

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
 Data File : FD047971.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2024 13:09
 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 07/03/2024
 Supervised By :Ankita Jodhani 07/03/2024

Integration File: autoint1.e
 Quant Time: Jul 03 04:57:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.414	2828461	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
6) S 2-Fluorobiphenyl (SURR)	8.265	1855704	19.051 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.10%
11) S ortho-Terphenyl (SURR)	11.302	3204601	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	3216561	20.013 ug/ml
2) T Naphthalene (C11.7)	5.753	3335785	19.699 ug/ml
3) T 2-Methylnaphthalene (...)	6.801	3347940	19.443 ug/ml
5) T Acenaphthylene (C15.06)	8.068	3274381	19.495 ug/ml
7) T Acenaphthene (C15.5)	8.362	3297596	19.455 ug/ml
8) T Flouorene (C16.55)	9.141	3200142	19.273 ug/ml
9) T Phenanthrene (C19.36)	10.528	3095111	18.906 ug/ml
10) T Anthracene (C19.43)	10.603	3047235	18.736 ug/ml
12) T Fluoranthene (C21.85)	12.333	3107450	18.871 ug/ml
13) T Pyrene (C20.8)	12.627	3075082	18.859 ug/ml
14) T Benzo[a]anthracene (C...	14.495	2760296	17.994 ug/ml
15) T Chrysene (C27.41)	14.537	3011603	18.414 ug/ml
16) T benzo[b]fluoranthene ...	16.040	2857770	18.599 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.071	2796612	18.671 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.417	2807812	18.426 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.779	2263951	17.218 ug/ml
20) T Dibenz[a,h]anthracene...	17.821	2728147	17.225 ug/ml
21) T Benzo[g,h,i]perylene ...	18.029	2813537	18.716 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070224AR\
Data File : FD047971.D
Signal(s) : FID2B.ch
Acq On : 02 Jul 2024 13:09
Operator : YP/AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

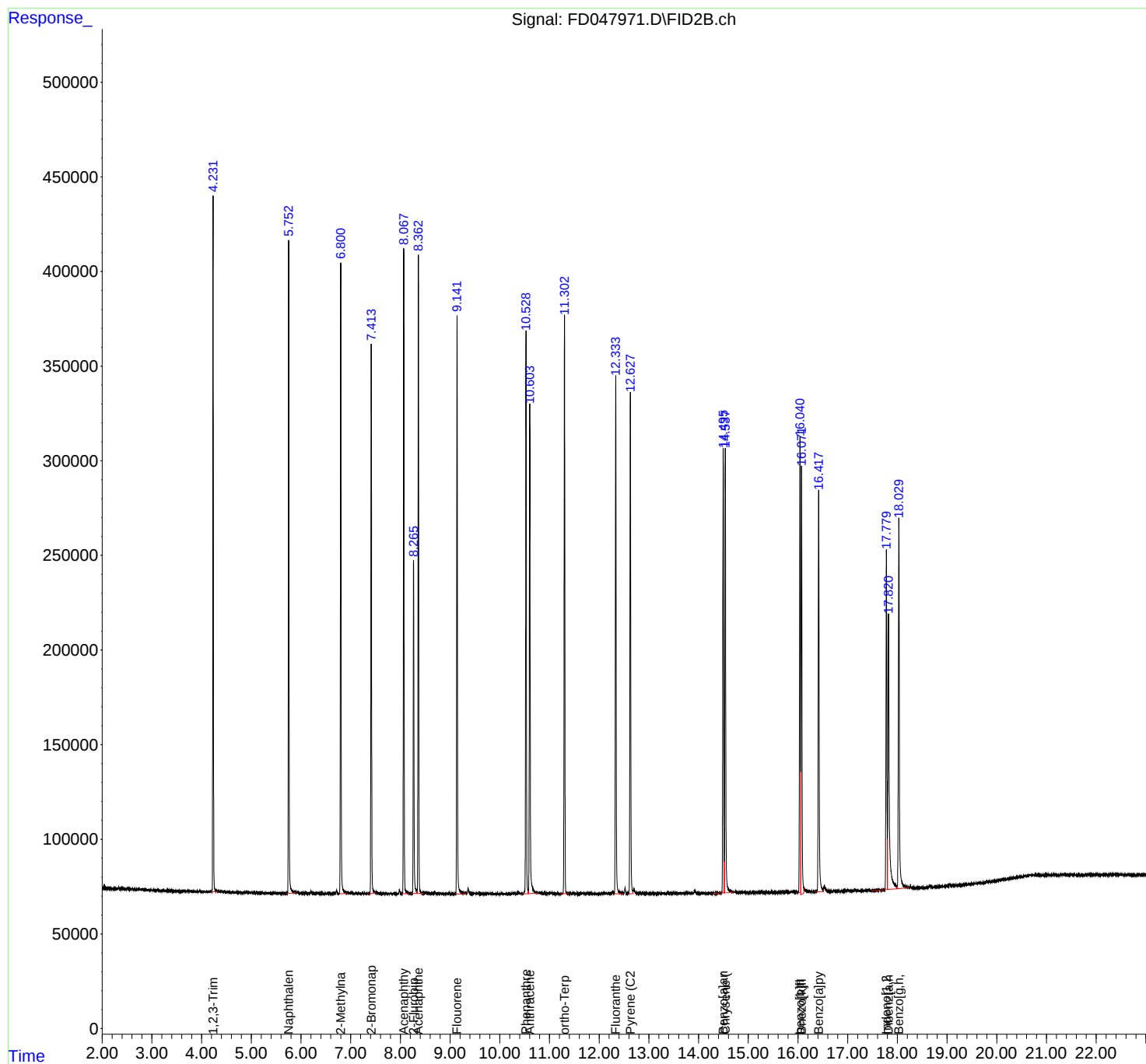
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

