

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
 Data File : FD041815.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 18:25
 Operator : UA/NP
 Sample : PB143740BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143740BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 01:22:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.348	6969288	43.452 ug/ml
Spiked Amount 50.000		Recovery =	86.90%
6) S 2-Fluorobiphenyl (SURR)	8.197	4482763	45.365 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.73%
11) S ortho-Terphenyl (SURR)	11.228	6761570	34.782 ug/ml
Spiked Amount 50.000		Recovery =	69.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.167	5325125	30.402 ug/ml
2) T Naphthalene (C11.7)	5.689	5997833	33.994 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	5945232	37.159 ug/ml
5) T Acenaphthylene (C15.06)	7.998	6185862	33.427 ug/ml
7) T Acenaphthene (C15.5)	8.293	6917950	36.036 ug/ml
8) T Flouorene (C16.55)	9.071	6704998	38.006 ug/ml
9) T Phenanthrene (C19.36)	10.458	6775535	38.844 ug/ml
10) T Anthracene (C19.43)	10.534	6879671	37.798 ug/ml
12) T Fluoranthene (C21.85)	12.261	6566975	37.199 ug/mlm
13) T Pyrene (C20.8)	12.554	6410152	37.915 ug/ml
14) T Benzo[a]anthracene (C...	14.424	5710181	38.188 ug/ml
15) T Chrysene (C27.41)	14.466	5550939	30.840 ug/mlm
16) T benzo[b]fluoranthene ...	15.972	5665948	38.208 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	5861150	35.471 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.347	5063655	36.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	5303817	48.155 ug/mlm
20) T Dibenz[a,h]anthracene...	17.753	5449697	37.643 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	5490251	41.368 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
Data File : FD041815.D
Signal(s) : FID2B.CH
Acq On : 30 Mar 2022 18:25
Operator : UA/NP
Sample : PB143740BSD
Misc :
ALS Vial : 56 Sample Multiplier: 1

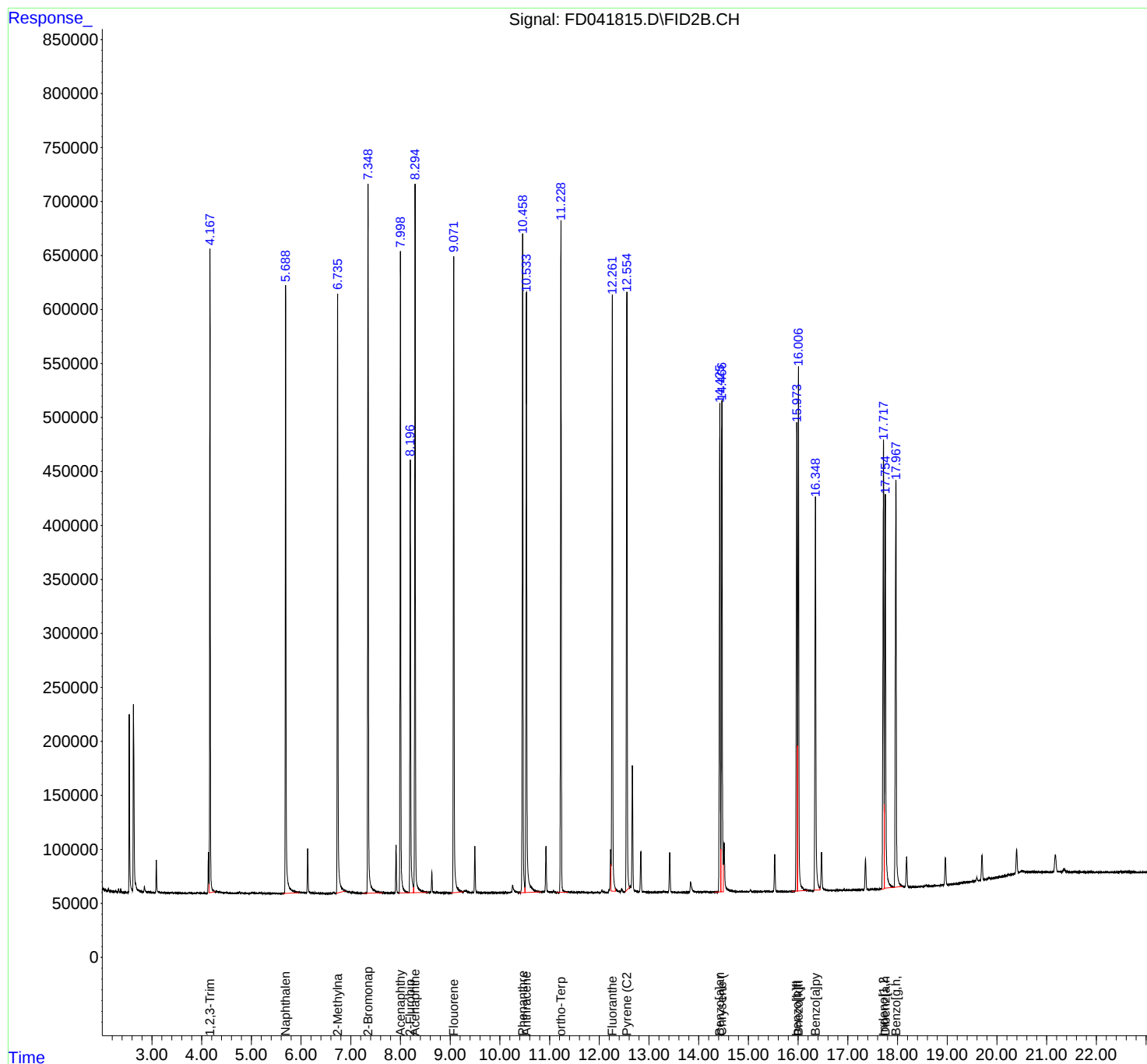
Instrument :
FID_D
ClientSampleId :
PB143740BSD

