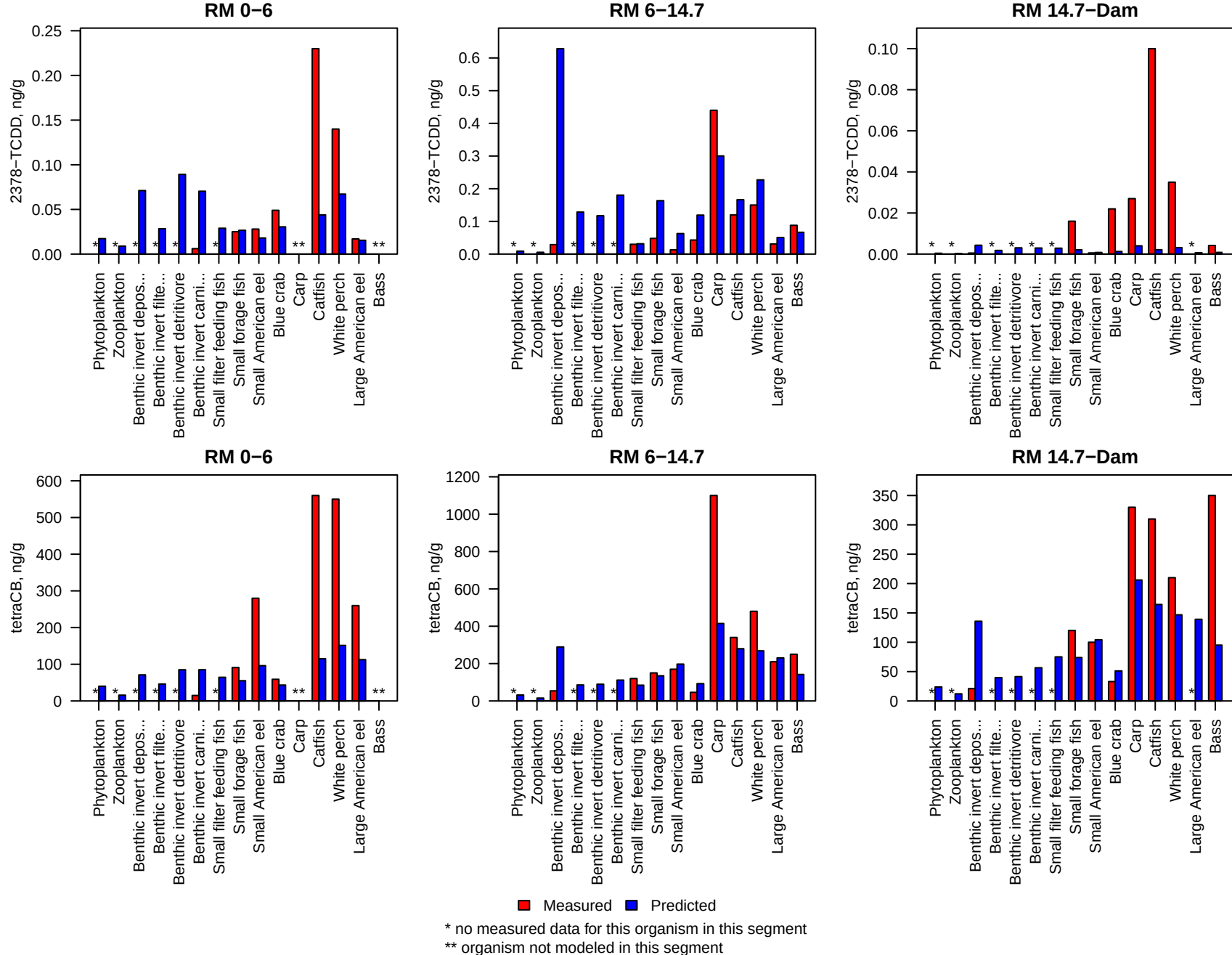


APPENDIX G. MODEL INPUT AND OUTPUT

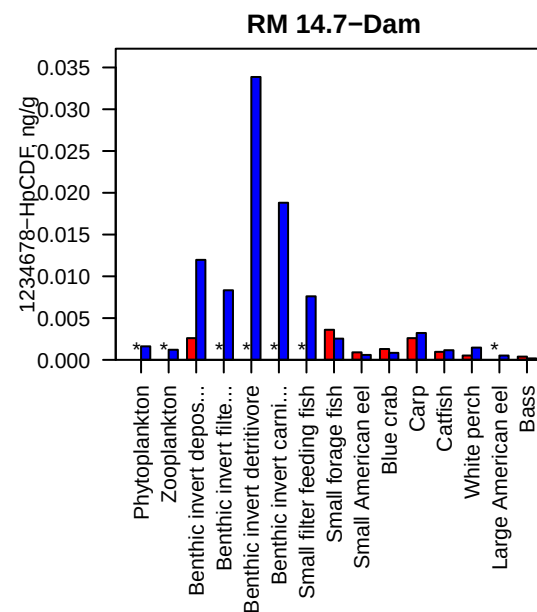
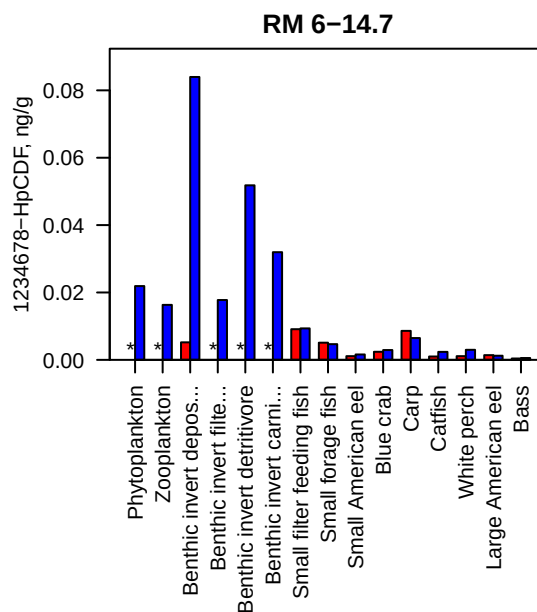
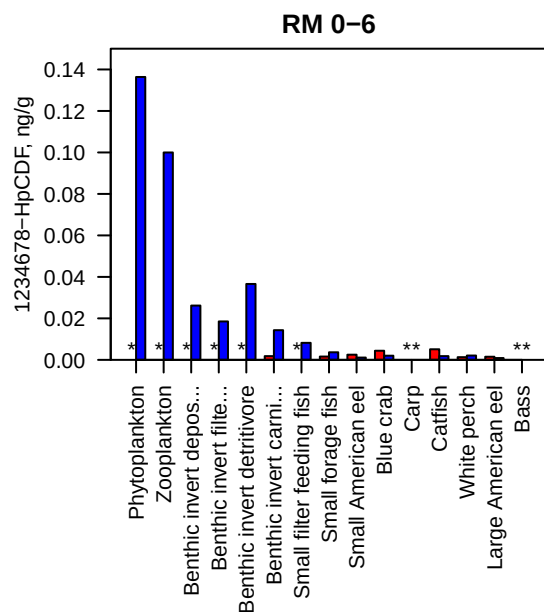
This appendix contains the following:

- ◆ Steady state model results (pages 2-6)
- ◆ Dynamic model results (pages 7-30)
- ◆ Tornado plots (pages 31-102)
- ◆ Bioaccumulation model inputs from the CFT model (pages 103-189)

Steady State Model Results



No appropriate field-collected benthic invertebrate data were available for the LPRSA against which to compare model predictions. The concentrations shown here are the laboratory bioaccumulation data, which as discussed in Section 4.1.1.3, are not considered reliable metrics against which model predictions should be compared. Rather, they are presented here for informational purposes only.



■ Measured ■ Predicted

* no measured data for this organism in this segment

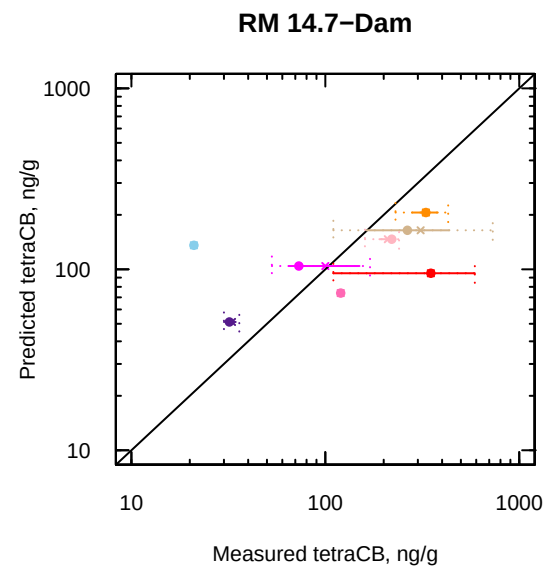
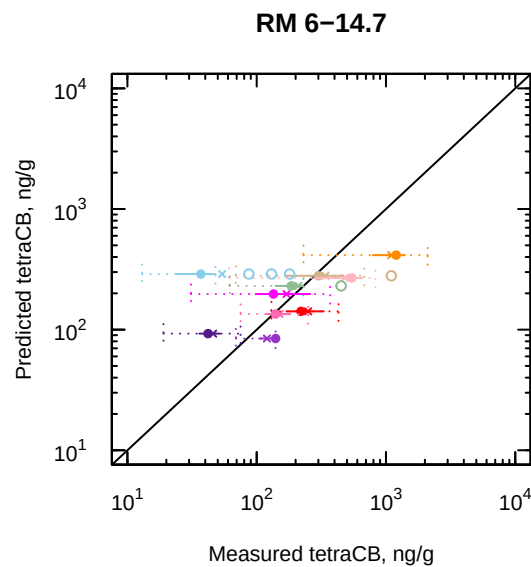
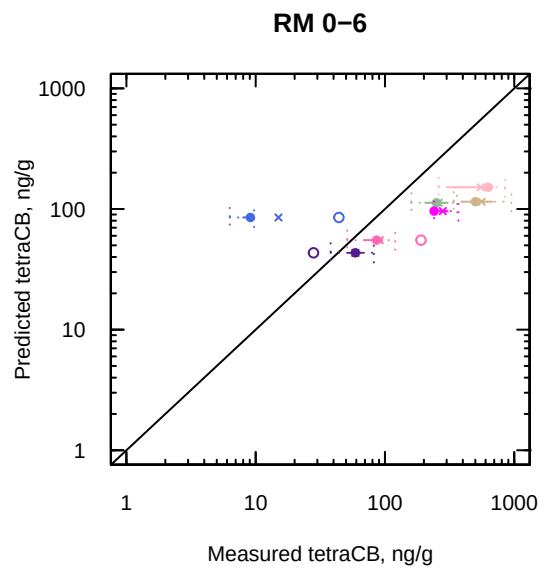
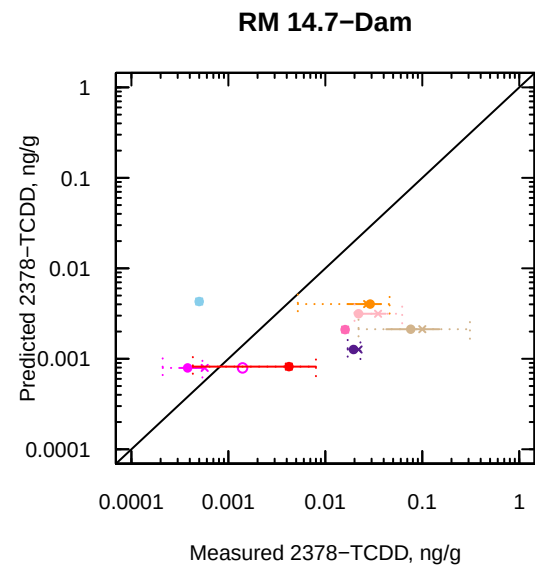
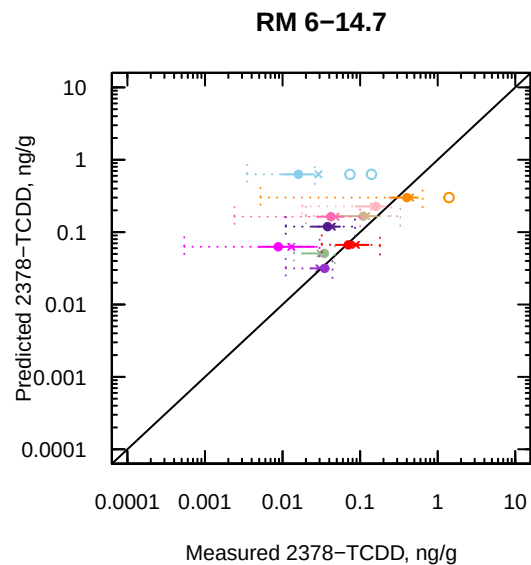
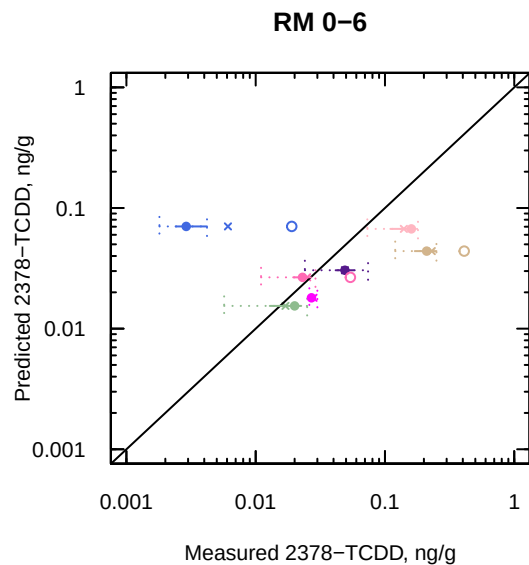
** organism not modeled in this segment

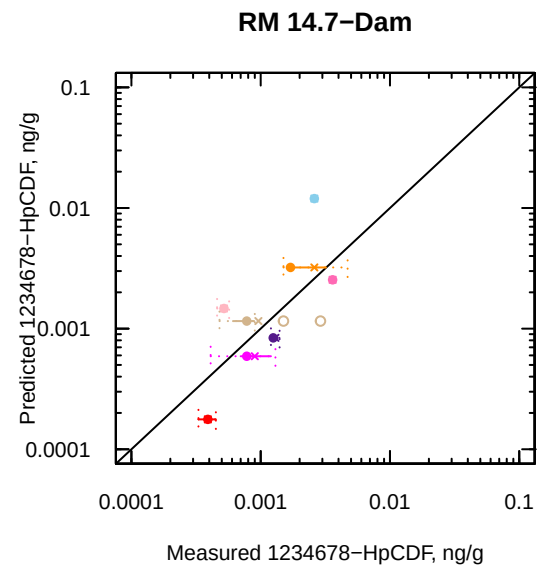
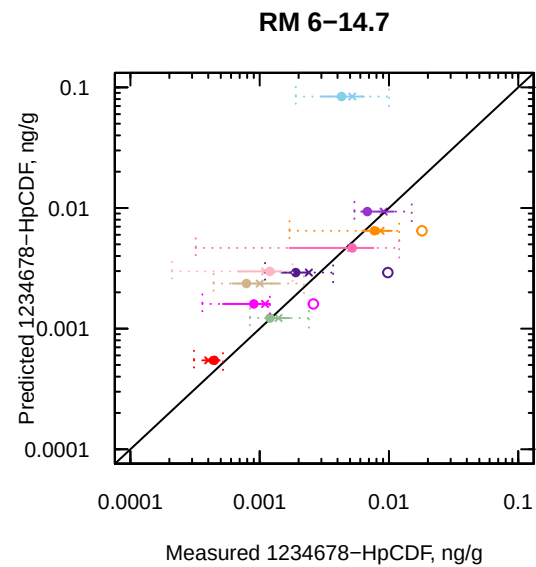
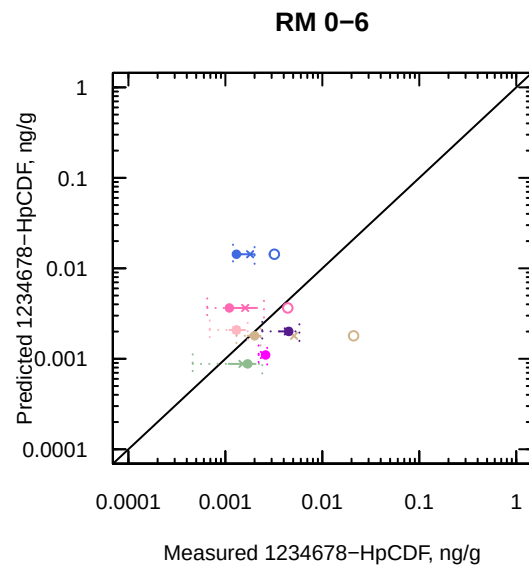
No appropriate field-collected benthic invertebrate data were available for the LPRSA against which to compare model predictions. The concentrations shown here are the laboratory bioaccumulation data, which as discussed in Section 4.1.1.3, are not considered reliable metrics against which model predictions should be compared. Rather, they are presented here for informational purposes only.

Steady State Model Results

- Phytoplankton
- Zooplankton
- Benthic invert deposit feeder
- Benthic invert filter feeder
- Benthic invert detritivore
- Benthic invert carnivore/omnivore
- Small filter feeding fish
- Small forage fish
- Small American eel
- Blue crab
- Carp
- Catfish
- White perch
- Large American eel
- Bass

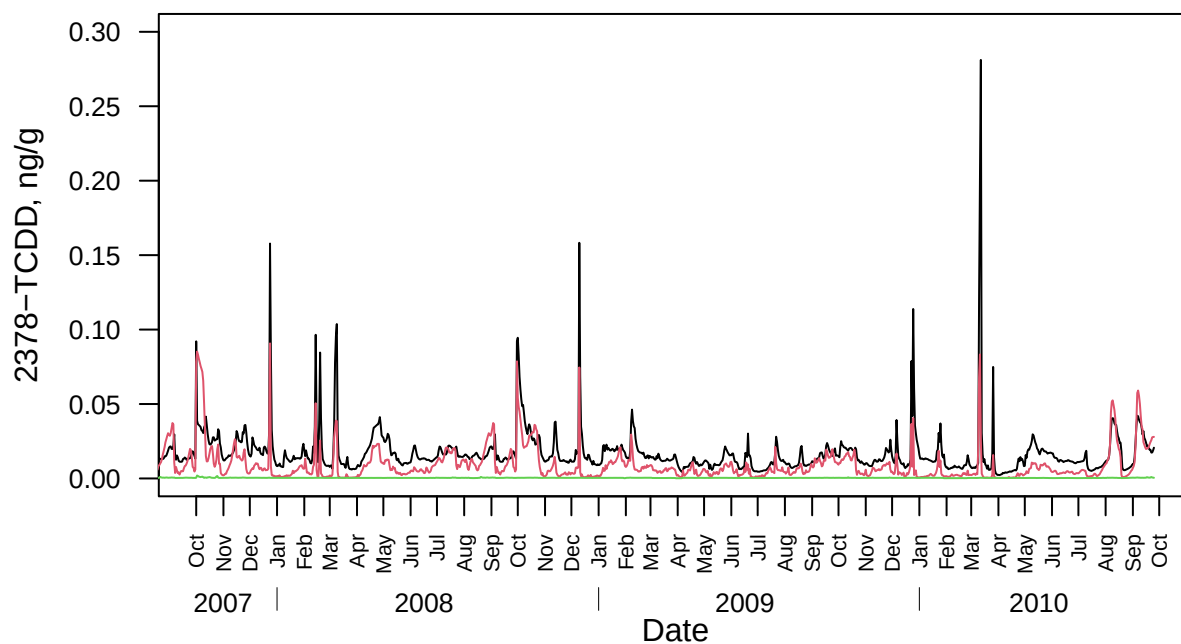
- × Average (Entered in input file)
- Outlier
- Median
- Measured range (25%–75% – boxlot's "box")
- Measured range (boxplot's "whiskers")



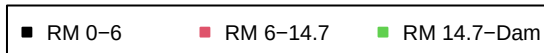
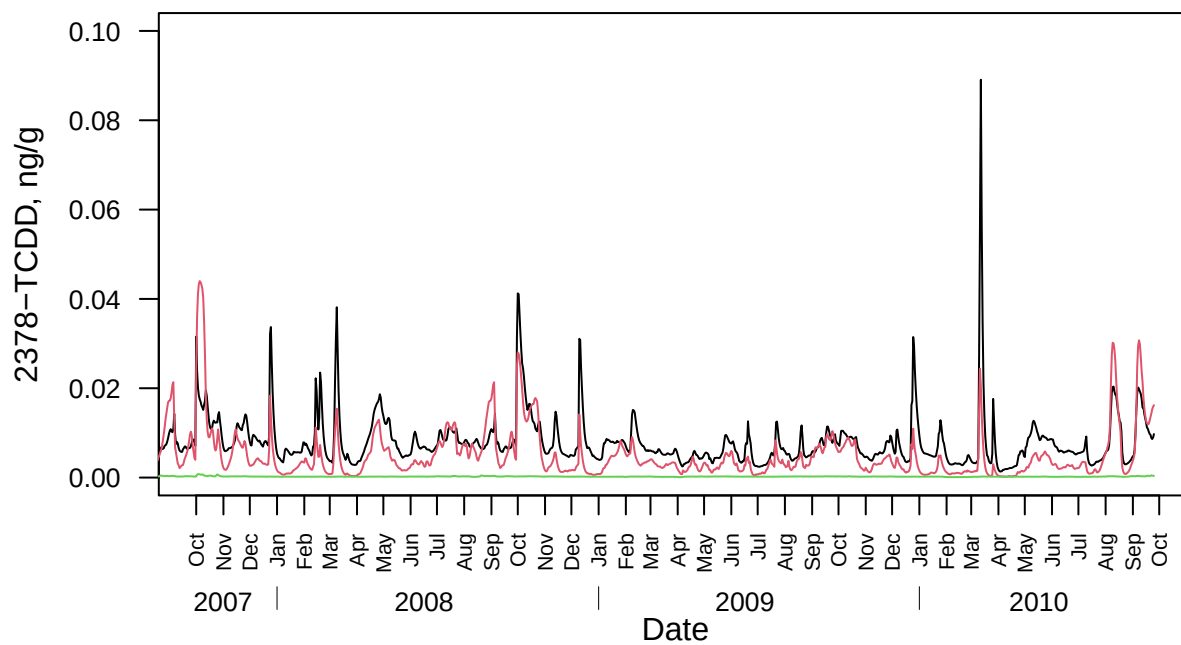


Dynamic Model Results

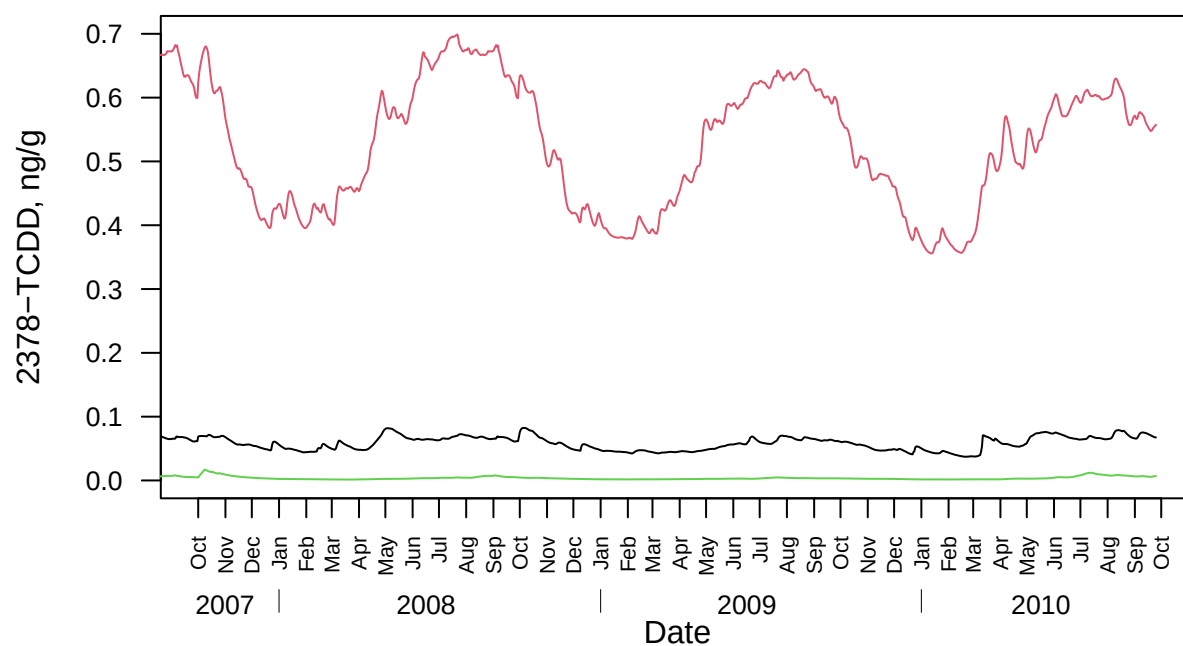
Phytoplankton



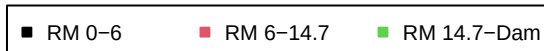
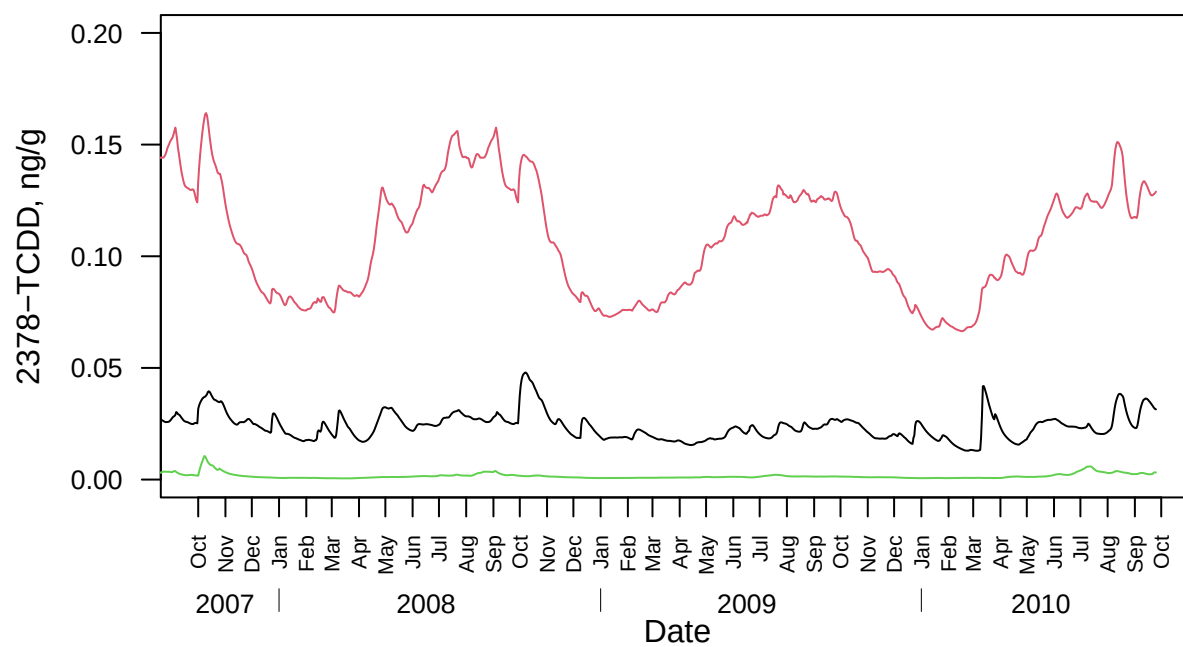
Zooplankton



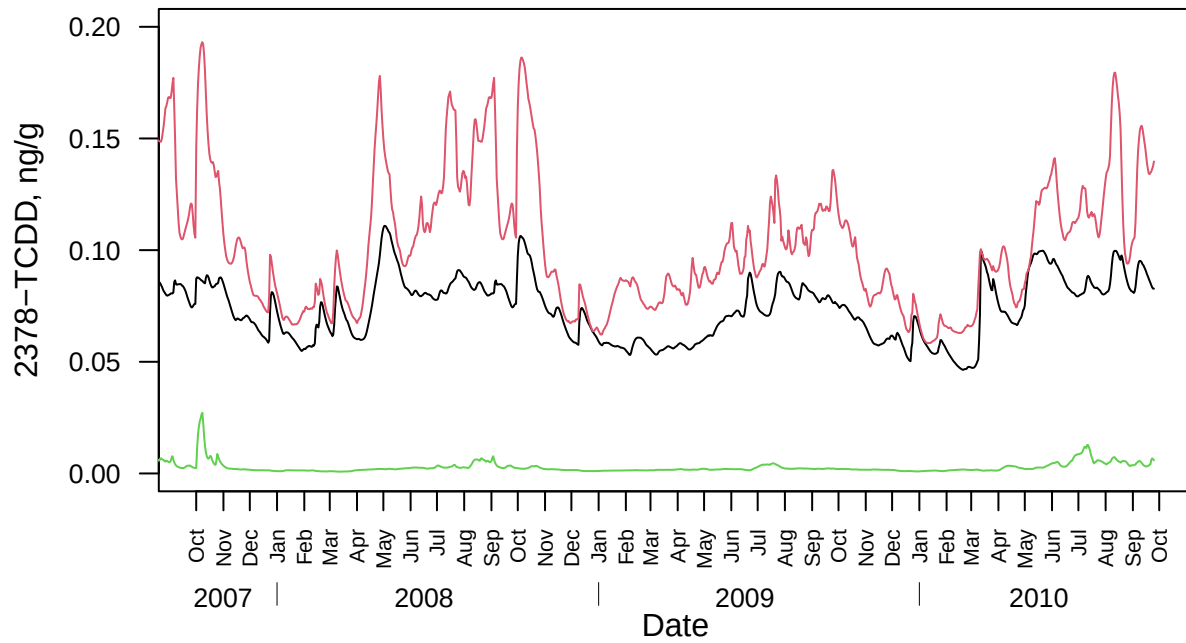
Benthic invert deposit feeder



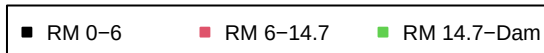
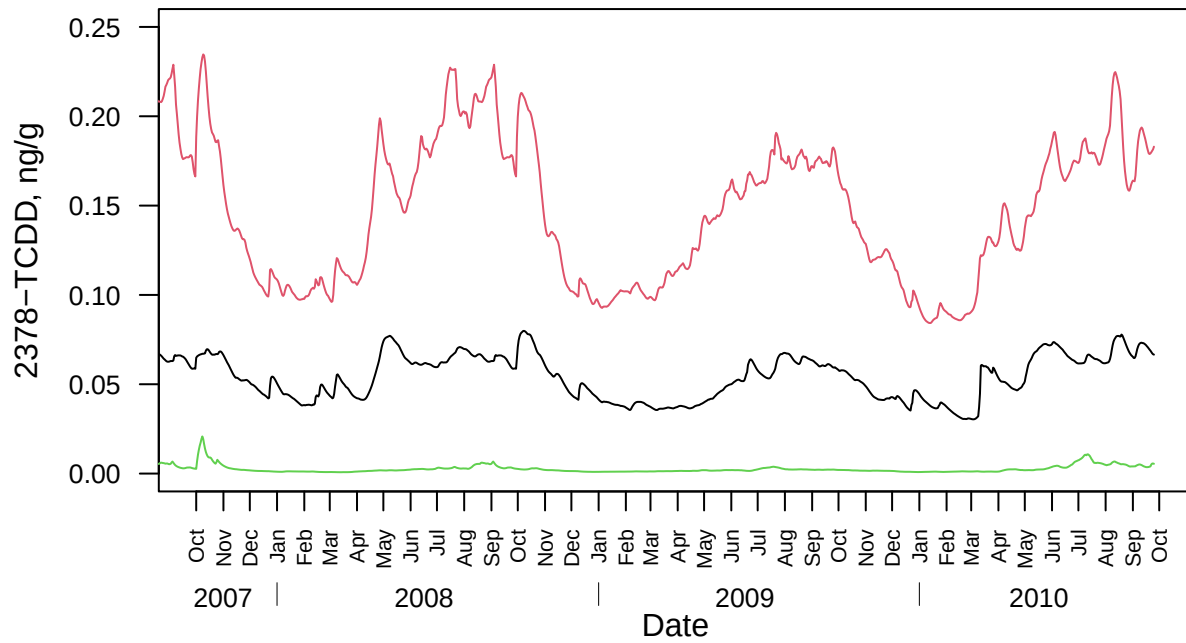
Benthic invert filter feeder



