

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048604.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 14:32
 Operator : YP/AJ
 Sample : PB164396BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164396BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e

Quant Time: Oct 29 00:22:39 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 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...	7.372	7402684	48.773 ug/ml
Spiked Amount 50.000		Recovery =	97.55%
6) S 2-Fluorobiphenyl (SURR)	8.222	4892407	49.825 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.65%
11) S ortho-Terphenyl (SURR)	11.258	6830259	40.098 ug/ml
Spiked Amount 50.000		Recovery =	80.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	5983384	34.393 ug/mlm
2) T Naphthalene (C11.7)	5.712	6832246	38.290 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	6751071	37.744 ug/ml
5) T Acenaphthylene (C15.06)	8.025	7372752	41.988 ug/ml
7) T Acenaphthene (C15.5)	8.321	7810589	44.037 ug/ml
8) T Fluorene (C16.55)	9.099	8087323	47.844 ug/ml
9) T Phenanthrene (C19.36)	10.487	8287031	50.131 ug/ml
10) T Anthracene (C19.43)	10.562	8435961	52.754 ug/ml
12) T Fluoranthene (C21.85)	12.291	8485411	51.559 ug/mlm
13) T Pyrene (C20.8)	12.584	8817223	54.739 ug/ml
14) T Benzo[a]anthracene (C...	14.453	7784802	53.242 ug/ml
15) T Chrysene (C27.41)	14.497	7863685	47.806 ug/ml
16) T benzo[b]fluoranthene ...	16.001	7661055	50.392 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	7638597	50.821 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.377	7347552	48.822 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	7707412	59.071 ug/ml
20) T Dibenz[a,h]anthracene...	17.781	7303593	44.880 ug/ml
21) T Benzo[g,h,i]perylene ...	17.996	7127084	46.554 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
Data File : FD048604.D
Signal(s) : FID2B.ch
Acq On : 28 Oct 2024 14:32
Operator : YP/AJ
Sample : PB164396BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164396BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e

Quant Time: Oct 29 00:22:39 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

