

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047725.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 17:02
 Operator : YP/AJ
 Sample : PB160844BSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160844BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 13 02:06:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.463	8106033	51.687 ug/ml
Spiked Amount 50.000		Recovery =	103.37%
6) S 2-Fluorobiphenyl (SURR)	8.317	5060292	48.376 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.75%
11) S ortho-Terphenyl (SURR)	11.357	7095007	37.833 ug/ml
Spiked Amount 50.000		Recovery =	75.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	6363103	39.356 ug/ml
2) T Naphthalene (C11.7)	5.800	7320798	43.266 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7483004	43.929 ug/ml
5) T Acenaphthylene (C15.06)	8.121	7855820	48.170 ug/ml
7) T Acenaphthene (C15.5)	8.417	7722825	45.943 ug/ml
8) T Flouorene (C16.55)	9.196	7994442	48.060 ug/ml
9) T Phenanthrene (C19.36)	10.587	8172115	49.916 ug/ml
10) T Anthracene (C19.43)	10.663	8058434	53.800 ug/ml
12) T Fluoranthene (C21.85)	12.395	8235812	49.633 ug/ml
13) T Pyrene (C20.8)	12.690	8326857	51.176 ug/ml
14) T Benzo[a]anthracene (C...	14.560	7701965	52.763 ug/ml
15) T Chrysene (C27.41)	14.604	7648778	48.537 ug/ml
16) T benzo[b]fluoranthene ...	16.109	7446516	49.857 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	7527793	50.002 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.487	7226963	50.086 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	7542535	55.575 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	7023583	49.056 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.107	6890045	50.183 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
Data File : FD047725.D
Signal(s) : FID2B.ch
Acq On : 11 May 2024 17:02
Operator : YP/AJ
Sample : PB160844BSD
Misc :
ALS Vial : 70 Sample Multiplier: 1

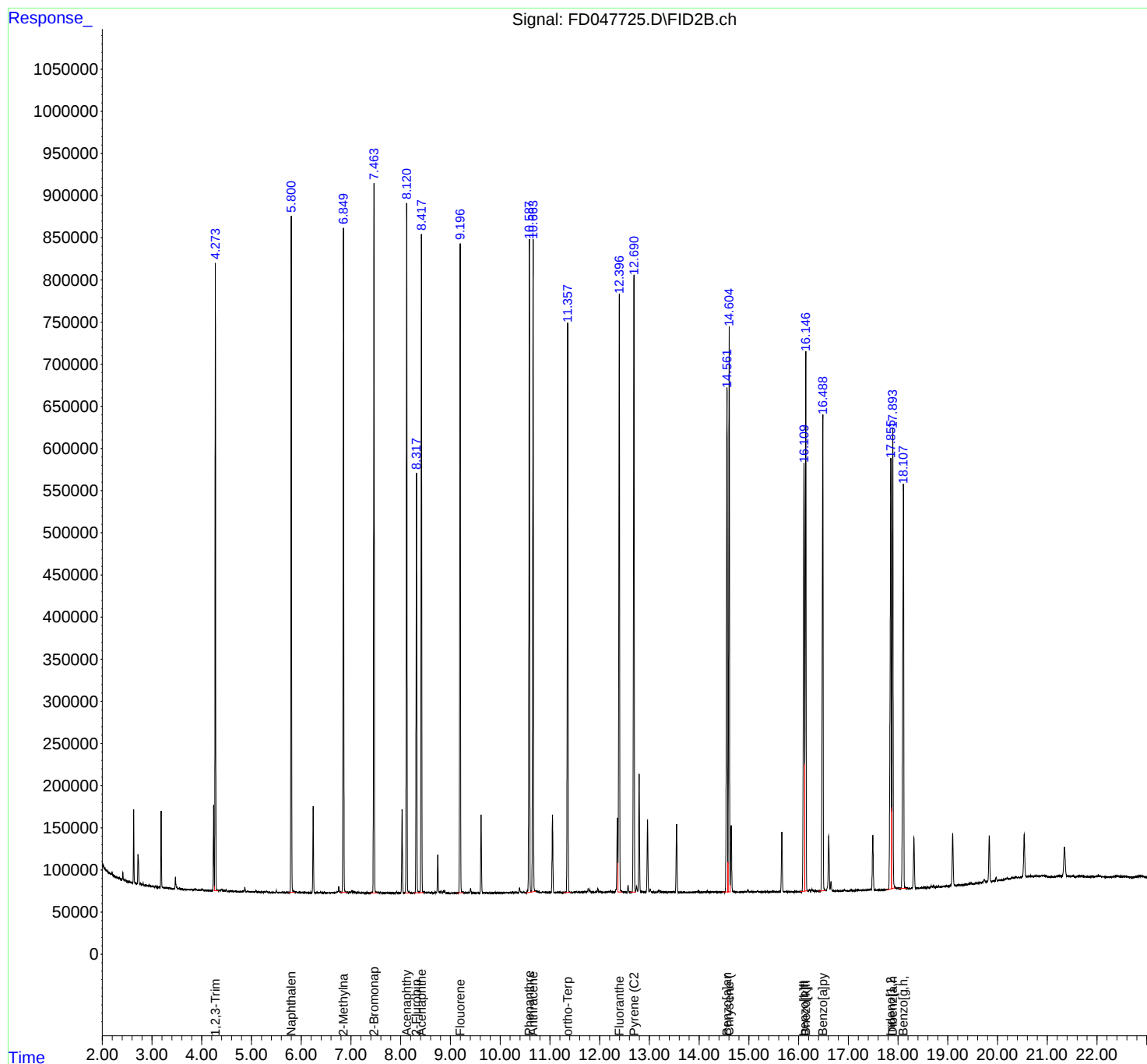
Instrument :
FID_D
ClientSampleId :
PB160844BSD

