

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061522AR\
 Data File : FD042912.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jun 2022 10:10
 Operator : UA/NP
 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 06/16/2022
 Supervised By :Ankita Jodhani 06/16/2022

Integration File: autoint1.e
 Quant Time: Jun 15 12:31:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 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...	7.656	3018812	19.755 ug/ml
Spiked Amount 50.000		Recovery =	39.51%
6) S 2-Fluorobiphenyl (SURR)	8.520	1961123	19.069 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.14%
11) S ortho-Terphenyl (SURR)	11.569	3245722	18.283 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.449	3457962	20.654 ug/ml
2) T Naphthalene (C11.7)	5.991	3504107	20.267 ug/ml
3) T 2-Methylnaphthalene (...)	7.045	3173876	19.903 ug/ml
5) T Acenaphthylene (C15.06)	8.324	3247042	18.794 ug/ml
7) T Acenaphthene (C15.5)	8.620	3288170	19.110 ug/ml
8) T Flouorene (C16.55)	9.402	3165088	18.853 ug/ml
9) T Phenanthrene (C19.36)	10.801	2951868	17.951 ug/ml
10) T Anthracene (C19.43)	10.875	2794481	18.283 ug/ml
12) T Fluoranthene (C21.85)	12.616	2704870	17.169 ug/ml
13) T Pyrene (C20.8)	12.913	2657860	17.072 ug/ml
14) T Benzo[a]anthracene (C...	14.786	2551438	19.136 ug/ml
15) T Chrysene (C27.41)	14.829	2519147	19.067 ug/ml
16) T benzo[b]fluoranthene ...	16.339	2707007	20.320 ug/ml
17) T Bnezo[k]fluoranthene ...	16.371	2559731	20.667 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.717	2599176	21.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.083	2440528	21.896 ug/ml
20) T Dibenz[a,h]anthracene...	18.124	2588742	23.273 ug/ml
21) T Benzo[g,h,i]perylene ...	18.340	2589151	21.784 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061522AR\
Data File : FD042912.D
Signal(s) : FID2B.CH
Acq On : 15 Jun 2022 10:10
Operator : UA/NP
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 52 Sample Multiplier: 1

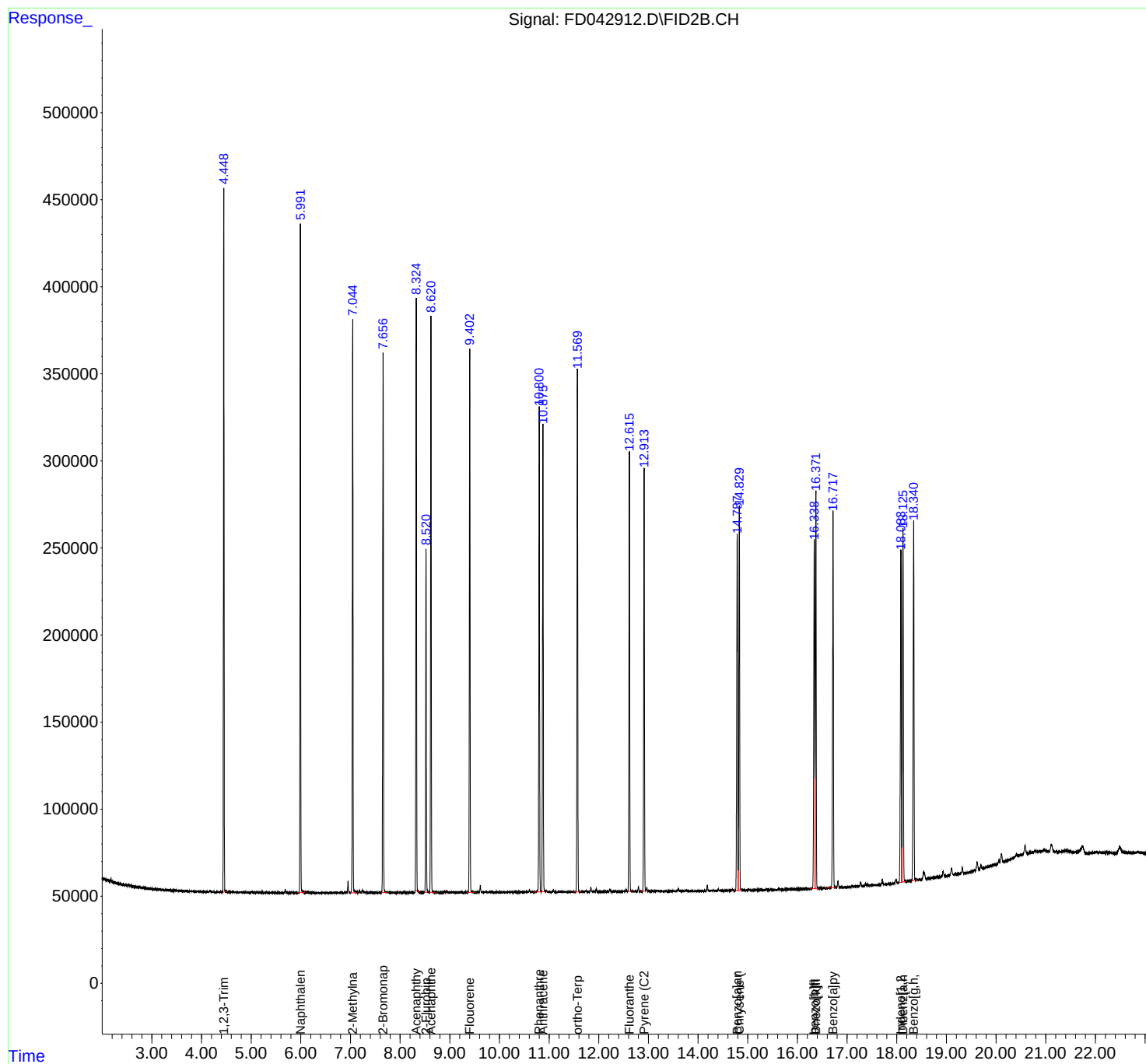
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

