

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048458.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 18:29
 Operator : YP/AJ
 Sample : P4368-08
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 04:58:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.380	8437937	50.964 ug/ml
Spiked Amount 50.000		Recovery =	101.93%
6) S 2-Fluorobiphenyl (SURR)	8.229	5304347	51.149 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.30%
11) S ortho-Terphenyl (SURR)	11.265	8093937	43.990 ug/ml
Spiked Amount 50.000		Recovery =	87.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	693718	3.958 ug/ml
2) T Naphthalene (C11.7)	5.725	764301	4.093 ug/ml
3) T 2-Methylnaphthalene (...)	6.772	778642	4.120 ug/ml
5) T Acenaphthylene (C15.06)	8.034	789872	4.117 ug/ml
7) T Acenaphthene (C15.5)	8.326	872085	4.610 ug/ml
8) T Flouorene (C16.55)	9.110	751715	4.161 ug/ml
9) T Phenanthrene (C19.36)	10.497	723609	4.083 ug/ml
10) T Anthracene (C19.43)	10.576	760558	4.274 ug/ml
12) T Fluoranthene (C21.85)	12.300	763774	4.223 ug/mlm
13) T Pyrene (C20.8)	12.594	788889	4.406 ug/ml
14) T Benzo[a]anthracene (C...	14.465	545930	3.416 ug/mlm
15) T Chrysene (C27.41)	14.504	788542	4.227 ug/ml
16) T benzo[b]fluoranthene ...	16.007	615727	3.697 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.041	781600	4.604 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.398	646002	3.952 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	484395	3.682 ug/mlm
20) T Dibenz[a,h]anthracene...	17.813	747870	4.469 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	676695	4.166 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
Data File : FD048458.D
Signal(s) : FID2B.ch
Acq On : 11 Oct 2024 18:29
Operator : YP/AJ
Sample : P4368-08
Misc :
ALS Vial : 74 Sample Multiplier: 1

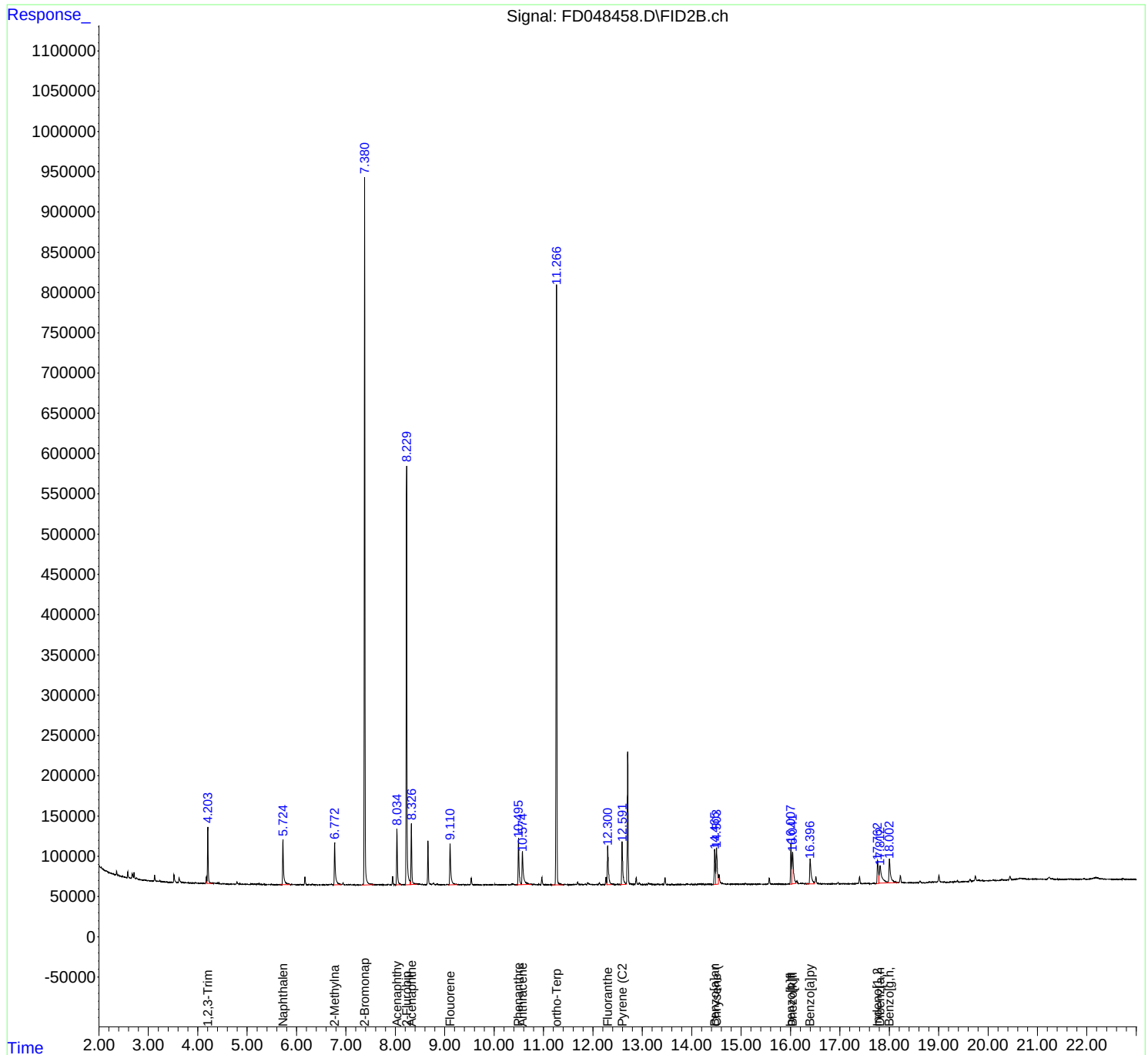
Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

