

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
 Data File : FD048457.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 17:52
 Operator : YP/AJ
 Sample : P4368-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-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 04:57:54 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...	7.379	7869227	47.529 ug/ml
Spiked Amount 50.000		Recovery =	95.06%
6) S 2-Fluorobiphenyl (SURR)	8.229	4605230	44.407 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.81%
11) S ortho-Terphenyl (SURR)	11.266	7863800	42.739 ug/ml
Spiked Amount 50.000		Recovery =	85.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	502835	2.869 ug/ml
2) T Naphthalene (C11.7)	5.726	544342	2.915 ug/mlm
3) T 2-Methylnaphthalene (...)	6.775	577453	3.055 ug/ml
5) T Acenaphthylene (C15.06)	8.035	618124	3.222 ug/ml
7) T Acenaphthene (C15.5)	8.327	636756	3.366 ug/ml
8) T Fluorene (C16.55)	9.113	582888	3.226 ug/ml
9) T Phenanthrene (C19.36)	10.498	555176	3.133 ug/mlm
10) T Anthracene (C19.43)	10.577	591045	3.322 ug/mlm
12) T Fluoranthene (C21.85)	12.304	598391	3.308 ug/ml
13) T Pyrene (C20.8)	12.595	595682	3.327 ug/ml
14) T Benzo[a]anthracene (C...	14.469	395133	2.472 ug/ml
15) T Chrysene (C27.41)	14.507	611032	3.276 ug/ml
16) T benzo[b]fluoranthene ...	16.011	447247	2.685 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.046	623001	3.670 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.401	494159	3.023 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.770	345330	2.625 ug/mlm
20) T Dibenz[a,h]anthracene...	17.820	545730	3.261 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	490430	3.019 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AR\
Data File : FD048457.D
Signal(s) : FID2B.ch
Acq On : 11 Oct 2024 17:52
Operator : YP/AJ
Sample : P4368-07
Misc :
ALS Vial : 73 Sample Multiplier: 1

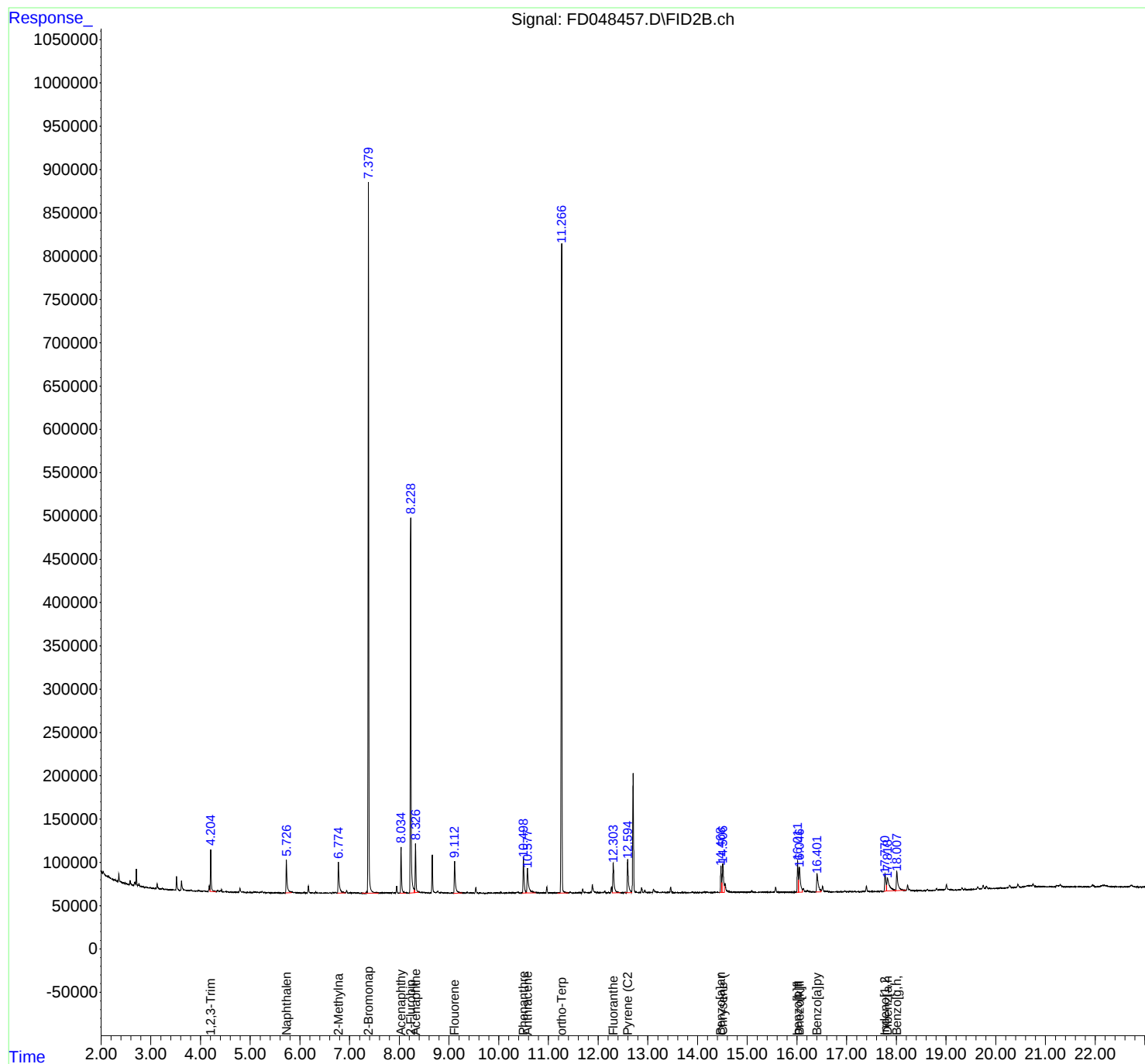
Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

