

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG103124AR\  
 Data File : FG014615.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 Oct 2024 17:32  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
 Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e  
 Quant Time: Nov 01 01:27:40 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 102124.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 04:38:07 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...      | 8.010  | 2500580    | 19.919 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 39.84%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.885  | 1695491    | 19.684 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.37%        |
| 11) S ortho-Terphenyl (SURR)       | 11.955 | 2853506    | 19.273 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 38.55%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.615  | 2792311    | 20.609 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.285  | 2919979    | 20.348 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.382  | 2947756    | 20.184 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.685  | 2873940    | 19.739 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.985  | 2873688    | 19.857 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.775  | 2823332    | 19.488 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.182 | 2818057    | 19.146 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.257 | 2612008    | 18.626 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 13.004 | 2791688    | 18.876 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.303 | 2765875    | 18.813 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.183 | 2613259    | 18.045 ug/mlm |
| 15) T Chrysene (C27.41)            | 15.226 | 2655875    | 18.106 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.742 | 2636430    | 17.925 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.774 | 2461632    | 17.837 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.121 | 2531525    | 17.751 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.490 | 2310375    | 17.310 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.532 | 2477804    | 17.755 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.747 | 2459634    | 17.679 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG103124AR\  
Data File : FG014615.D  
Signal(s) : FID1A.ch  
Acq On : 31 Oct 2024 17:32  
Operator : YP\AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

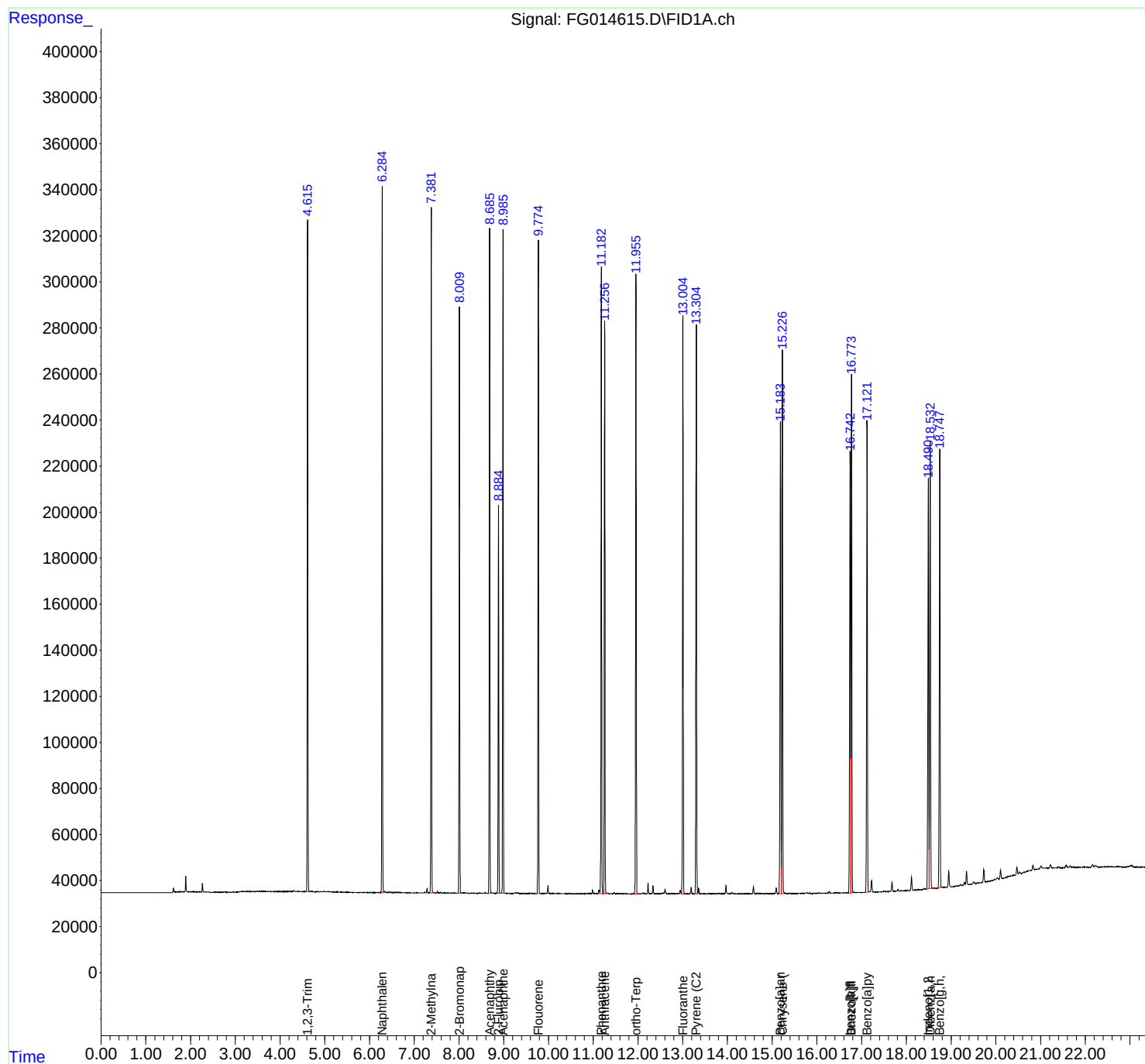
Instrument :  
FID\_G  
ClientSampleId :  
20 PPM AROMATIC HC STD

