

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082825AR\
 Data File : FD049693.D
 Signal(s) : FID2B.ch
 Acq On : 28 Aug 2025 13:02
 Operator : YP/AJ
 Sample : Q2893-07
 Misc : 2.5PPM WATER LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: autoint1.e
 Quant Time: Aug 29 02:26:49 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...	7.715	5287842	51.595 ug/ml
Spiked Amount 50.000		Recovery =	103.19%
6) S 2-Fluorobiphenyl (SURR)	8.580	3781835	51.773 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.55%
11) S ortho-Terphenyl (SURR)	11.625	5835598	44.960 ug/ml
Spiked Amount 50.000		Recovery =	89.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	231964	2.292 ug/ml
2) T Naphthalene (C11.7)	6.049	277303	2.418 ug/ml
3) T 2-Methylnaphthalene (...)	7.102	262781	2.203 ug/ml
5) T Acenaphthylene (C15.06)	8.380	299939	2.386 ug/ml
7) T Acenaphthene (C15.5)	8.676	301790	2.400 ug/ml
8) T Flouorene (C16.55)	9.457	319307	2.522 ug/ml
9) T Phenanthrene (C19.36)	10.854	320439	2.481 ug/ml
10) T Anthracene (C19.43)	10.928	313151	2.542 ug/ml
12) T Fluoranthene (C21.85)	12.666	328219	2.564 ug/ml
13) T Pyrene (C20.8)	12.964	327295	2.578 ug/ml
14) T Benzo[a]anthracene (C...	14.835	309413	2.681 ug/mlm
15) T Chrysene (C27.41)	14.876	328364	2.805 ug/mlm
16) T benzo[b]fluoranthene ...	16.384	317448	2.791 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.415	308943	2.886 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.763	301418	2.717 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.125	301954	2.929 ug/ml
20) T Dibenz[a,h]anthracene...	18.167	285243	2.617 ug/ml
21) T Benzo[g,h,i]perylene ...	18.377	300558	2.750 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082825AR\
Data File : FD049693.D
Signal(s) : FID2B.ch
Acq On : 28 Aug 2025 13:02
Operator : YP/AJ
Sample : Q2893-07
Misc : 2.5PPM WATER LOD
ALS Vial : 63 Sample Multiplier: 1

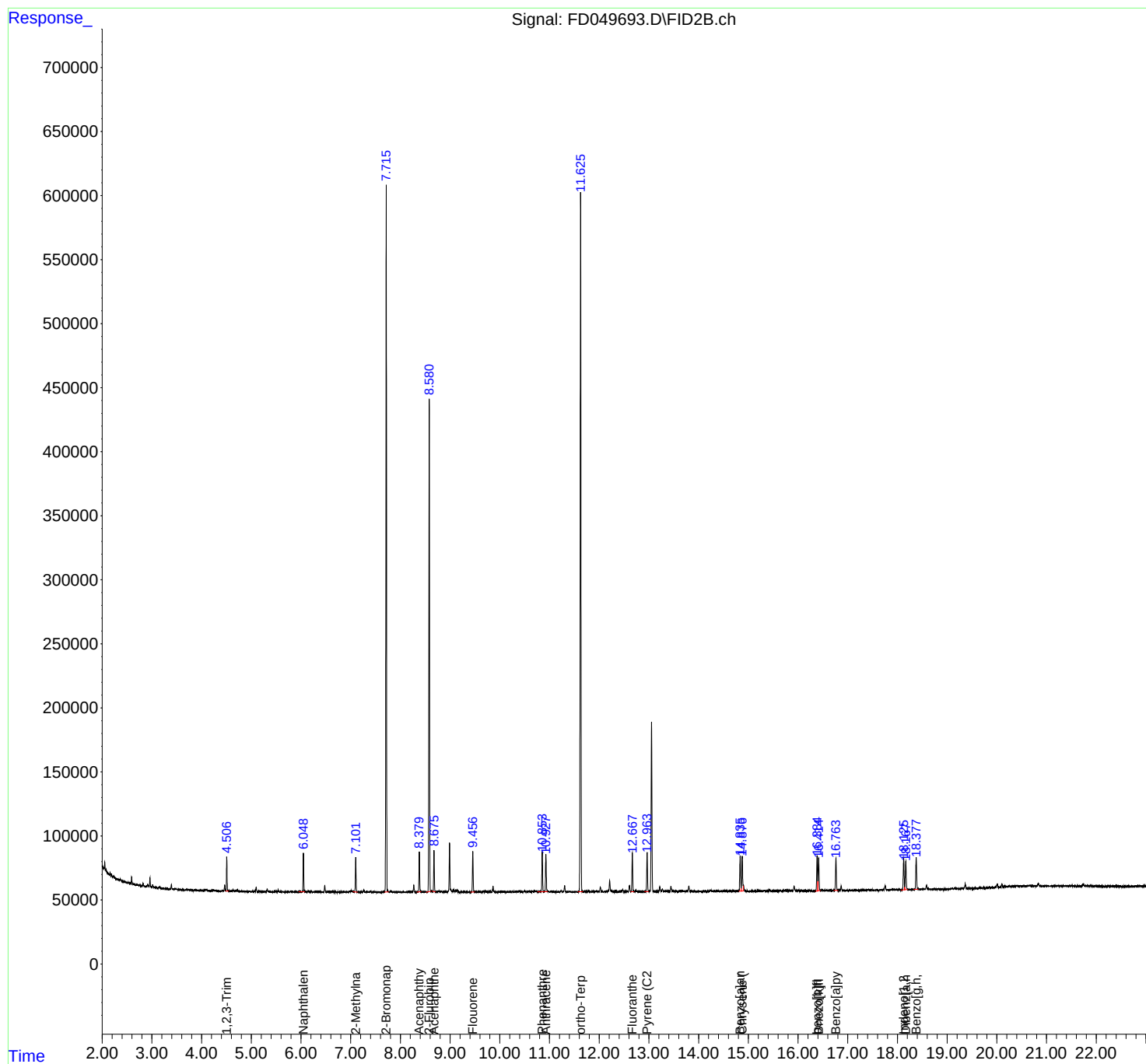
Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