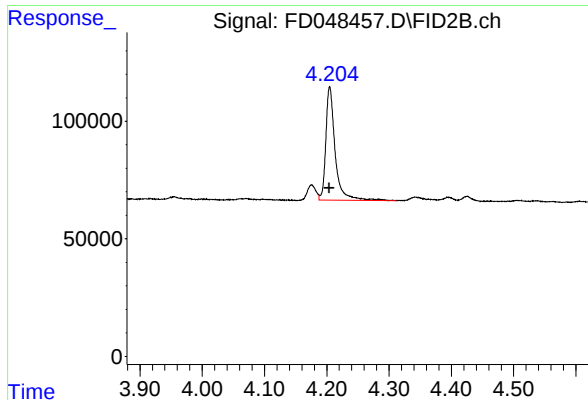
Manual Integrations
APPROVED

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

Integration File: autoint1.e
Quant Time: Oct 14 04:57:54 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





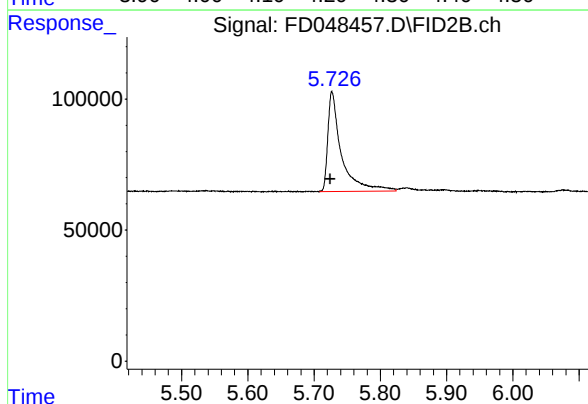
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.205 min
Delta R.T.: 0.001 min
Response: 502835
Conc: 2.87 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