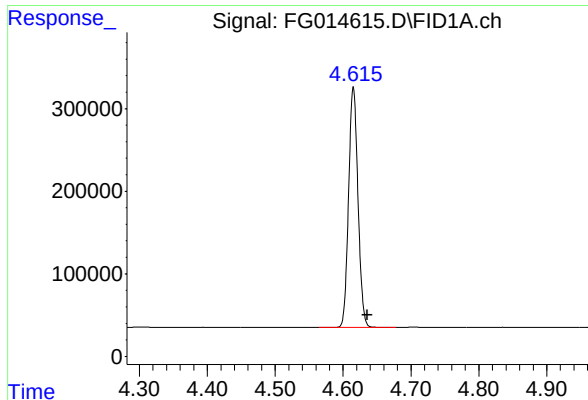
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024

Integration File: autoint1.e  
Quant Time: Nov 01 01:27:40 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aromatic EPH 102124.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 22 04:38:07 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





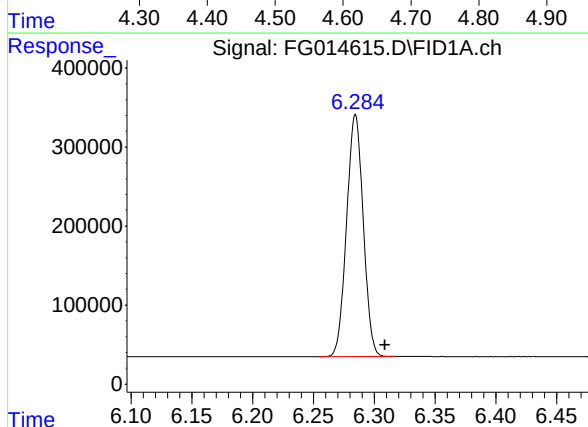
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.615 min  
Delta R.T.: -0.021 min  
Response: 2792311  
Conc: 20.61 ug/ml

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

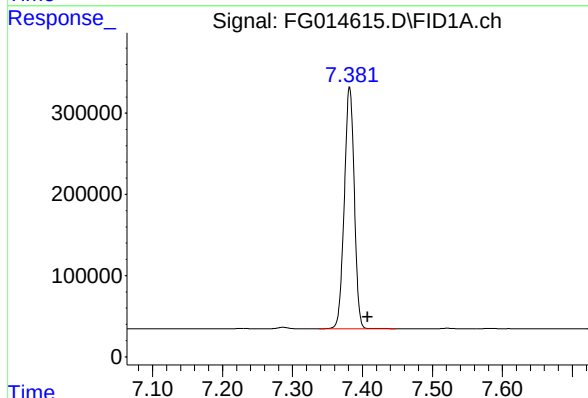
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



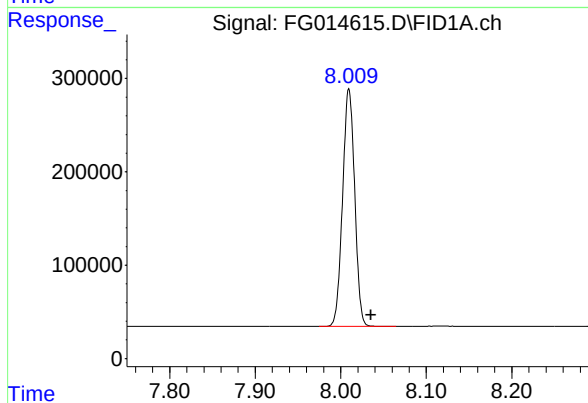
#2 Naphthalene (C11.7)