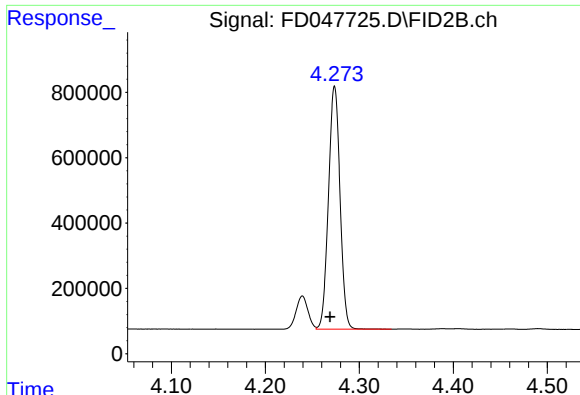
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
Quant Time: May 13 02:06:43 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 17:13:11 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.: 4.274 min
Delta R.T.: 0.005 min
Response: 6363103
Conc: 39.36 ug/ml

Instrument :

FID_D

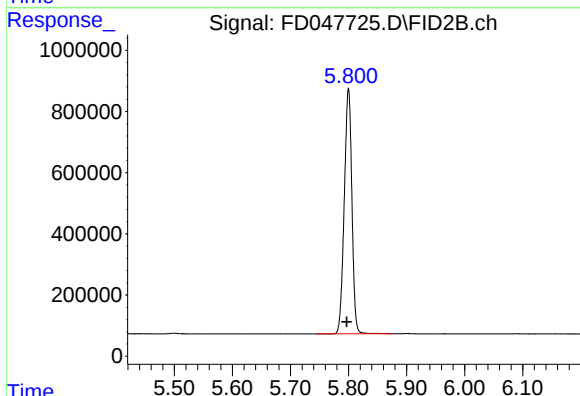
ClientSampleId :

PB160844BSD

Manual Integrations

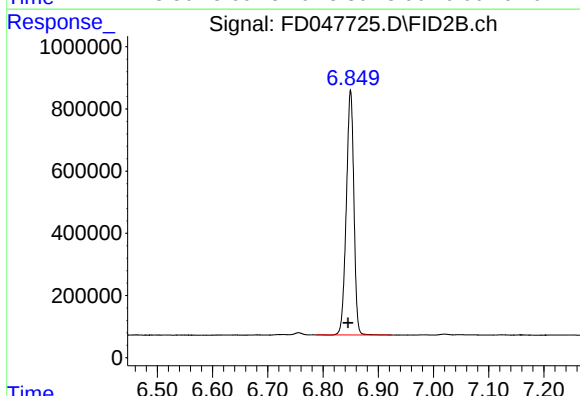
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



