

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050225AR\
 Data File : FD049311.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2025 13:26
 Operator : YP/AJ
 Sample : PB167840BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB167840BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/06/2025

Supervised By :mohammad ahmed 05/07/2025

Integration File: autoint1.e

Quant Time: May 03 00:34:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M

Quant Title : GC Extractables

QLast Update : Thu May 01 13:29:48 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...	7.742	7423816	62.611 ug/ml
Spiked Amount 50.000		Recovery =	125.22%
6) S 2-Fluorobiphenyl (SURR)	8.608	5176330	65.546 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	131.09%#
11) S ortho-Terphenyl (SURR)	11.654	7629284	55.276 ug/ml
Spiked Amount 50.000		Recovery =	110.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.532	4647787	37.225 ug/ml
2) T Naphthalene (C11.7)	6.076	5482829	41.472 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	5354996	41.511 ug/ml
5) T Acenaphthylene (C15.06)	8.411	6615897	46.866 ug/ml
7) T Acenaphthene (C15.5)	8.708	7010260	51.165 ug/ml
8) T Fluorene (C16.55)	9.489	7355155	54.036 ug/ml
9) T Phenanthrene (C19.36)	10.890	7866617	58.348 ug/ml
10) T Anthracene (C19.43)	10.965	7619007	64.421 ug/ml
12) T Fluoranthene (C21.85)	12.706	8144987	60.438 ug/ml
13) T Pyrene (C20.8)	13.004	8193681	60.570 ug/ml
14) T Benzo[a]anthracene (C...	14.875	7375259	64.388 ug/ml
15) T Chrysene (C27.41)	14.920	7905755	67.736 ug/ml
16) T benzo[b]fluoranthene ...	16.428	7295841	60.104 ug/ml
17) T Bnezo[k]fluoranthene ...	16.463	7313872	61.325 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.809	6986144	60.758 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.176	7357310	67.041 ug/ml
20) T Dibenz[a,h]anthracene...	18.214	6769020	64.092 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.434	6976907	58.546 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050225AR\
Data File : FD049311.D
Signal(s) : FID2B.ch
Acq On : 02 May 2025 13:26
Operator : YP/AJ
Sample : PB167840BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB167840BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/06/2025