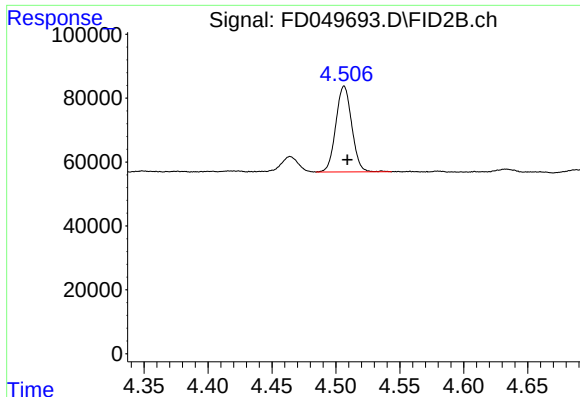
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025

Integration File: autoint1.e
Quant Time: Aug 29 02:26:49 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





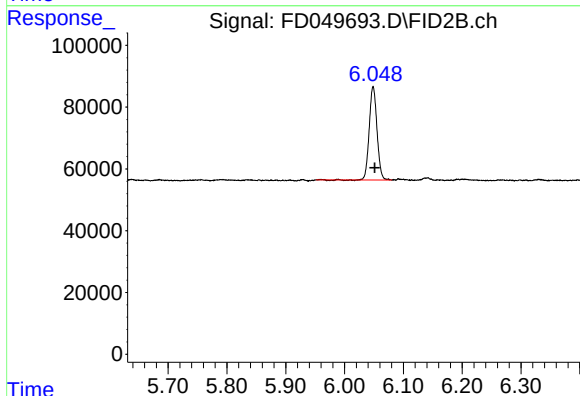
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 231964
Conc: 2.29 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

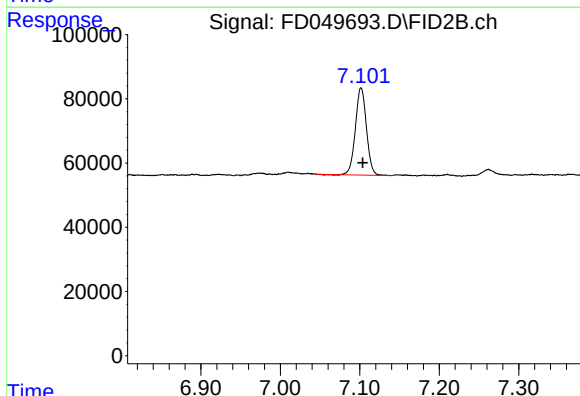
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



