

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048899.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 11:10
 Operator : YP/AJ
 Sample : PB165775BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165775BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 04:03:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 06:07:50 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...	7.361	8441270	50.116 ug/ml
Spiked Amount 50.000		Recovery =	100.23%
6) S 2-Fluorobiphenyl (SURR)	8.211	5057775	48.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.92%
11) S ortho-Terphenyl (SURR)	11.247	7987359	44.958 ug/ml
Spiked Amount 50.000		Recovery =	89.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	5796574	30.615 ug/ml
2) T Naphthalene (C11.7)	5.701	7358939	38.512 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	7362678	39.846 ug/ml
5) T Acenaphthylene (C15.06)	8.013	8037048	43.063 ug/ml
7) T Acenaphthene (C15.5)	8.309	8773621	47.110 ug/ml
8) T Flouorene (C16.55)	9.088	8877905	49.684 ug/ml
9) T Phenanthrene (C19.36)	10.475	8702708	52.104 ug/ml
10) T Anthracene (C19.43)	10.551	8869696	52.260 ug/ml
12) T Fluoranthene (C21.85)	12.281	8660485	52.909 ug/mlm
13) T Pyrene (C20.8)	12.574	9122601	56.090 ug/ml
14) T Benzo[a]anthracene (C...	14.444	7786261	58.938 ug/ml
15) T Chrysene (C27.41)	14.487	7970670	49.372 ug/ml
16) T benzo[b]fluoranthene ...	15.993	7844868	58.271 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	7920356	51.998 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.368	7875529	56.941 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	7465507	70.053 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	7743038	53.390 ug/ml
21) T Benzo[g,h,i]perylene ...	17.990	7312960	52.158 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
Data File : FD048899.D
Signal(s) : FID2B.ch
Acq On : 20 Dec 2024 11:10
Operator : YP/AJ
Sample : PB165775BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

Client SampleId :

PB165775BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 21 04:03:03 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 06:07:50 2024