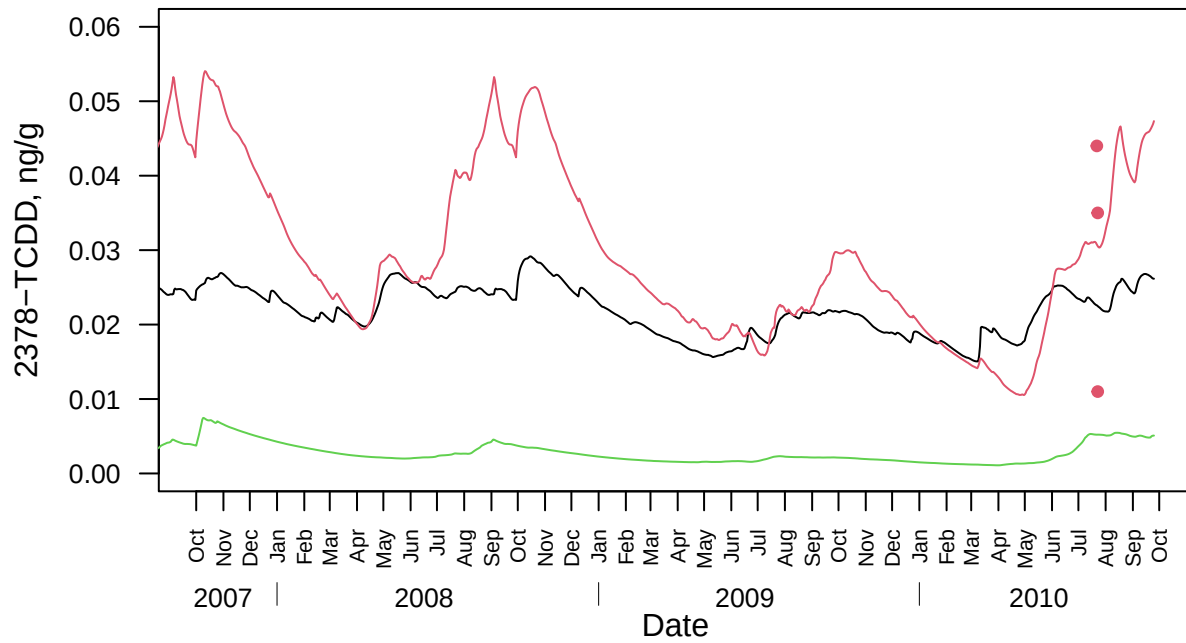
Benthic invert detritivore



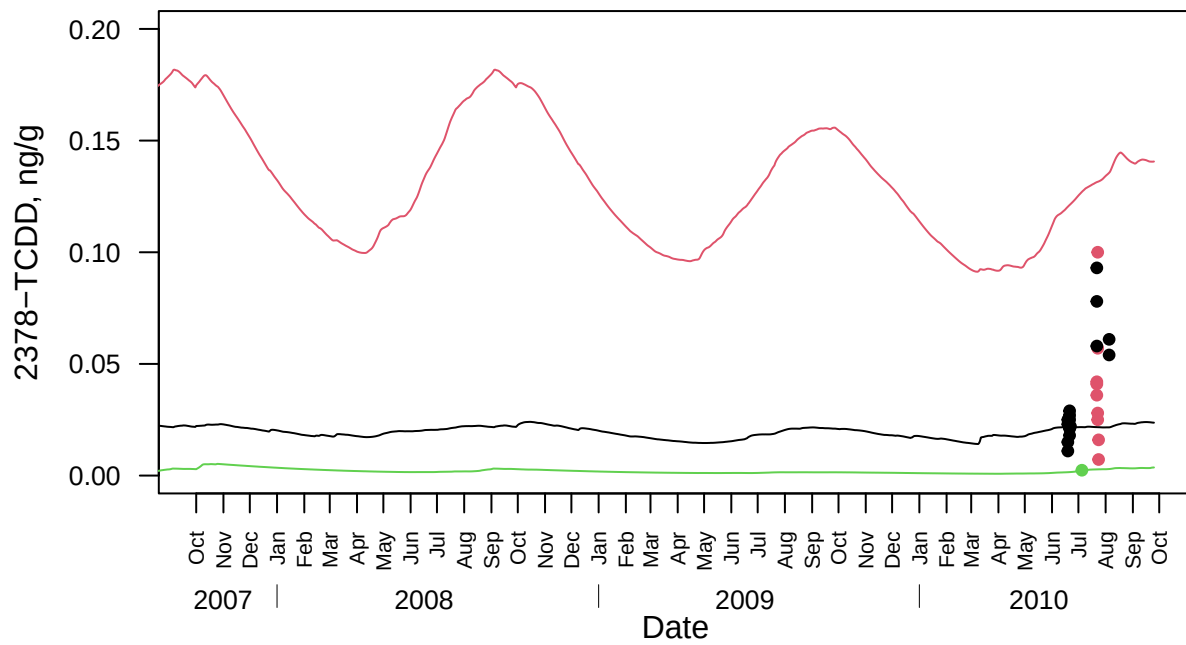
Benthic invert carnivore/omnivore



Small filter feeding fish

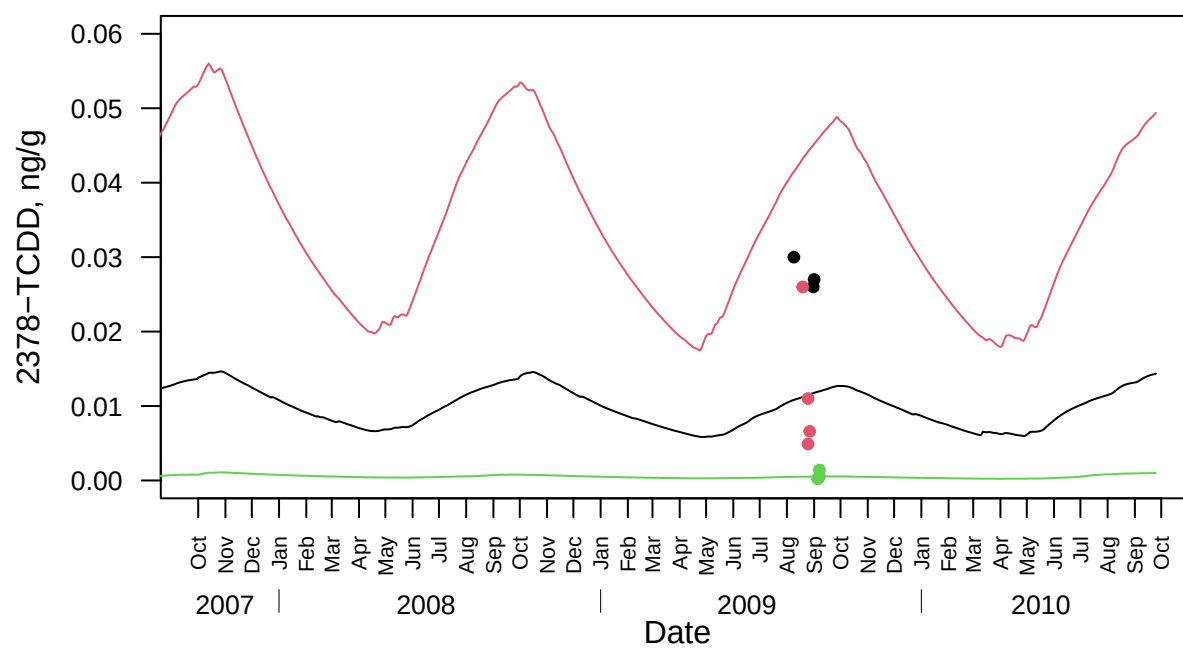


Small forage fish

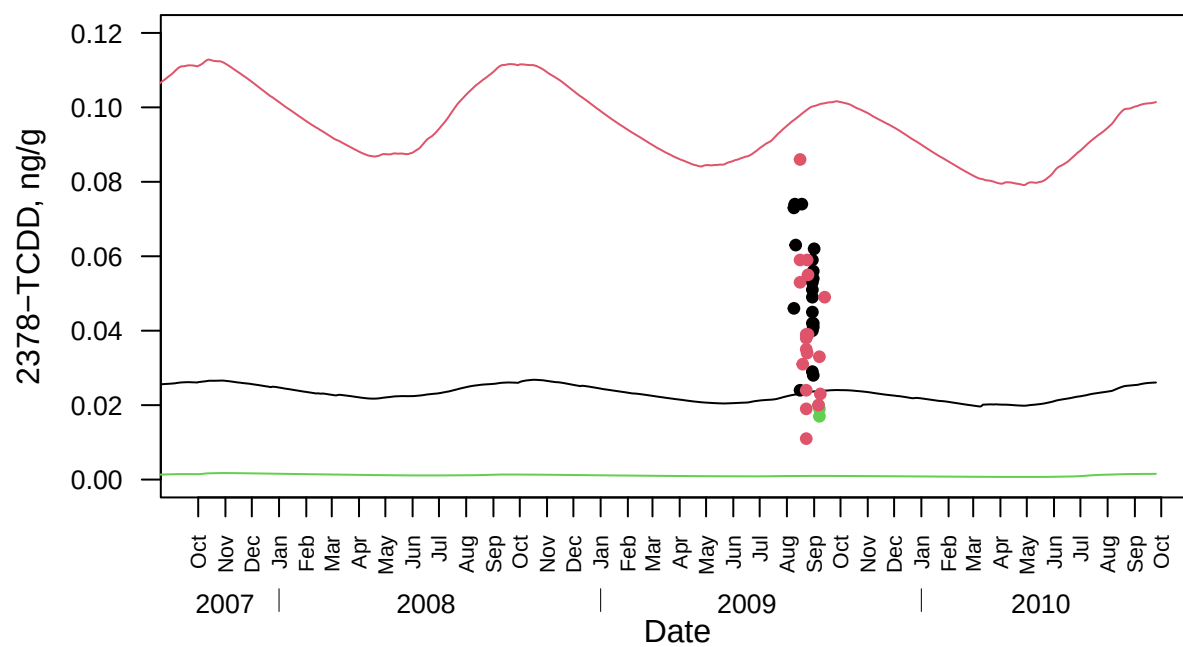


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Small American eel

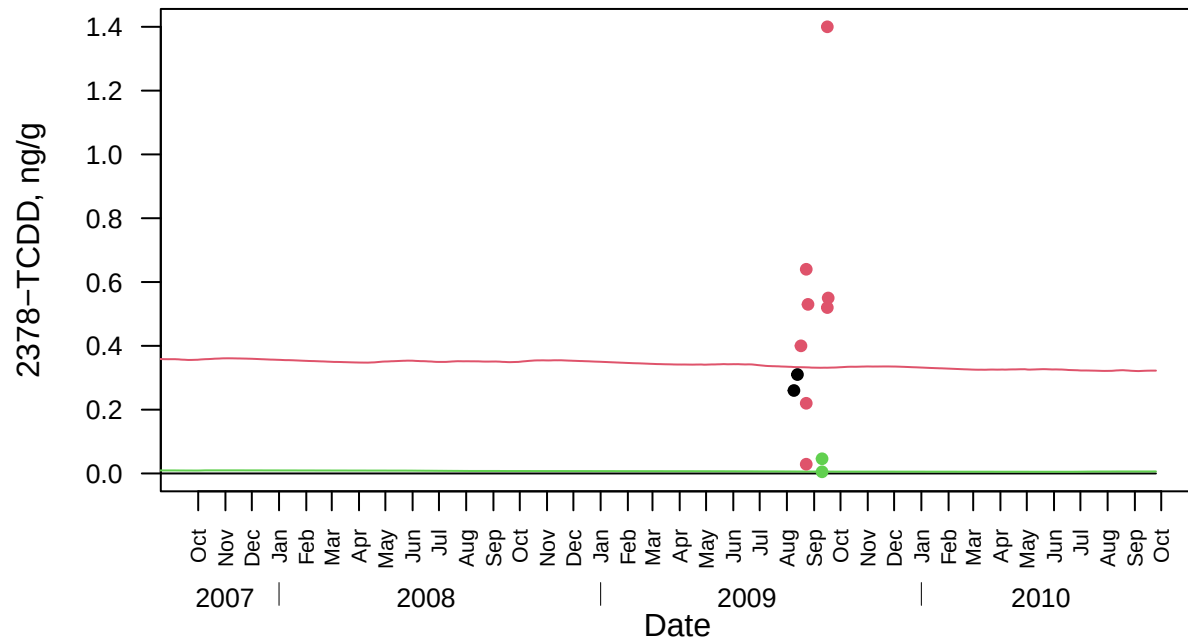


Blue crab

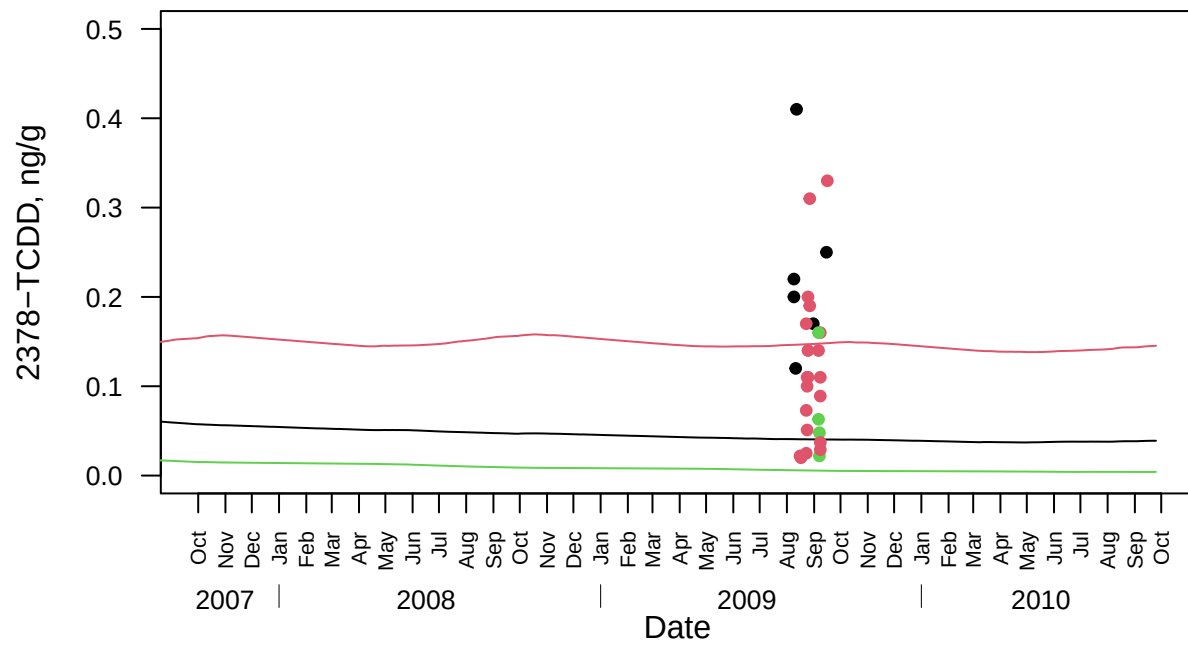


RM 0-6
 RM 6-14.7
 RM 14.7-Dam

Carp

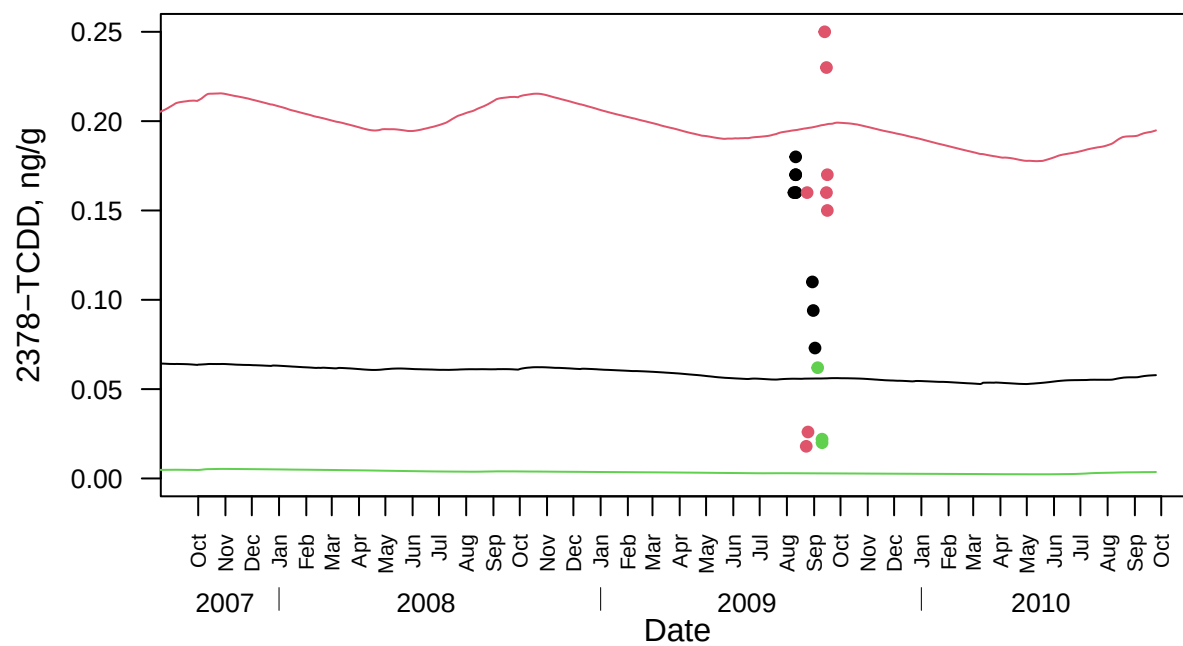


Catfish

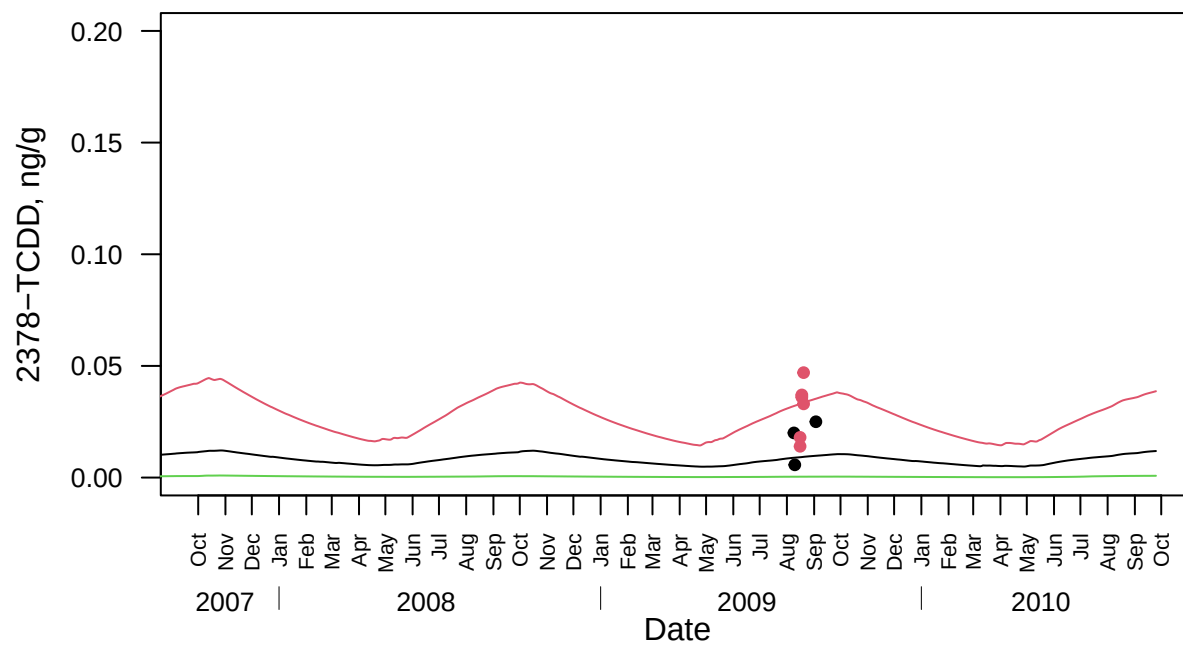


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

White perch

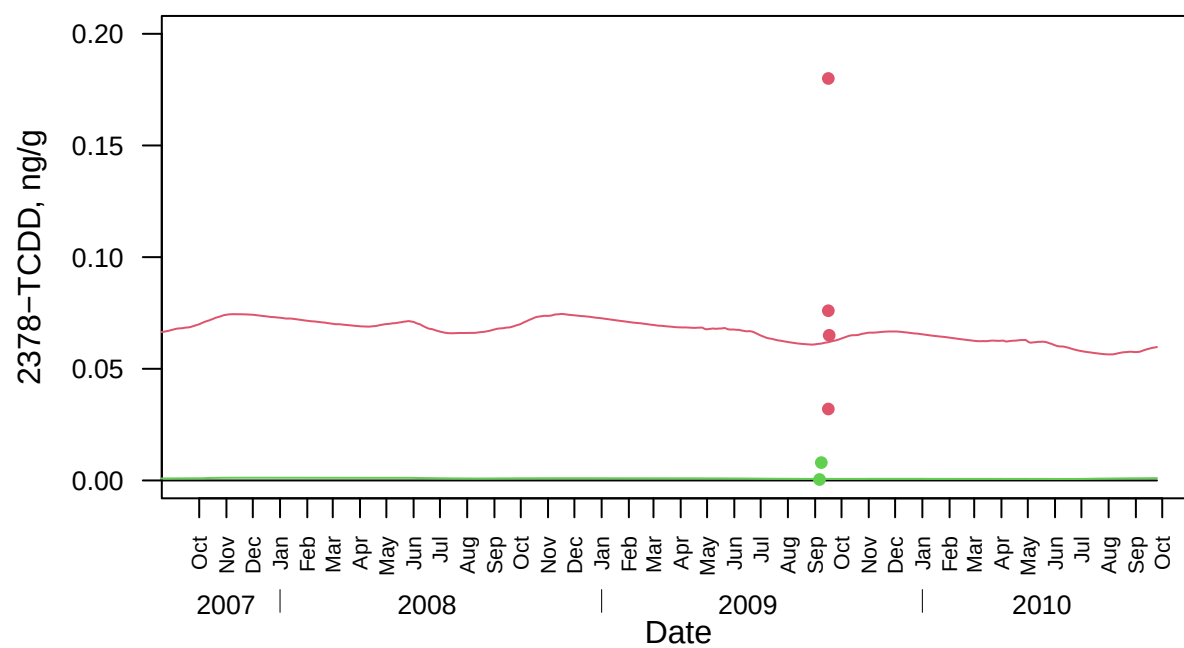


Large American eel

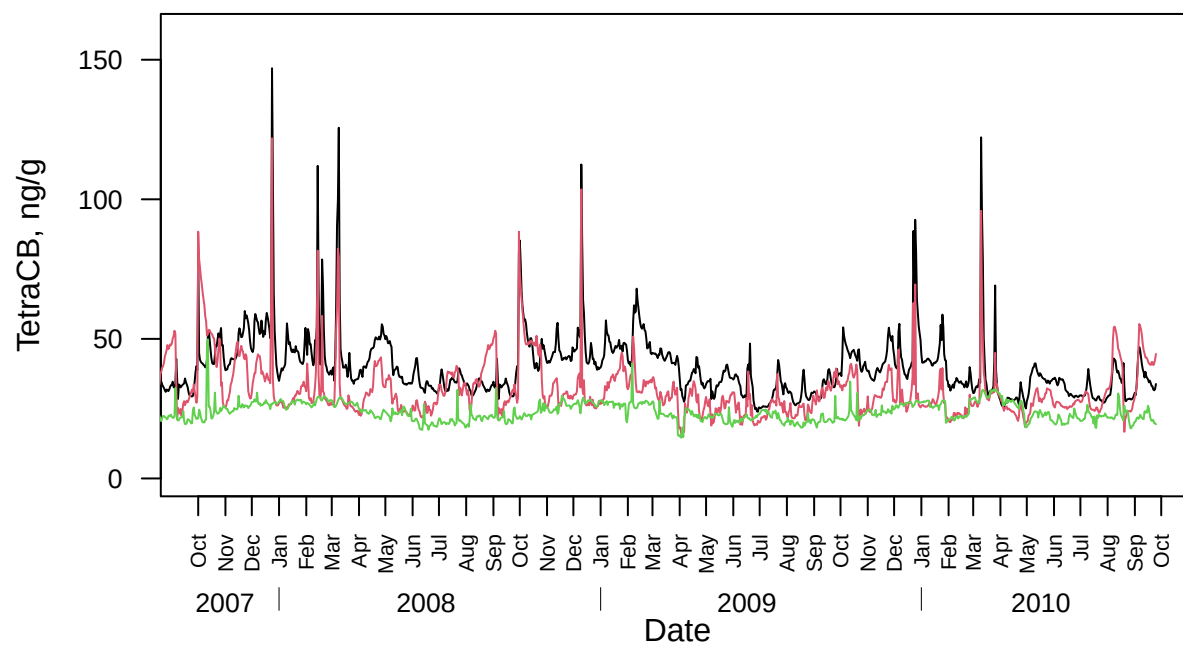


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

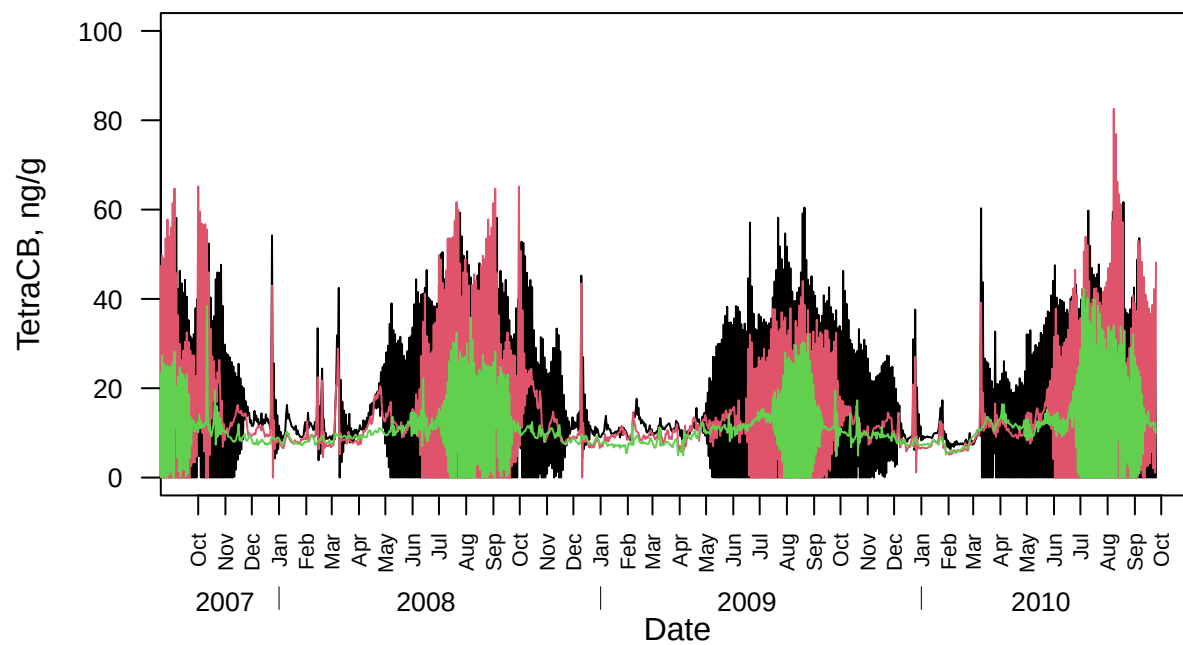
Bass



Phytoplankton

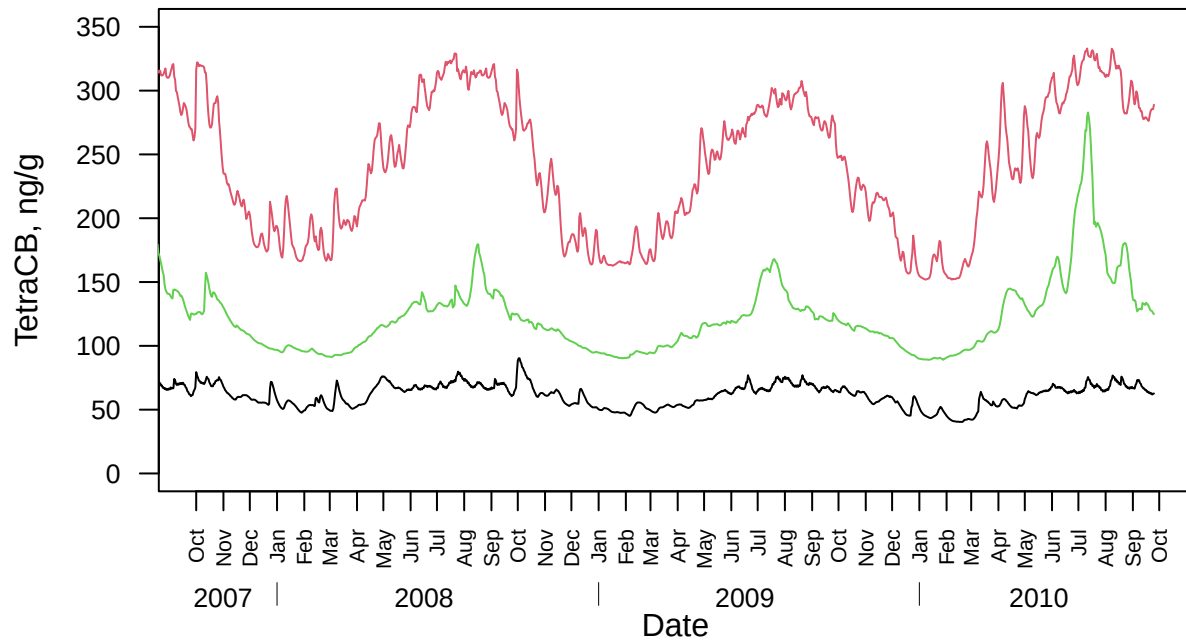


Zooplankton

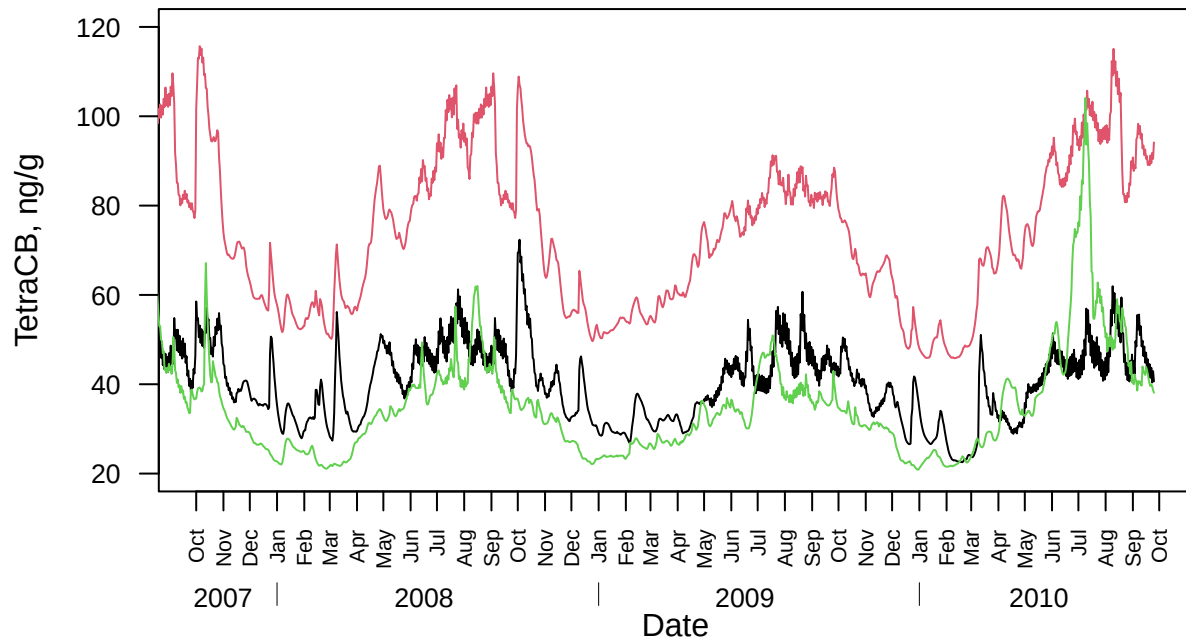


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Benthic invert deposit feeder