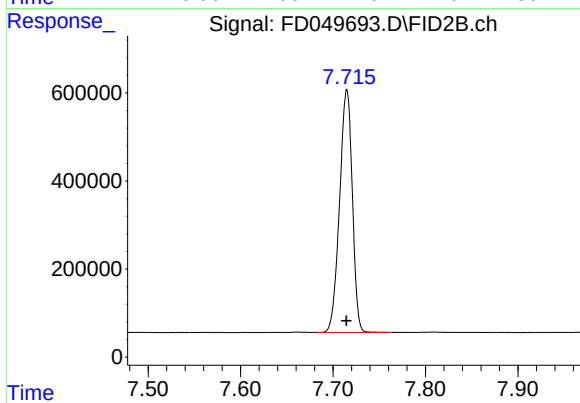
#2 Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 277303
Conc: 2.42 ug/ml



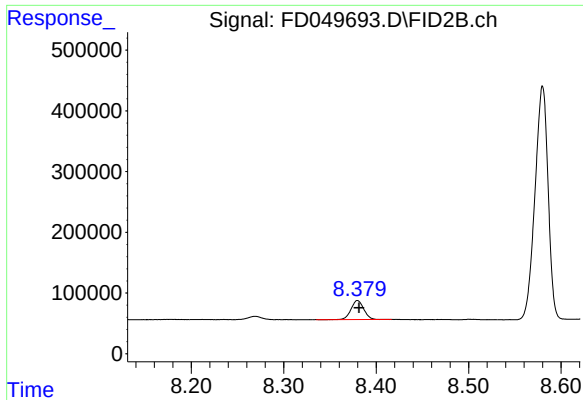
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.002 min
Response: 262781
Conc: 2.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.715 min
Delta R.T.: 0.000 min
Response: 5287842
Conc: 51.60 ug/ml



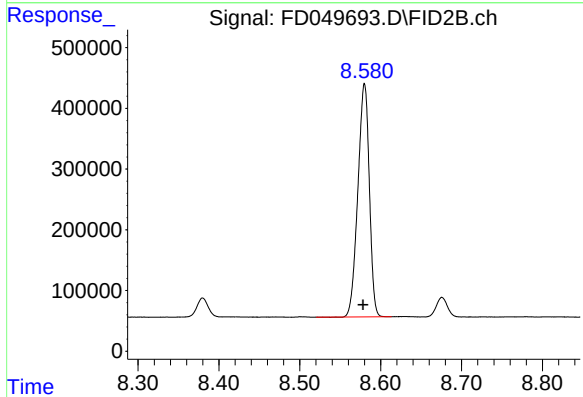
#5 Acenaphthylene (C15.06)

R.T.: 8.380 min
Delta R.T.: -0.002 min
Response: 299939
Conc: 2.39 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

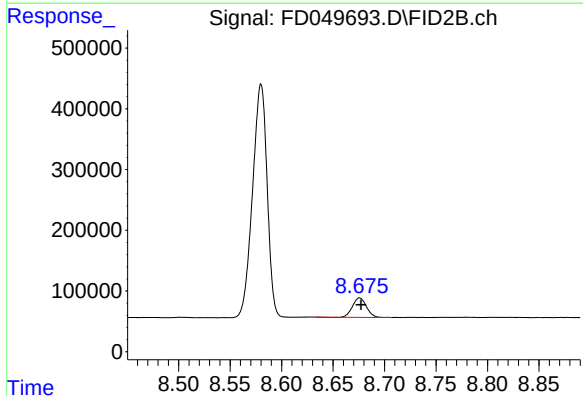
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



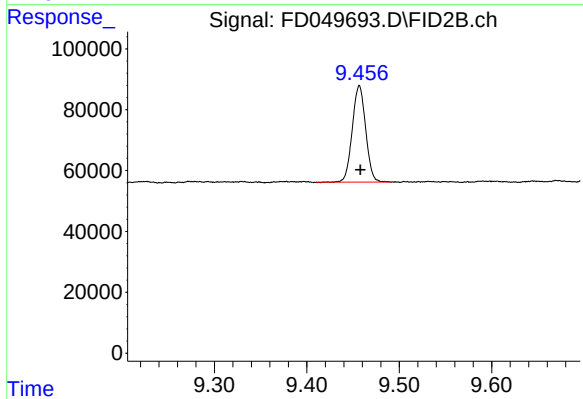
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 3781835
Conc: 51.77 ug/ml