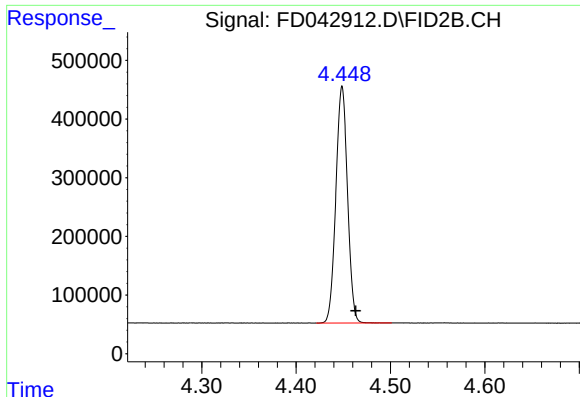
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2022
Supervised By :Ankita Jodhani 06/16/2022

Integration File: autoint1.e
Quant Time: Jun 15 12:31:45 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
Quant Title : GC Extractables
QLast Update : Wed Jun 01 10:34:31 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





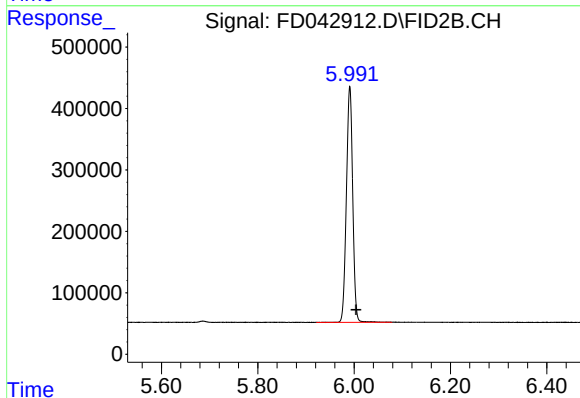
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.449 min
Delta R.T.: -0.014 min
Response: 3457962
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

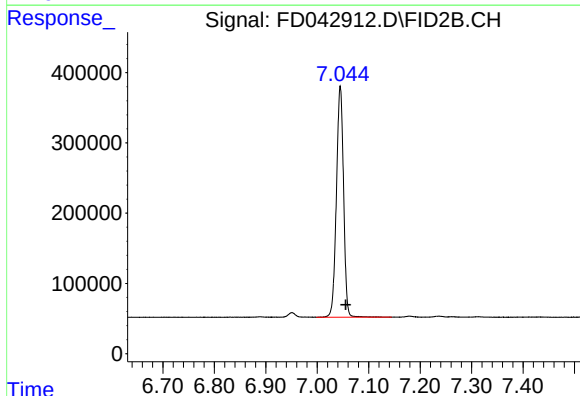
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2022
Supervised By :Ankita Jodhani 06/16/2022



