

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021022AR\
 Data File : FD040942.D
 Signal(s) : FID2B.CH
 Acq On : 10 Feb 2022 10:11
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/11/2022
 Supervised By :Ankita Jodhani 02/11/2022

Integration File: autoint1.e
 Quant Time: Feb 11 00:08:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.358	468448	22.160 ug/ml
Spiked Amount 50.000		Recovery =	44.32%
6) S 2-Fluorobiphenyl (SURR)	8.208	270884	21.141 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.28%
11) S ortho-Terphenyl (SURR)	11.234	608358	20.965 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.173	526935	20.764 ug/ml
2) T Naphthalene (C11.7)	5.699	494451	21.292 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	520918	22.032 ug/ml
5) T Acenaphthylene (C15.06)	8.005	566318	21.104 ug/ml
7) T Acenaphthene (C15.5)	8.298	634071	21.048 ug/ml
8) T Flouorene (C16.55)	9.078	534820	21.494 ug/ml
9) T Phenanthrene (C19.36)	10.462	525273	21.317 ug/ml
10) T Anthracene (C19.43)	10.538	534675	20.495 ug/ml
12) T Fluoranthene (C21.85)	12.261	572113	21.477 ug/ml
13) T Pyrene (C20.8)	12.552	592544	21.903 ug/mlm
14) T Benzo[a]anthracene (C...	14.421	472101	21.191 ug/ml
15) T Chrysene (C27.41)	14.460	678783	21.566 ug/ml
16) T benzo[b]fluoranthene ...	15.961	533483	21.443 ug/ml
17) T Bnezo[k]fluoranthene ...	15.992	653699	21.420 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.341	578720	22.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	505386	21.413 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	663535	22.394 ug/ml
21) T Benzo[g,h,i]perylene ...	17.946	576333	21.704 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021022AR\
Data File : FD040942.D
Signal(s) : FID2B.CH
Acq On : 10 Feb 2022 10:11
Operator : YP\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

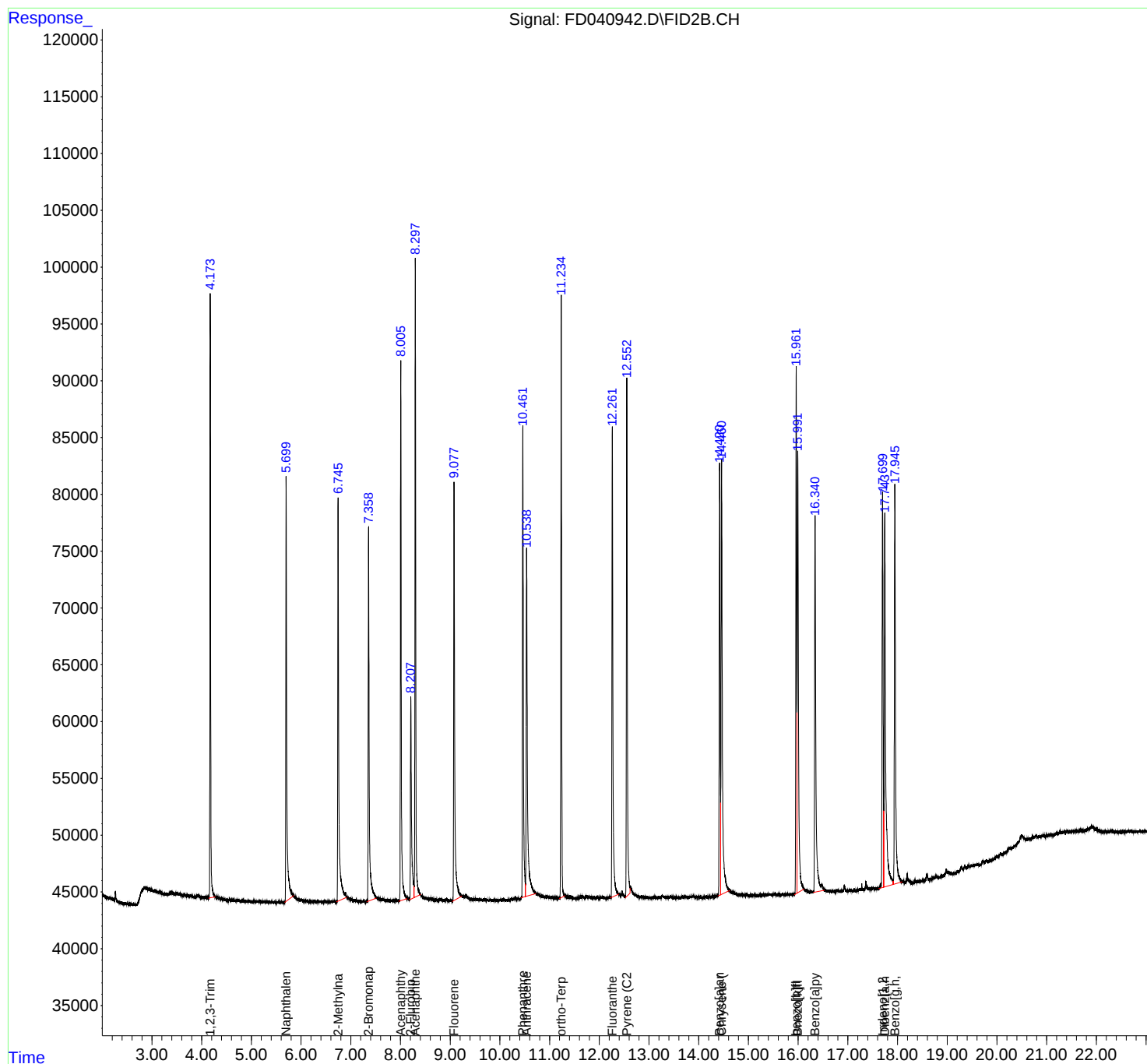
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