Supervised By :mohammad ahmed 05/07/2025

Integration File: autoint1.e

Quant Time: May 03 00:34:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M

Quant Title : GC Extractables

QLast Update : Thu May 01 13:29:48 2025

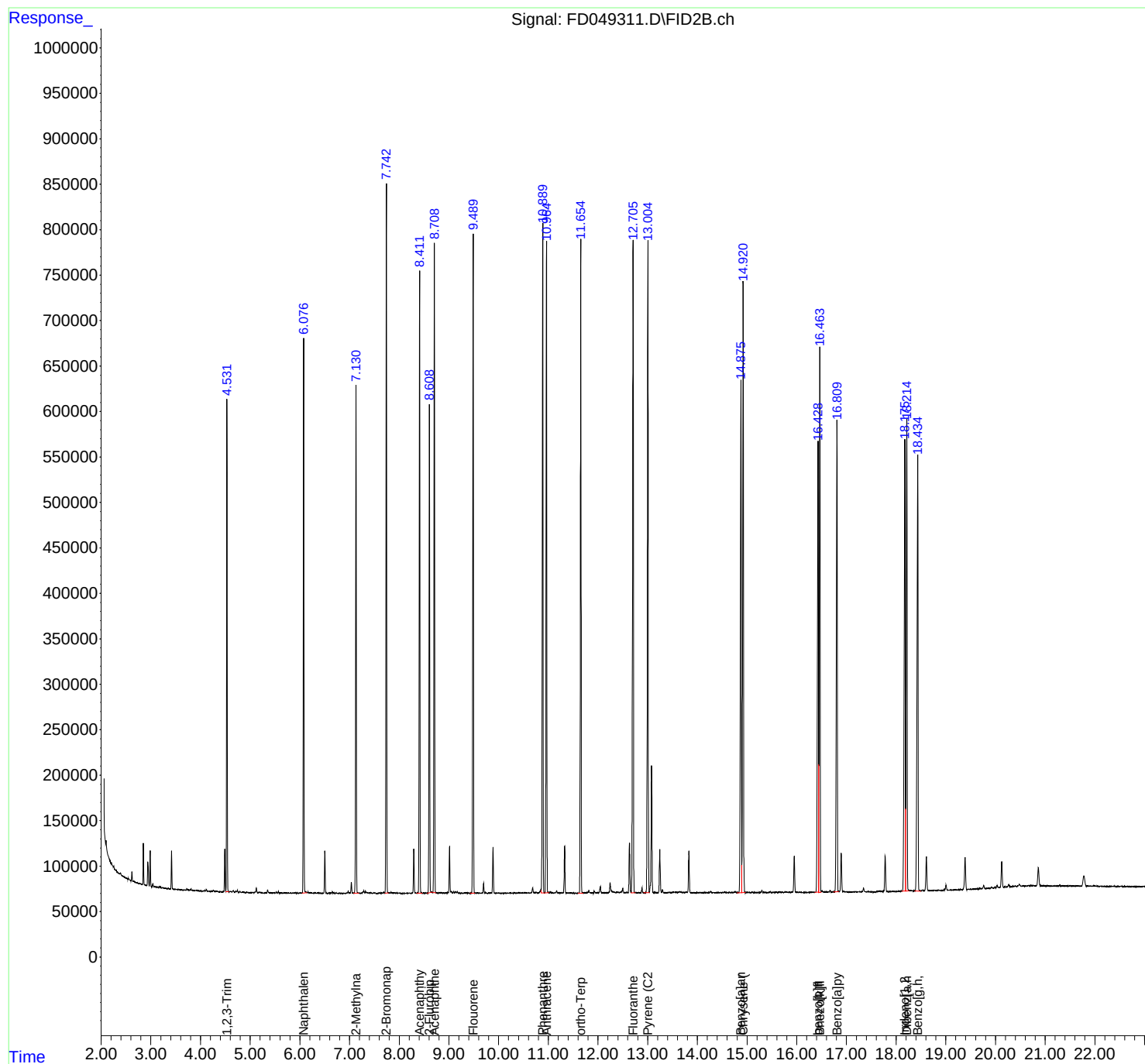
Response via : Initial Calibration

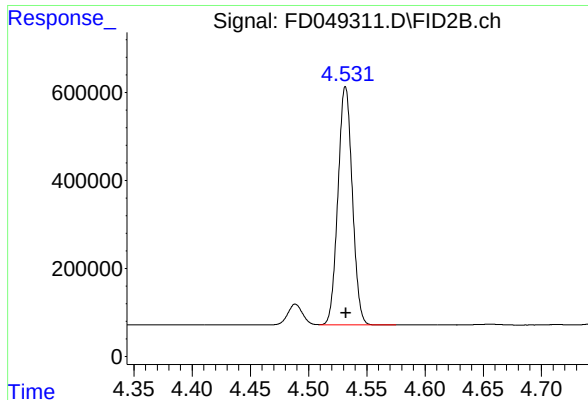
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





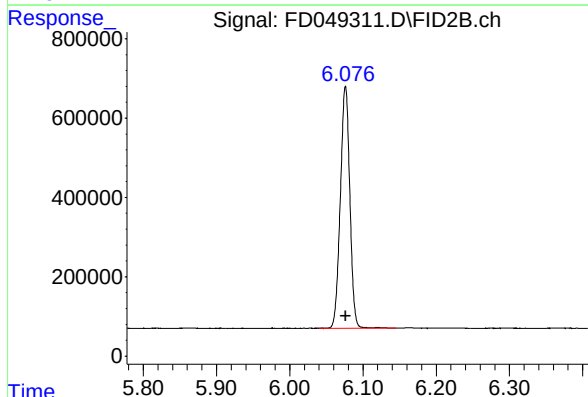
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 4647787
Conc: 37.22 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167840BS

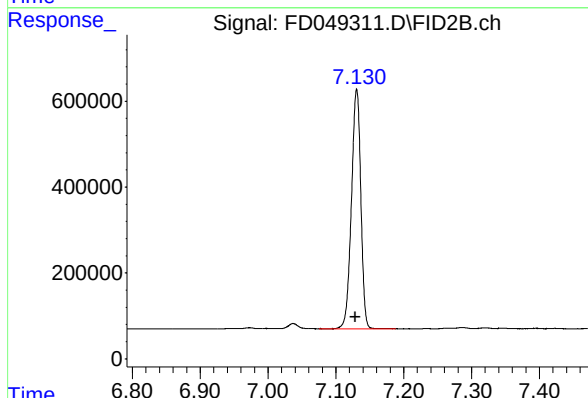
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