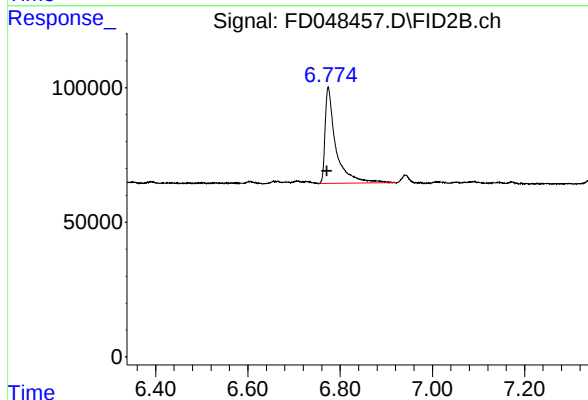
Manual Integrations
APPROVED

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



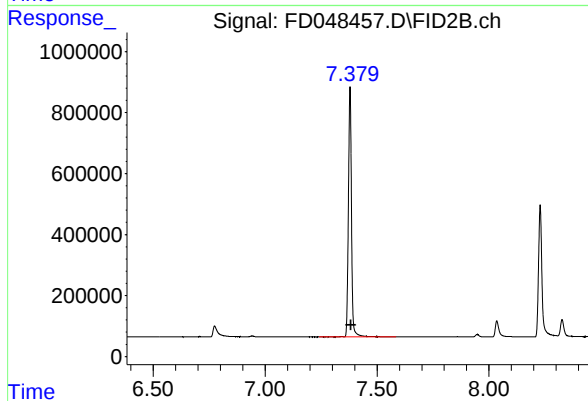
#2 Naphthalene (C11.7)

R.T.: 5.726 min
Delta R.T.: 0.002 min
Response: 544342
Conc: 2.92 ug/ml m



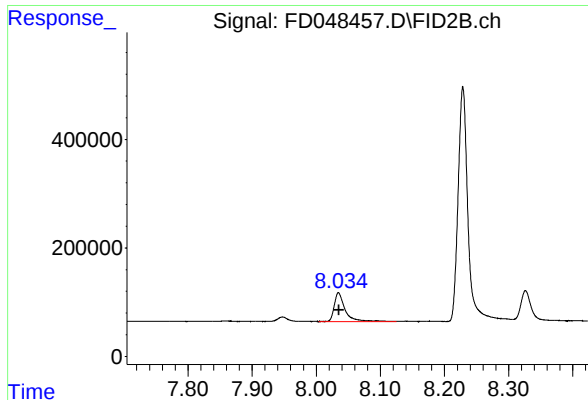
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: 0.003 min
Response: 577453
Conc: 3.06 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.379 min
Delta R.T.: -0.005 min
Response: 7869227
Conc: 47.53 ug/ml



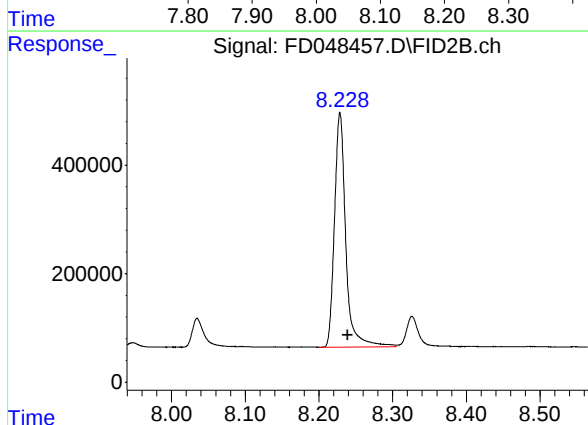
#5 Acenaphthylene (C15.06)

R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 618124
Conc: 3.22 ug/ml

Instrument :
FID_D
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

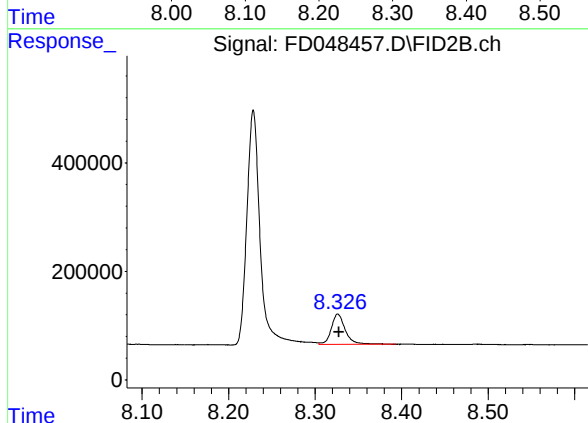
Manual Integrations
APPROVED

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



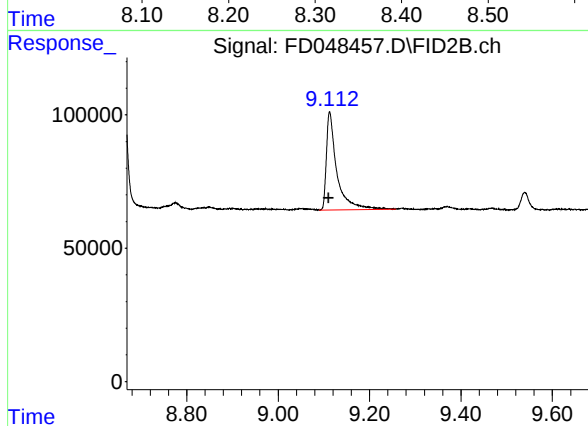
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.229 min
Delta R.T.: -0.010 min
Response: 4605230
Conc: 44.41 ug/ml



