

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
 Data File : FF014242.D
 Signal(s) : FID2B.ch
 Acq On : 14 May 2024 22:27
 Operator : YP\AJ
 Sample : P2403-07
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 04:52:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 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...	7.903	5312252	50.623 ug/ml
Spiked Amount 50.000		Recovery =	101.25%
6) S 2-Fluorobiphenyl (SURR)	8.774	3050533	50.407 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.81%
11) S ortho-Terphenyl (SURR)	11.838	5929775	42.010 ug/ml
Spiked Amount 50.000		Recovery =	84.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.517	417867	3.452 ug/ml
2) T Naphthalene (C11.7)	6.183	407501	3.480 ug/ml
3) T 2-Methylnaphthalene (...)	7.276	404731	3.632 ug/ml
5) T Acenaphthylene (C15.06)	8.573	477931	4.257 ug/ml
7) T Acenaphthene (C15.5)	8.871	637246	5.038 ug/ml
8) T Flouorene (C16.55)	9.662	420600	3.950 ug/ml
9) T Phenanthrene (C19.36)	11.066	388079	3.746 ug/ml
10) T Anthracene (C19.43)	11.143	378907	4.158 ug/ml
12) T Fluoranthene (C21.85)	12.884	469517	4.126 ug/ml
13) T Pyrene (C20.8)	13.179	479301	4.291 ug/mlm
14) T Benzo[a]anthracene (C...	15.067	246563	3.253 ug/ml
15) T Chrysene (C27.41)	15.107	582425	5.296 ug/ml
16) T benzo[b]fluoranthene ...	16.621	343303	3.421 ug/ml
17) T Bnezo[k]fluoranthene ...	16.653	560128	4.734 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.007	393450	3.748 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.380	246528	2.772 ug/mlm
20) T Dibenz[a,h]anthracene...	18.424	449371	4.225 ug/ml
21) T Benzo[g,h,i]perylene ...	18.626	457324	3.714 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051424AR\
Data File : FF014242.D
Signal(s) : FID2B.ch
Acq On : 14 May 2024 22:27
Operator : YP\AJ
Sample : P2403-07
Misc :
ALS Vial : 83 Sample Multiplier: 1

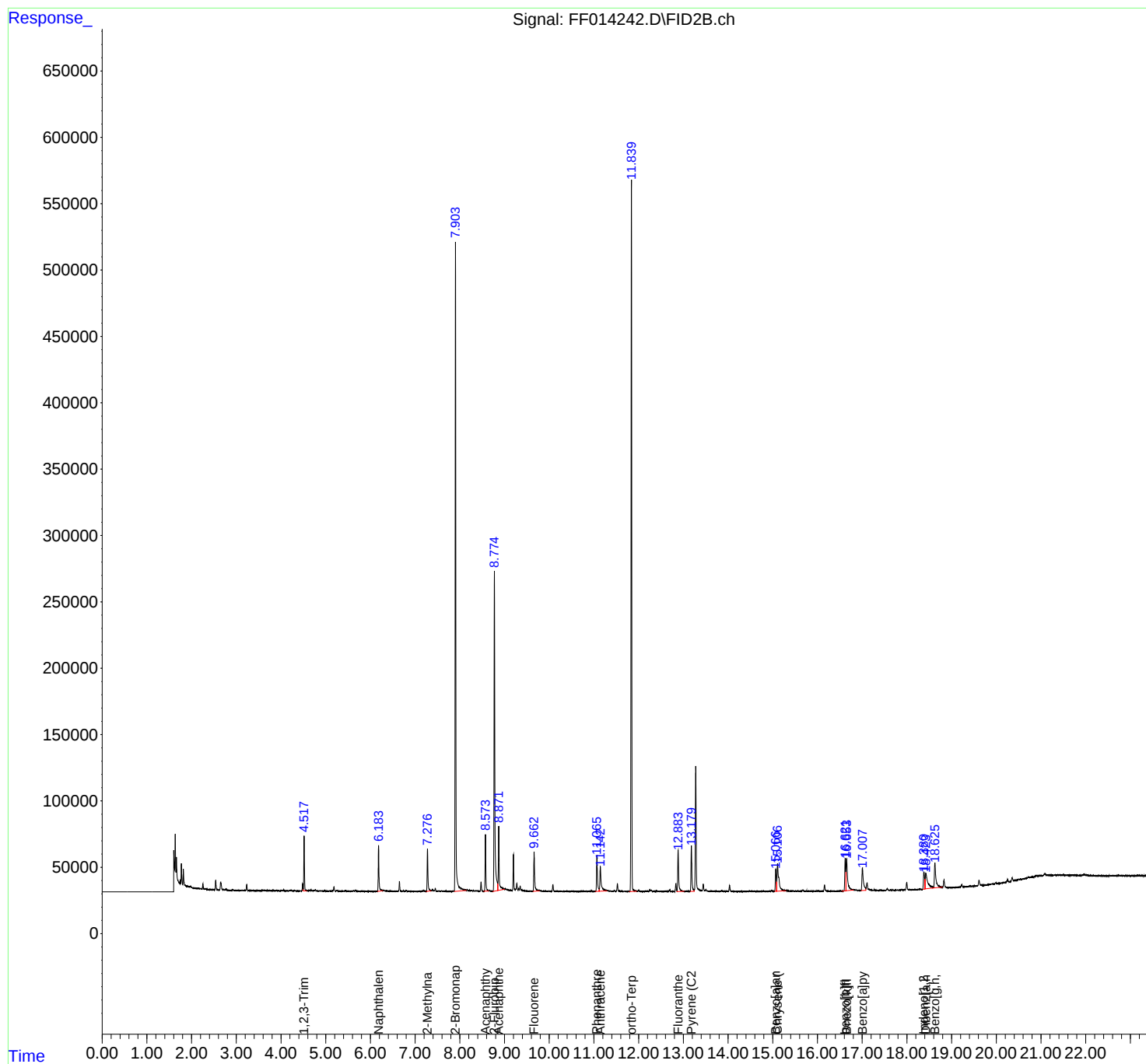
Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

