

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
 Data File : FD048519.D
 Signal(s) : FID2B.ch
 Acq On : 15 Oct 2024 09:55
 Operator : YP/AJ
 Sample : P4368-09
 Misc : 2.5 PPM WATER MDL
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
 Quant Time: Oct 16 01:37:26 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...	7.377	7310029	44.151 ug/ml
Spiked Amount 50.000		Recovery =	88.30%
6) S 2-Fluorobiphenyl (SURR)	8.226	4622376	44.573 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.15%
11) S ortho-Terphenyl (SURR)	11.264	7095981	38.566 ug/ml
Spiked Amount 50.000		Recovery =	77.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.199	301710	1.722 ug/ml
2) T Naphthalene (C11.7)	5.718	336955	1.805 ug/ml
3) T 2-Methylnaphthalene (...)	6.765	343142	1.816 ug/ml
5) T Acenaphthylene (C15.06)	8.029	359952	1.876 ug/ml
7) T Acenaphthene (C15.5)	8.321	384339	2.032 ug/ml
8) T Fluorene (C16.55)	9.104	336912	1.865 ug/ml
9) T Phenanthrene (C19.36)	10.491	312465	1.763 ug/mlm
10) T Anthracene (C19.43)	10.568	296445	1.666 ug/ml
12) T Fluoranthene (C21.85)	12.297	341931	1.890 ug/ml
13) T Pyrene (C20.8)	12.589	342615	1.913 ug/ml
14) T Benzo[a]anthracene (C...	14.461	260790	1.632 ug/mlm
15) T Chrysene (C27.41)	14.499	331013	1.775 ug/mlm
16) T benzo[b]fluoranthene ...	16.007	270101	1.622 ug/ml
17) T Bnezo[k]fluoranthene ...	16.039	319767	1.884 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.389	297148	1.818 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.755	237066	1.802 ug/mlm
20) T Dibenz[a,h]anthracene...	17.798	345849	2.067 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	281891	1.736 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AR\
Data File : FD048519.D
Signal(s) : FID2B.ch
Acq On : 15 Oct 2024 09:55
Operator : YP/AJ
Sample : P4368-09
Misc : 2.5 PPM WATER MDL
ALS Vial : 84 Sample Multiplier: 1

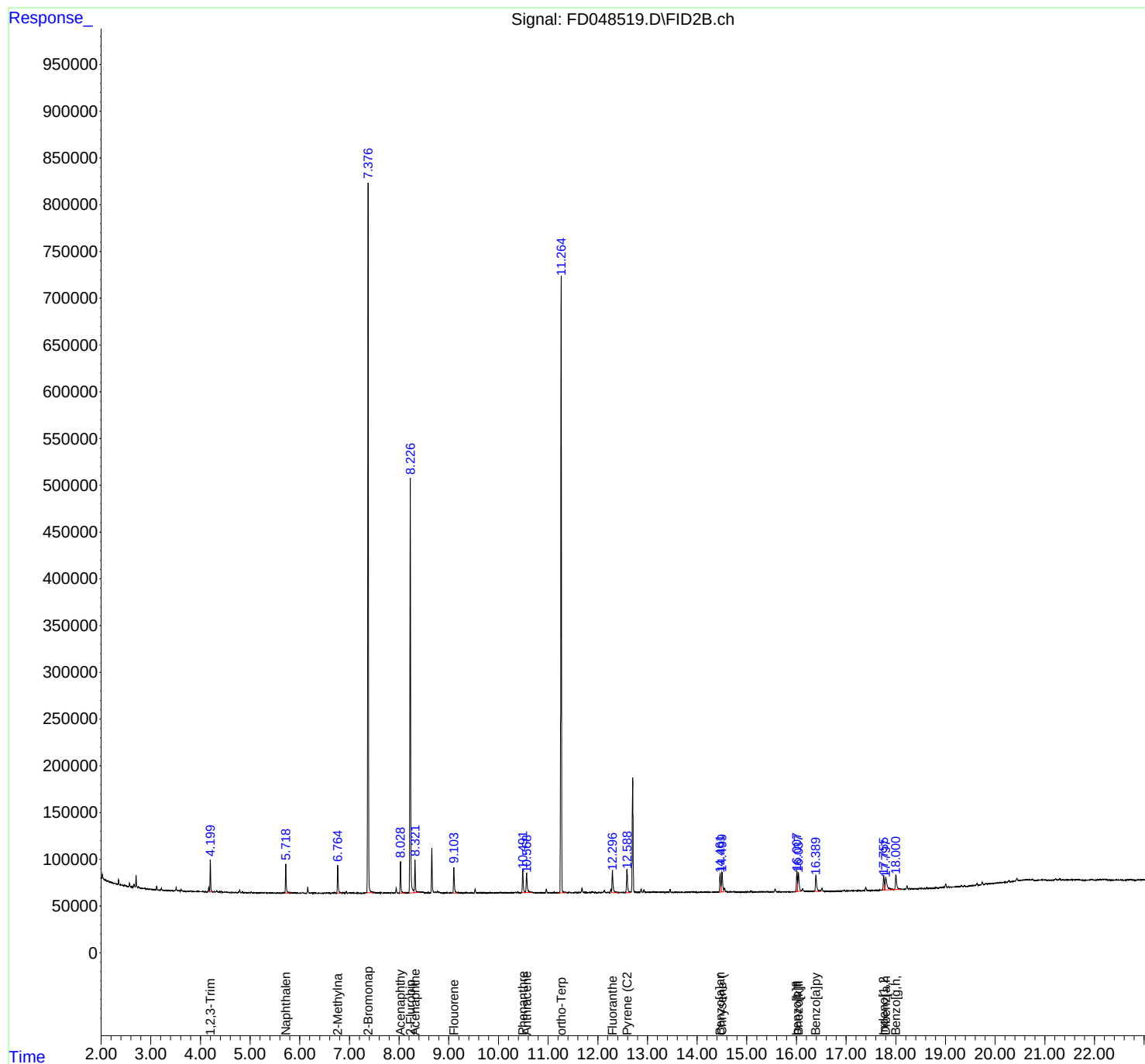
Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT4-2024