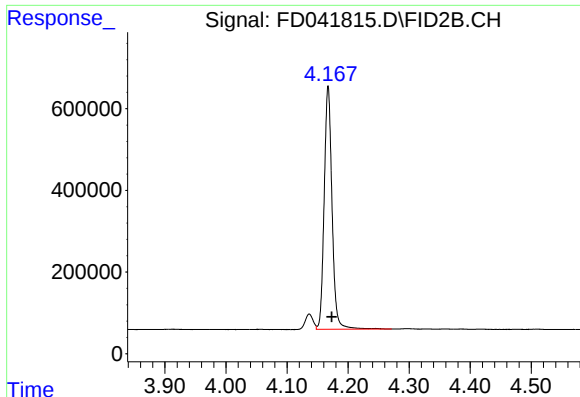
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2022
Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
Quant Time: Mar 31 01:22:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
Quant Title : GC Extractables
QLast Update : Tue Mar 29 12:14:13 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.: 4.167 min
Delta R.T.: -0.006 min
Response: 5325125
Conc: 30.40 ug/ml

Instrument :

FID_D

ClientSampleId :

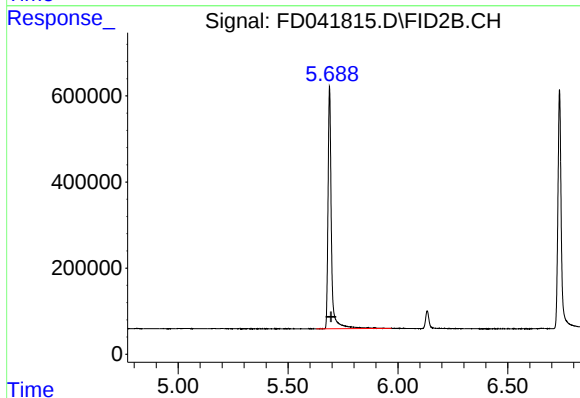
PB143740BSD

Manual Integrations

APPROVED

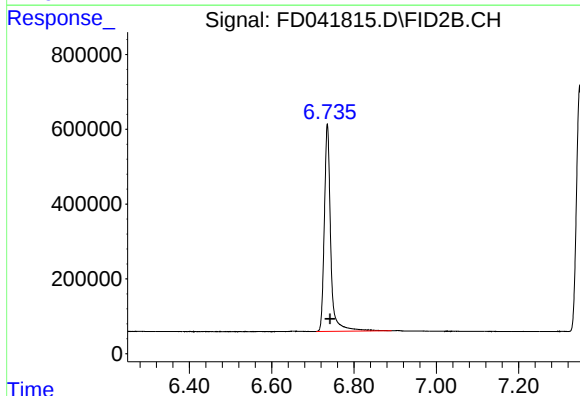
Reviewed By :Yogesh Patel 03/31/2022

Supervised By :mohammad ahmed 04/01/2022



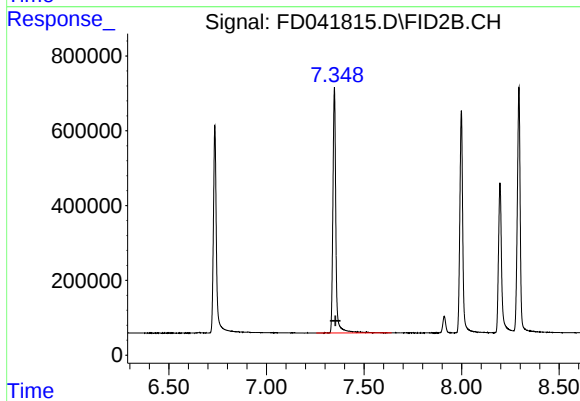