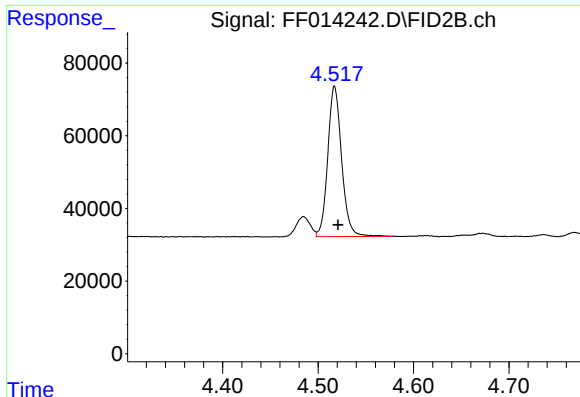
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
Quant Time: May 15 04:52:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
Quant Title : GC Extractables
QLast Update : Tue May 14 17:31:50 2024
Response via : Initial Calibration
Integrator: ChemStation

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





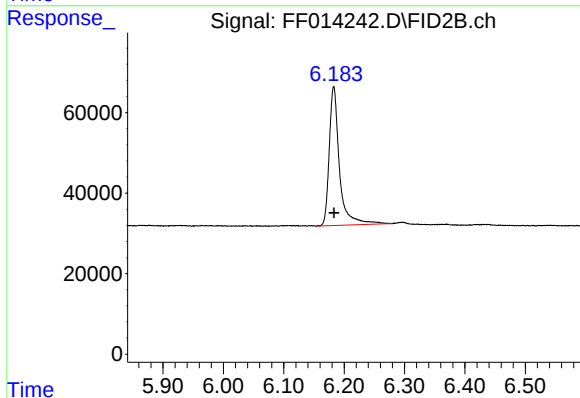
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.517 min
Delta R.T.: -0.004 min
Response: 417867
Conc: 3.45 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

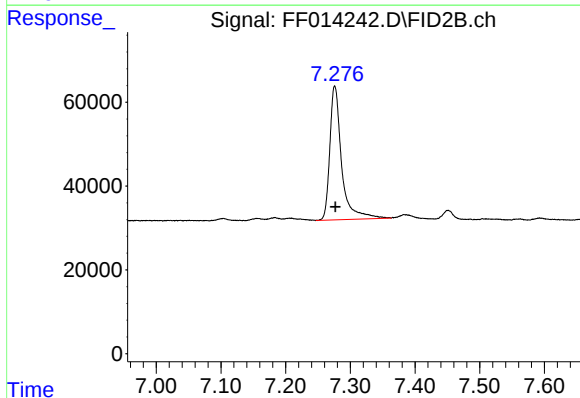
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