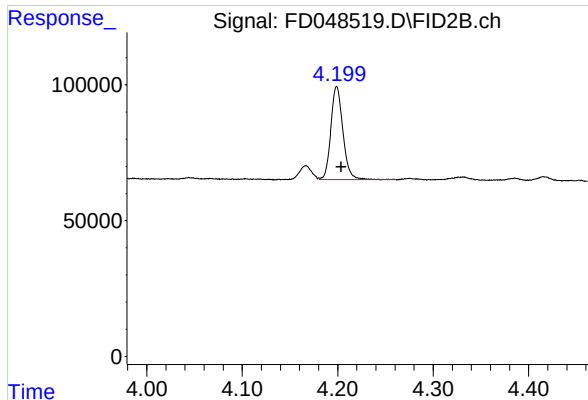
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024

Integration File: autoint1.e
Quant Time: Oct 16 01:37:26 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





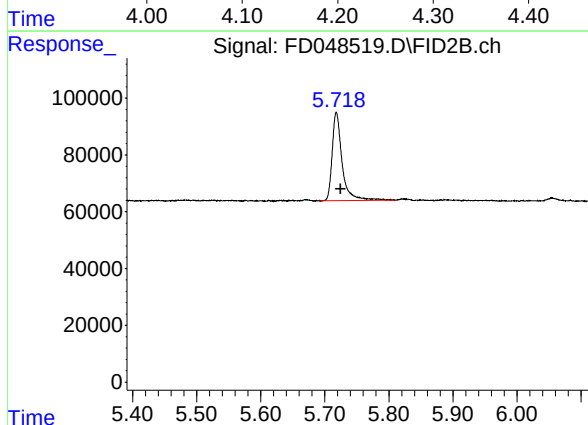
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.199 min
Delta R.T.: -0.005 min
Response: 301710
Conc: 1.72 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT4-2024

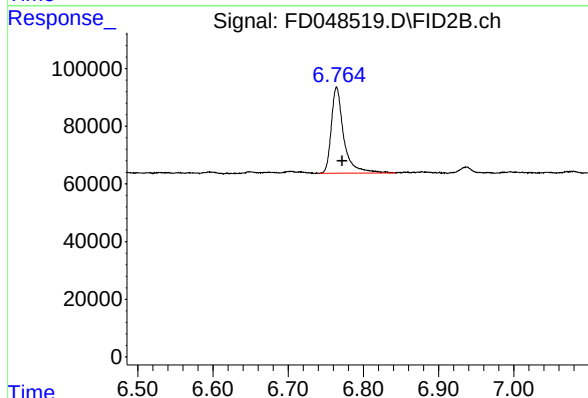
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



