

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047664.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2024 04:17
 Operator : YP/AJ
 Sample : PB160748BS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB160748BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/08/2024

Supervised By :Ankita Jodhani 05/08/2024

Integration File: autoint1.e

Quant Time: May 08 07:51:21 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...	7.461	7233499	46.124 ug/ml
Spiked Amount 50.000		Recovery =	92.25%
6) S 2-Fluorobiphenyl (SURR)	8.315	4694109	44.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.75%
11) S ortho-Terphenyl (SURR)	11.356	7236845	38.590 ug/ml
Spiked Amount 50.000		Recovery =	77.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	5634762	34.851 ug/ml
2) T Naphthalene (C11.7)	5.799	6406583	37.863 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	6523971	38.299 ug/ml
5) T Acenaphthylene (C15.06)	8.119	6844730	41.970 ug/ml
7) T Acenaphthene (C15.5)	8.414	6711805	39.928 ug/ml
8) T Flouorene (C16.55)	9.193	6974452	41.928 ug/ml
9) T Phenanthrene (C19.36)	10.584	7292283	44.542 ug/ml
10) T Anthracene (C19.43)	10.660	7223701	48.227 ug/ml
12) T Fluoranthene (C21.85)	12.392	7715674	46.499 ug/ml
13) T Pyrene (C20.8)	12.687	7865852	48.343 ug/ml
14) T Benzo[a]anthracene (C...	14.557	7441485	50.979 ug/ml
15) T Chrysene (C27.41)	14.600	7449839	47.275 ug/ml
16) T benzo[b]fluoranthene ...	16.105	7336522	49.120 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	7230655	48.028 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.482	7052898	48.879 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	7302066	53.803 ug/ml
20) T Dibenz[a,h]anthracene...	17.887	6859925	47.913 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	6659824	48.507 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
Data File : FD047664.D
Signal(s) : FID2B.ch
Acq On : 08 May 2024 04:17
Operator : YP/AJ
Sample : PB160748BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

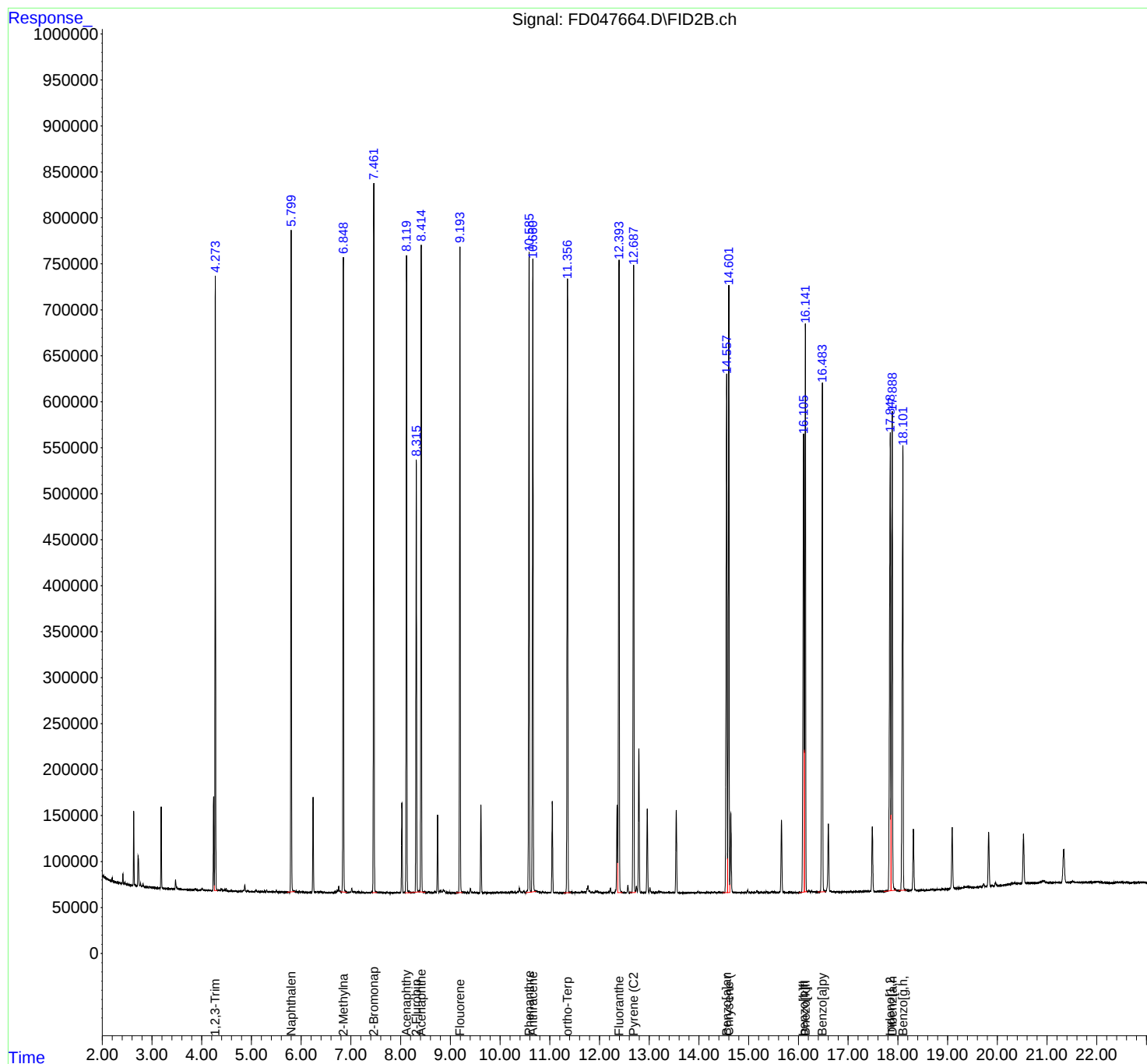
Instrument :
FID_D
ClientSampleId :
PB160748BS

