

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049647.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 16:31
 Operator : YP/AJ
 Sample : PB169364BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169364BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2025
 Supervised By :mohammad ahmed 08/26/2025

Integration File: sample.E
 Quant Time: Aug 25 01:48:10 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...	7.714	6152246	60.030 ug/ml
Spiked Amount 50.000		Recovery =	120.06%
6) S 2-Fluorobiphenyl (SURR)	8.580	4307433	58.969 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.94%
11) S ortho-Terphenyl (SURR)	11.627	6379155	49.148 ug/ml
Spiked Amount 50.000		Recovery =	98.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.503	3801634	37.558 ug/ml
2) T Naphthalene (C11.7)	6.048	4868562	42.461 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	4908786	41.149 ug/ml
5) T Acenaphthylene (C15.06)	8.383	5956126	47.379 ug/ml
7) T Acenaphthene (C15.5)	8.680	6042933	48.061 ug/ml
8) T Flouorene (C16.55)	9.462	6476002	51.150 ug/ml
9) T Phenanthrene (C19.36)	10.861	6674172	51.667 ug/ml
10) T Anthracene (C19.43)	10.936	5675493	46.070 ug/ml
12) T Fluoranthene (C21.85)	12.677	6865432	53.629 ug/ml
13) T Pyrene (C20.8)	12.976	6743993	53.117 ug/ml
14) T Benzo[a]anthracene (C...	14.849	6362083	55.133 ug/ml
15) T Chrysene (C27.41)	14.894	6940665	59.280 ug/ml
16) T benzo[b]fluoranthene ...	16.401	6287433	55.282 ug/ml
17) T Bnezo[k]fluoranthene ...	16.437	6089129	56.883 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.781	5826139	52.518 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	6042968	58.625 ug/ml
20) T Dibenz[a,h]anthracene...	18.186	5782799	53.054 ug/ml
21) T Benzo[g,h,i]perylene ...	18.405	5460914	49.974 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
Data File : FD049647.D
Signal(s) : FID2B.ch
Acq On : 22 Aug 2025 16:31
Operator : YP/AJ
Sample : PB169364BSD
Misc :
ALS Vial : 62 Sample Multiplier: 1

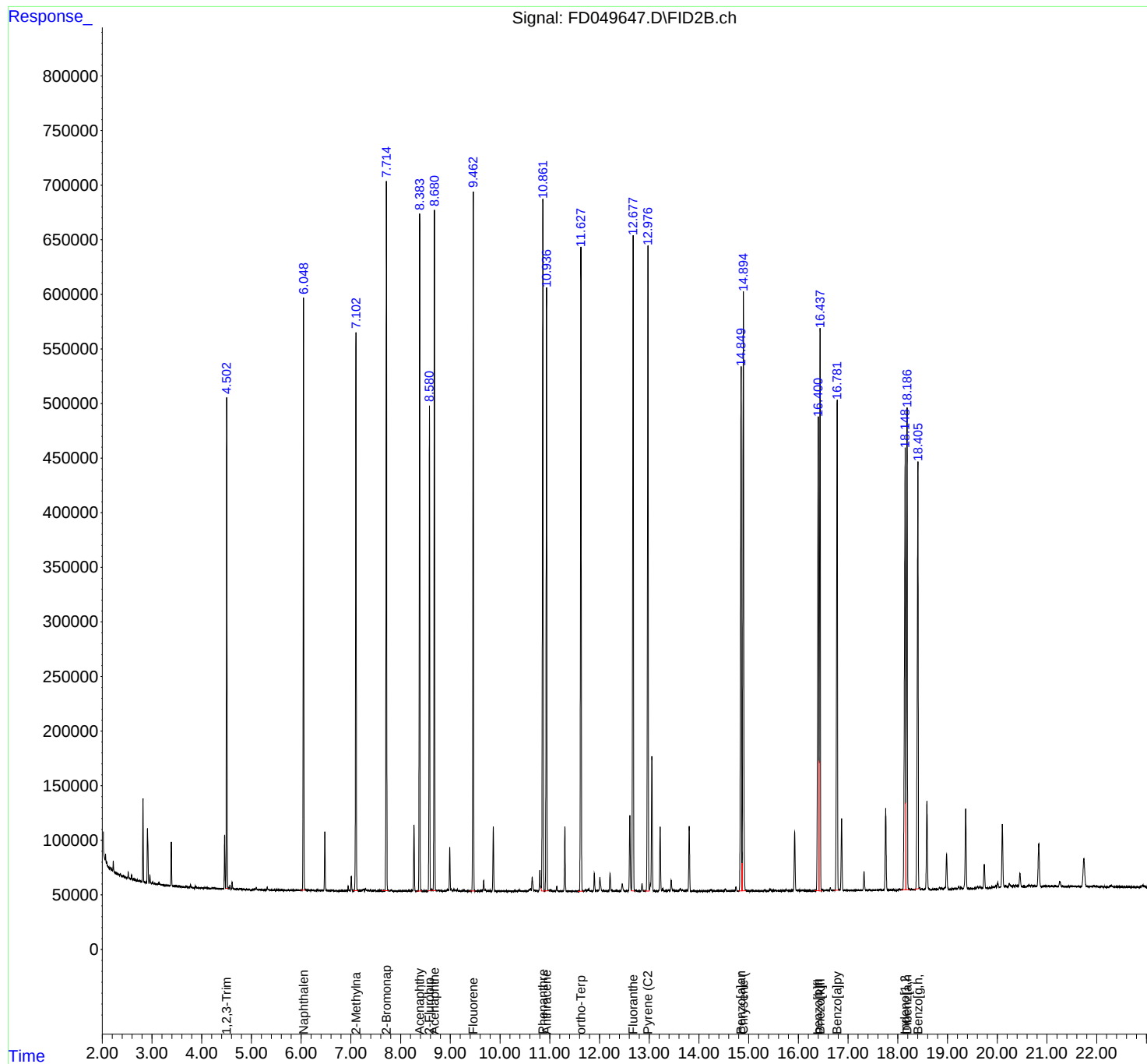
Instrument :
FID_D
ClientSampleId :
PB169364BSD