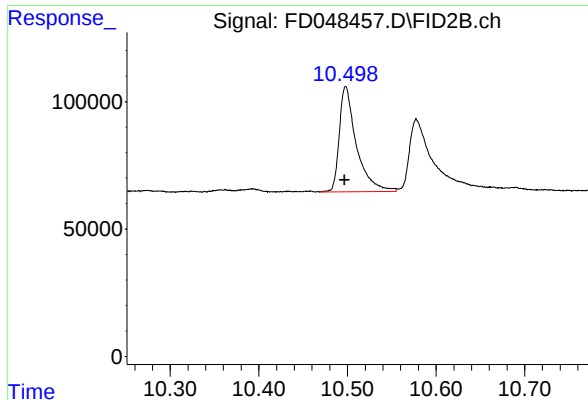
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: -0.001 min
Response: 636756
Conc: 3.37 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.113 min
Delta R.T.: 0.003 min
Response: 582888
Conc: 3.23 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.498 min
Delta R.T.: 0.000 min
Response: 555176
Conc: 3.13 ug/ml

Instrument :

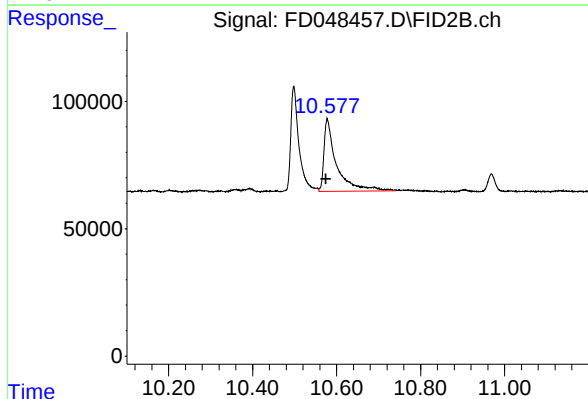
FID_D

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

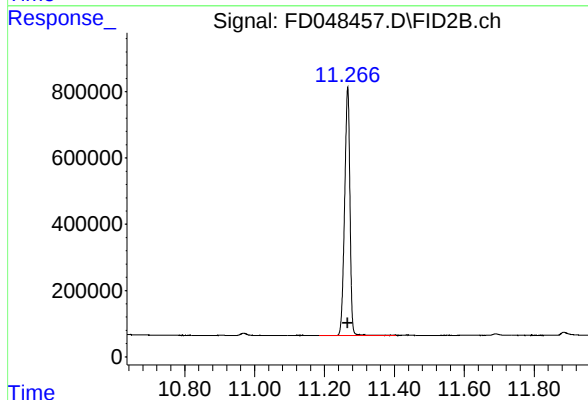
Manual Integrations
APPROVED

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



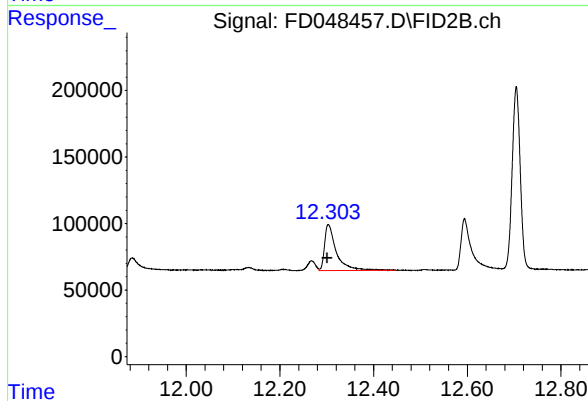
#10 Anthracene (C19.43)