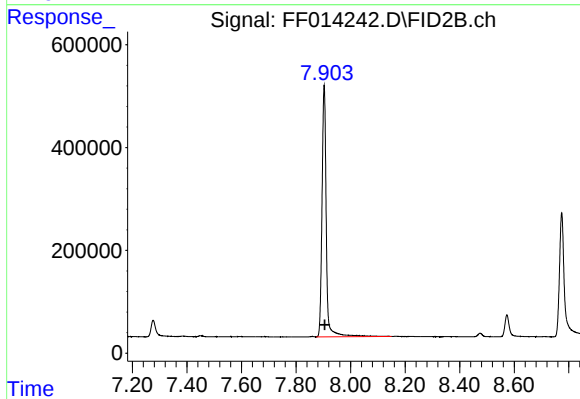
#2 Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 407501
Conc: 3.48 ug/ml



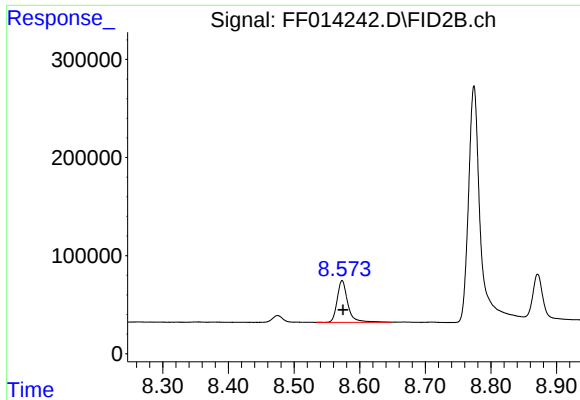
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 404731
Conc: 3.63 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.903 min
Delta R.T.: -0.001 min
Response: 5312252
Conc: 50.62 ug/ml



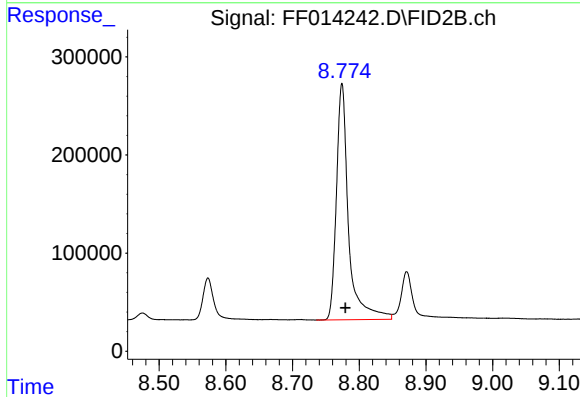
#5 Acenaphthylene (C15.06)

R.T.: 8.573 min
Delta R.T.: -0.001 min
Response: 477931
Conc: 4.26 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

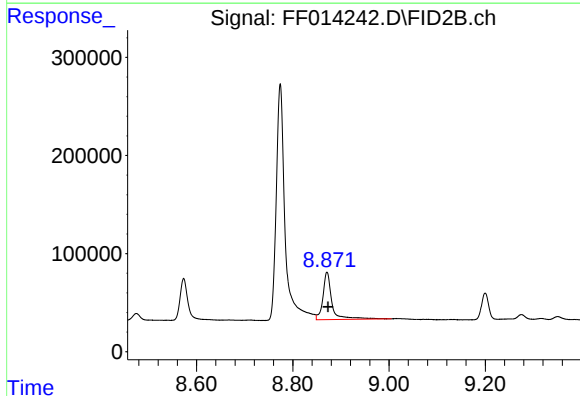
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



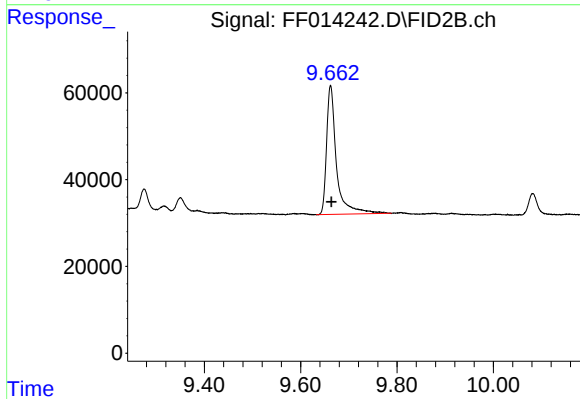
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.774 min
Delta R.T.: -0.005 min
Response: 3050533
Conc: 50.41 ug/ml