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 5997833
Conc: 33.99 ug/ml



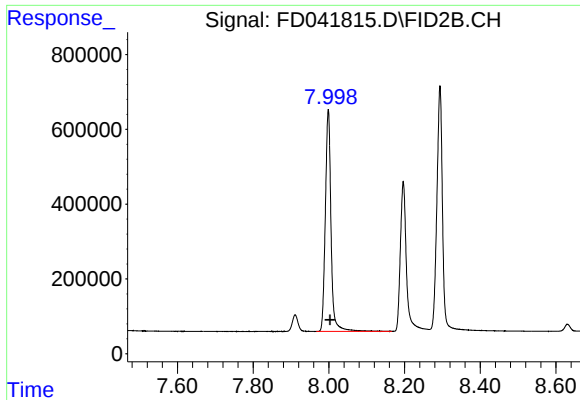
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.006 min
Response: 5945232
Conc: 37.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 6969288
Conc: 43.45 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 6185862
Conc: 33.43 ug/ml

Instrument :

FID_D

ClientSampleId :

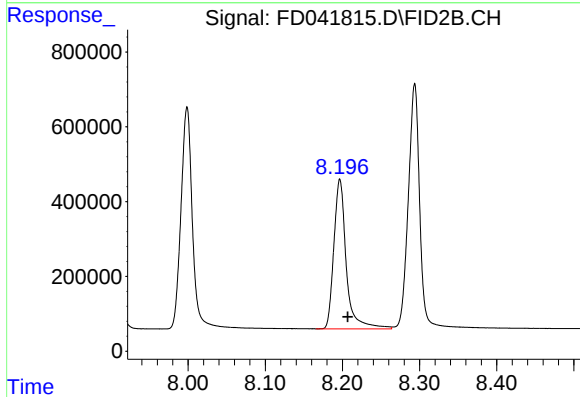
PB143740BSD

Manual Integrations

APPROVED

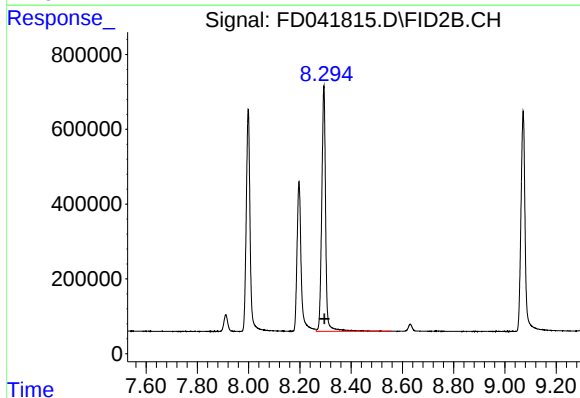
Reviewed By :Yogesh Patel 03/31/2022

Supervised By :mohammad ahmed 04/01/2022



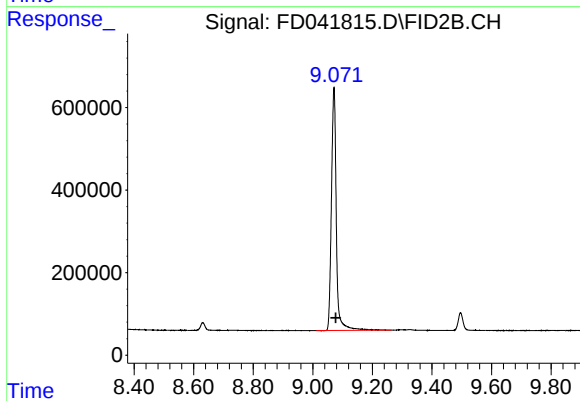
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.010 min
Response: 4482763
Conc: 45.36 ug/ml



