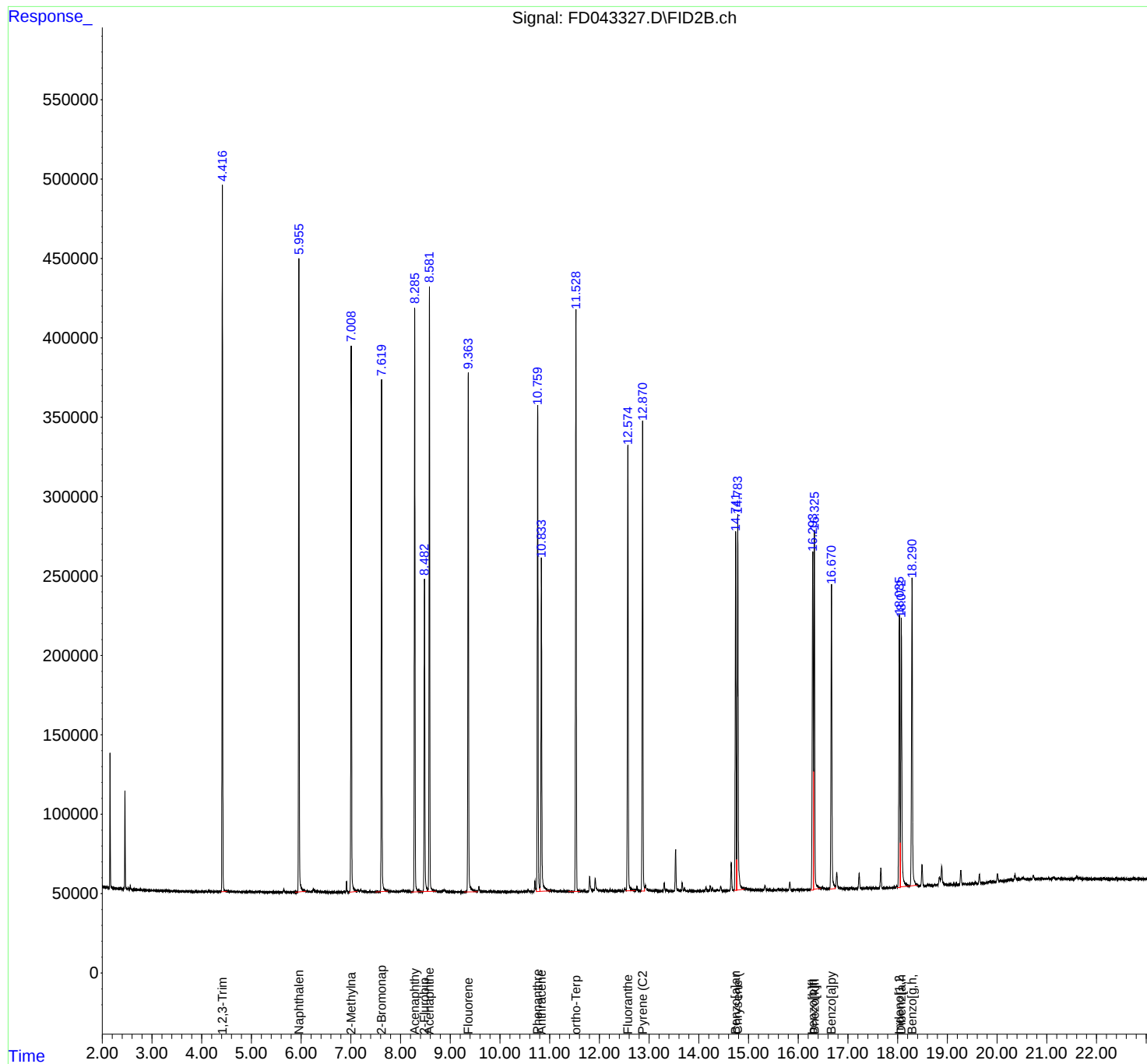
Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD