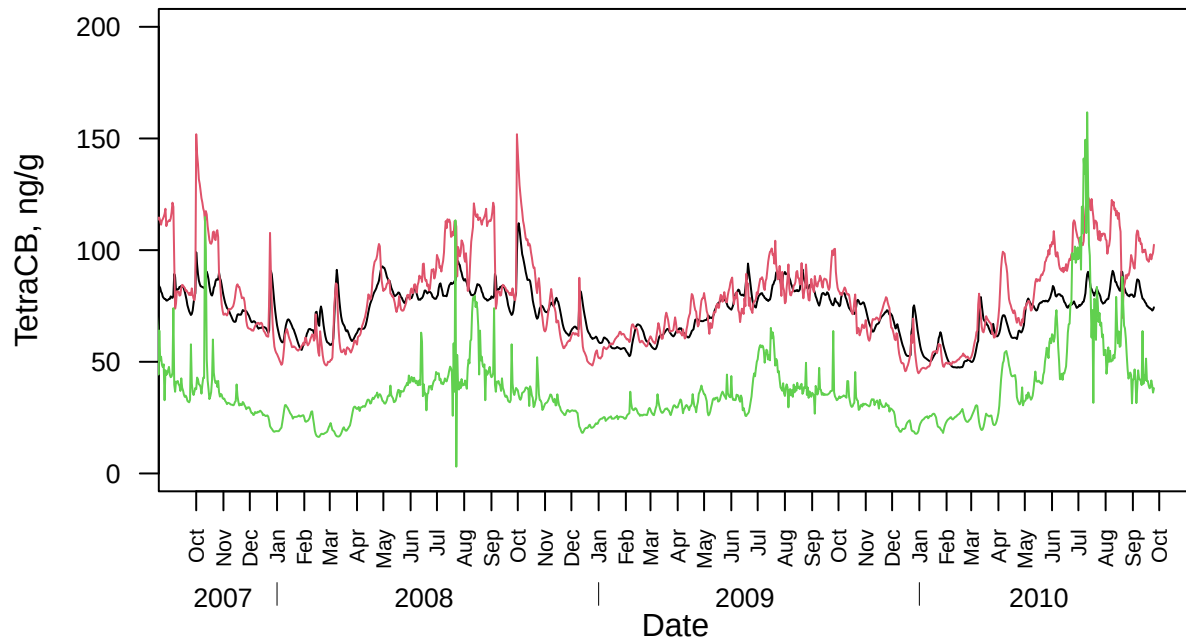


Benthic invert filter feeder

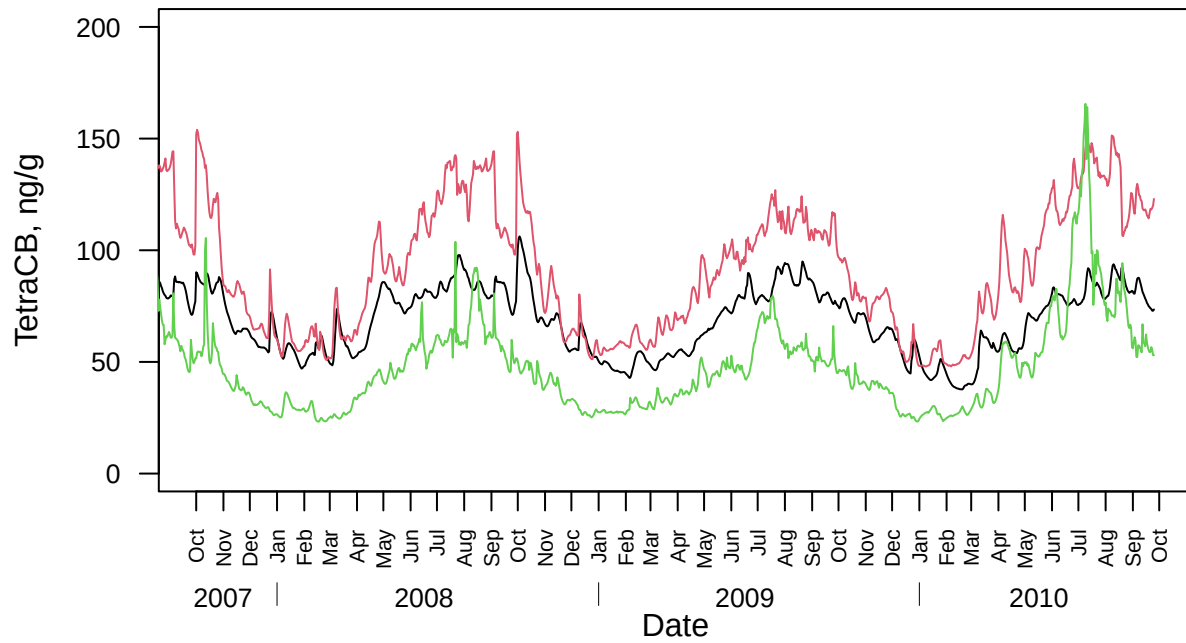


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Benthic invert detritivore

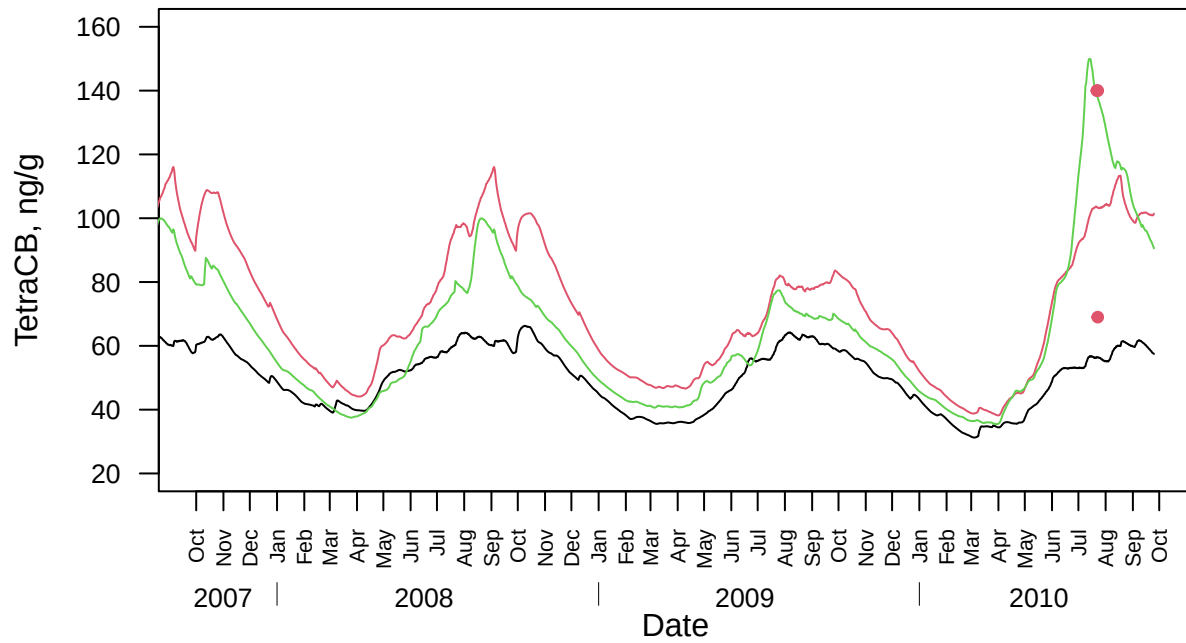


Benthic invert carnivore/omnivore



■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Small filter feeding fish

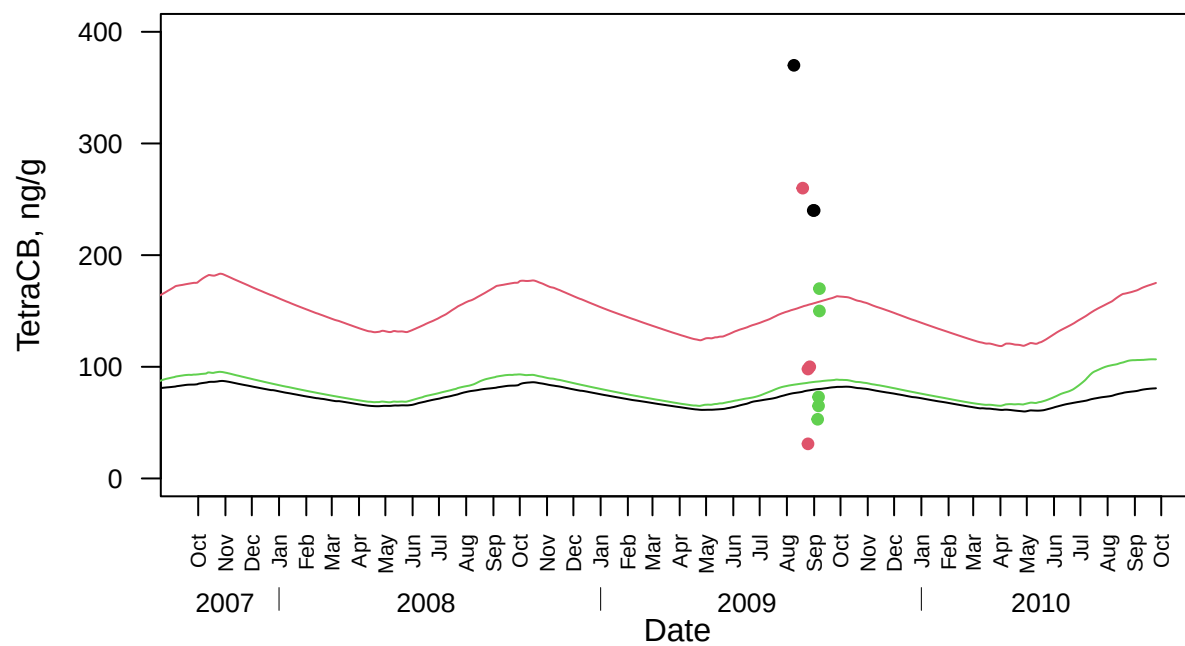


Small forage fish

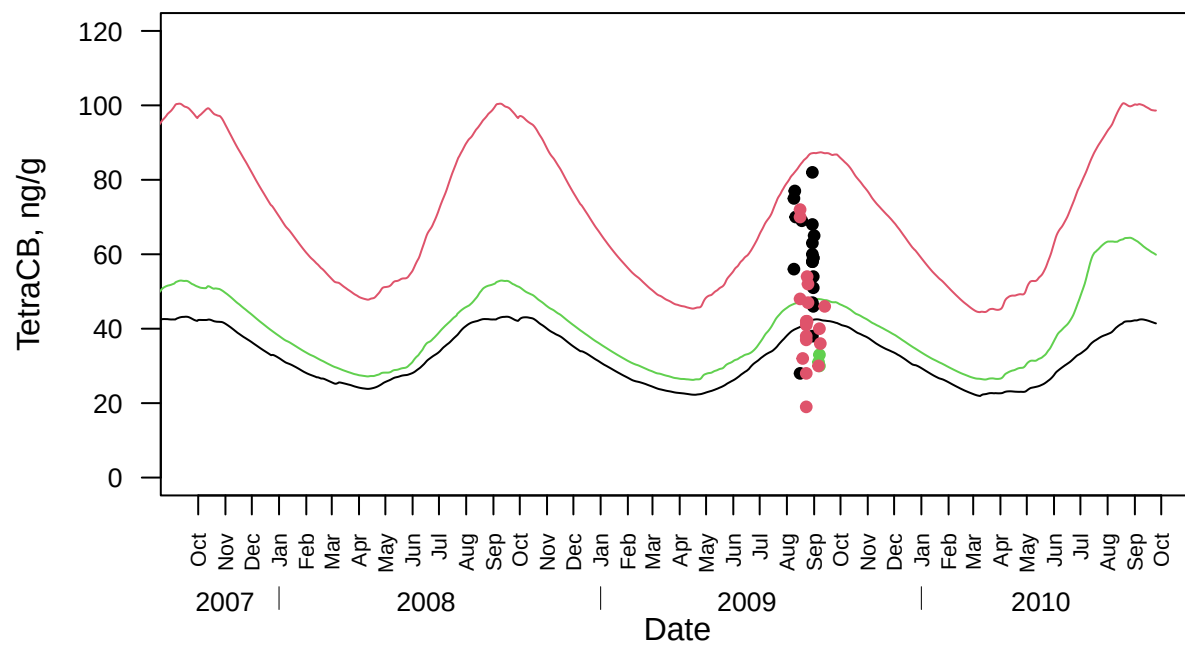


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Small American eel

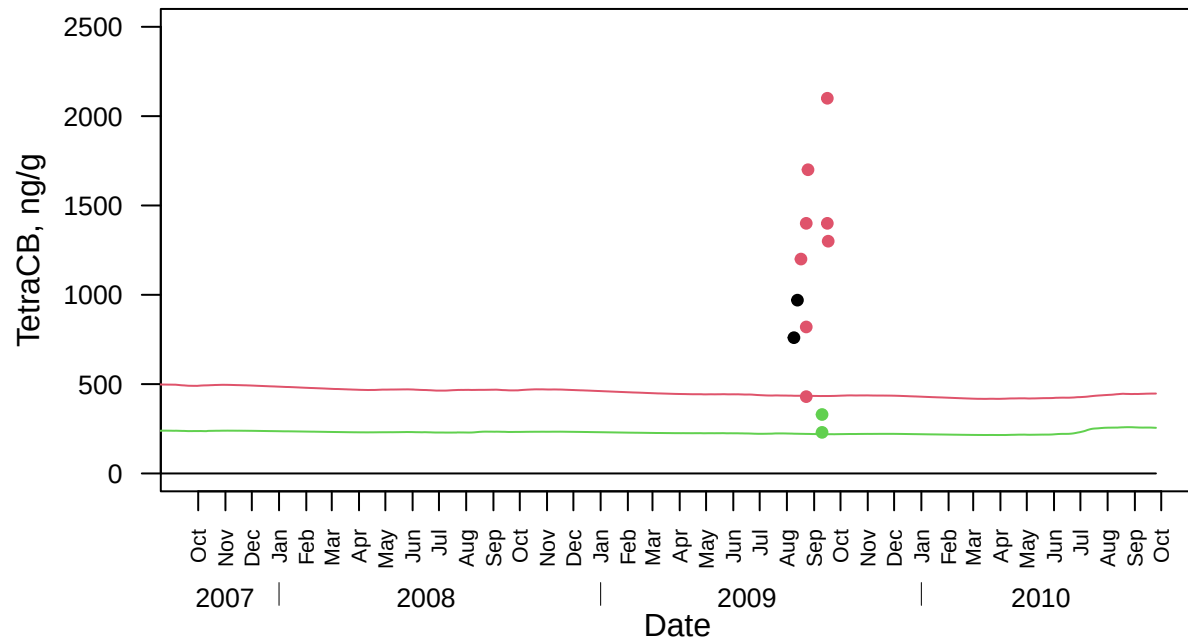


Blue crab

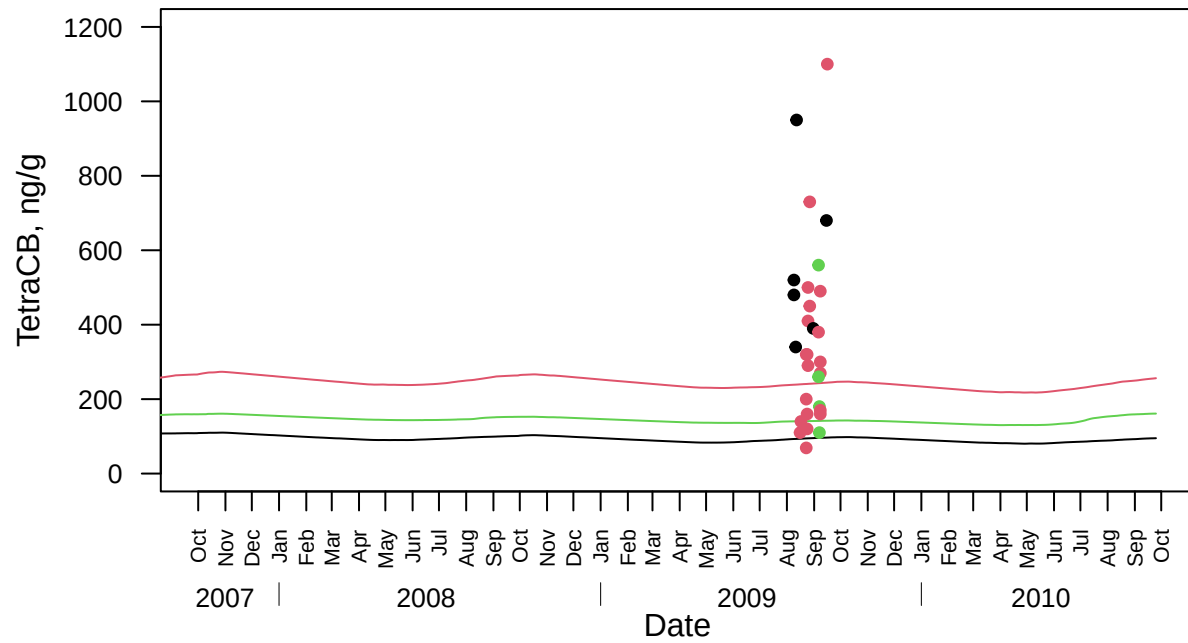


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Carp

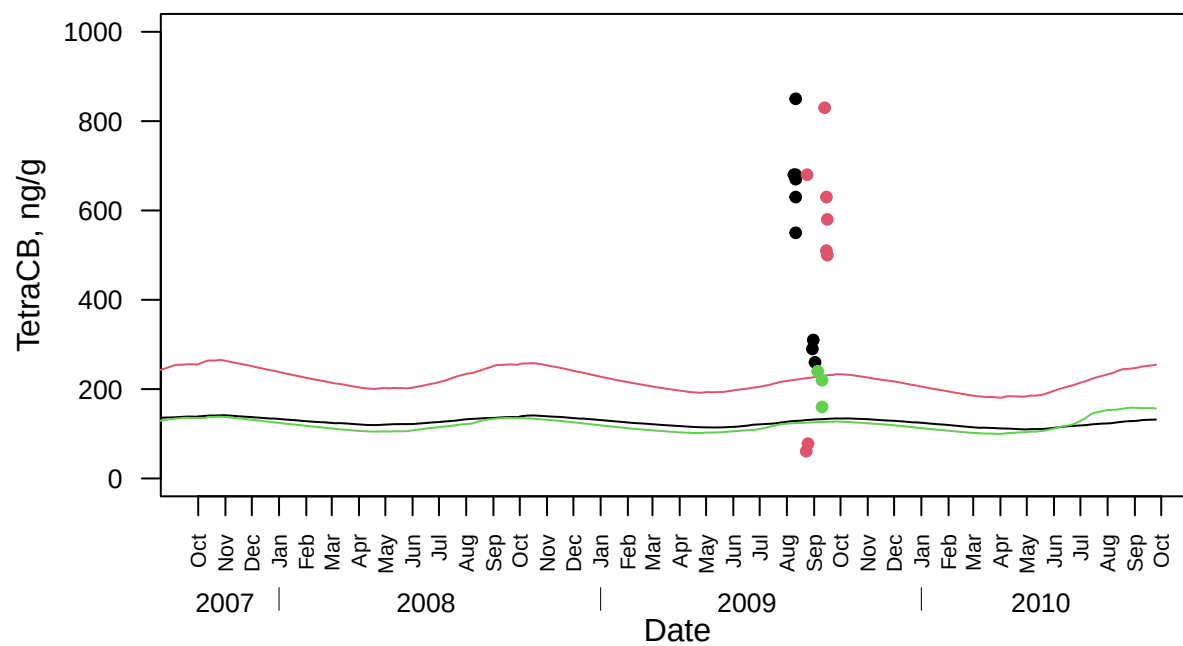


Catfish

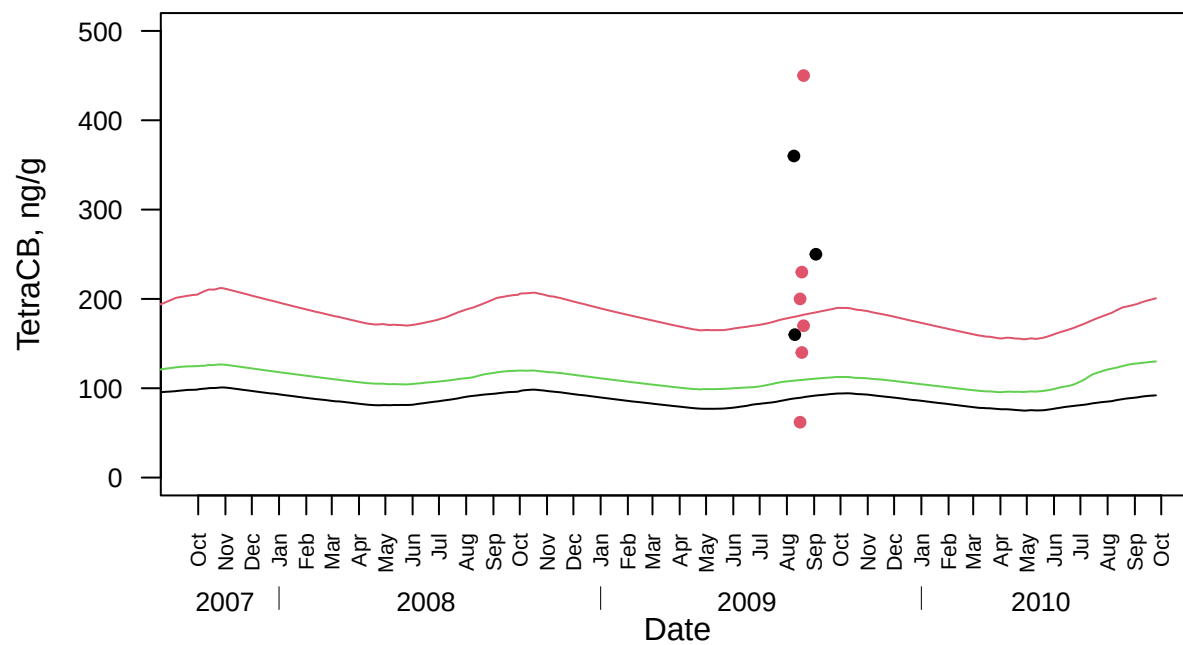


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

White perch

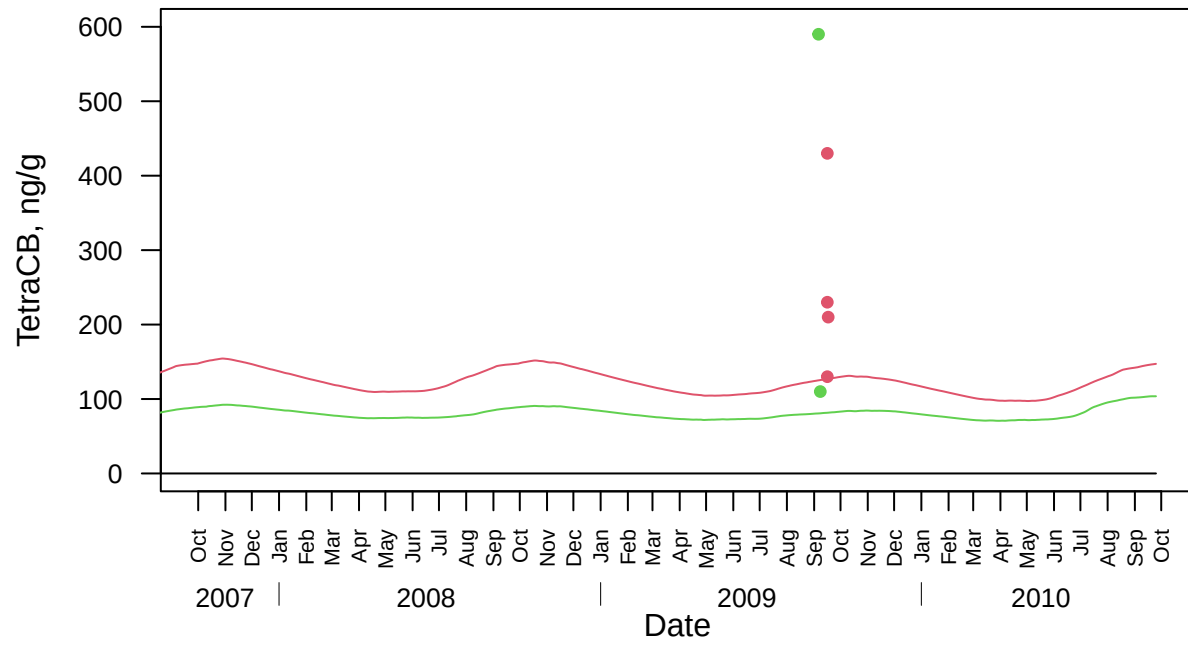


Large American eel



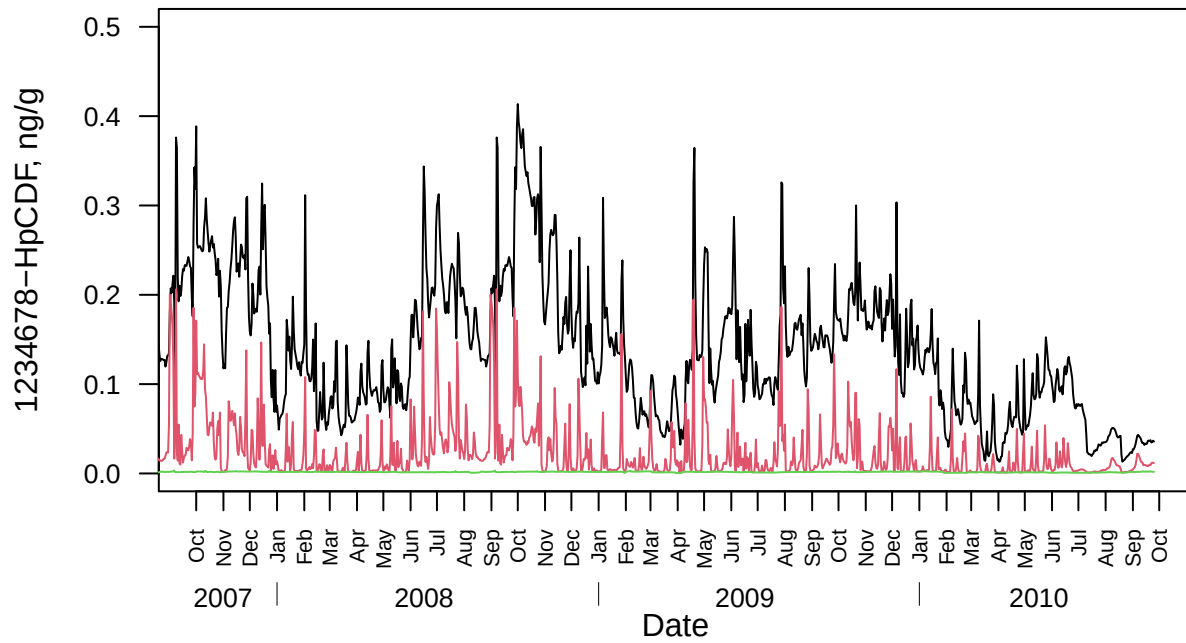
■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Bass

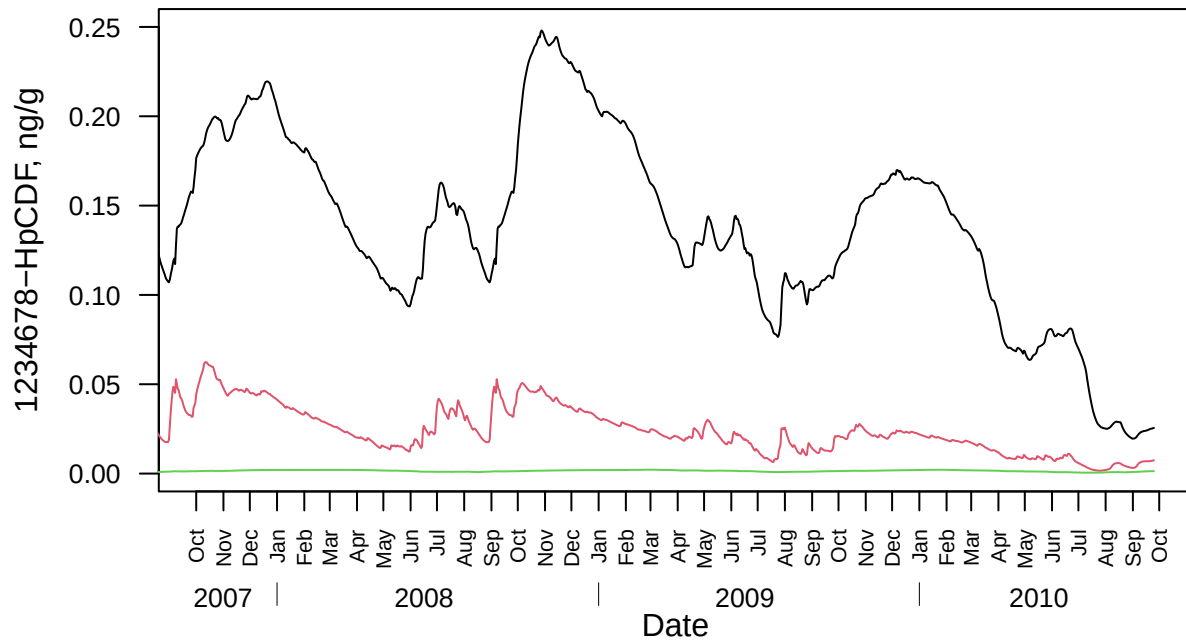


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Phytoplankton

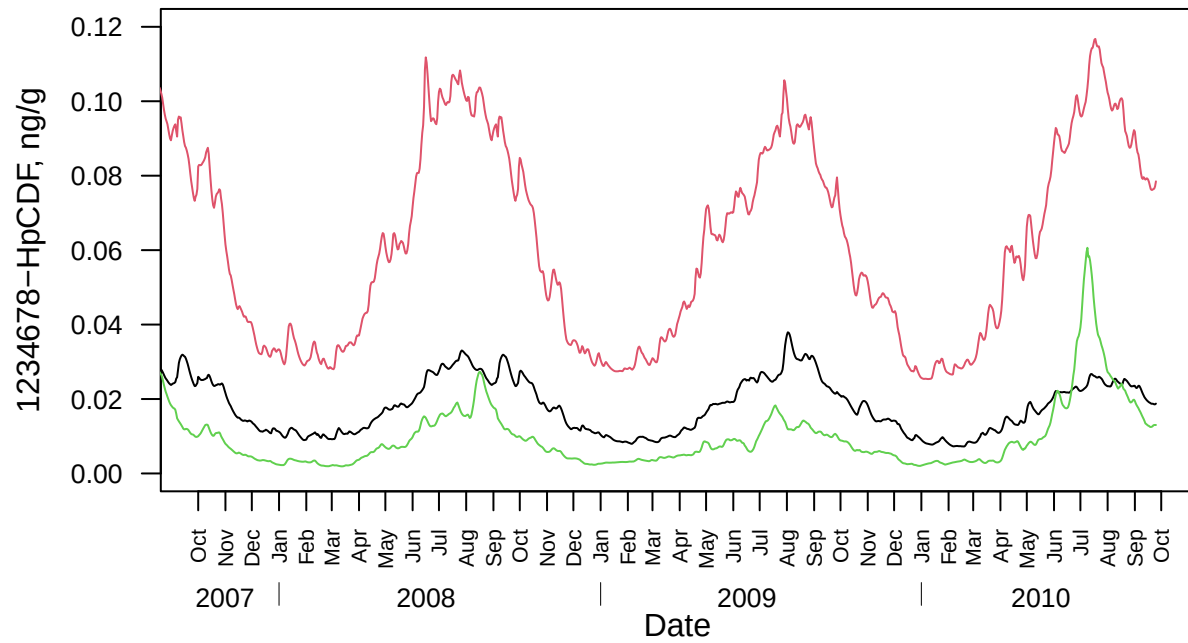


Zooplankton

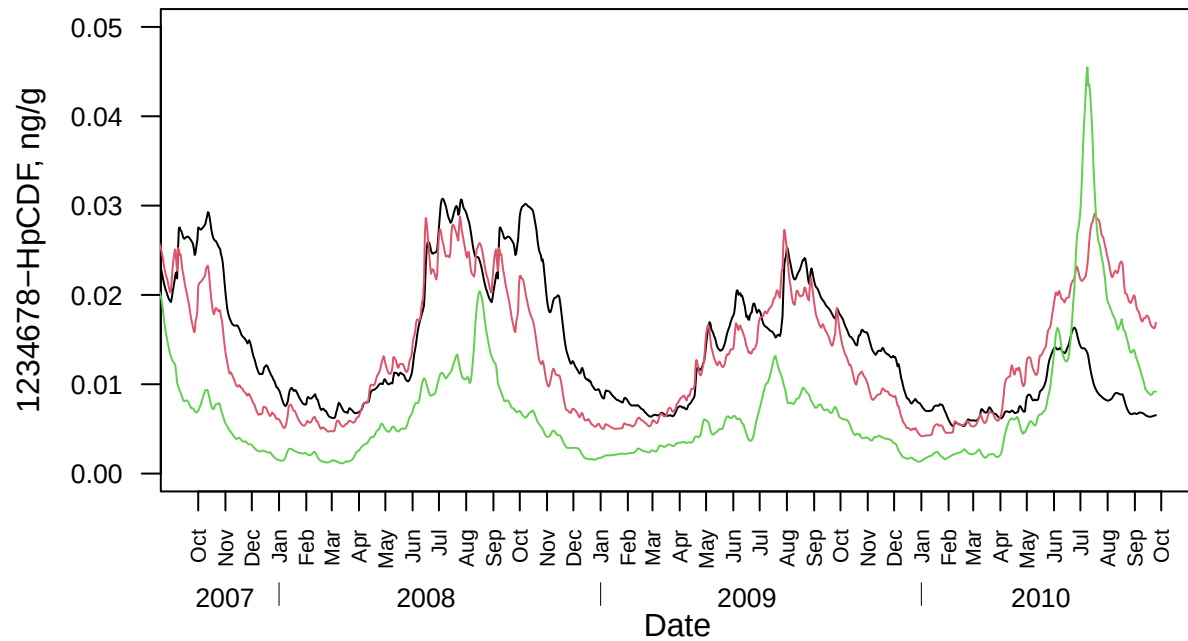


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Benthic invert deposit feeder