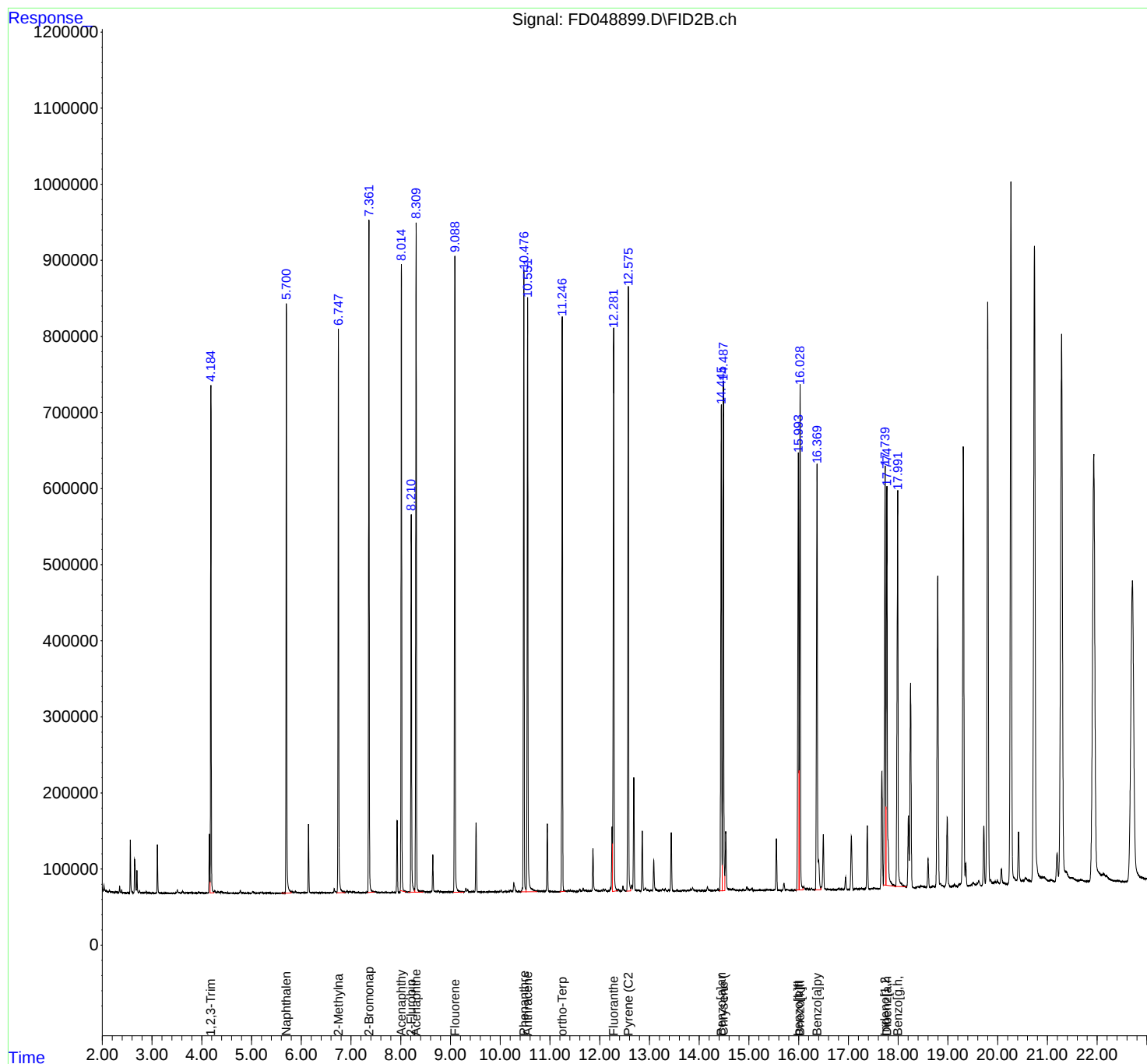
Response via : Initial Calibration

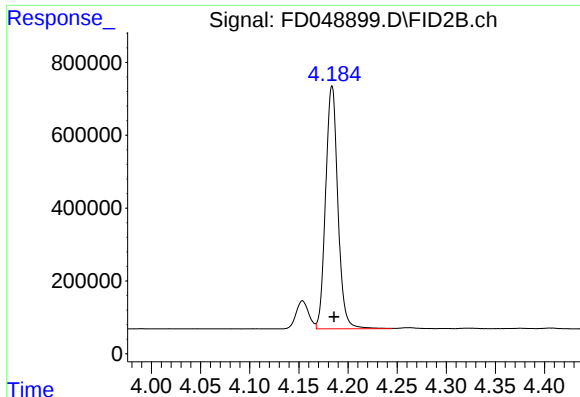
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





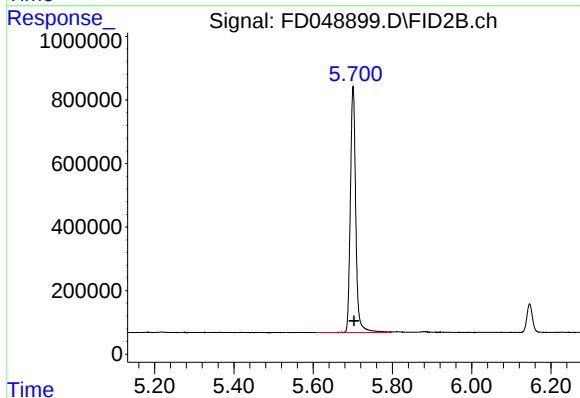
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 5796574
Conc: 30.62 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165775BS

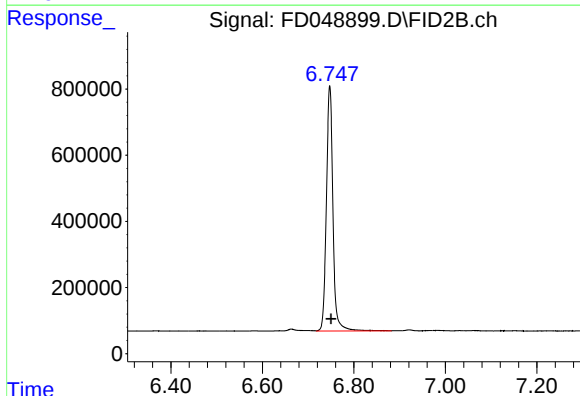
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