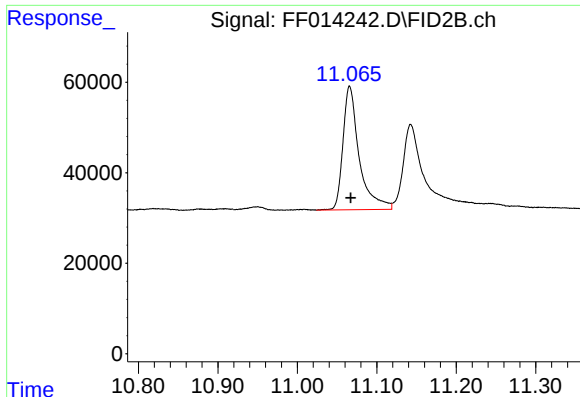
#7 Acenaphthene (C15.5)

R.T.: 8.871 min
Delta R.T.: -0.002 min
Response: 637246
Conc: 5.04 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.662 min
Delta R.T.: -0.002 min
Response: 420600
Conc: 3.95 ug/ml



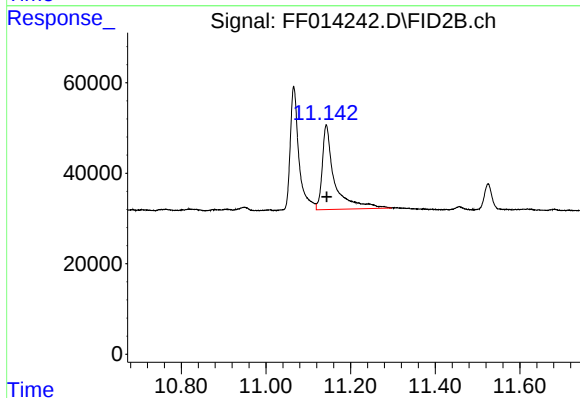
#9 Phenanthrene (C19.36)

R.T.: 11.066 min
Delta R.T.: 0.000 min
Response: 388079
Conc: 3.75 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

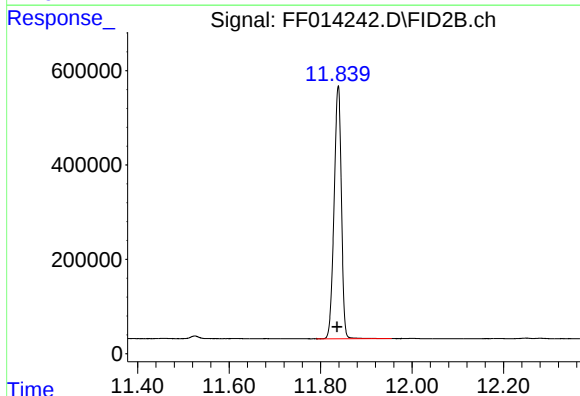
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



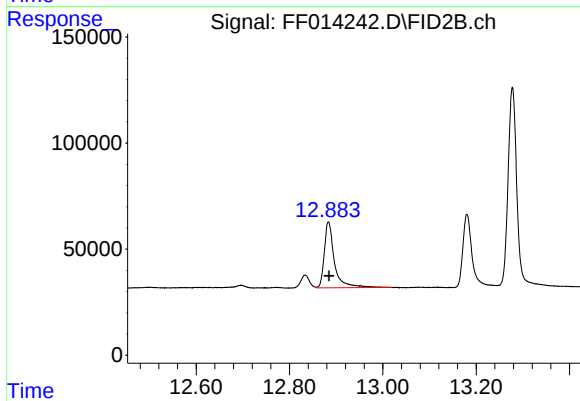
#10 Anthracene (C19.43)