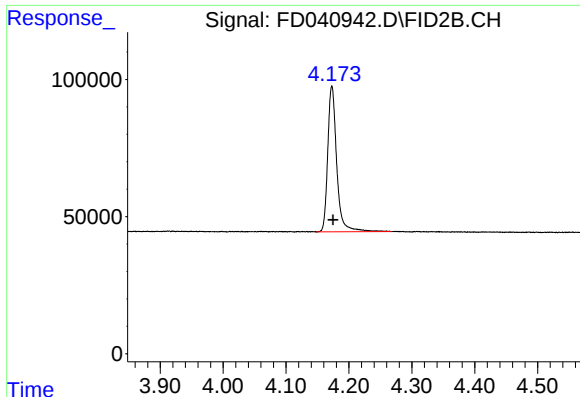
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2022
Supervised By :Ankita Jodhani 02/11/2022

Integration File: autoint1.e
Quant Time: Feb 11 00:08:38 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
Quant Title : GC Extractables
QLast Update : Tue Feb 08 22:55:26 2022
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





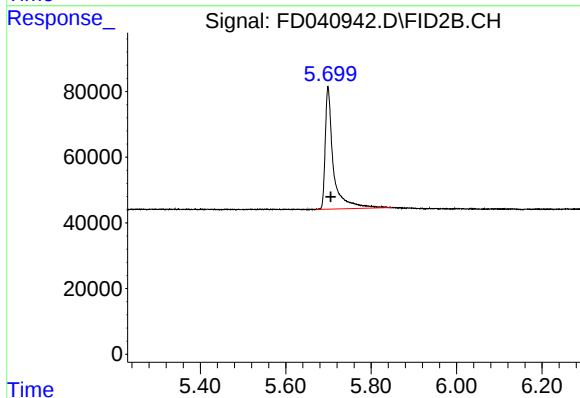
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 526935
Conc: 20.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

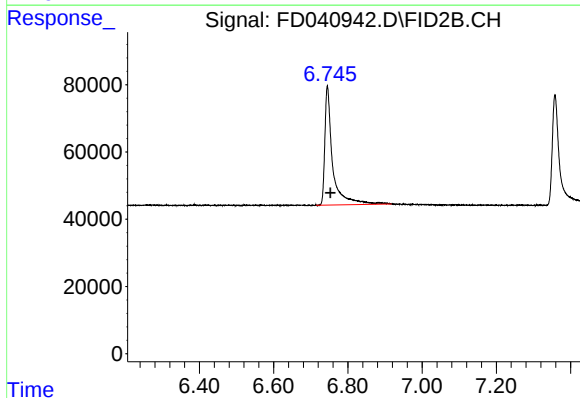
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2022
Supervised By :Ankita Jodhani 02/11/2022