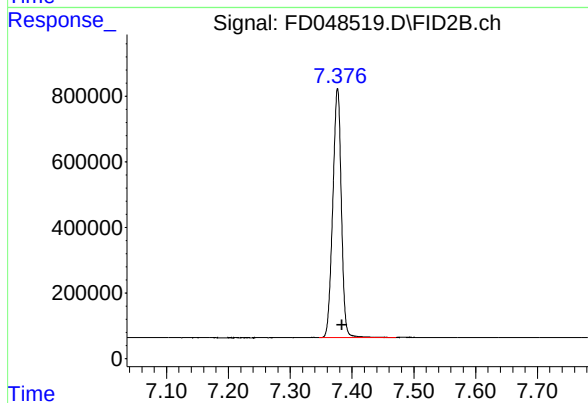
#2 Naphthalene (C11.7)

R.T.: 5.718 min
Delta R.T.: -0.006 min
Response: 336955
Conc: 1.80 ug/ml



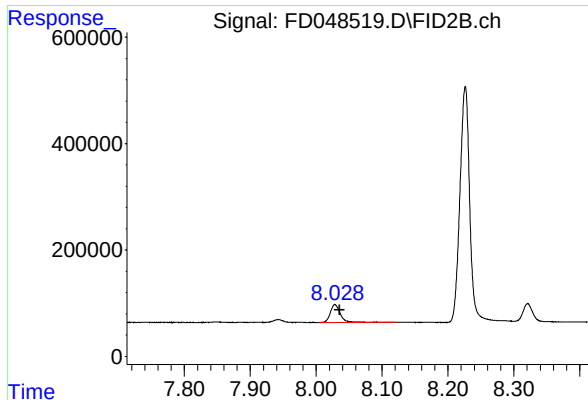
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 343142
Conc: 1.82 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.377 min
Delta R.T.: -0.008 min
Response: 7310029
Conc: 44.15 ug/ml



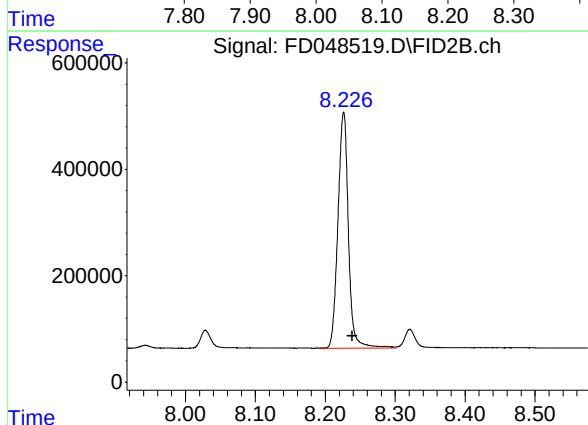
#5 Acenaphthylene (C15.06)

R.T.: 8.029 min
Delta R.T.: -0.007 min
Response: 359952
Conc: 1.88 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT4-2024

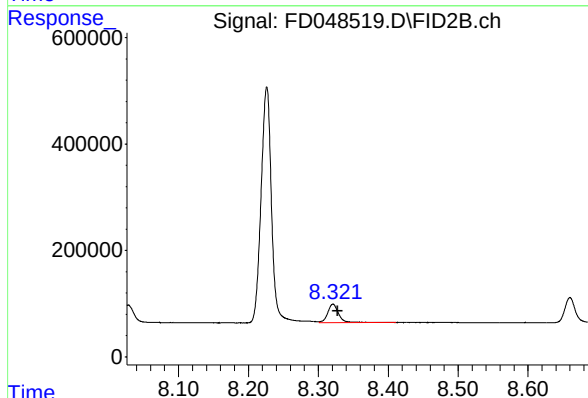
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



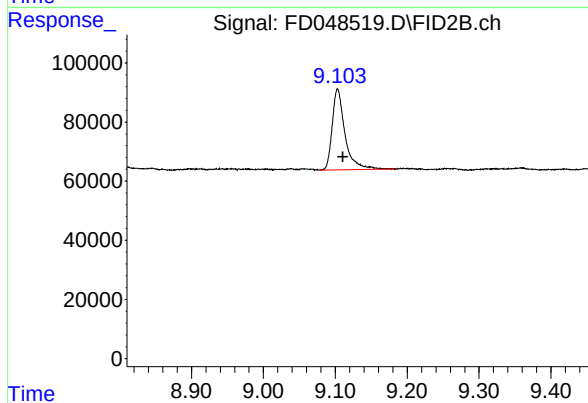
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.226 min
Delta R.T.: -0.013 min
Response: 4622376
Conc: 44.57 ug/ml