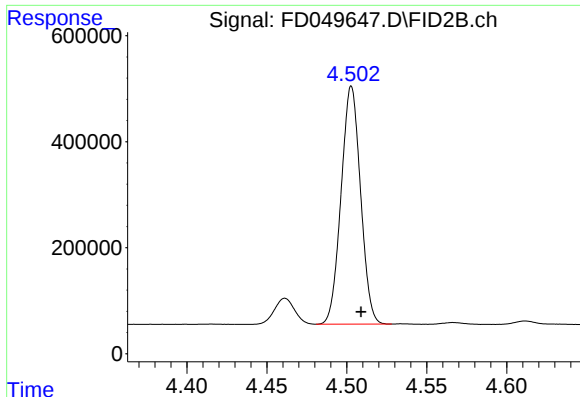
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/26/2025

Integration File: sample.E
Quant Time: Aug 25 01:48:10 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.: 4.503 min
Delta R.T.: -0.006 min
Response: 3801634
Conc: 37.56 ug/ml

Instrument :

FID_D

ClientSampleId :

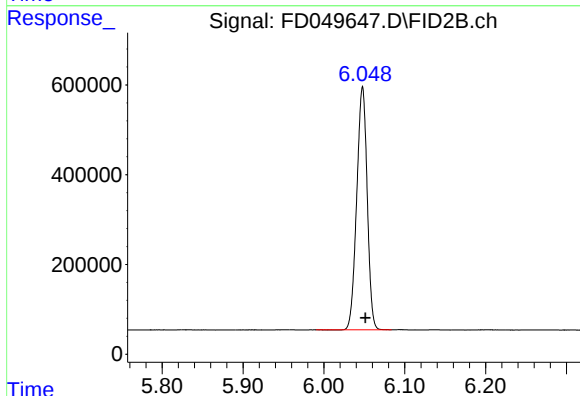
PB169364BSD

Manual Integrations

APPROVED

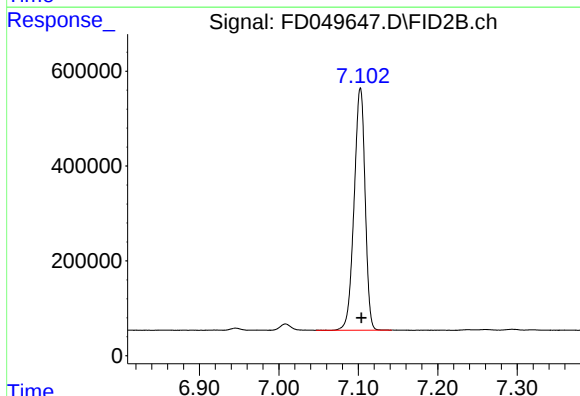
Reviewed By :Yogesh Patel 08/25/2025

Supervised By :mohammad ahmed 08/26/2025



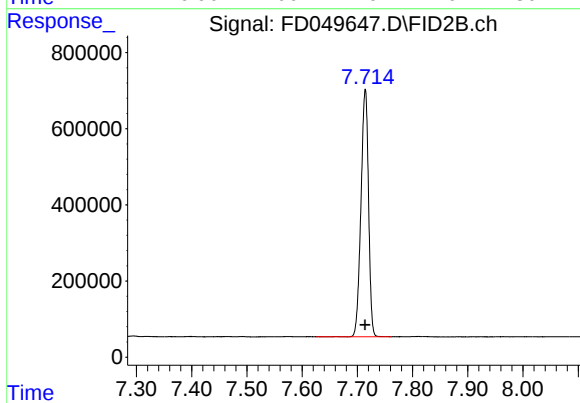
#2 Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: -0.004 min