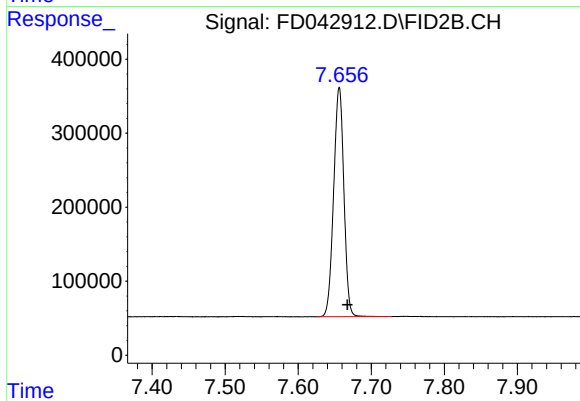
#2 Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: -0.013 min
Response: 3504107
Conc: 20.27 ug/ml



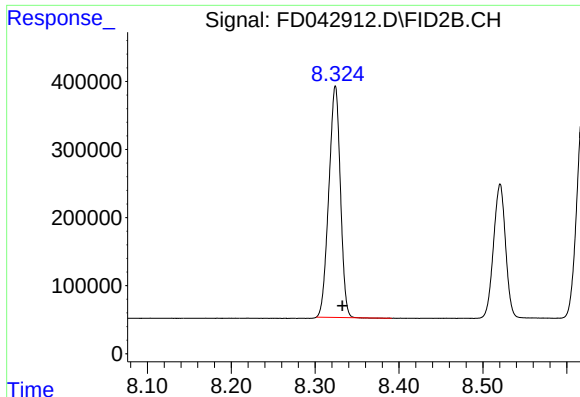
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.045 min
Delta R.T.: -0.011 min
Response: 3173876
Conc: 19.90 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.656 min
Delta R.T.: -0.011 min
Response: 3018812
Conc: 19.76 ug/ml



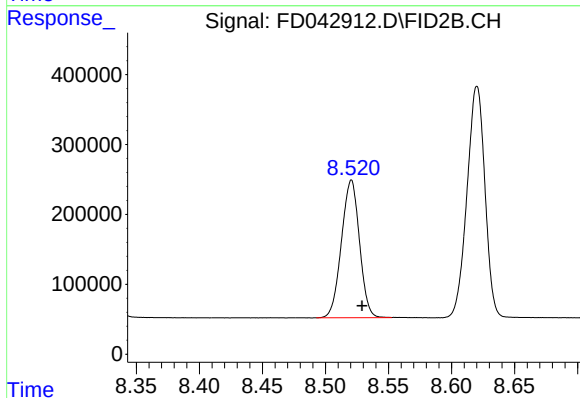
#5 Acenaphthylene (C15.06)

R.T.: 8.324 min
Delta R.T.: -0.009 min
Response: 3247042
Conc: 18.79 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

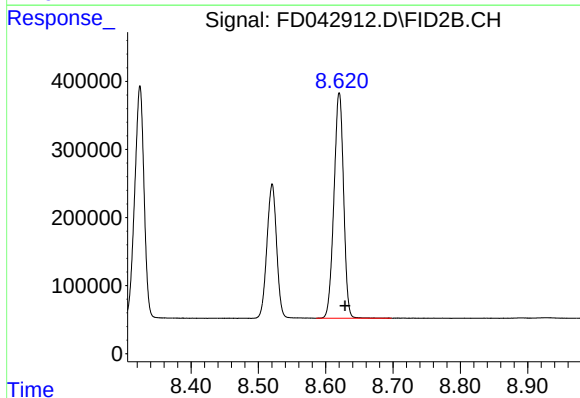
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2022
Supervised By :Ankita Jodhani 06/16/2022



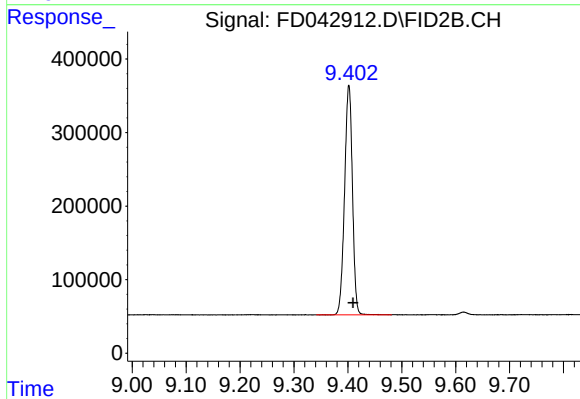
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.520 min
Delta R.T.: -0.009 min
Response: 1961123
Conc: 19.07 ug/ml m