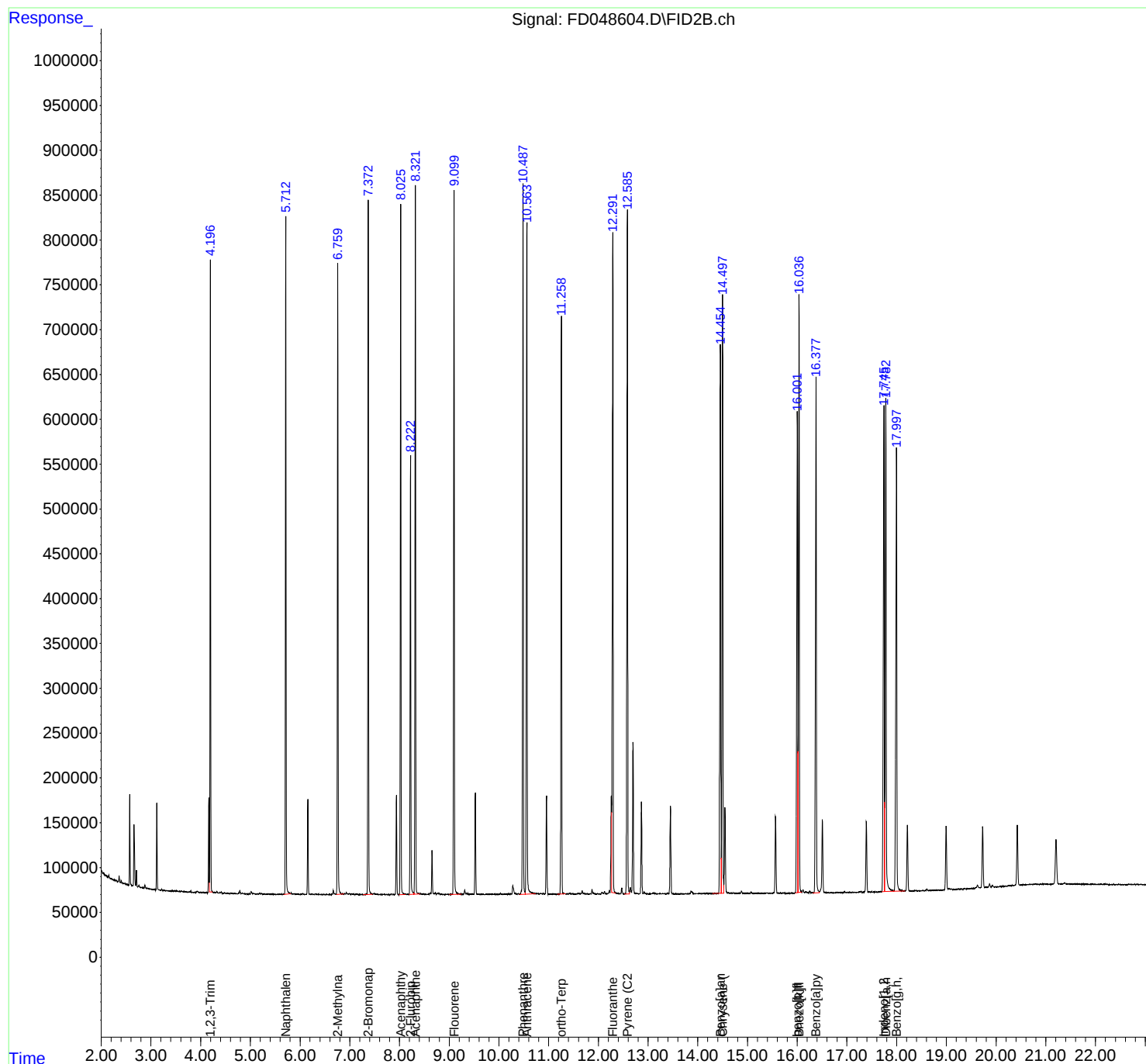
Response via : Initial Calibration

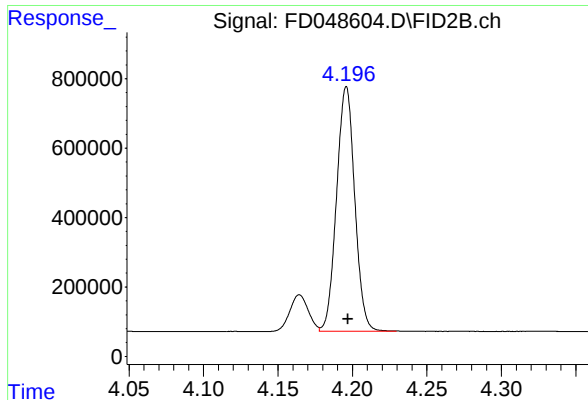
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





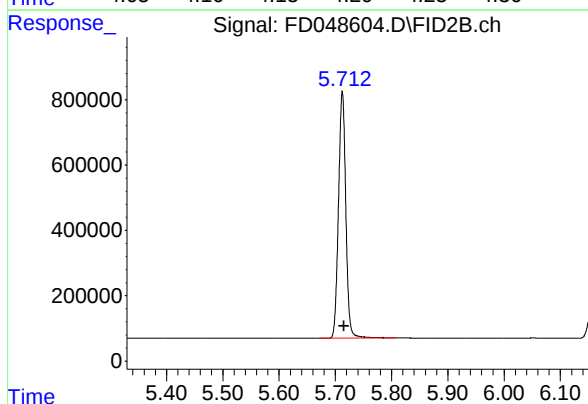
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.196 min
Delta R.T.: -0.001 min
Response: 5983384
Conc: 34.39 ug/ml

Instrument :
FID_D
ClientSampleId :
PB164396BS

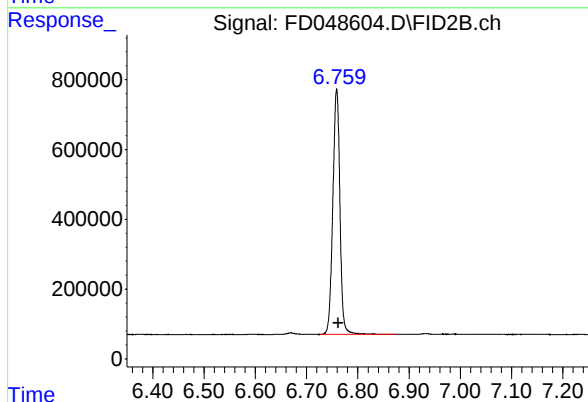
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



