

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050924AR\
 Data File : FD047688.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2024 20:07
 Operator : YP/AJ
 Sample : P2403-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 06:46:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.463	8966575	57.174 ug/ml
Spiked Amount 50.000		Recovery =	114.35%
6) S 2-Fluorobiphenyl (SURR)	8.317	5978891	57.158 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.32%
11) S ortho-Terphenyl (SURR)	11.359	8923490	47.583 ug/ml
Spiked Amount 50.000		Recovery =	95.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	730093	4.516 ug/ml
2) T Naphthalene (C11.7)	5.800	791351	4.677 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	828393	4.863 ug/ml
5) T Acenaphthylene (C15.06)	8.117	821175	5.035 ug/ml
7) T Acenaphthene (C15.5)	8.411	851913	5.068 ug/ml
8) T Flouorene (C16.55)	9.191	851023	5.116 ug/mlm
9) T Phenanthrene (C19.36)	10.581	803922	4.910 ug/mlm
10) T Anthracene (C19.43)	10.657	788355	5.263 ug/ml
12) T Fluoranthene (C21.85)	12.387	845669	5.096 ug/ml
13) T Pyrene (C20.8)	12.682	844026	5.187 ug/mlm
14) T Benzo[a]anthracene (C...	14.551	723230	4.955 ug/mlm
15) T Chrysene (C27.41)	14.592	721256	4.577 ug/ml
16) T benzo[b]fluoranthene ...	16.098	741644	4.966 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	784494	5.211 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.478	669858	4.642 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	608145	4.481 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	728582	5.089 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	663154	4.830 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050924AR\
Data File : FD047688.D
Signal(s) : FID2B.ch
Acq On : 09 May 2024 20:07
Operator : YP/AJ
Sample : P2403-08
Misc : 5 PPM WATER LOQ
ALS Vial : 61 Sample Multiplier: 1

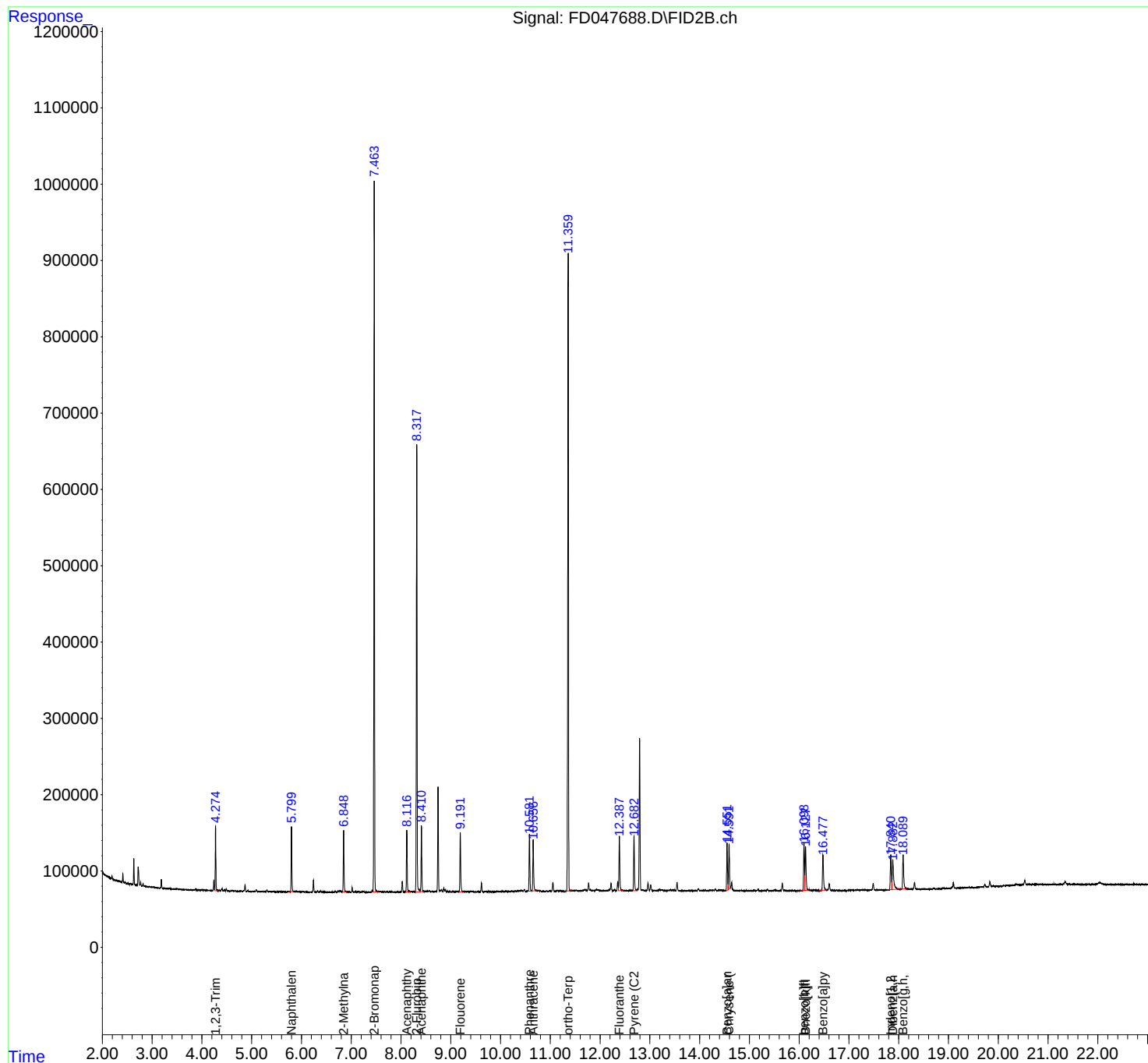
Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

