

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049562.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2025 02:29
 Operator : YP/AJ
 Sample : PB168877BSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168877BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E
 Quant Time: Jul 17 07:19:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 2025
 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...	7.738	6923255	52.916 ug/ml
Spiked Amount 50.000		Recovery =	105.83%
6) S 2-Fluorobiphenyl (SURR)	8.604	4767084	51.445 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.89%
11) S ortho-Terphenyl (SURR)	11.647	6922757	42.220 ug/ml
Spiked Amount 50.000		Recovery =	84.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	4369996	33.826 ug/ml
2) T Naphthalene (C11.7)	6.074	5538378	37.841 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	5523627	36.373 ug/ml
5) T Acenaphthylene (C15.06)	8.407	6619237	41.700 ug/ml
7) T Acenaphthene (C15.5)	8.703	6721366	42.452 ug/ml
8) T Flouorene (C16.55)	9.485	7119532	44.568 ug/ml
9) T Phenanthrene (C19.36)	10.882	7221629	44.087 ug/ml
10) T Anthracene (C19.43)	10.957	6540669	41.061 ug/ml
12) T Fluoranthene (C21.85)	12.698	7193150	44.254 ug/ml
13) T Pyrene (C20.8)	12.996	7122029	43.884 ug/ml
14) T Benzo[a]anthracene (C...	14.867	6739091	46.016 ug/ml
15) T Chrysene (C27.41)	14.912	7292822	49.003 ug/ml
16) T benzo[b]fluoranthene ...	16.419	6499386	45.871 ug/ml
17) T Bnezo[k]fluoranthene ...	16.454	6409241	47.943 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.799	6118577	44.440 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.166	6327174	50.518 ug/ml
20) T Dibenz[a,h]anthracene...	18.204	5728516	43.483 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.422	5778147	43.660 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
Data File : FD049562.D
Signal(s) : FID2B.ch
Acq On : 17 Jul 2025 02:29
Operator : YP/AJ
Sample : PB168877BSD
Misc :
ALS Vial : 72 Sample Multiplier: 1

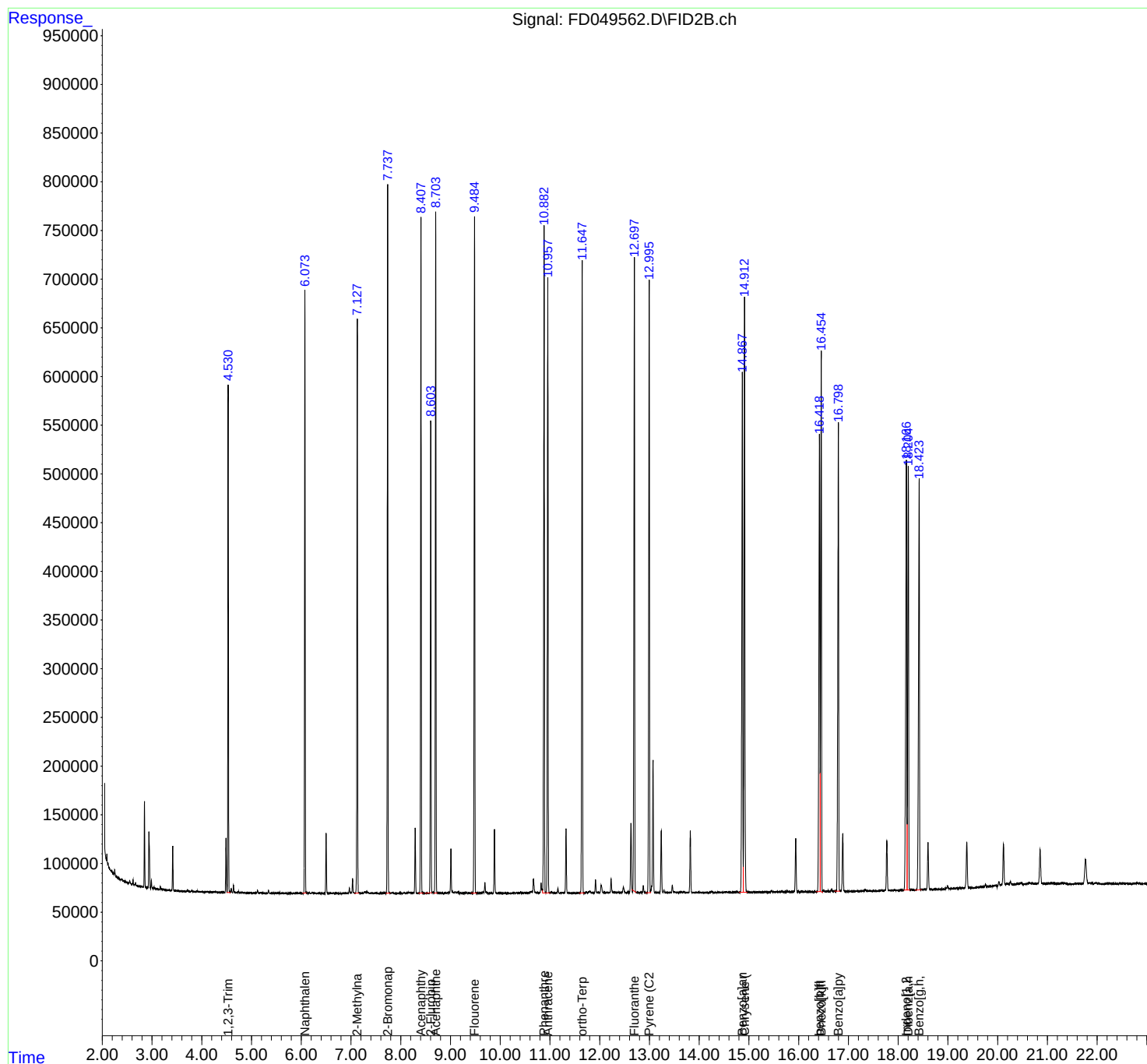
Instrument :
FID_D
ClientSampleId :
PB168877BSD