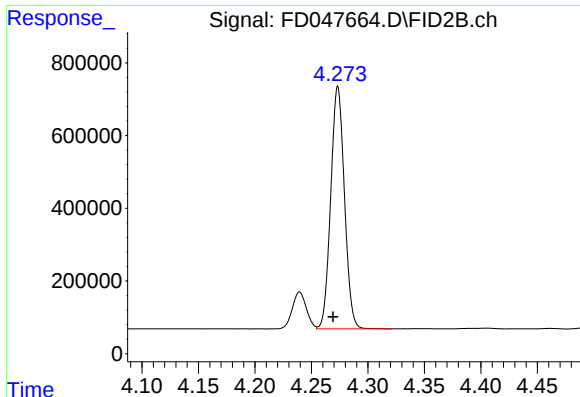
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024

Integration File: autoint1.e
Quant Time: May 08 07:51:21 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: 5634762
Conc: 34.85 ug/ml

Instrument :

FID_D

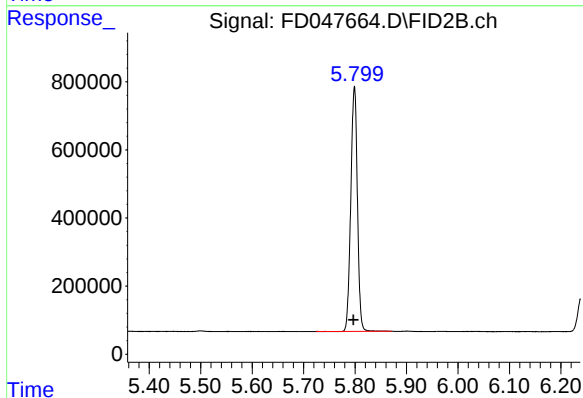
ClientSampleId :

PB160748BS

Manual Integrations

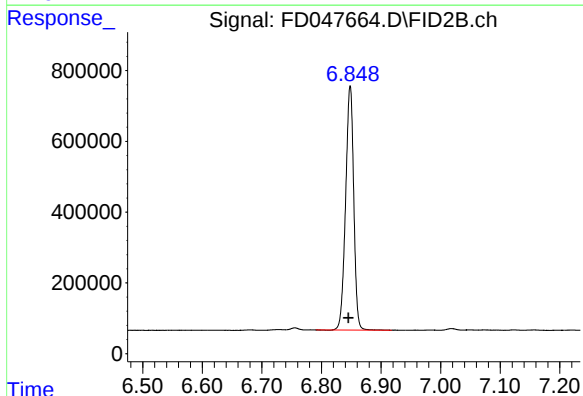
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