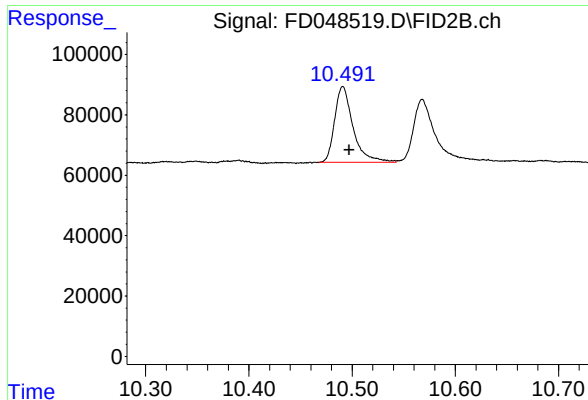
#7 Acenaphthene (C15.5)

R.T.: 8.321 min
Delta R.T.: -0.007 min
Response: 384339
Conc: 2.03 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.104 min
Delta R.T.: -0.007 min
Response: 336912
Conc: 1.86 ug/ml



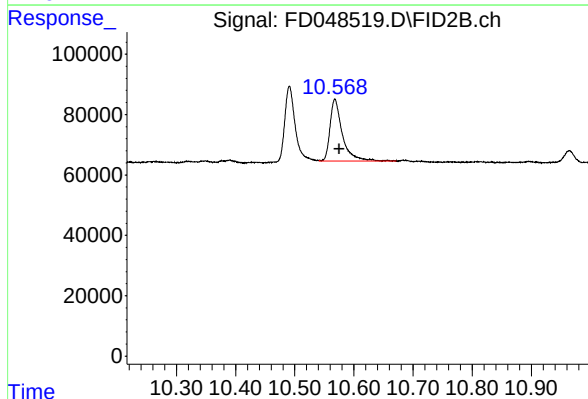
#9 Phenanthrene (C19.36)

R.T.: 10.491 min
Delta R.T.: -0.006 min
Response: 312465
Conc: 1.76 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT4-2024

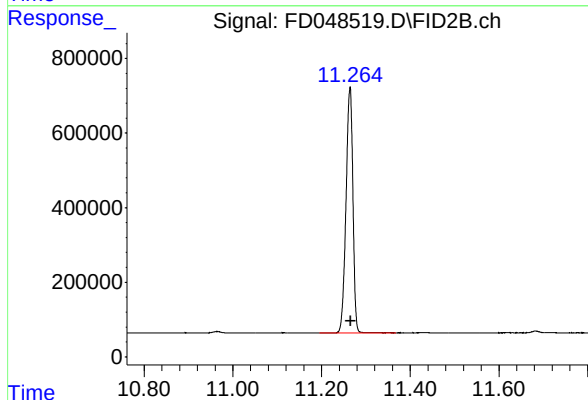
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



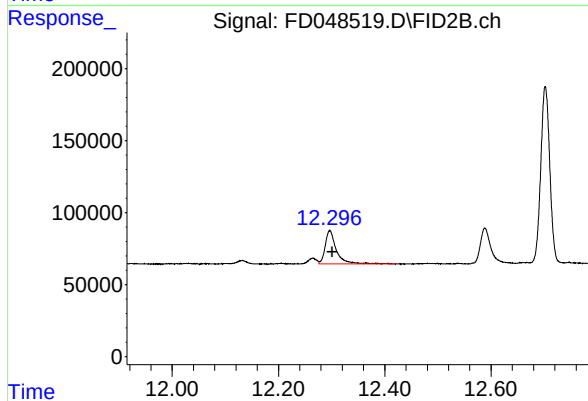
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: -0.007 min
Response: 296445
Conc: 1.67 ug/ml



