

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
 Data File : FD049622.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2025 16:32
 Operator : YP/AJ
 Sample : Q2743-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WC1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/13/2025

Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e

Quant Time: Aug 13 00:30:43 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M

Quant Title : GC Extractables

Qlast Update : Mon Aug 11 14:11:57 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...	7.716	5117515	49.933 ug/ml
Spiked Amount 50.000		Recovery =	99.87%
6) S 2-Fluorobiphenyl (SURR)	8.582	3645141	49.902 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.80%
11) S ortho-Terphenyl (SURR)	11.626	4308988	33.198 ug/ml
Spiked Amount 50.000		Recovery =	66.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	3175919	31.376 ug/ml
2) T Naphthalene (C11.7)	6.050	3854419	33.616 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	3830750	32.112 ug/ml
5) T Acenaphthylene (C15.06)	8.384	4540202	36.116 ug/ml
7) T Acenaphthene (C15.5)	8.681	4547311	36.166 ug/ml
8) T Flouorene (C16.55)	9.462	4861714	38.399 ug/ml
9) T Phenanthrene (C19.36)	10.861	5344860	41.376 ug/ml
10) T Anthracene (C19.43)	10.937	5079066	41.228 ug/ml
12) T Fluoranthene (C21.85)	12.677	5758653	44.984 ug/ml
13) T Pyrene (C20.8)	12.976	5704930	44.933 ug/ml
14) T Benzo[a]anthracene (C...	14.848	5197374	45.040 ug/ml
15) T Chrysene (C27.41)	14.892	5761296	49.207 ug/ml
16) T benzo[b]fluoranthene ...	16.400	5053964	44.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.434	4721146	44.103 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.780	4757245	42.883 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.146	4792228	46.491 ug/ml
20) T Dibenz[a,h]anthracene...	18.183	4275922	39.229 ug/ml
21) T Benzo[g,h,i]perylene ...	18.401	4163601	38.102 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081225AR\
Data File : FD049622.D
Signal(s) : FID2B.ch
Acq On : 12 Aug 2025 16:32
Operator : YP/AJ
Sample : Q2743-01MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

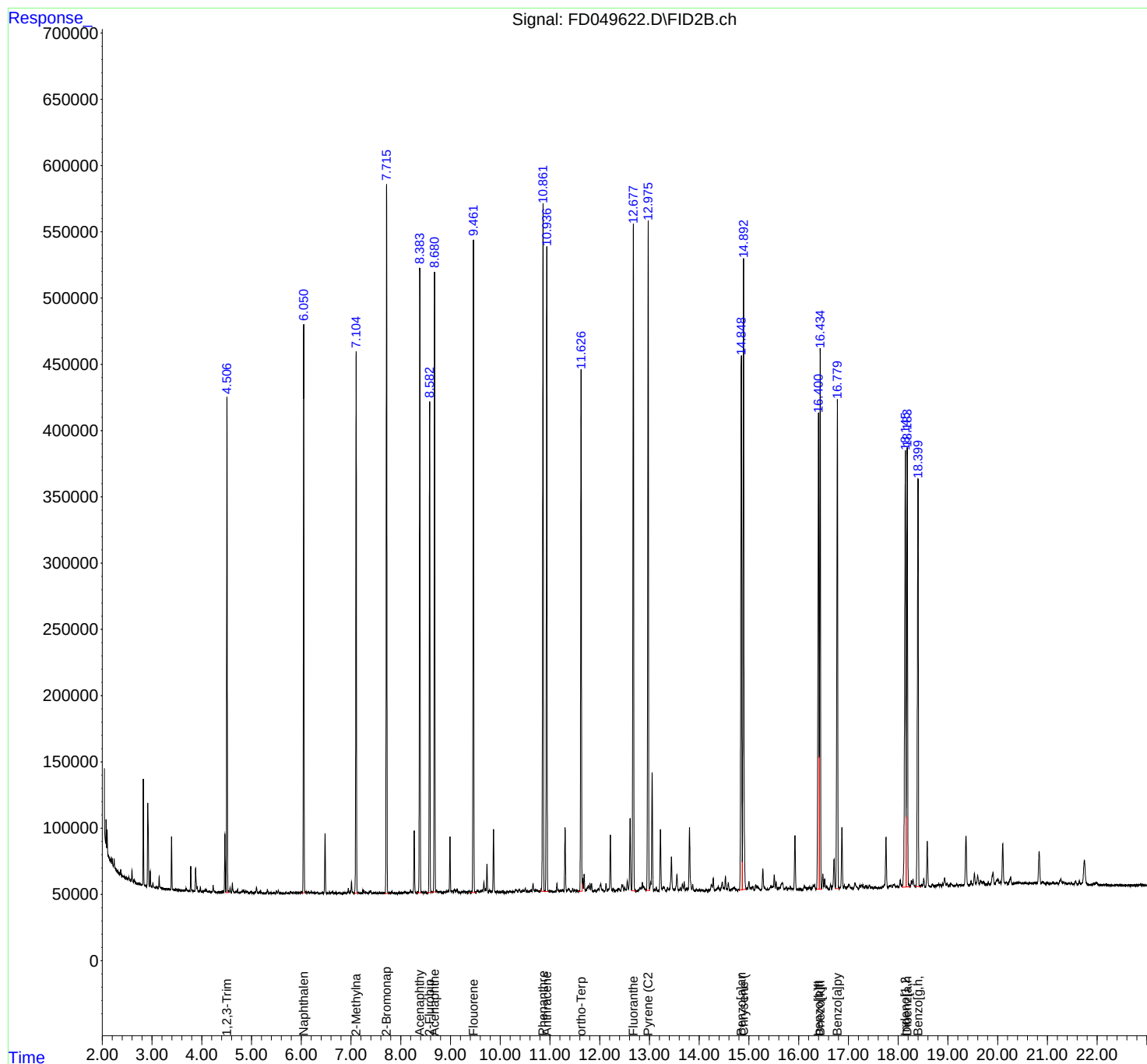
Instrument :
FID_D
ClientSampleId :
WC1MSD

