

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091123AR\
 Data File : FD046453.D
 Signal(s) : FID2B.ch
 Acq On : 11 Sep 2023 18:47
 Operator : YP/AJ
 Sample : PB155445BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155445BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e
 Quant Time: Sep 12 01:09:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 2023
 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...	7.494	8687051	51.437 ug/ml
Spiked Amount 50.000		Recovery =	102.87%
6) S 2-Fluorobiphenyl (SURR)	8.348	5469114	49.143 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.29%
11) S ortho-Terphenyl (SURR)	11.388	9732738	49.624 ug/ml
Spiked Amount 50.000		Recovery =	99.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.304	5794010	32.973 ug/ml
2) T Naphthalene (C11.7)	5.832	6800170	36.896 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	7145417	38.484 ug/ml
5) T Acenaphthylene (C15.06)	8.152	7612946	44.735 ug/ml
7) T Acenaphthene (C15.5)	8.447	7508771	41.678 ug/ml
8) T Fluorene (C16.55)	9.226	7771645	44.436 ug/ml
9) T Phenanthrene (C19.36)	10.615	7903013	46.061 ug/ml
10) T Anthracene (C19.43)	10.691	7854992	46.563 ug/ml
12) T Fluoranthene (C21.85)	12.420	8022613	48.222 ug/ml
13) T Pyrene (C20.8)	12.715	8041339	49.892 ug/ml
14) T Benzo[a]anthracene (C...	14.579	7299836	51.887 ug/ml
15) T Chrysene (C27.41)	14.623	7318795	49.340 ug/ml
16) T benzo[b]fluoranthene ...	16.120	6899860	50.779 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	6869547	50.637 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	6455058	48.990 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	6437558	51.610 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	6078652	48.510 ug/ml
21) T Benzo[g,h,i]perylene ...	18.109	6146435	47.928 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091123AR\
Data File : FD046453.D
Signal(s) : FID2B.ch
Acq On : 11 Sep 2023 18:47
Operator : YP/AJ
Sample : PB155445BSD
Misc :
ALS Vial : 58 Sample Multiplier: 1

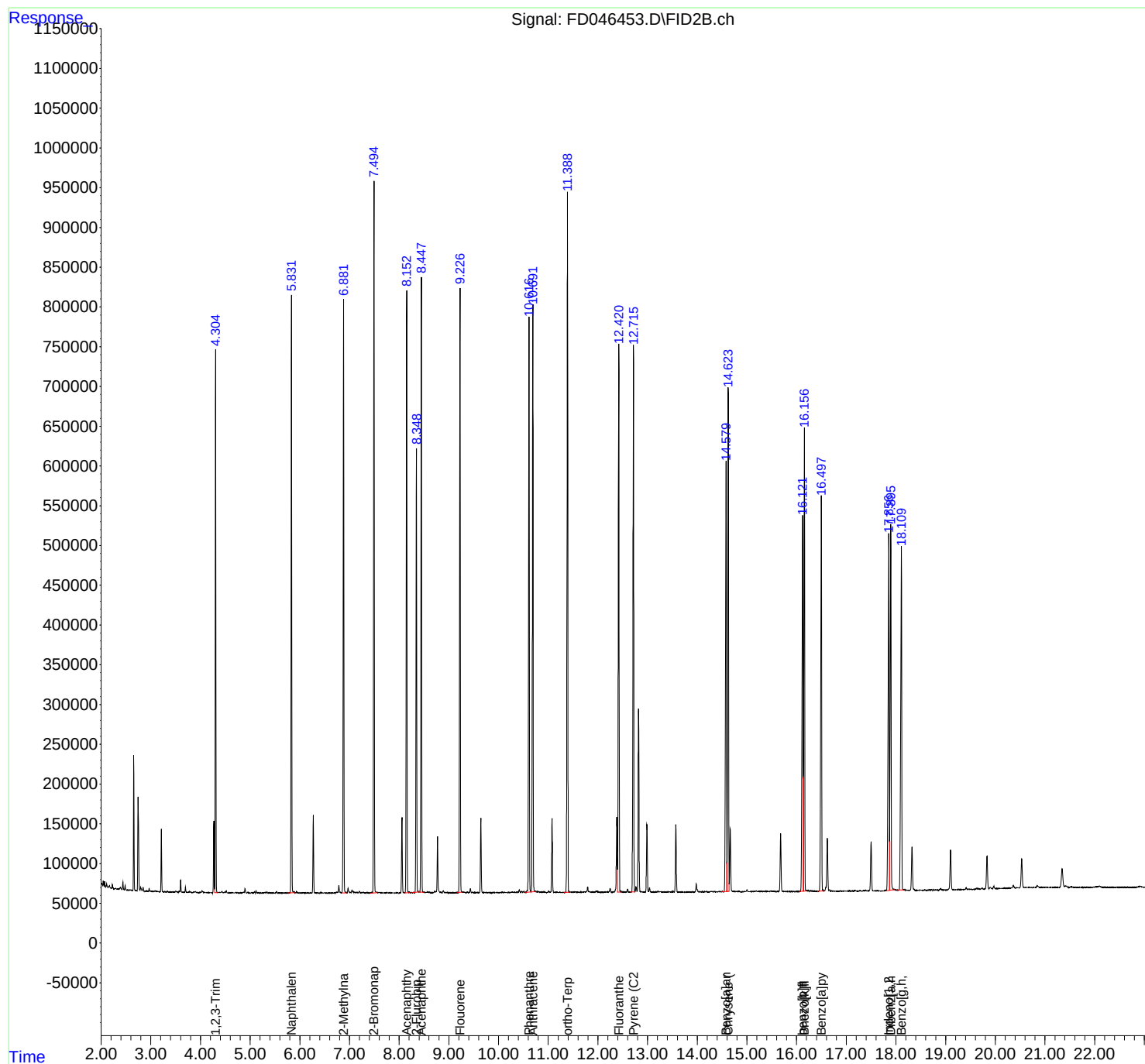
Instrument :
FID_D
ClientSampleId :
PB155445BSD