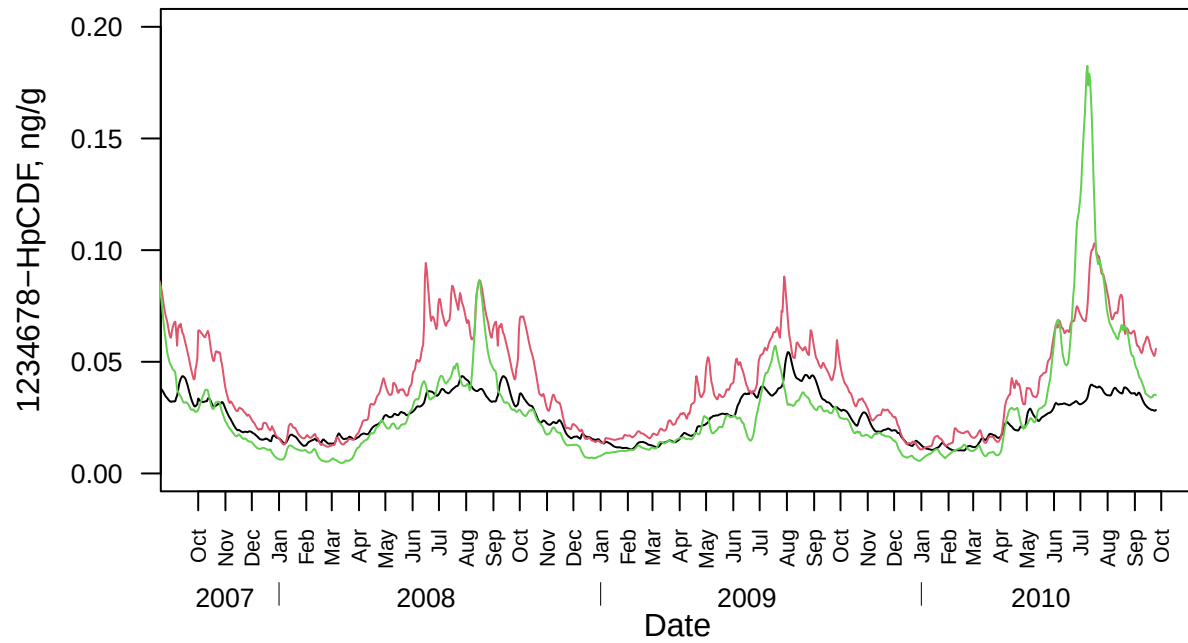


Benthic invert filter feeder

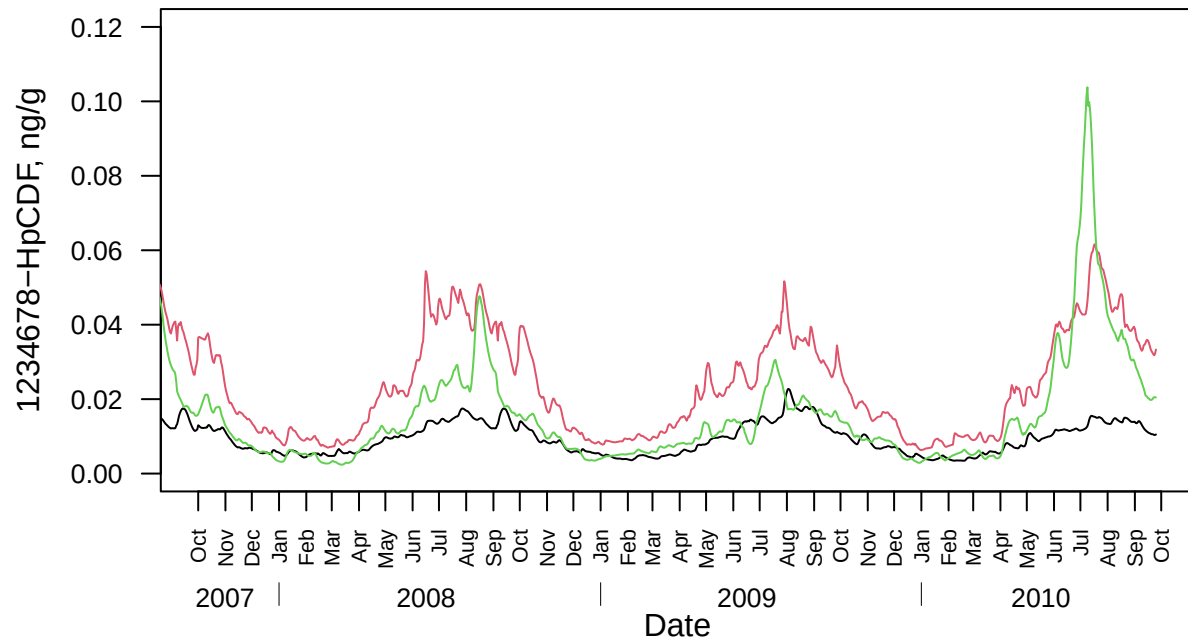


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Benthic invert detritivore

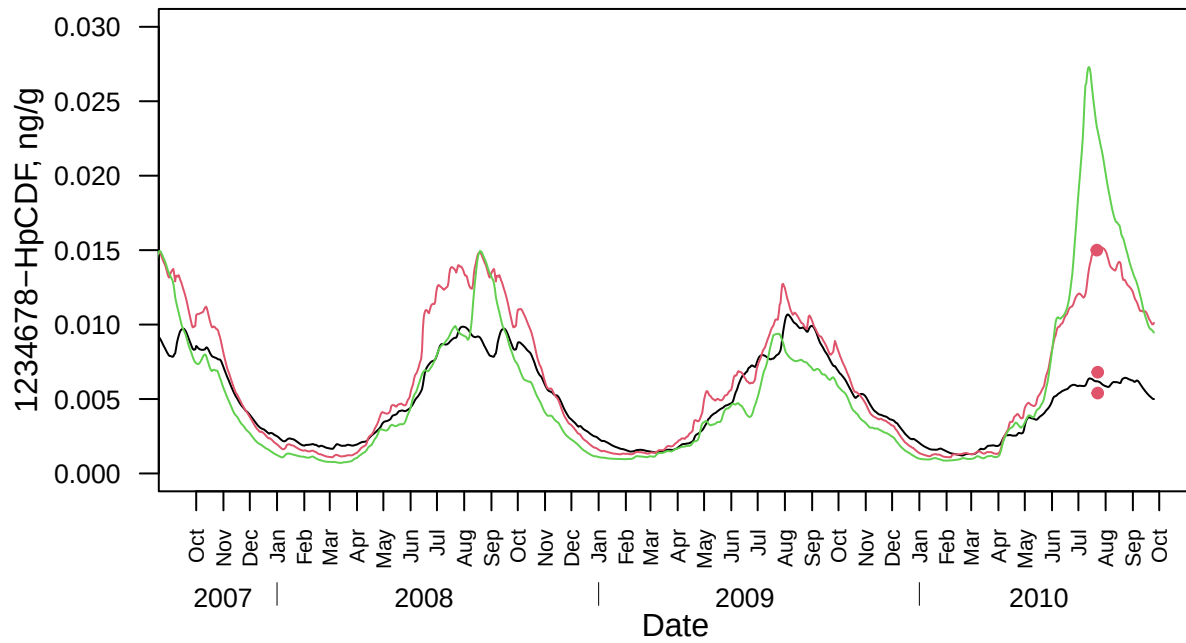


Benthic invert carnivore/omnivore

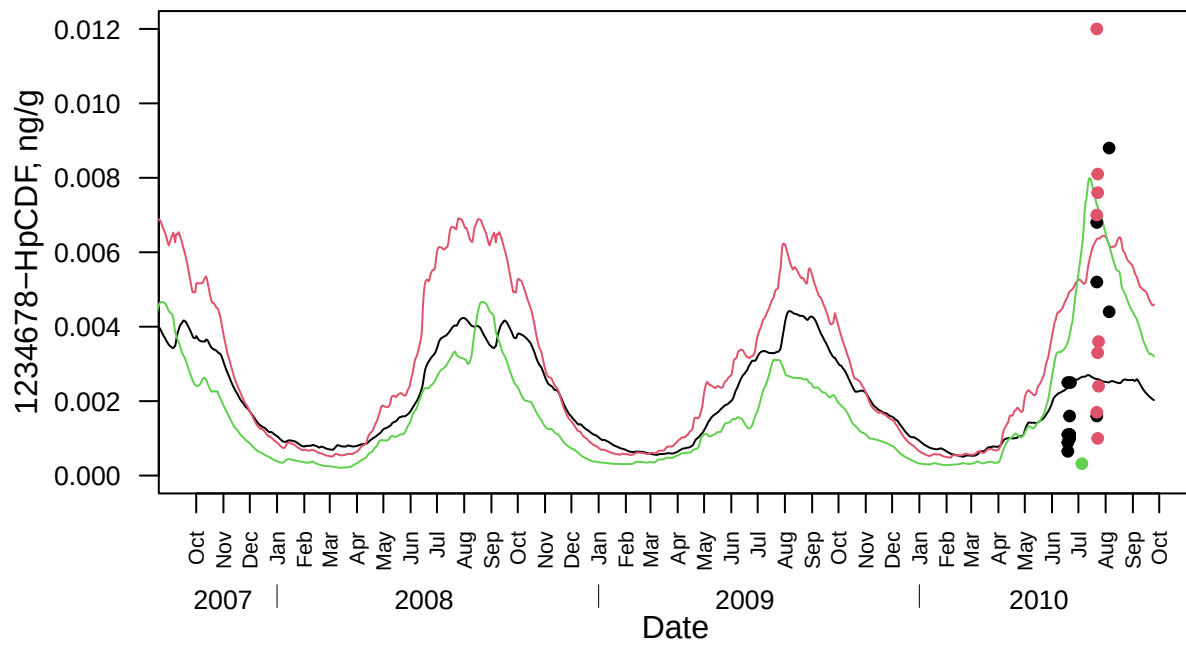


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Small filter feeding fish

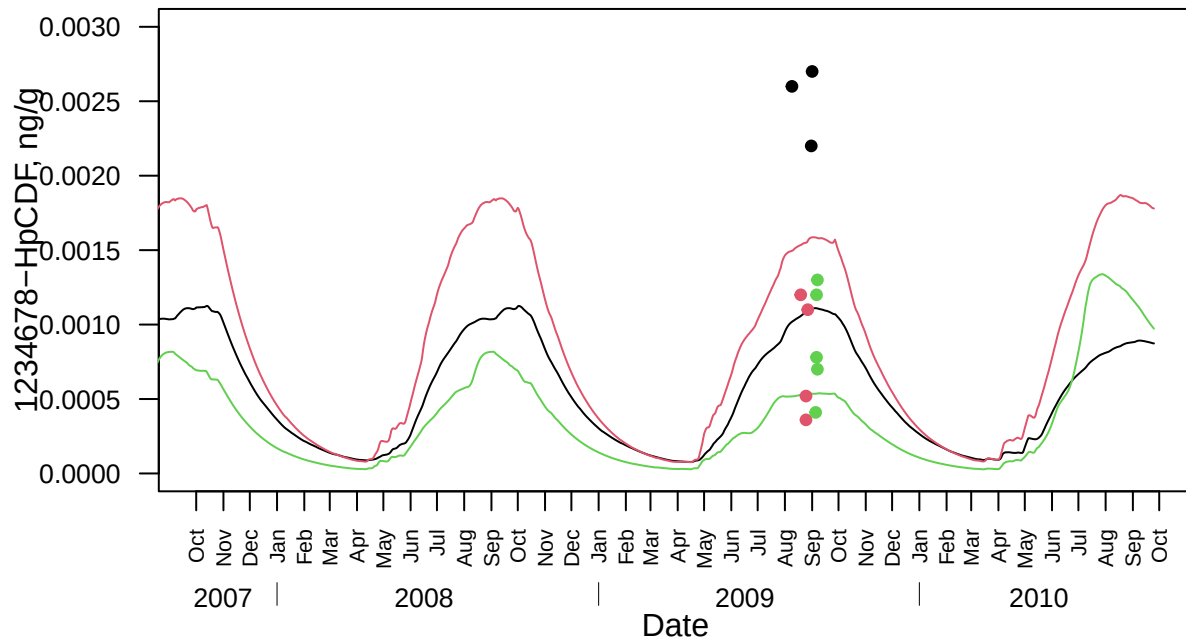


Small forage fish

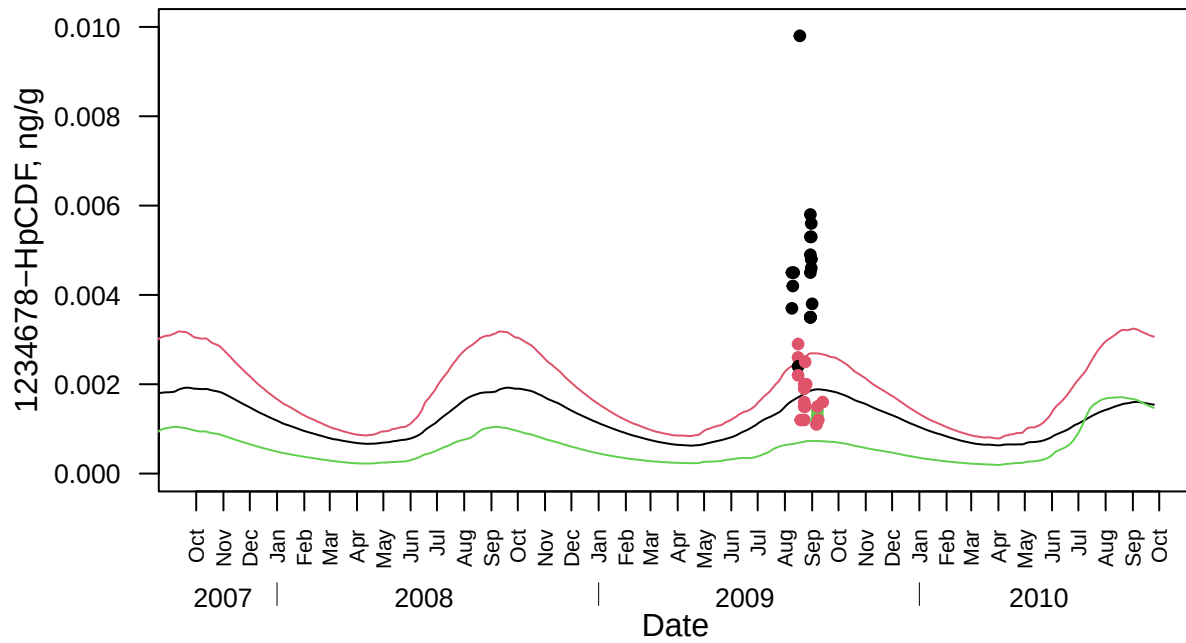


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Small American eel

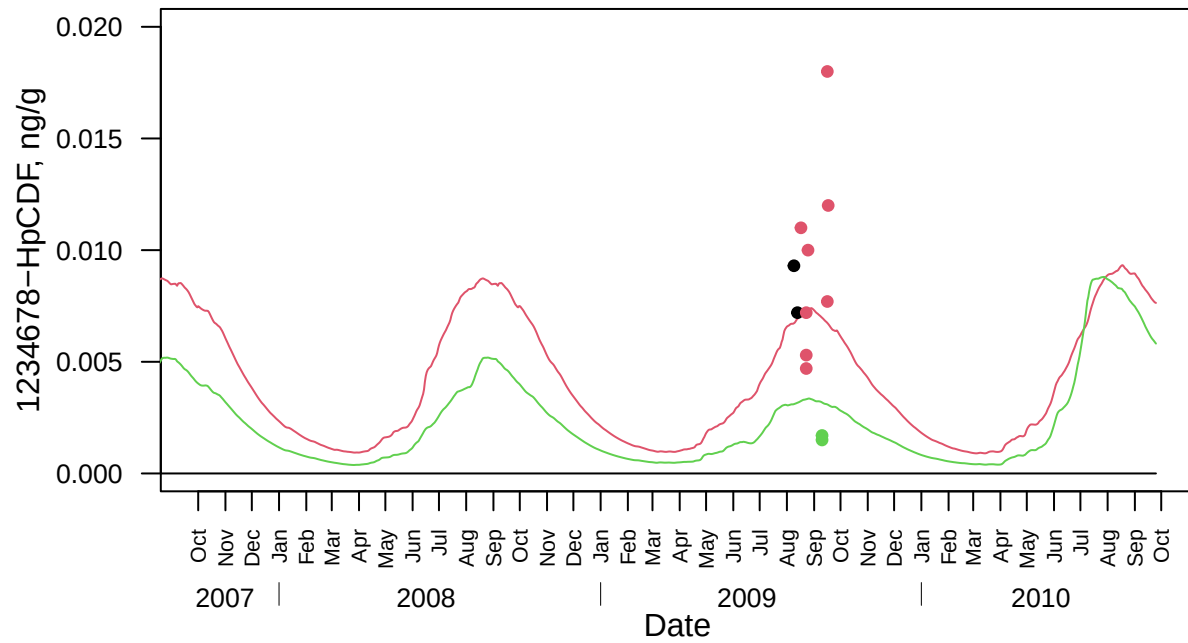


Blue crab

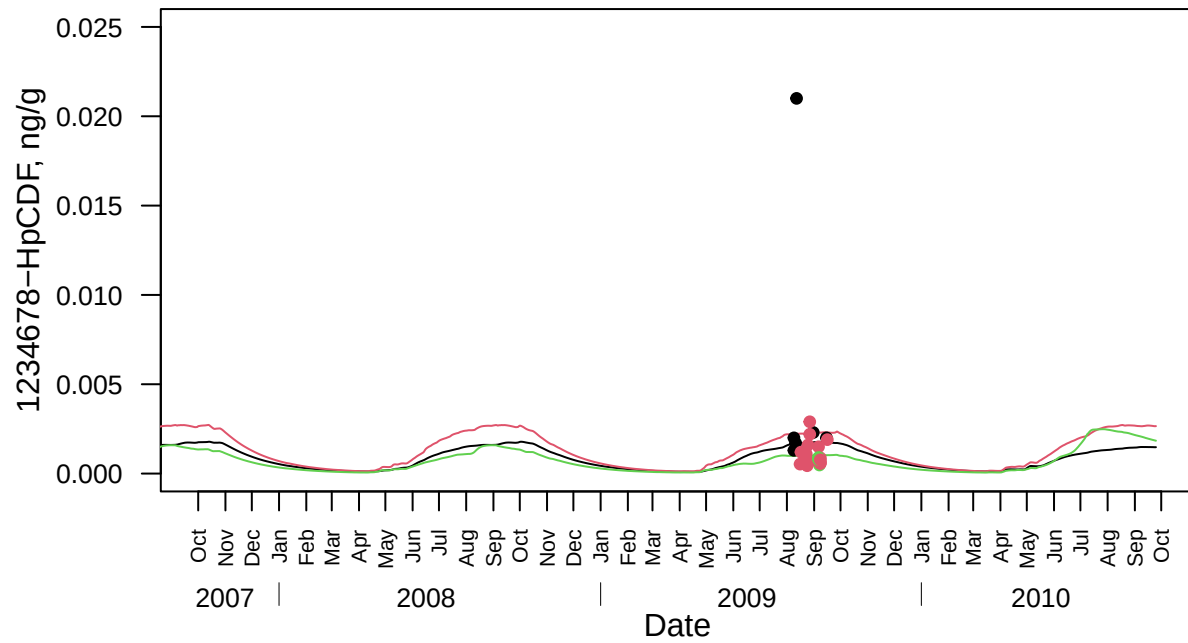


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Carp

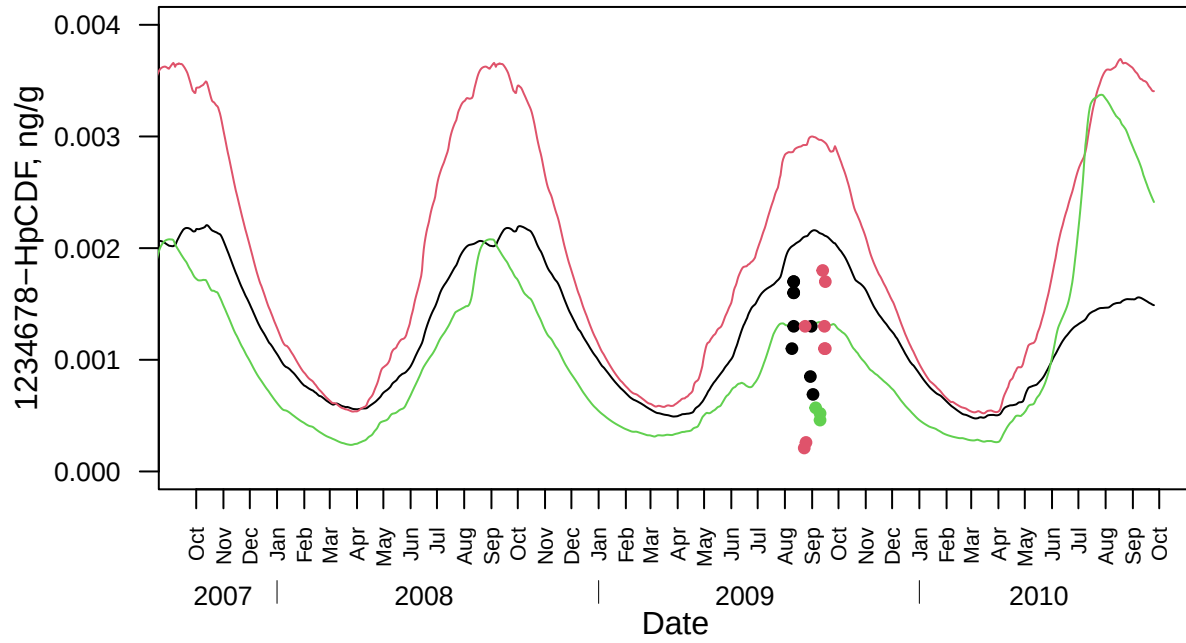


Catfish

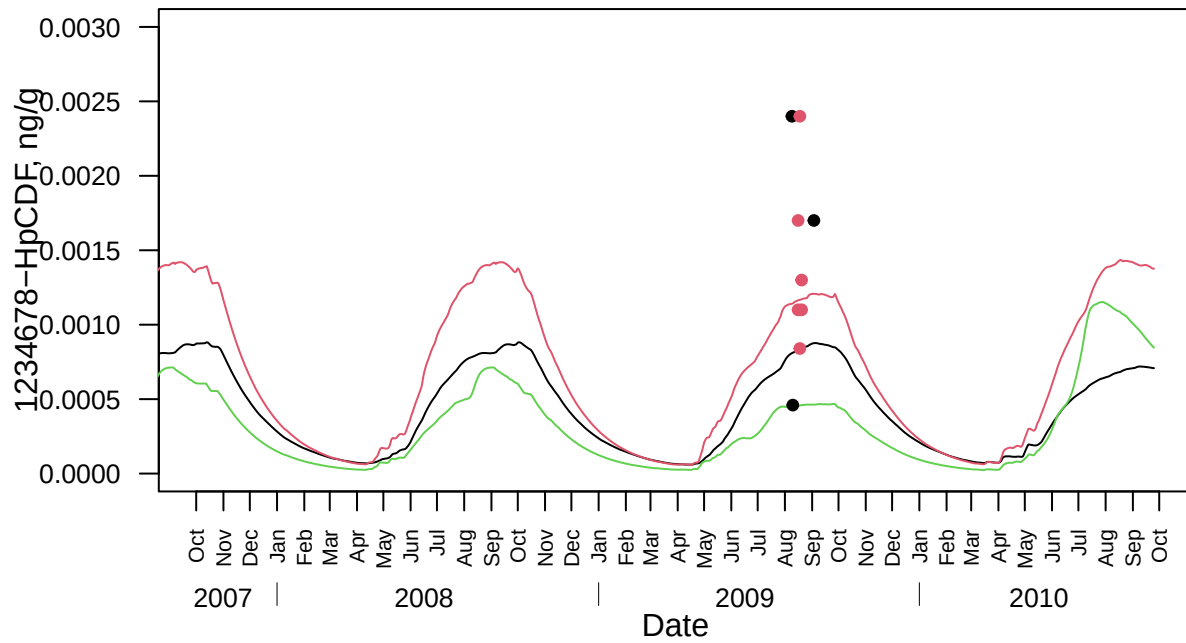


■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

White perch

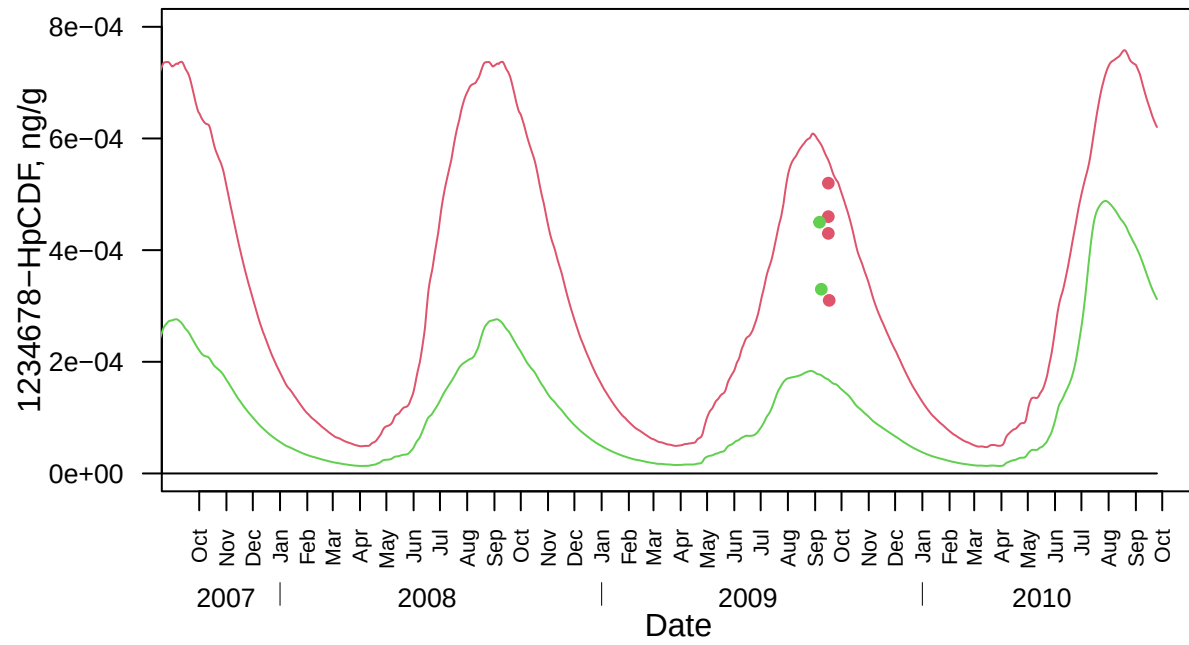


Large American eel



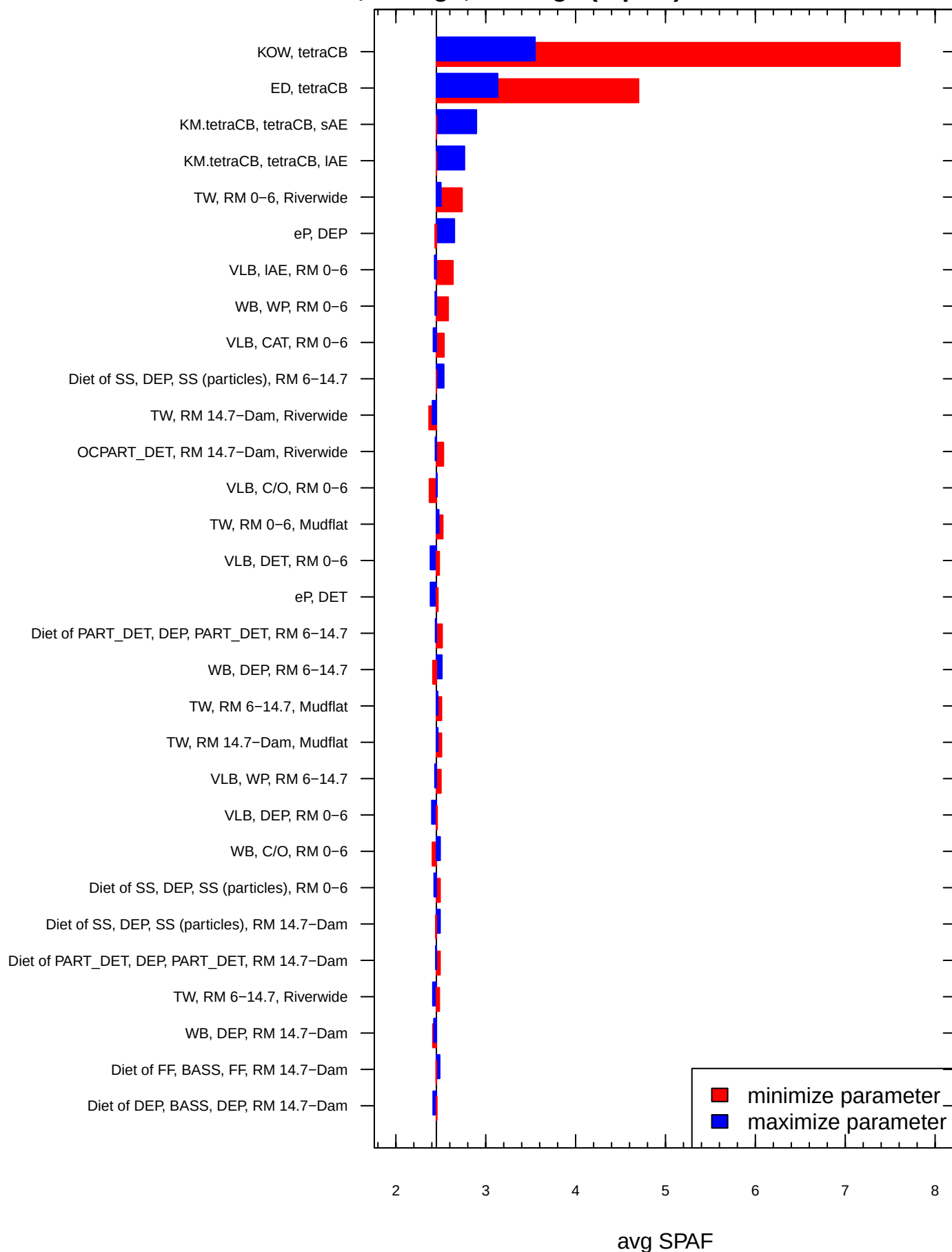
■ RM 0-6 ■ RM 6-14.7 ■ RM 14.7-Dam

Bass

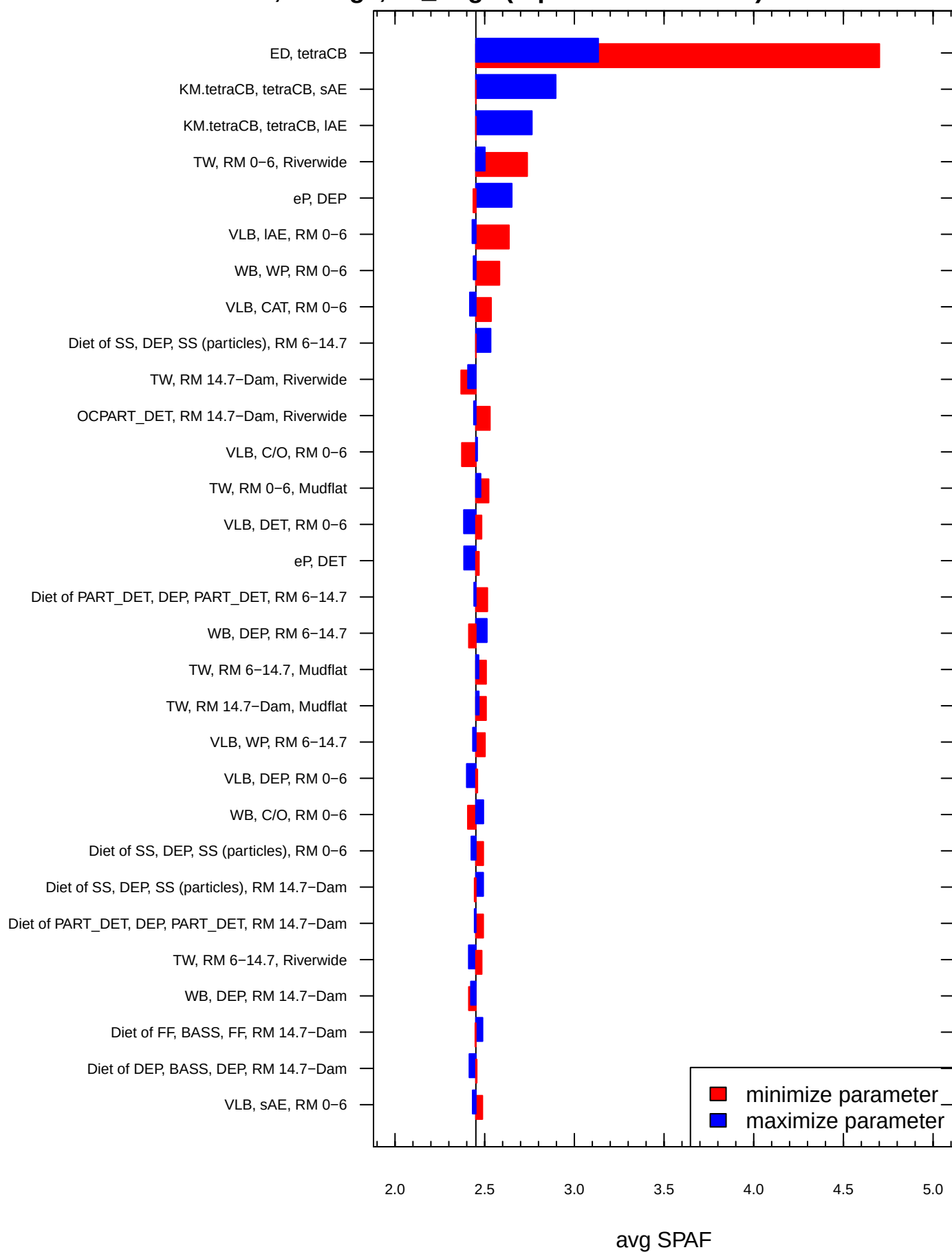


Tornado Plots

tetraCB, all orgs, all_Segs (top 30)

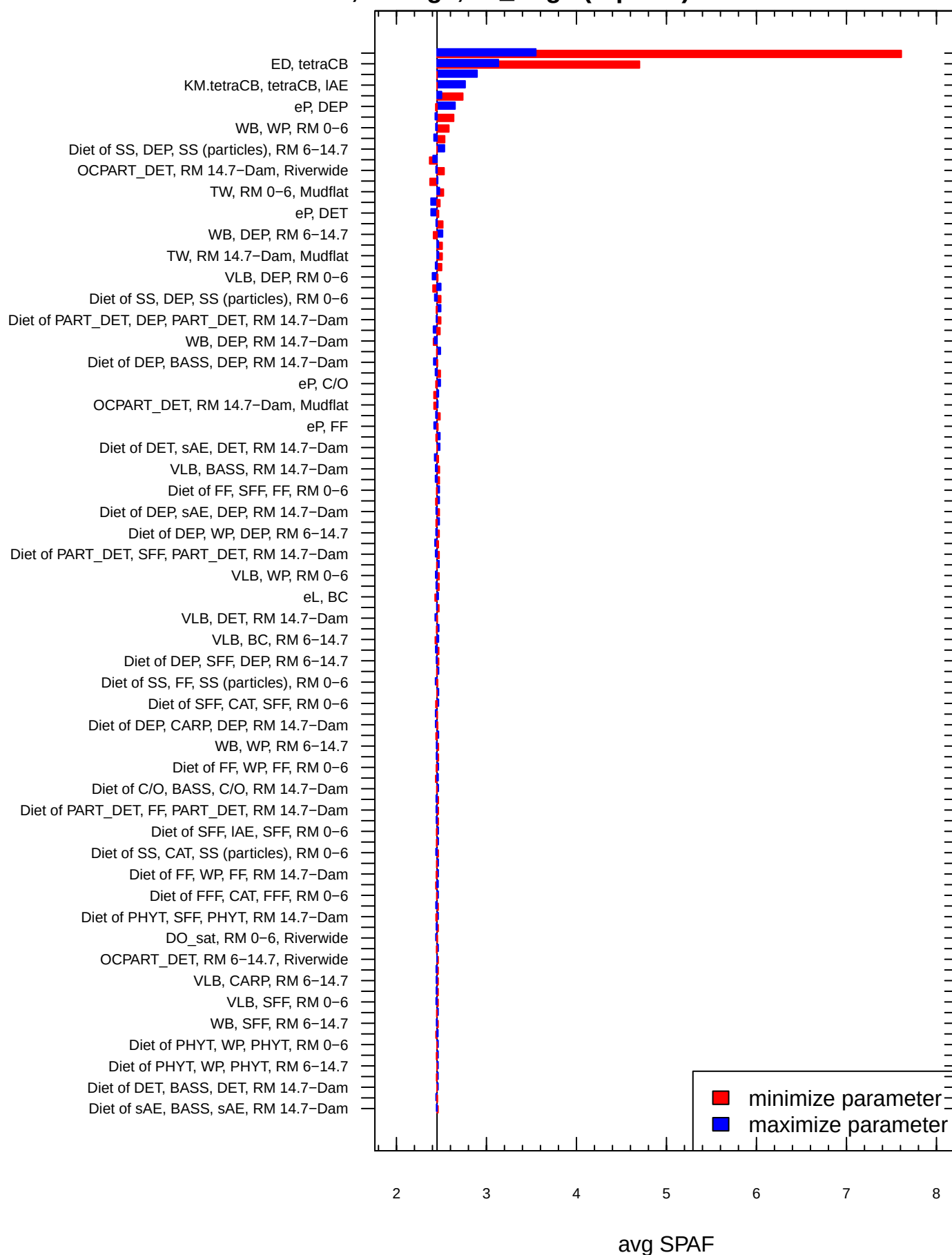


tetraCB, all orgs, all_Segs (top 30 without KOW)

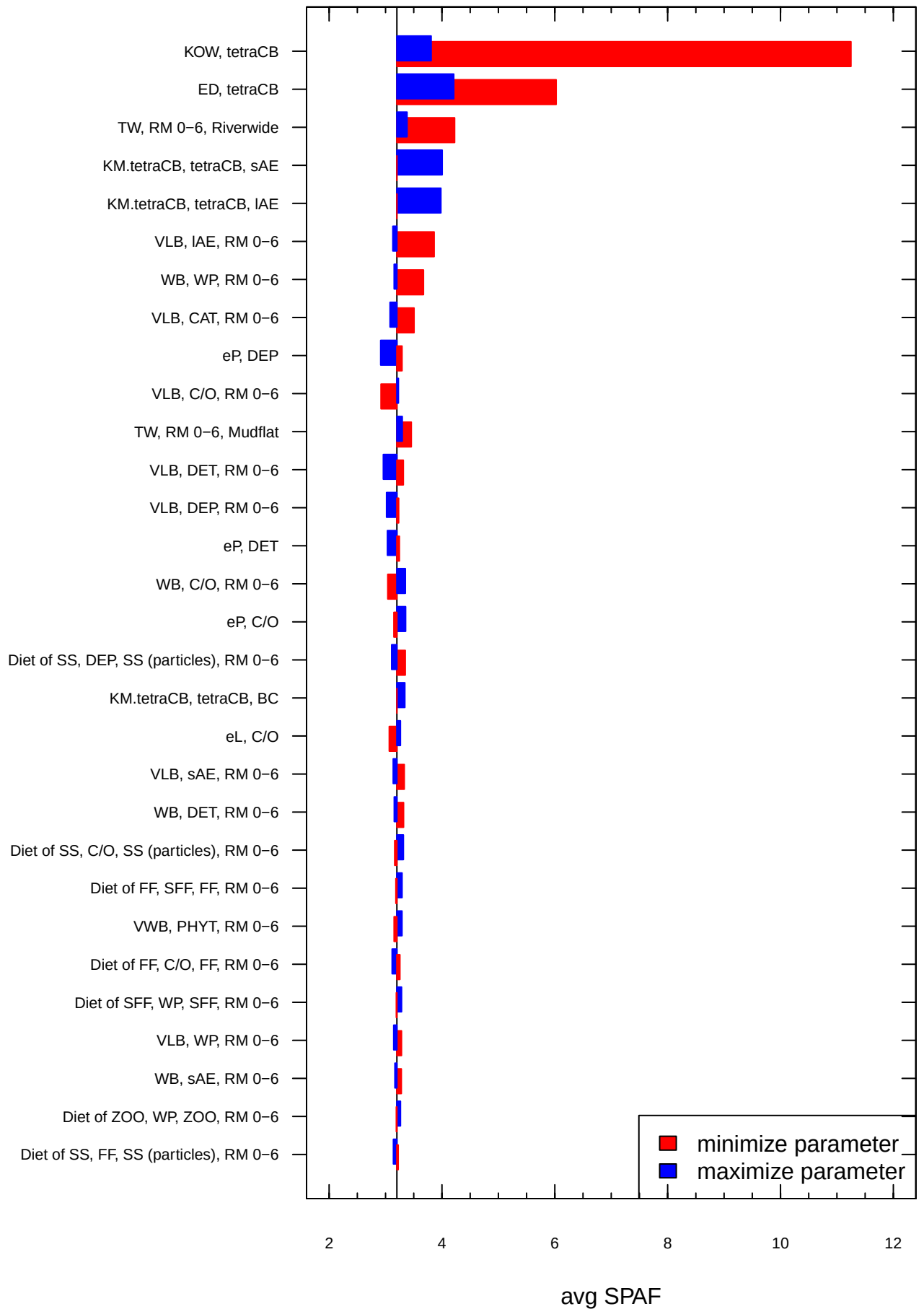


Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

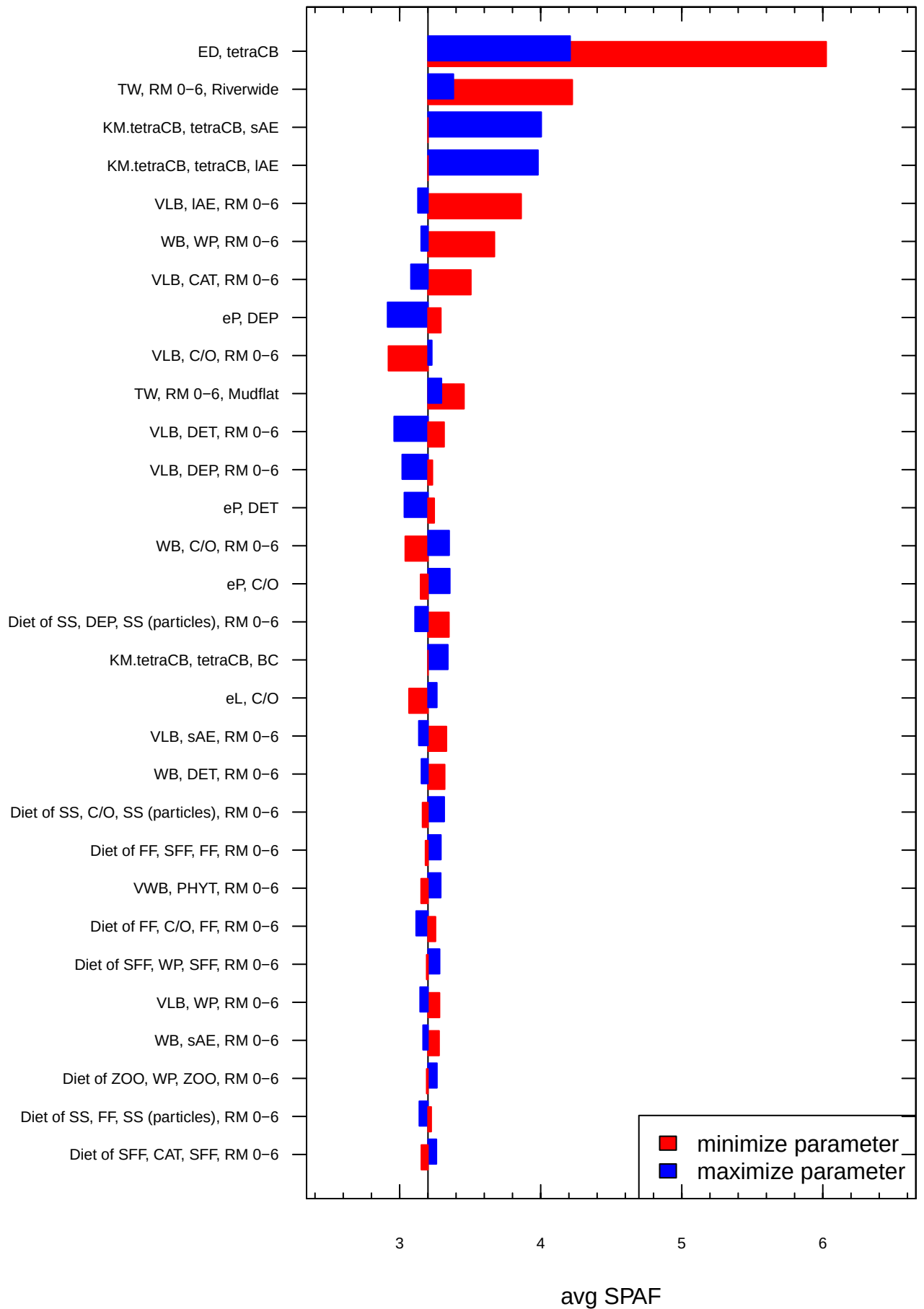
tetraCB, all orgs, all_Segs (top 100)



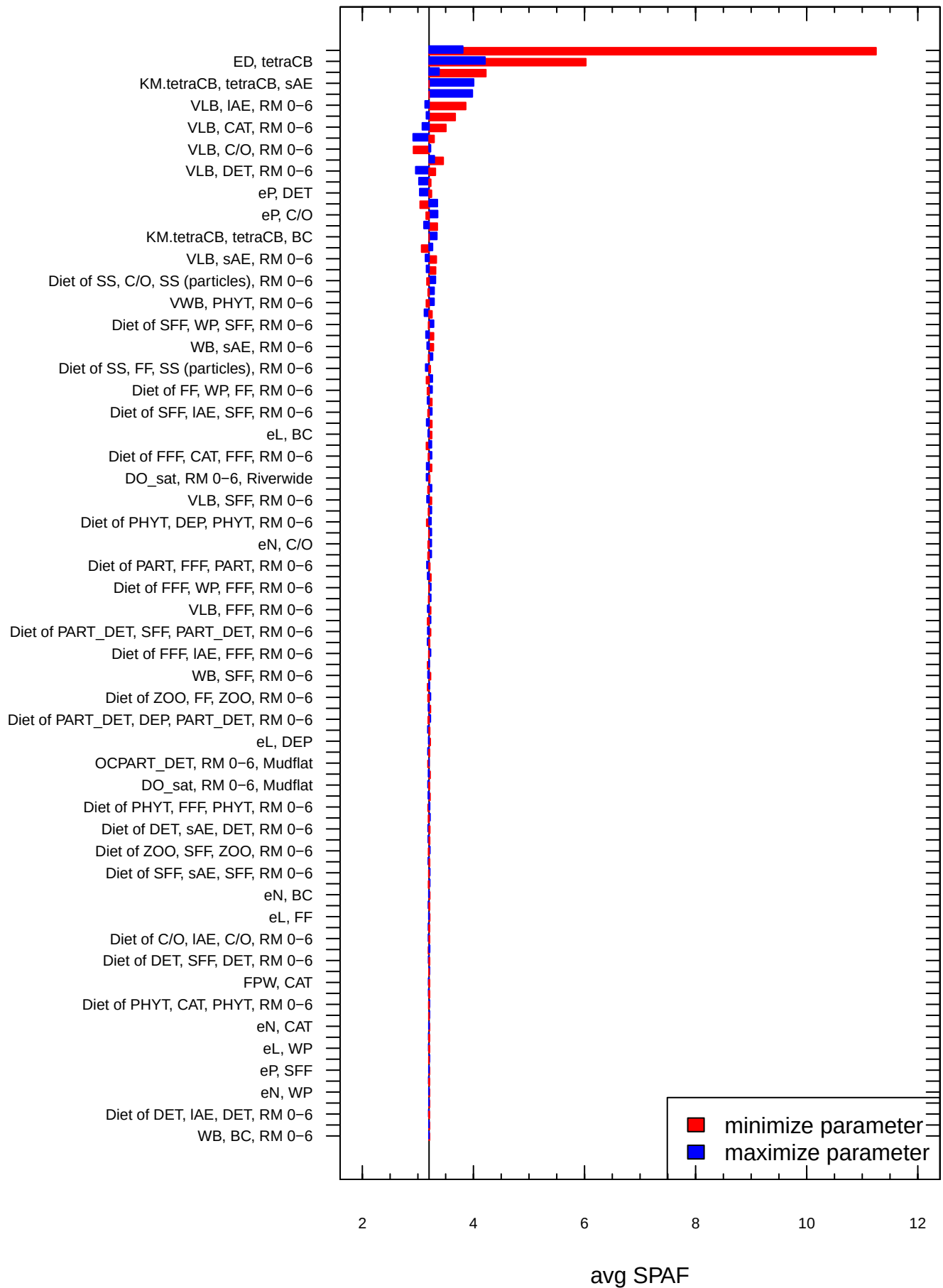
tetraCB, all orgs, RM 0-6 (top 30)



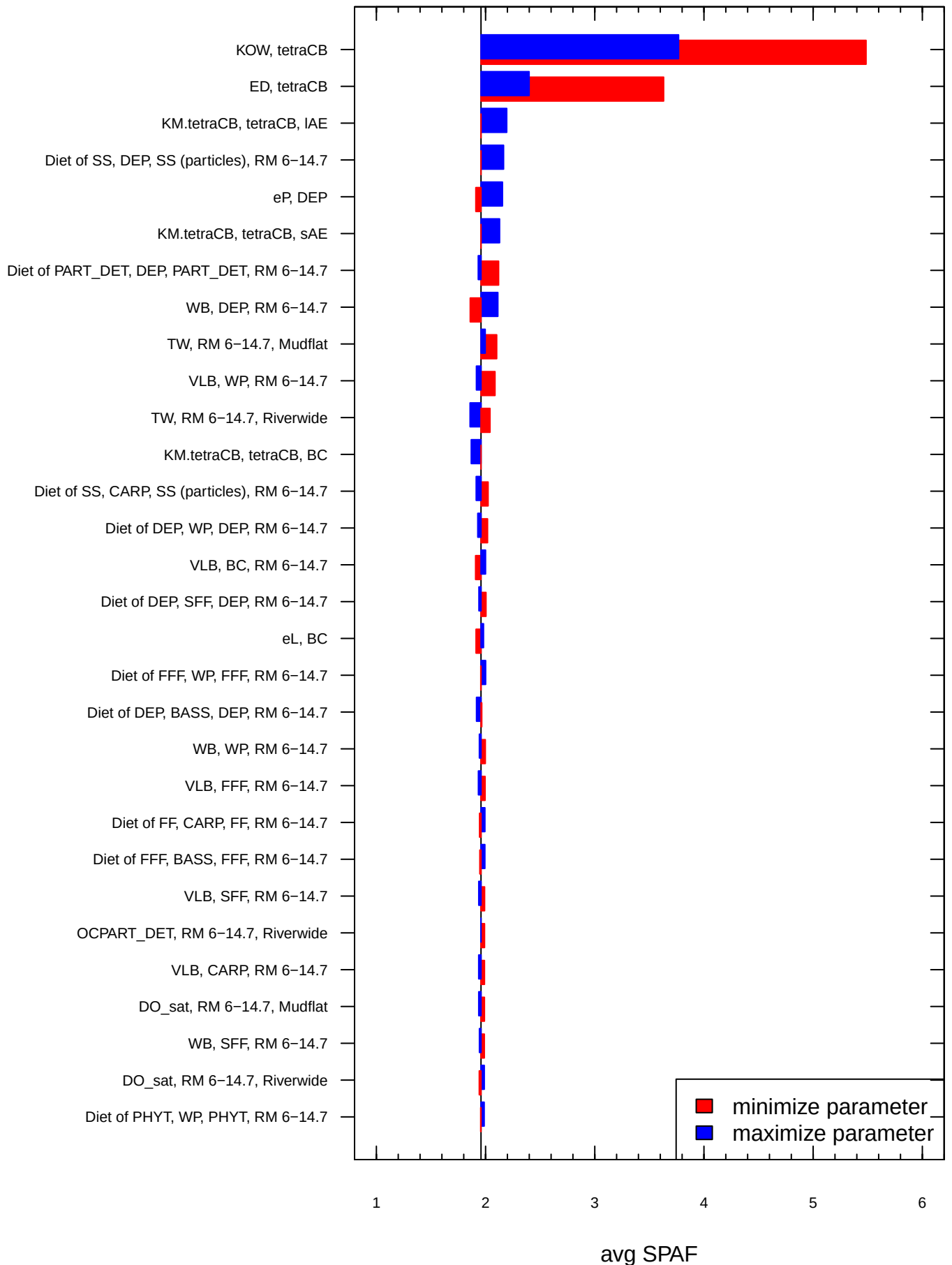
tetraCB, all orgs, RM 0-6 (top 30 without KOW)