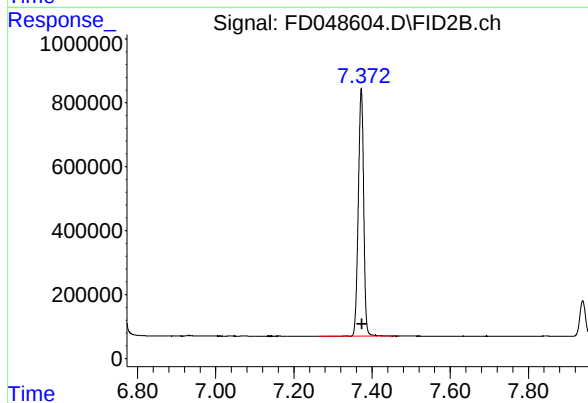
#2 Naphthalene (C11.7)

R.T.: 5.712 min
Delta R.T.: -0.003 min
Response: 6832246
Conc: 38.29 ug/ml



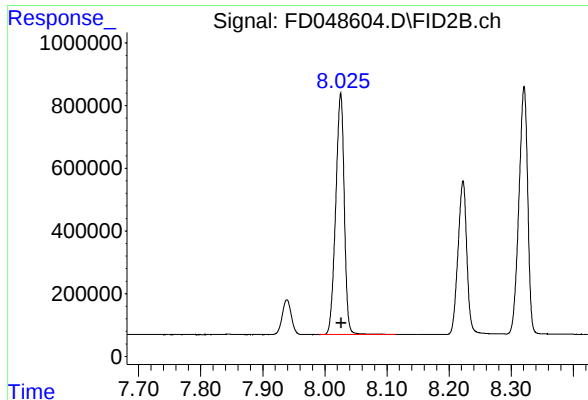
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 6751071
Conc: 37.74 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 7402684
Conc: 48.77 ug/ml



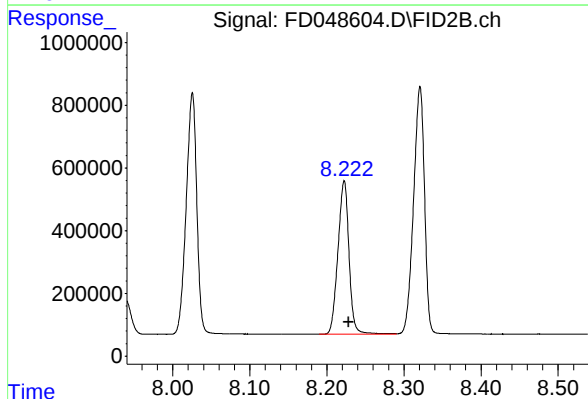
#5 Acenaphthylene (C15.06)

R.T.: 8.025 min
Delta R.T.: -0.001 min
Response: 7372752
Conc: 41.99 ug/ml

Instrument :
FID_D
ClientSampleId :
PB164396BS

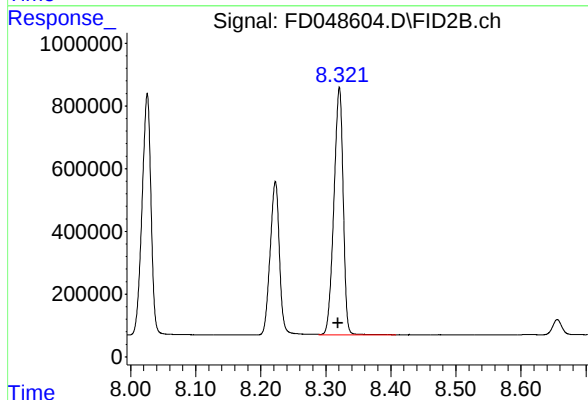
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



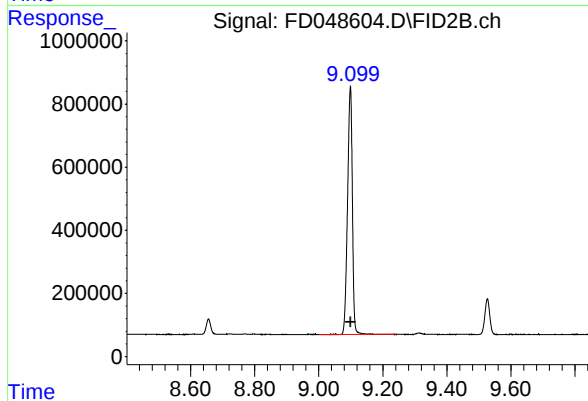
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 4892407
Conc: 49.82 ug/ml