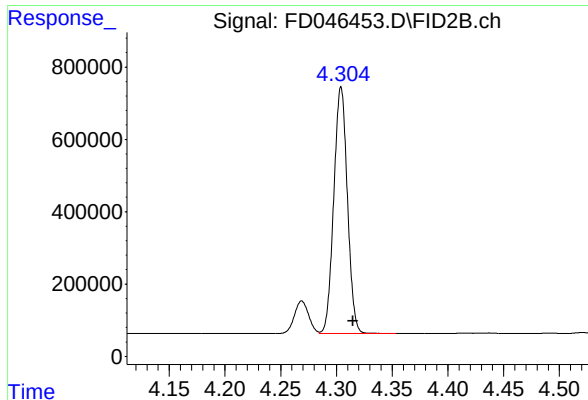
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e
Quant Time: Sep 12 01:09:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
Quant Title : GC Extractables
QLast Update : Tue Aug 22 12:26:56 2023
Response via : Initial Calibration
Integrator: ChemStation

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





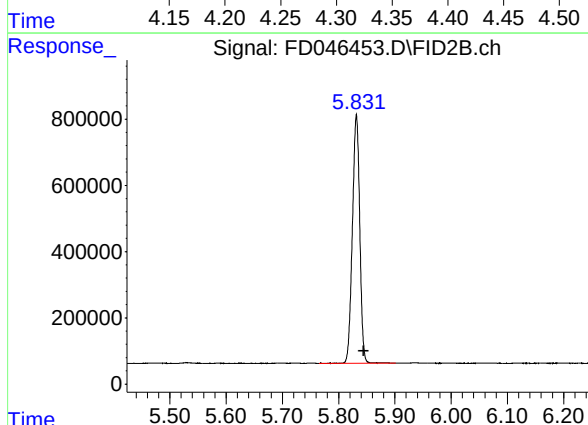
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.304 min
Delta R.T.: -0.011 min
Response: 5794010
Conc: 32.97 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155445BSD

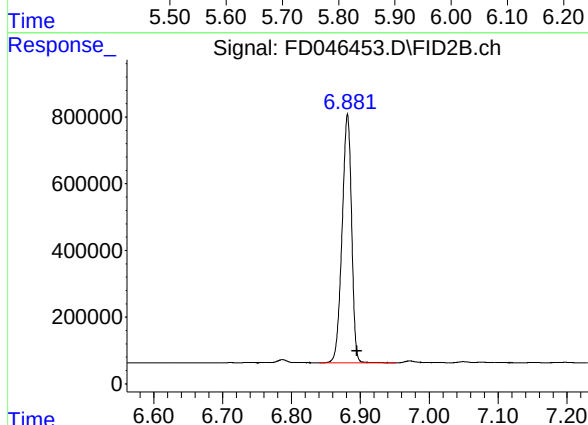
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :Ankita Jodhani 09/12/2023