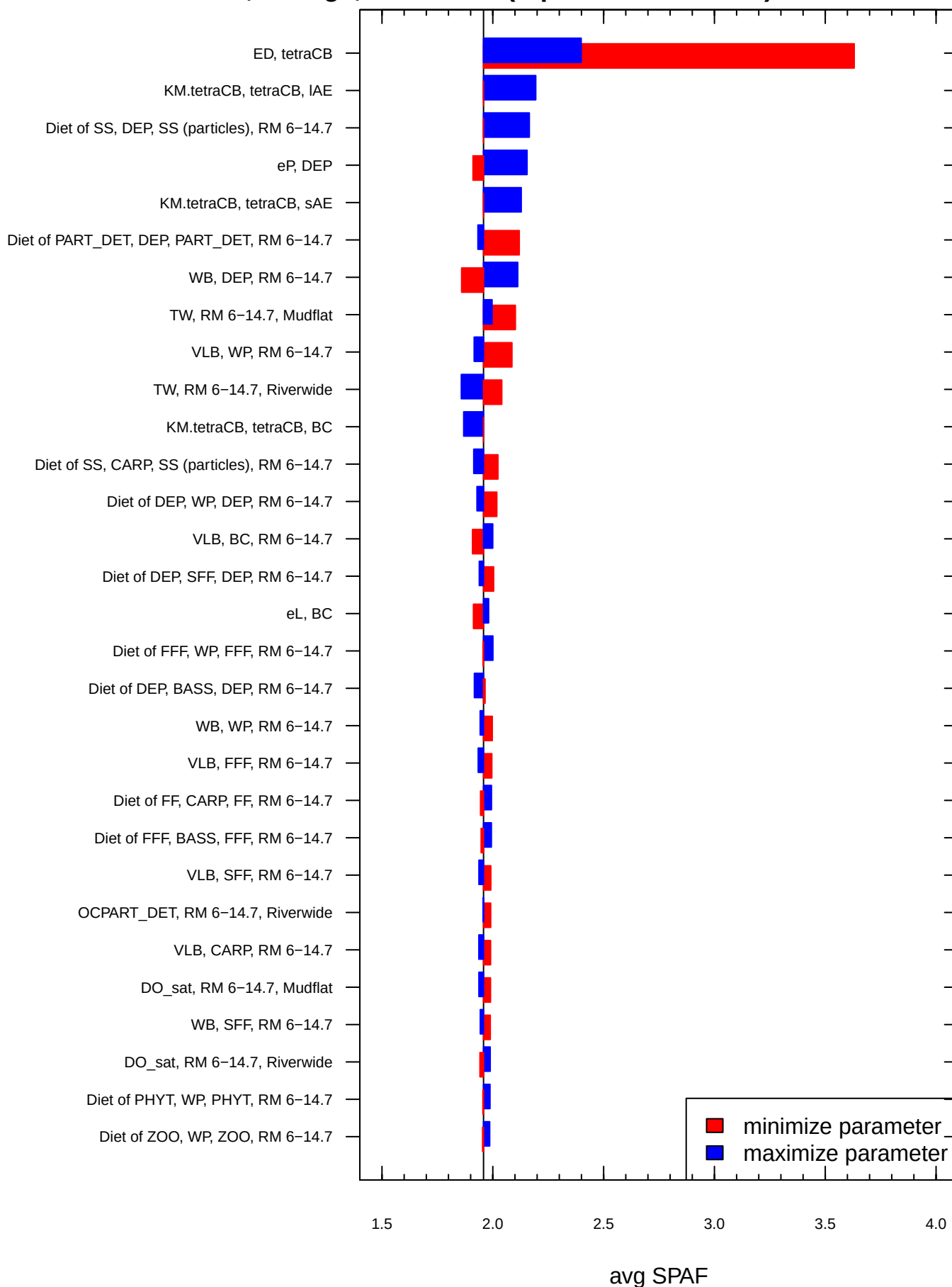
tetraCB, all orgs, RM 0-6 (top 100)



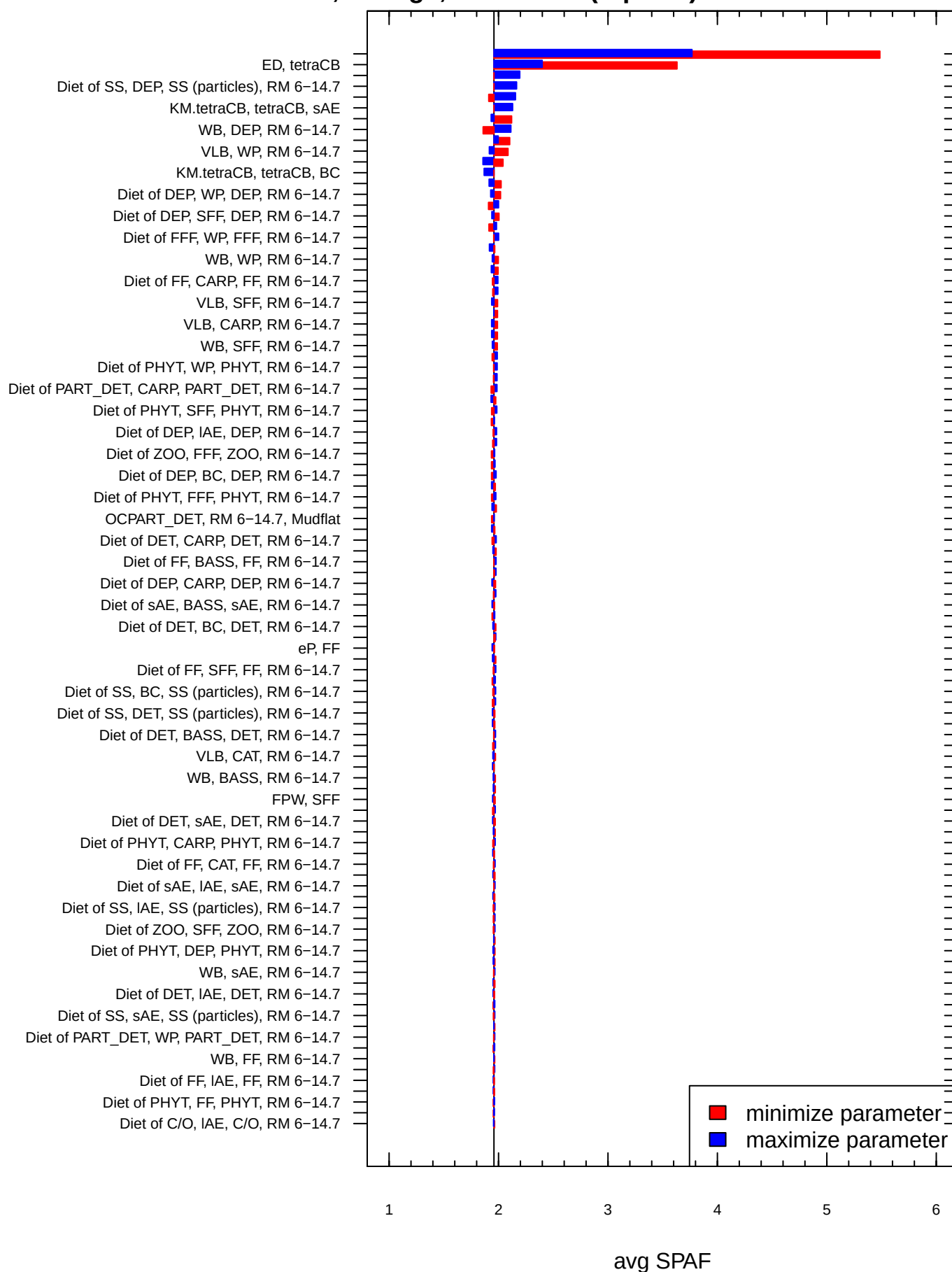
tetraCB, all orgs, RM 6–14.7 (top 30)



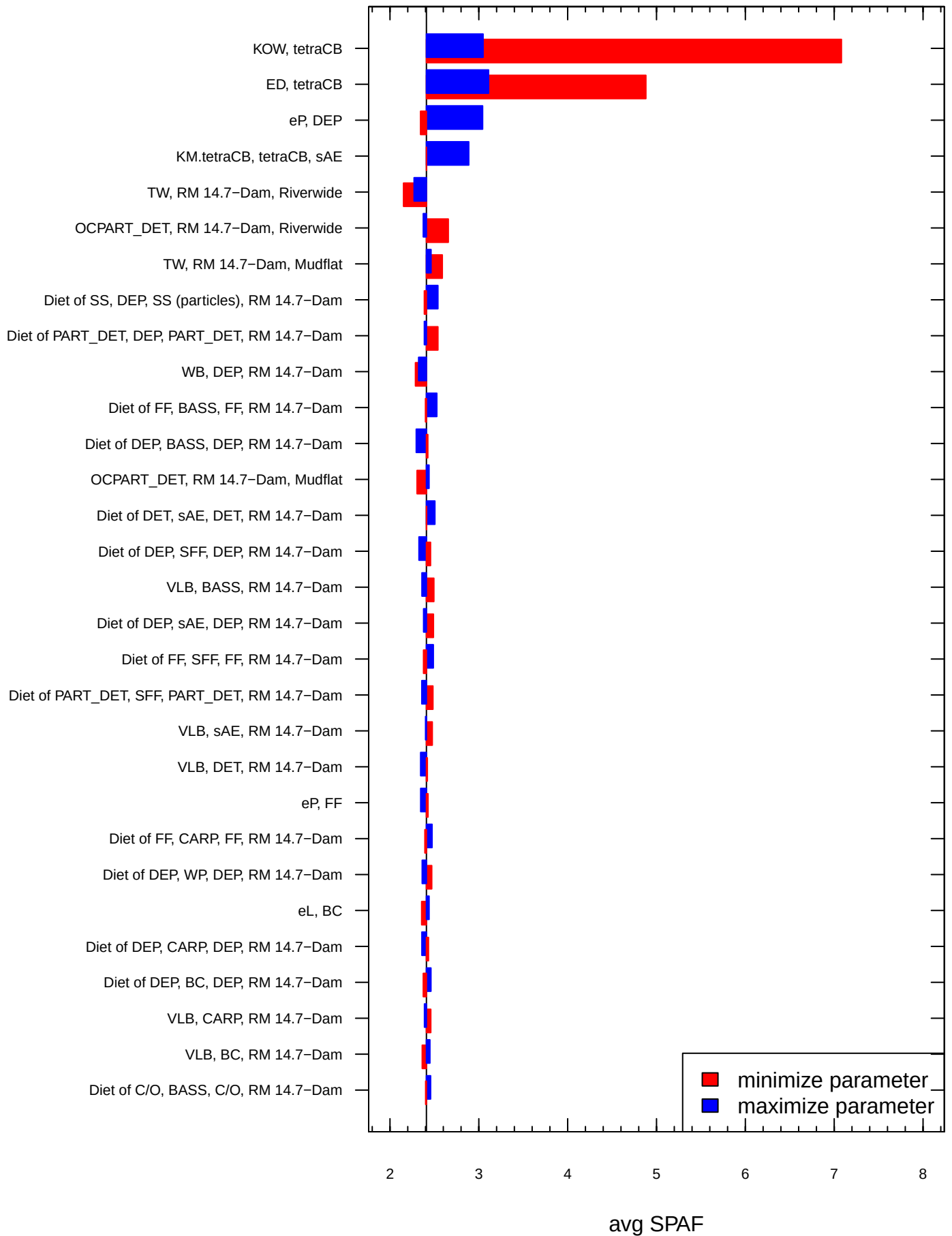
tetraCB, all orgs, RM 6–14.7 (top 30 without KOW)



tetraCB, all orgs, RM 6–14.7 (top 100)

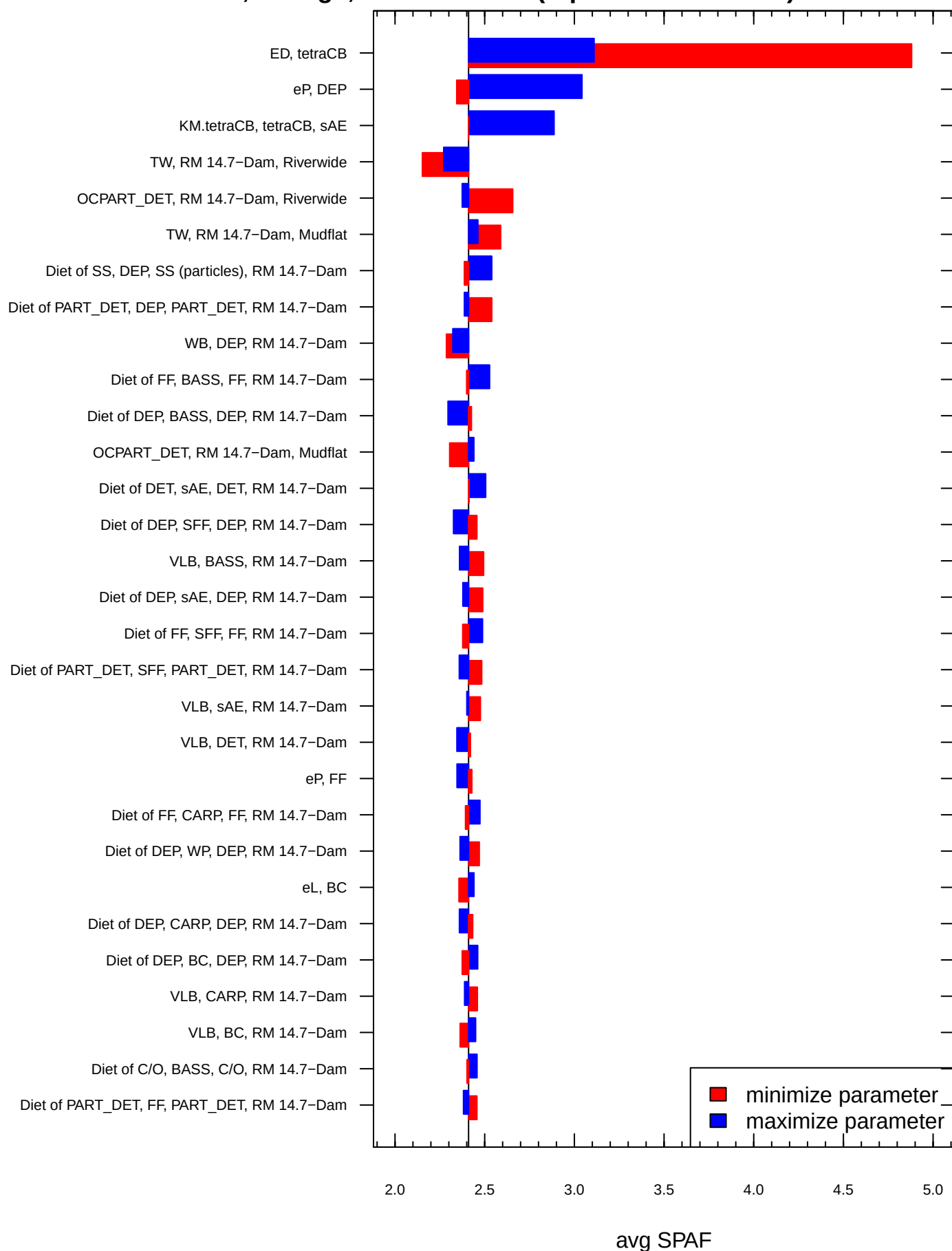


tetraCB, all orgs, RM 14.7-Dam (top 30)

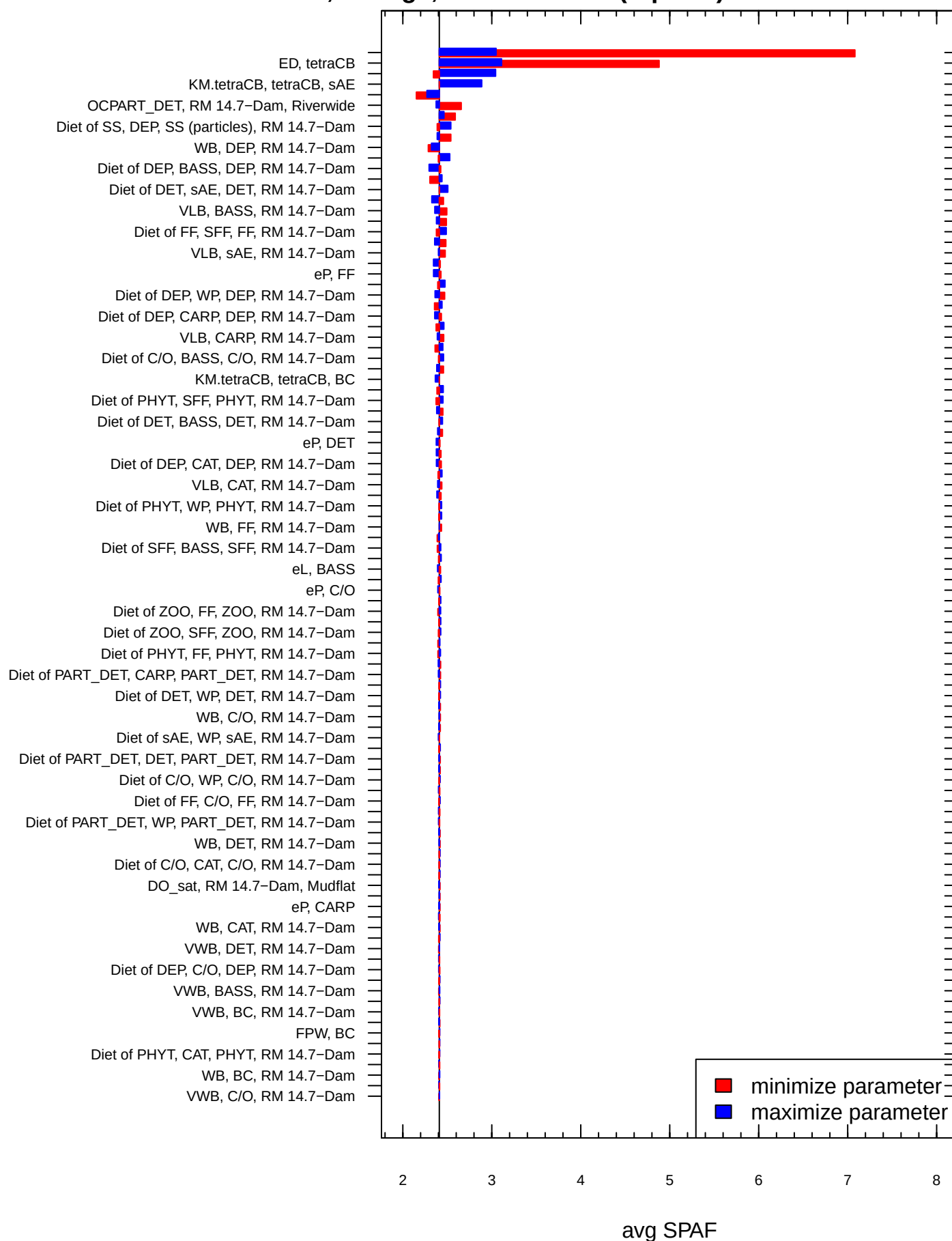


Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, 40 IAE=Large American eel, BASS=Bass

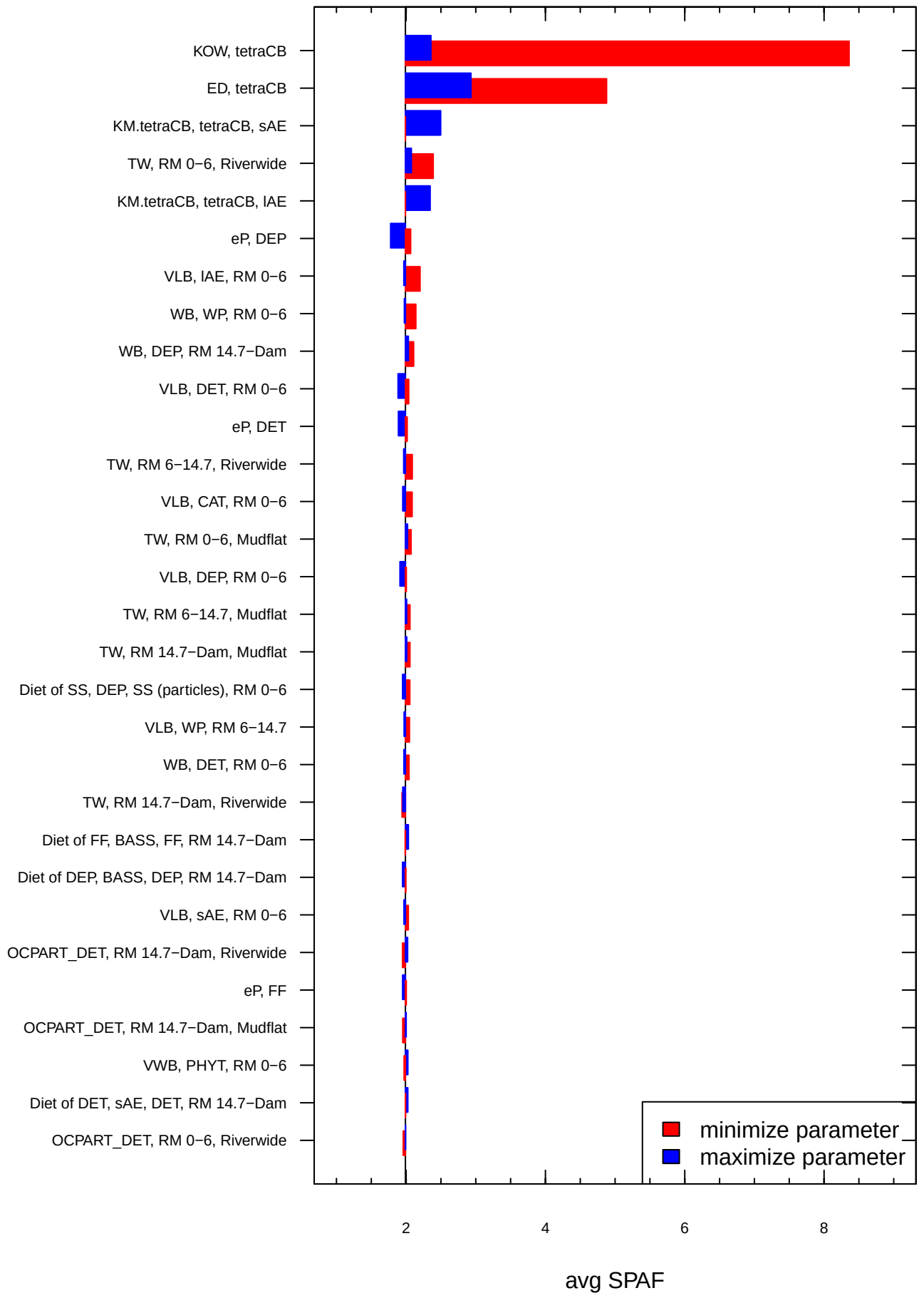
tetraCB, all orgs, RM 14.7-Dam (top 30 without KOW)



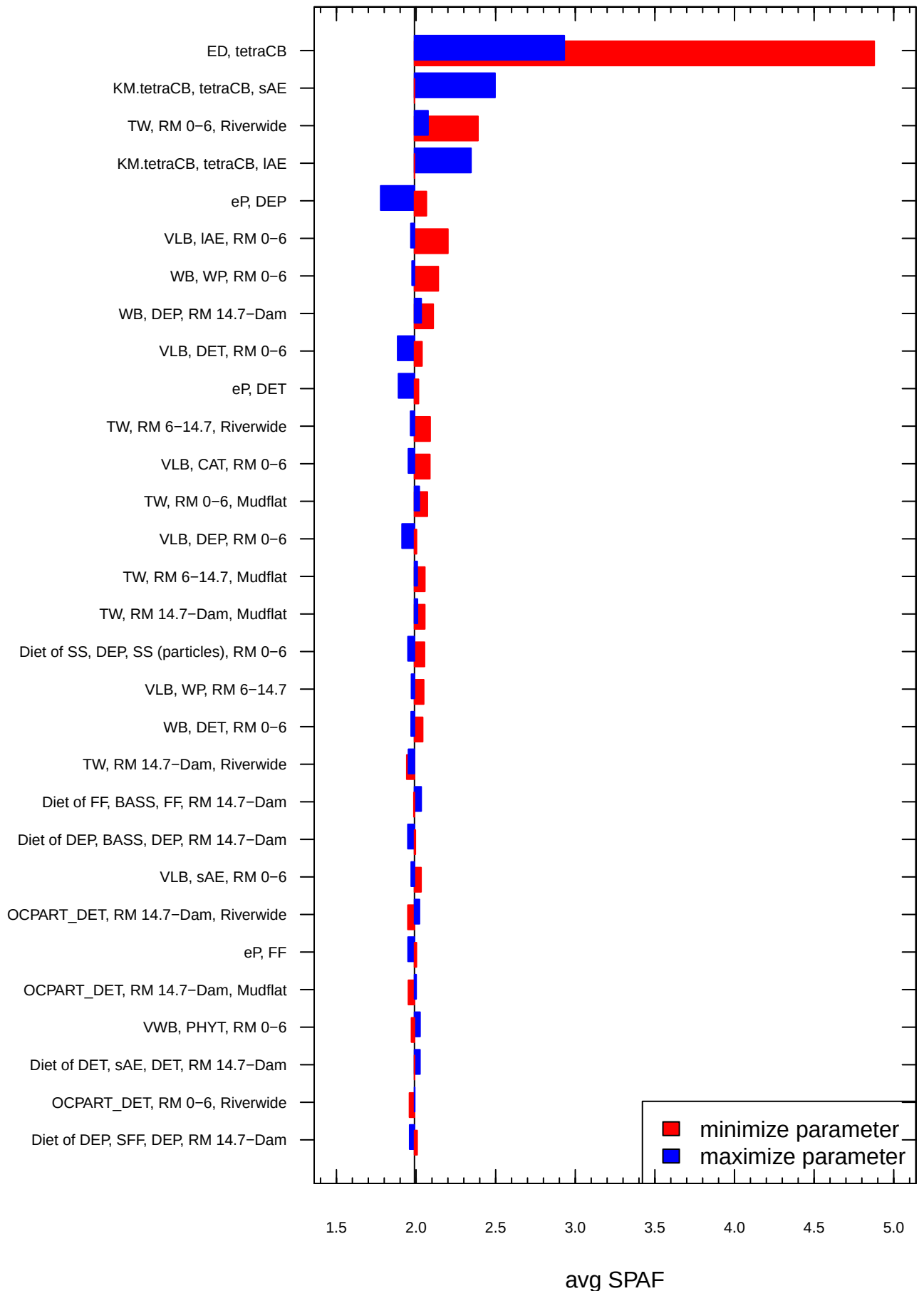
tetraCB, all orgs, RM 14.7-Dam (top 100)



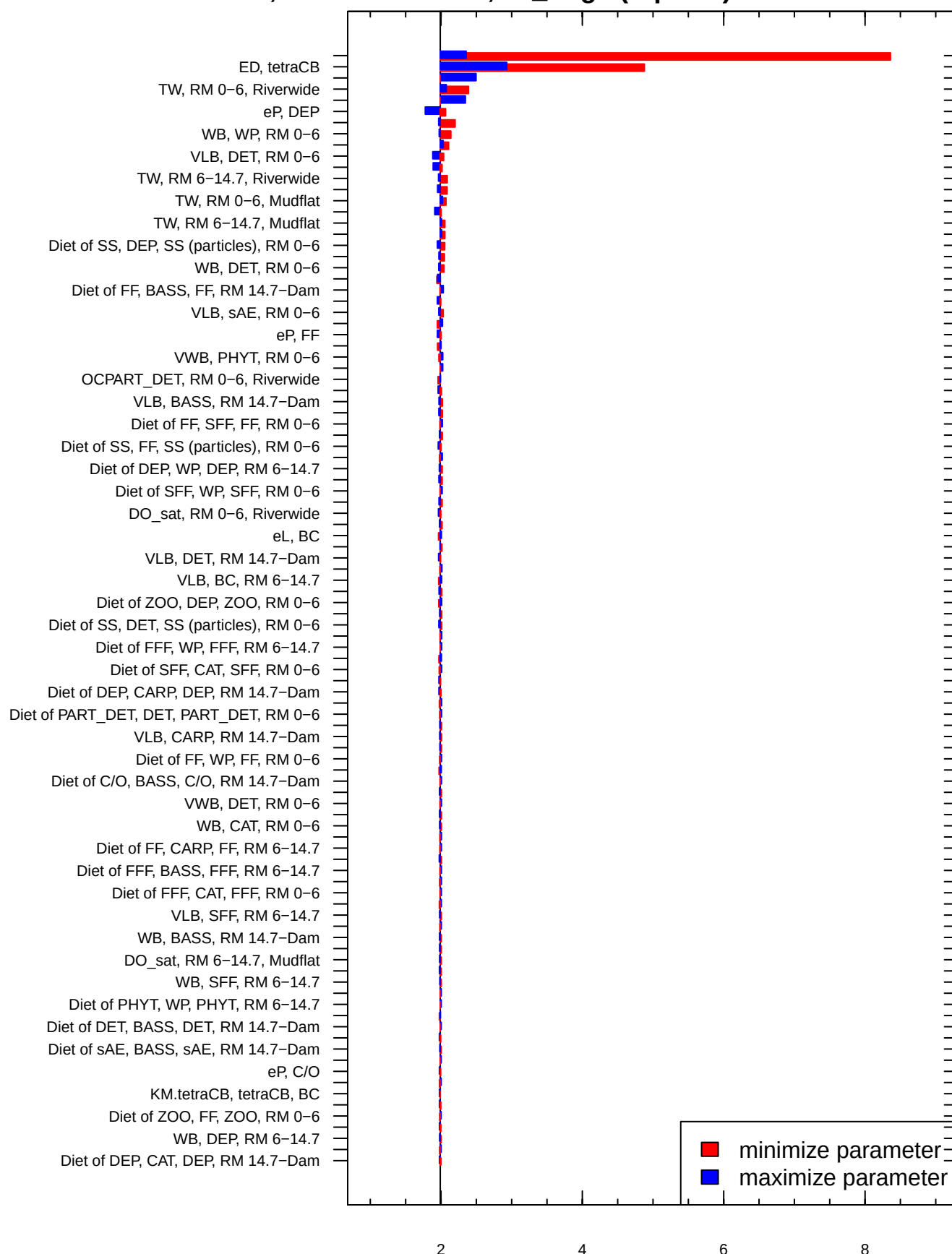
tetraCB, exclude benthic, all_Segs (top 30)



tetraCB, exclude benthic, all_Segs (top 30 without KOW)

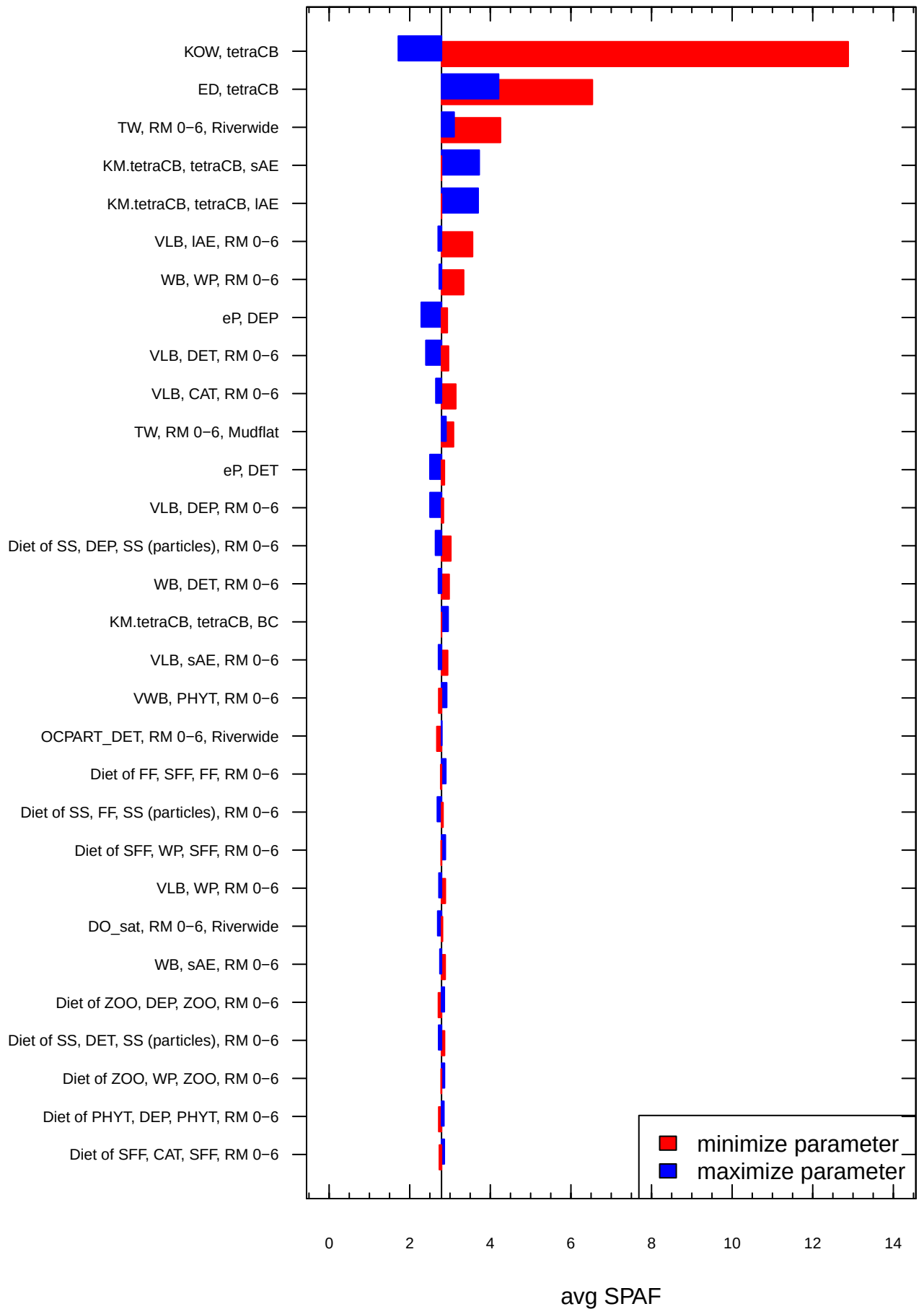


tetraCB, exclude benthic, all_Segs (top 100)