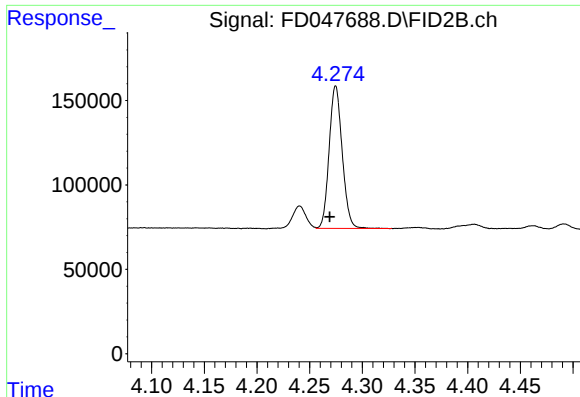
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
Quant Time: May 10 06:46:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 17:13:11 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





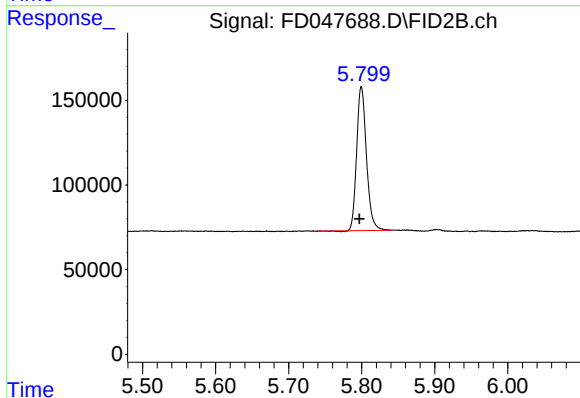
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 730093
Conc: 4.52 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

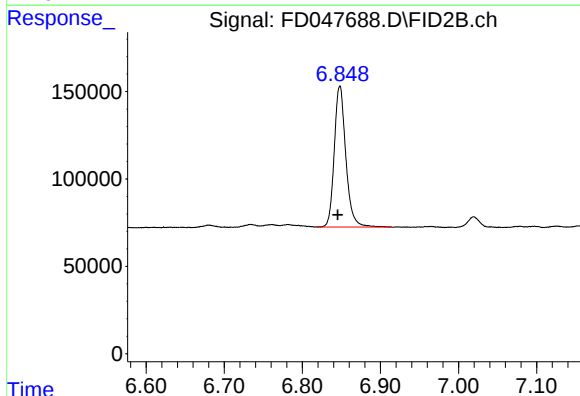
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