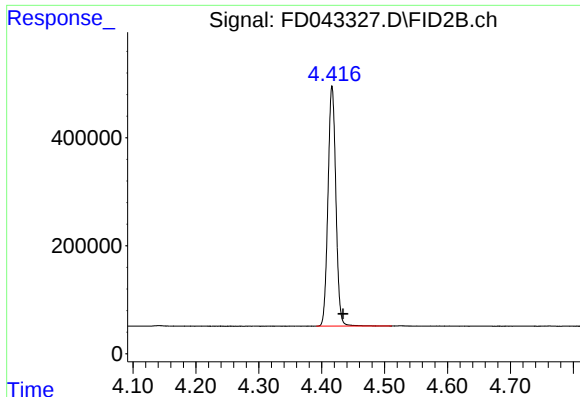
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/25/2022  
Supervised By :Ankita Jodhani 07/25/2022

Integration File: autoint1.e  
Quant Time: Jul 24 22:57:46 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062422.M  
Quant Title : GC Extractables  
QLast Update : Sat Jun 25 04:47:50 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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





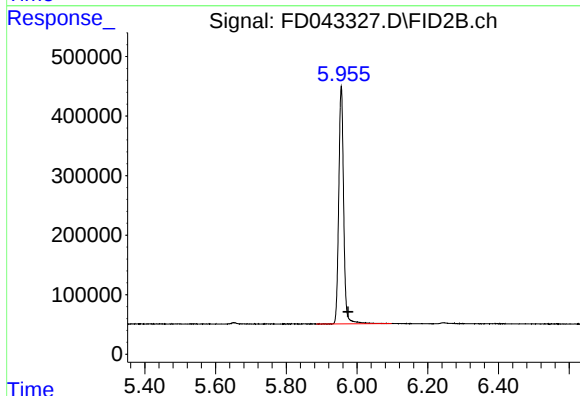
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min  
Delta R.T.: -0.017 min  
Response: 3872179  
Conc: 23.06 ug/ml

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

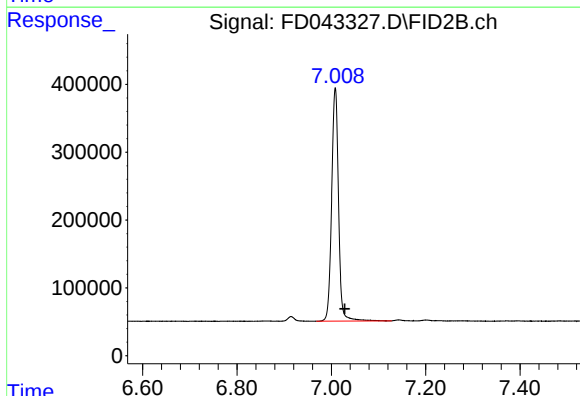
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/25/2022  
Supervised By :Ankita Jodhani 07/25/2022



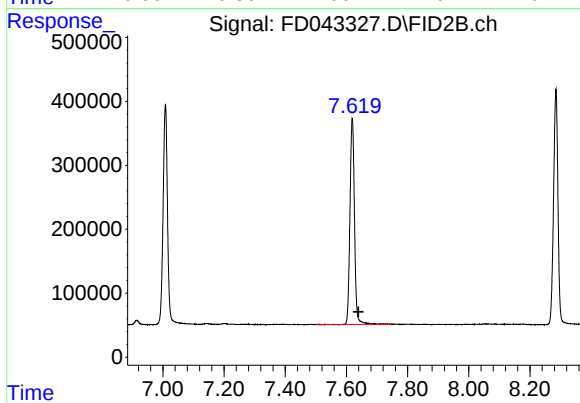
#2 Naphthalene (C11.7)