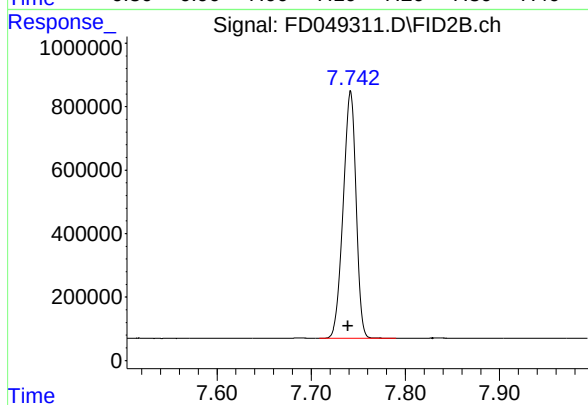
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 5482829
Conc: 41.47 ug/ml



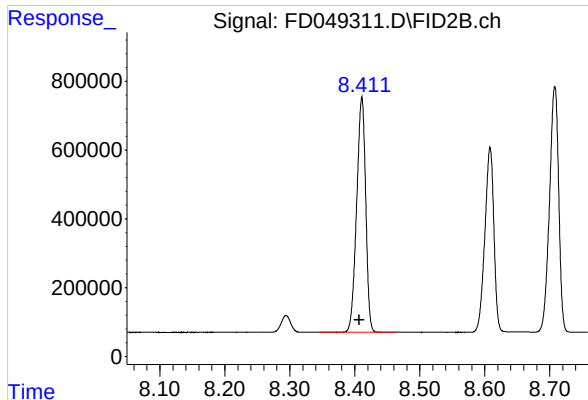
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: 0.002 min
Response: 5354996
Conc: 41.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.742 min
Delta R.T.: 0.003 min
Response: 7423816
Conc: 62.61 ug/ml



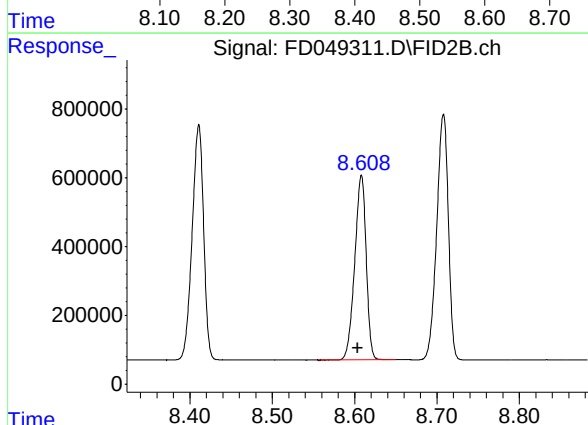
#5 Acenaphthylene (C15.06)

R.T.: 8.411 min
Delta R.T.: 0.004 min
Response: 6615897
Conc: 46.87 ug/ml

Instrument :
FID_D
ClientSampleId :
PB167840BS

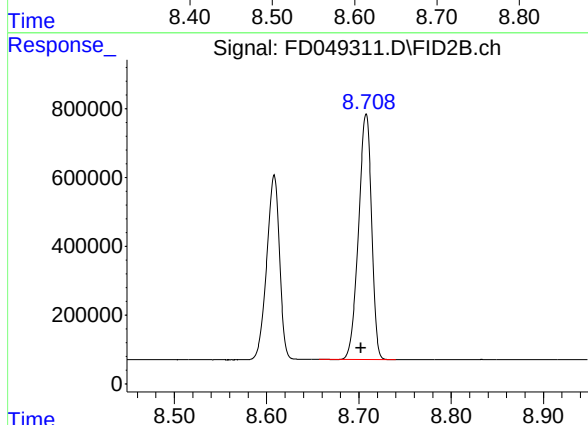
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



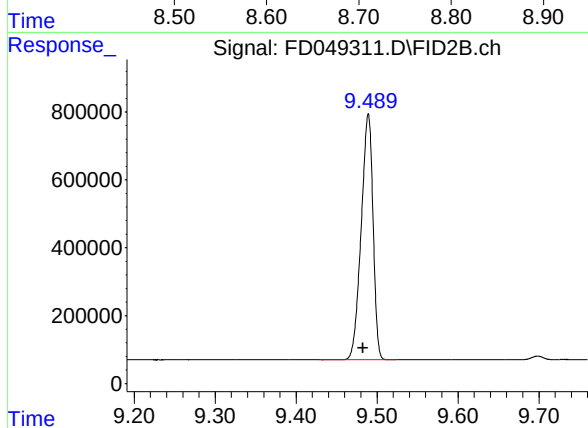
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.608 min
Delta R.T.: 0.005 min
Response: 5176330
Conc: 65.55 ug/ml