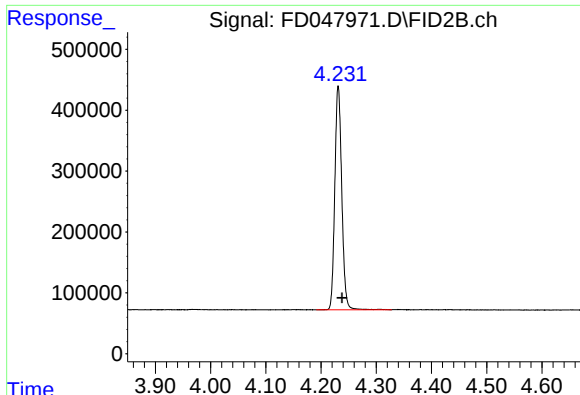
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :Ankita Jodhani 07/03/2024

Integration File: autoint1.e
Quant Time: Jul 03 04:57:14 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
Quant Title : GC Extractables
QLast Update : Mon Jun 17 13:47:07 2024
Response via : Initial Calibration
Integrator: ChemStation

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





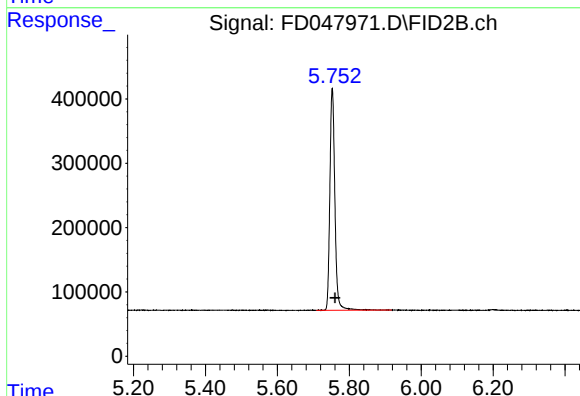
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.231 min
Delta R.T.: -0.007 min
Response: 3216561
Conc: 20.01 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

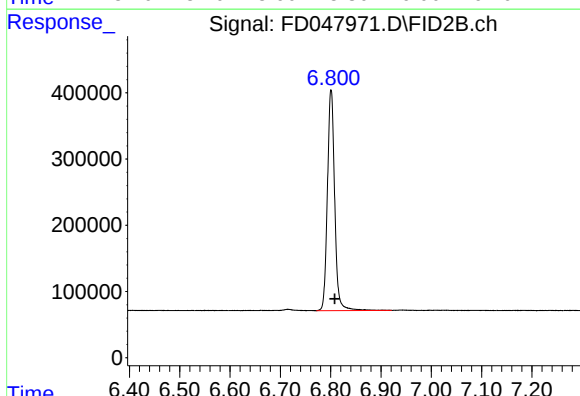
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :Ankita Jodhani 07/03/2024