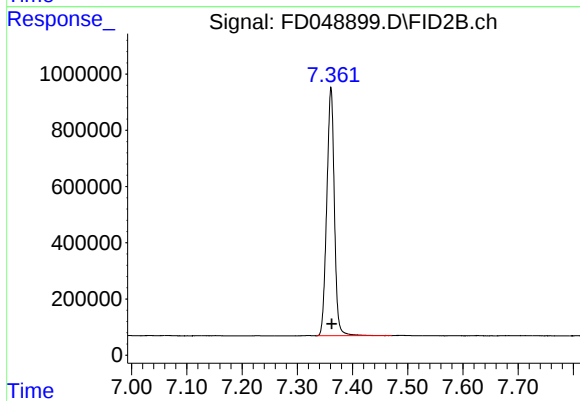
#2 Naphthalene (C11.7)

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 7358939
Conc: 38.51 ug/ml



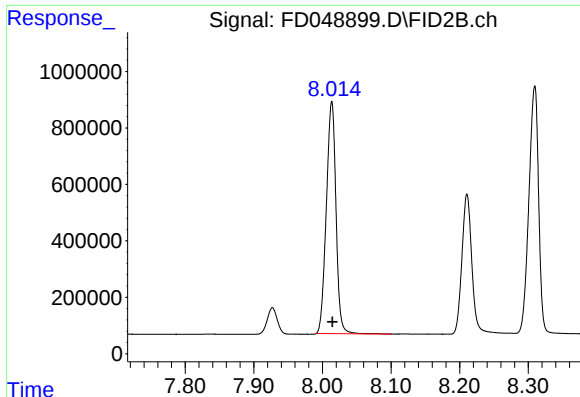
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 7362678
Conc: 39.85 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: -0.002 min
Response: 8441270
Conc: 50.12 ug/ml



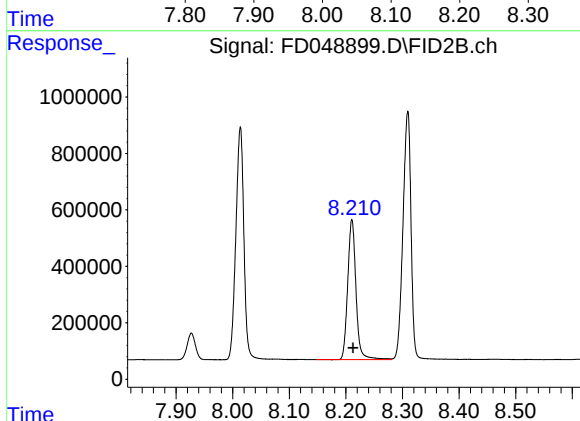
#5 Acenaphthylene (C15.06)

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 8037048
Conc: 43.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165775BS

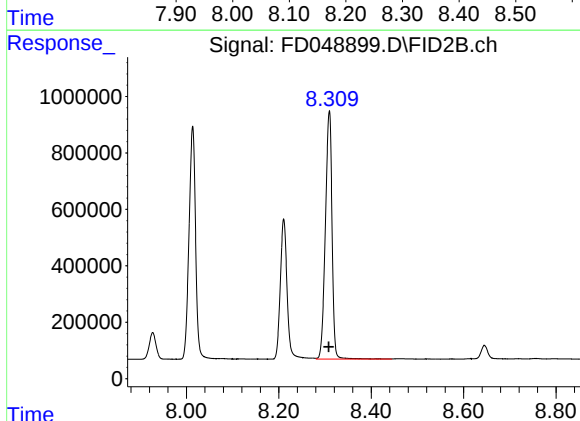
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



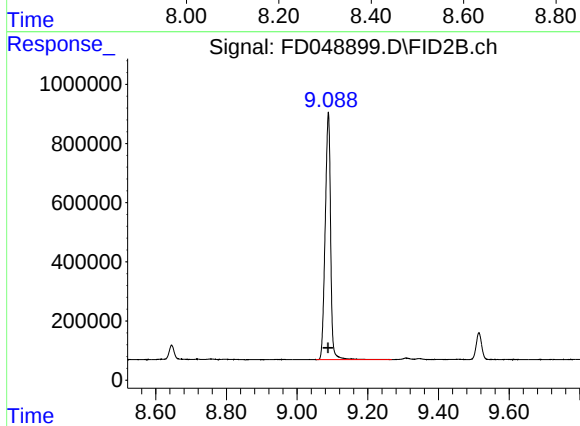
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 5057775
Conc: 48.96 ug/ml