R.T.: 6.285 min  
Delta R.T.: -0.024 min  
Response: 2919979  
Conc: 20.35 ug/ml



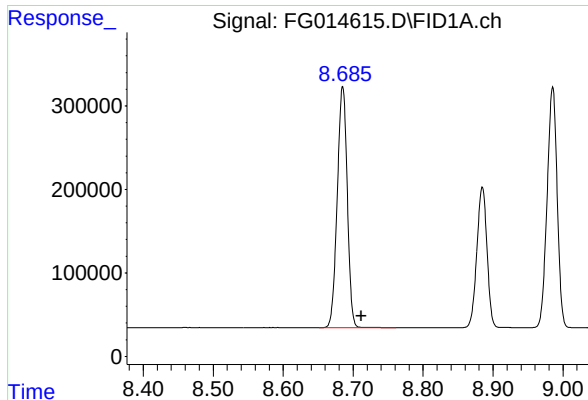
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.382 min  
Delta R.T.: -0.026 min  
Response: 2947756  
Conc: 20.18 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.010 min  
Delta R.T.: -0.026 min  
Response: 2500580  
Conc: 19.92 ug/ml



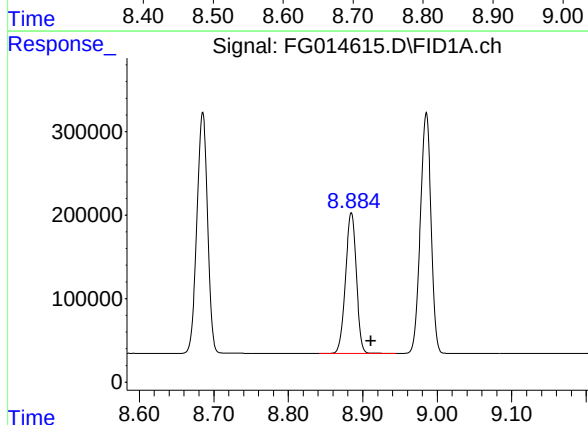
#5 Acenaphthylene (C15.06)

R.T.: 8.685 min  
Delta R.T.: -0.027 min  
Response: 2873940  
Conc: 19.74 ug/ml

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

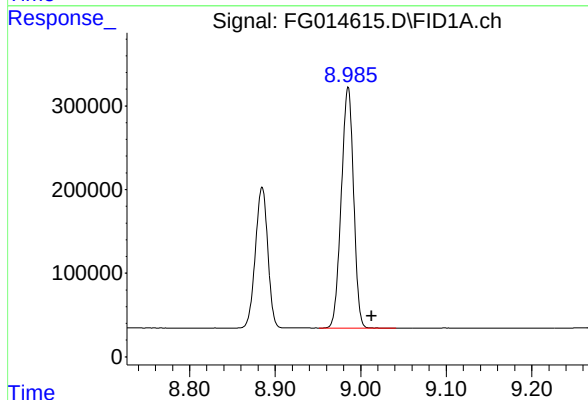
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



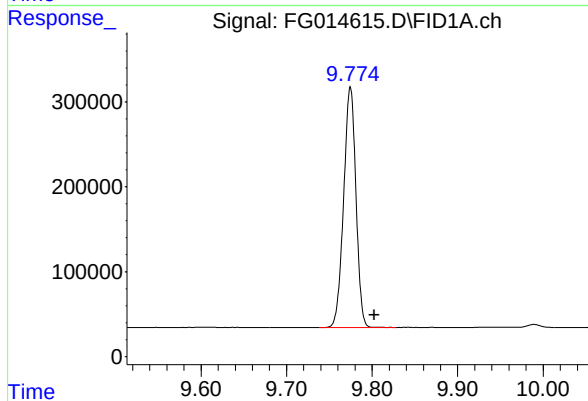
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.885 min  
Delta R.T.: -0.026 min  
Response: 1695491  
Conc: 19.68 ug/ml