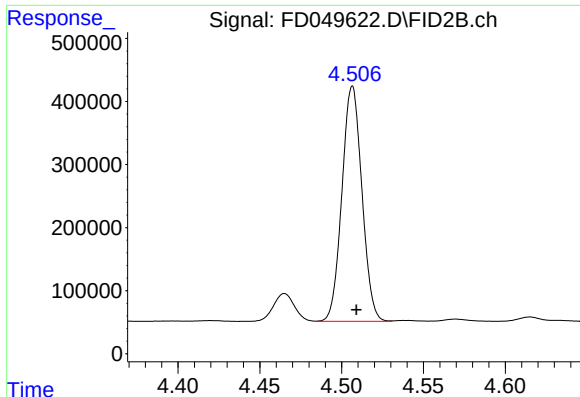
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025

Integration File: autoint1.e
Quant Time: Aug 13 00:30:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
Quant Title : GC Extractables
QLast Update : Mon Aug 11 14:11:57 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.: 4.507 min
Delta R.T.: -0.002 min
Response: 3175919
Conc: 31.38 ug/ml

Instrument :

FID_D

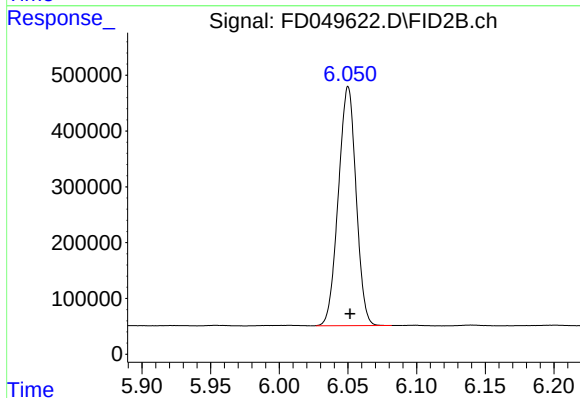
ClientSampleId :

WC1MSD

Manual Integrations

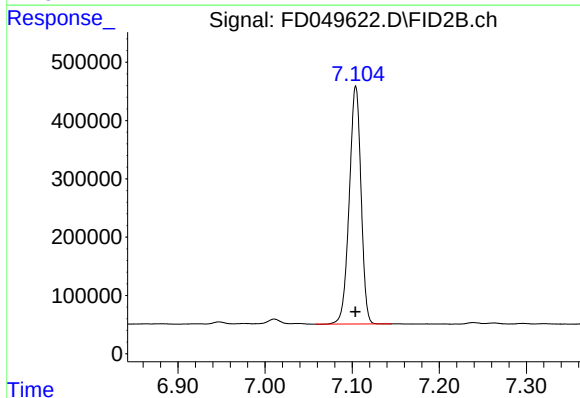
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025