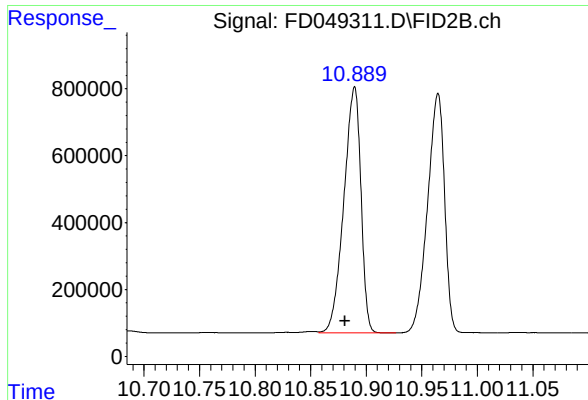
#7 Acenaphthene (C15.5)

R.T.: 8.708 min
Delta R.T.: 0.006 min
Response: 7010260
Conc: 51.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.489 min
Delta R.T.: 0.007 min
Response: 7355155
Conc: 54.04 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.890 min
Delta R.T.: 0.009 min
Response: 7866617
Conc: 58.35 ug/ml

Instrument :

FID_D

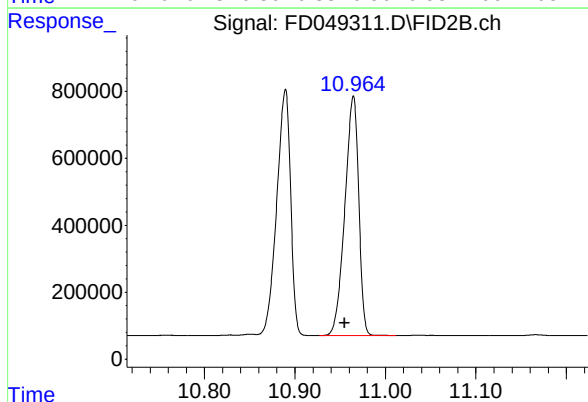
ClientSampleId :

PB167840BS

Manual Integrations

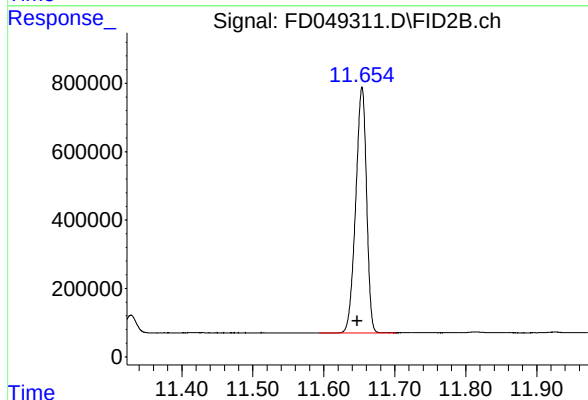
APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



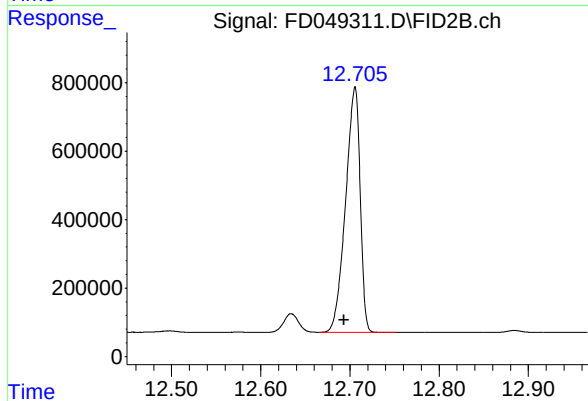
#10 Anthracene (C19.43)