Response: 4868562
Conc: 42.46 ug/ml



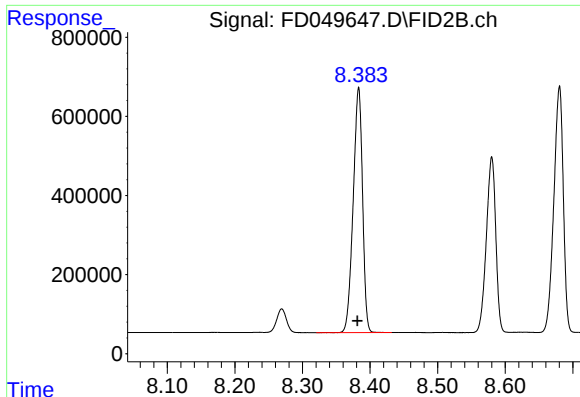
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 4908786
Conc: 41.15 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 6152246
Conc: 60.03 ug/ml



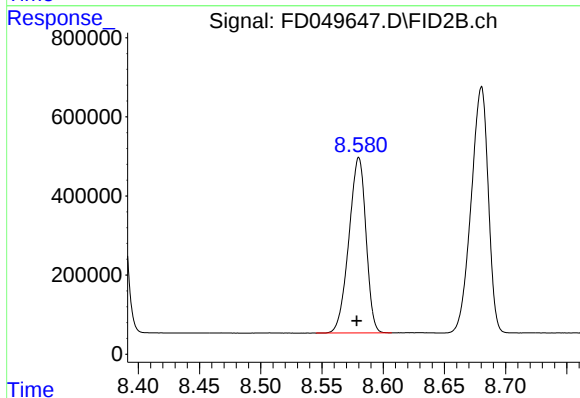
#5 Acenaphthylene (C15.06)

R.T.: 8.383 min
Delta R.T.: 0.002 min
Response: 5956126
Conc: 47.38 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169364BSD

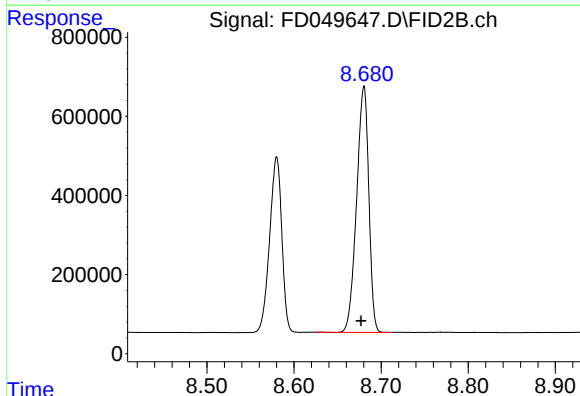
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



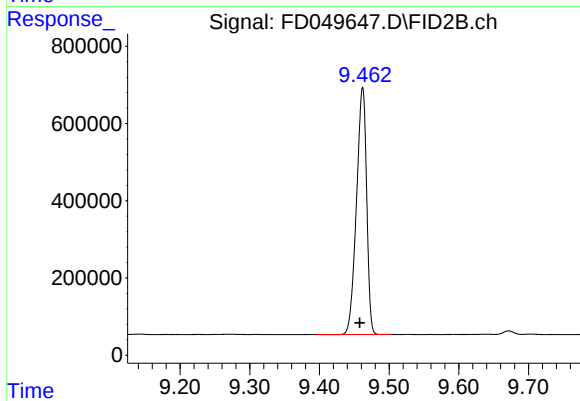
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 4307433
Conc: 58.97 ug/ml