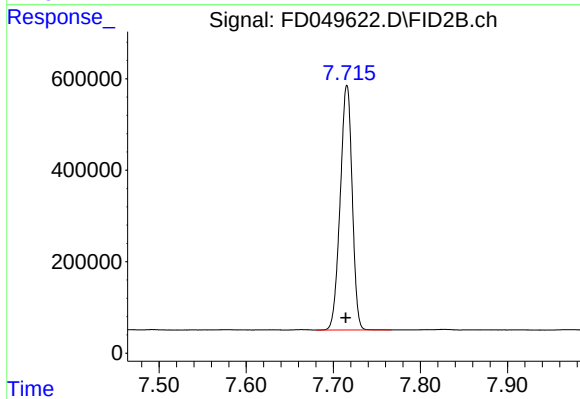
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 3854419
Conc: 33.62 ug/ml



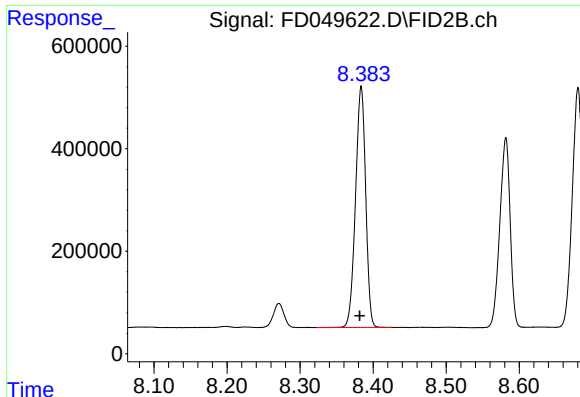
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 3830750
Conc: 32.11 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: 0.001 min
Response: 5117515
Conc: 49.93 ug/ml



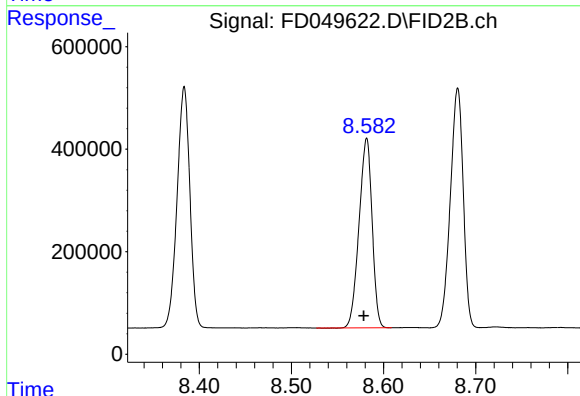
#5 Acenaphthylene (C15.06)

R.T.: 8.384 min
Delta R.T.: 0.002 min
Response: 4540202
Conc: 36.12 ug/ml

Instrument :
FID_D
ClientSampleId :
WC1MSD

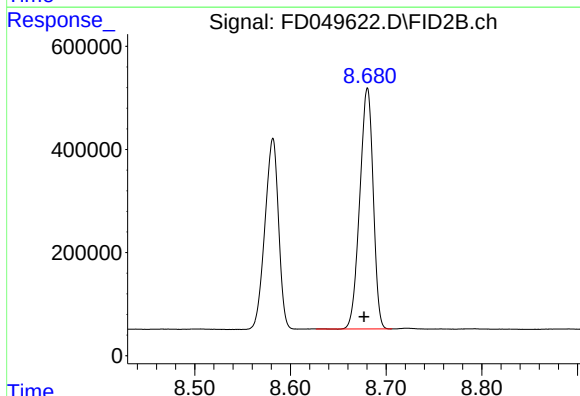
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025



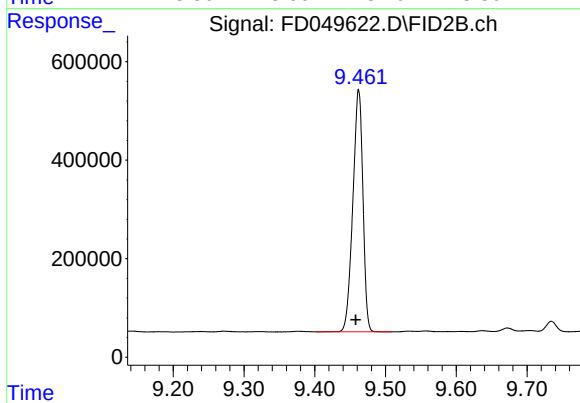
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.582 min
Delta R.T.: 0.003 min
Response: 3645141
Conc: 49.90 ug/ml