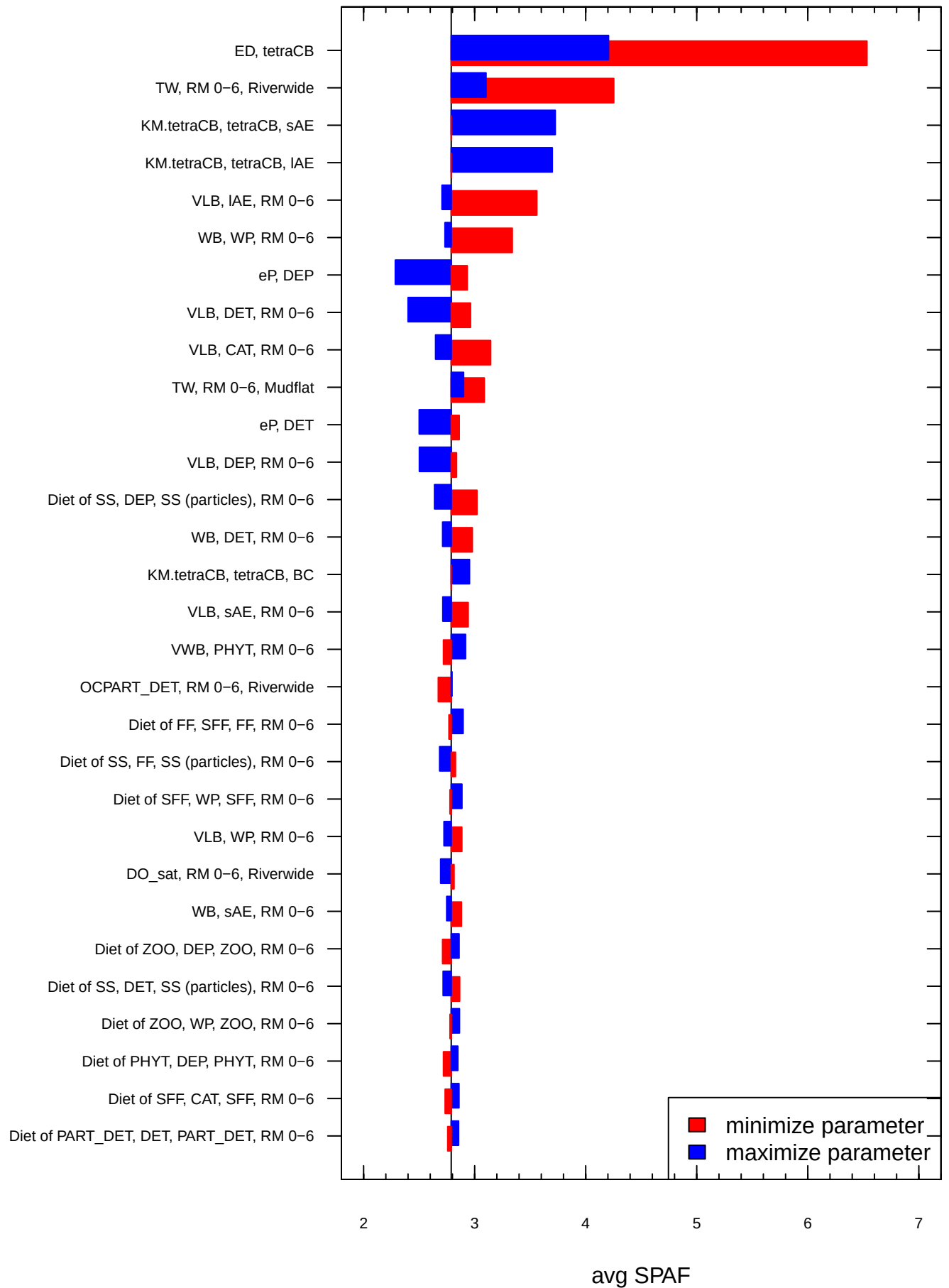


avg SPAF

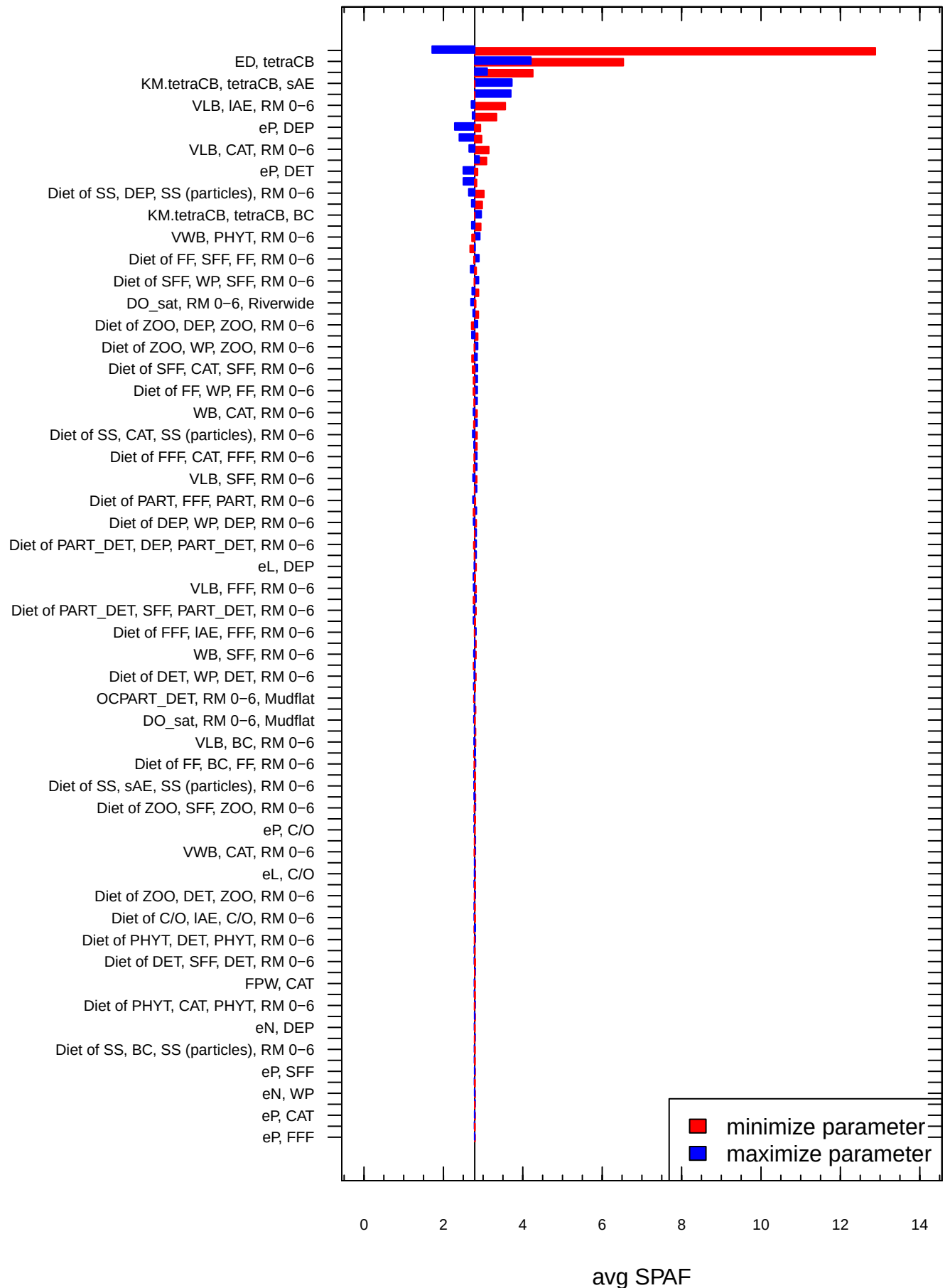
tetraCB, exclude benthic, RM 0-6 (top 30)



tetraCB, exclude benthic, RM 0-6 (top 30 without KOW)

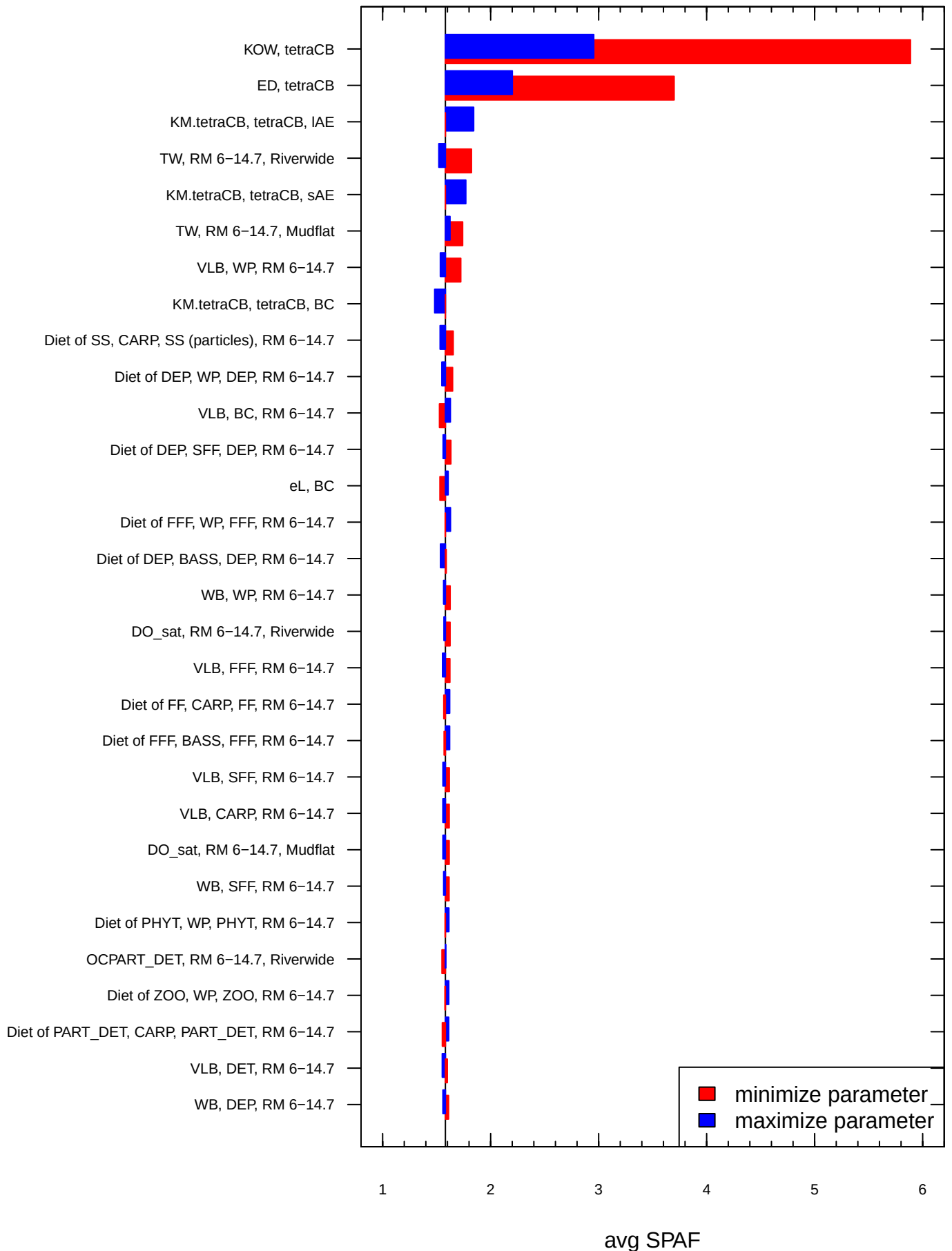


tetraCB, exclude benthic, RM 0-6 (top 100)

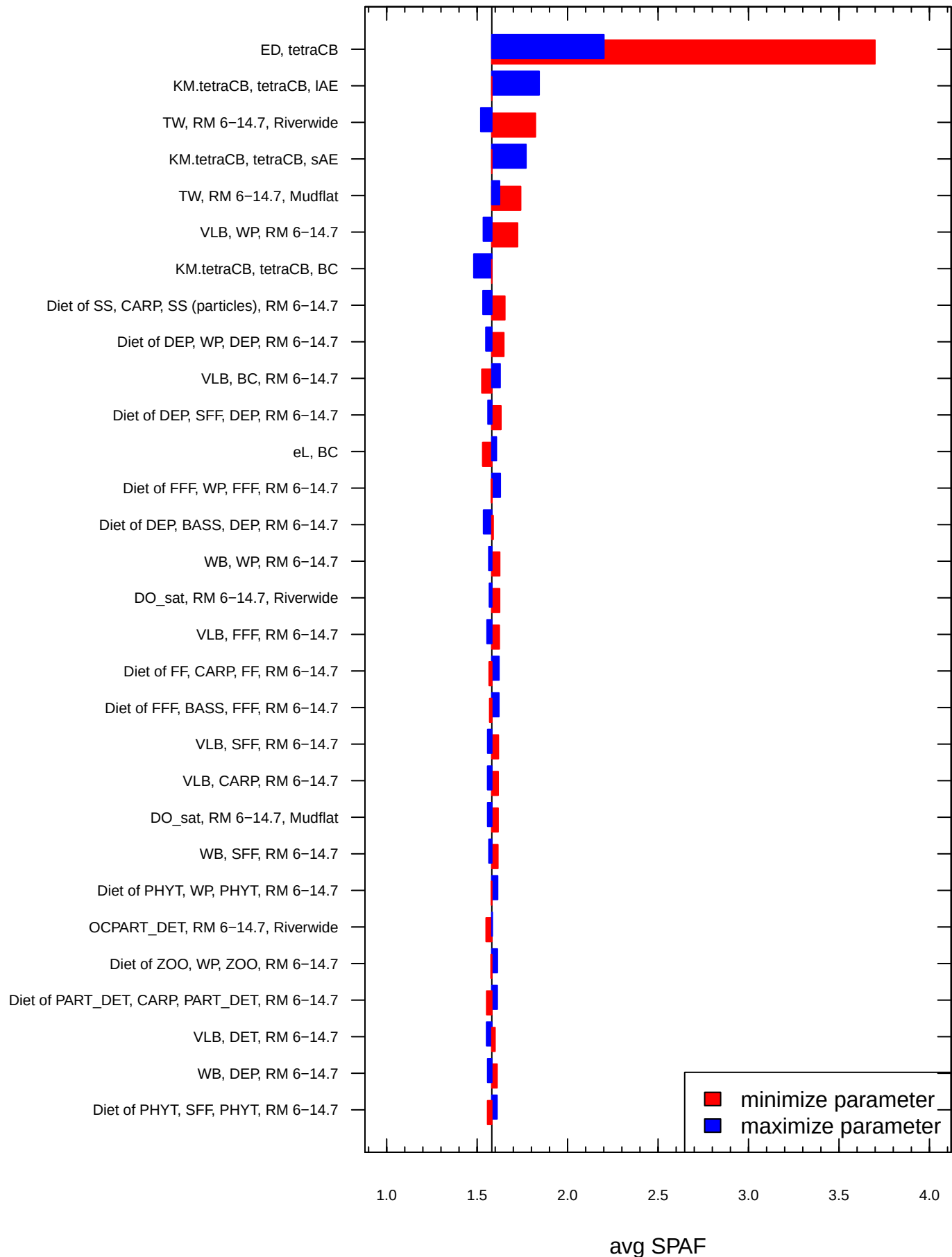


Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, 48 IAE=Large American eel, BASS=Bass

tetraCB, exclude benthic, RM 6–14.7 (top 30)

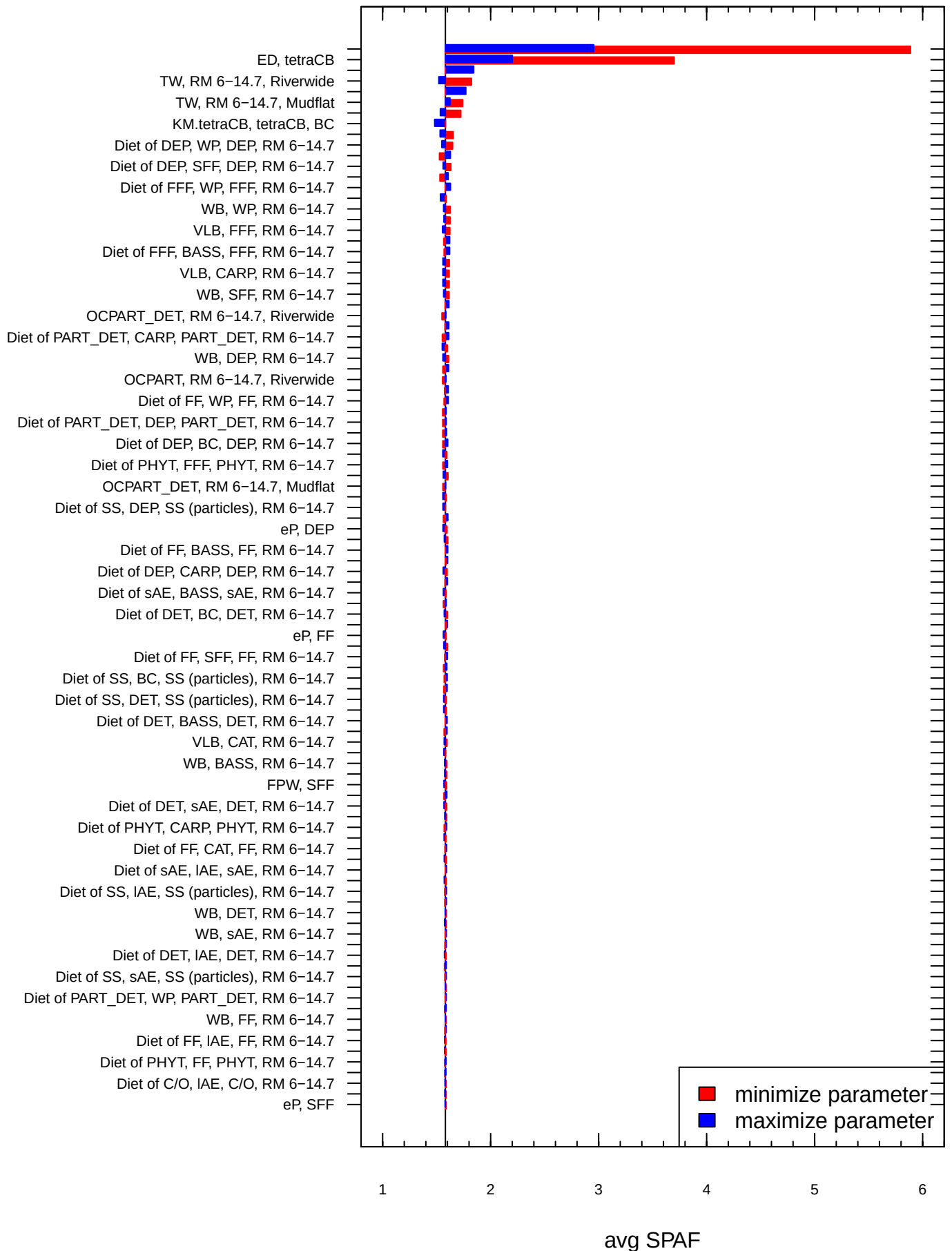


tetraCB, exclude benthic, RM 6–14.7 (top 30 without KOW)

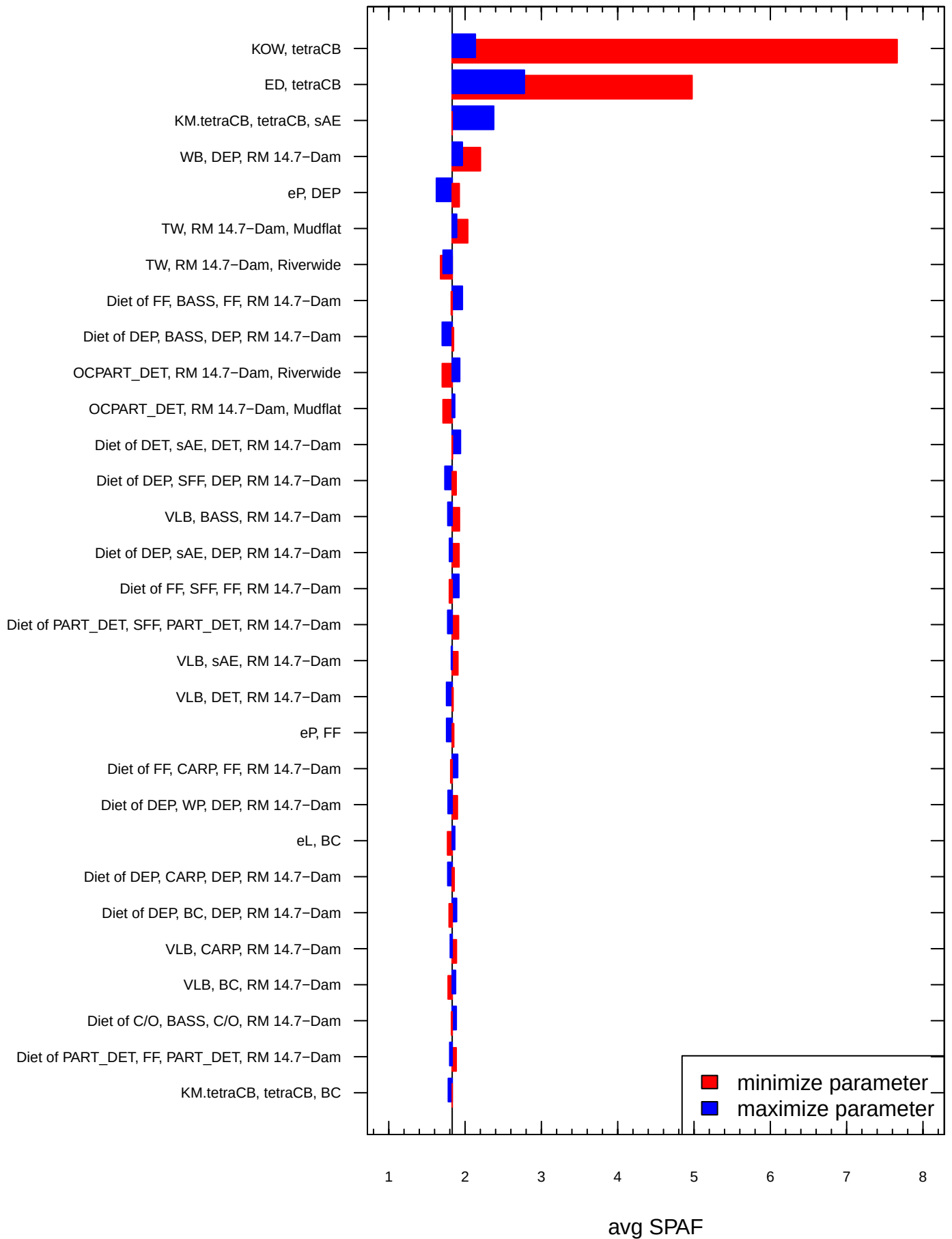


Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

tetraCB, exclude benthic, RM 6–14.7 (top 100)



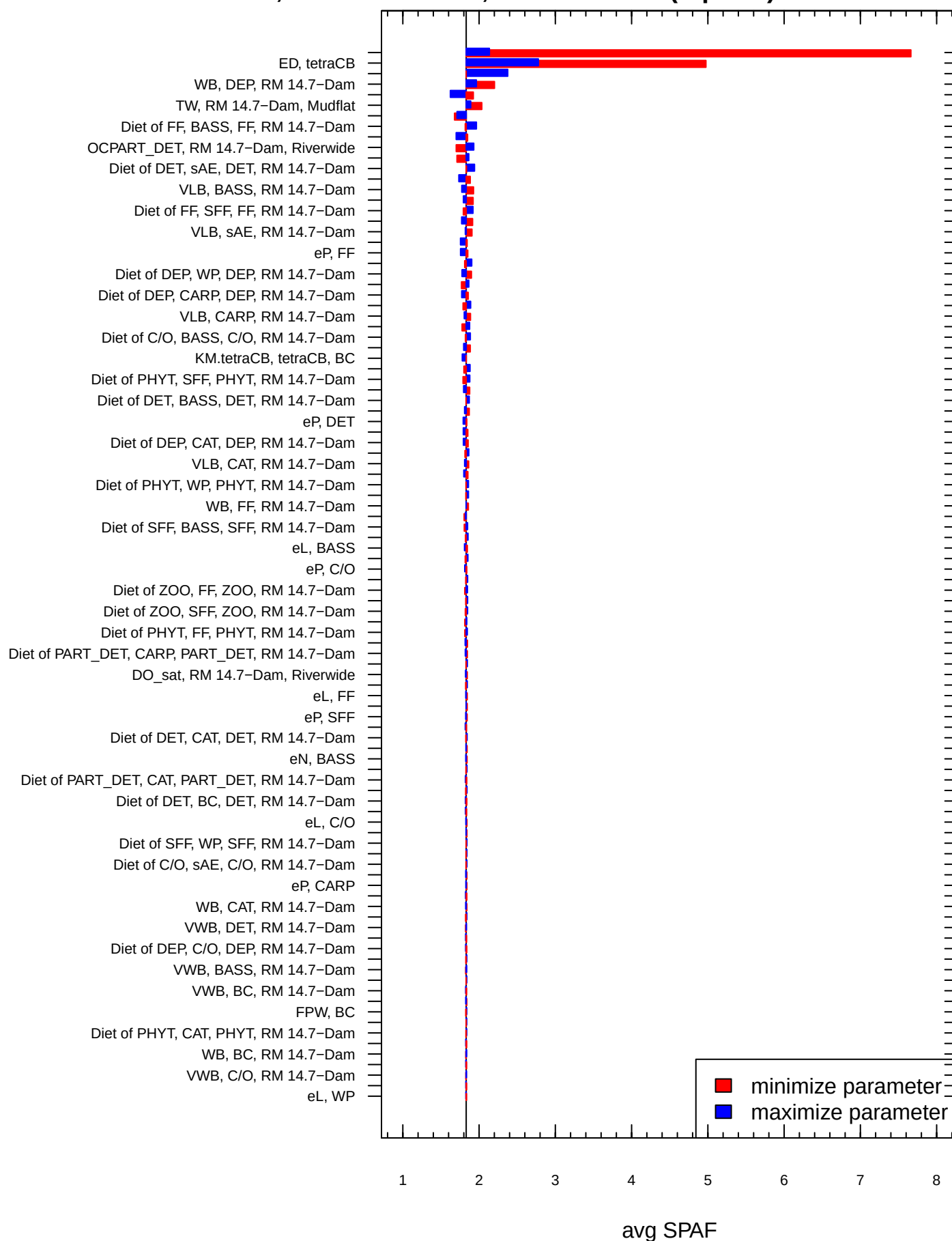
tetraCB, exclude benthic, RM 14.7-Dam (top 30)



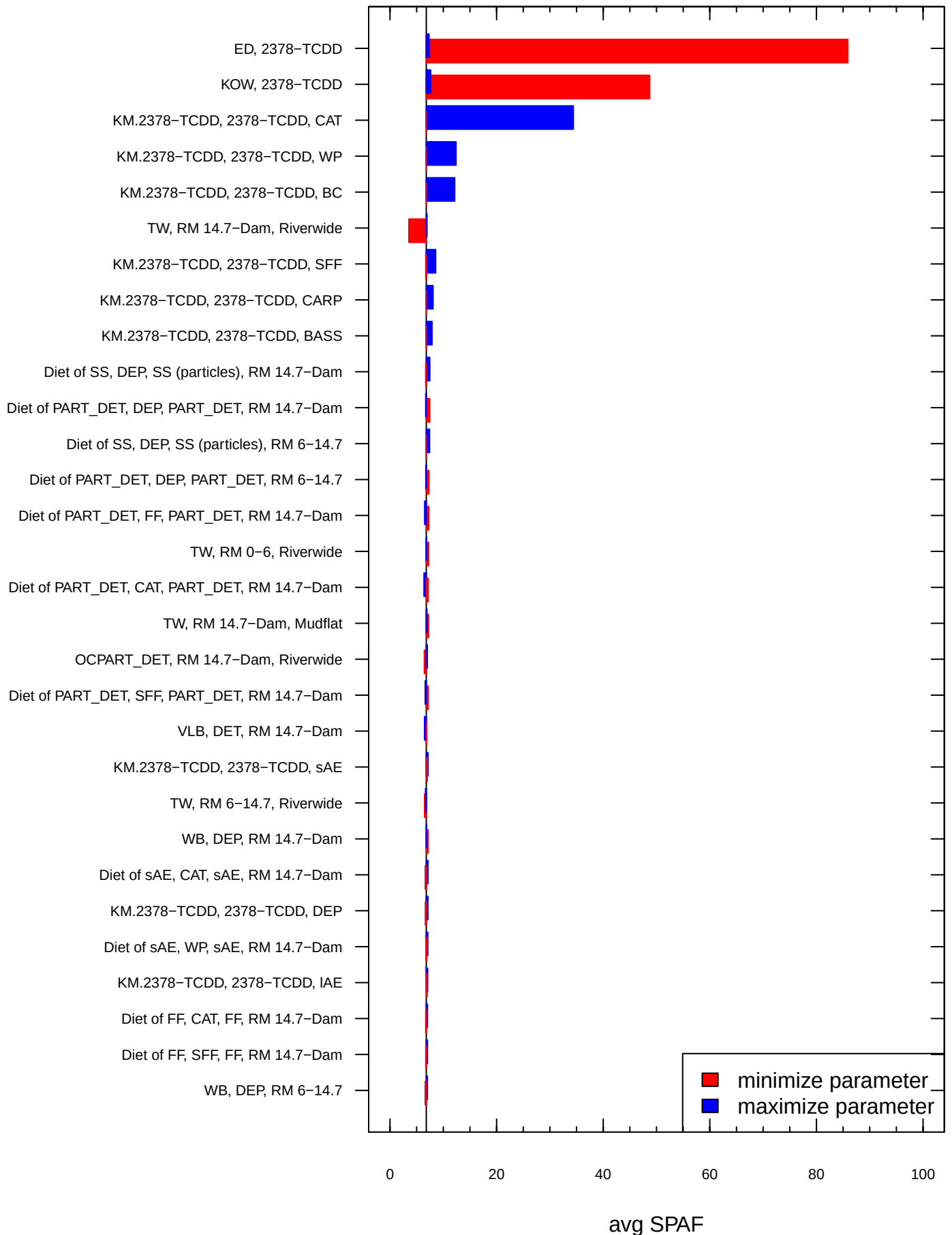
tetraCB, exclude benthic, RM 14.7-Dam (top 30 without KOW)



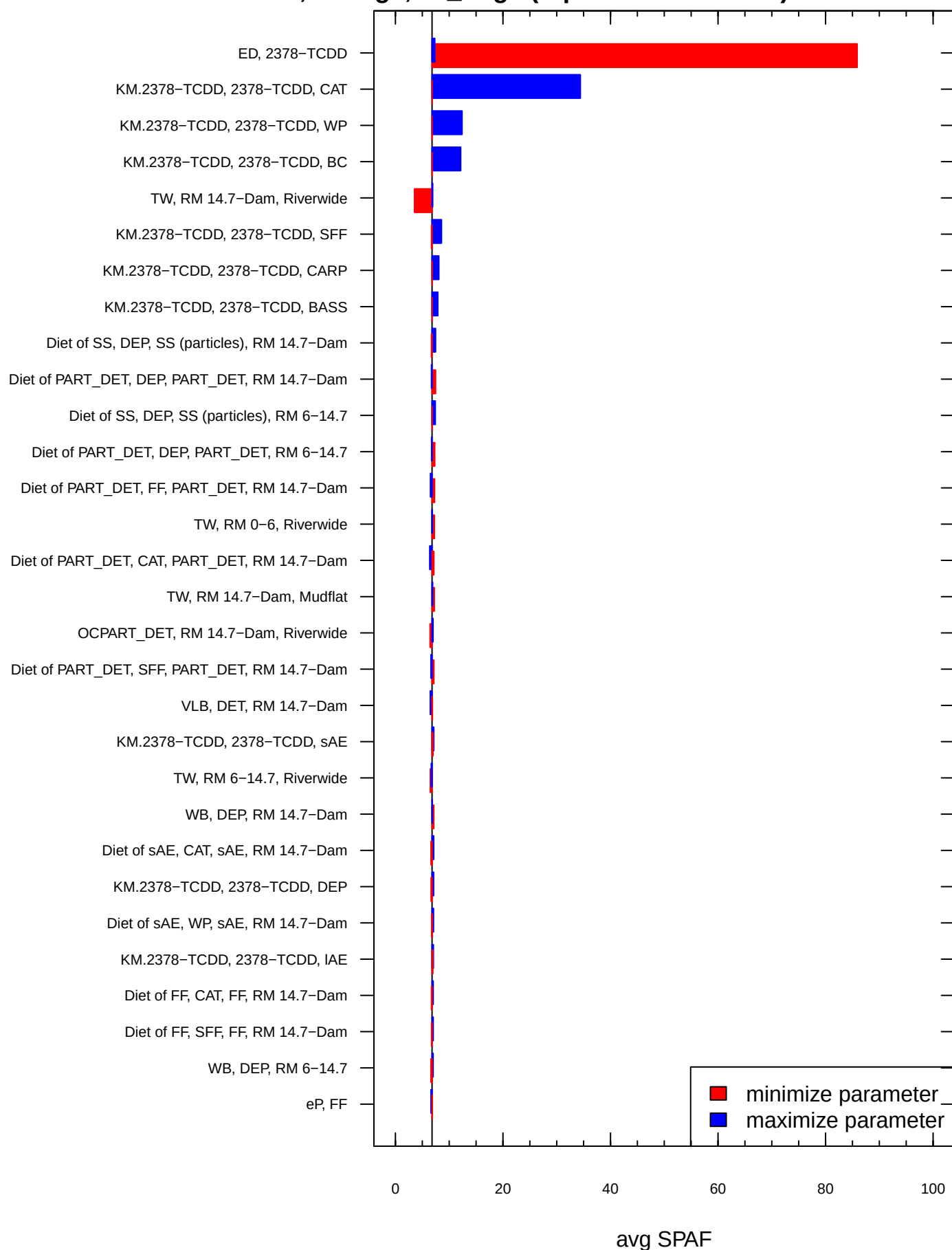
tetraCB, exclude benthic, RM 14.7-Dam (top 100)



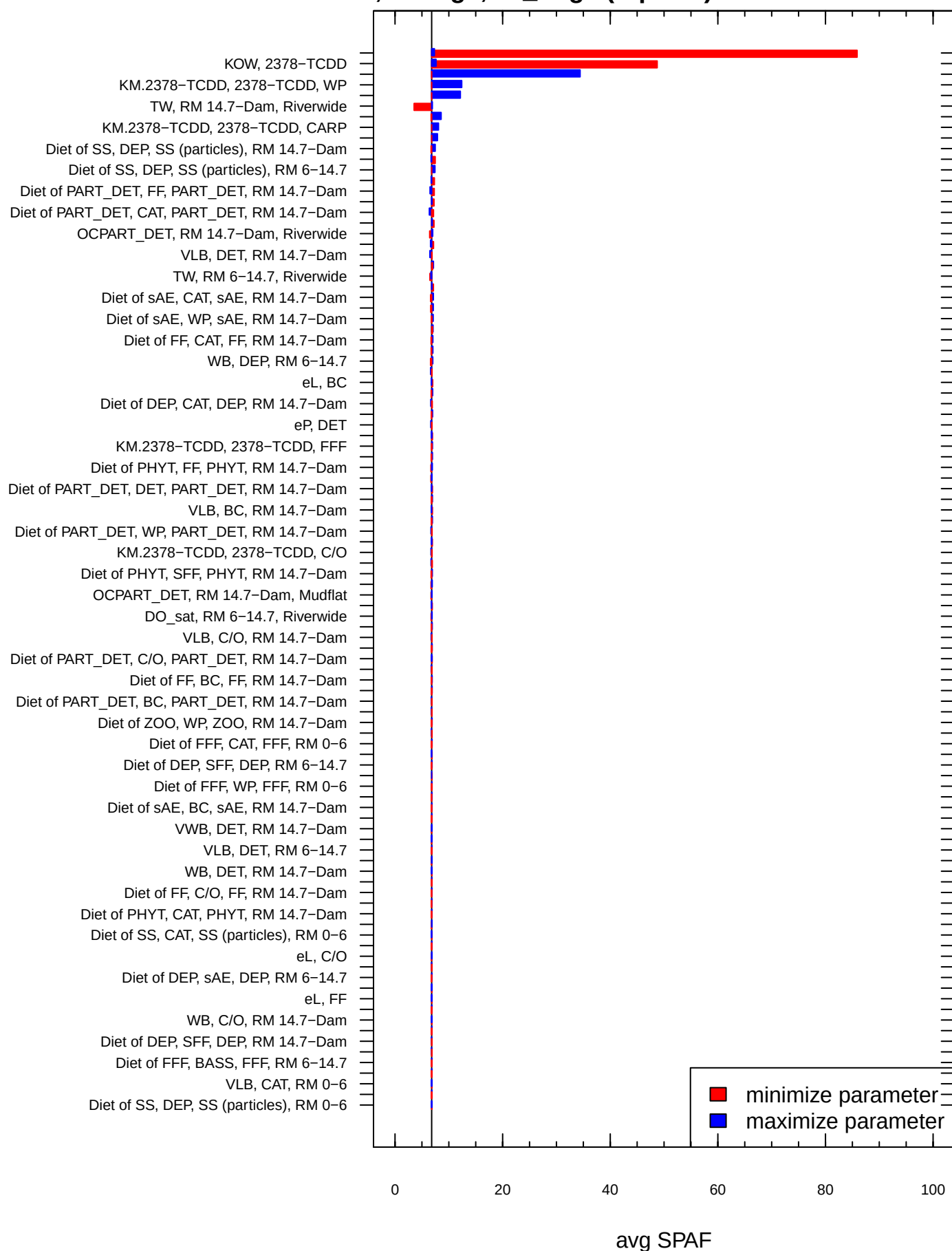
2378-TCDD, all orgs, all_Segs (top 30)



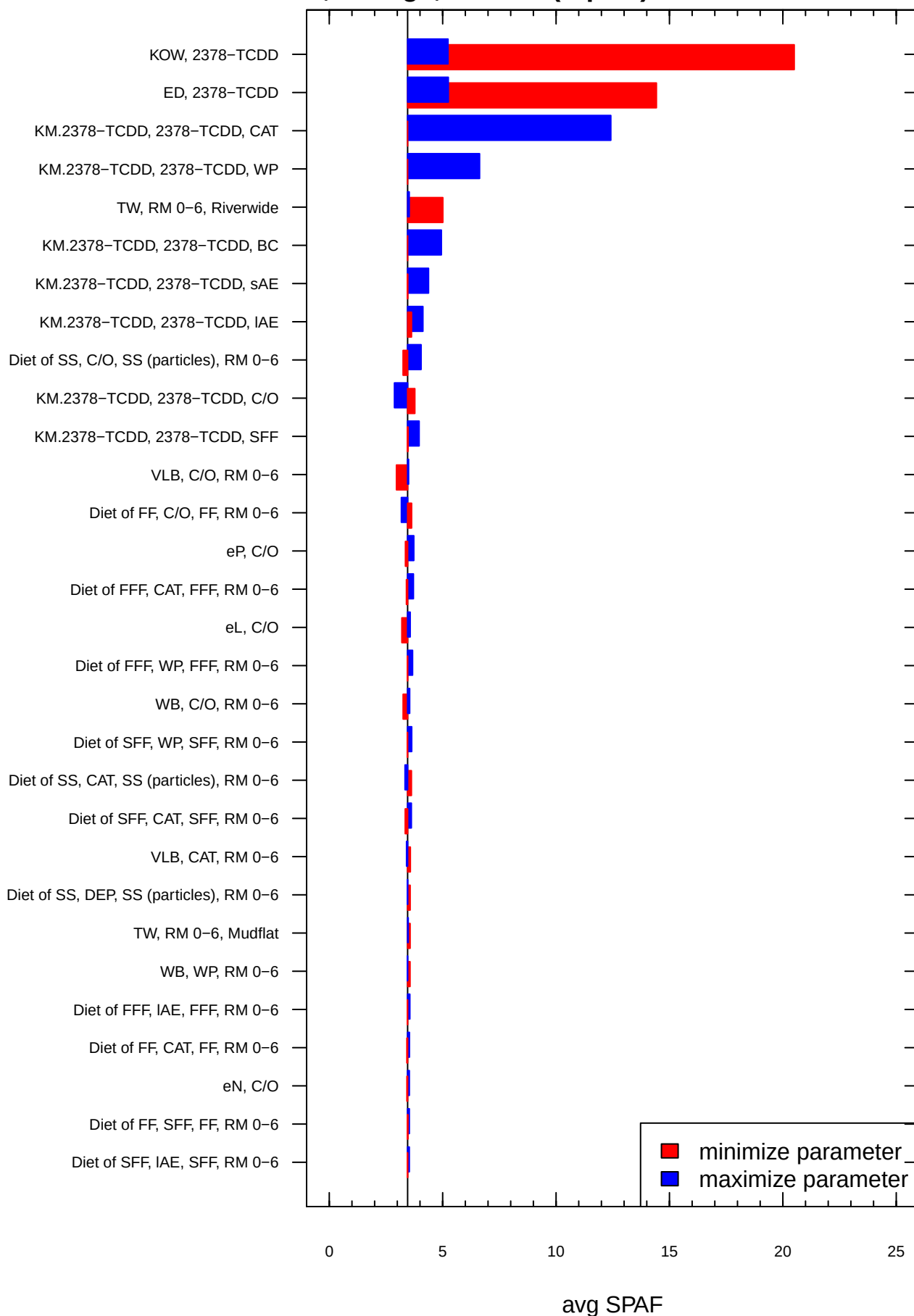
2378-TCDD, all orgs, all_Segs (top 30 without KOW)