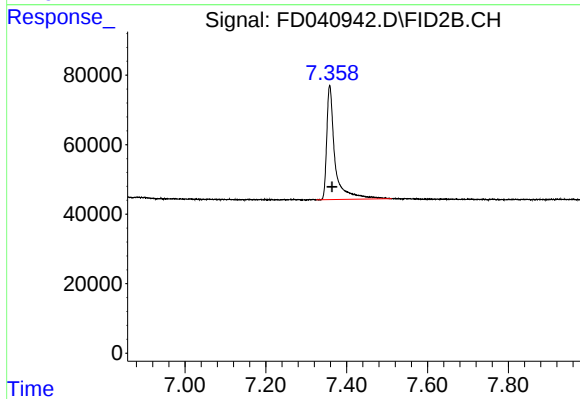
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.006 min
Response: 494451
Conc: 21.29 ug/ml



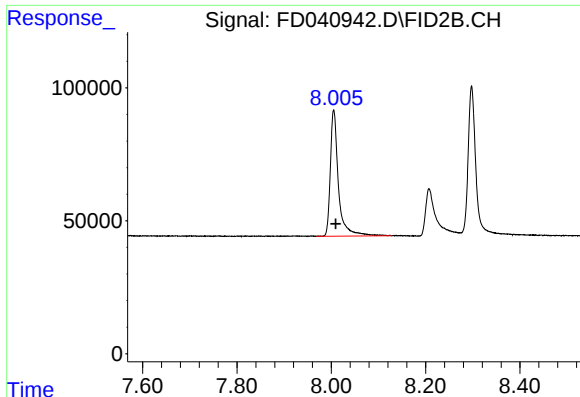
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 520918
Conc: 22.03 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.358 min
Delta R.T.: -0.006 min
Response: 468448
Conc: 22.16 ug/ml



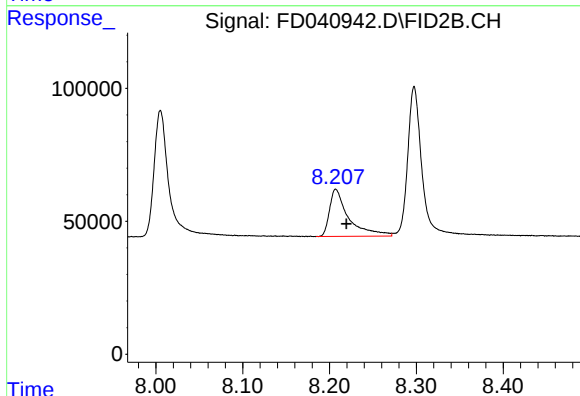
#5 Acenaphthylene (C15.06)

R.T.: 8.005 min
Delta R.T.: -0.004 min
Response: 566318
Conc: 21.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

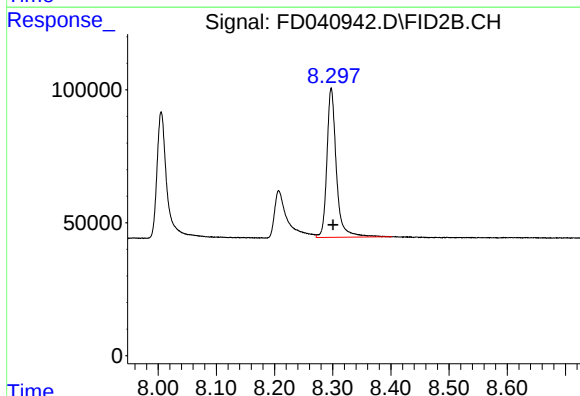
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2022
Supervised By :Ankita Jodhani 02/11/2022



