

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AR\
 Data File : FD039271.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 18:10
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 10/27/2021
 Supervised By :mohammad ahmed 10/27/2021

Integration File: autoint1.e
 Quant Time: Oct 27 09:33:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:32:55 2021
 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...	7.765	11421547	99.462 ug/ml
Spiked Amount 50.000		Recovery =	198.92%
6) S 2-Fluorobiphenyl (SURR)	8.637	7884908	99.067 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.13%#
11) S ortho-Terphenyl (SURR)	11.681	12328908	97.753 ug/ml
Spiked Amount 50.000		Recovery =	195.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.552	12055409	99.498 ug/ml
2) T Naphthalene (C11.7)	6.101	12815736	99.948 ug/ml
3) T 2-Methylnaphthalene (...)	7.157	13075880	99.529 ug/ml
5) T Acenaphthylene (C15.06)	8.440	12077873	98.946 ug/ml
7) T Acenaphthene (C15.5)	8.738	12755927	98.680 ug/ml
8) T Flouorene (C16.55)	9.521	12700529	98.614 ug/ml
9) T Phenanthrene (C19.36)	10.924	12622433	98.653 ug/ml
10) T Anthracene (C19.43)	11.001	12363372	97.219 ug/ml
12) T Fluoranthene (C21.85)	12.744	12663449	97.865 ug/ml
13) T Pyrene (C20.8)	13.045	12323976	98.011 ug/ml
14) T Benzo[a]anthracene (C...	14.916	11511242	98.289 ug/ml
15) T Chrysene (C27.41)	14.967	12076600	97.532 ug/ml
16) T benzo[b]fluoranthene ...	16.473	11388067	98.645 ug/ml
17) T Bnezo[k]fluoranthene ...	16.513	11235611	96.768 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.859	11008509	98.353 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.226	10703787	103.691 ug/ml
20) T Dibenz[a,h]anthracene...	18.265	9731175	93.189 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.488	10188764	99.442 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AR\
 Data File : FD039271.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 18:10
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

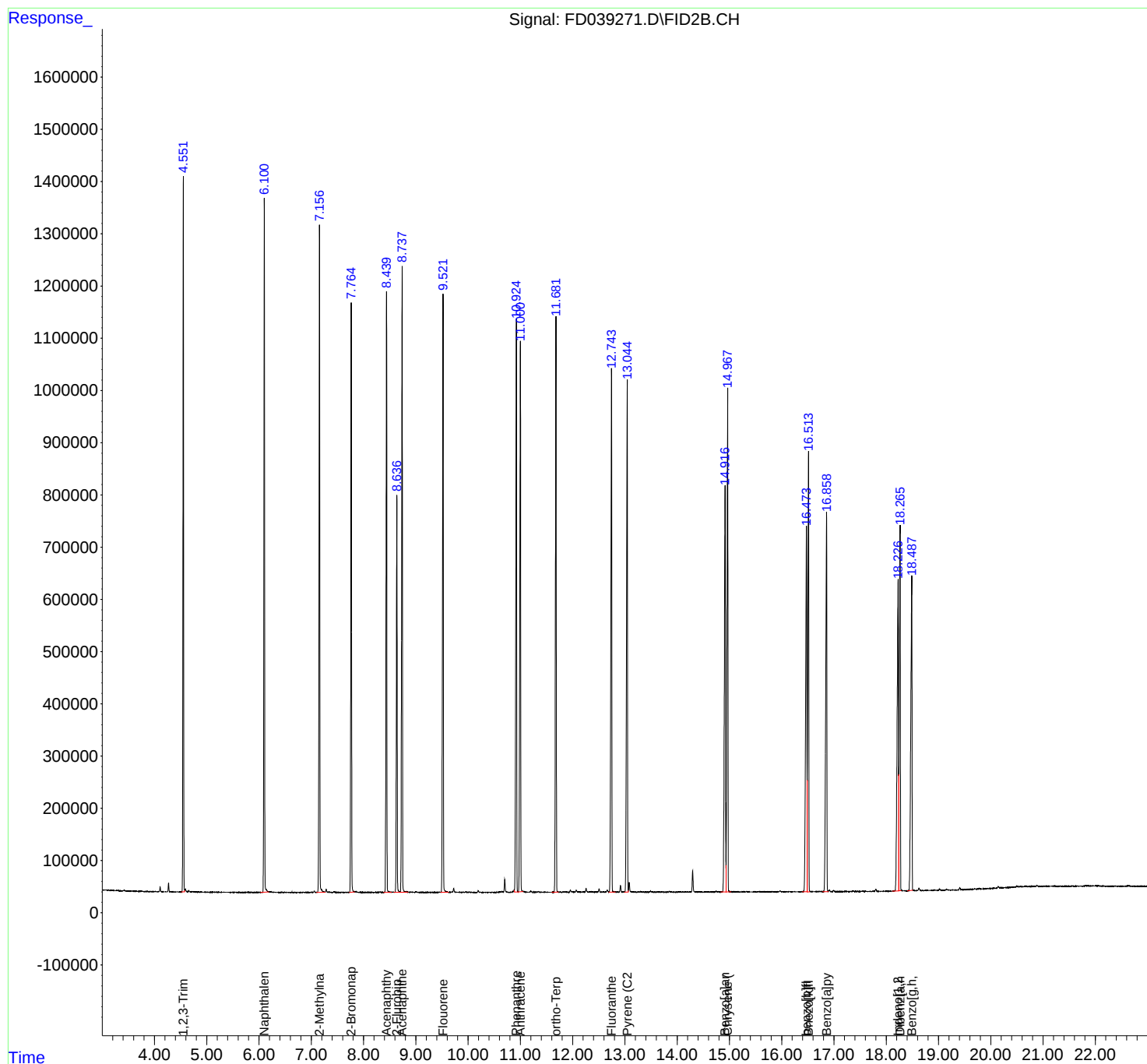
Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