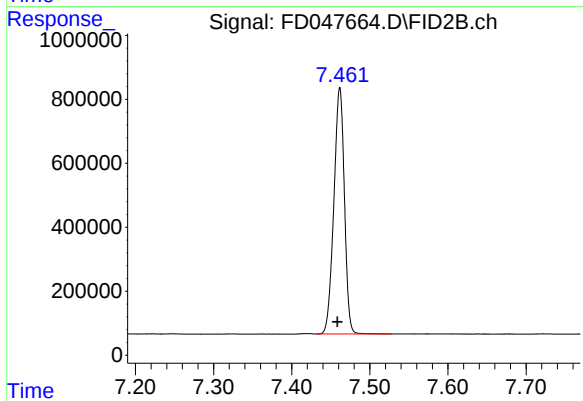
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 6406583
Conc: 37.86 ug/ml



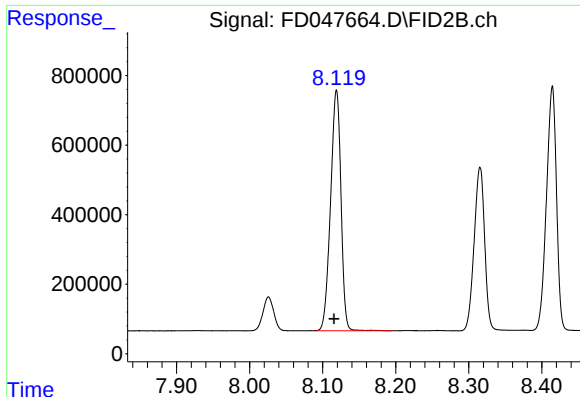
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.003 min
Response: 6523971
Conc: 38.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min
Delta R.T.: 0.003 min
Response: 7233499
Conc: 46.12 ug/ml



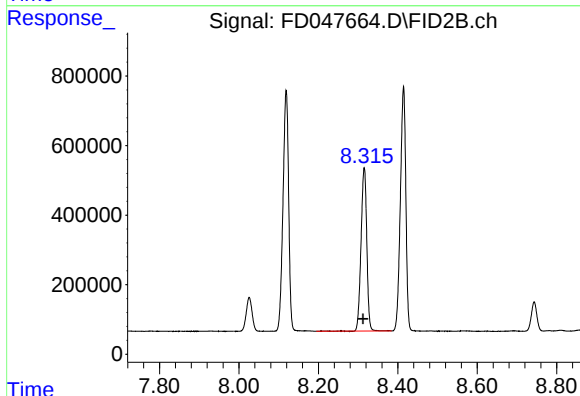
#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
Delta R.T.: 0.003 min
Response: 6844730
Conc: 41.97 ug/ml

Instrument :
FID_D
ClientSampleId :
PB160748BS

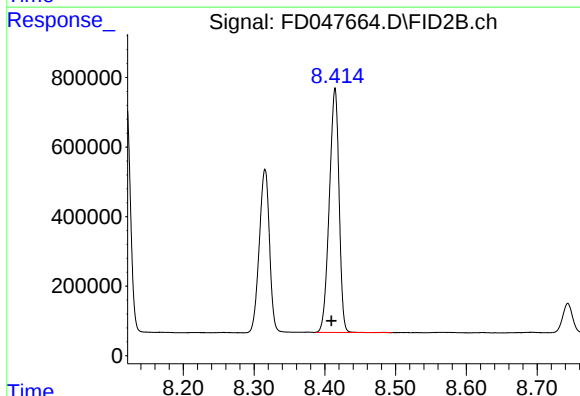
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



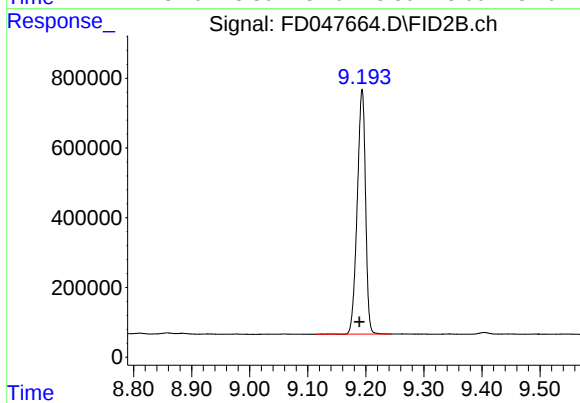
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.003 min
Response: 4694109
Conc: 44.88 ug/ml