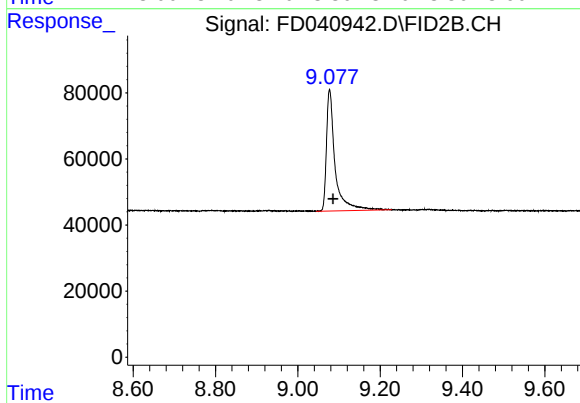
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.012 min
Response: 270884
Conc: 21.14 ug/ml



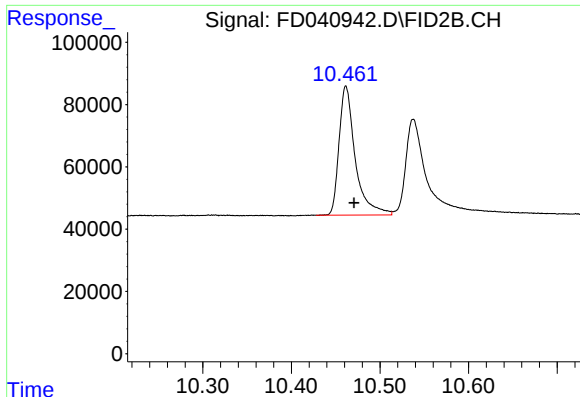
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.003 min
Response: 634071
Conc: 21.05 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.008 min
Response: 534820
Conc: 21.49 ug/ml



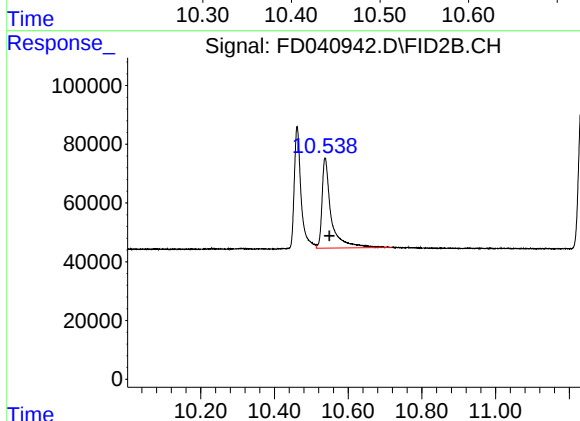
#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.009 min
Response: 525273
Conc: 21.32 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

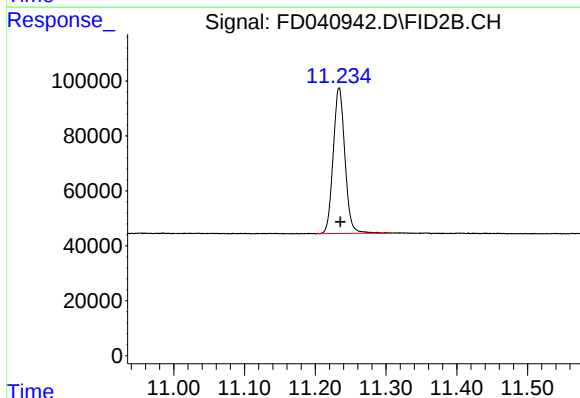
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2022
Supervised By :Ankita Jodhani 02/11/2022



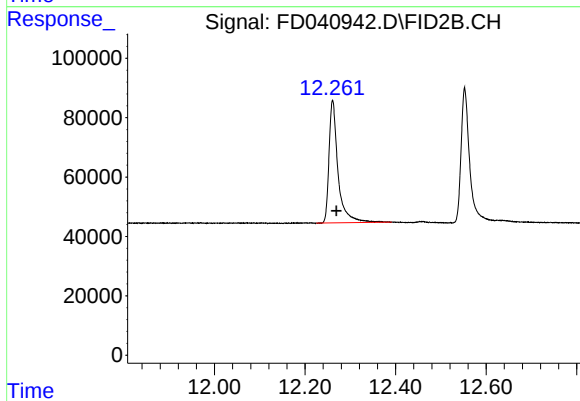
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.011 min
Response: 534675
Conc: 20.50 ug/ml