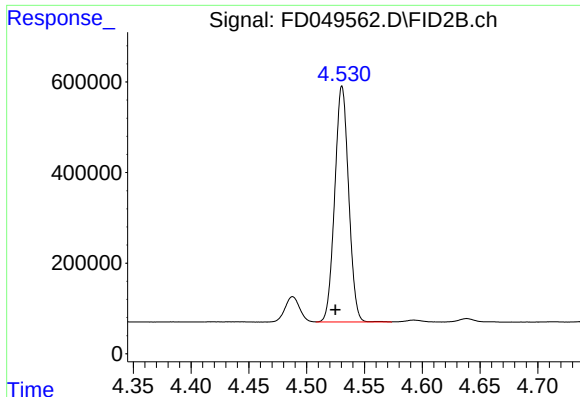
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E
Quant Time: Jul 17 07:19:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
Quant Title : GC Extractables
QLast Update : Tue Jul 15 12:32:40 2025
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.: 4.531 min
Delta R.T.: 0.006 min
Response: 4369996
Conc: 33.83 ug/ml

Instrument :

FID_D

ClientSampleId :

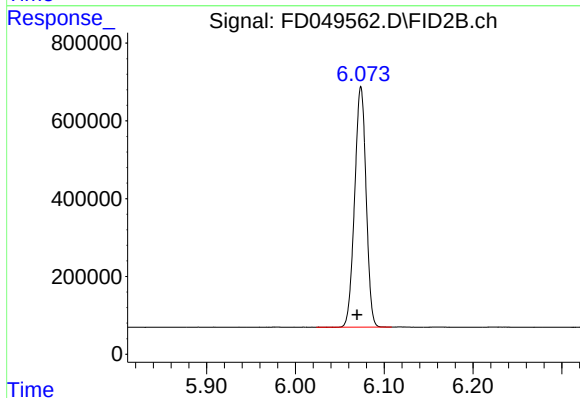
PB168877BSD

Manual Integrations

APPROVED

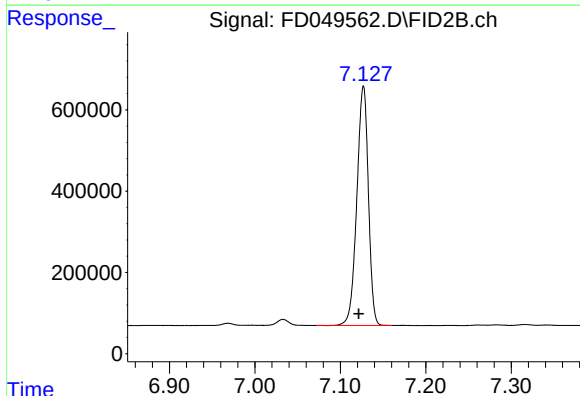
Reviewed By :Yogesh Patel 07/17/2025

Supervised By :mohammad ahmed 07/18/2025



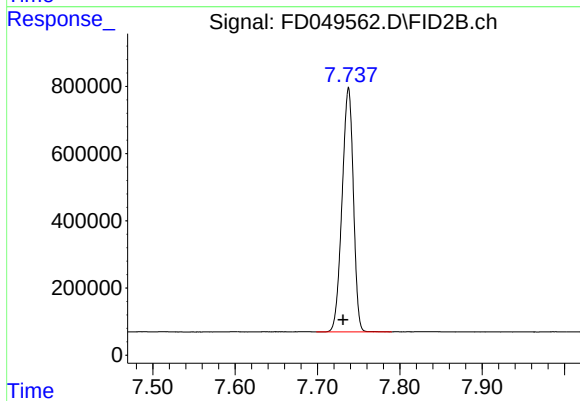
#2 Naphthalene (C11.7)

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 5538378
Conc: 37.84 ug/ml