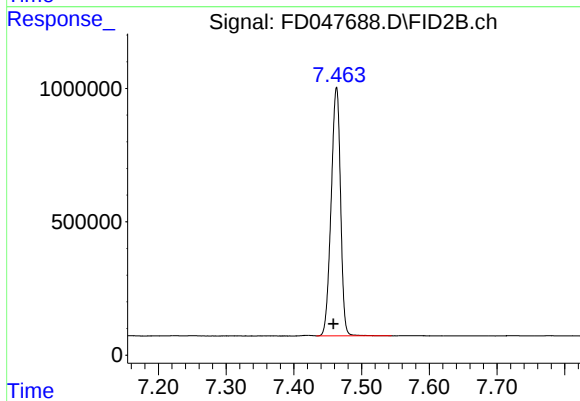
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 791351
Conc: 4.68 ug/ml



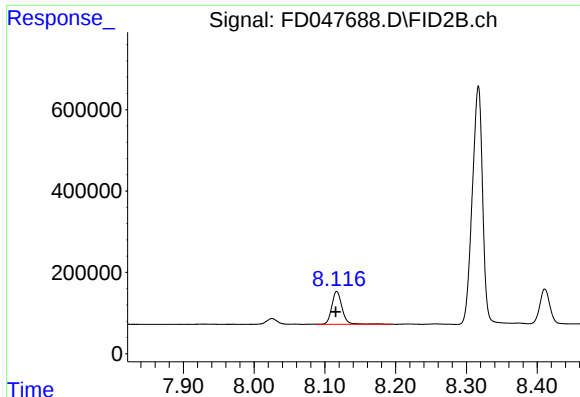
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.003 min
Response: 828393
Conc: 4.86 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 8966575
Conc: 57.17 ug/ml



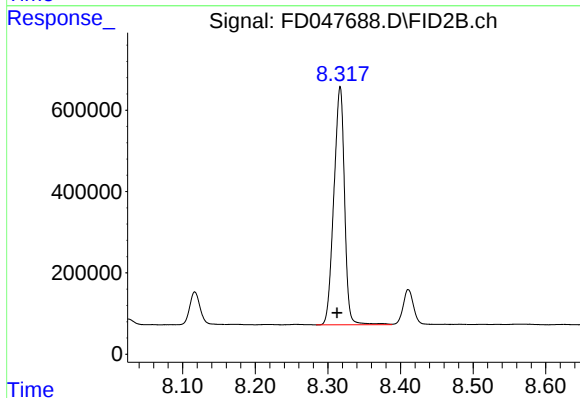
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 821175
Conc: 5.04 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

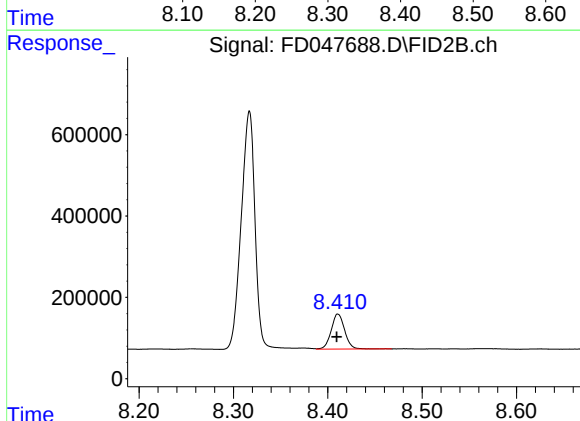
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



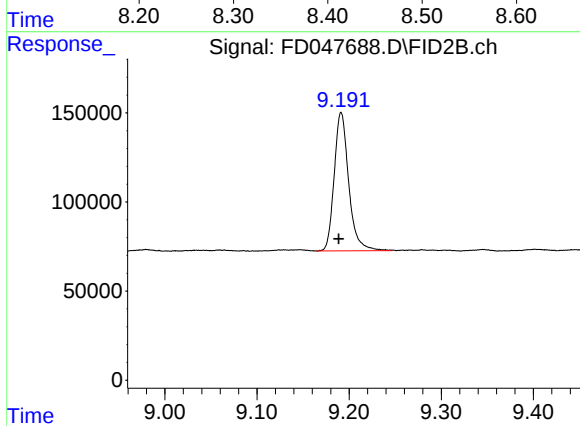
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.004 min
Response: 5978891
Conc: 57.16 ug/ml