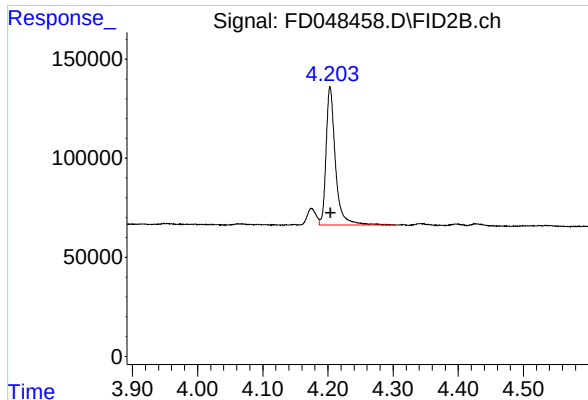
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
Quant Time: Oct 14 04:58:04 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 14:17:34 2024
Response via : Initial Calibration
Integrator: ChemStation

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





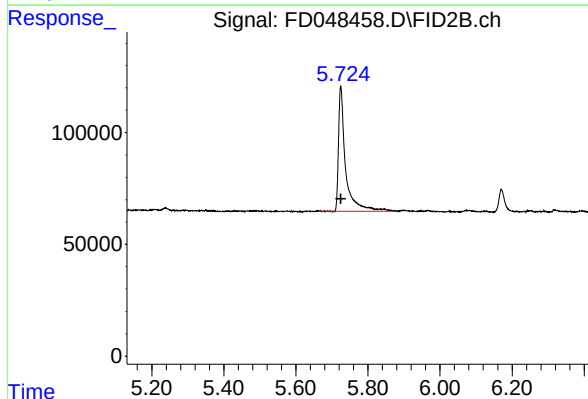
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 693718
Conc: 3.96 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

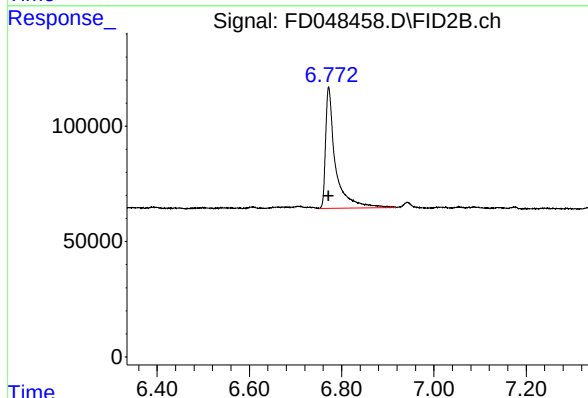
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