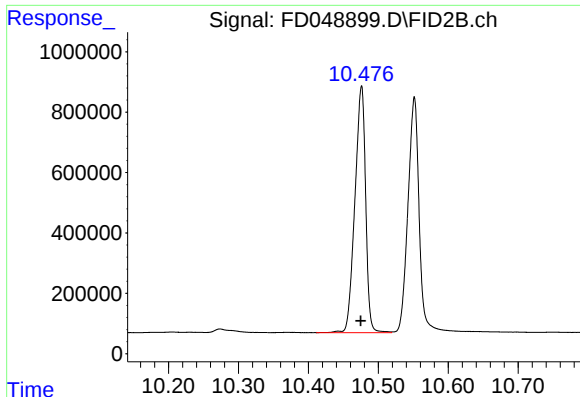
#7 Acenaphthene (C15.5)

R.T.: 8.309 min
Delta R.T.: 0.000 min
Response: 8773621
Conc: 47.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 8877905
Conc: 49.68 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.475 min
Delta R.T.: 0.000 min
Response: 8702708
Conc: 52.10 ug/ml

Instrument :

FID_D

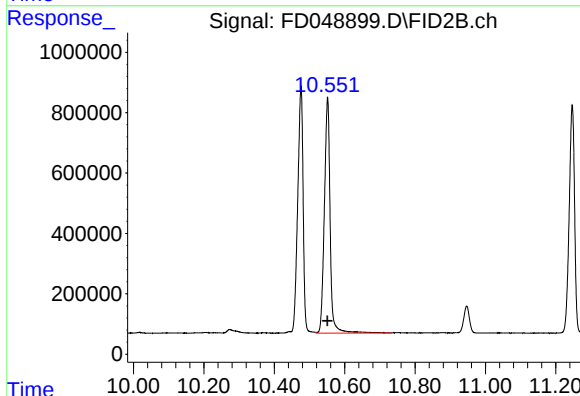
ClientSampleId :

PB165775BS

Manual Integrations

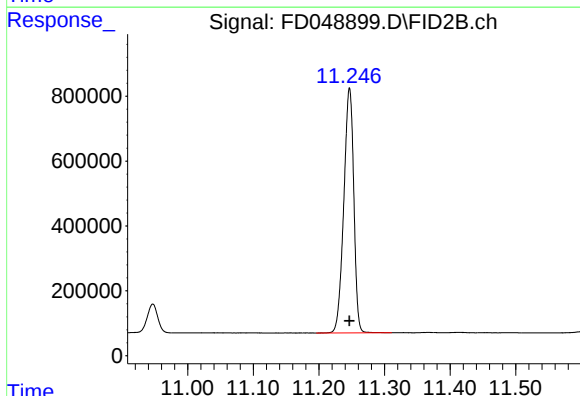
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



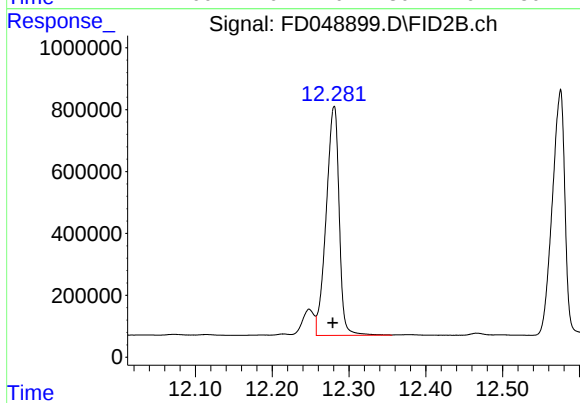
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.000 min
Response: 8869696
Conc: 52.26 ug/ml