R.T.: 11.143 min
Delta R.T.: -0.001 min
Response: 378907
Conc: 4.16 ug/ml



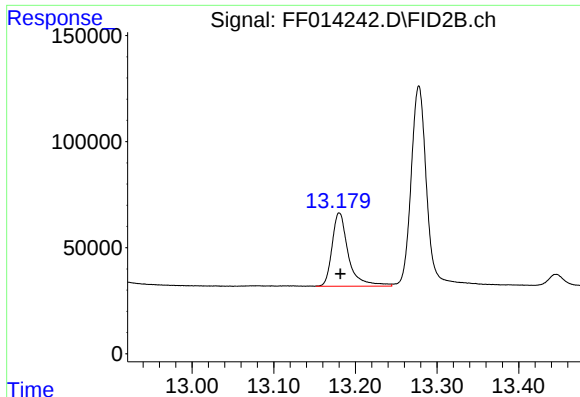
#11 ortho-Terphenyl (SURR)

R.T.: 11.838 min
Delta R.T.: 0.003 min
Response: 5929775
Conc: 42.01 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.884 min
Delta R.T.: 0.000 min
Response: 469517
Conc: 4.13 ug/ml



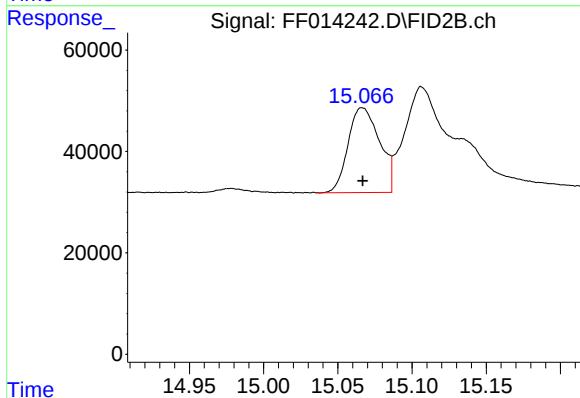
#13 Pyrene (C20.8)

R.T.: 13.179 min
Delta R.T.: -0.002 min
Response: 479301
Conc: 4.29 ug/ml

Instrument : FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

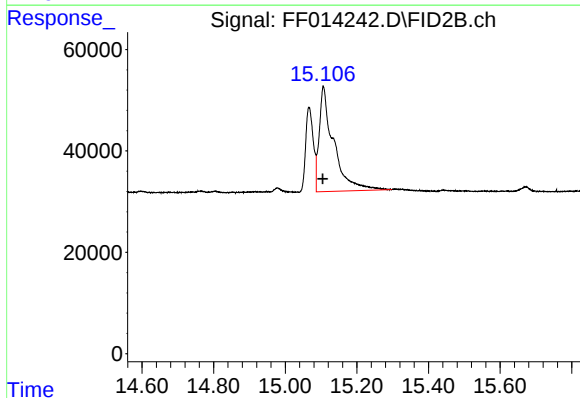
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



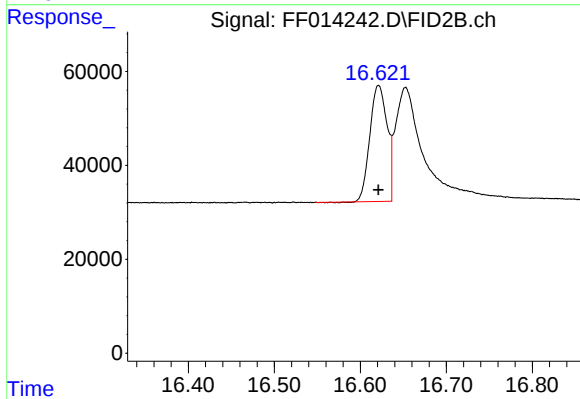
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.067 min
Delta R.T.: 0.000 min
Response: 246563
Conc: 3.25 ug/ml



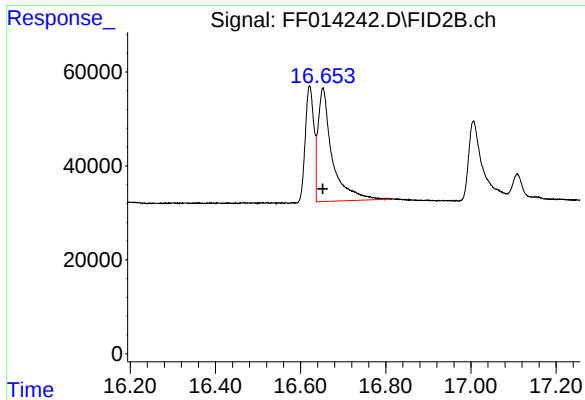
#15 Chrysene (C27.41)