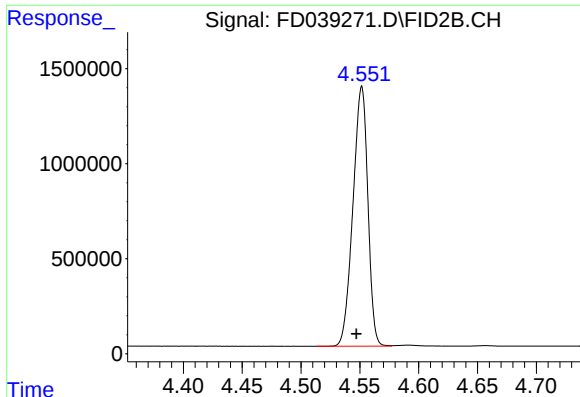
Manual Integrations APPROVED

Reviewed By :Ankita Jodhani 10/27/2021
 Supervised By :mohammad ahmed 10/27/2021

Integration File: autoint1.e
 Quant Time: Oct 27 09:33:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:32:55 2021
 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.: 4.552 min
Delta R.T.: 0.005 min
Response: 12055409
Conc: 99.50 ug/ml

Instrument :

FID_D

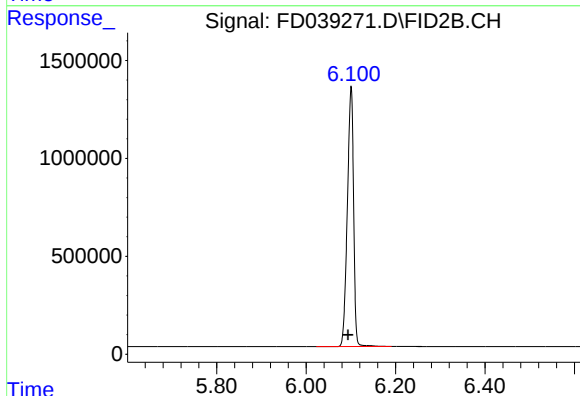
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