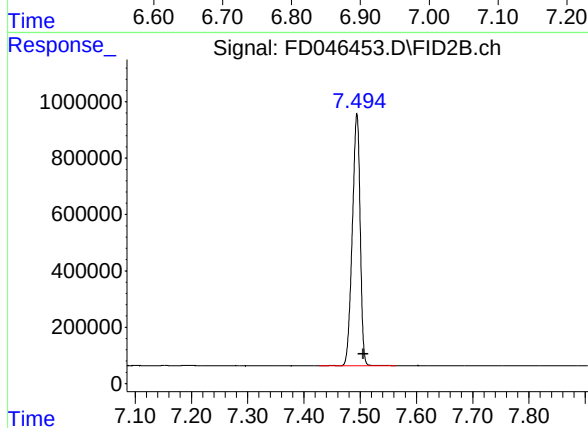
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: -0.013 min
Response: 6800170
Conc: 36.90 ug/ml



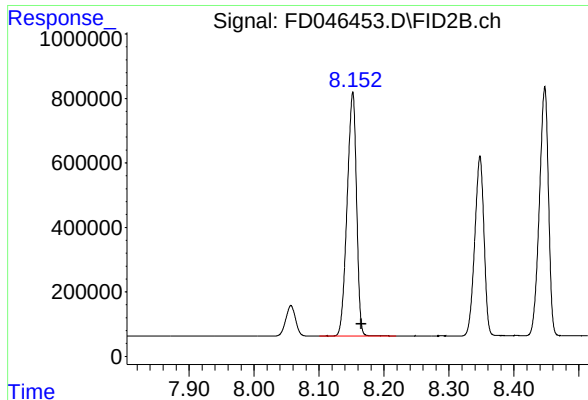
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.014 min
Response: 7145417
Conc: 38.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.494 min
Delta R.T.: -0.012 min
Response: 8687051
Conc: 51.44 ug/ml



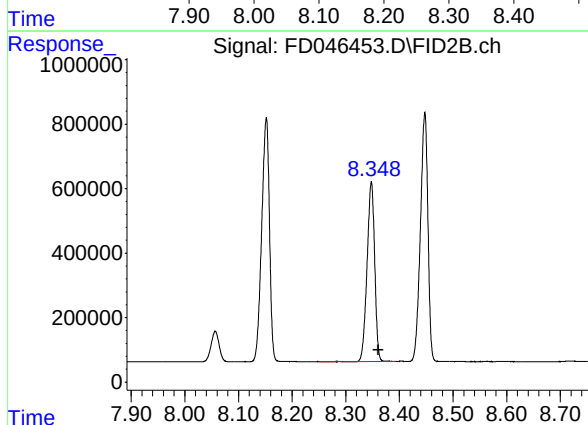
#5 Acenaphthylene (C15.06)

R.T.: 8.152 min
Delta R.T.: -0.013 min
Response: 7612946
Conc: 44.74 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155445BSD

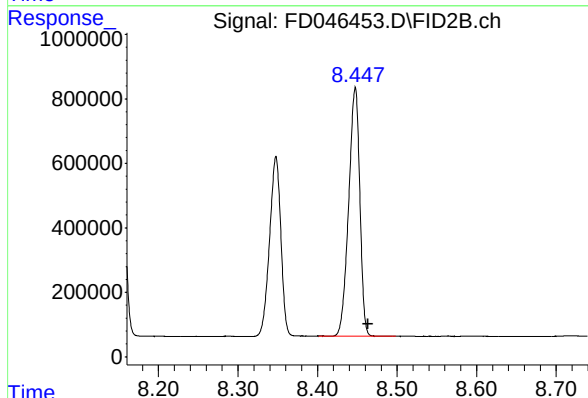
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :Ankita Jodhani 09/12/2023



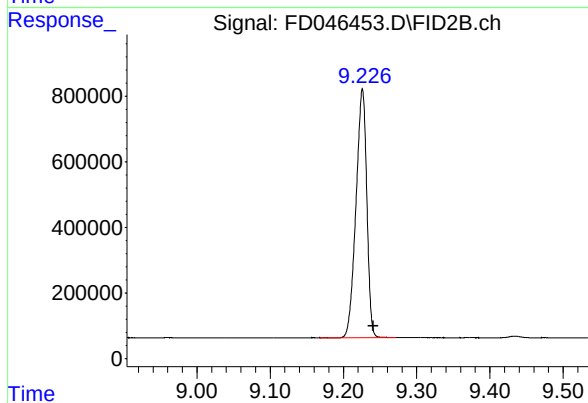
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.348 min
Delta R.T.: -0.013 min
Response: 5469114
Conc: 49.14 ug/ml