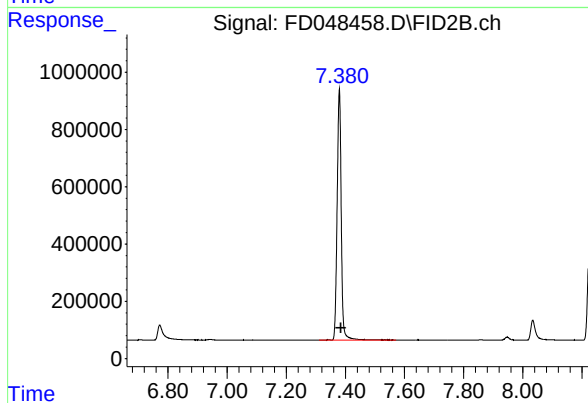
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 764301
Conc: 4.09 ug/ml



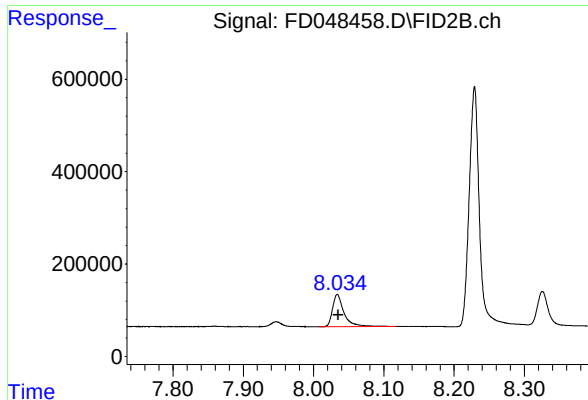
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 778642
Conc: 4.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.380 min
Delta R.T.: -0.005 min
Response: 8437937
Conc: 50.96 ug/ml



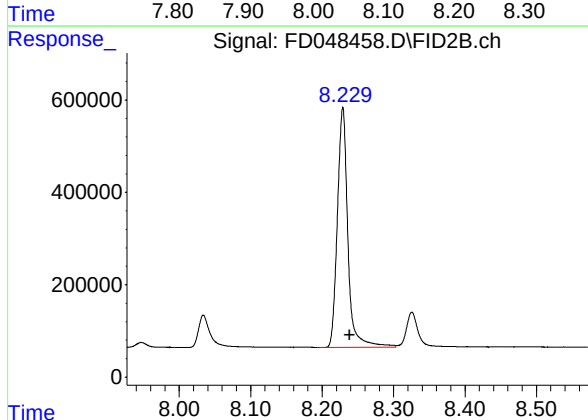
#5 Acenaphthylene (C15.06)

R.T.: 8.034 min
Delta R.T.: -0.001 min
Response: 789872
Conc: 4.12 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

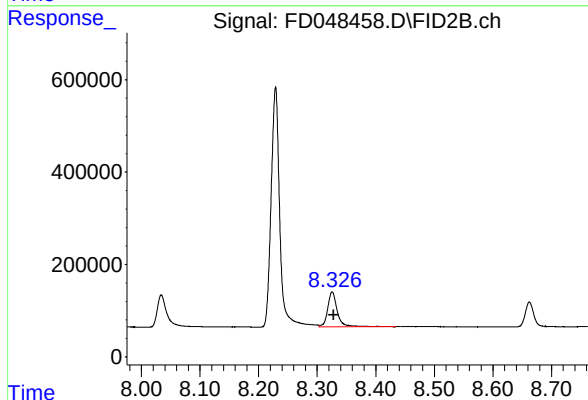
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



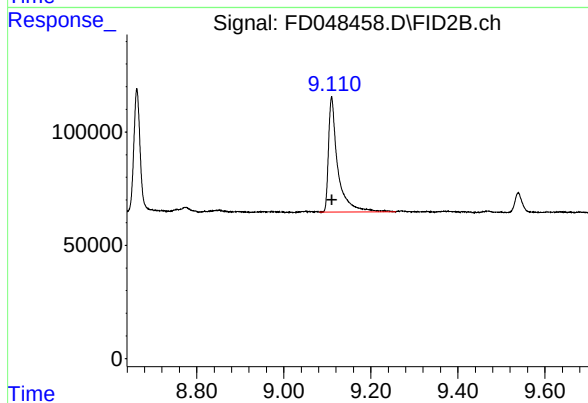
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min
Delta R.T.: -0.010 min
Response: 5304347
Conc: 51.15 ug/ml