R.T.: 5.955 min  
Delta R.T.: -0.020 min  
Response: 3831433  
Conc: 21.88 ug/ml



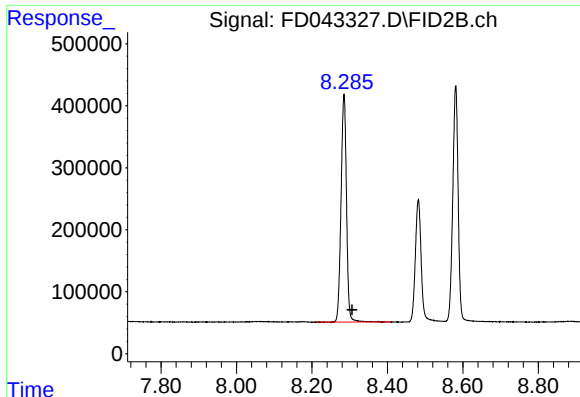
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.008 min  
Delta R.T.: -0.020 min  
Response: 3472521  
Conc: 21.59 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.619 min  
Delta R.T.: -0.020 min  
Response: 3309031  
Conc: 21.43 ug/ml



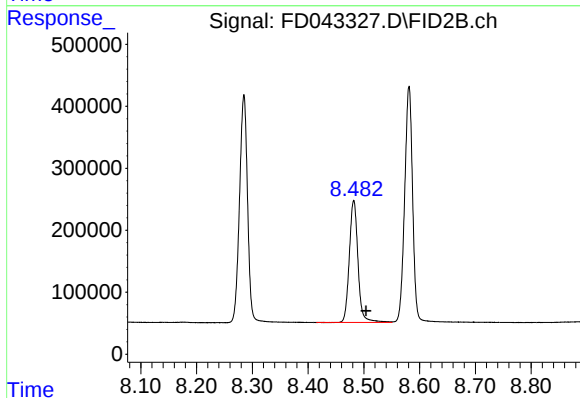
#5 Acenaphthylene (C15.06)

R.T.: 8.285 min  
Delta R.T.: -0.021 min  
Response: 3688367  
Conc: 20.75 ug/ml

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

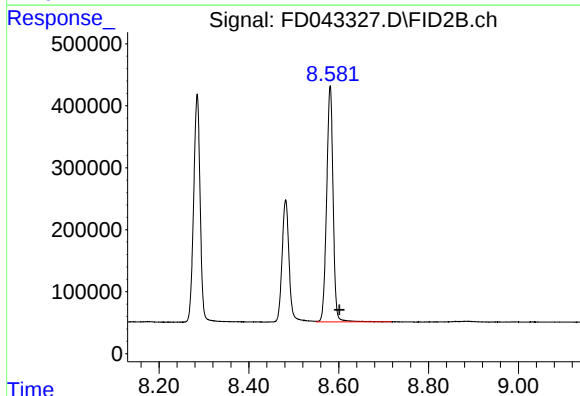
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/25/2022  
Supervised By :Ankita Jodhani 07/25/2022



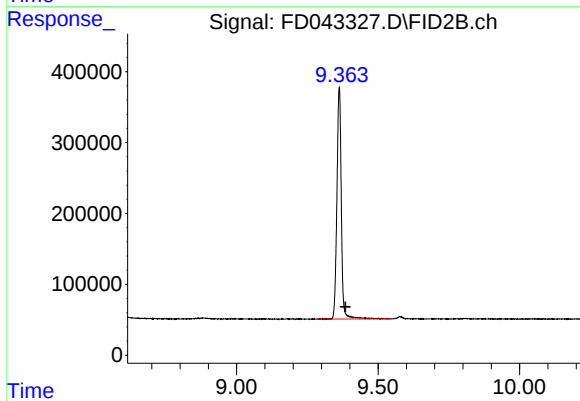
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.482 min  
Delta R.T.: -0.022 min  
Response: 2128735  
Conc: 20.18 ug/ml



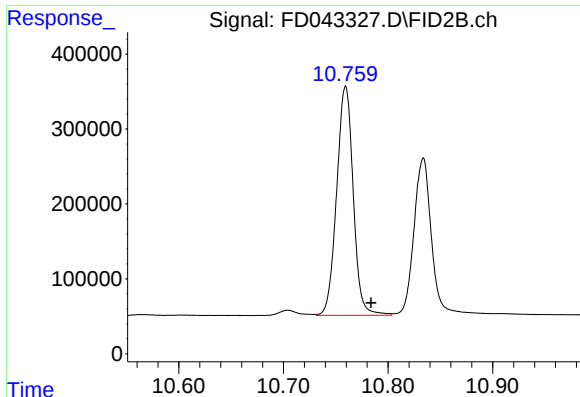
#7 Acenaphthene (C15.5)