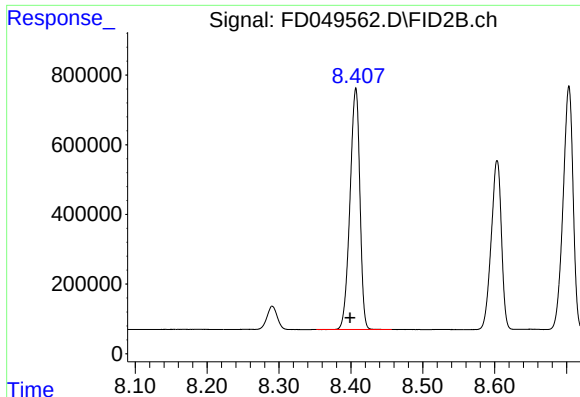
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.005 min
Response: 5523627
Conc: 36.37 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.738 min
Delta R.T.: 0.006 min
Response: 6923255
Conc: 52.92 ug/ml



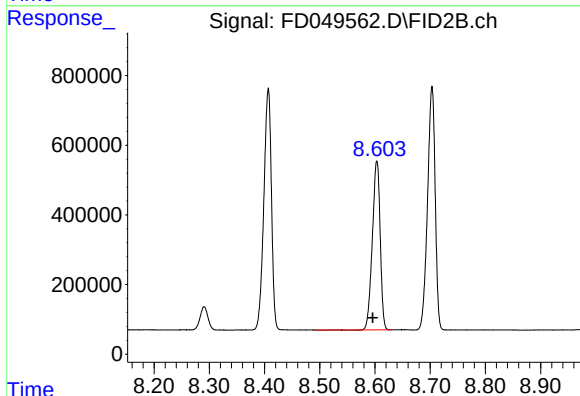
#5 Acenaphthylene (C15.06)

R.T.: 8.407 min
Delta R.T.: 0.008 min
Response: 6619237
Conc: 41.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168877BSD

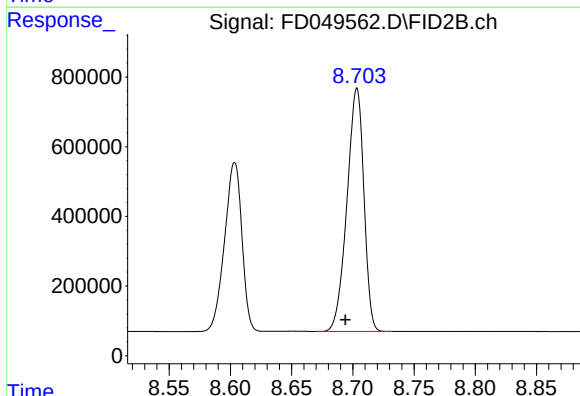
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/17/2025
Supervised By :mohammad ahmed 07/18/2025



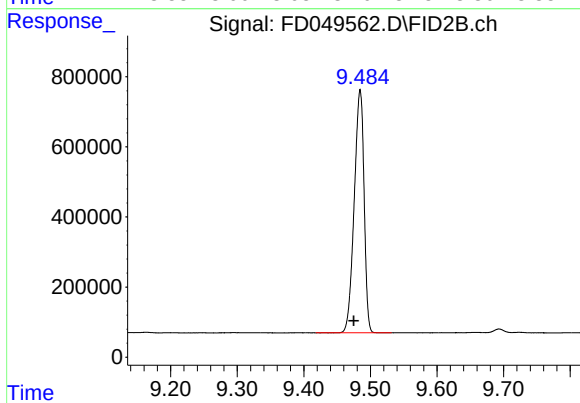
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.604 min
Delta R.T.: 0.008 min
Response: 4767084
Conc: 51.45 ug/ml