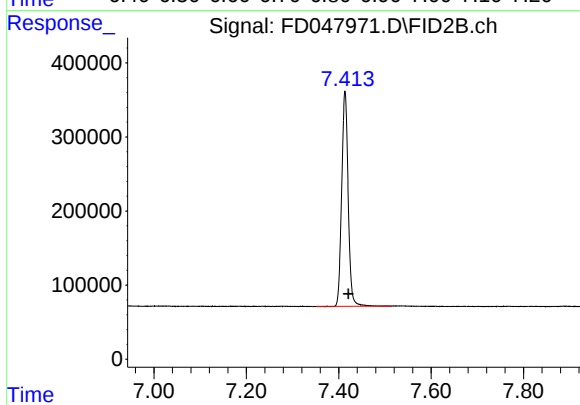
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.008 min
Response: 3335785
Conc: 19.70 ug/ml



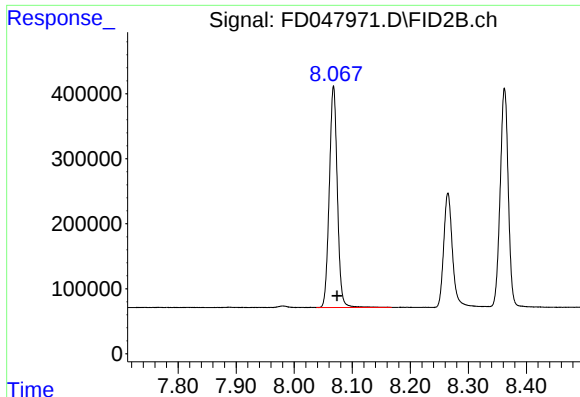
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.801 min
Delta R.T.: -0.007 min
Response: 3347940
Conc: 19.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.414 min
Delta R.T.: -0.007 min
Response: 2828461
Conc: 19.45 ug/ml



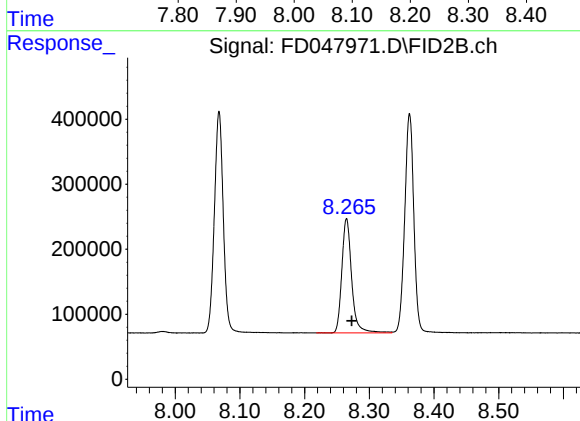
#5 Acenaphthylene (C15.06)

R.T.: 8.068 min
Delta R.T.: -0.006 min
Response: 3274381
Conc: 19.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

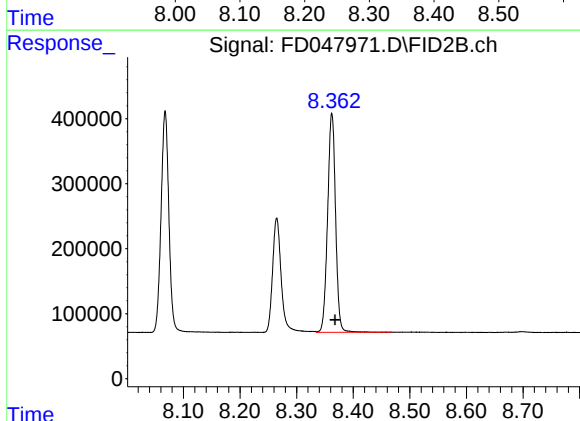
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :Ankita Jodhani 07/03/2024



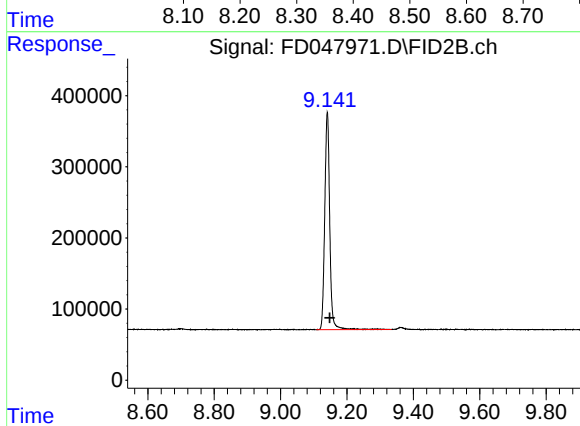
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.265 min
Delta R.T.: -0.008 min
Response: 1855704
Conc: 19.05 ug/ml