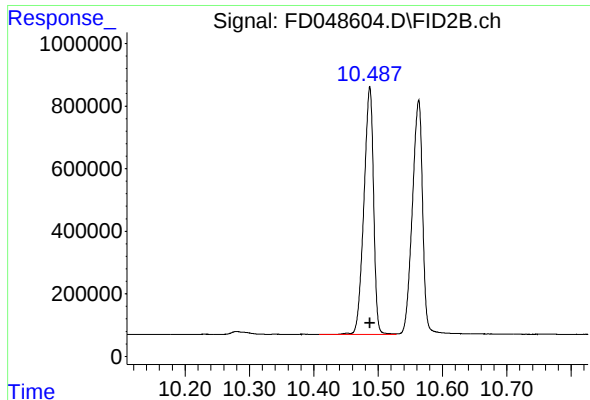
#7 Acenaphthene (C15.5)

R.T.: 8.321 min
Delta R.T.: 0.002 min
Response: 7810589
Conc: 44.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.099 min
Delta R.T.: -0.002 min
Response: 8087323
Conc: 47.84 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.487 min
Delta R.T.: 0.000 min
Response: 8287031
Conc: 50.13 ug/ml

Instrument :

FID_D

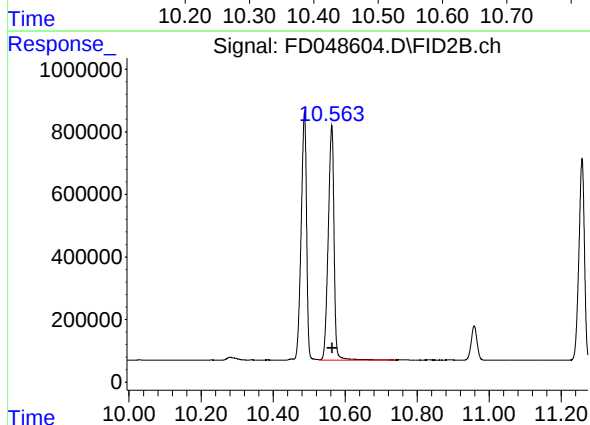
ClientSampleId :

PB164396BS

Manual Integrations

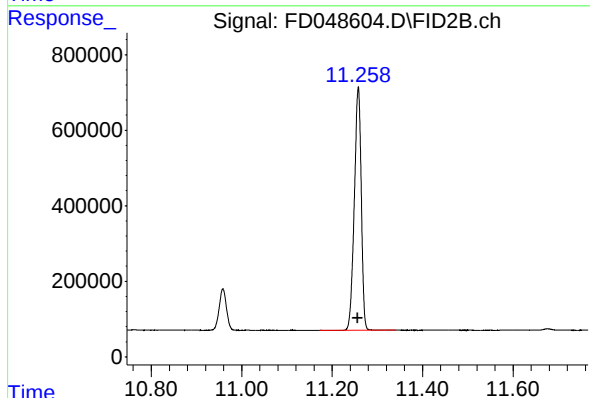
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



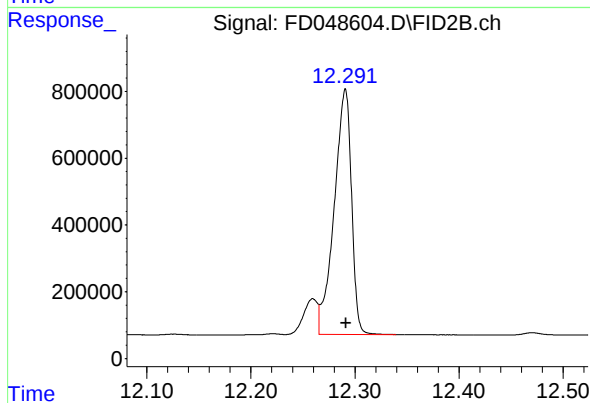
#10 Anthracene (C19.43)