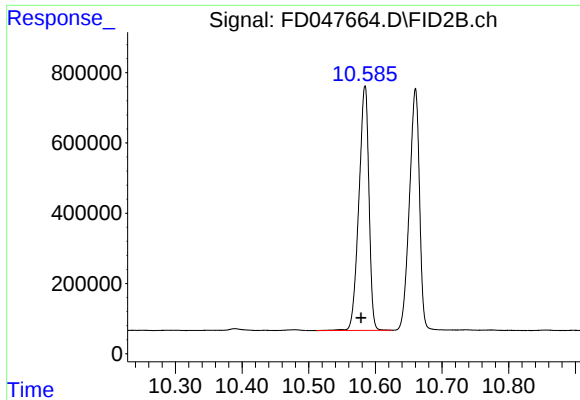
#7 Acenaphthene (C15.5)

R.T.: 8.414 min
Delta R.T.: 0.005 min
Response: 6711805
Conc: 39.93 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.193 min
Delta R.T.: 0.004 min
Response: 6974452
Conc: 41.93 ug/ml



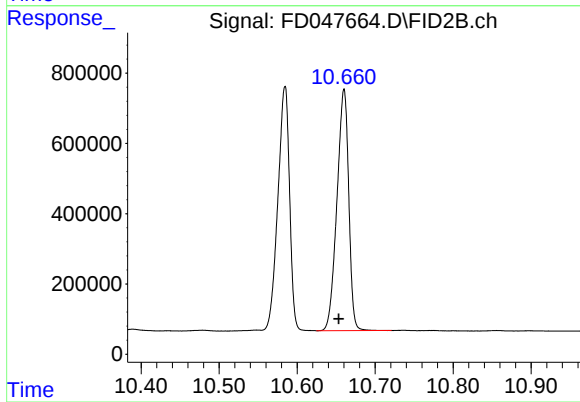
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.006 min
Response: 7292283
Conc: 44.54 ug/ml

Instrument :
FID_D
ClientSampleId :
PB160748BS

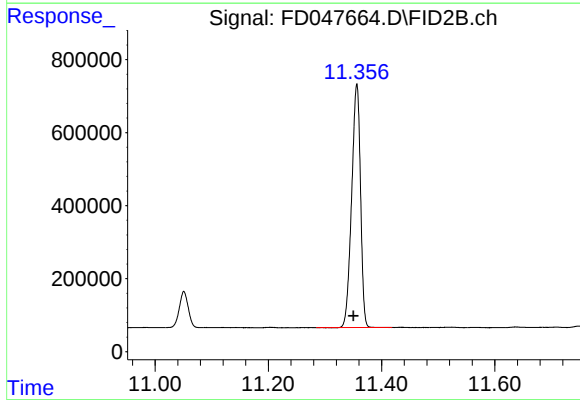
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



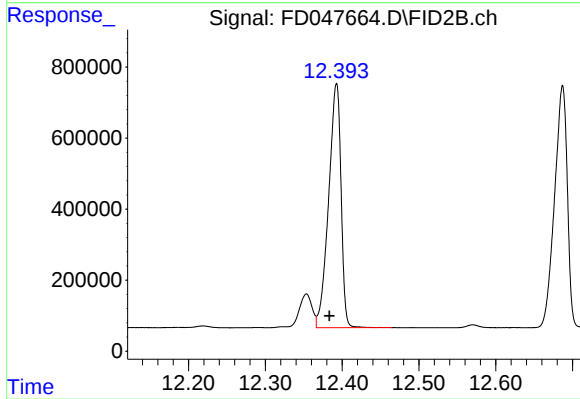
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.007 min
Response: 7223701
Conc: 48.23 ug/ml