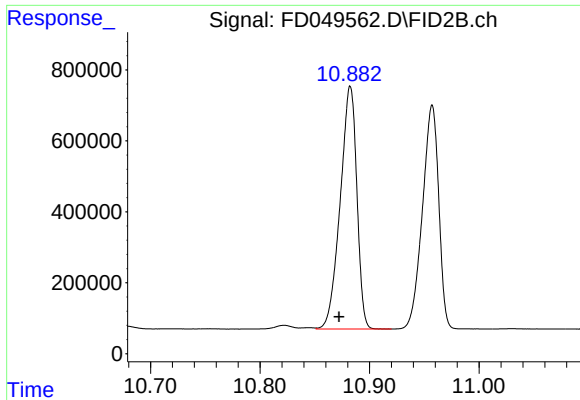
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.009 min
Response: 6721366
Conc: 42.45 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.485 min
Delta R.T.: 0.009 min
Response: 7119532
Conc: 44.57 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.882 min
Delta R.T.: 0.010 min
Response: 7221629
Conc: 44.09 ug/ml

Instrument :

FID_D

ClientSampleId :

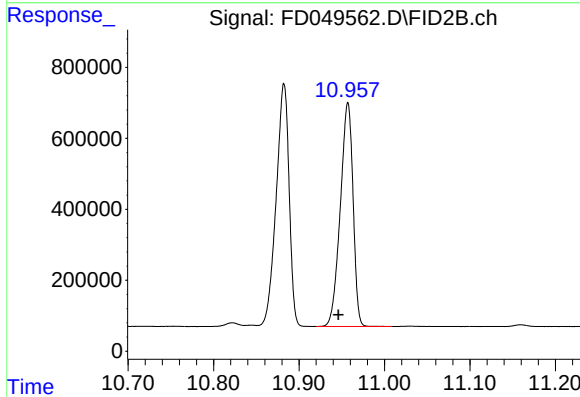
PB168877BSD

Manual Integrations

APPROVED

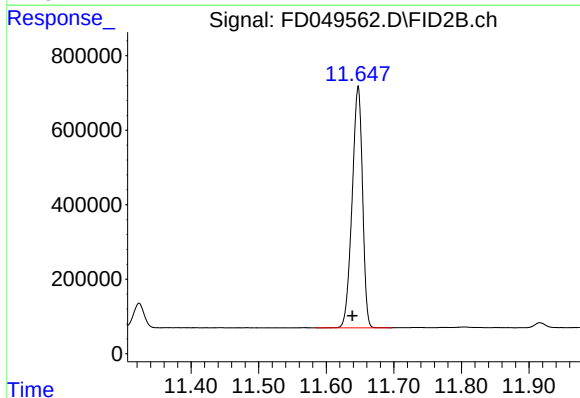
Reviewed By :Yogesh Patel 07/17/2025

Supervised By :mohammad ahmed 07/18/2025



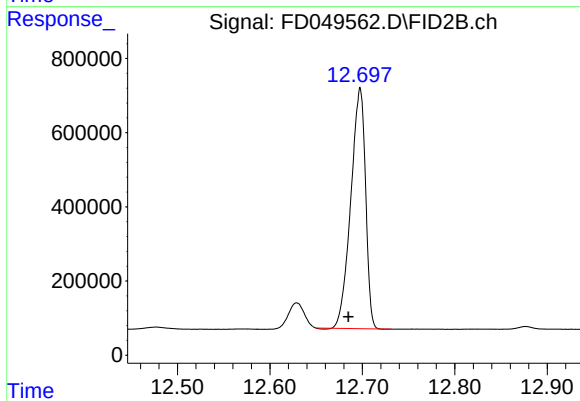
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.011 min
Response: 6540669
Conc: 41.06 ug/ml