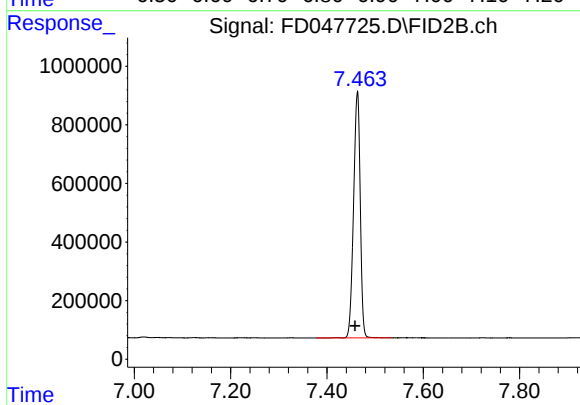
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 7320798
Conc: 43.27 ug/ml



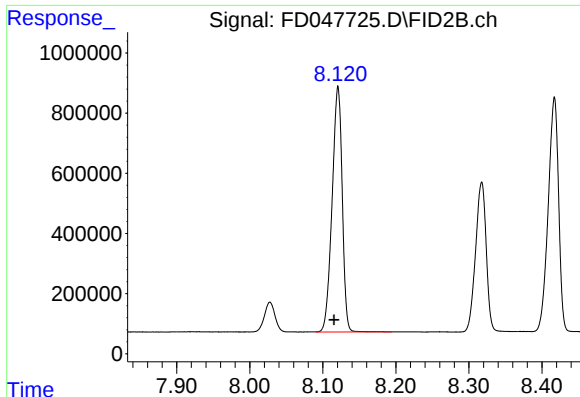
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.004 min
Response: 7483004
Conc: 43.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.005 min
Response: 8106033
Conc: 51.69 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.121 min
Delta R.T.: 0.005 min
Response: 7855820
Conc: 48.17 ug/ml

Instrument :

FID_D

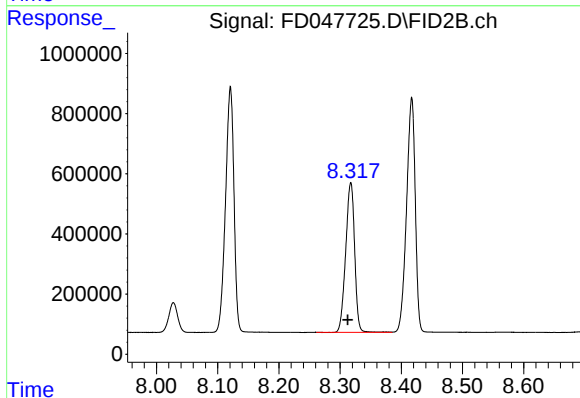
ClientSampleId :

PB160844BSD

Manual Integrations

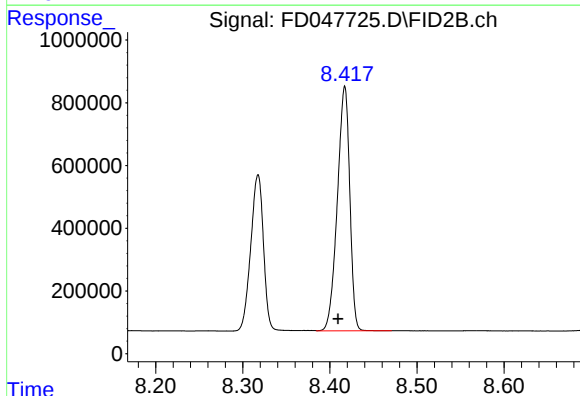
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



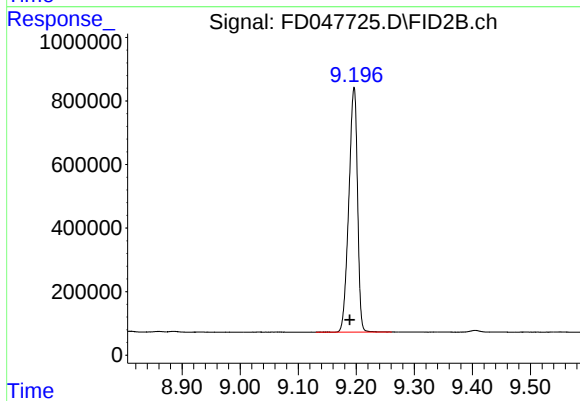
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.005 min
Response: 5060292
Conc: 48.38 ug/ml