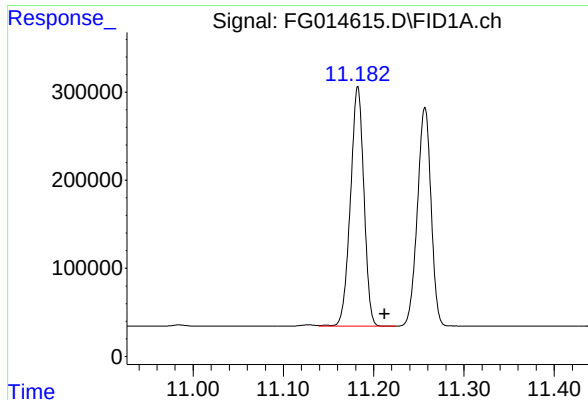
#7 Acenaphthene (C15.5)

R.T.: 8.985 min  
Delta R.T.: -0.027 min  
Response: 2873688  
Conc: 19.86 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.775 min  
Delta R.T.: -0.028 min  
Response: 2823332  
Conc: 19.49 ug/ml



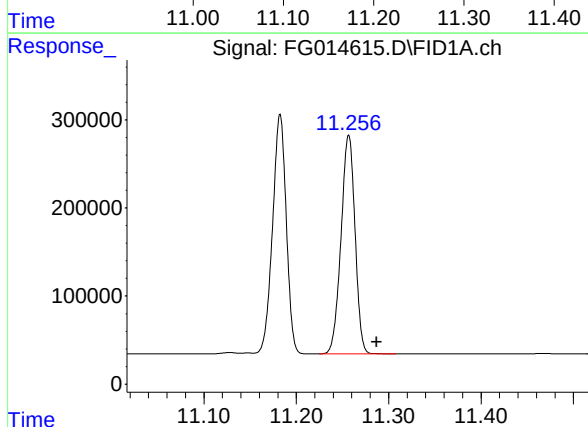
#9 Phenanthrene (C19.36)

R.T.: 11.182 min  
Delta R.T.: -0.030 min  
Response: 2818057  
Conc: 19.15 ug/ml

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

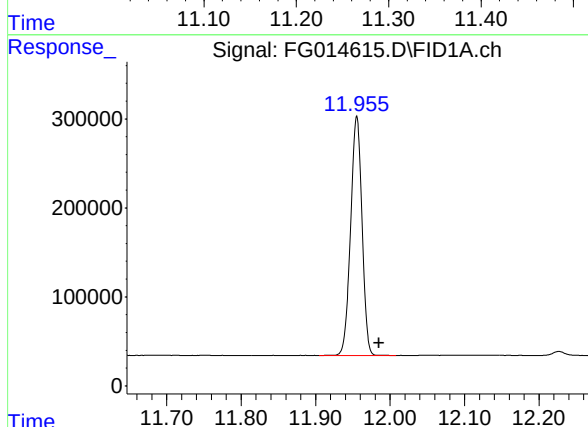
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



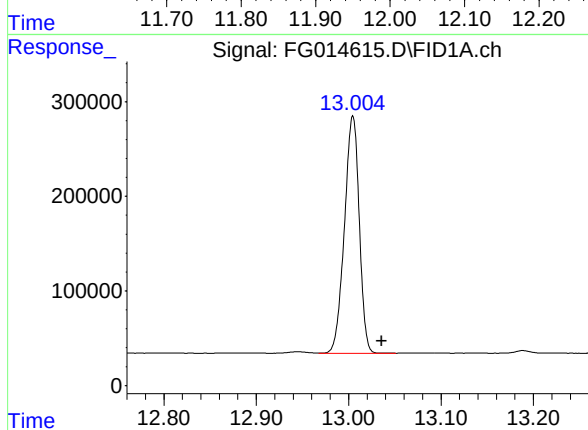
#10 Anthracene (C19.43)

R.T.: 11.257 min  
Delta R.T.: -0.030 min  
Response: 2612008  
Conc: 18.63 ug/ml



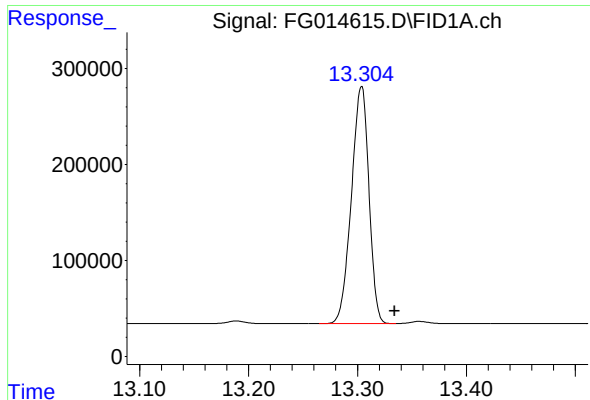
#11 ortho-Terphenyl (SURRE)