R.T.: 10.577 min
Delta R.T.: 0.002 min
Response: 591045
Conc: 3.32 ug/ml m



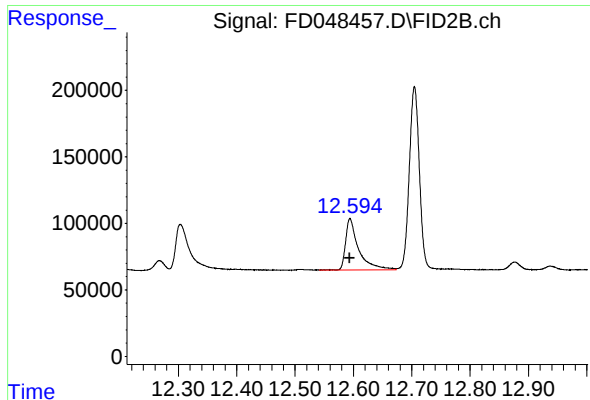
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 7863800
Conc: 42.74 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.304 min
Delta R.T.: 0.003 min
Response: 598391
Conc: 3.31 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.595 min
Delta R.T.: 0.001 min
Response: 595682
Conc: 3.33 ug/ml

Instrument :

FID_D

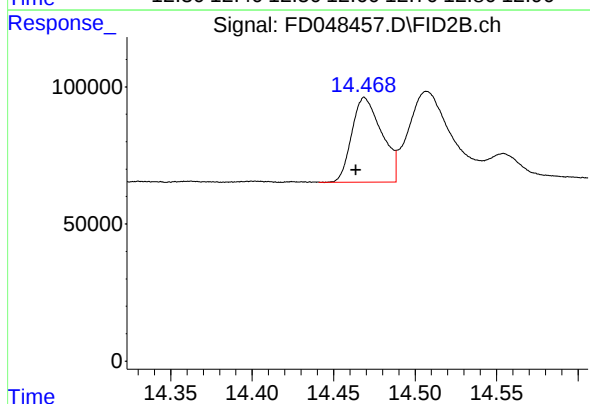
ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Manual Integrations

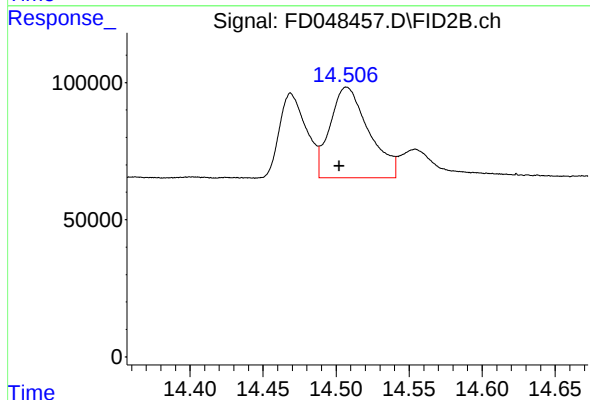
APPROVED

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



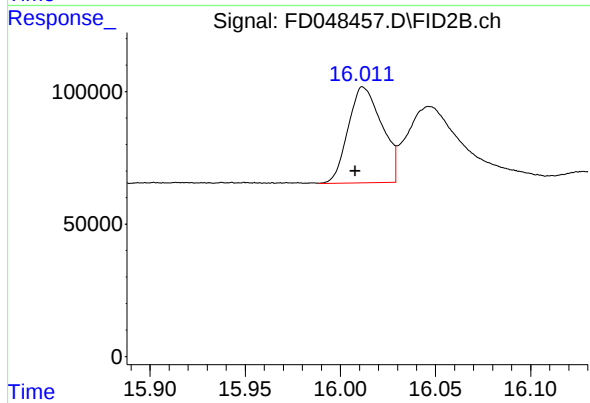
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: 0.006 min
Response: 395133
Conc: 2.47 ug/ml



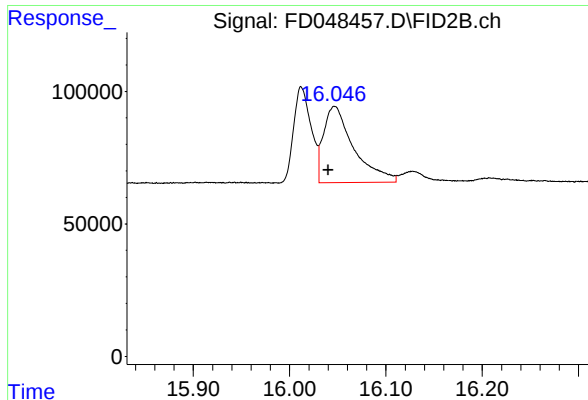
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: 0.005 min
Response: 611032
Conc: 3.28 ug/ml