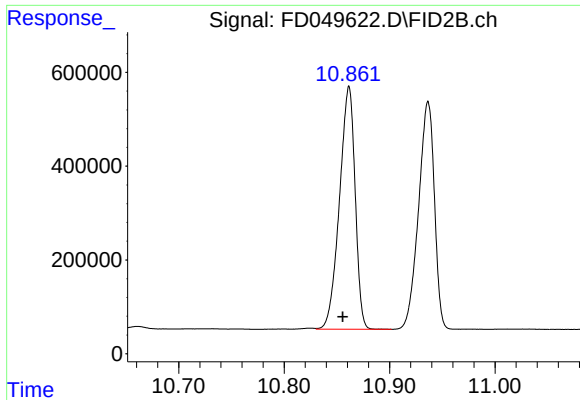
#7 Acenaphthene (C15.5)

R.T.: 8.681 min
Delta R.T.: 0.003 min
Response: 4547311
Conc: 36.17 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.462 min
Delta R.T.: 0.004 min
Response: 4861714
Conc: 38.40 ug/ml



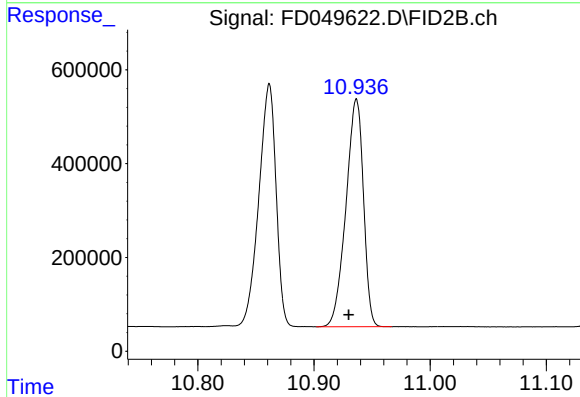
#9 Phenanthrene (C19.36)

R.T.: 10.861 min
Delta R.T.: 0.006 min
Response: 5344860
Conc: 41.38 ug/ml

Instrument :
FID_D
ClientSampleId :
WC1MSD

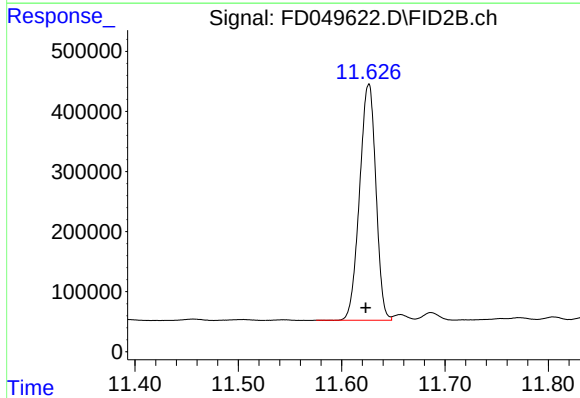
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025



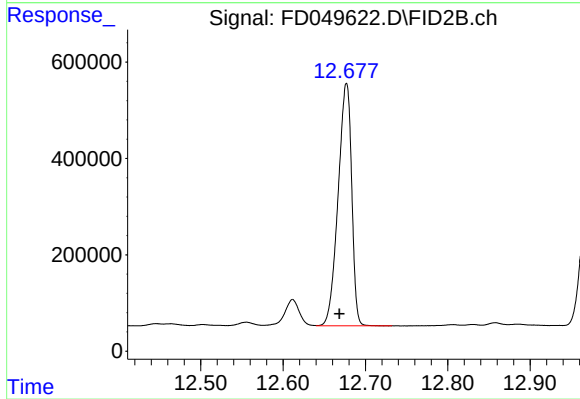
#10 Anthracene (C19.43)