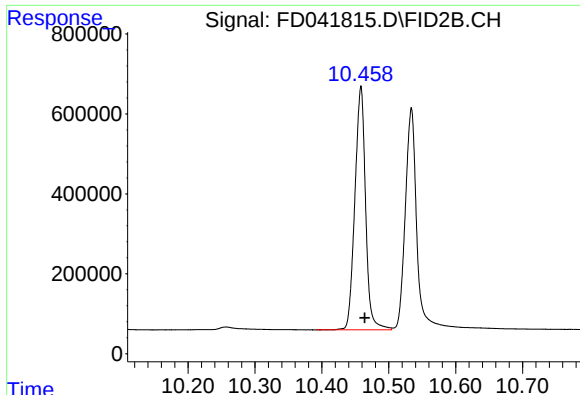
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.002 min
Response: 6917950
Conc: 36.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 6704998
Conc: 38.01 ug/ml



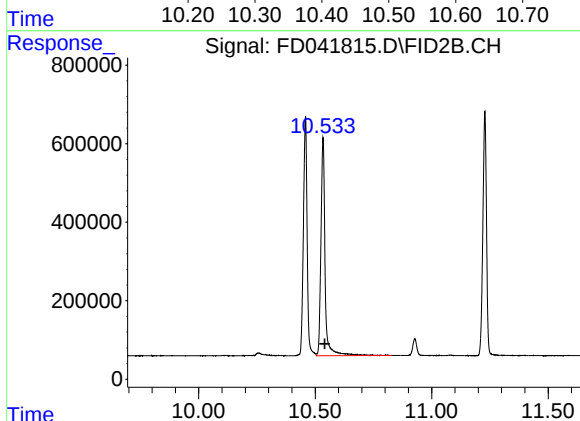
#9 Phenanthrene (C19.36)

R.T.: 10.458 min
Delta R.T.: -0.006 min
Response: 6775535
Conc: 38.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143740BSD

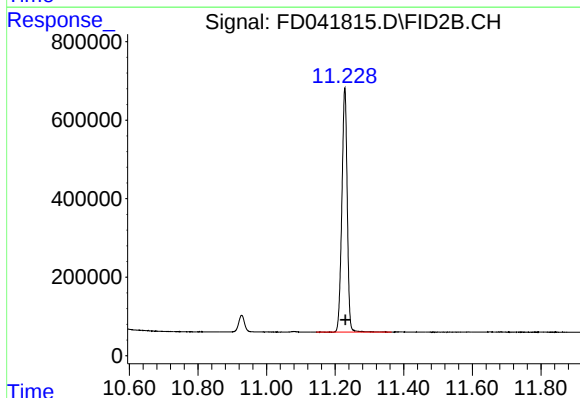
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



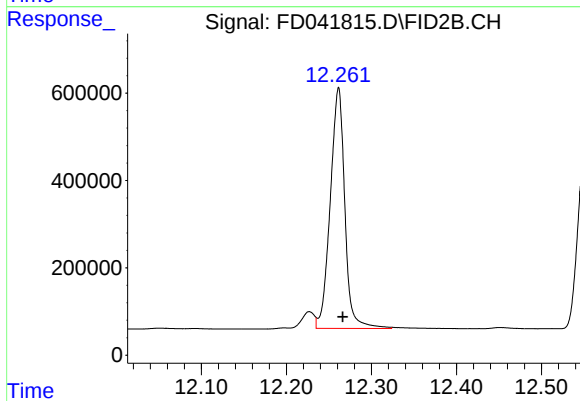
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.007 min
Response: 6879671
Conc: 37.80 ug/ml