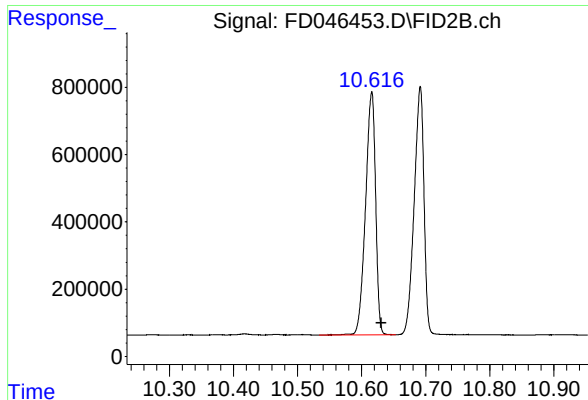
#7 Acenaphthene (C15.5)

R.T.: 8.447 min
Delta R.T.: -0.016 min
Response: 7508771
Conc: 41.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.226 min
Delta R.T.: -0.015 min
Response: 7771645
Conc: 44.44 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.615 min
Delta R.T.: -0.015 min
Response: 7903013
Conc: 46.06 ug/ml

Instrument :

FID_D

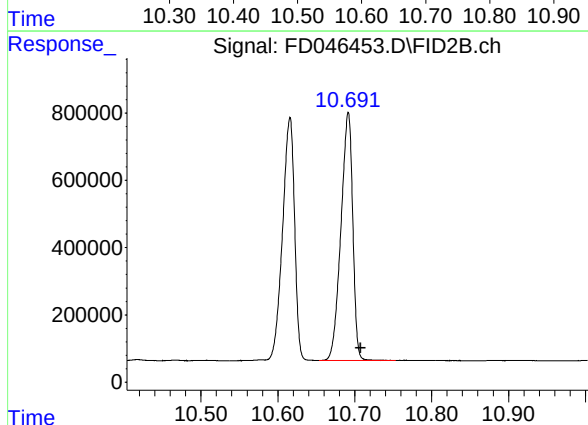
ClientSampleId :

PB155445BSD

Manual Integrations

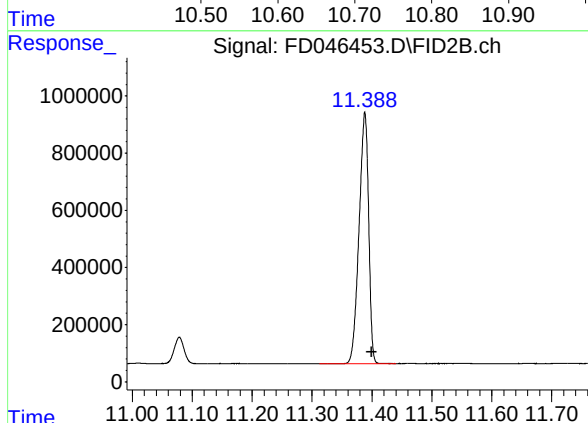
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :Ankita Jodhani 09/12/2023



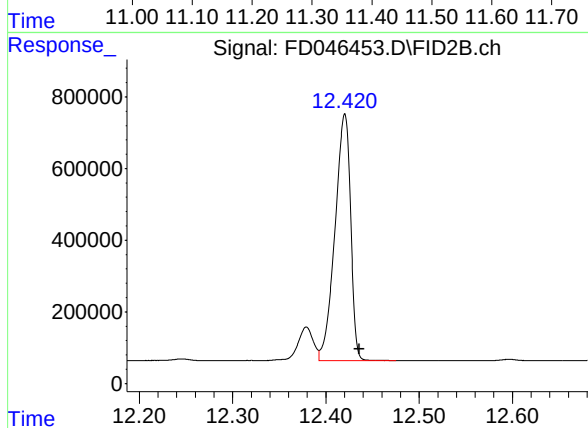
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: -0.017 min
Response: 7854992
Conc: 46.56 ug/ml