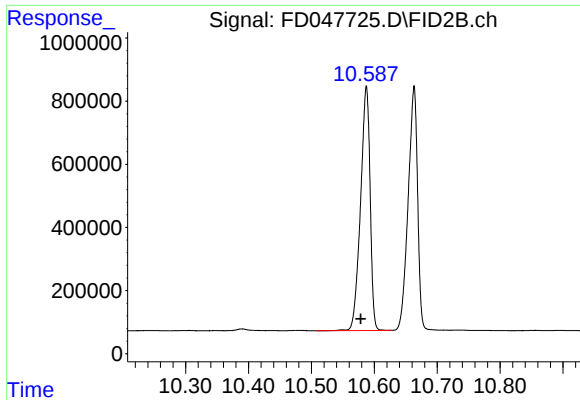
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.007 min
Response: 7722825
Conc: 45.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.196 min
Delta R.T.: 0.007 min
Response: 7994442
Conc: 48.06 ug/ml



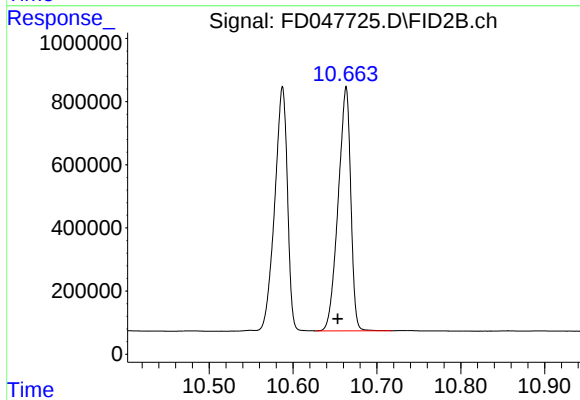
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.009 min
Response: 8172115
Conc: 49.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB160844BSD

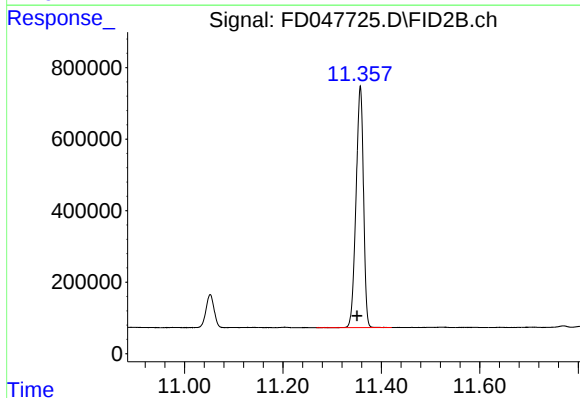
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



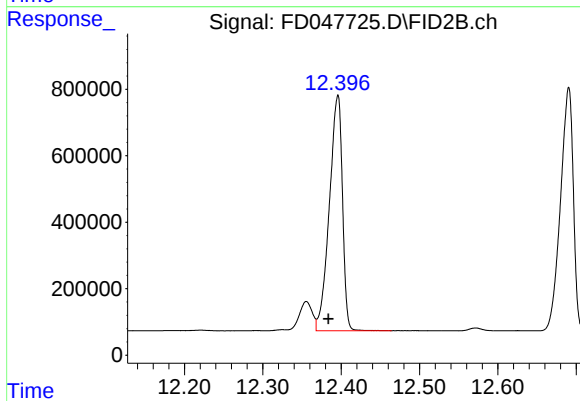
#10 Anthracene (C19.43)