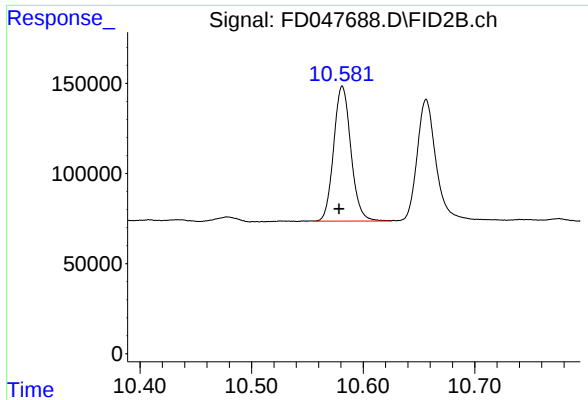
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 851913
Conc: 5.07 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 851023
Conc: 5.12 ug/ml m



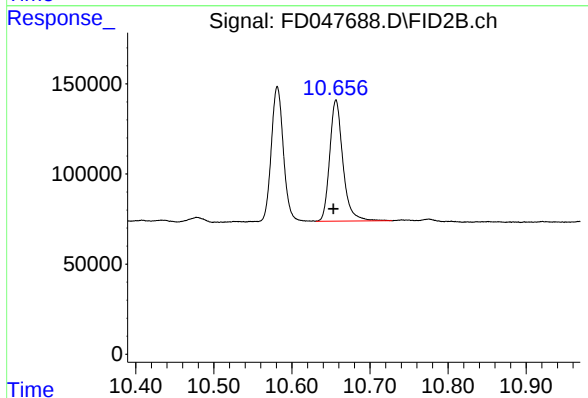
#9 Phenanthrene (C19.36)

R.T.: 10.581 min
Delta R.T.: 0.003 min
Response: 803922
Conc: 4.91 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

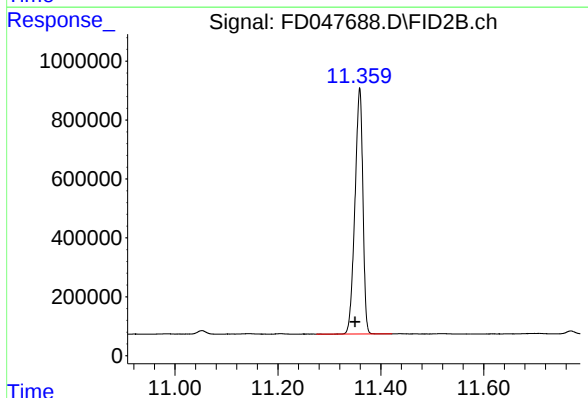
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



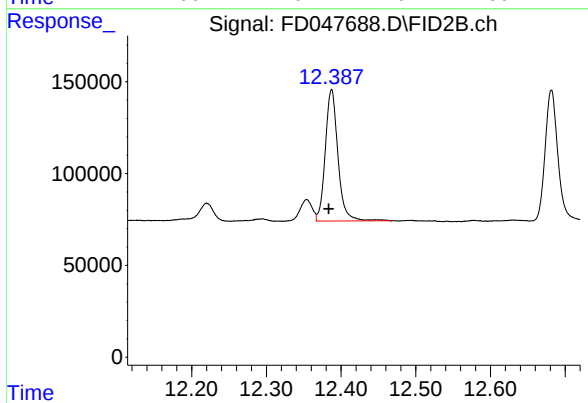
#10 Anthracene (C19.43)