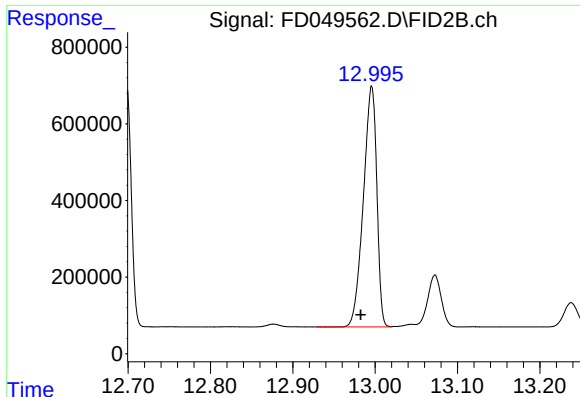
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.008 min
Response: 6922757
Conc: 42.22 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.698 min
Delta R.T.: 0.013 min
Response: 7193150
Conc: 44.25 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.996 min
Delta R.T.: 0.013 min
Response: 7122029
Conc: 43.88 ug/ml

Instrument :

FID_D

ClientSampleId :

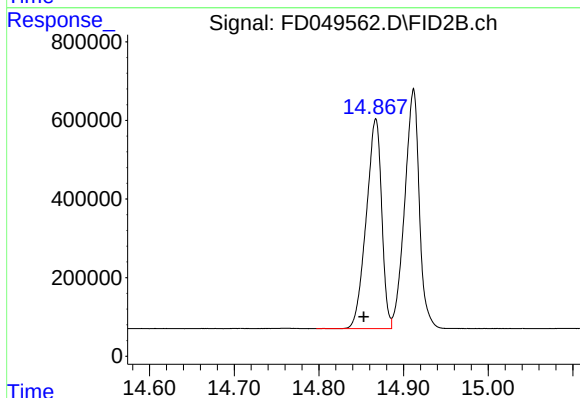
PB168877BSD

Manual Integrations

APPROVED

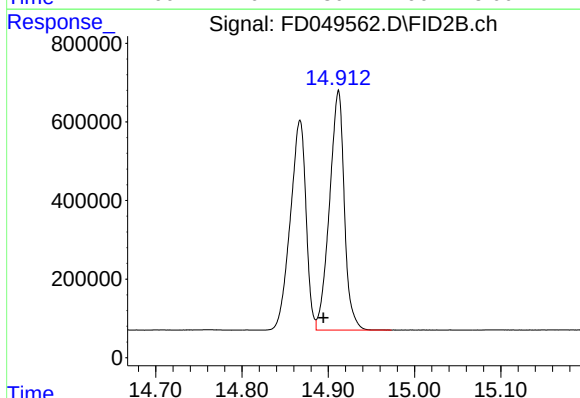
Reviewed By :Yogesh Patel 07/17/2025

Supervised By :mohammad ahmed 07/18/2025



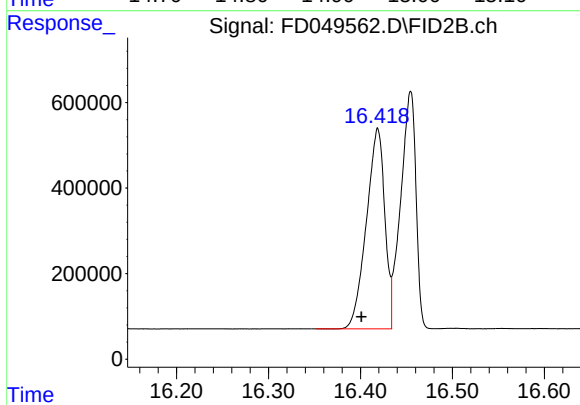
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.867 min
Delta R.T.: 0.014 min
Response: 6739091
Conc: 46.02 ug/ml



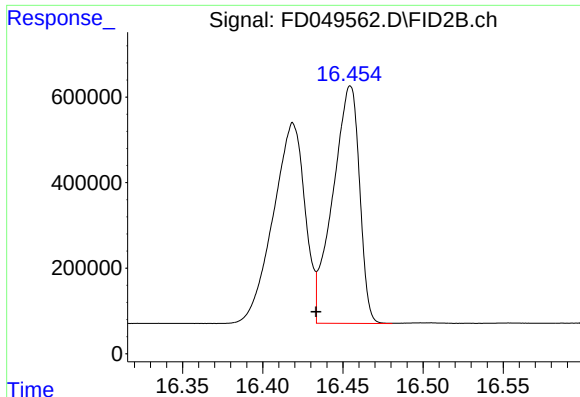
#15 Chrysene (C27.41)