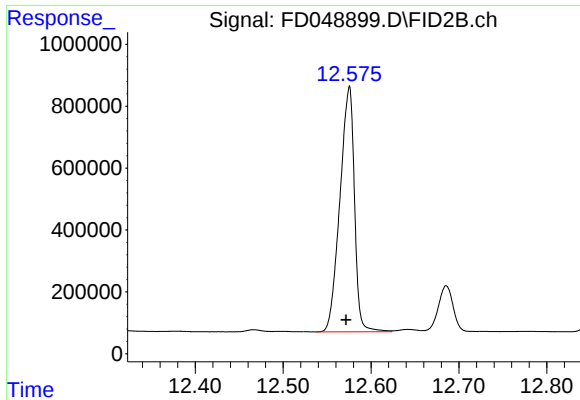
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 7987359
Conc: 44.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.281 min
Delta R.T.: 0.002 min
Response: 8660485
Conc: 52.91 ug/ml m



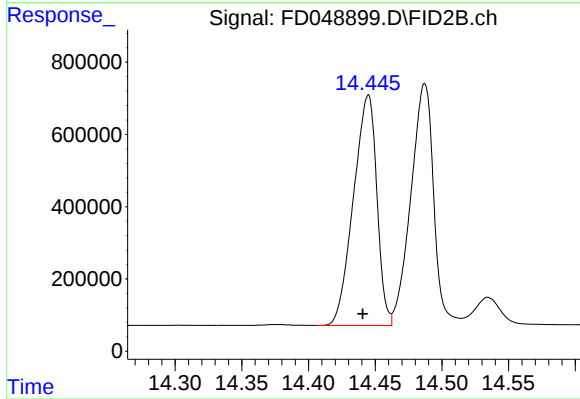
#13 Pyrene (C20.8)

R.T.: 12.574 min
Delta R.T.: 0.003 min
Response: 9122601
Conc: 56.09 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165775BS

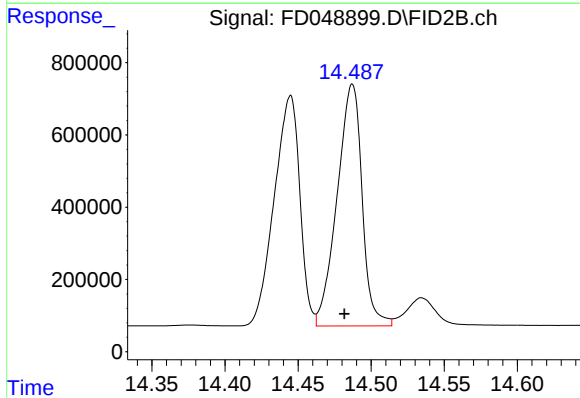
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



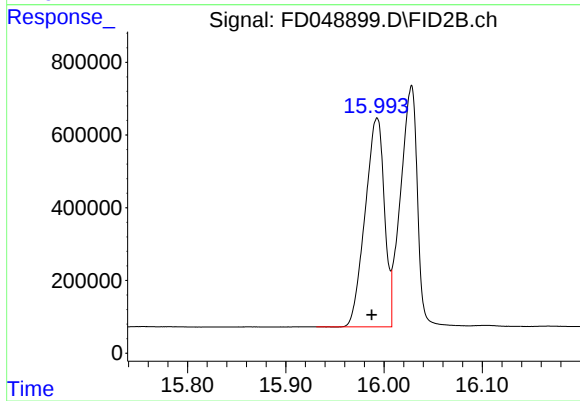
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.444 min
Delta R.T.: 0.004 min
Response: 7786261
Conc: 58.94 ug/ml



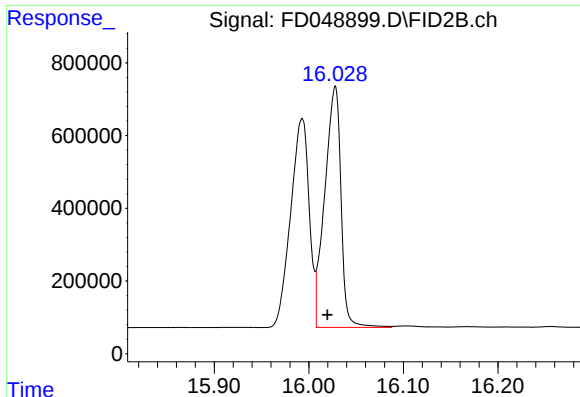
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: 0.005 min
Response: 7970670
Conc: 49.37 ug/ml