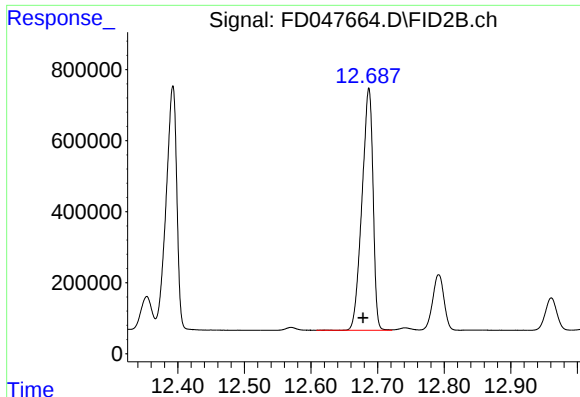
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.006 min
Response: 7236845
Conc: 38.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.392 min
Delta R.T.: 0.009 min
Response: 7715674
Conc: 46.50 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.687 min
Delta R.T.: 0.008 min
Response: 7865852
Conc: 48.34 ug/ml

Instrument :

FID_D

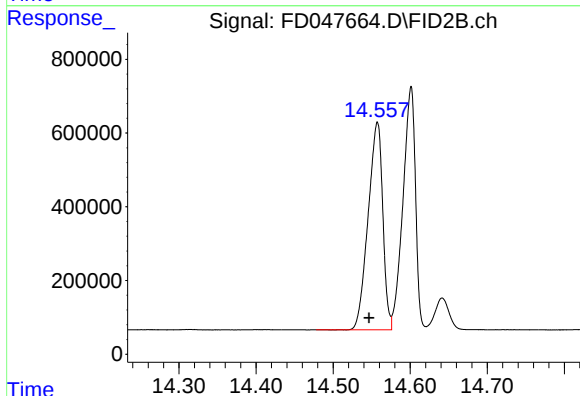
ClientSampleId :

PB160748BS

Manual Integrations

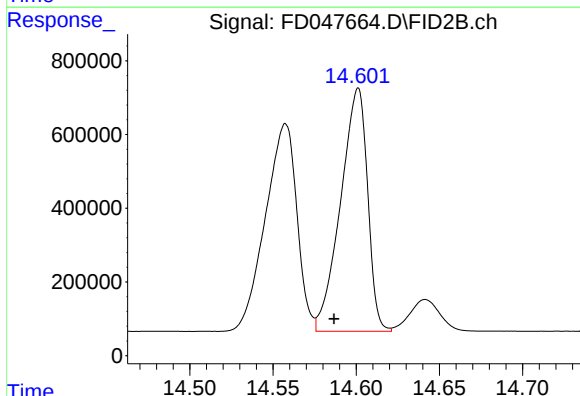
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



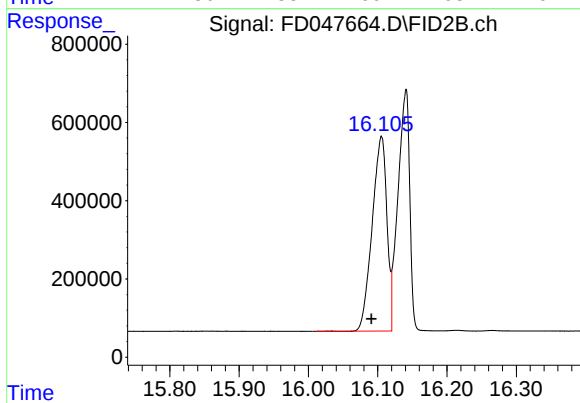
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.010 min
Response: 7441485
Conc: 50.98 ug/ml



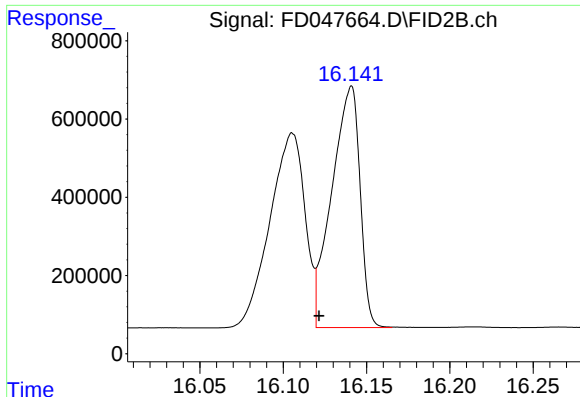
#15 Chrysene (C27.41)