R.T.: 8.581 min  
Delta R.T.: -0.021 min  
Response: 3804191  
Conc: 21.72 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.363 min  
Delta R.T.: -0.022 min  
Response: 3556809  
Conc: 20.52 ug/ml



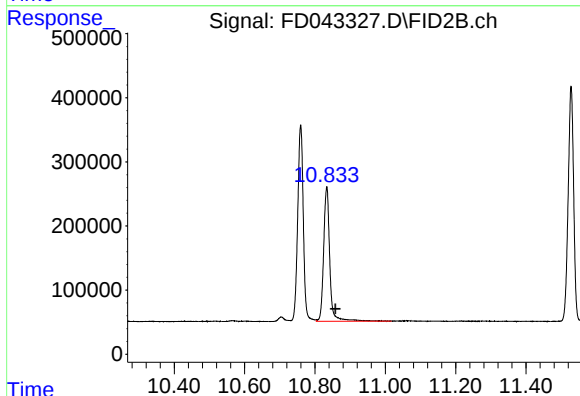
#9 Phenanthrene (C19.36)

R.T.: 10.759 min  
Delta R.T.: -0.024 min  
Response: 3367788  
Conc: 19.64 ug/ml

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

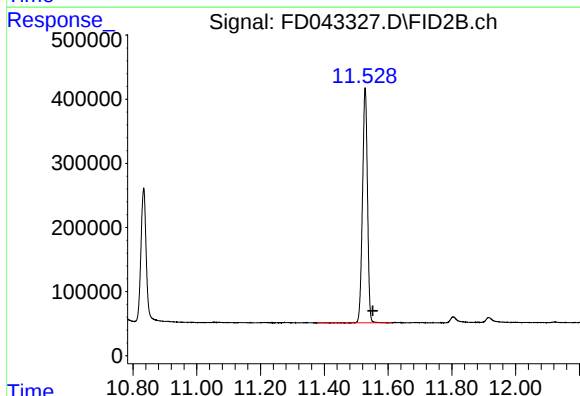
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/25/2022  
Supervised By :Ankita Jodhani 07/25/2022



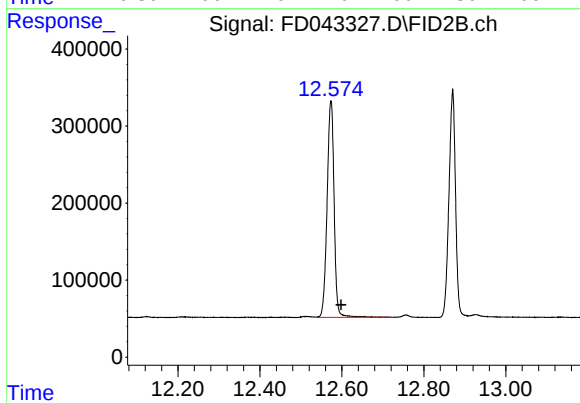
#10 Anthracene (C19.43)

R.T.: 10.833 min  
Delta R.T.: -0.025 min  
Response: 2527766  
Conc: 14.88 ug/ml



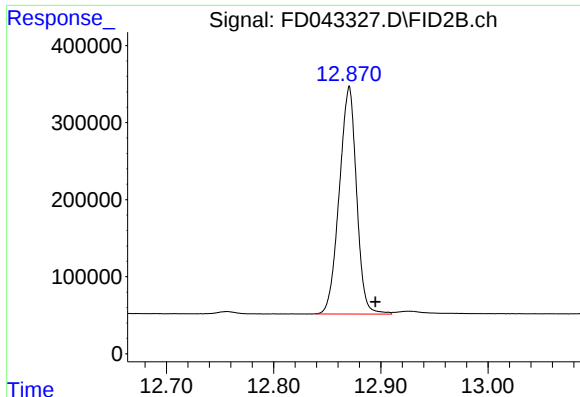
#11 ortho-Terphenyl (SURR)