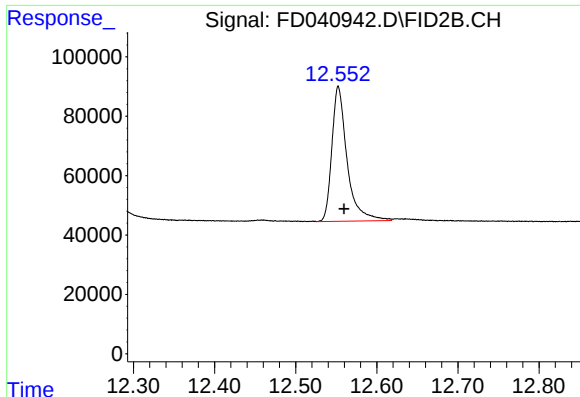
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.002 min
Response: 608358
Conc: 20.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: -0.008 min
Response: 572113
Conc: 21.48 ug/ml



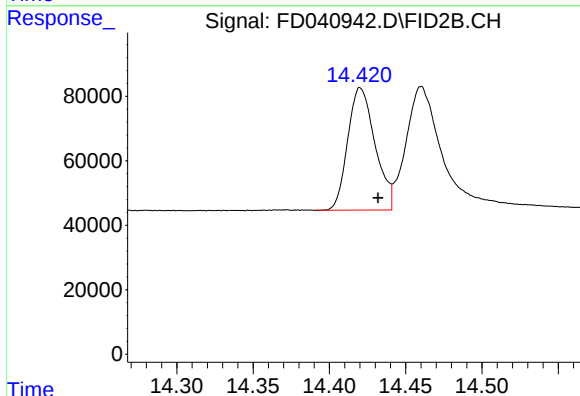
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: -0.007 min
Response: 592544
Conc: 21.90 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

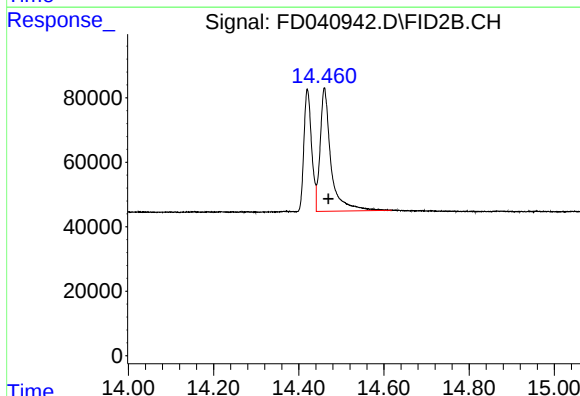
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2022
Supervised By :Ankita Jodhani 02/11/2022



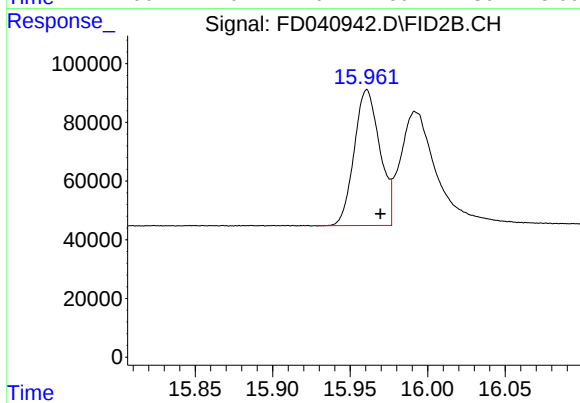
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.011 min
Response: 472101
Conc: 21.19 ug/ml



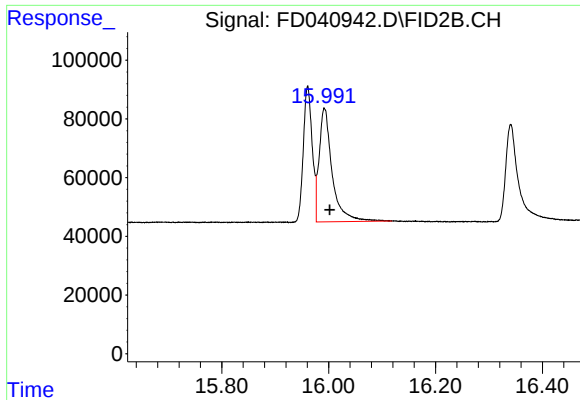
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: -0.009 min
Response: 678783
Conc: 21.57 ug/ml