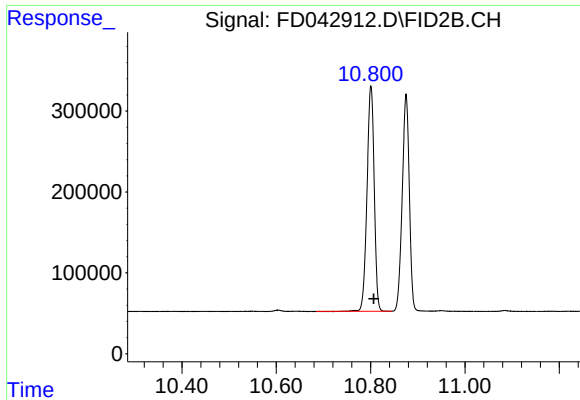
#7 Acenaphthene (C15.5)

R.T.: 8.620 min
Delta R.T.: -0.008 min
Response: 3288170
Conc: 19.11 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.402 min
Delta R.T.: -0.008 min
Response: 3165088
Conc: 18.85 ug/ml



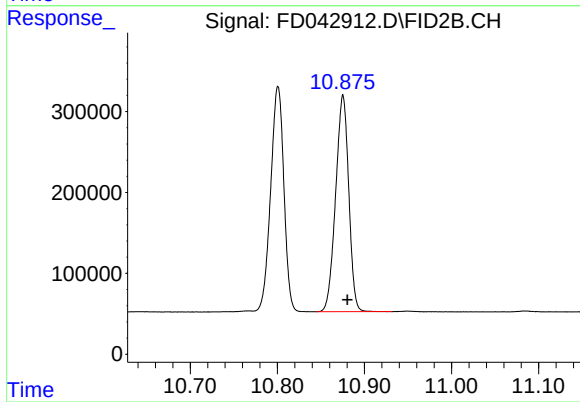
#9 Phenanthrene (C19.36)

R.T.: 10.801 min
Delta R.T.: -0.006 min
Response: 2951868
Conc: 17.95 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

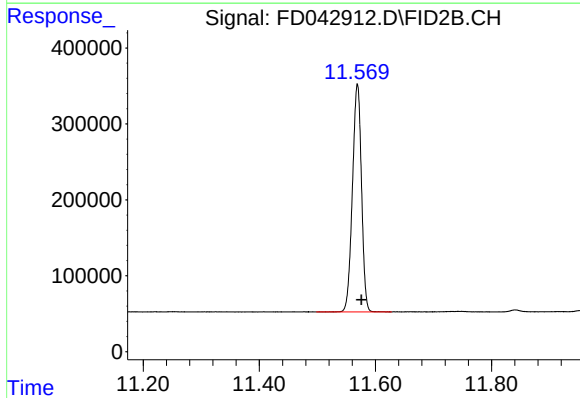
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2022
Supervised By :Ankita Jodhani 06/16/2022



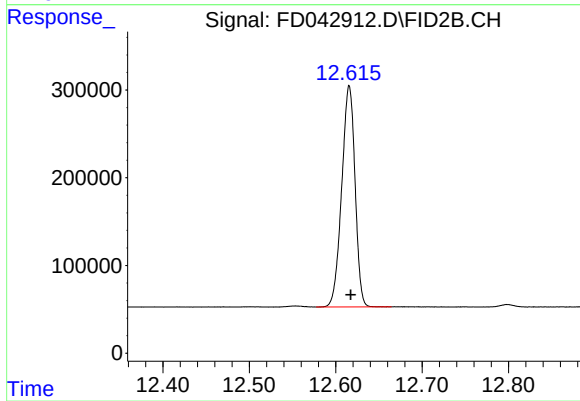
#10 Anthracene (C19.43)