R.T.: 11.528 min  
Delta R.T.: -0.023 min  
Response: 3944712  
Conc: 21.70 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.573 min  
Delta R.T.: -0.024 min  
Response: 3336822  
Conc: 19.90 ug/ml



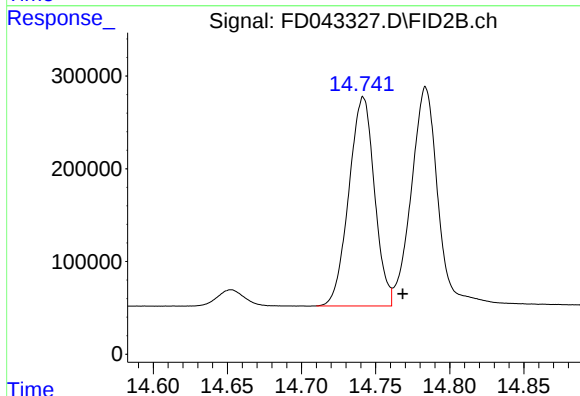
### #13 Pyrene (C20.8)

R.T.: 12.870 min  
Delta R.T.: -0.025 min  
Response: 3305074  
Conc: 20.28 ug/ml

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

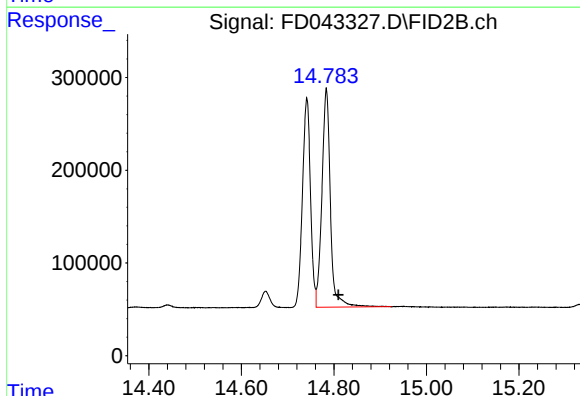
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/25/2022  
Supervised By :Ankita Jodhani 07/25/2022



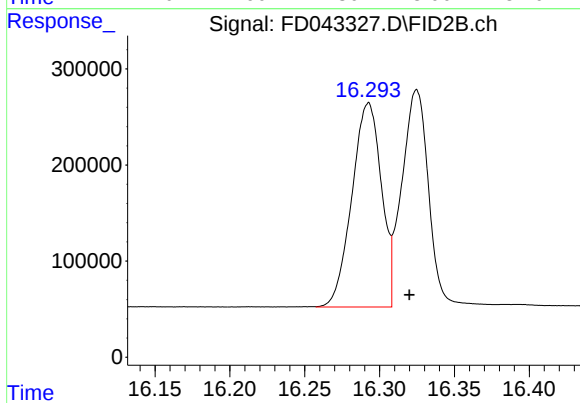
### #14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min  
Delta R.T.: -0.027 min  
Response: 2714549  
Conc: 17.48 ug/ml m



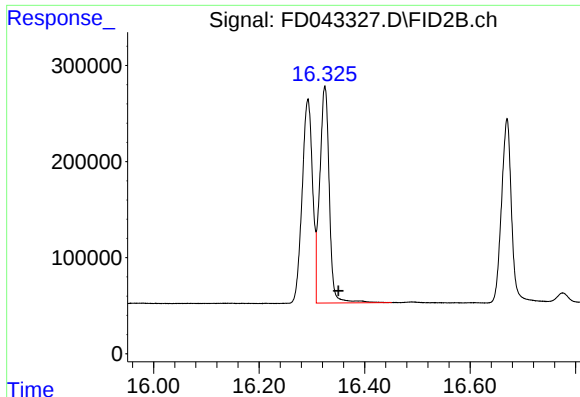
### #15 Chrysene (C27.41)

R.T.: 14.784 min  
Delta R.T.: -0.026 min  
Response: 3008108  
Conc: 19.06 ug/ml