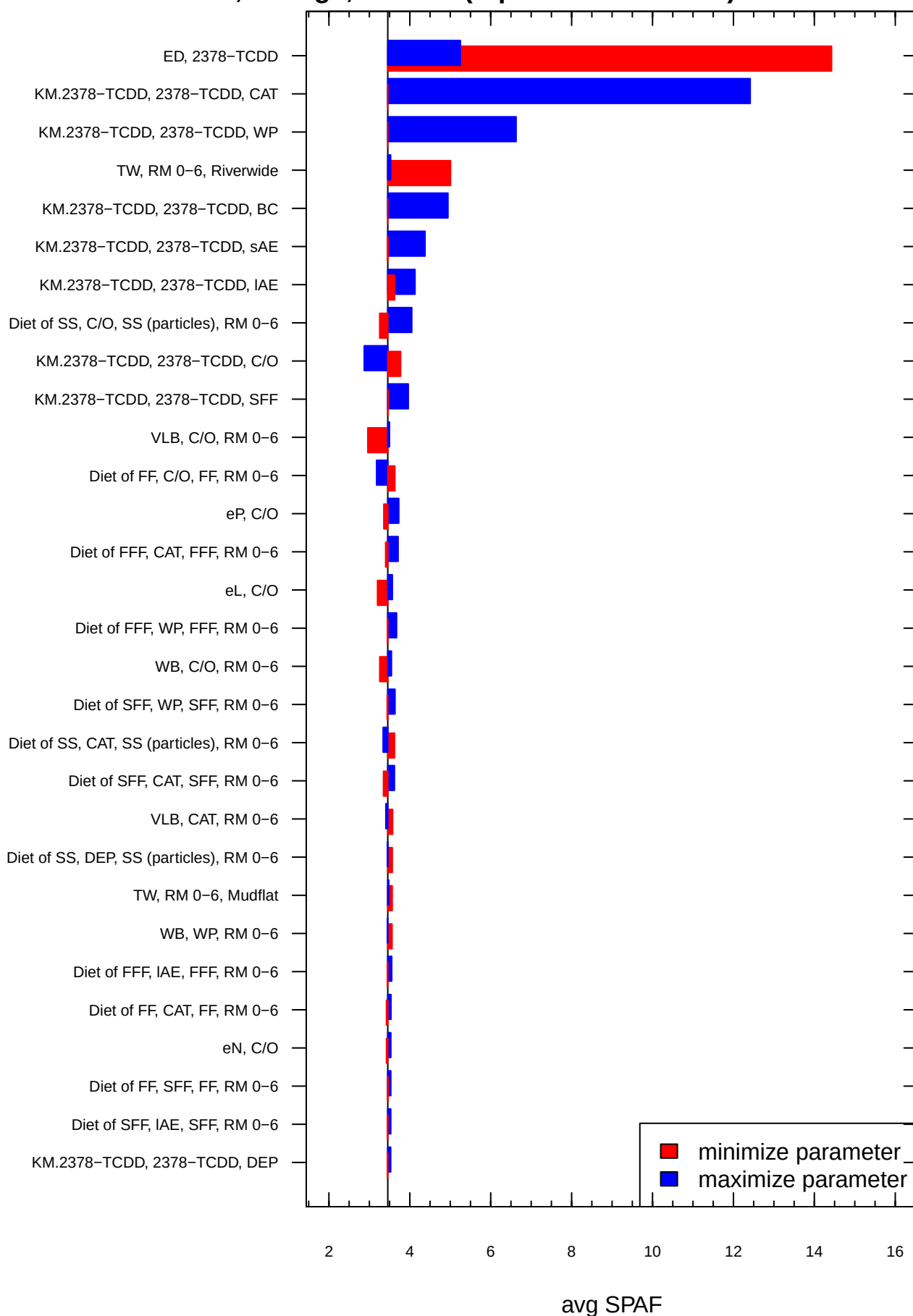
2378-TCDD, all orgs, all_Segs (top 100)



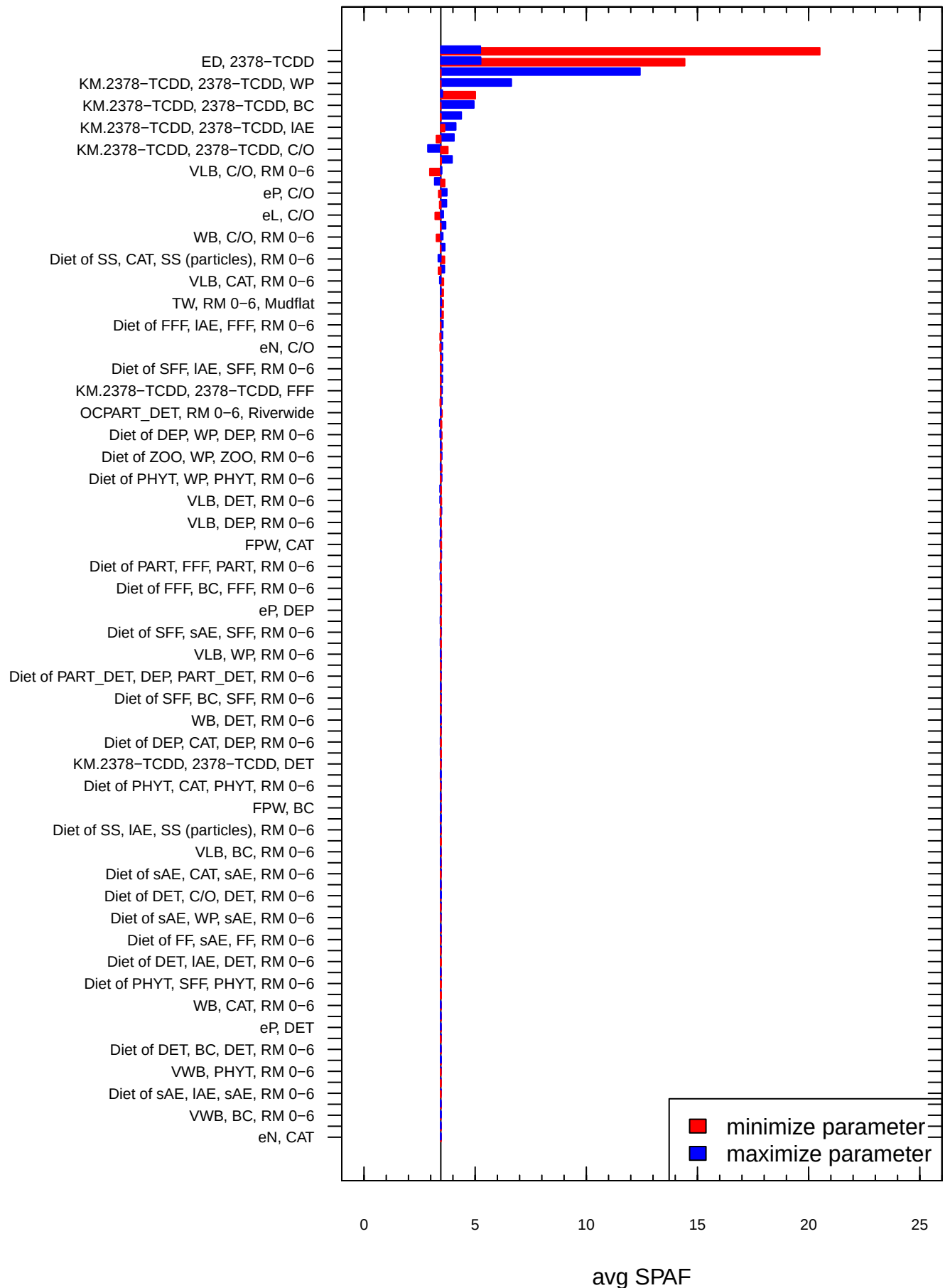
2378-TCDD, all orgs, RM 0-6 (top 30)



2378-TCDD, all orgs, RM 0-6 (top 30 without KOW)

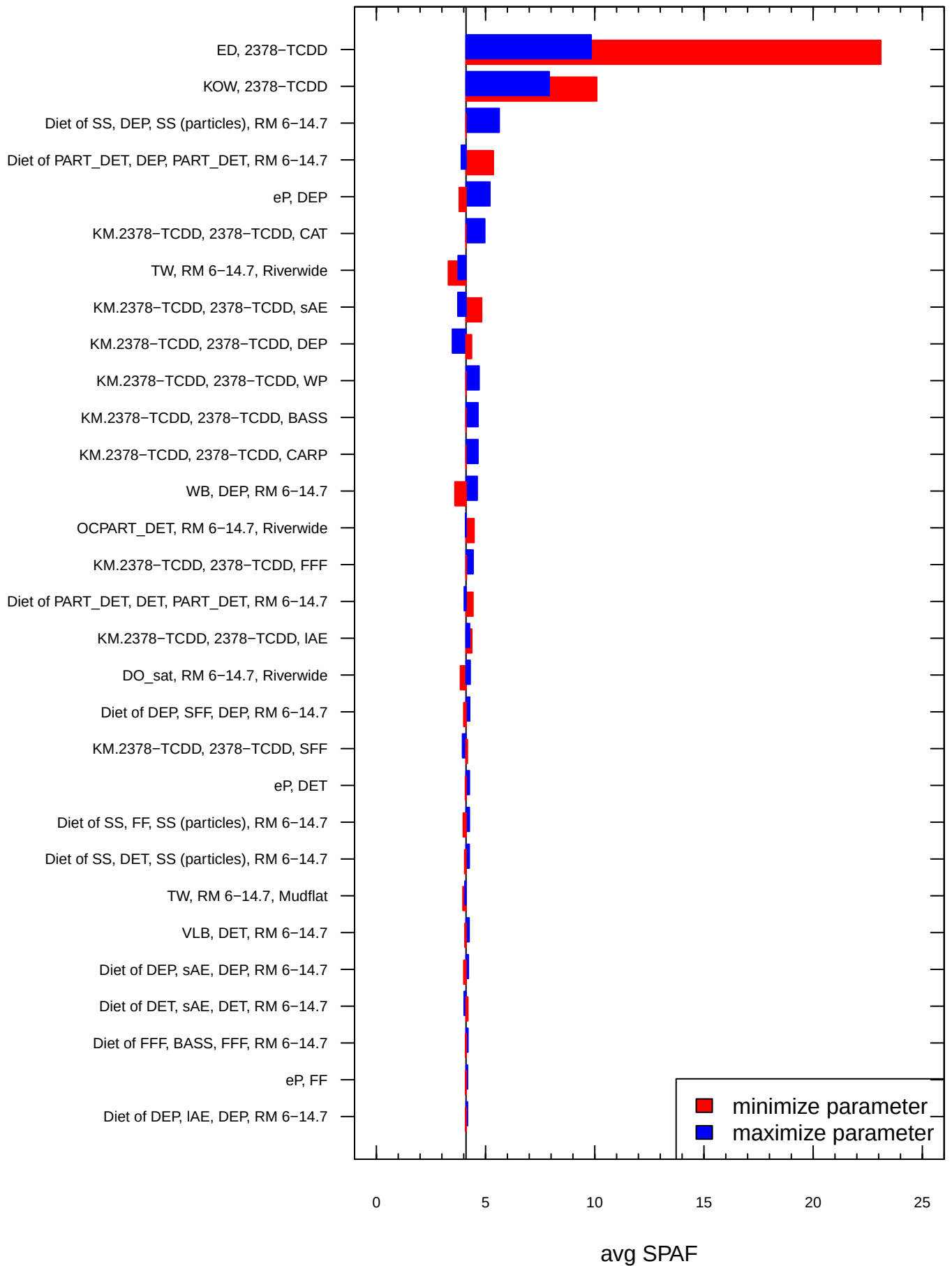


2378-TCDD, all orgs, RM 0-6 (top 100)

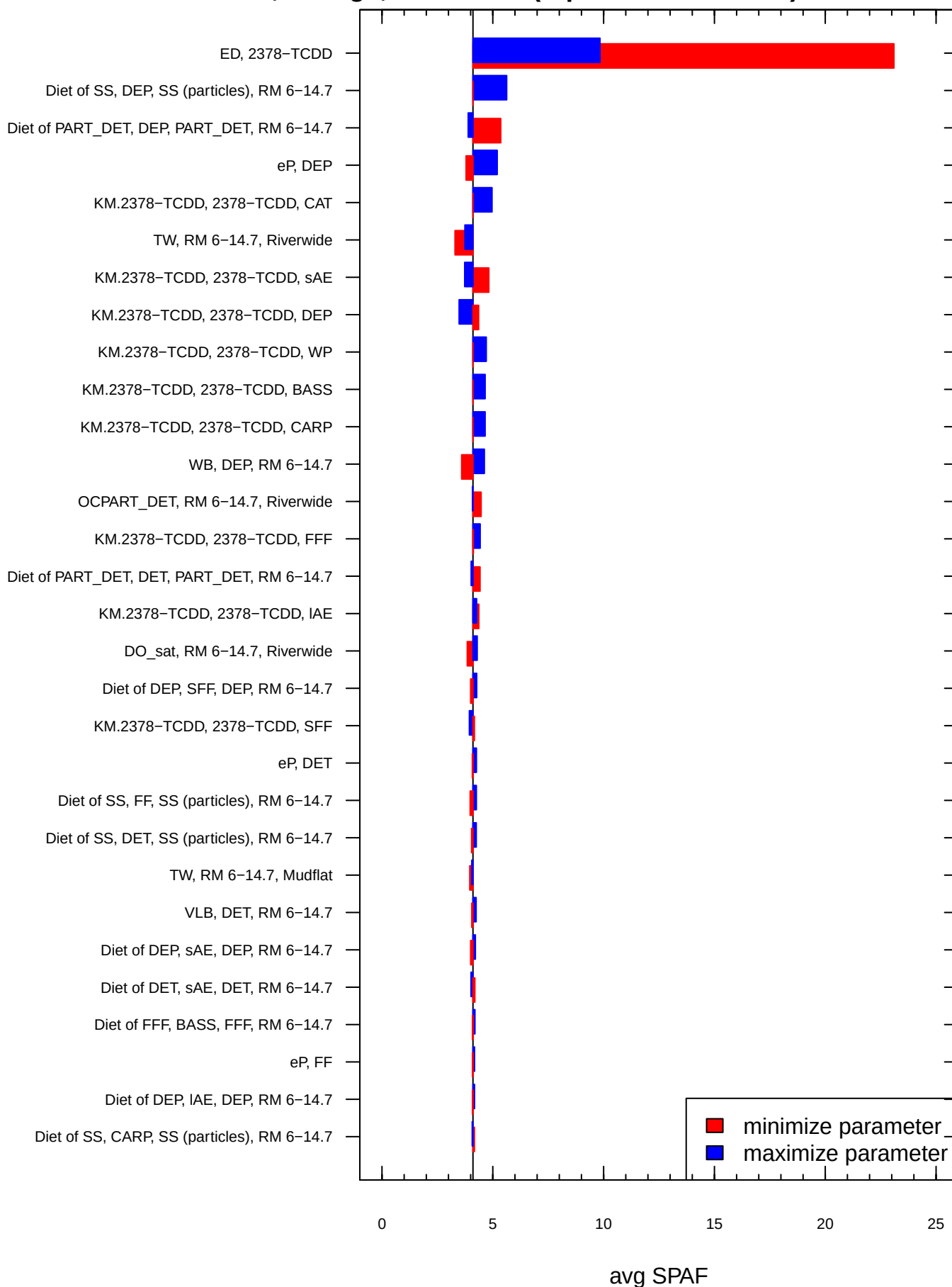


Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, 60 IAE=Large American eel, BASS=Bass

2378-TCDD, all orgs, RM 6-14.7 (top 30)

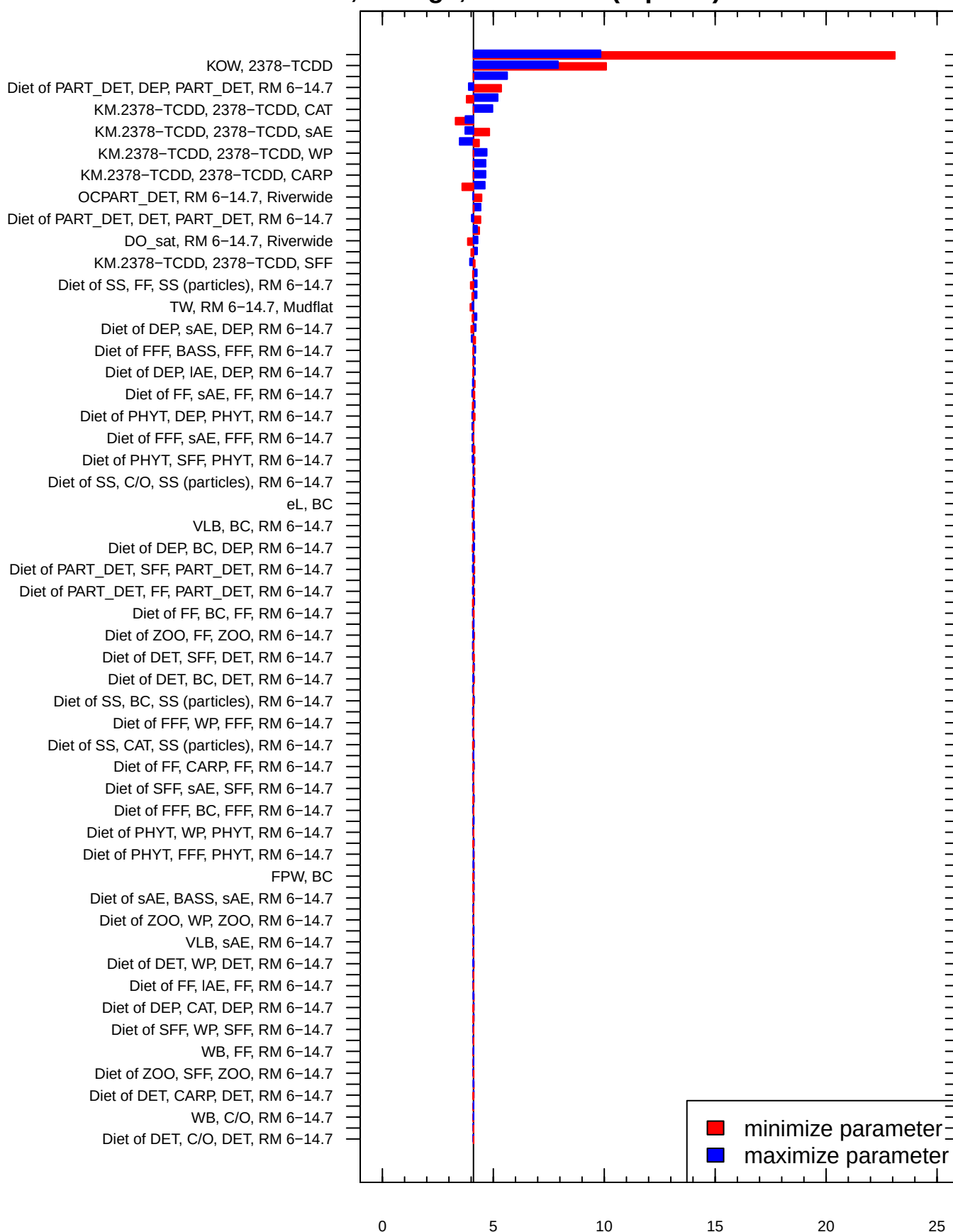


2378-TCDD, all orgs, RM 6-14.7 (top 30 without KOW)



Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

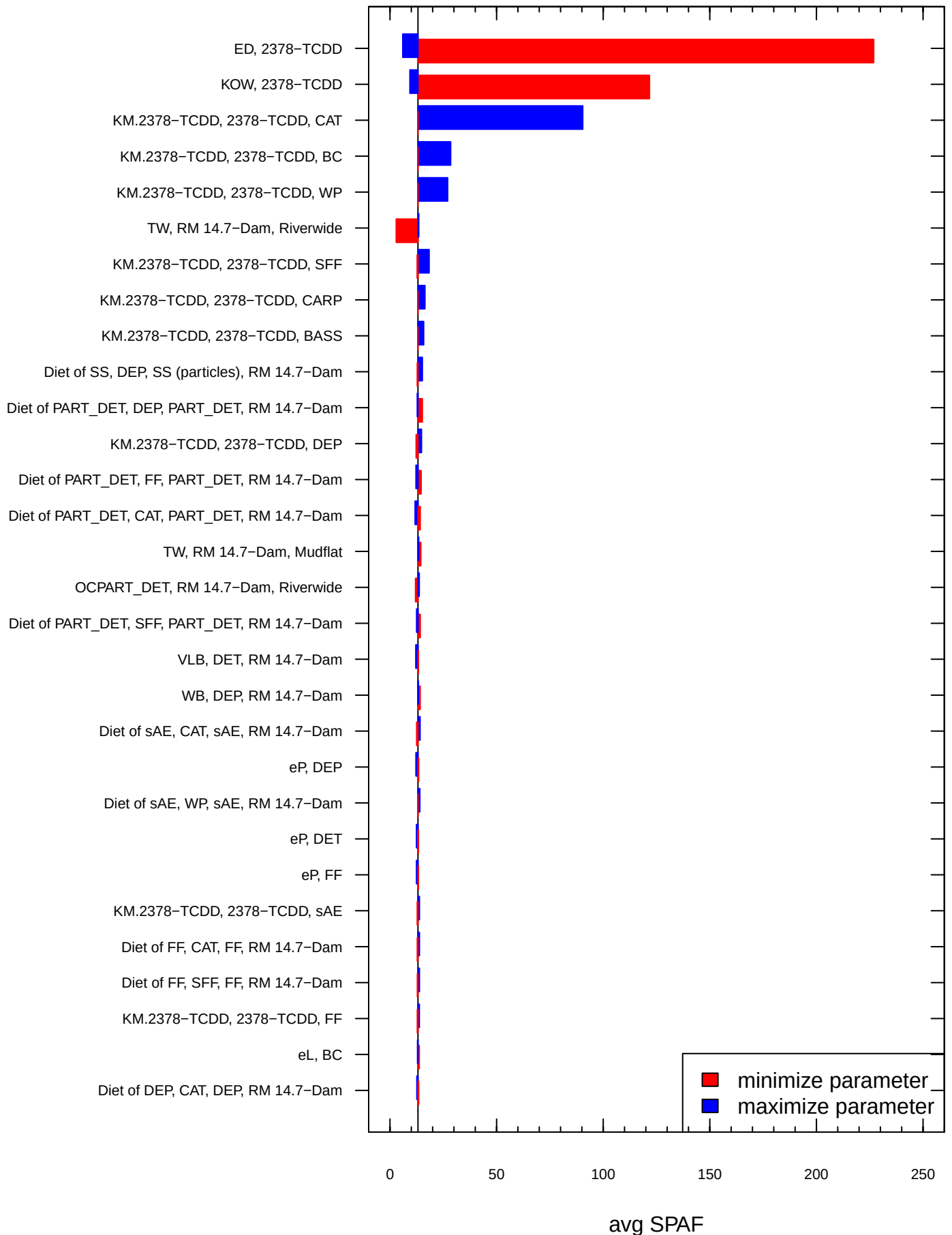
2378-TCDD, all orgs, RM 6-14.7 (top 100)



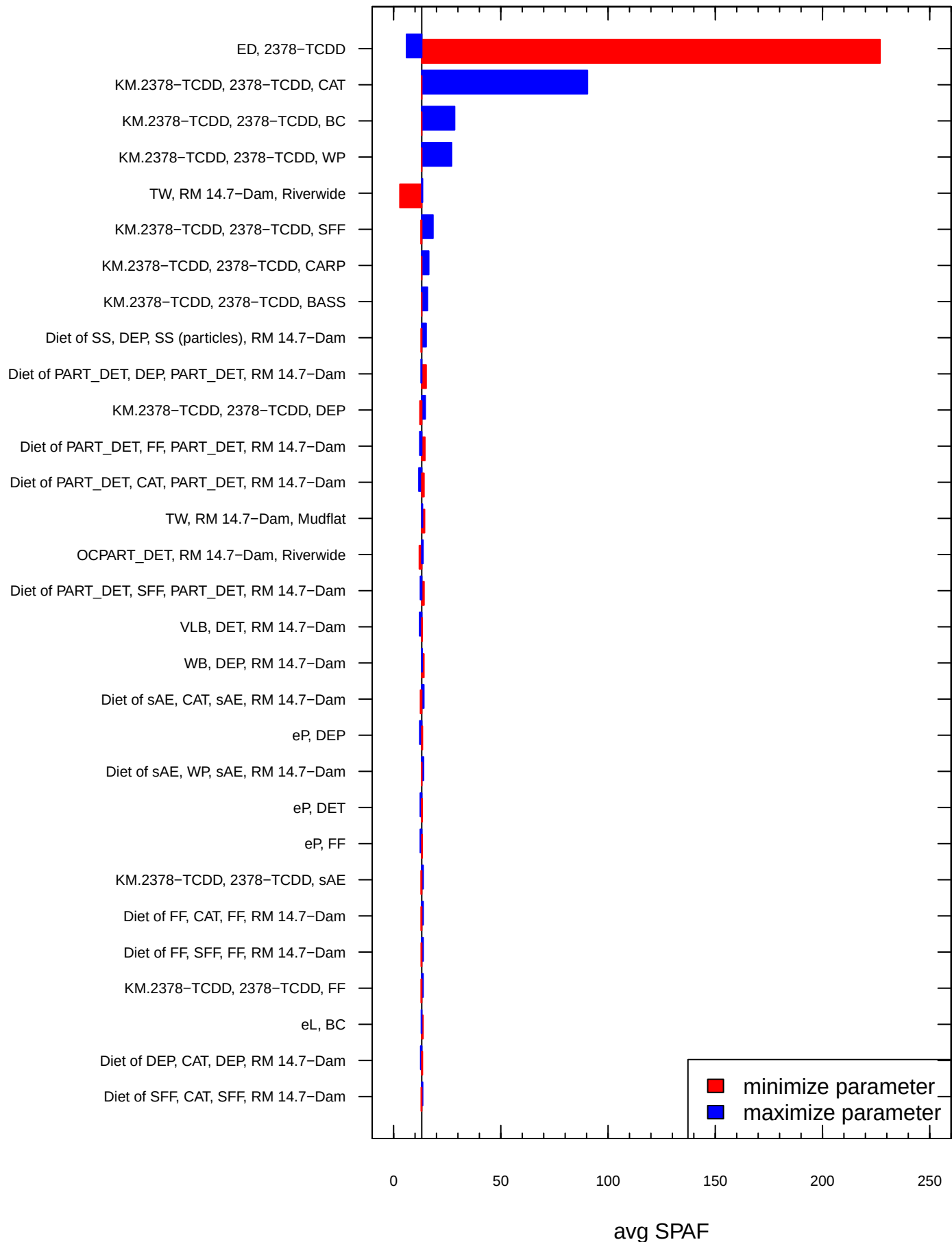
avg SPAF

Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

2378-TCDD, all orgs, RM 14.7-Dam (top 30)

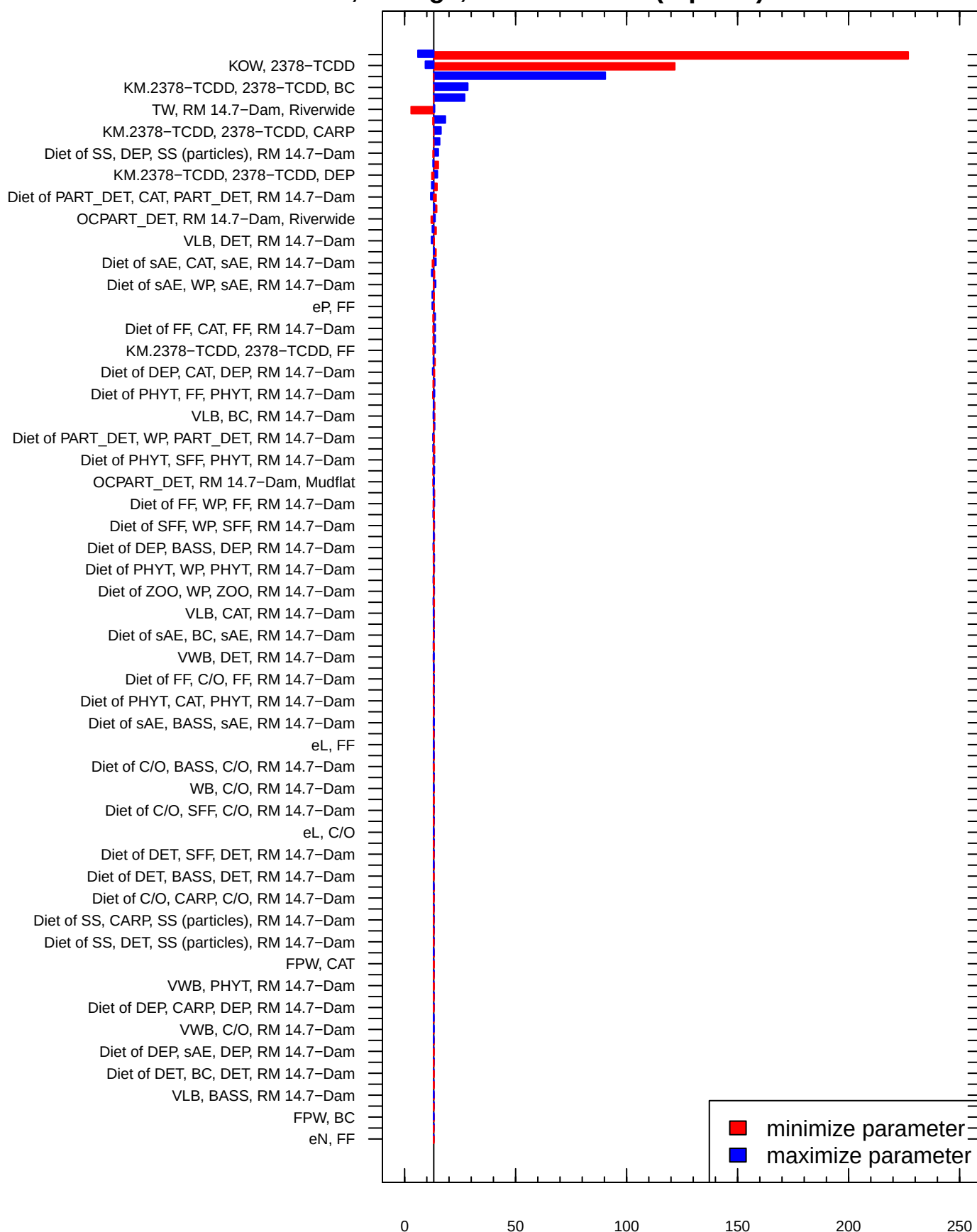


2378-TCDD, all orgs, RM 14.7-Dam (top 30 without KOW)



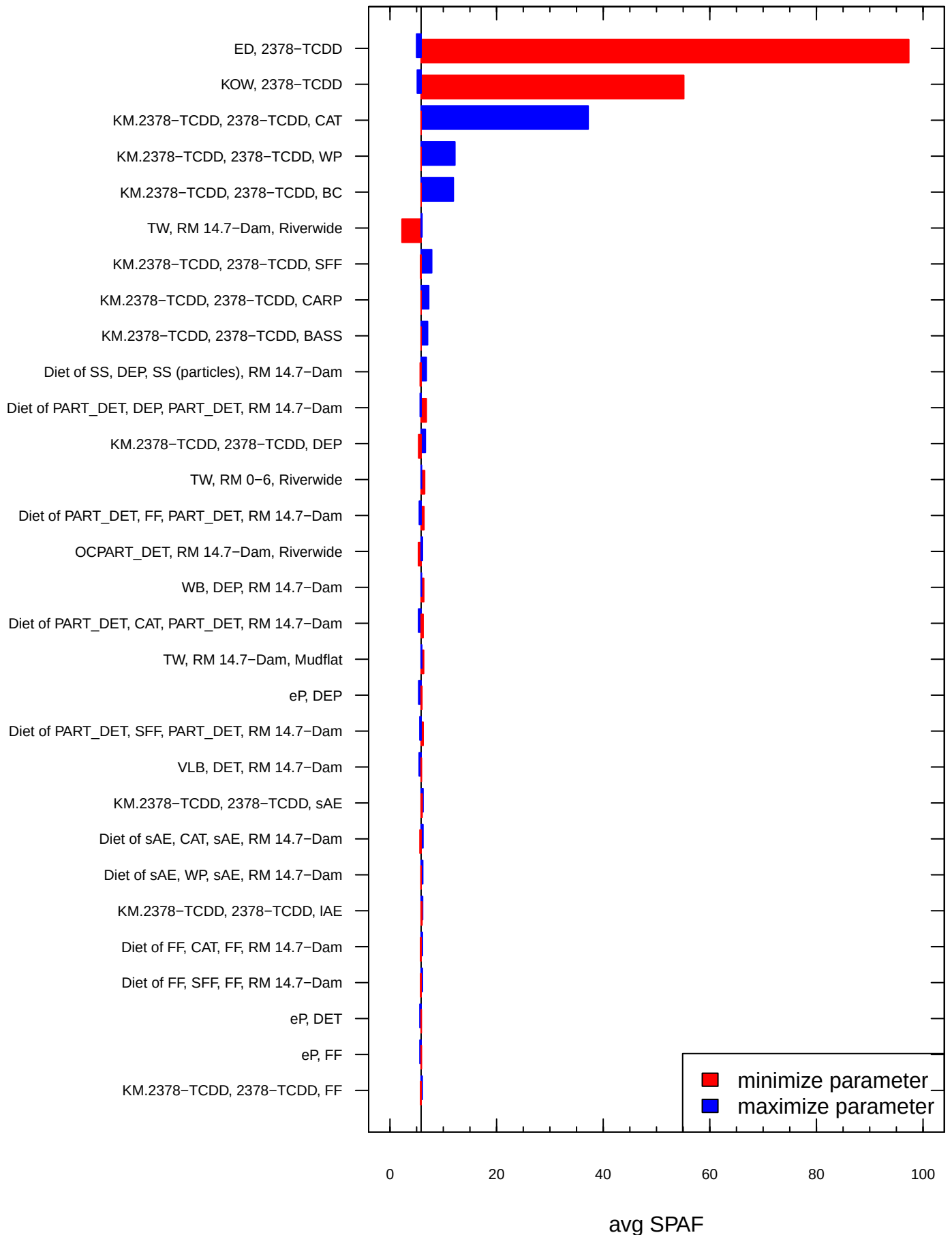
Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

2378-TCDD, all orgs, RM 14.7-Dam (top 100)



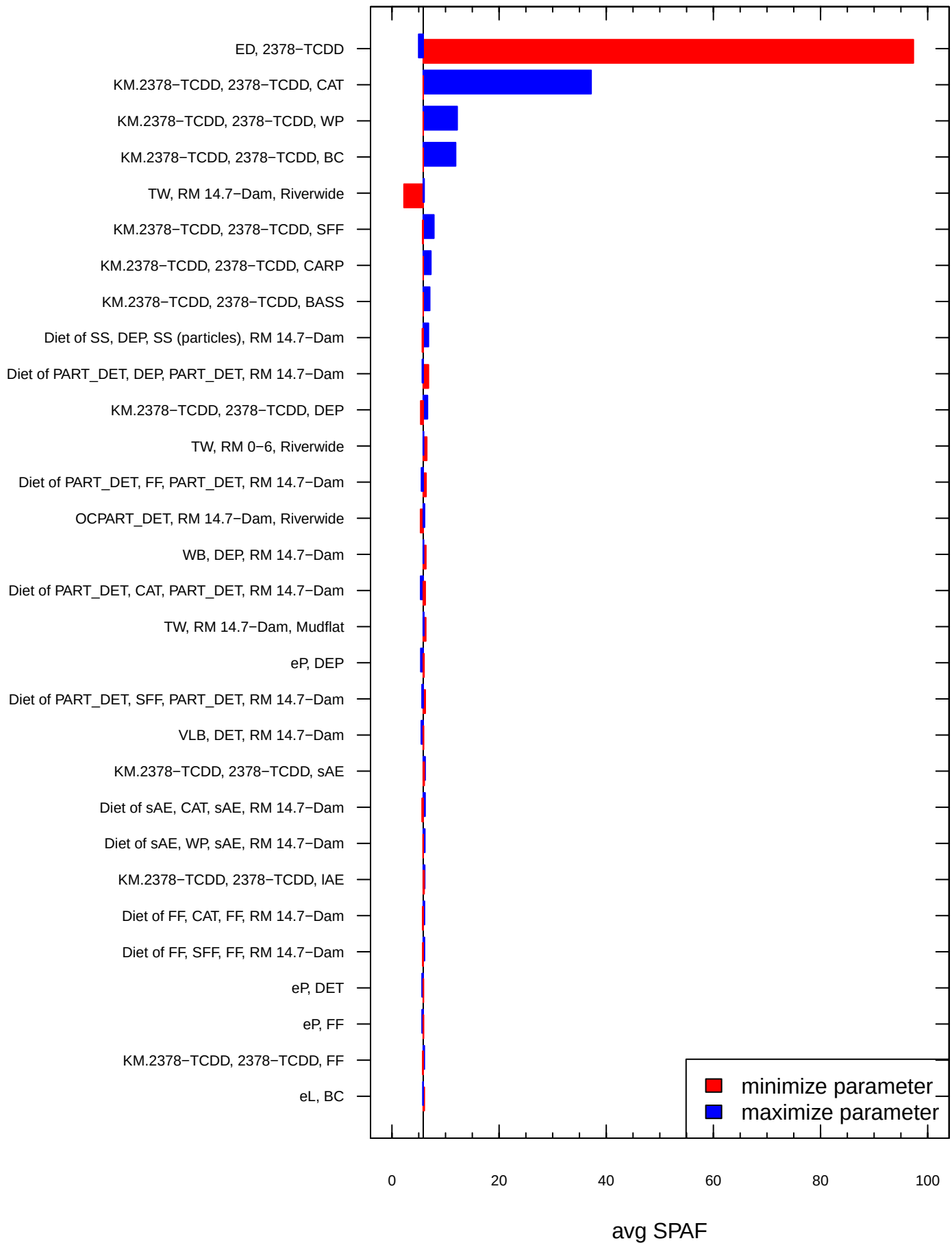
avg SPAF

2378-TCDD, exclude benthic, all_Segs (top 30)