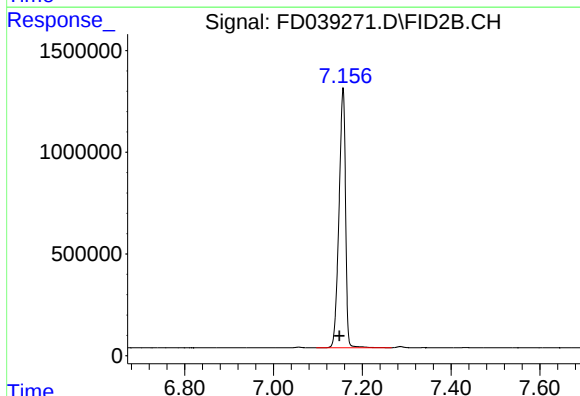
APPROVED

Reviewed By :Ankita Jodhani 10/27/2021
Supervised By :mohammad ahmed 10/27/2021



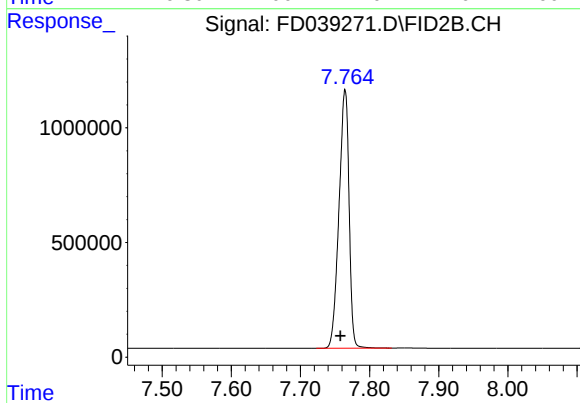
#2 Naphthalene (C11.7)

R.T.: 6.101 min
Delta R.T.: 0.007 min
Response: 12815736
Conc: 99.95 ug/ml



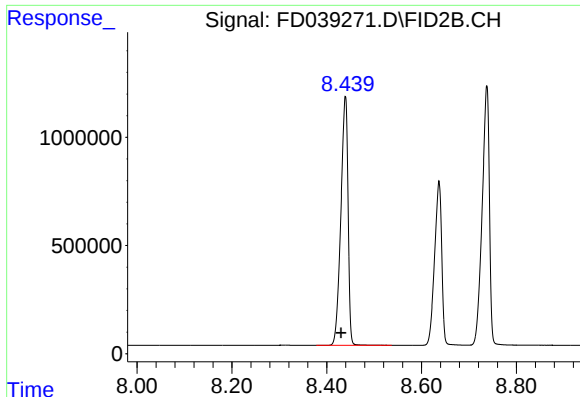
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.157 min
Delta R.T.: 0.008 min
Response: 13075880
Conc: 99.53 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.765 min
Delta R.T.: 0.007 min
Response: 11421547
Conc: 99.46 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.440 min
Delta R.T.: 0.009 min
Response: 12077873
Conc: 98.95 ug/ml

Instrument :

FID_D

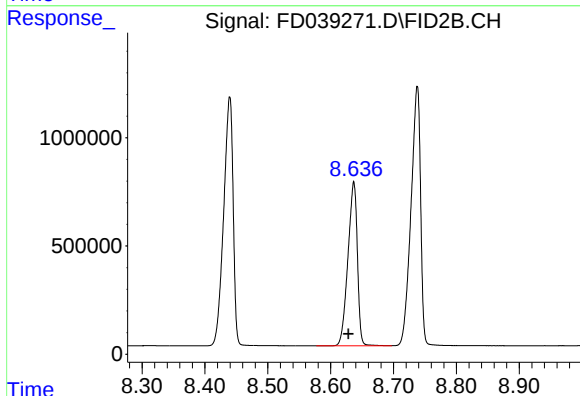
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

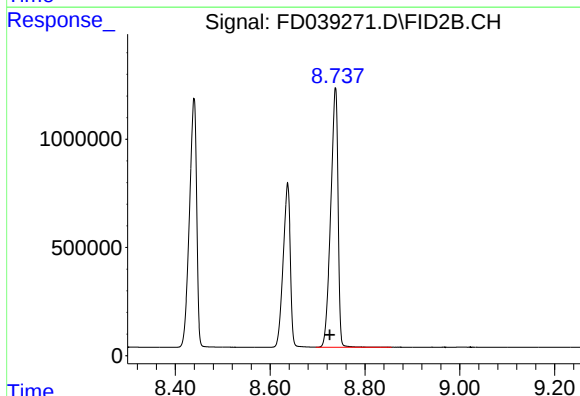
APPROVED

Reviewed By :Ankita Jodhani 10/27/2021
Supervised By :mohammad ahmed 10/27/2021



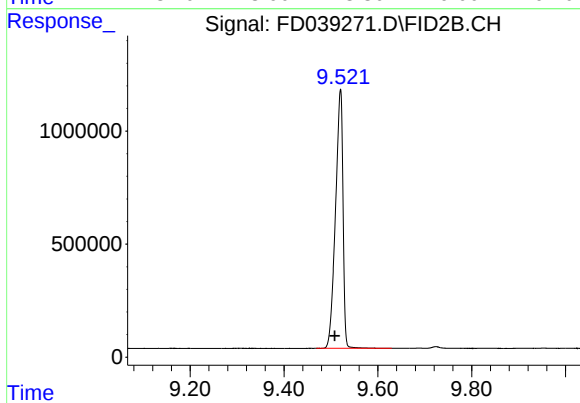
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.637 min
Delta R.T.: 0.009 min
Response: 7884908
Conc: 99.07 ug/ml