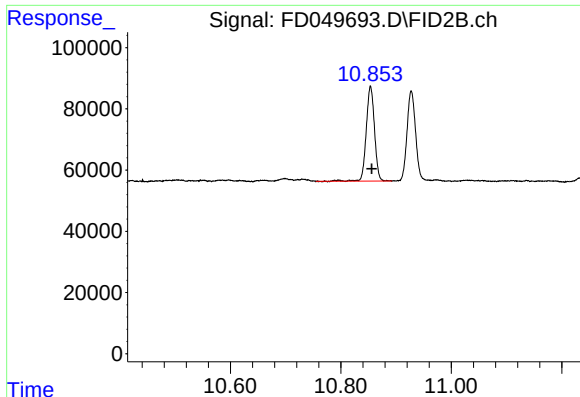
#7 Acenaphthene (C15.5)

R.T.: 8.676 min
Delta R.T.: -0.001 min
Response: 301790
Conc: 2.40 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.457 min
Delta R.T.: -0.001 min
Response: 319307
Conc: 2.52 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.854 min
Delta R.T.: -0.002 min
Response: 320439
Conc: 2.48 ug/ml

Instrument :

FID_D

ClientSampleId :

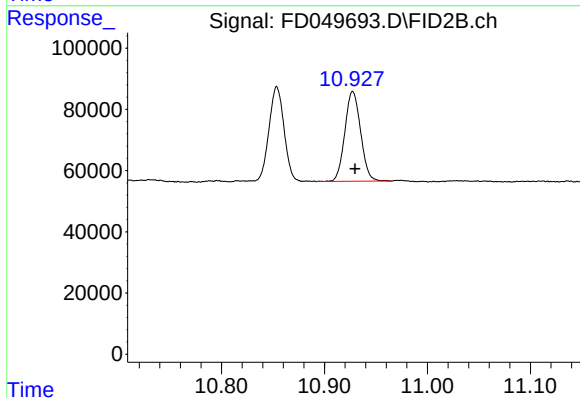
LOD-MDL-WATER-01-QT3-2025

Manual Integrations

APPROVED

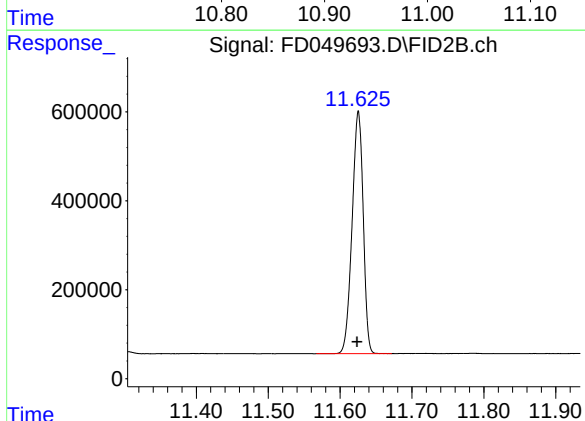
Reviewed By :Yogesh Patel 08/29/2025

Supervised By :mohammad ahmed 08/30/2025



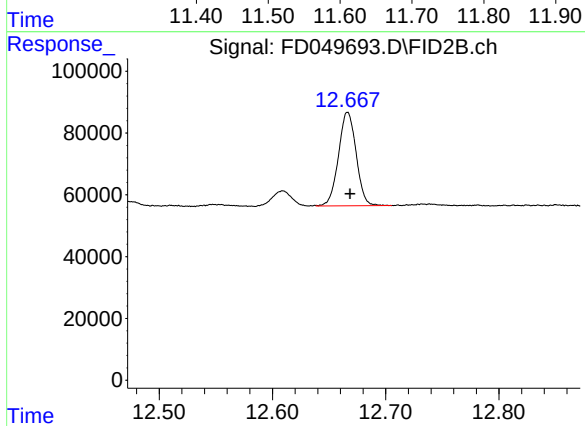
#10 Anthracene (C19.43)