R.T.: 10.657 min
Delta R.T.: 0.003 min
Response: 788355
Conc: 5.26 ug/ml



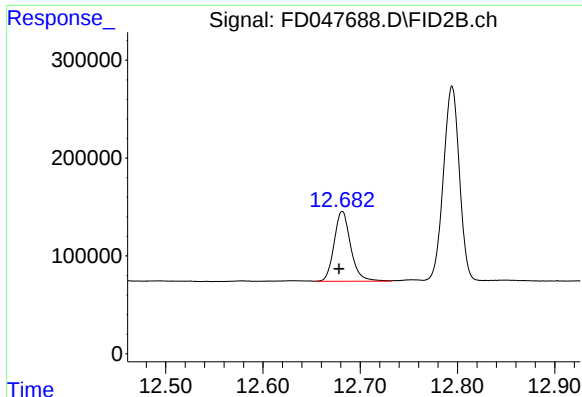
#11 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: 0.008 min
Response: 8923490
Conc: 47.58 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.387 min
Delta R.T.: 0.004 min
Response: 845669
Conc: 5.10 ug/ml



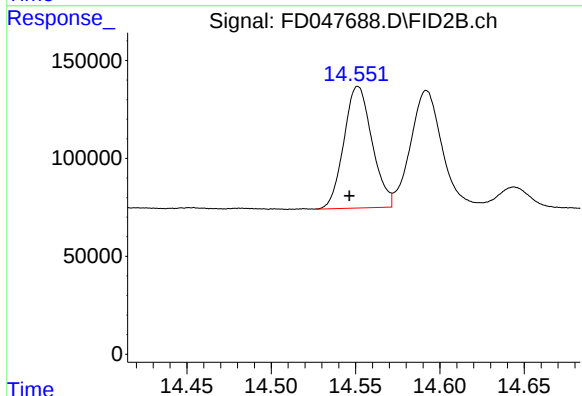
#13 Pyrene (C20.8)

R.T.: 12.682 min
Delta R.T.: 0.003 min
Response: 844026
Conc: 5.19 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

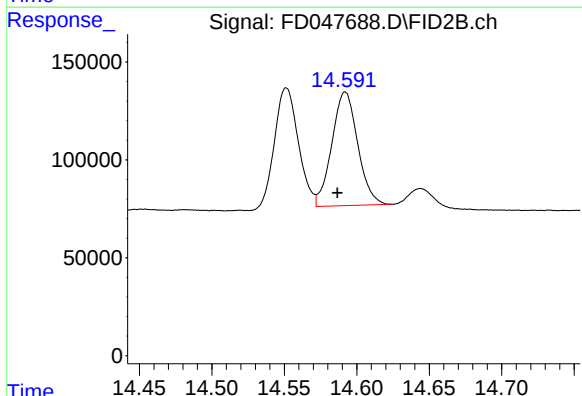
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



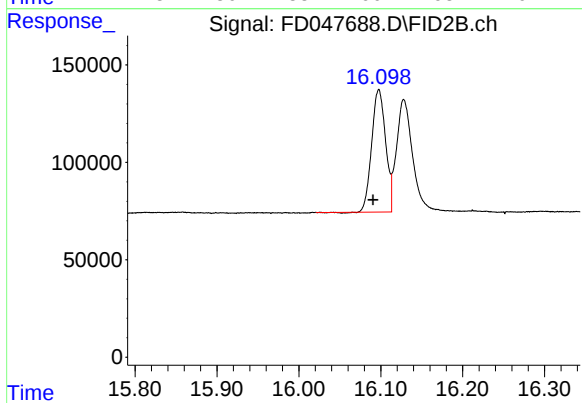
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.004 min
Response: 723230
Conc: 4.95 ug/ml m



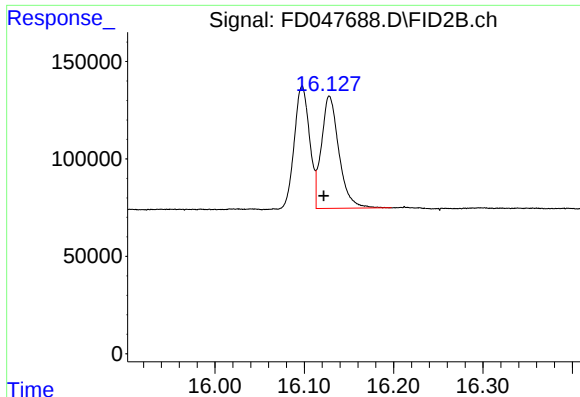
#15 Chrysene (C27.41)