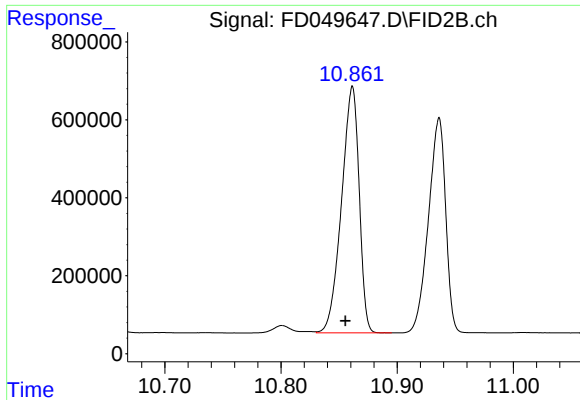
#7 Acenaphthene (C15.5)

R.T.: 8.680 min
Delta R.T.: 0.003 min
Response: 6042933
Conc: 48.06 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.462 min
Delta R.T.: 0.004 min
Response: 6476002
Conc: 51.15 ug/ml



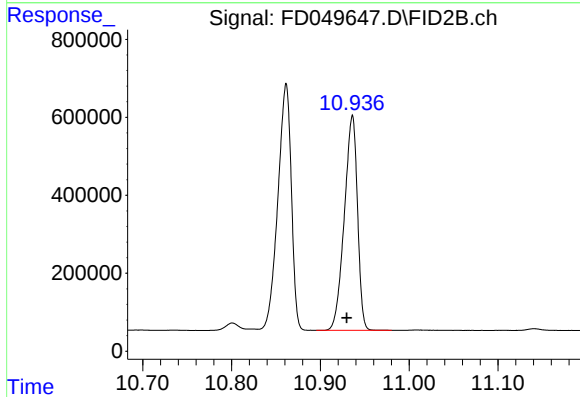
#9 Phenanthrene (C19.36)

R.T.: 10.861 min
Delta R.T.: 0.006 min
Response: 6674172
Conc: 51.67 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169364BSD

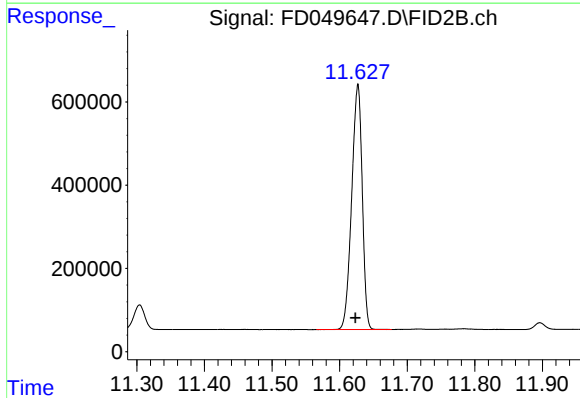
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



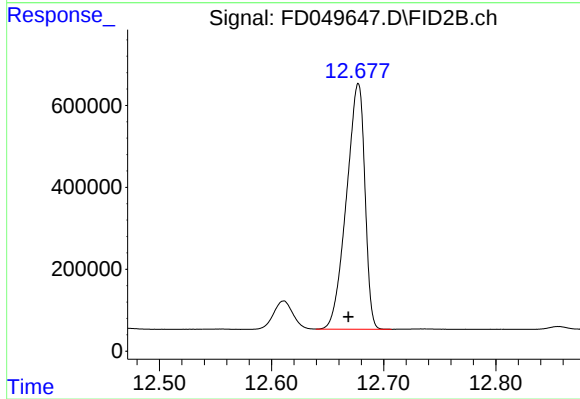
#10 Anthracene (C19.43)