R.T.: 11.955 min  
Delta R.T.: -0.030 min  
Response: 2853506  
Conc: 19.27 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.004 min  
Delta R.T.: -0.031 min  
Response: 2791688  
Conc: 18.88 ug/ml



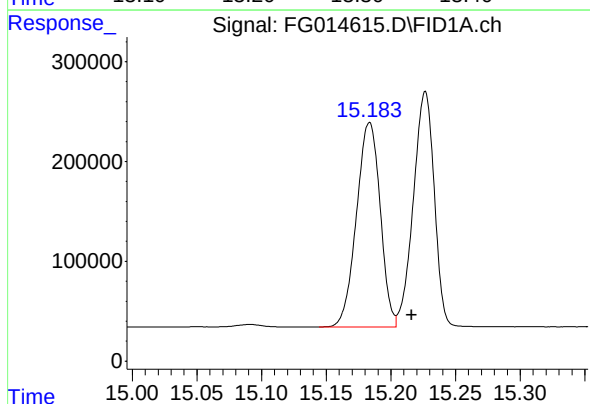
#13 Pyrene (C20.8)

R.T.: 13.303 min  
Delta R.T.: -0.031 min  
Response: 2765875  
Conc: 18.81 ug/ml

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

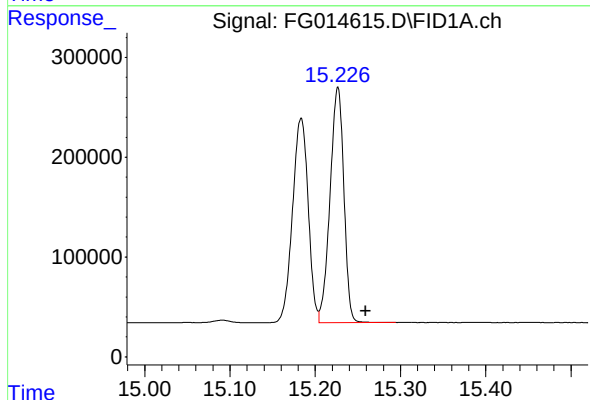
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



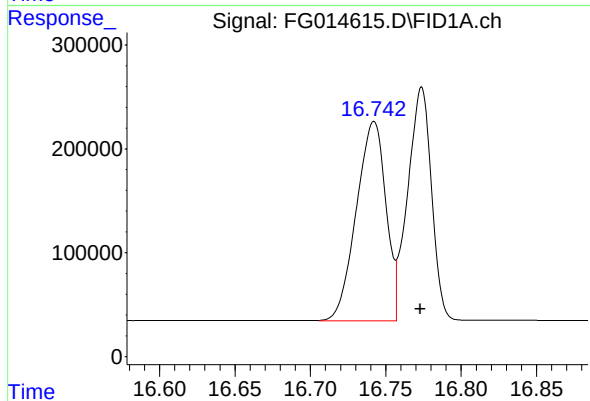
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.183 min  
Delta R.T.: -0.033 min  
Response: 2613259  
Conc: 18.04 ug/ml m



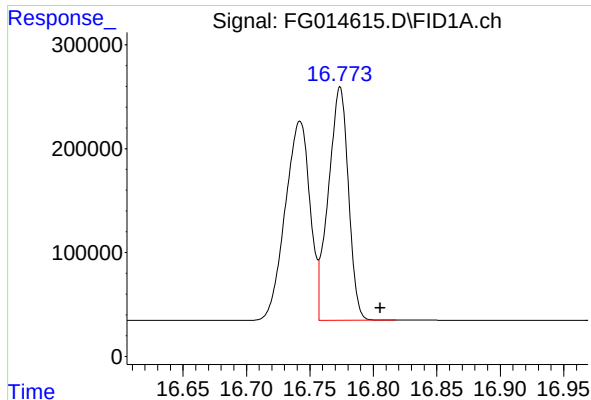
#15 Chrysene (C27.41)