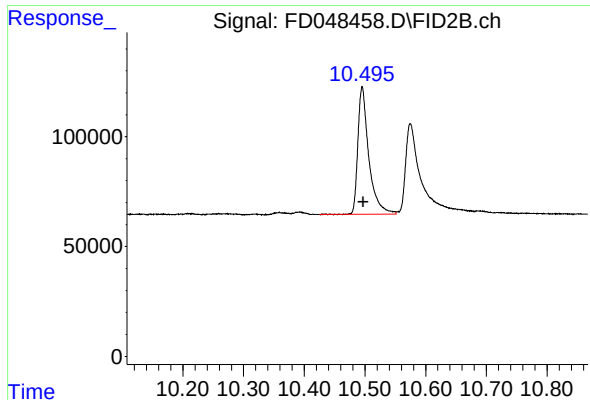
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 872085
Conc: 4.61 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.110 min
Delta R.T.: 0.000 min
Response: 751715
Conc: 4.16 ug/ml



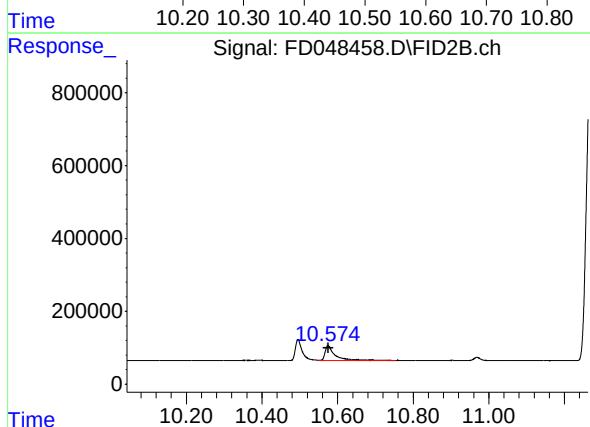
#9 Phenanthrene (C19.36)

R.T.: 10.497 min
Delta R.T.: 0.000 min
Response: 723609
Conc: 4.08 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

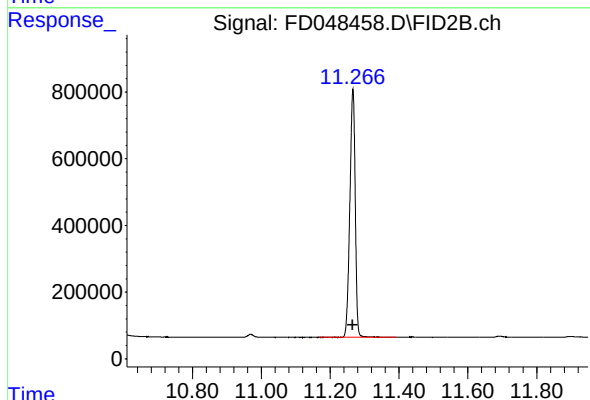
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



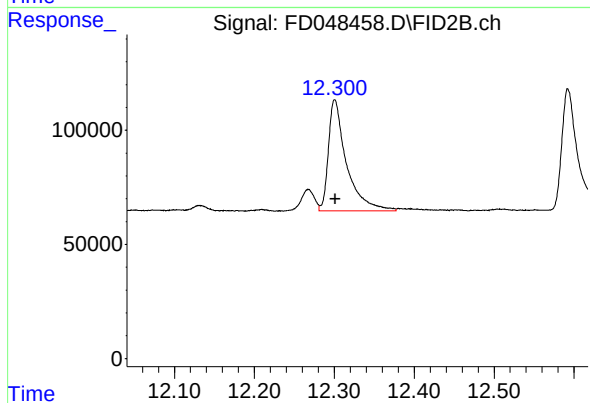
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: 0.000 min
Response: 760558
Conc: 4.27 ug/ml