R.T.: 10.562 min
Delta R.T.: -0.002 min
Response: 8435961
Conc: 52.75 ug/ml



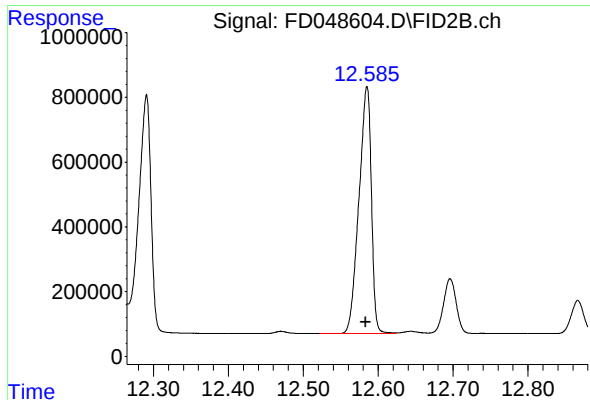
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.000 min
Response: 6830259
Conc: 40.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 8485411
Conc: 51.56 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.584 min
Delta R.T.: 0.001 min
Response: 8817223
Conc: 54.74 ug/ml

Instrument :

FID_D

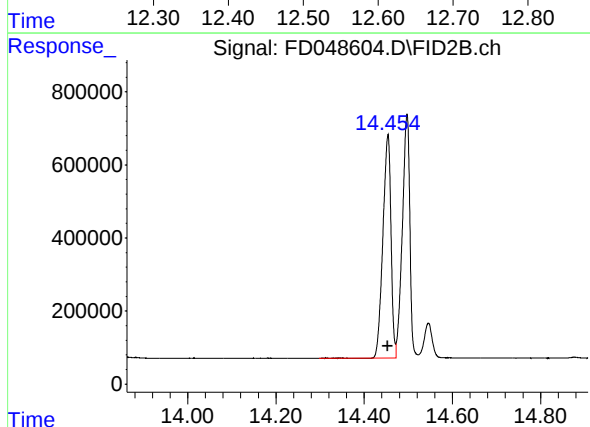
ClientSampleId :

PB164396BS

Manual Integrations

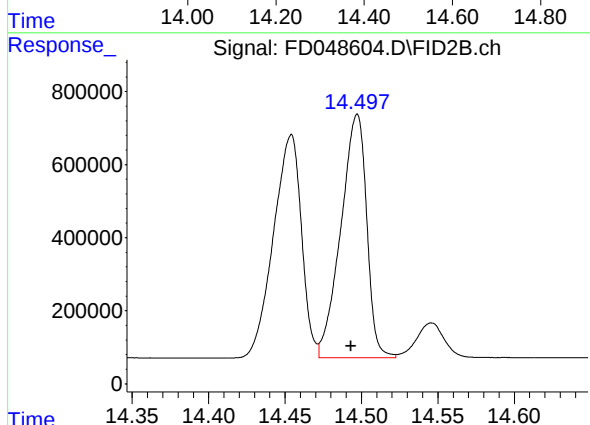
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



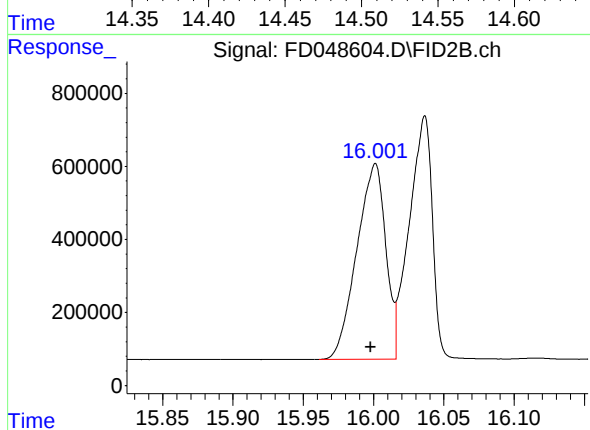
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.453 min
Delta R.T.: 0.000 min
Response: 7784802
Conc: 53.24 ug/ml



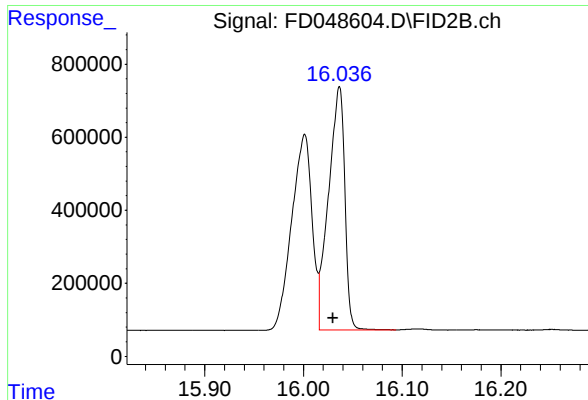
#15 Chrysene (C27.41)