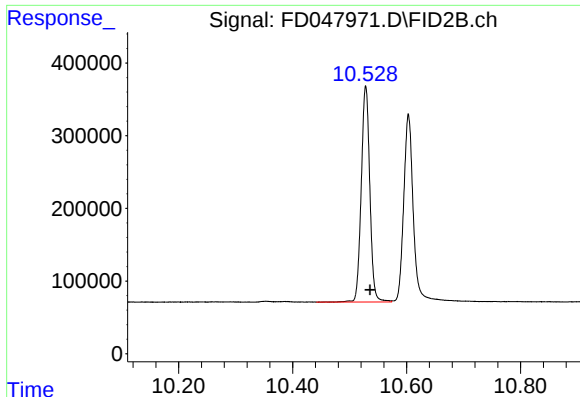
#7 Acenaphthene (C15.5)

R.T.: 8.362 min
Delta R.T.: -0.006 min
Response: 3297596
Conc: 19.46 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.141 min
Delta R.T.: -0.007 min
Response: 3200142
Conc: 19.27 ug/ml



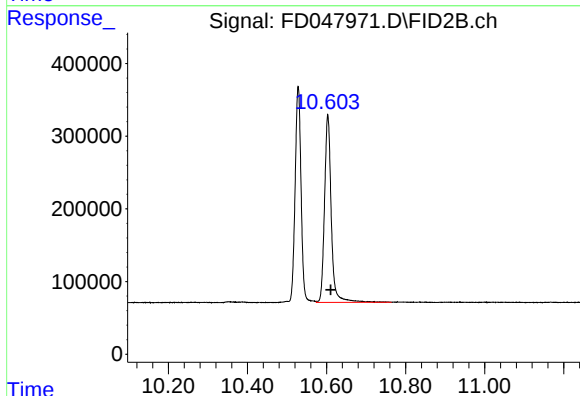
#9 Phenanthrene (C19.36)

R.T.: 10.528 min
Delta R.T.: -0.008 min
Response: 3095111
Conc: 18.91 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

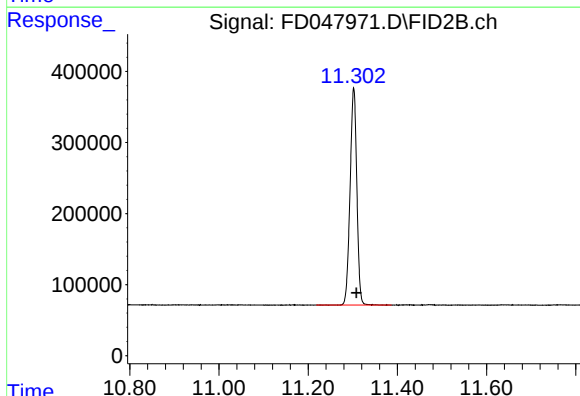
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :Ankita Jodhani 07/03/2024



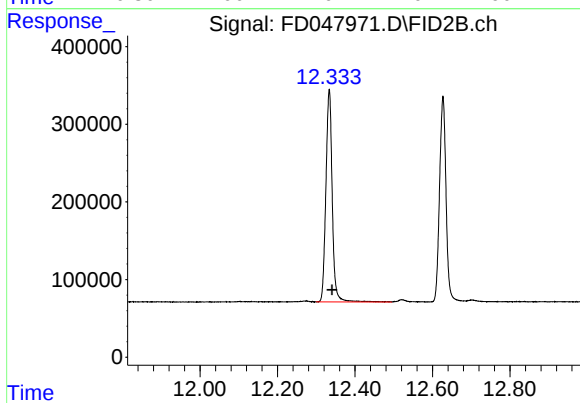
#10 Anthracene (C19.43)