R.T.: 10.875 min
Delta R.T.: -0.005 min
Response: 2794481
Conc: 18.28 ug/ml



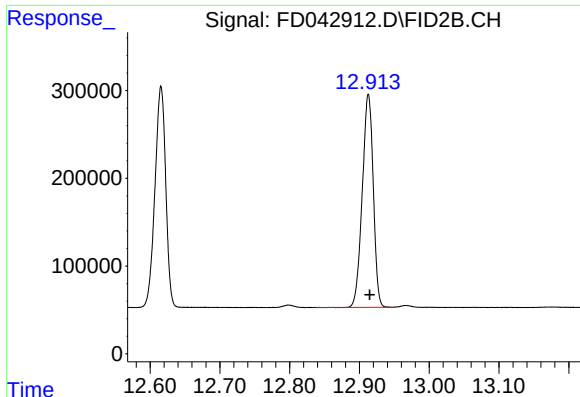
#11 ortho-Terphenyl (SURR)

R.T.: 11.569 min
Delta R.T.: -0.007 min
Response: 3245722
Conc: 18.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.616 min
Delta R.T.: -0.002 min
Response: 2704870
Conc: 17.17 ug/ml



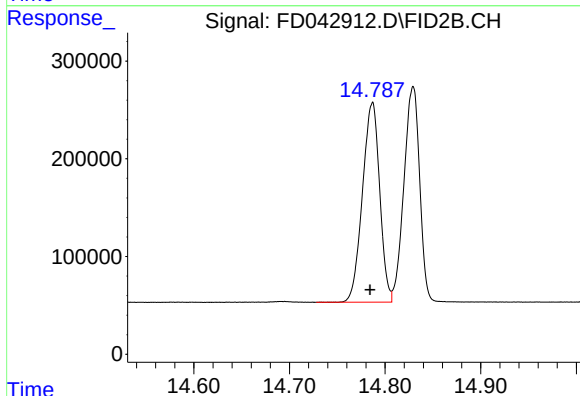
#13 Pyrene (C20.8)

R.T.: 12.913 min
Delta R.T.: -0.002 min
Response: 2657860
Conc: 17.07 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

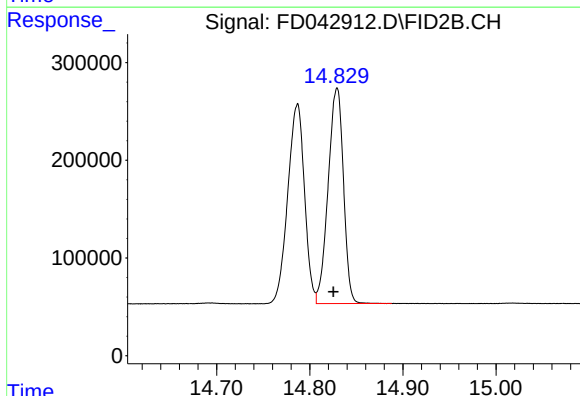
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2022
Supervised By :Ankita Jodhani 06/16/2022



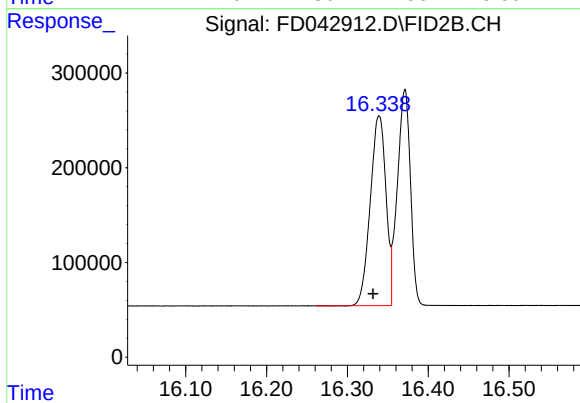
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.786 min
Delta R.T.: 0.002 min
Response: 2551438
Conc: 19.14 ug/ml



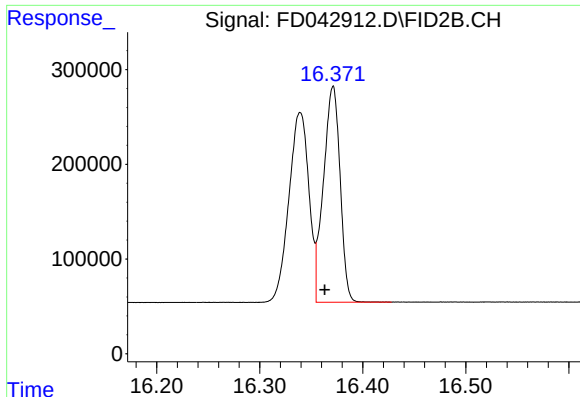
#15 Chrysene (C27.41)