R.T.: 10.965 min
Delta R.T.: 0.010 min
Response: 7619007
Conc: 64.42 ug/ml



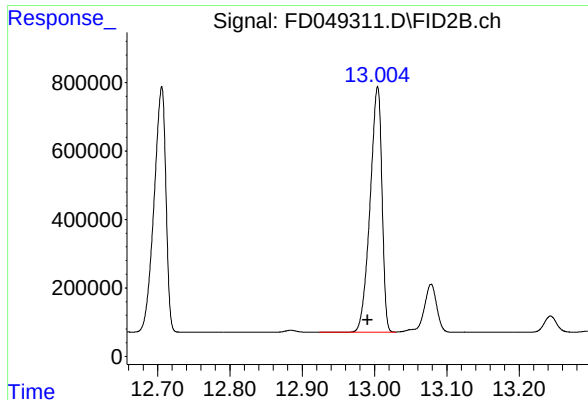
#11 ortho-Terphenyl (SURRE)

R.T.: 11.654 min
Delta R.T.: 0.007 min
Response: 7629284
Conc: 55.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.706 min
Delta R.T.: 0.012 min
Response: 8144987
Conc: 60.44 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.004 min
Delta R.T.: 0.014 min
Response: 8193681
Conc: 60.57 ug/ml

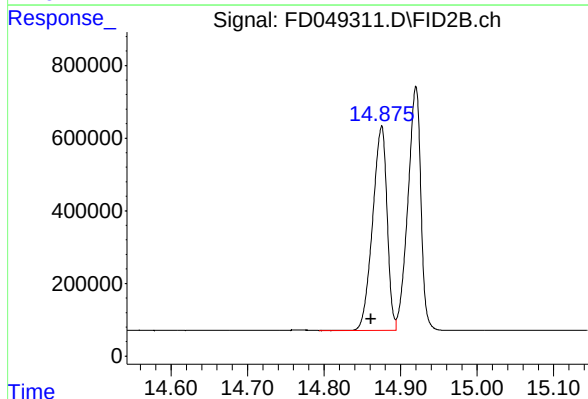
Instrument :

FID_D

ClientSampleId :
PB167840BS

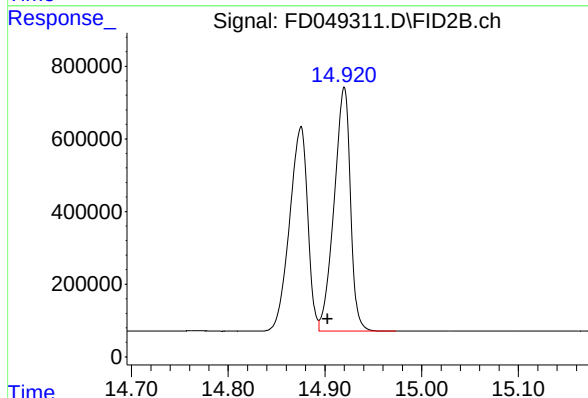
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



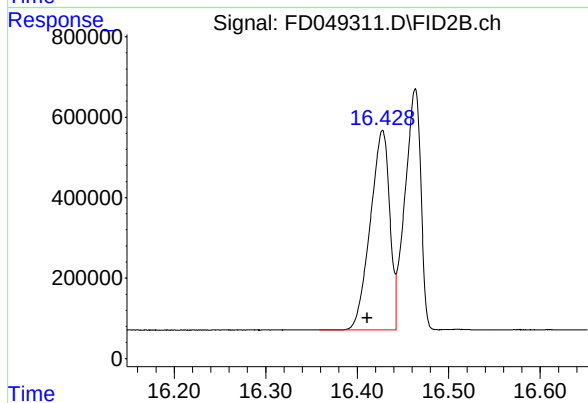
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.875 min
Delta R.T.: 0.014 min
Response: 7375259
Conc: 64.39 ug/ml



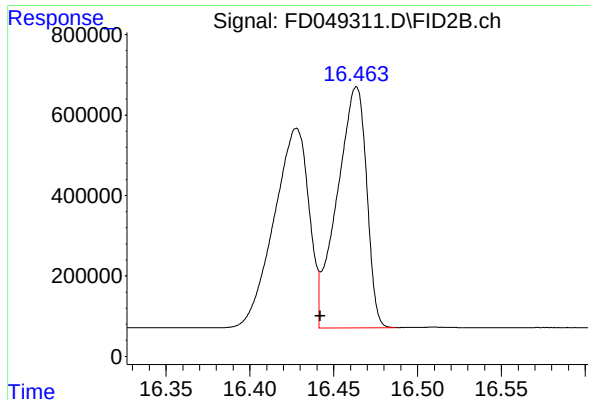
#15 Chrysene (C27.41)