R.T.: 10.603 min
Delta R.T.: -0.008 min
Response: 3047235
Conc: 18.74 ug/ml



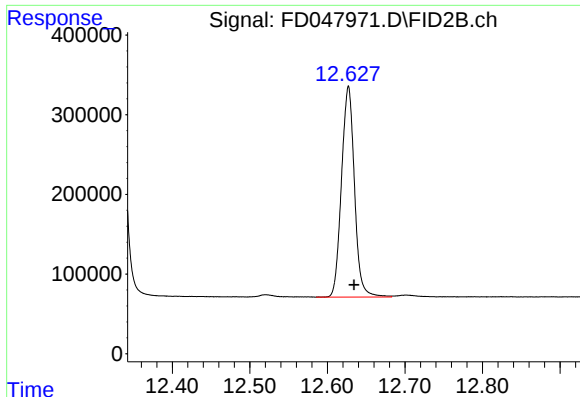
#11 ortho-Terphenyl (SURR)

R.T.: 11.302 min
Delta R.T.: -0.006 min
Response: 3204601
Conc: 19.07 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.333 min
Delta R.T.: -0.007 min
Response: 3107450
Conc: 18.87 ug/ml



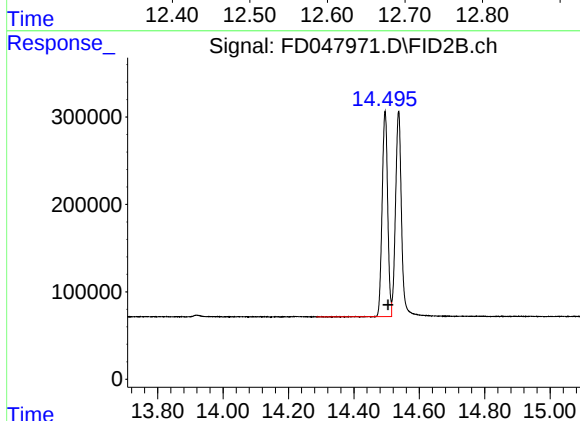
#13 Pyrene (C20.8)

R.T.: 12.627 min
Delta R.T.: -0.007 min
Response: 3075082
Conc: 18.86 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

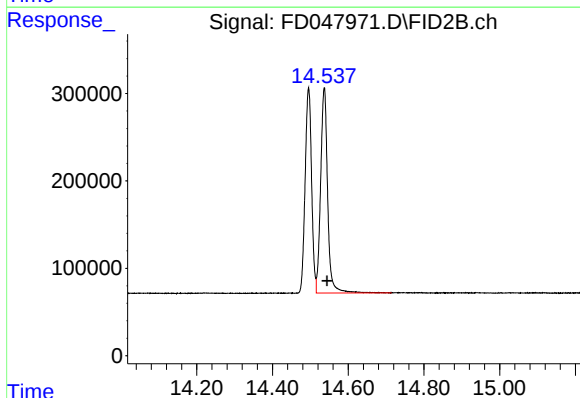
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :Ankita Jodhani 07/03/2024



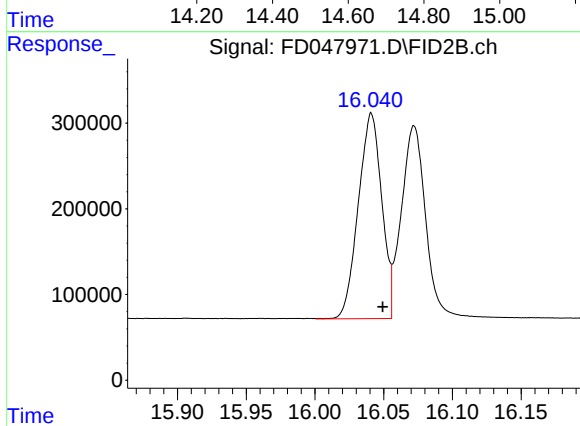
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.495 min
Delta R.T.: -0.009 min
Response: 2760296
Conc: 17.99 ug/ml



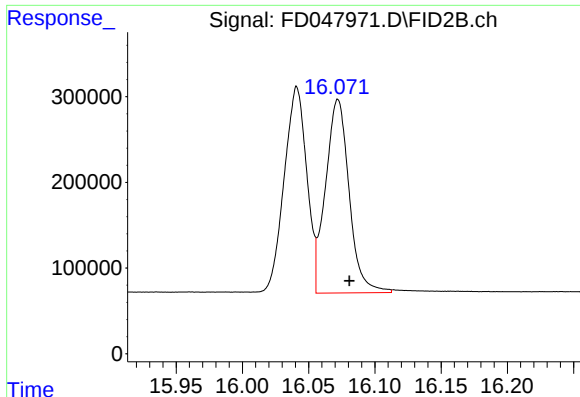
#15 Chrysene (C27.41)