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

R.T.: 15.961 min
Delta R.T.: -0.009 min
Response: 533483
Conc: 21.44 ug/ml



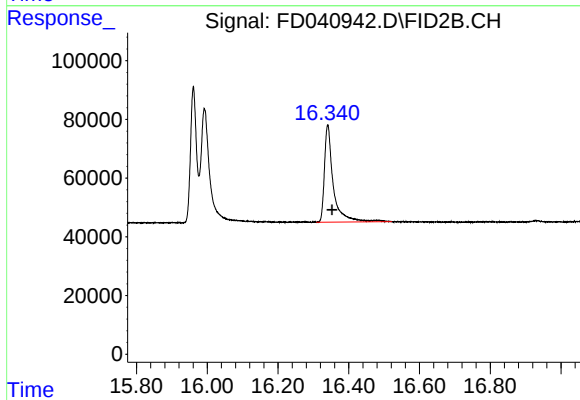
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.992 min
Delta R.T.: -0.010 min
Response: 653699
Conc: 21.42 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

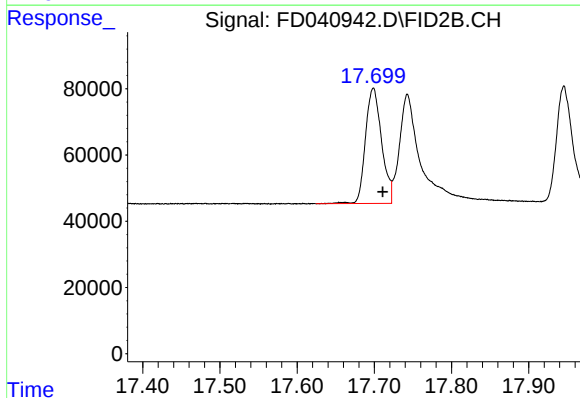
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2022
Supervised By :Ankita Jodhani 02/11/2022



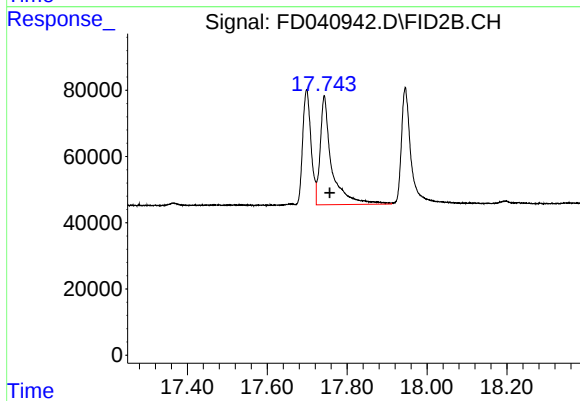
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.341 min
Delta R.T.: -0.012 min
Response: 578720
Conc: 22.70 ug/ml



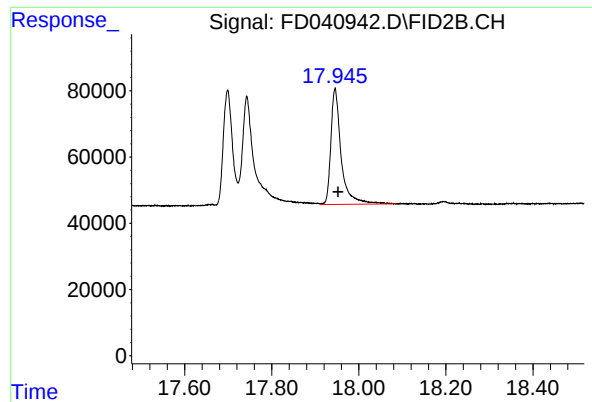
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.012 min
Response: 505386
Conc: 21.41 ug/ml



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

R.T.: 17.743 min
Delta R.T.: -0.014 min
Response: 663535
Conc: 22.39 ug/ml



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

R.T.: 17.946 min
Delta R.T.: -0.007 min
Response: 576333
Conc: 21.70 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/11/2022
Supervised By :Ankita Jodhani 02/11/2022