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

R.T.: 16.011 min
Delta R.T.: 0.004 min
Response: 447247
Conc: 2.69 ug/ml m



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

R.T.: 16.046 min
Delta R.T.: 0.005 min
Response: 623001
Conc: 3.67 ug/ml

Instrument :

FID_D

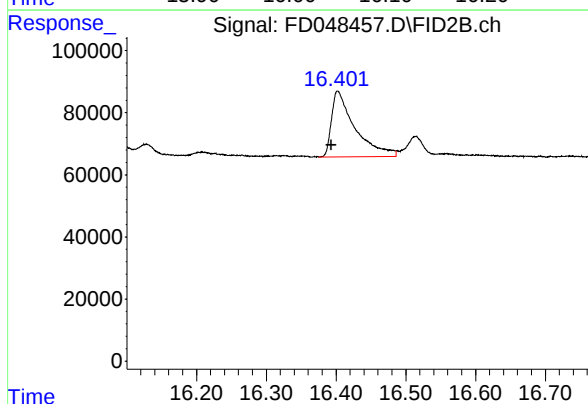
ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Manual Integrations

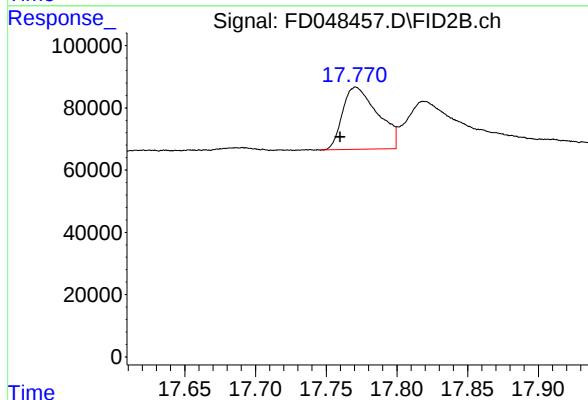
APPROVED

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



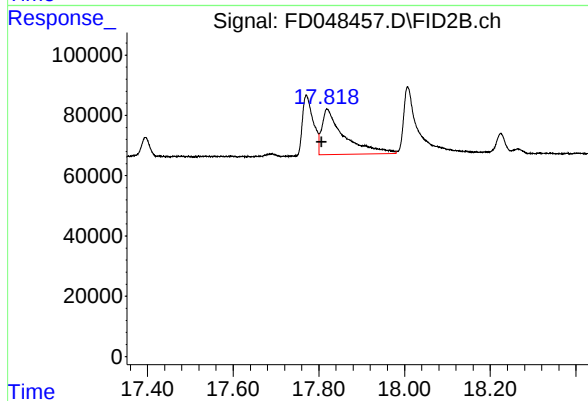
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.401 min
Delta R.T.: 0.008 min
Response: 494159
Conc: 3.02 ug/ml m



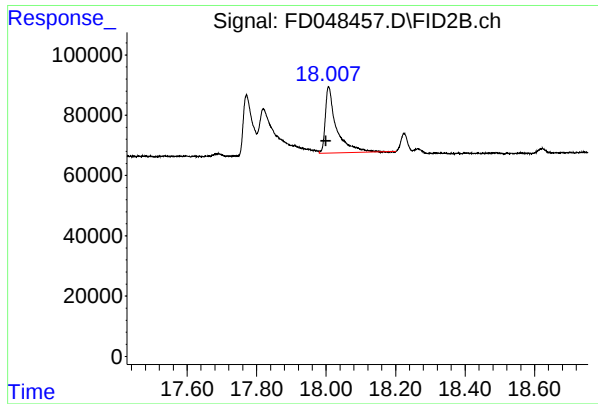
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.770 min
Delta R.T.: 0.010 min
Response: 345330
Conc: 2.63 ug/ml m



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

R.T.: 17.820 min
Delta R.T.: 0.013 min
Response: 545730
Conc: 3.26 ug/ml



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

R.T.: 18.008 min
Delta R.T.: 0.007 min
Response: 490430
Conc: 3.02 ug/ml

Instrument :

FID_D

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Manual Integrations

APPROVED

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