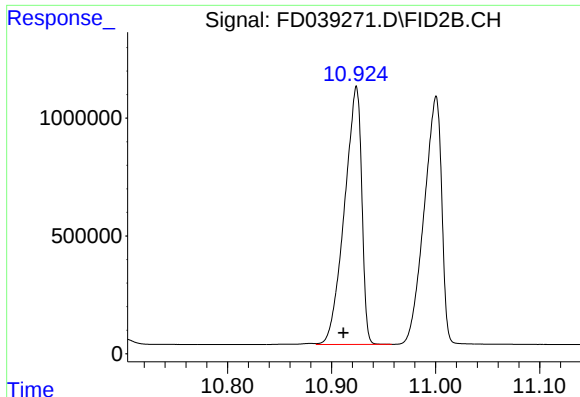
#7 Acenaphthene (C15.5)

R.T.: 8.738 min
Delta R.T.: 0.012 min
Response: 12755927
Conc: 98.68 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.521 min
Delta R.T.: 0.013 min
Response: 12700529
Conc: 98.61 ug/ml



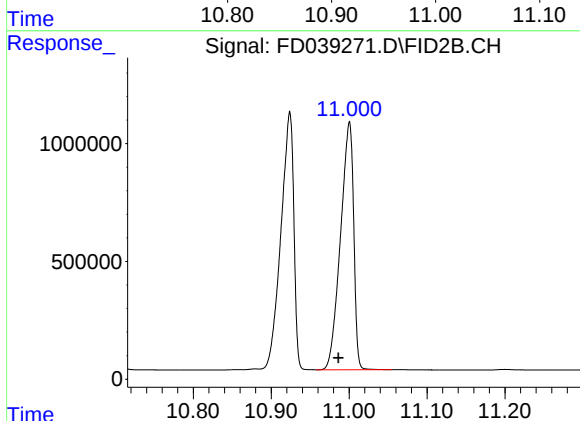
#9 Phenanthrene (C19.36)

R.T.: 10.924 min
Delta R.T.: 0.013 min
Response: 12622433
Conc: 98.65 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

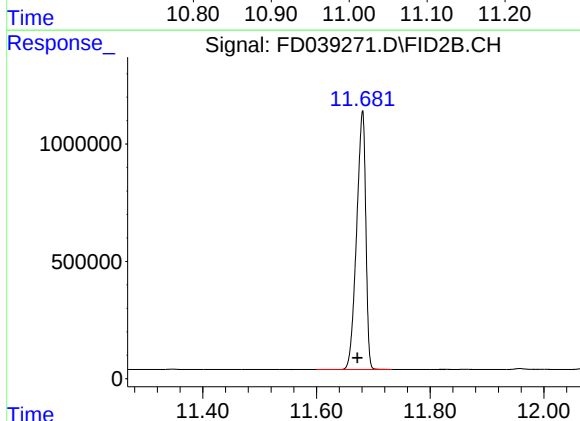
Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 10/27/2021
Supervised By :mohammad ahmed 10/27/2021



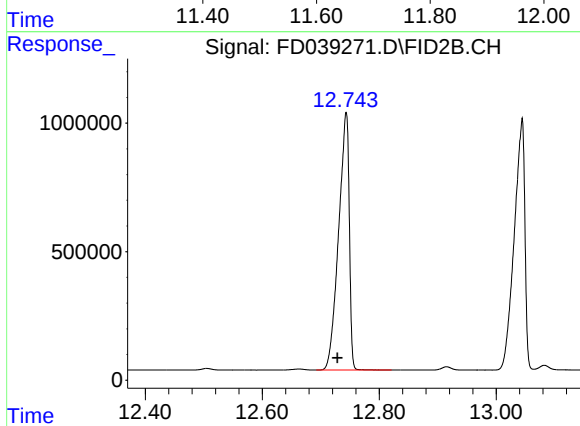
#10 Anthracene (C19.43)