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

R.T.: 15.993 min
Delta R.T.: 0.005 min
Response: 7844868
Conc: 58.27 ug/ml



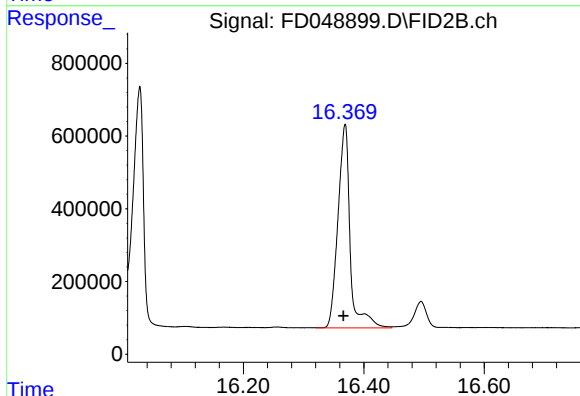
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.027 min
Delta R.T.: 0.008 min
Response: 7920356
Conc: 52.00 ug/ml

Instrument :
FID_D
ClientSampleId :
PB165775BS

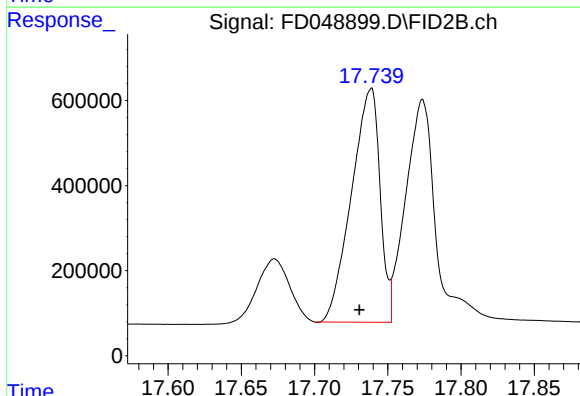
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



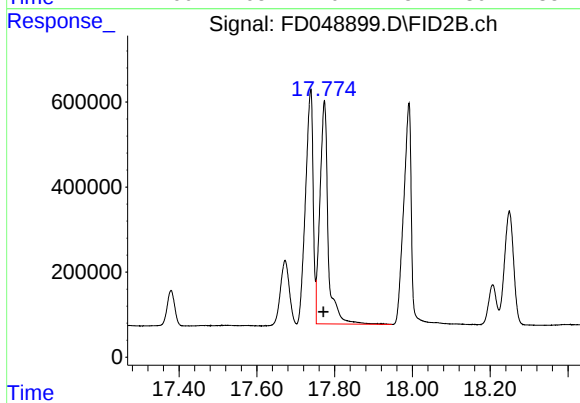
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: 0.002 min
Response: 7875529
Conc: 56.94 ug/ml



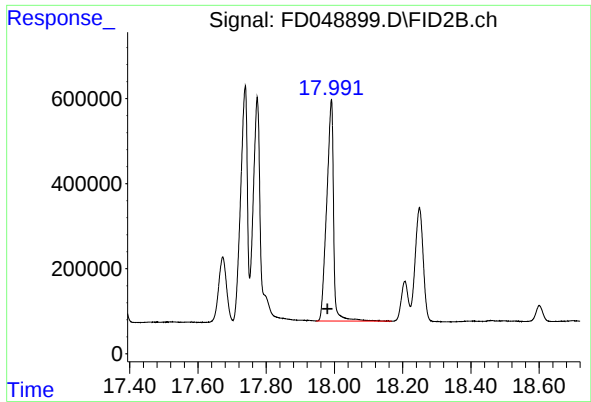
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: 0.007 min
Response: 7465507
Conc: 70.05 ug/ml



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

R.T.: 17.773 min
Delta R.T.: 0.002 min
Response: 7743038
Conc: 53.39 ug/ml



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

R.T.: 17.990 min
Delta R.T.: 0.011 min
Response: 7312960
Conc: 52.16 ug/ml

Instrument :

FID_D

ClientSampleId :

PB165775BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024