R.T.: 14.592 min
Delta R.T.: 0.005 min
Response: 721256
Conc: 4.58 ug/ml



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

R.T.: 16.098 min
Delta R.T.: 0.007 min
Response: 741644
Conc: 4.97 ug/ml



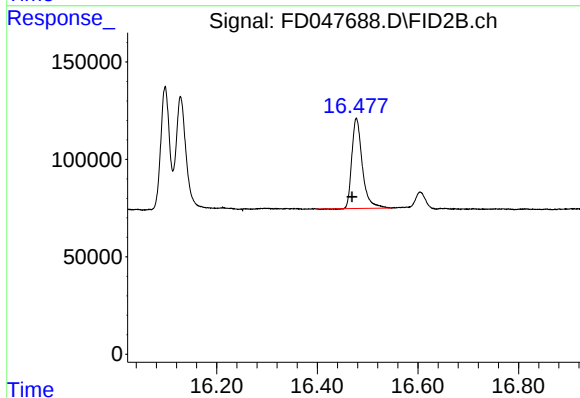
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.128 min
Delta R.T.: 0.007 min
Response: 784494
Conc: 5.21 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

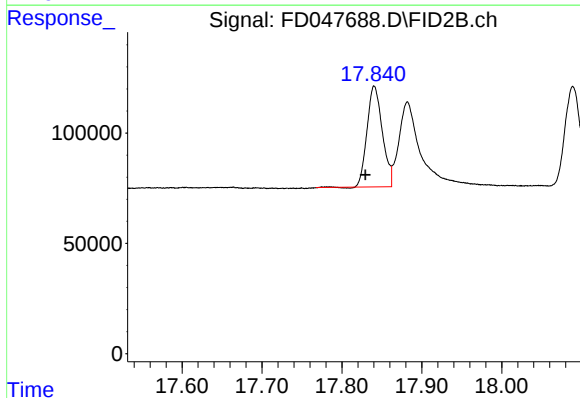
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024



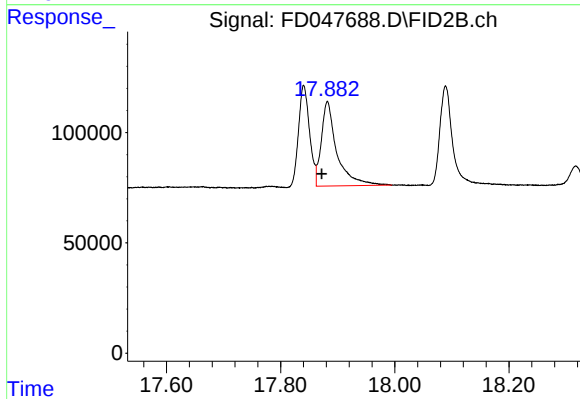
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.009 min
Response: 669858
Conc: 4.64 ug/ml



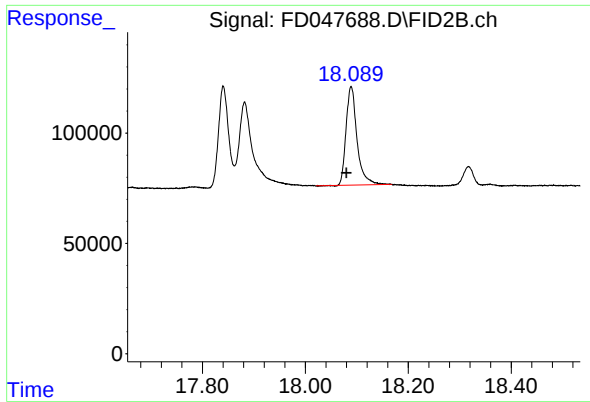
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.011 min
Response: 608145
Conc: 4.48 ug/ml



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

R.T.: 17.882 min
Delta R.T.: 0.010 min
Response: 728582
Conc: 5.09 ug/ml



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

R.T.: 18.089 min
Delta R.T.: 0.009 min
Response: 663154
Conc: 4.83 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :Ankita Jodhani 05/10/2024