R.T.: 11.001 min
Delta R.T.: 0.014 min
Response: 12363372
Conc: 97.22 ug/ml



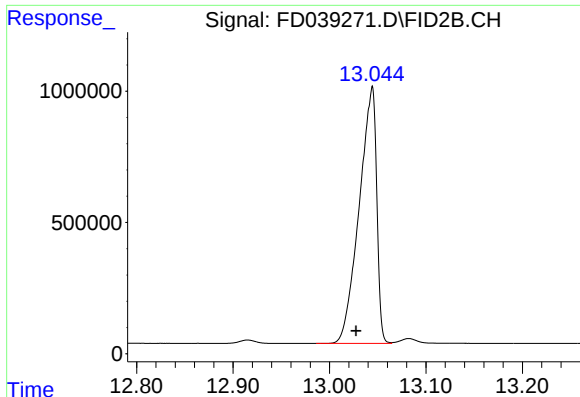
#11 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.009 min
Response: 12328908
Conc: 97.75 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.744 min
Delta R.T.: 0.015 min
Response: 12663449
Conc: 97.86 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.045 min
Delta R.T.: 0.017 min
Response: 12323976
Conc: 98.01 ug/ml

Instrument :

FID_D

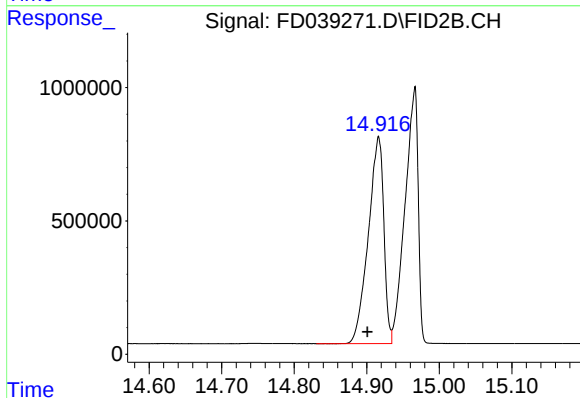
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

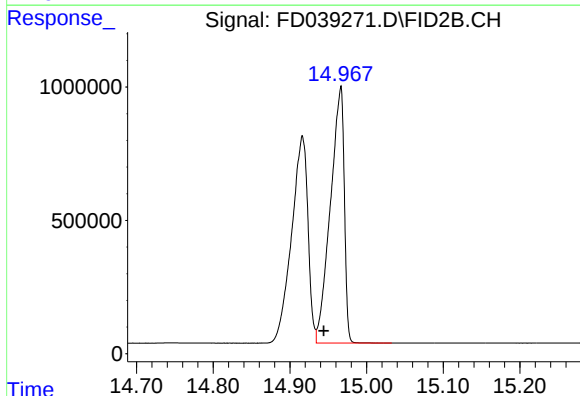
APPROVED

Reviewed By :Ankita Jodhani 10/27/2021
Supervised By :mohammad ahmed 10/27/2021



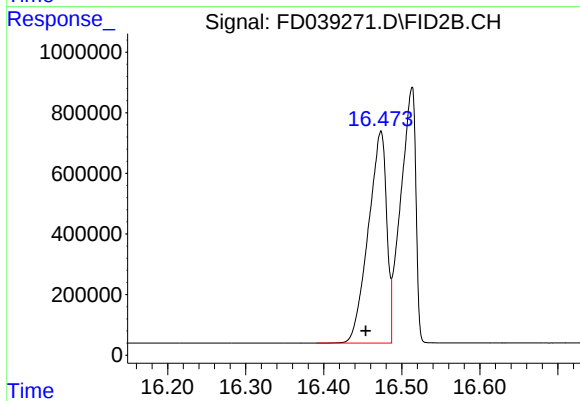
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.916 min
Delta R.T.: 0.015 min
Response: 11511242
Conc: 98.29 ug/ml



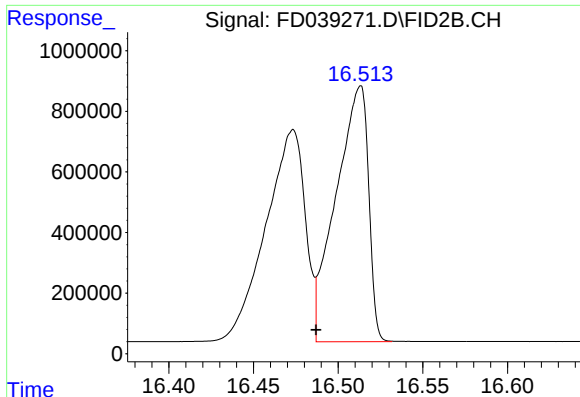
#15 Chrysene (C27.41)

R.T.: 14.967 min
Delta R.T.: 0.023 min
Response: 12076600
Conc: 97.53 ug/ml



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

R.T.: 16.473 min
Delta R.T.: 0.020 min
Response: 11388067
Conc: 98.65 ug/ml



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

R.T.: 16.513 min
Delta R.T.: 0.027 min
Response: 11235611
Conc: 96.77 ug/ml

Instrument :