R.T.: 14.829 min
Delta R.T.: 0.004 min
Response: 2519147
Conc: 19.07 ug/ml



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

R.T.: 16.339 min
Delta R.T.: 0.007 min
Response: 2707007
Conc: 20.32 ug/ml



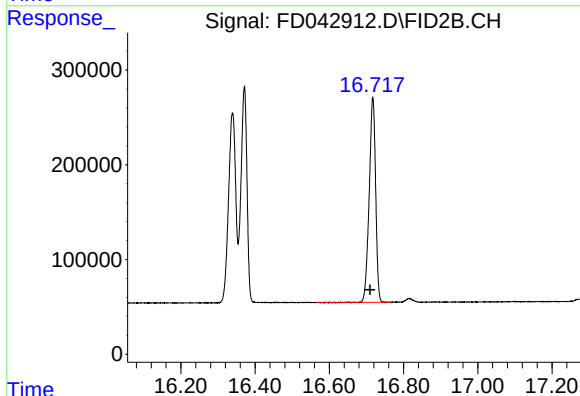
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.371 min
Delta R.T.: 0.008 min
Response: 2559731
Conc: 20.67 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

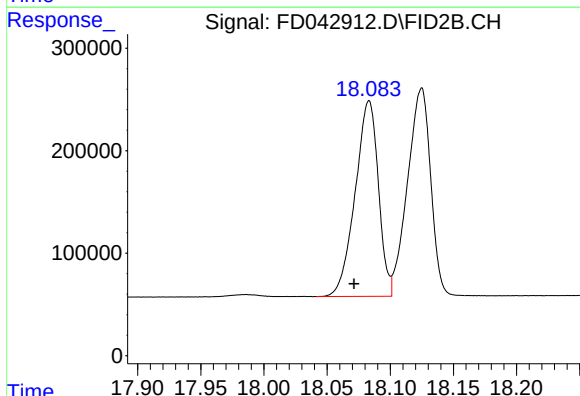
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2022
Supervised By :Ankita Jodhani 06/16/2022



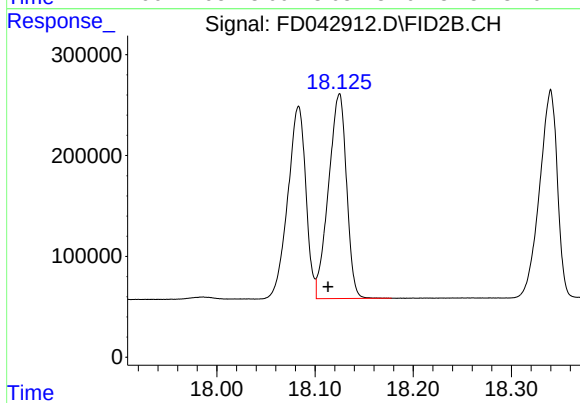
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.717 min
Delta R.T.: 0.007 min
Response: 2599176
Conc: 21.00 ug/ml



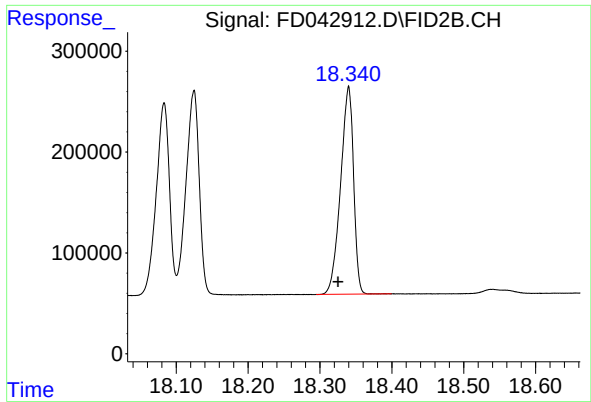
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.083 min
Delta R.T.: 0.012 min
Response: 2440528
Conc: 21.90 ug/ml



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

R.T.: 18.124 min
Delta R.T.: 0.011 min
Response: 2588742
Conc: 23.27 ug/ml



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

R.T.: 18.340 min
Delta R.T.: 0.014 min
Response: 2589151
Conc: 21.78 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/16/2022
Supervised By :Ankita Jodhani 06/16/2022