R.T.: 14.912 min
Delta R.T.: 0.018 min
Response: 7292822
Conc: 49.00 ug/ml



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

R.T.: 16.419 min
Delta R.T.: 0.018 min
Response: 6499386
Conc: 45.87 ug/ml



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

R.T.: 16.454 min
Delta R.T.: 0.021 min
Response: 6409241
Conc: 47.94 ug/ml

Instrument :

FID_D

ClientSampleId :

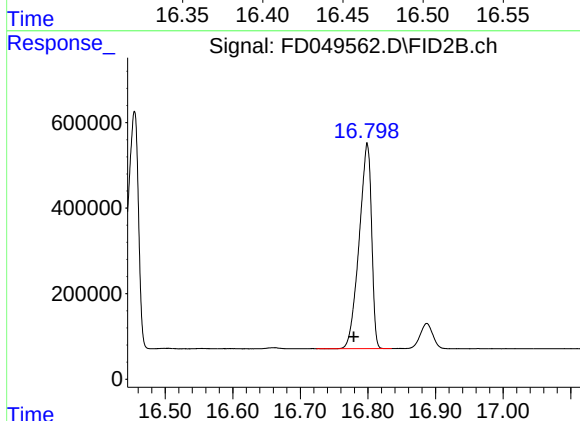
PB168877BSD

Manual Integrations

APPROVED

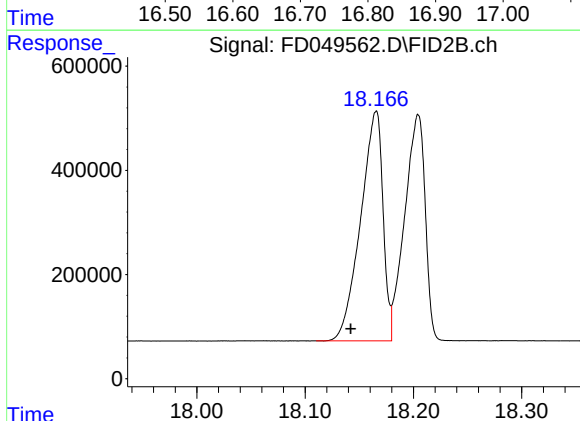
Reviewed By :Yogesh Patel 07/17/2025

Supervised By :mohammad ahmed 07/18/2025



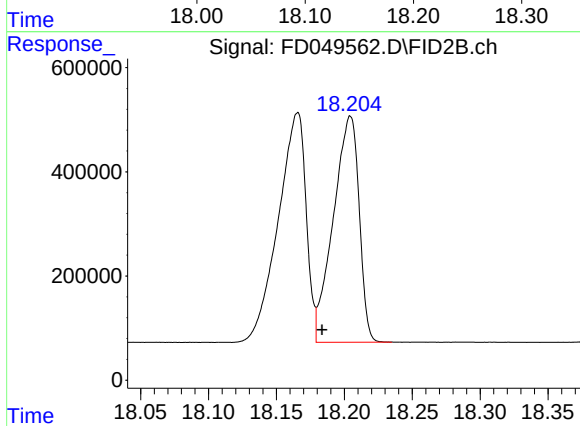
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.799 min
Delta R.T.: 0.020 min
Response: 6118577
Conc: 44.44 ug/ml



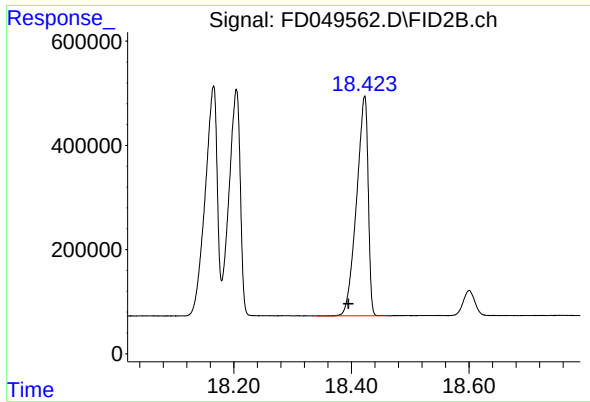
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.166 min
Delta R.T.: 0.023 min
Response: 6327174
Conc: 50.52 ug/ml



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

R.T.: 18.204 min
Delta R.T.: 0.020 min
Response: 5728516
Conc: 43.48 ug/ml m



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

R.T.: 18.422 min
Delta R.T.: 0.028 min
Response: 5778147
Conc: 43.66 ug/ml

Instrument :

FID_D

ClientSampleId :

PB168877BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/17/2025

Supervised By :mohammad ahmed 07/18/2025