R.T.: 15.107 min
Delta R.T.: 0.002 min
Response: 582425
Conc: 5.30 ug/ml



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

R.T.: 16.621 min
Delta R.T.: 0.000 min
Response: 343303
Conc: 3.42 ug/ml



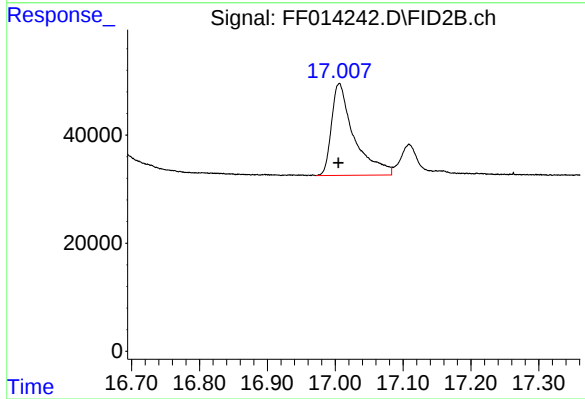
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.653 min
Delta R.T.: 0.000 min
Response: 560128
Conc: 4.73 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

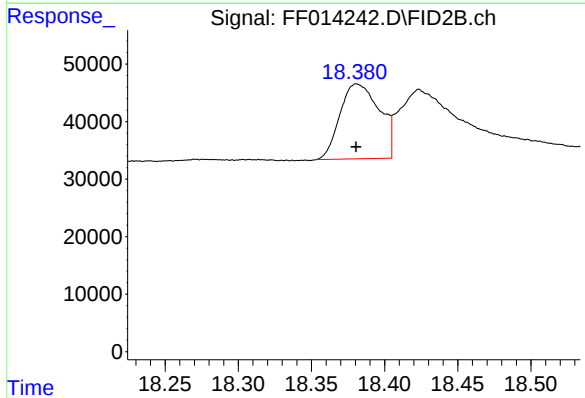
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024



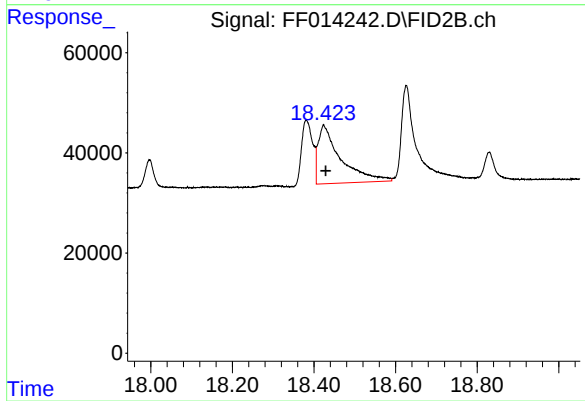
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.007 min
Delta R.T.: 0.002 min
Response: 393450
Conc: 3.75 ug/ml m



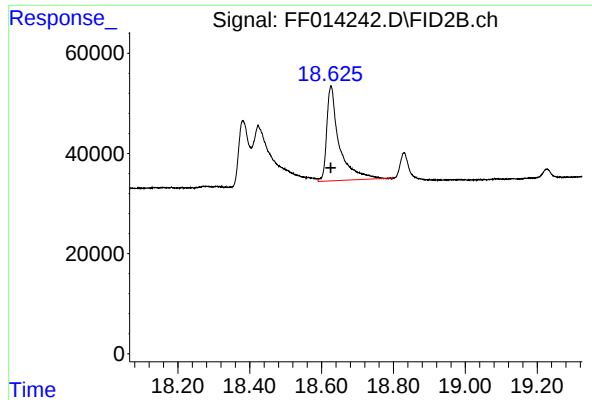
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.380 min
Delta R.T.: 0.000 min
Response: 246528
Conc: 2.77 ug/ml m



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

R.T.: 18.424 min
Delta R.T.: -0.005 min
Response: 449371
Conc: 4.23 ug/ml



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

R.T.: 18.626 min
Delta R.T.: 0.000 min
Response: 457324
Conc: 3.71 ug/ml

Instrument :

FID_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/15/2024
Supervised By :Ankita Jodhani 05/15/2024