R.T.: 15.226 min  
Delta R.T.: -0.033 min  
Response: 2655875  
Conc: 18.11 ug/ml



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

R.T.: 16.742 min  
Delta R.T.: -0.031 min  
Response: 2636430  
Conc: 17.93 ug/ml m



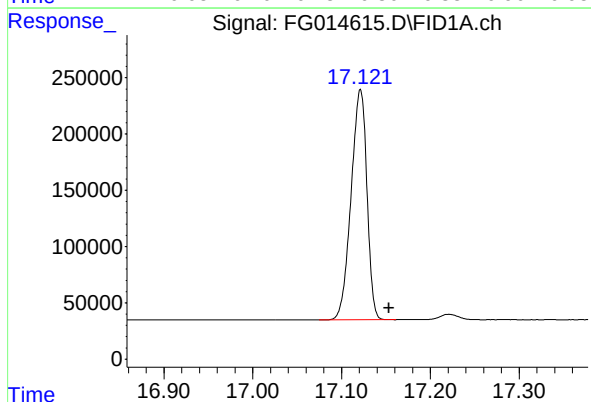
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.774 min  
Delta R.T.: -0.032 min  
Response: 2461632  
Conc: 17.84 ug/ml

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

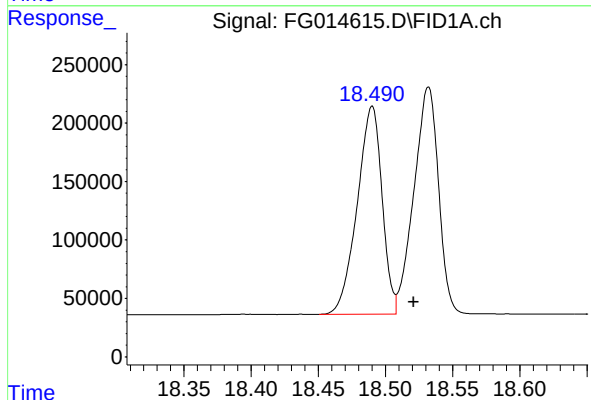
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024



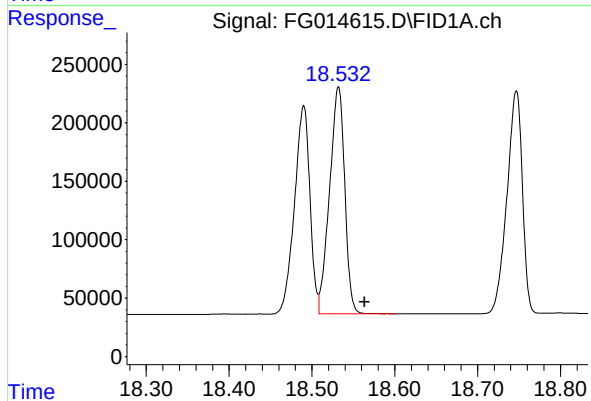
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.121 min  
Delta R.T.: -0.032 min  
Response: 2531525  
Conc: 17.75 ug/ml



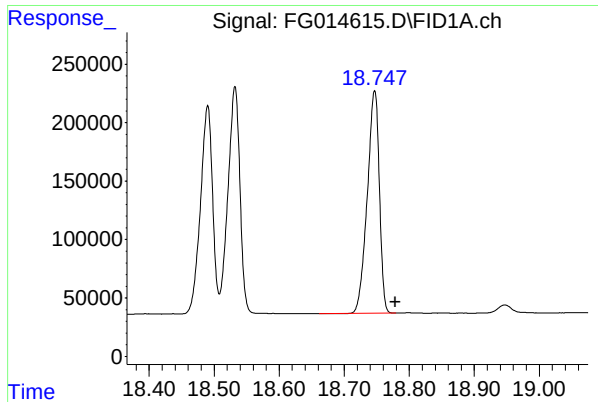
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.490 min  
Delta R.T.: -0.031 min  
Response: 2310375  
Conc: 17.31 ug/ml m



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

R.T.: 18.532 min  
Delta R.T.: -0.032 min  
Response: 2477804  
Conc: 17.76 ug/ml



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

R.T.: 18.747 min  
Delta R.T.: -0.032 min  
Response: 2459634  
Conc: 17.68 ug/ml

Instrument :

FID\_G

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/04/2024  
Supervised By :Ankita Jodhani 11/04/2024