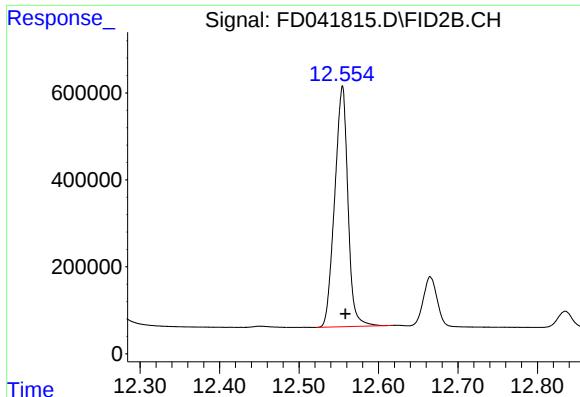
#11 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.002 min
Response: 6761570
Conc: 34.78 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.261 min
Delta R.T.: -0.005 min
Response: 6566975
Conc: 37.20 ug/ml m



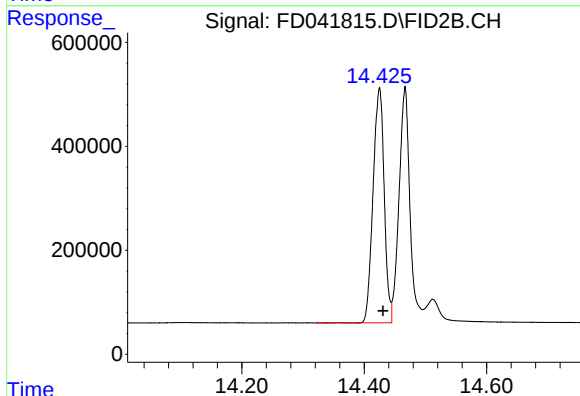
#13 Pyrene (C20.8)

R.T.: 12.554 min
Delta R.T.: -0.005 min
Response: 6410152
Conc: 37.91 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143740BSD

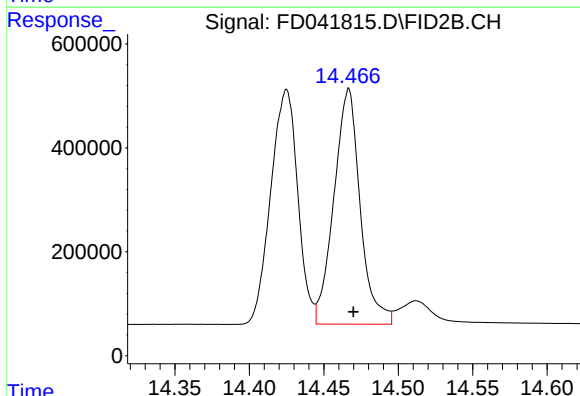
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



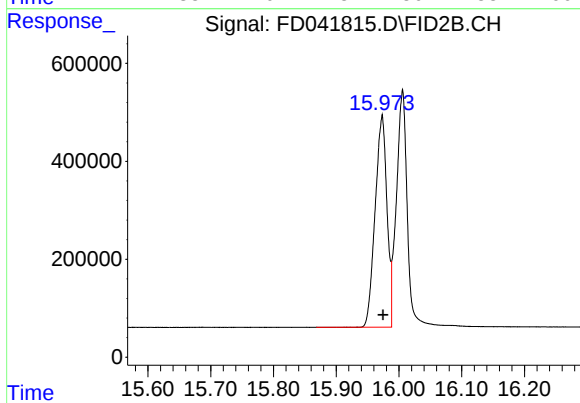
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.424 min
Delta R.T.: -0.007 min
Response: 5710181
Conc: 38.19 ug/ml



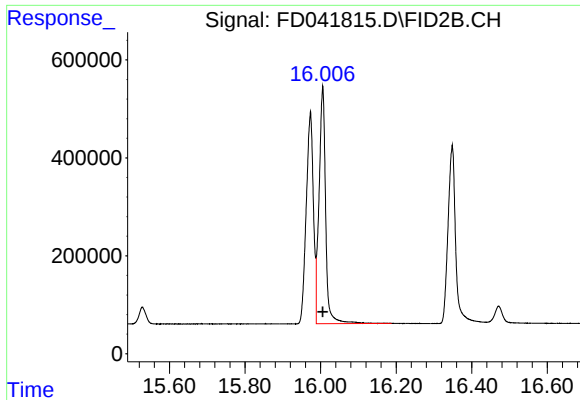
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: -0.004 min
Response: 5550939
Conc: 30.84 ug/ml m