R.T.: 10.928 min
Delta R.T.: -0.002 min
Response: 313151
Conc: 2.54 ug/ml



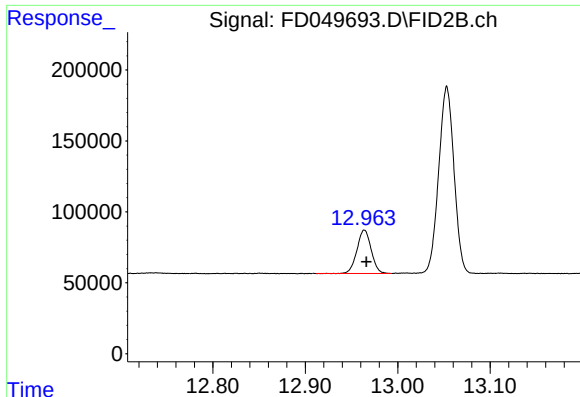
#11 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: 0.002 min
Response: 5835598
Conc: 44.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.666 min
Delta R.T.: -0.002 min
Response: 328219
Conc: 2.56 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.964 min
Delta R.T.: -0.002 min
Response: 327295
Conc: 2.58 ug/ml

Instrument :

FID_D

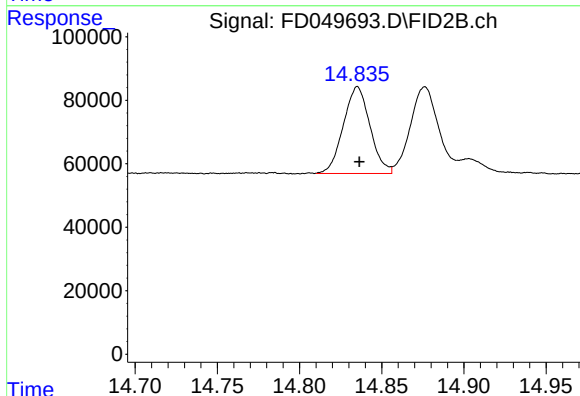
ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Manual Integrations

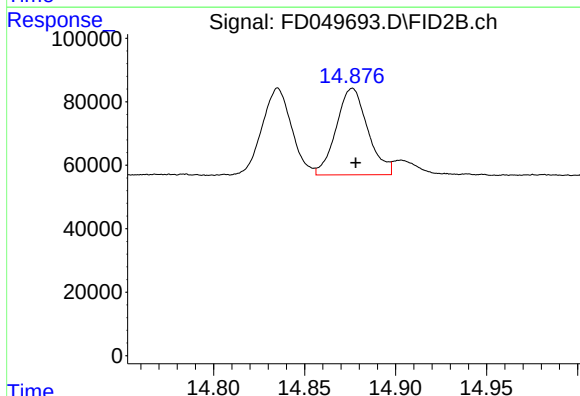
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



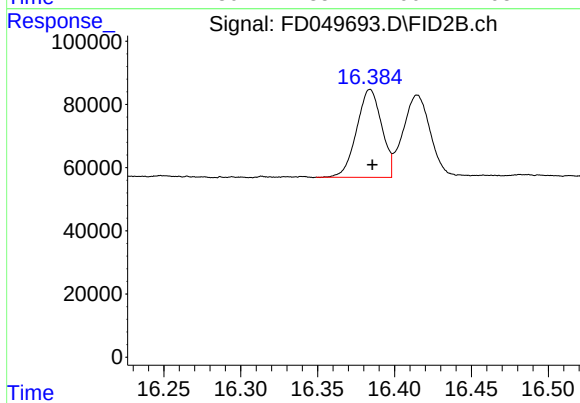
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.835 min
Delta R.T.: -0.001 min
Response: 309413
Conc: 2.68 ug/ml m



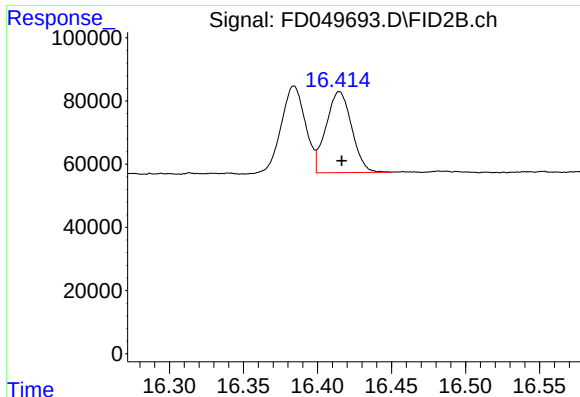
#15 Chrysene (C27.41)