R.T.: 10.937 min
Delta R.T.: 0.007 min
Response: 5079066
Conc: 41.23 ug/ml



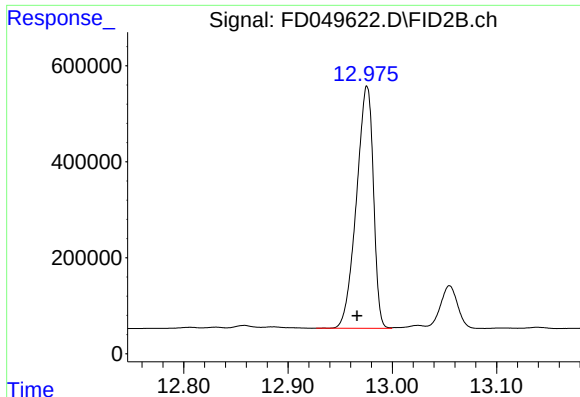
#11 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: 0.003 min
Response: 4308988
Conc: 33.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.677 min
Delta R.T.: 0.008 min
Response: 5758653
Conc: 44.98 ug/ml



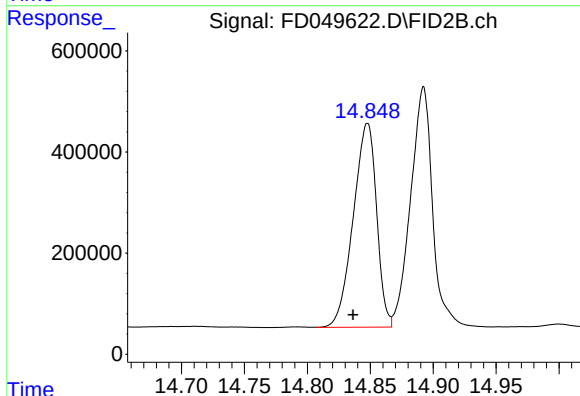
#13 Pyrene (C20.8)

R.T.: 12.976 min
Delta R.T.: 0.010 min
Response: 5704930
Conc: 44.93 ug/ml

Instrument :
FID_D
ClientSampleId :
WC1MSD

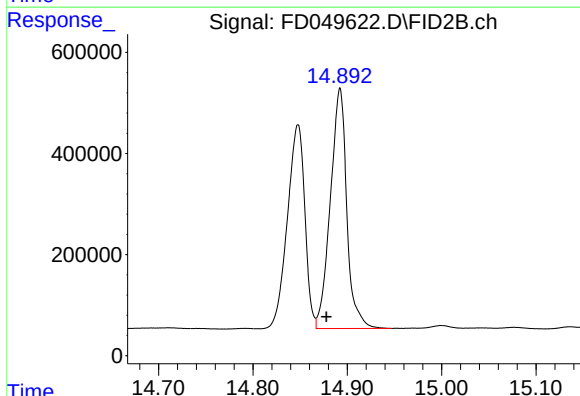
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025



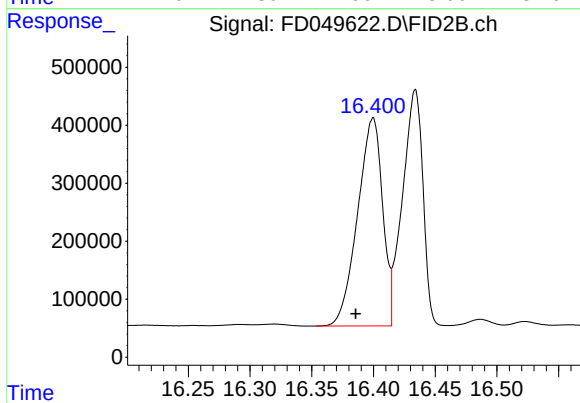
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.848 min
Delta R.T.: 0.011 min
Response: 5197374
Conc: 45.04 ug/ml



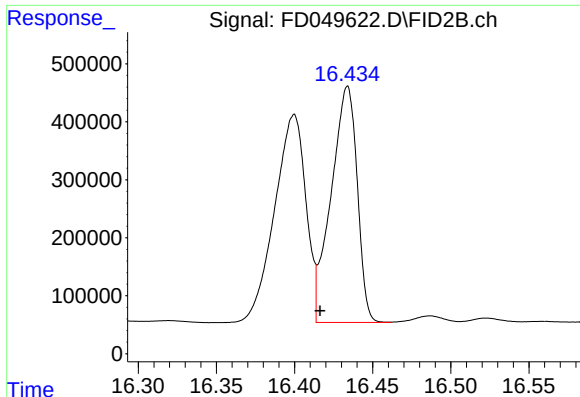
#15 Chrysene (C27.41)