R.T.: 10.663 min
Delta R.T.: 0.010 min
Response: 8058434
Conc: 53.80 ug/ml



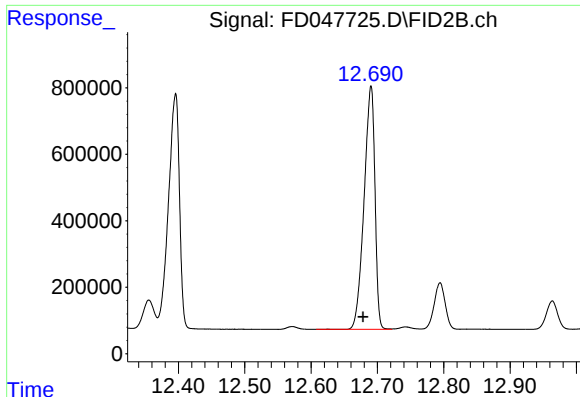
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.007 min
Response: 7095007
Conc: 37.83 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.012 min
Response: 8235812
Conc: 49.63 ug/ml



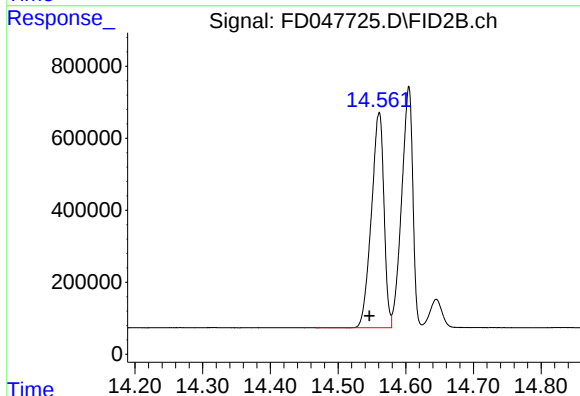
#13 Pyrene (C20.8)

R.T.: 12.690 min
Delta R.T.: 0.012 min
Response: 8326857
Conc: 51.18 ug/ml

Instrument :
FID_D
ClientSampleId :
PB160844BSD

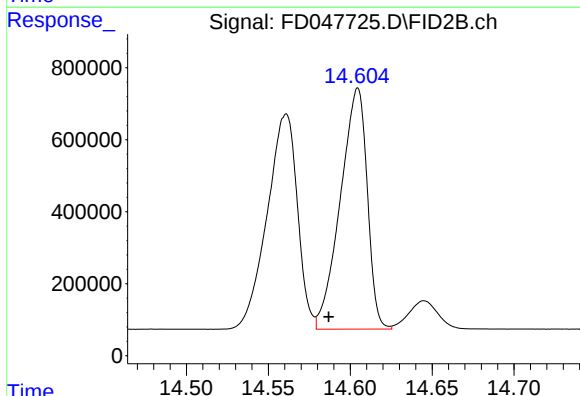
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



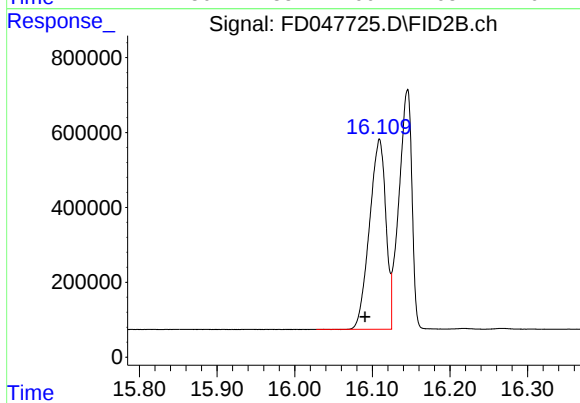
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.014 min
Response: 7701965
Conc: 52.76 ug/ml



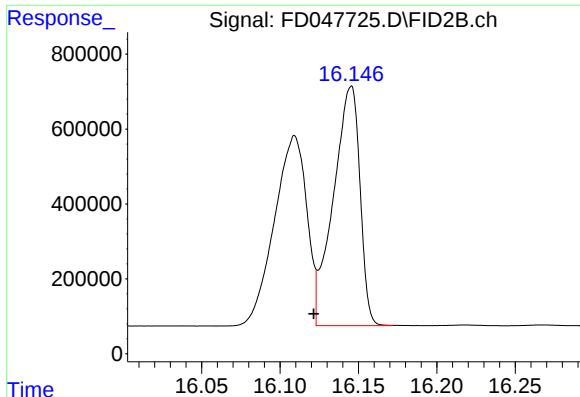
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.017 min
Response: 7648778
Conc: 48.54 ug/ml