R.T.: 14.876 min
Delta R.T.: -0.002 min
Response: 328364
Conc: 2.80 ug/ml m



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

R.T.: 16.384 min
Delta R.T.: -0.001 min
Response: 317448
Conc: 2.79 ug/ml m



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

R.T.: 16.415 min
Delta R.T.: -0.002 min
Response: 308943
Conc: 2.89 ug/ml

Instrument :

FID_D

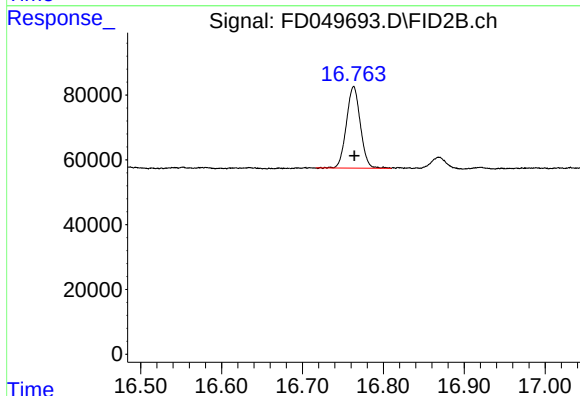
ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Manual Integrations

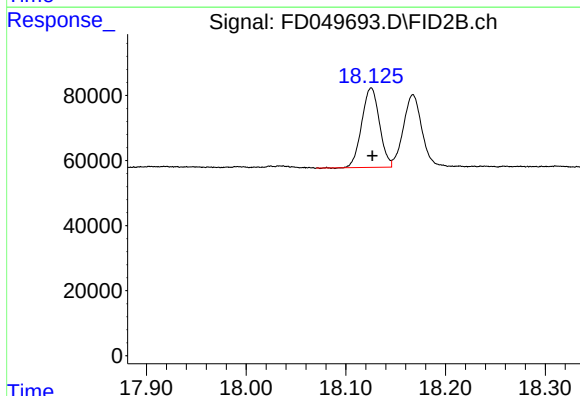
APPROVED

Reviewed By :Yogesh Patel 08/29/2025
Supervised By :mohammad ahmed 08/30/2025



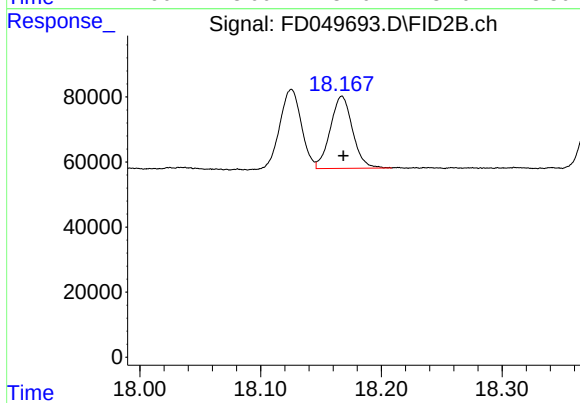
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.763 min
Delta R.T.: 0.000 min
Response: 301418
Conc: 2.72 ug/ml



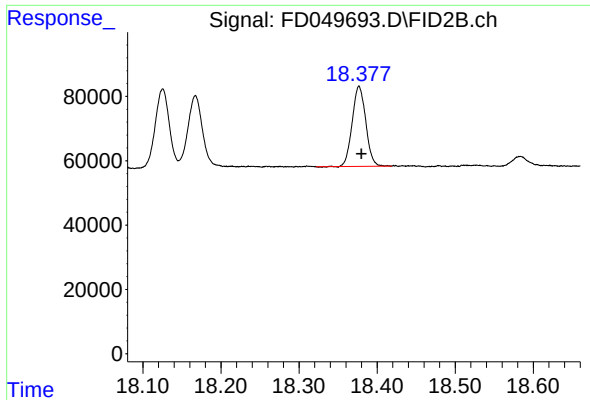
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.125 min
Delta R.T.: -0.001 min
Response: 301954
Conc: 2.93 ug/ml



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

R.T.: 18.167 min
Delta R.T.: -0.001 min
Response: 285243
Conc: 2.62 ug/ml



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

R.T.: 18.377 min
Delta R.T.: -0.003 min
Response: 300558
Conc: 2.75 ug/ml

Instrument :

FID_D

ClientSampleId :

LOD-MDL-WATER-01-QT3-2025

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2025

Supervised By :mohammad ahmed 08/30/2025