FID_D

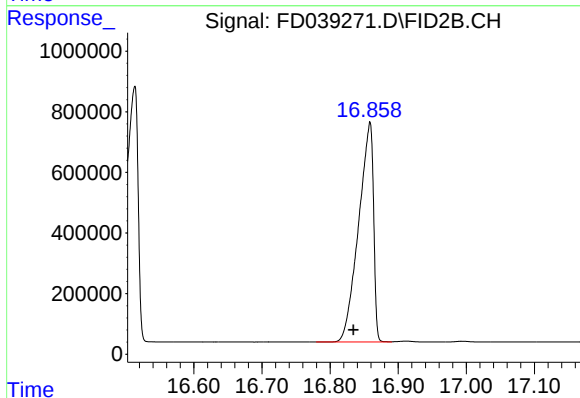
ClientSampleId :

100 PPM AROMATIC HC STD1

Manual Integrations

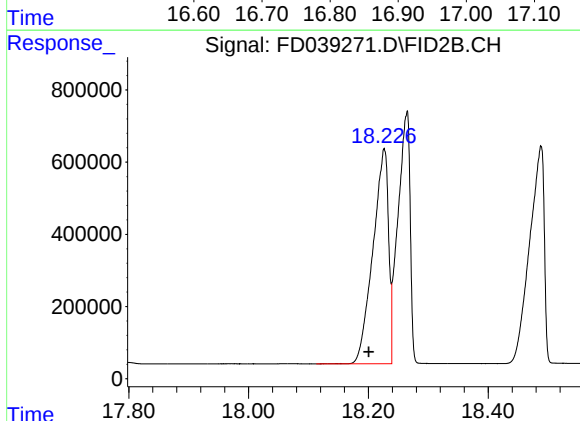
APPROVED

Reviewed By :Ankita Jodhani 10/27/2021
Supervised By :mohammad ahmed 10/27/2021



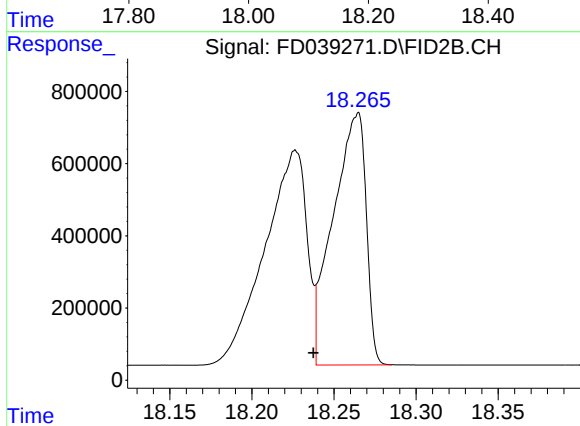
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.859 min
Delta R.T.: 0.024 min
Response: 11008509
Conc: 98.35 ug/ml



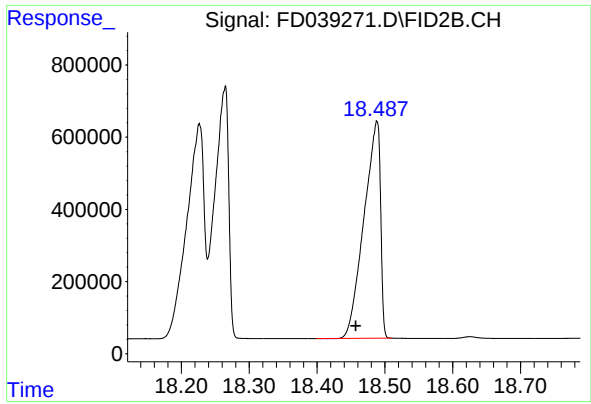
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.226 min
Delta R.T.: 0.026 min
Response: 10703787
Conc: 103.69 ug/ml



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

R.T.: 18.265 min
Delta R.T.: 0.027 min
Response: 9731175
Conc: 93.19 ug/ml m



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

R.T.: 18.488 min
Delta R.T.: 0.031 min
Response: 10188764
Conc: 99.44 ug/ml

Instrument :
FID_D
ClientSampleId :
100 PPM AROMATIC HC STD1

Manual Integrations
APPROVED

Reviewed By :Ankita Jodhani 10/27/2021
Supervised By :mohammad ahmed 10/27/2021