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

R.T.: 16.293 min  
Delta R.T.: -0.027 min  
Response: 2940265  
Conc: 19.29 ug/ml m



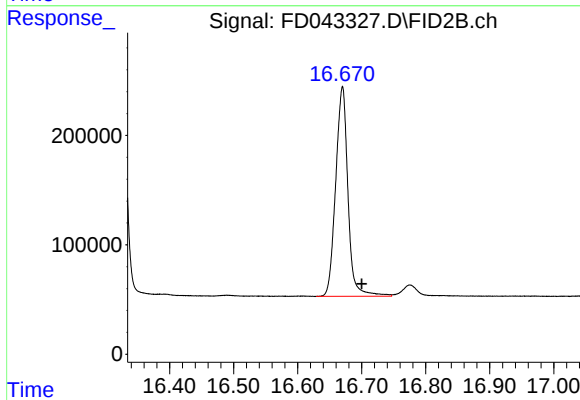
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min  
Delta R.T.: -0.026 min  
Response: 2849818  
Conc: 19.47 ug/ml

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

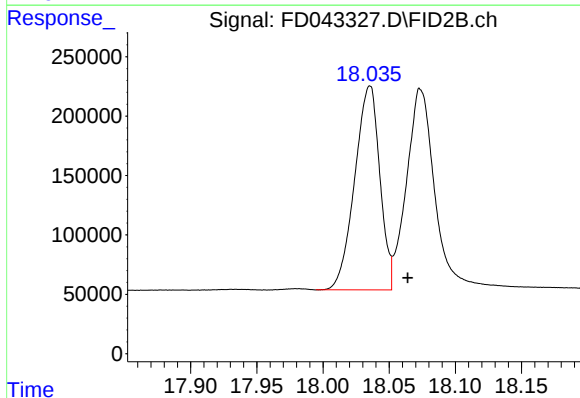
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 07/25/2022  
Supervised By :Ankita Jodhani 07/25/2022



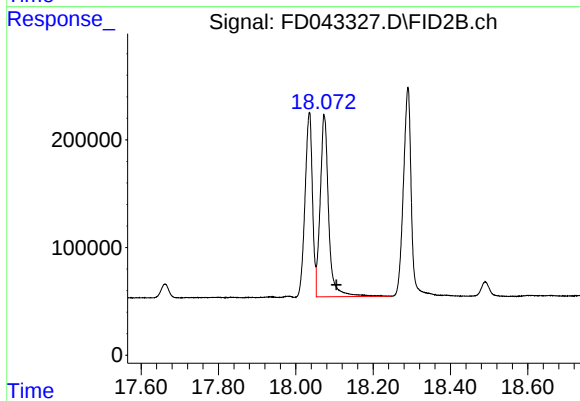
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.670 min  
Delta R.T.: -0.030 min  
Response: 2547366  
Conc: 17.81 ug/ml



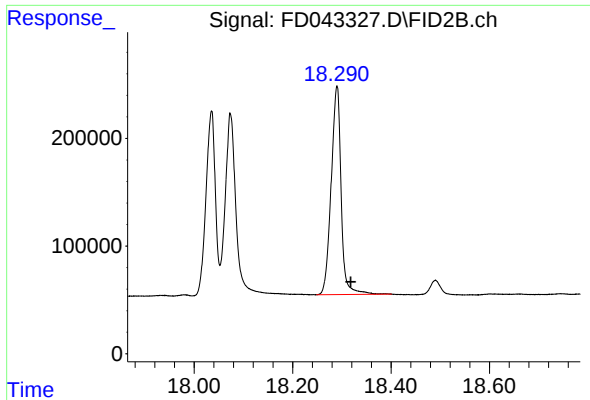
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min  
Delta R.T.: -0.029 min  
Response: 2270054  
Conc: 18.14 ug/ml m



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

R.T.: 18.074 min  
Delta R.T.: -0.031 min  
Response: 2577237  
Conc: 19.17 ug/ml



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

R.T.: 18.290 min  
Delta R.T.: -0.028 min  
Response: 2725337  
Conc: 20.90 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2022  
Supervised By :Ankita Jodhani 07/25/2022