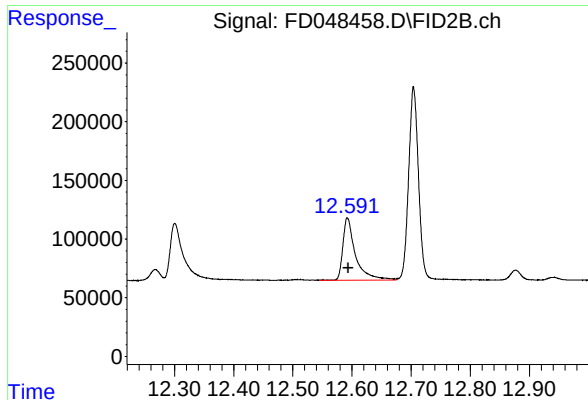
#11 ortho-Terphenyl (SURRE)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 8093937
Conc: 43.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.300 min
Delta R.T.: -0.001 min
Response: 763774
Conc: 4.22 ug/ml m



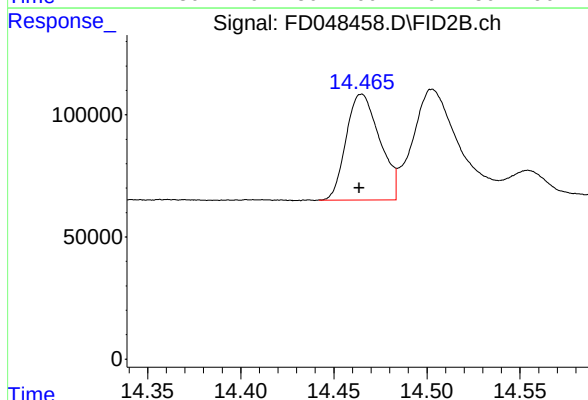
#13 Pyrene (C20.8)

R.T.: 12.594 min
Delta R.T.: 0.000 min
Response: 788889
Conc: 4.41 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

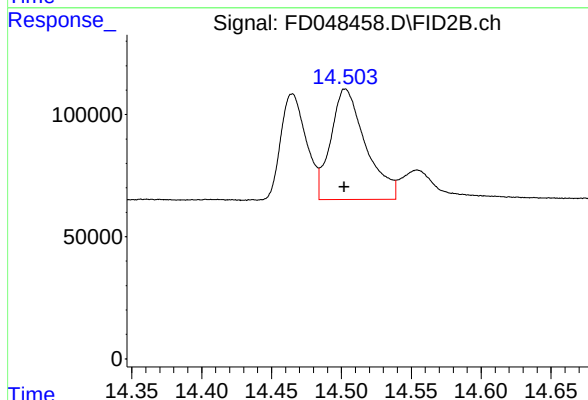
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



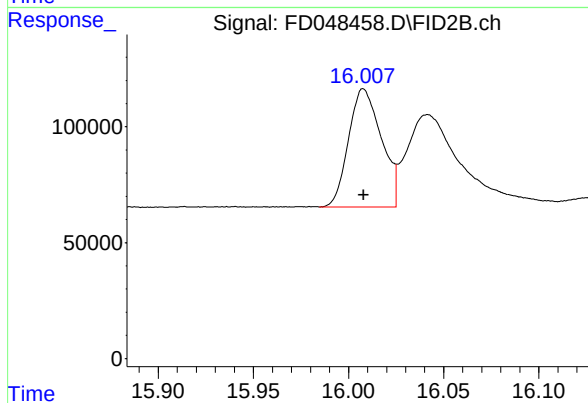
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: 0.001 min
Response: 545930
Conc: 3.42 ug/ml m



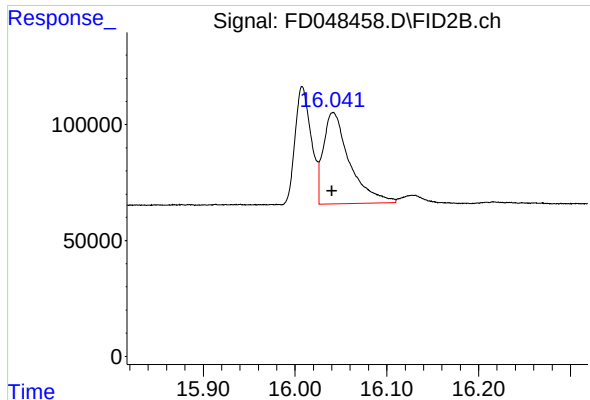
#15 Chrysene (C27.41)