R.T.: 14.892 min
Delta R.T.: 0.014 min
Response: 5761296
Conc: 49.21 ug/ml



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

R.T.: 16.400 min
Delta R.T.: 0.014 min
Response: 5053964
Conc: 44.44 ug/ml



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

R.T.: 16.434 min
Delta R.T.: 0.018 min
Response: 4721146
Conc: 44.10 ug/ml

Instrument :

FID_D

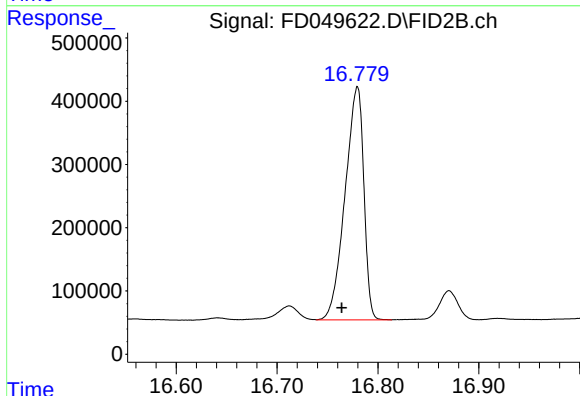
ClientSampleId :

WC1MSD

Manual Integrations

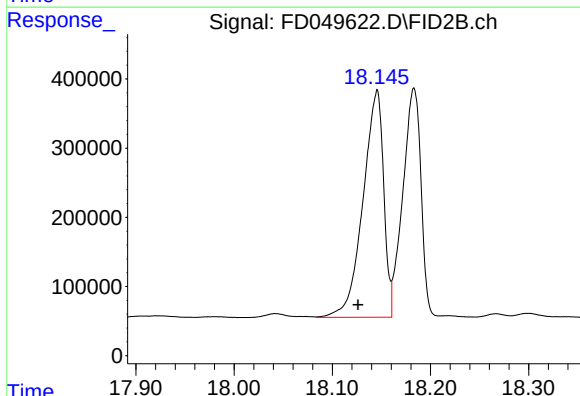
APPROVED

Reviewed By :Yogesh Patel 08/13/2025
Supervised By :mohammad ahmed 08/13/2025



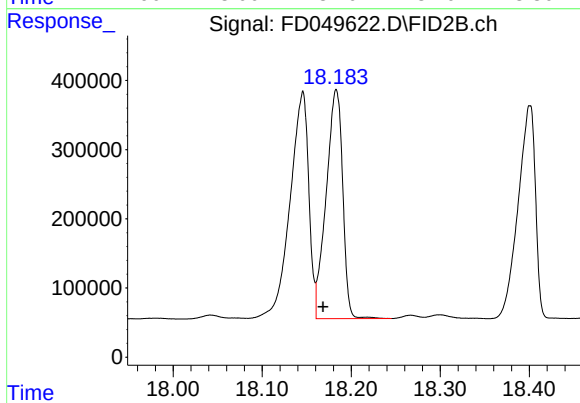
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.780 min
Delta R.T.: 0.015 min
Response: 4757245
Conc: 42.88 ug/ml



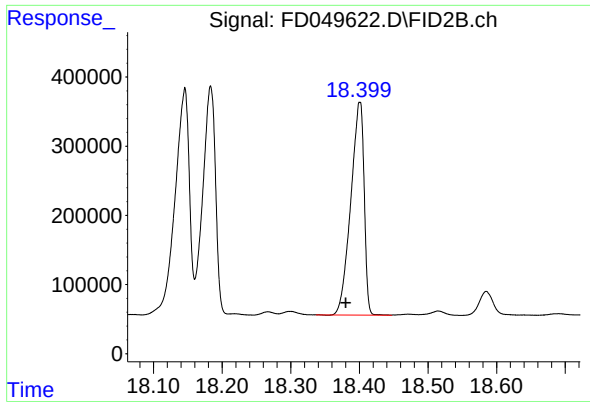
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.146 min
Delta R.T.: 0.019 min
Response: 4792228
Conc: 46.49 ug/ml



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

R.T.: 18.183 min
Delta R.T.: 0.015 min
Response: 4275922
Conc: 39.23 ug/ml



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

R.T.: 18.401 min
Delta R.T.: 0.021 min
Response: 4163601
Conc: 38.10 ug/ml

Instrument :

FID_D

ClientSampleId :

WC1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2025

Supervised By :mohammad ahmed 08/13/2025