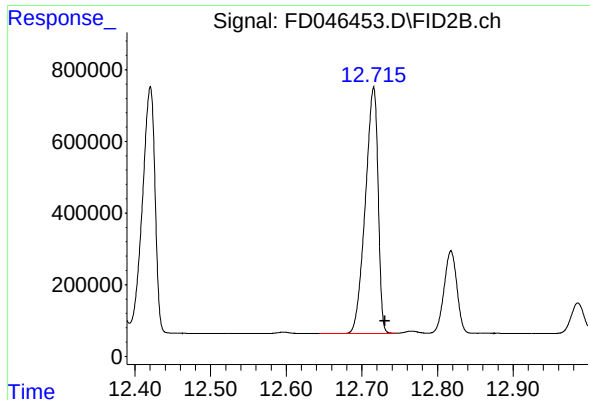
#11 ortho-Terphenyl (SURR)

R.T.: 11.388 min
Delta R.T.: -0.011 min
Response: 9732738
Conc: 49.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.420 min
Delta R.T.: -0.016 min
Response: 8022613
Conc: 48.22 ug/ml



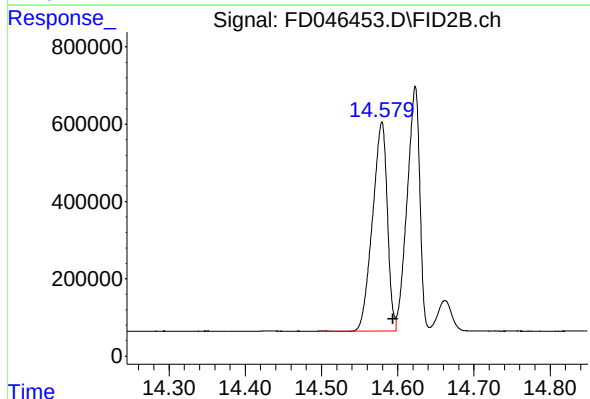
#13 Pyrene (C20.8)

R.T.: 12.715 min
Delta R.T.: -0.016 min
Response: 8041339
Conc: 49.89 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155445BSD

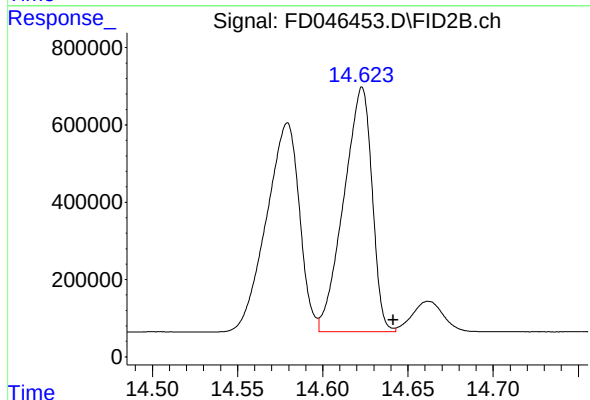
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :Ankita Jodhani 09/12/2023



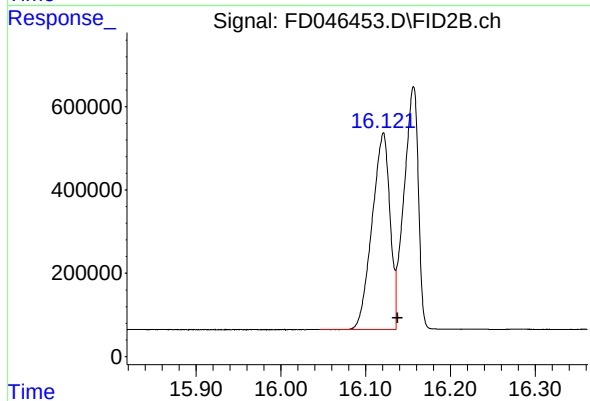
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.015 min
Response: 7299836
Conc: 51.89 ug/ml



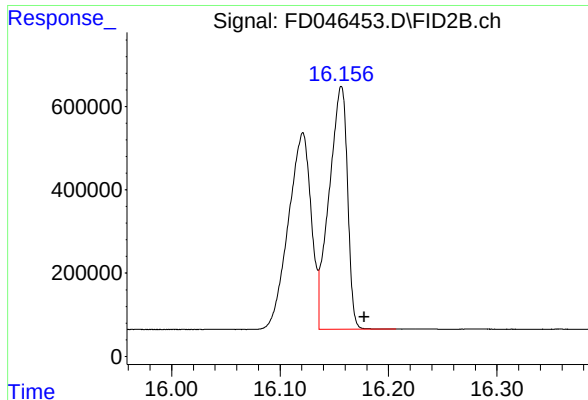
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: -0.019 min
Response: 7318795
Conc: 49.34 ug/ml