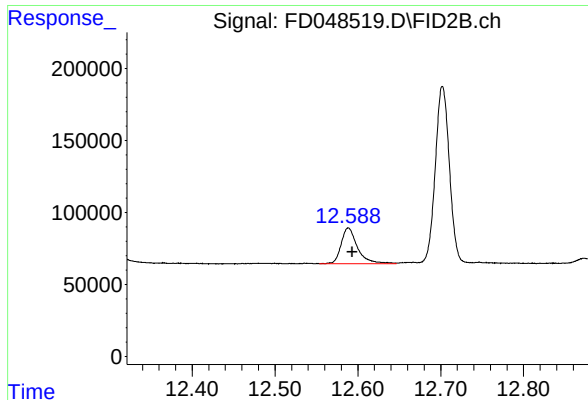
#11 ortho-Terphenyl (SURR)

R.T.: 11.264 min
Delta R.T.: -0.002 min
Response: 7095981
Conc: 38.57 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.297 min
Delta R.T.: -0.005 min
Response: 341931
Conc: 1.89 ug/ml



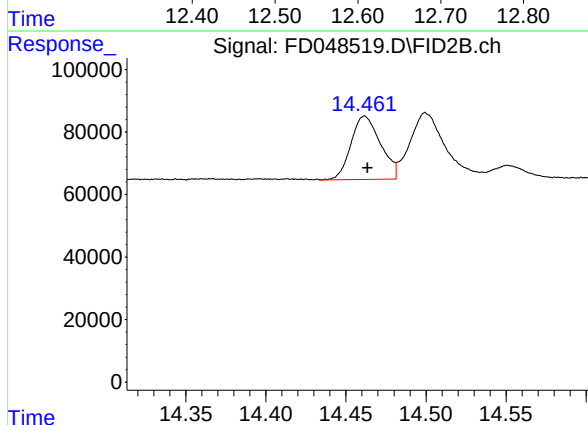
#13 Pyrene (C20.8)

R.T.: 12.589 min
Delta R.T.: -0.005 min
Response: 342615
Conc: 1.91 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT4-2024

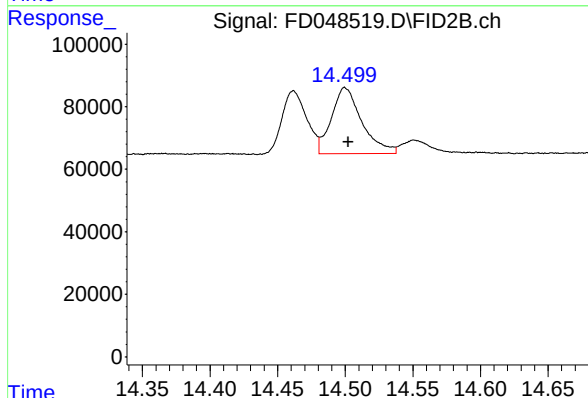
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



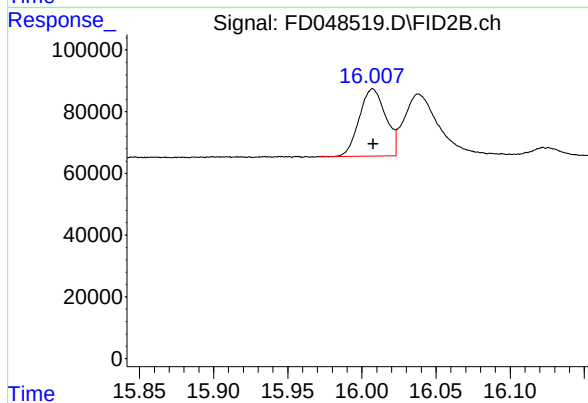
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.461 min
Delta R.T.: -0.002 min
Response: 260790
Conc: 1.63 ug/ml m



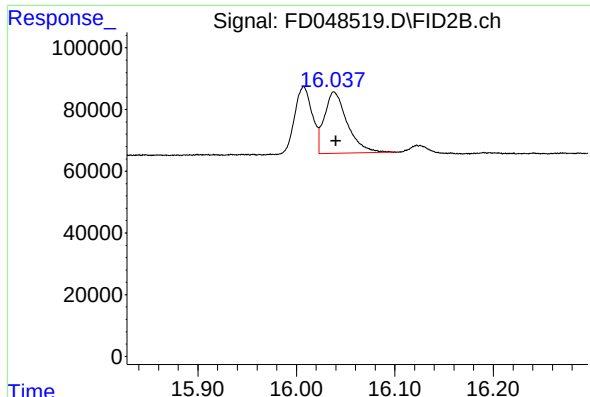
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: -0.003 min
Response: 331013
Conc: 1.77 ug/ml m