R.T.: 14.537 min
Delta R.T.: -0.008 min
Response: 3011603
Conc: 18.41 ug/ml



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

R.T.: 16.040 min
Delta R.T.: -0.009 min
Response: 2857770
Conc: 18.60 ug/ml m



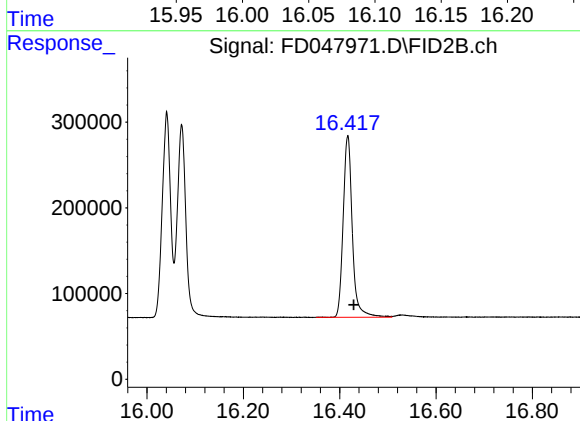
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.071 min
Delta R.T.: -0.009 min
Response: 2796612
Conc: 18.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

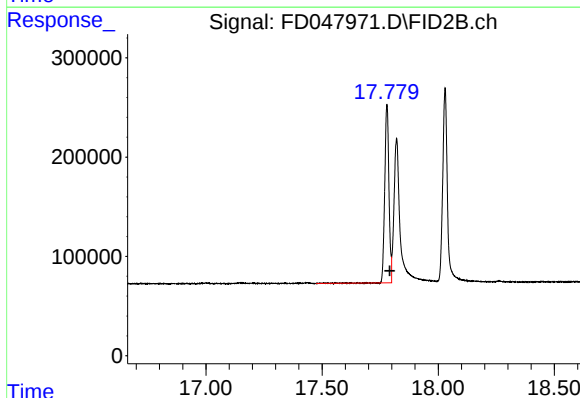
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :Ankita Jodhani 07/03/2024



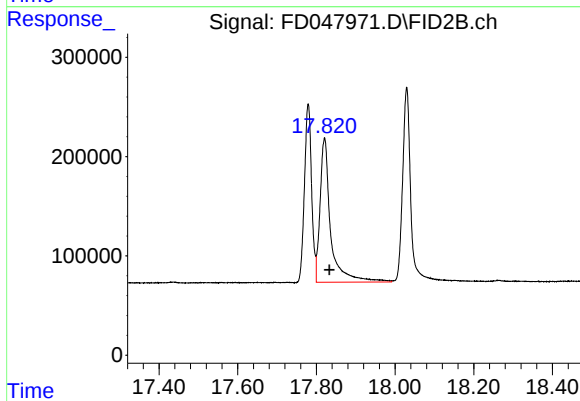
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.417 min
Delta R.T.: -0.013 min
Response: 2807812
Conc: 18.43 ug/ml



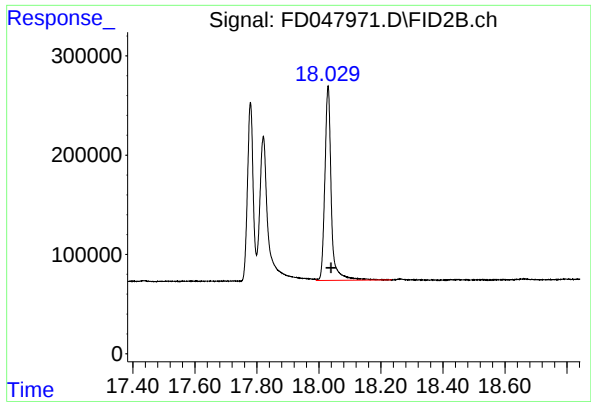
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.779 min
Delta R.T.: -0.012 min
Response: 2263951
Conc: 17.22 ug/ml



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

R.T.: 17.821 min
Delta R.T.: -0.013 min
Response: 2728147
Conc: 17.23 ug/ml



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

R.T.: 18.029 min
Delta R.T.: -0.010 min
Response: 2813537
Conc: 18.72 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :Ankita Jodhani 07/03/2024