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

R.T.: 16.109 min
Delta R.T.: 0.018 min
Response: 7446516
Conc: 49.86 ug/ml



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

R.T.: 16.145 min
Delta R.T.: 0.024 min
Response: 7527793
Conc: 50.00 ug/ml

Instrument :

FID_D

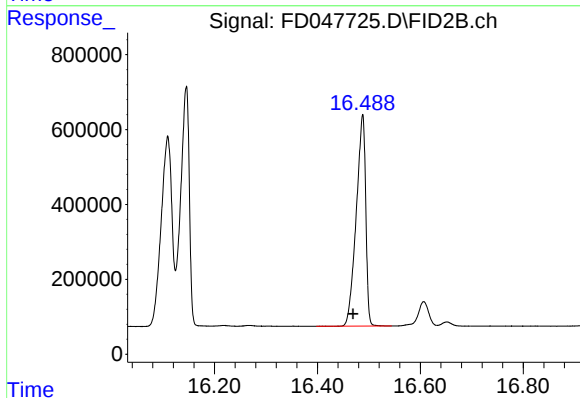
ClientSampleId :

PB160844BSD

Manual Integrations

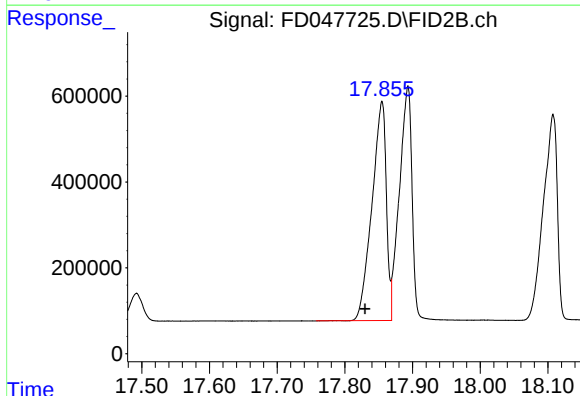
APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :Ankita Jodhani 05/13/2024



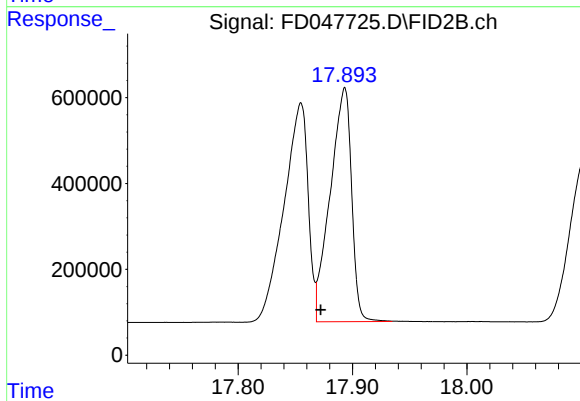
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: 0.018 min
Response: 7226963
Conc: 50.09 ug/ml



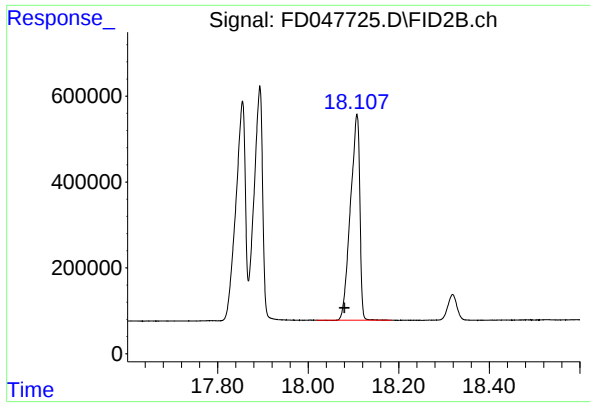
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: 0.024 min
Response: 7542535
Conc: 55.57 ug/ml



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

R.T.: 17.893 min
Delta R.T.: 0.021 min
Response: 7023583
Conc: 49.06 ug/ml m



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

R.T.: 18.107 min
Delta R.T.: 0.027 min
Response: 6890045
Conc: 50.18 ug/ml

Instrument :

FID_D

ClientSampleId :

PB160844BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :Ankita Jodhani 05/13/2024