R.T.: 10.936 min
Delta R.T.: 0.006 min
Response: 5675493
Conc: 46.07 ug/ml



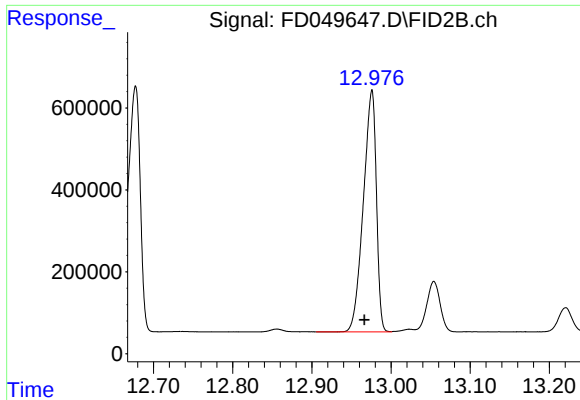
#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: 0.004 min
Response: 6379155
Conc: 49.15 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.677 min
Delta R.T.: 0.009 min
Response: 6865432
Conc: 53.63 ug/ml



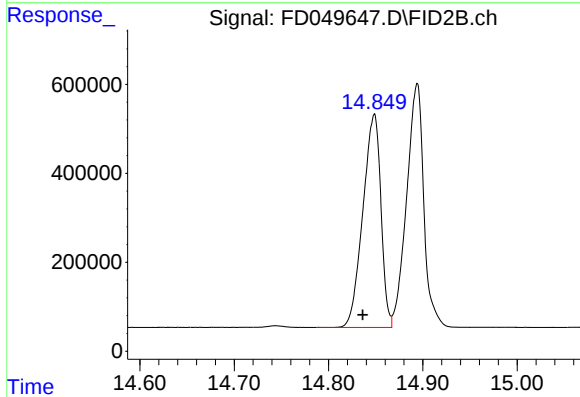
#13 Pyrene (C20.8)

R.T.: 12.976 min
Delta R.T.: 0.010 min
Response: 6743993
Conc: 53.12 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169364BSD

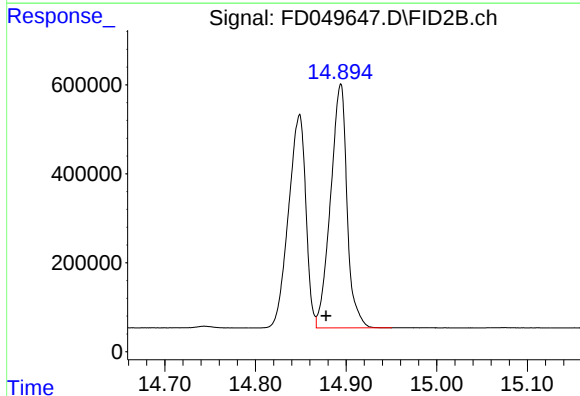
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



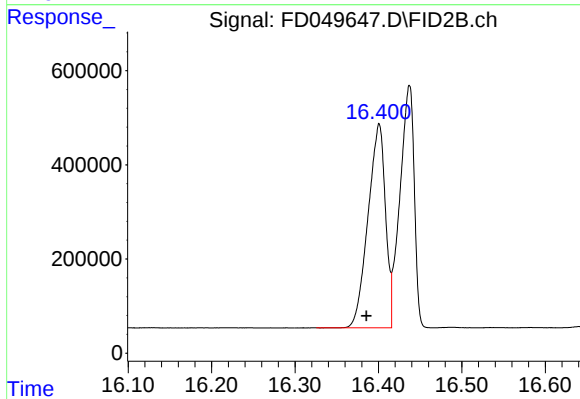
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.849 min
Delta R.T.: 0.012 min
Response: 6362083
Conc: 55.13 ug/ml



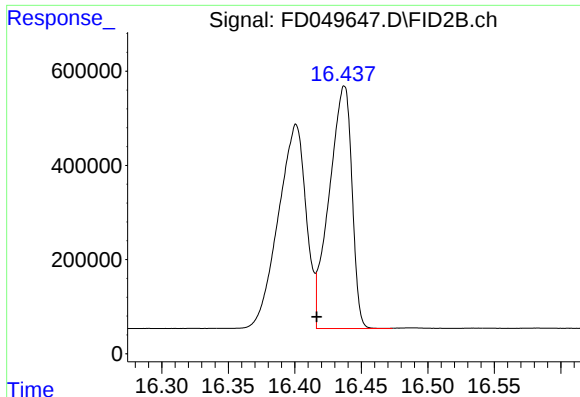
#15 Chrysene (C27.41)