R.T.: 14.600 min
Delta R.T.: 0.014 min
Response: 7449839
Conc: 47.28 ug/ml



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

R.T.: 16.105 min
Delta R.T.: 0.014 min
Response: 7336522
Conc: 49.12 ug/ml



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

R.T.: 16.141 min
Delta R.T.: 0.019 min
Response: 7230655
Conc: 48.03 ug/ml

Instrument :

FID_D

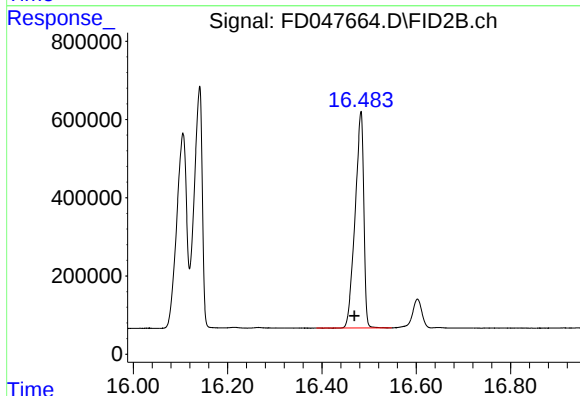
ClientSampleId :

PB160748BS

Manual Integrations

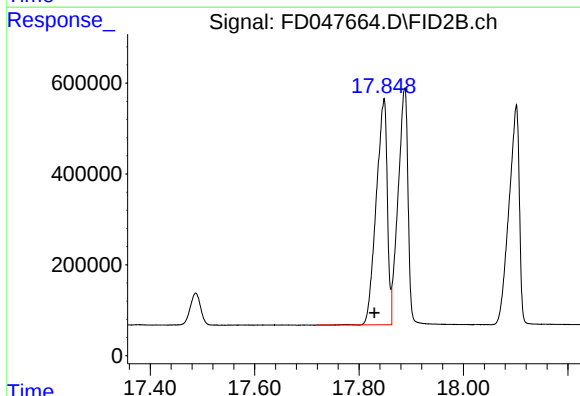
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024



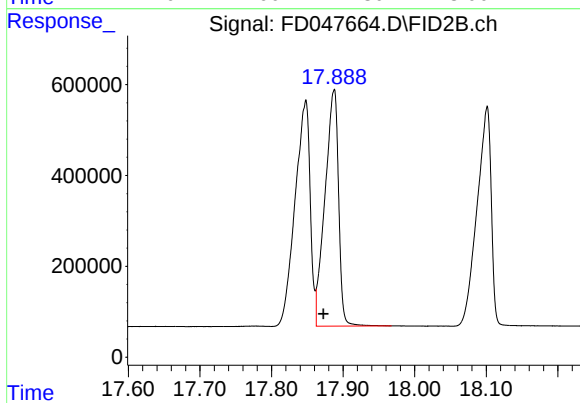
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: 0.013 min
Response: 7052898
Conc: 48.88 ug/ml



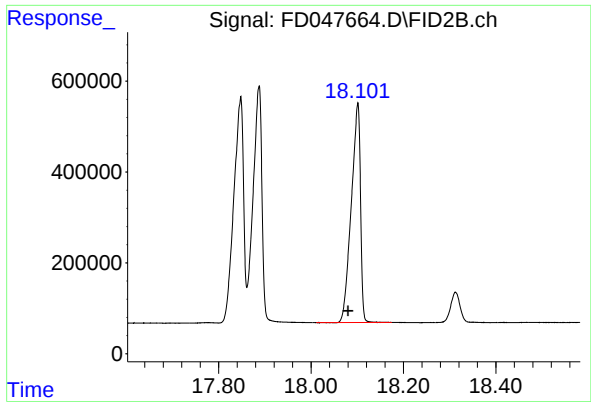
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.017 min
Response: 7302066
Conc: 53.80 ug/ml



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

R.T.: 17.887 min
Delta R.T.: 0.014 min
Response: 6859925
Conc: 47.91 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.020 min
Response: 6659824
Conc: 48.51 ug/ml

Instrument :
FID_D
ClientSampleId :
PB160748BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :Ankita Jodhani 05/08/2024