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

R.T.: 16.007 min
Delta R.T.: 0.000 min
Response: 270101
Conc: 1.62 ug/ml



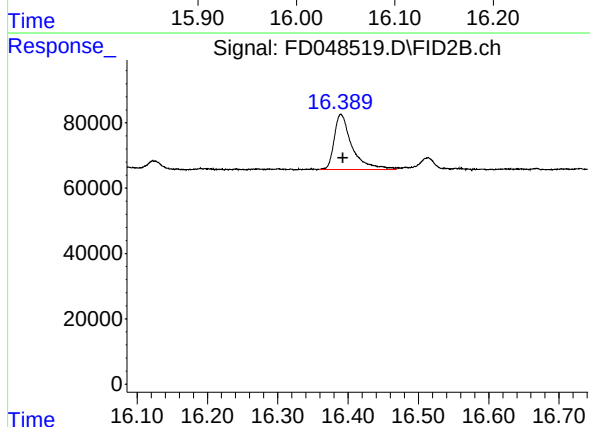
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.039 min
Delta R.T.: -0.002 min
Response: 319767
Conc: 1.88 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT4-2024

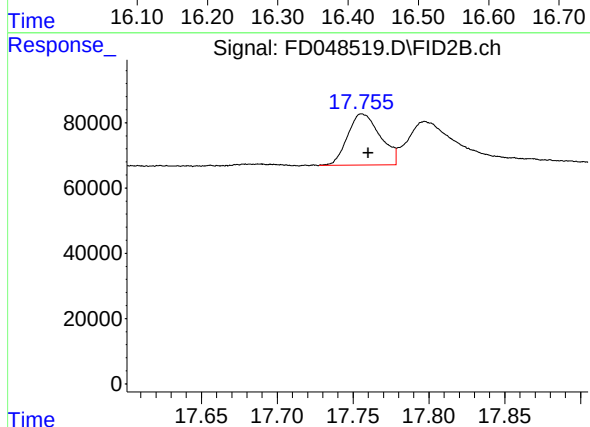
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



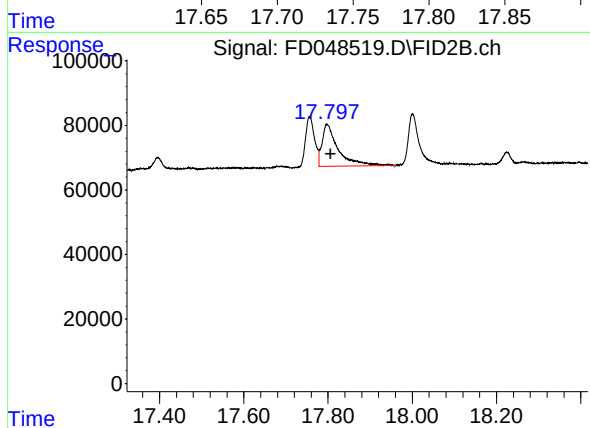
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.389 min
Delta R.T.: -0.004 min
Response: 297148
Conc: 1.82 ug/ml m



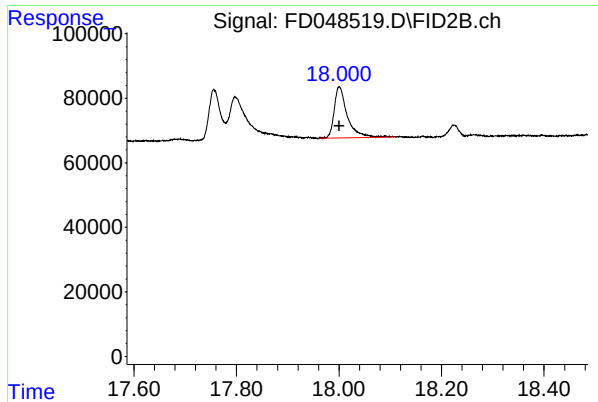
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.755 min
Delta R.T.: -0.005 min
Response: 237066
Conc: 1.80 ug/ml m



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

R.T.: 17.798 min
Delta R.T.: -0.008 min
Response: 345849
Conc: 2.07 ug/ml



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

R.T.: 18.001 min
Delta R.T.: 0.000 min
Response: 281891
Conc: 1.74 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024