R.T.: 14.504 min
Delta R.T.: 0.002 min
Response: 788542
Conc: 4.23 ug/ml



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

R.T.: 16.007 min
Delta R.T.: 0.000 min
Response: 615727
Conc: 3.70 ug/ml m



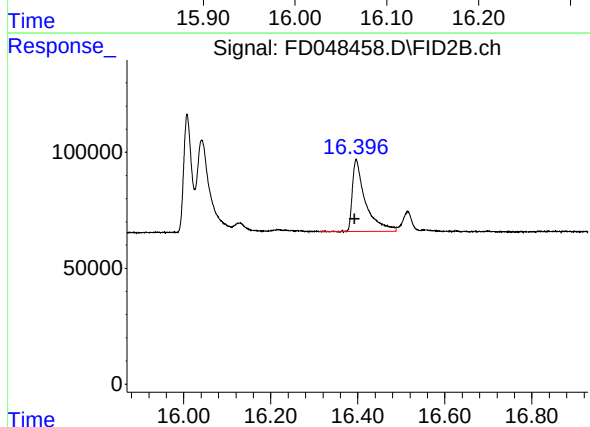
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: 0.000 min
Response: 781600
Conc: 4.60 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

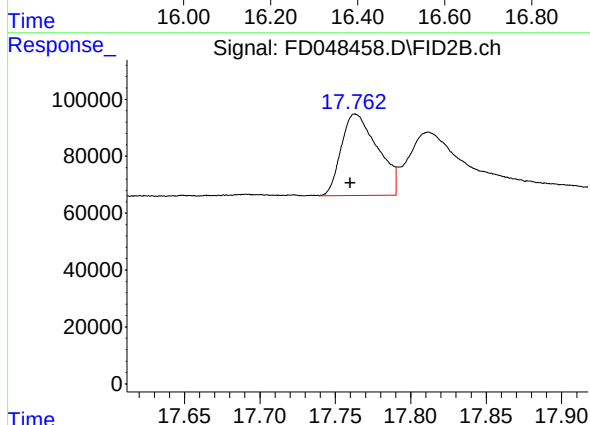
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



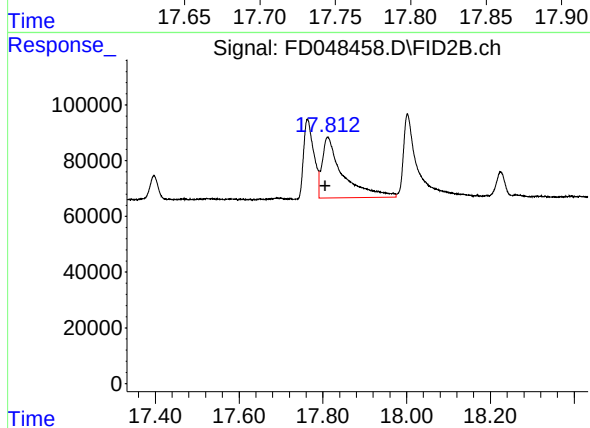
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min
Delta R.T.: 0.005 min
Response: 646002
Conc: 3.95 ug/ml



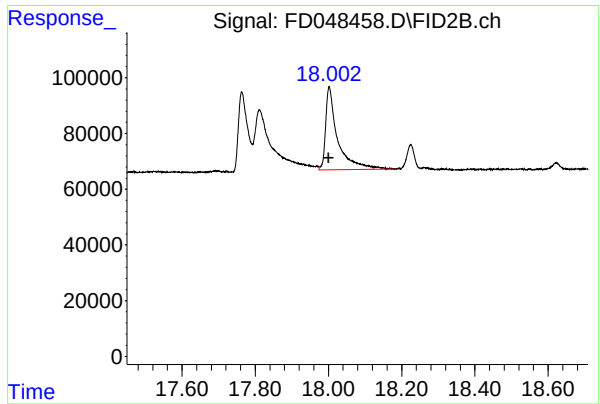
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: 0.002 min
Response: 484395
Conc: 3.68 ug/ml m



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

R.T.: 17.813 min
Delta R.T.: 0.006 min
Response: 747870
Conc: 4.47 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.003 min
Response: 676695
Conc: 4.17 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024