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

R.T.: 16.120 min
Delta R.T.: -0.017 min
Response: 6899860
Conc: 50.78 ug/ml



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

R.T.: 16.156 min
Delta R.T.: -0.022 min
Response: 6869547
Conc: 50.64 ug/ml

Instrument :

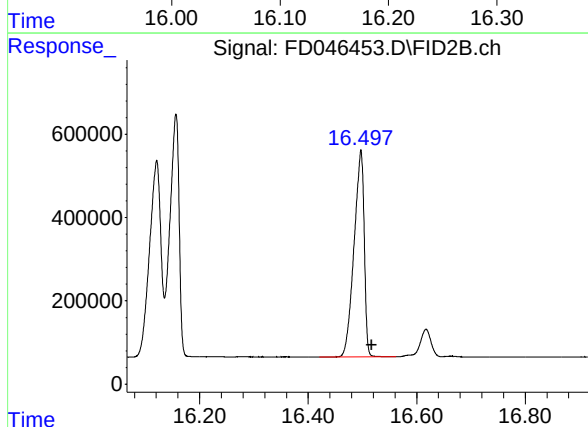
FID_D

ClientSampleId :

PB155445BSD

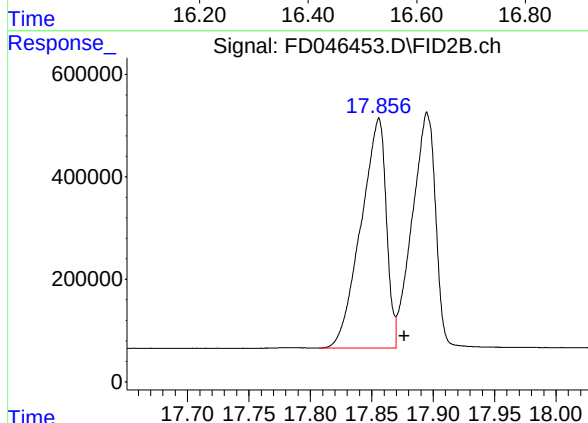
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :Ankita Jodhani 09/12/2023



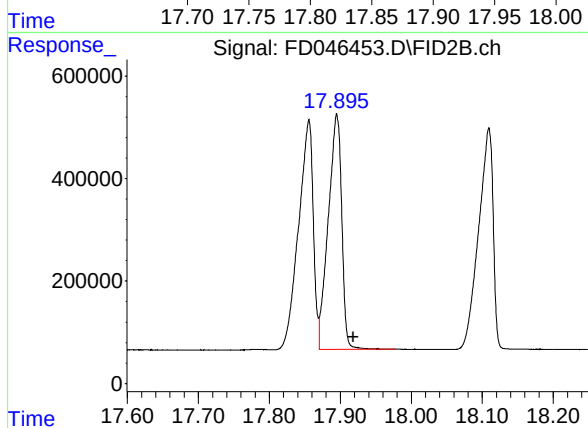
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: -0.021 min
Response: 6455058
Conc: 48.99 ug/ml



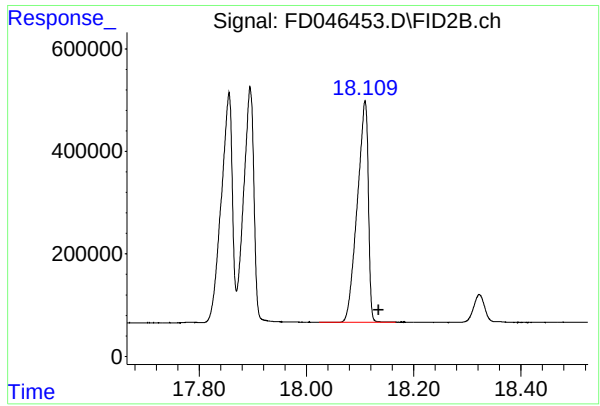
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: -0.021 min
Response: 6437558
Conc: 51.61 ug/ml m



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

R.T.: 17.895 min
Delta R.T.: -0.024 min
Response: 6078652
Conc: 48.51 ug/ml



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

R.T.: 18.109 min
Delta R.T.: -0.026 min
Response: 6146435
Conc: 47.93 ug/ml

Instrument :

FID_D

ClientSampleId :

PB155445BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :Ankita Jodhani 09/12/2023