R.T.: 14.920 min
Delta R.T.: 0.017 min
Response: 7905755
Conc: 67.74 ug/ml



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

R.T.: 16.428 min
Delta R.T.: 0.017 min
Response: 7295841
Conc: 60.10 ug/ml



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

R.T.: 16.463 min
Delta R.T.: 0.021 min
Response: 7313872
Conc: 61.33 ug/ml

Instrument :

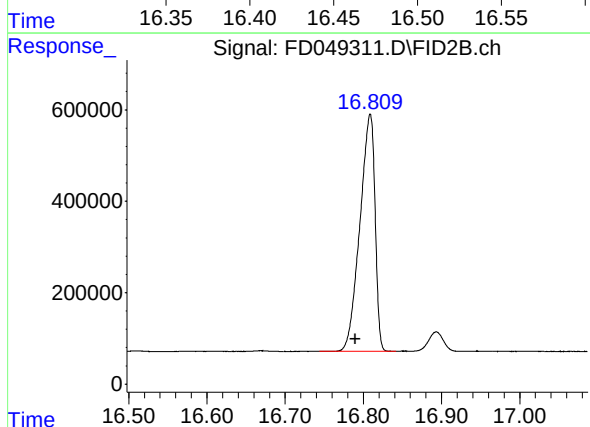
FID_D

ClientSampleId :

PB167840BS

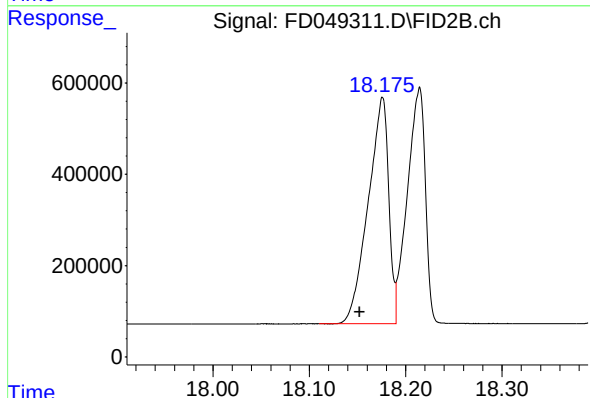
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/06/2025
Supervised By :mohammad ahmed 05/07/2025



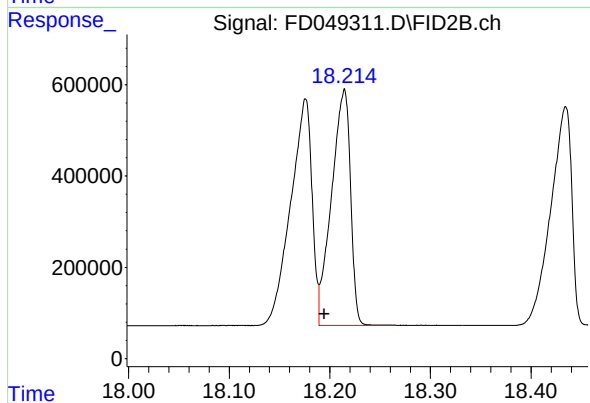
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.809 min
Delta R.T.: 0.019 min
Response: 6986144
Conc: 60.76 ug/ml



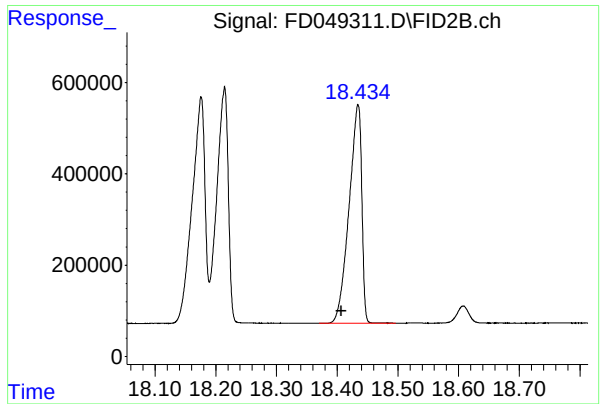
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.176 min
Delta R.T.: 0.024 min
Response: 7357310
Conc: 67.04 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.020 min
Response: 6769020
Conc: 64.09 ug/ml m



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

R.T.: 18.434 min
Delta R.T.: 0.028 min
Response: 6976907
Conc: 58.55 ug/ml

Instrument :

FID_D

ClientSampleId :

PB167840BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/06/2025

Supervised By :mohammad ahmed 05/07/2025