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

R.T.: 15.972 min
Delta R.T.: -0.002 min
Response: 5665948
Conc: 38.21 ug/ml



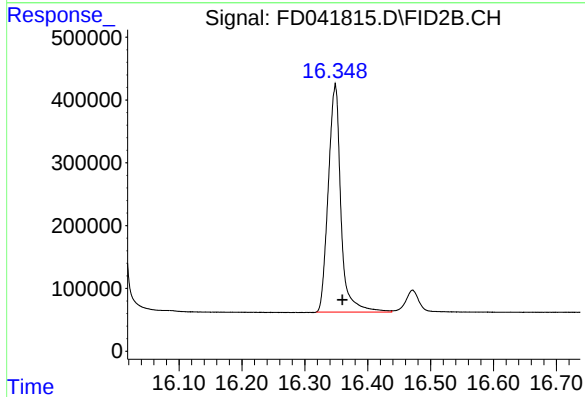
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: -0.001 min
Response: 5861150
Conc: 35.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB143740BSD

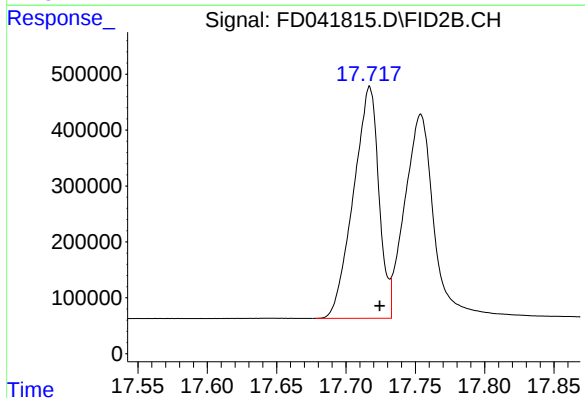
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



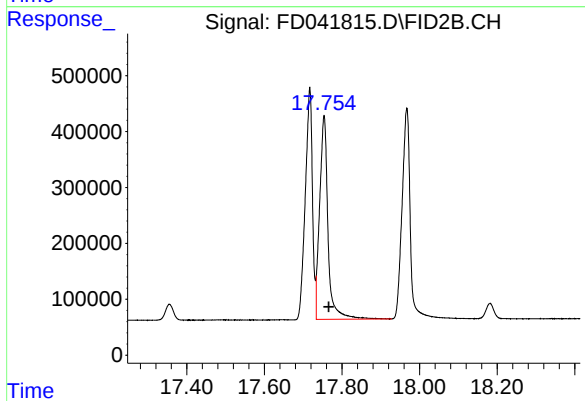
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.347 min
Delta R.T.: -0.013 min
Response: 5063655
Conc: 36.00 ug/ml



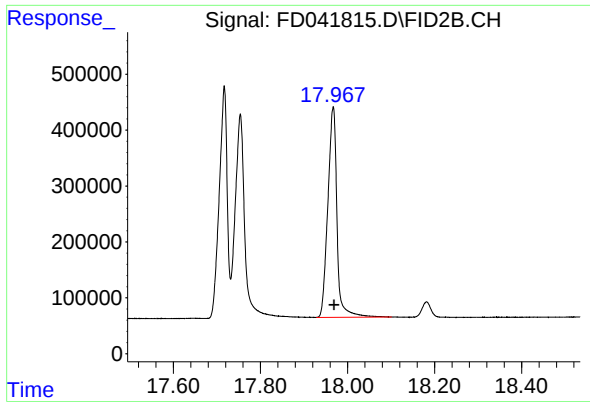
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.008 min
Response: 5303817
Conc: 48.15 ug/ml m



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

R.T.: 17.753 min
Delta R.T.: -0.012 min
Response: 5449697
Conc: 37.64 ug/ml



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

R.T.: 17.966 min
Delta R.T.: -0.004 min
Response: 5490251
Conc: 41.37 ug/ml

Instrument :

FID_D

ClientSampleId :

PB143740BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/31/2022

Supervised By :mohammad ahmed 04/01/2022