R.T.: 14.497 min
Delta R.T.: 0.003 min
Response: 7863685
Conc: 47.81 ug/ml



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

R.T.: 16.001 min
Delta R.T.: 0.003 min
Response: 7661055
Conc: 50.39 ug/ml



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

R.T.: 16.036 min
Delta R.T.: 0.006 min
Response: 7638597
Conc: 50.82 ug/ml

Instrument :

FID_D

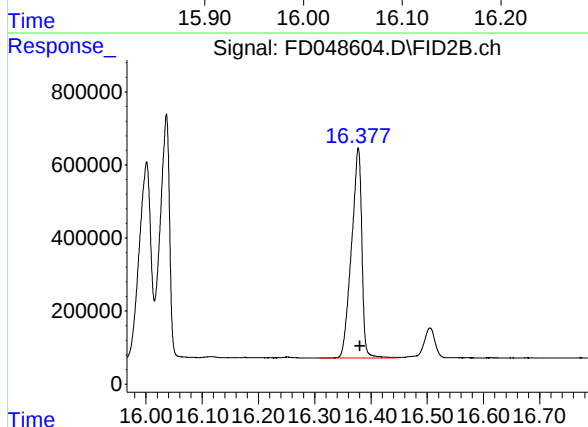
ClientSampleId :

PB164396BS

Manual Integrations

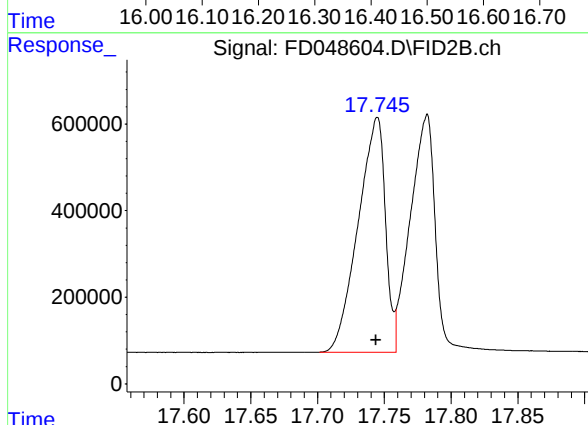
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



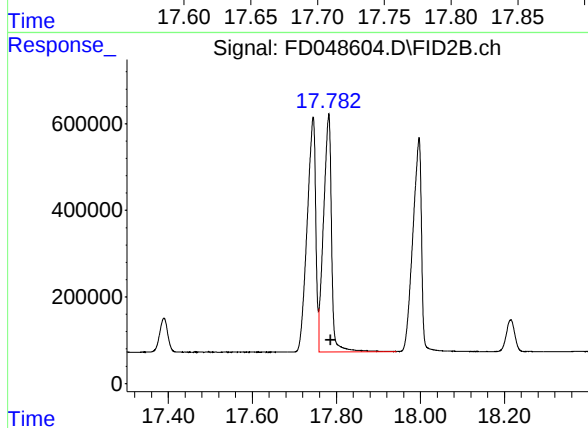
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.377 min
Delta R.T.: -0.004 min
Response: 7347552
Conc: 48.82 ug/ml



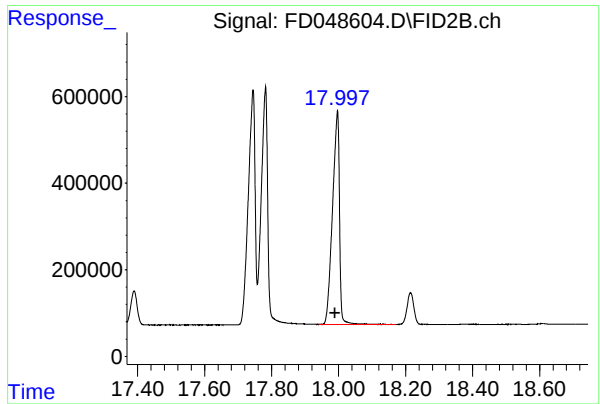
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: 0.000 min
Response: 7707412
Conc: 59.07 ug/ml



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

R.T.: 17.781 min
Delta R.T.: -0.006 min
Response: 7303593
Conc: 44.88 ug/ml



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

R.T.: 17.996 min
Delta R.T.: 0.006 min
Response: 7127084
Conc: 46.55 ug/ml

Instrument :

FID_D

ClientSampleId :

PB164396BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024