R.T.: 14.894 min
Delta R.T.: 0.016 min
Response: 6940665
Conc: 59.28 ug/ml



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

R.T.: 16.401 min
Delta R.T.: 0.015 min
Response: 6287433
Conc: 55.28 ug/ml



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

R.T.: 16.437 min
Delta R.T.: 0.020 min
Response: 6089129
Conc: 56.88 ug/ml

Instrument :

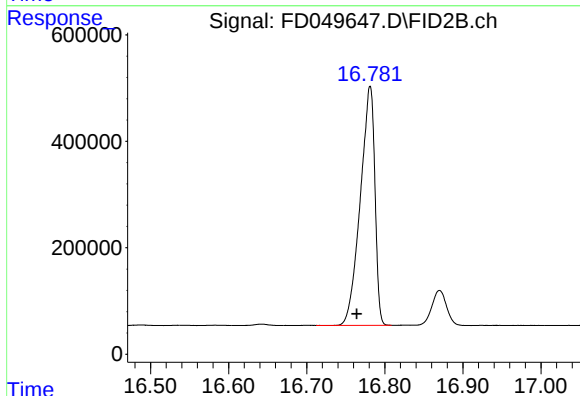
FID_D

ClientSampleId :

PB169364BSD

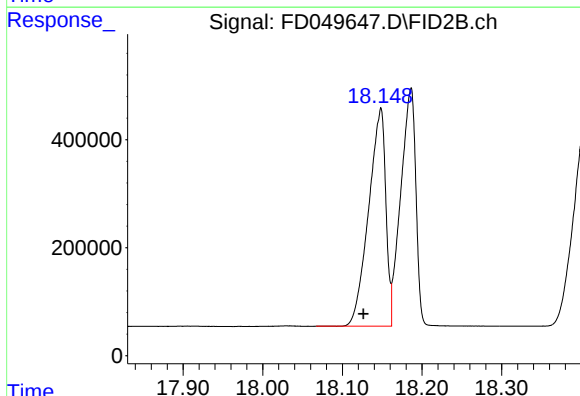
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



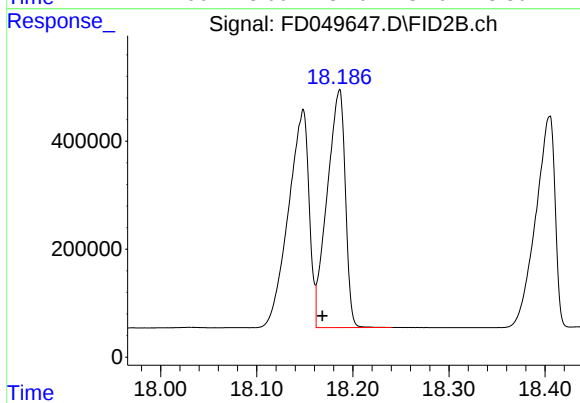
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.781 min
Delta R.T.: 0.017 min
Response: 5826139
Conc: 52.52 ug/ml



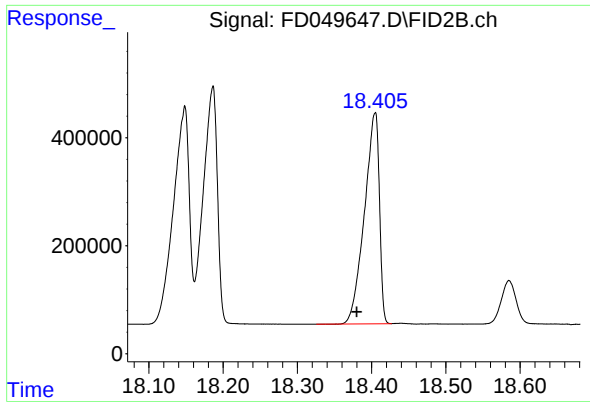
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min
Delta R.T.: 0.022 min
Response: 6042968
Conc: 58.63 ug/ml



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

R.T.: 18.186 min
Delta R.T.: 0.018 min
Response: 5782799
Conc: 53.05 ug/ml



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

R.T.: 18.405 min
Delta R.T.: 0.025 min
Response: 5460914
Conc: 49.97 ug/ml

Instrument :

FID_D

ClientSampleId :

PB169364BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2025

Supervised By :mohammad ahmed 08/26/2025