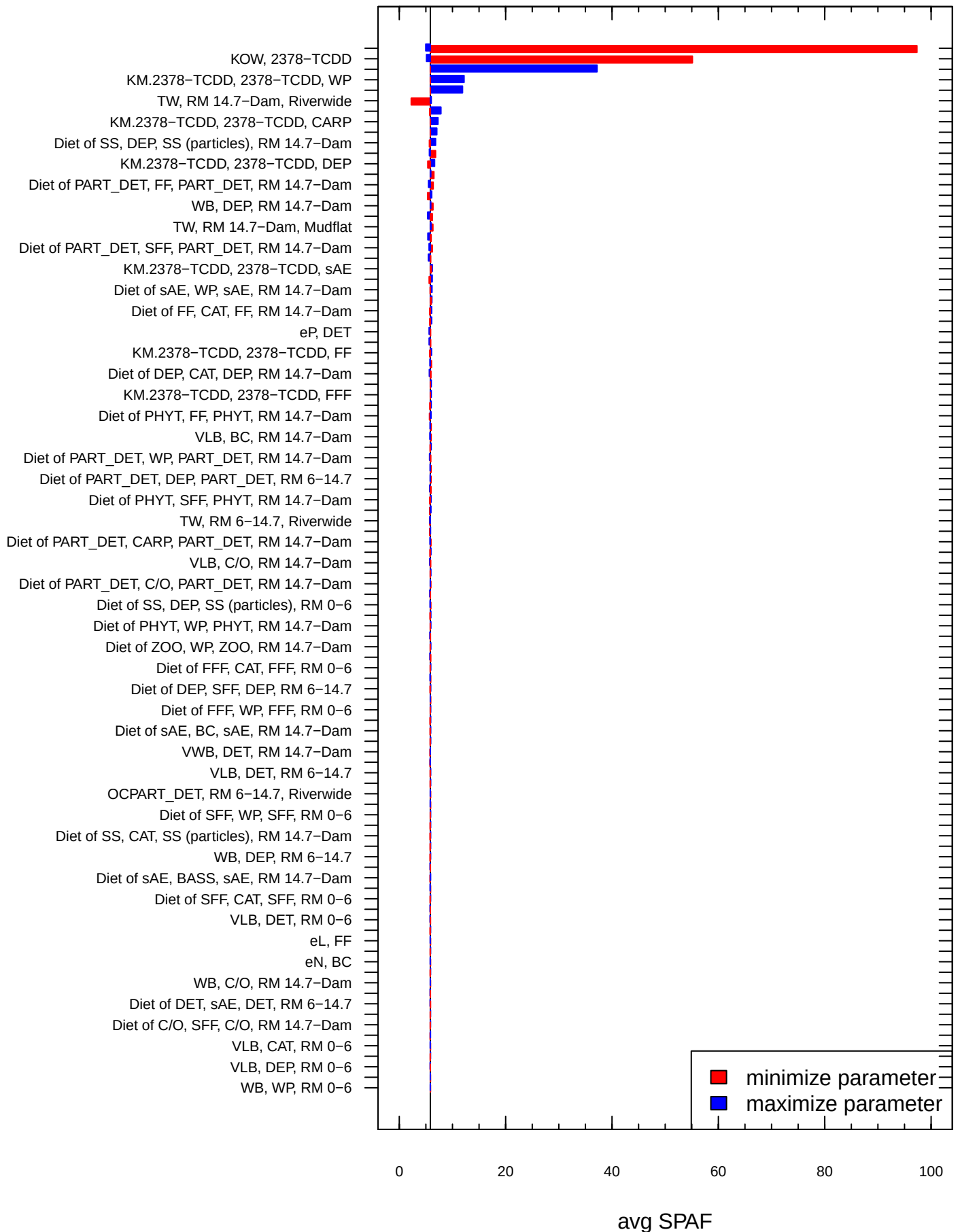
Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

2378-TCDD, exclude benthic, all_Segs (top 30 without KOW)

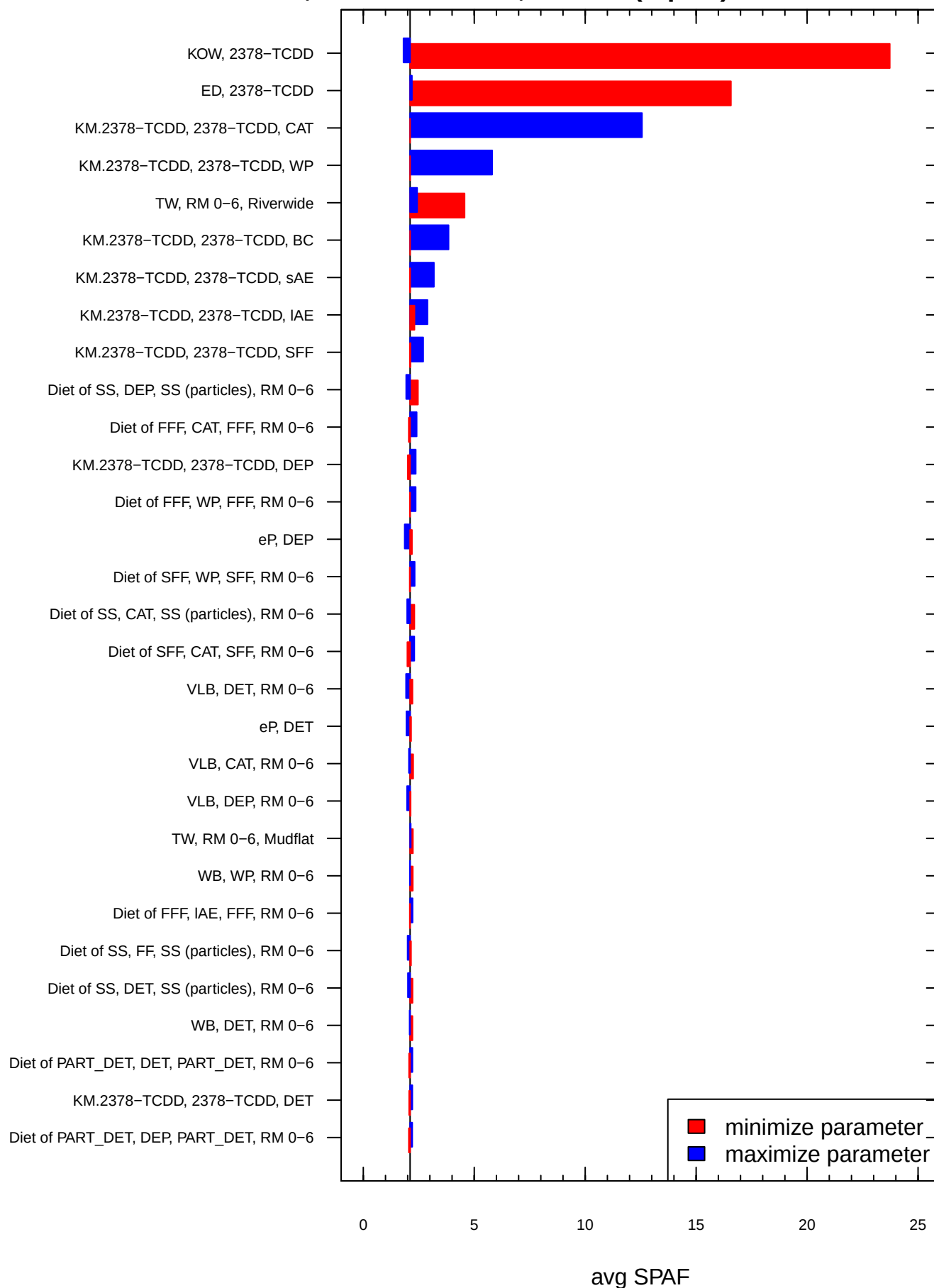


Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

2378-TCDD, exclude benthic, all_Segs (top 100)

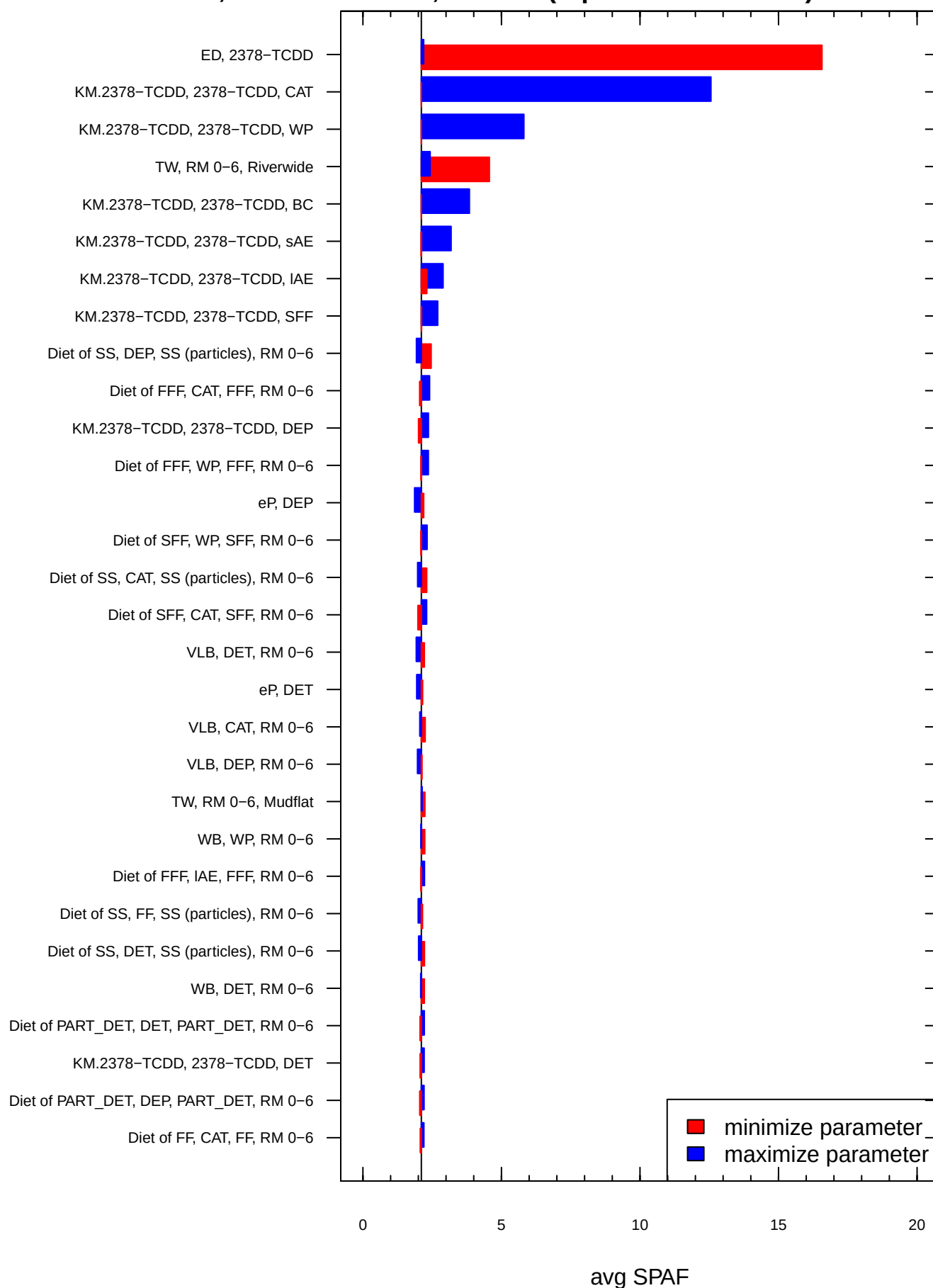


2378-TCDD, exclude benthic, RM 0-6 (top 30)

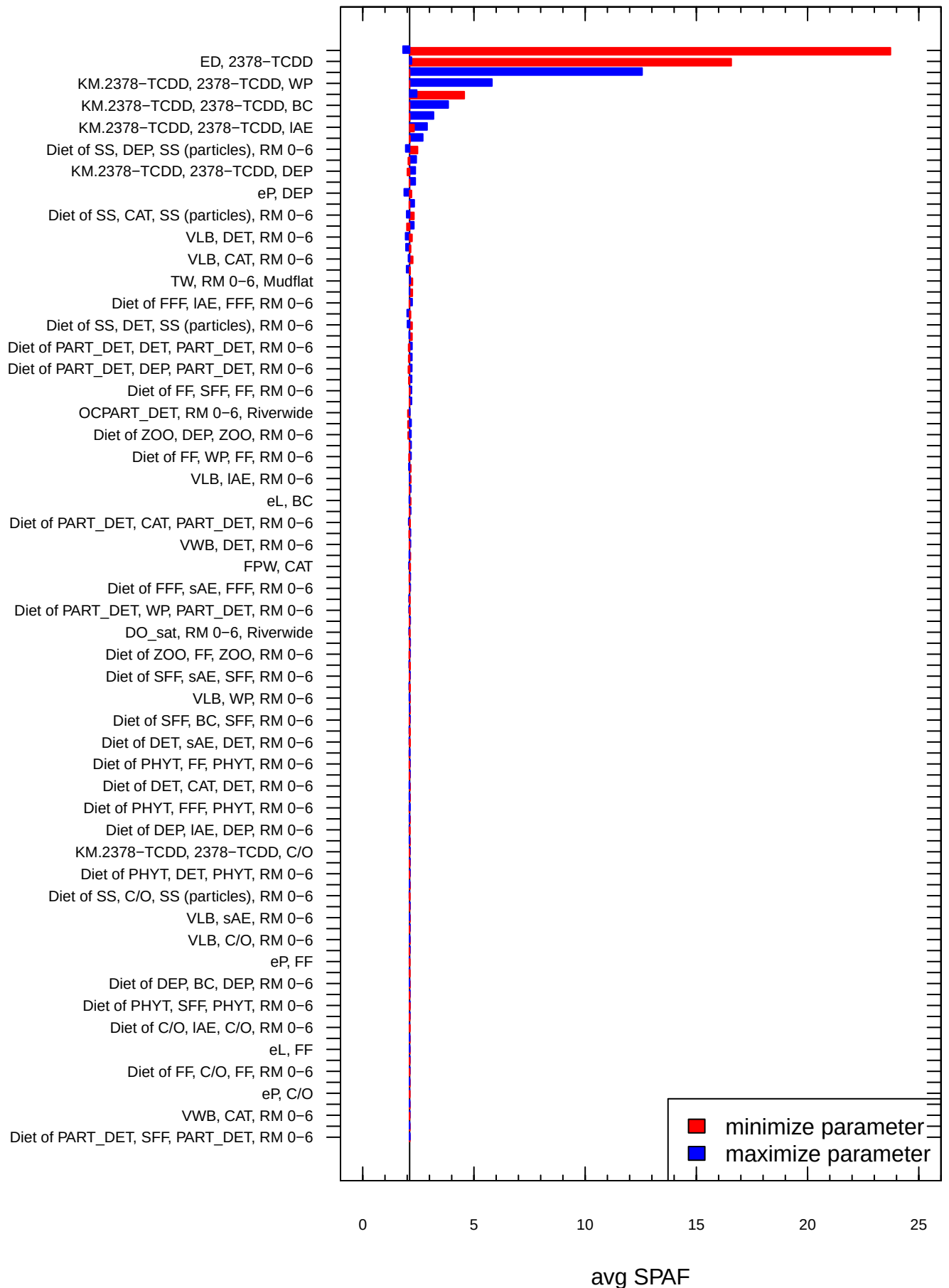


Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

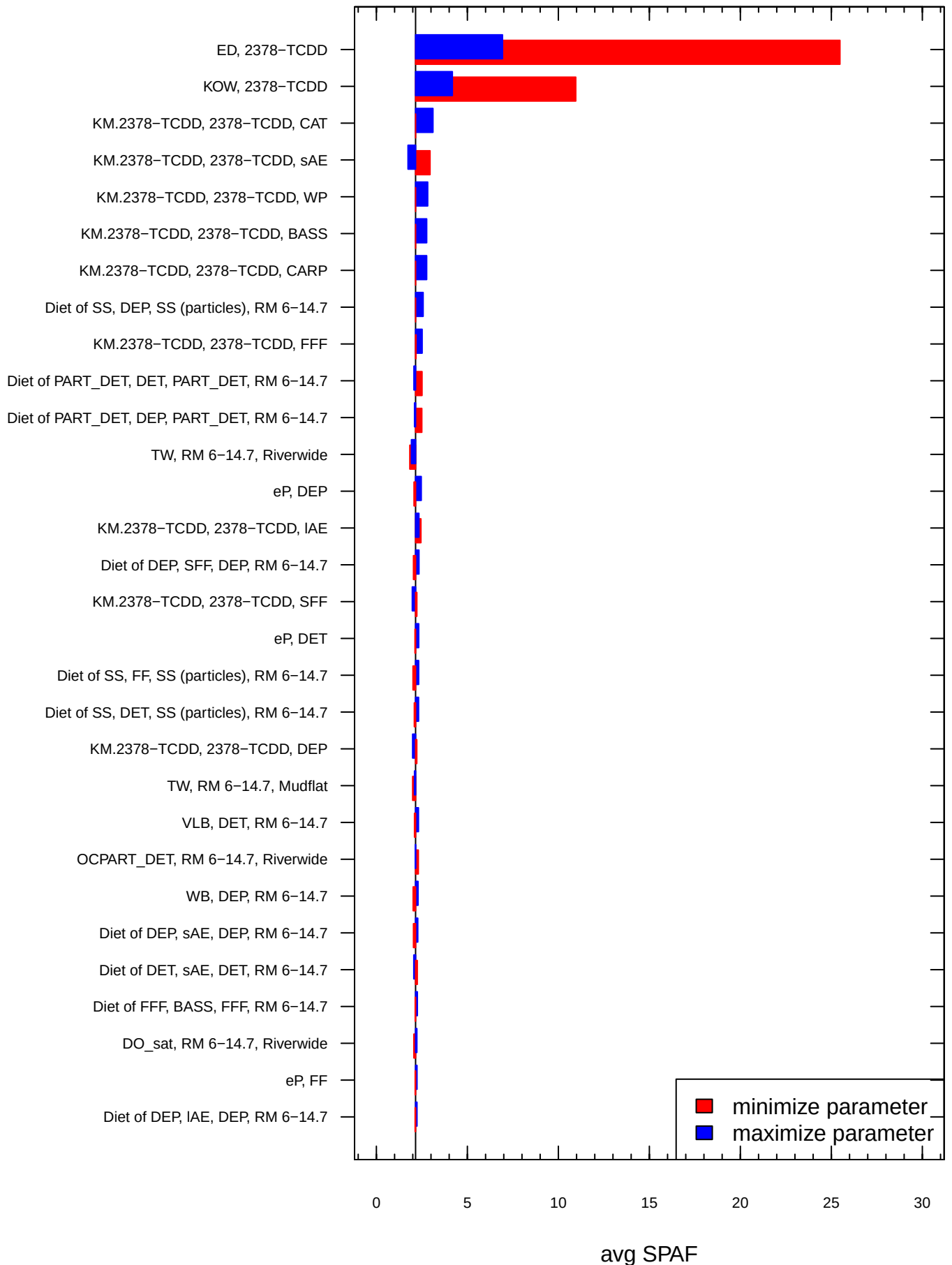
2378-TCDD, exclude benthic, RM 0-6 (top 30 without KOW)



2378-TCDD, exclude benthic, RM 0-6 (top 100)

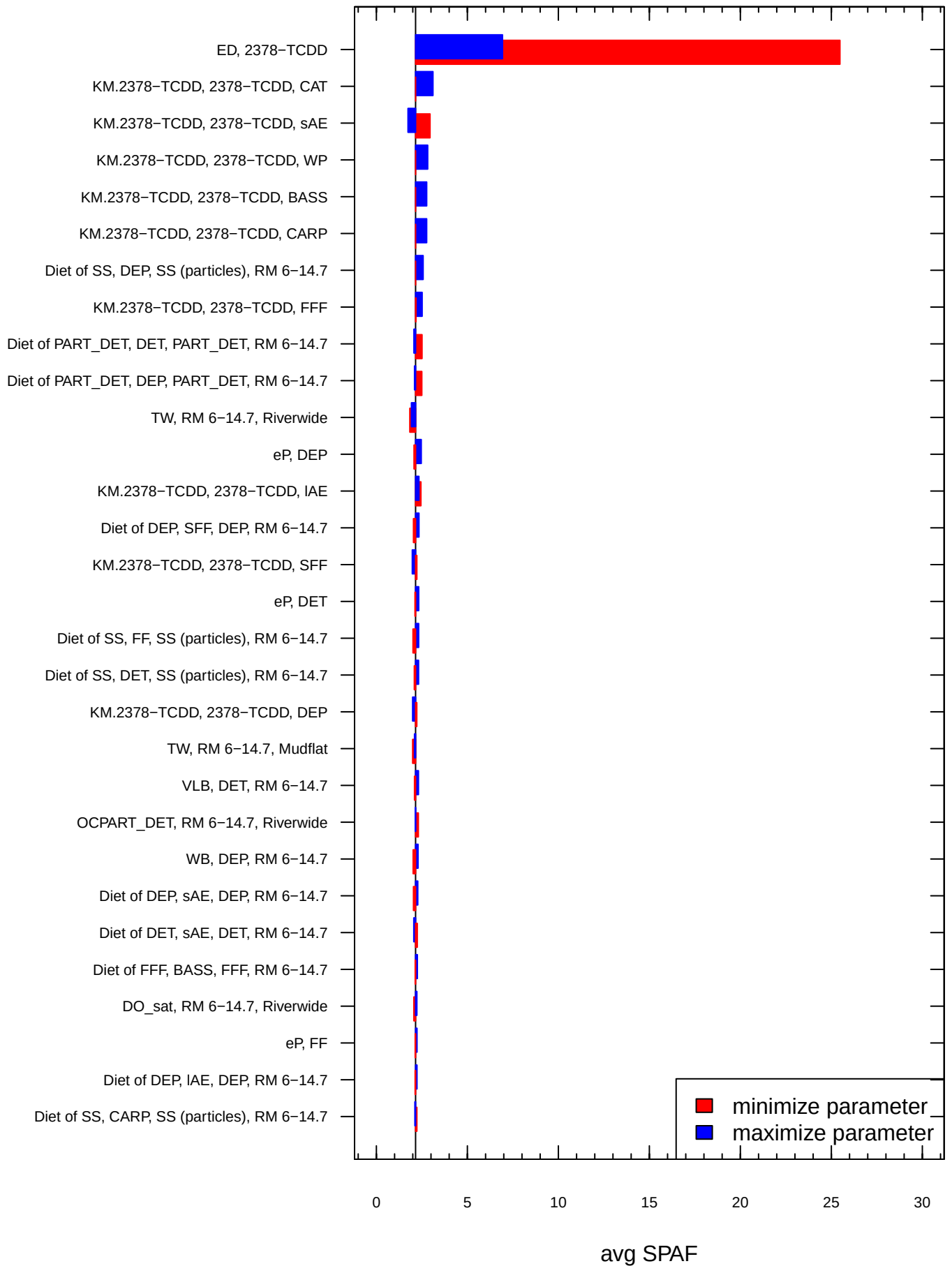


2378-TCDD, exclude benthic, RM 6-14.7 (top 30)



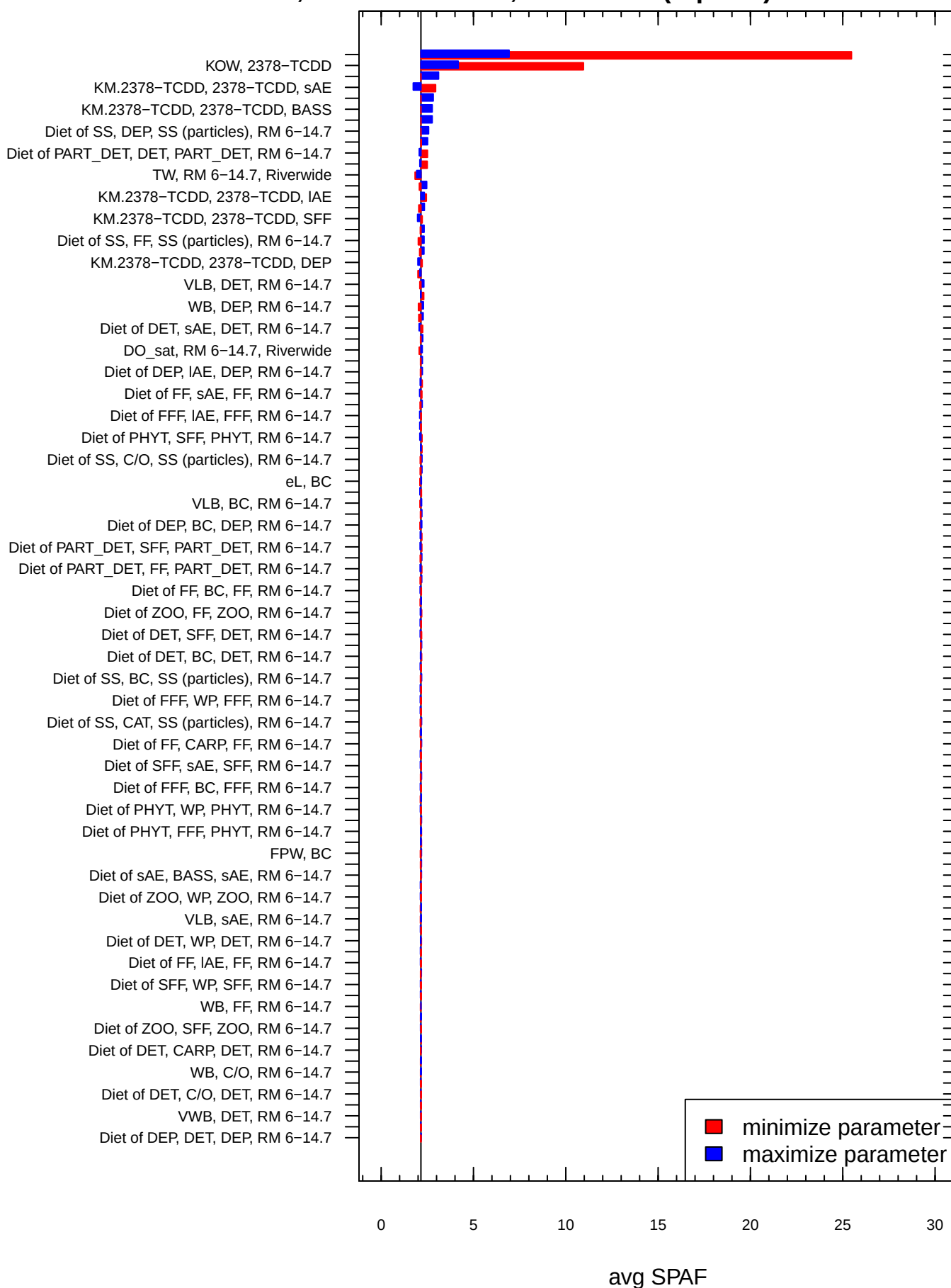
Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

2378-TCDD, exclude benthic, RM 6-14.7 (top 30 without KOW)

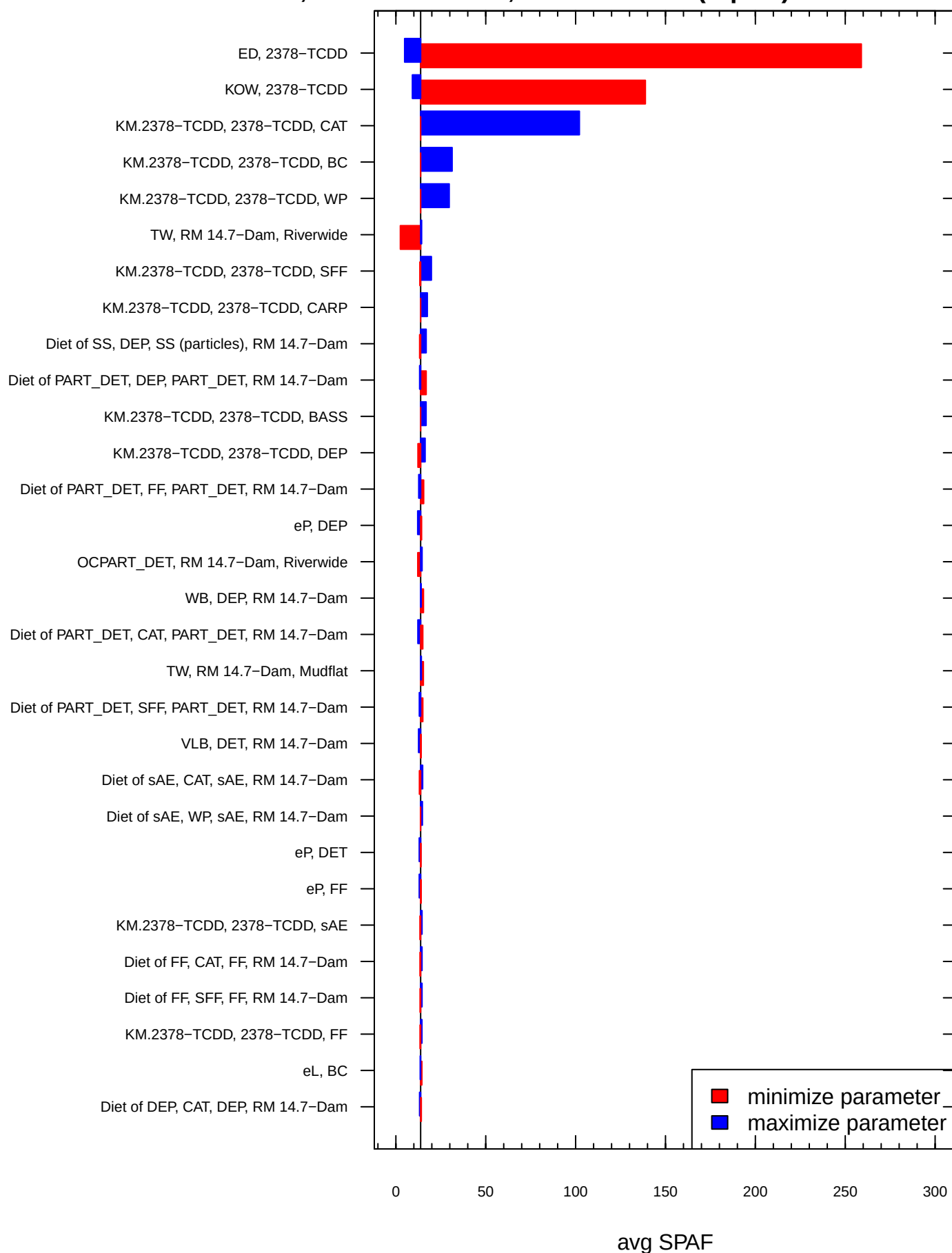


Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

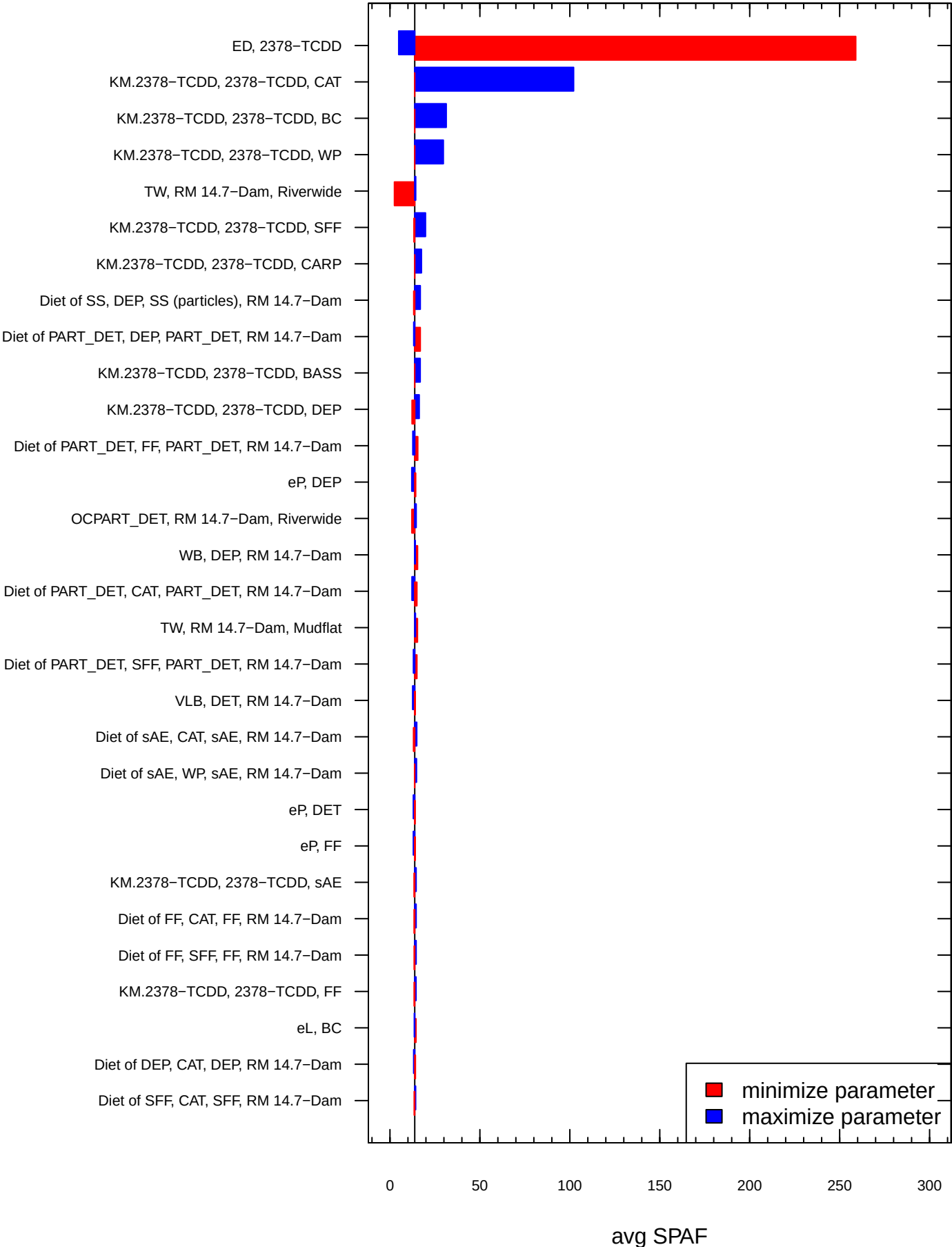
2378-TCDD, exclude benthic, RM 6-14.7 (top 100)



2378-TCDD, exclude benthic, RM 14.7-Dam (top 30)

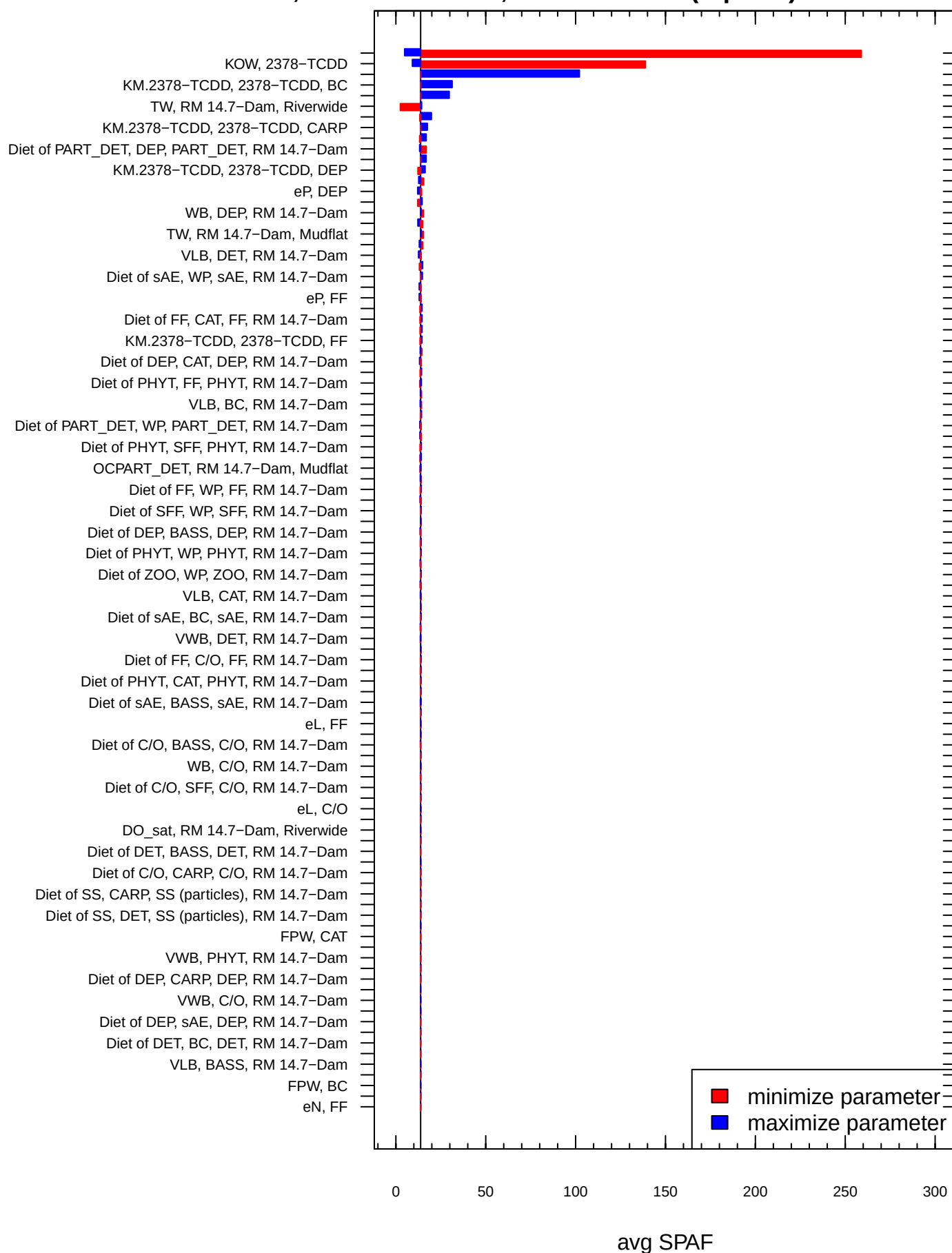


2378–TCDD, exclude benthic, RM 14.7–Dam (top 30 without KOW)

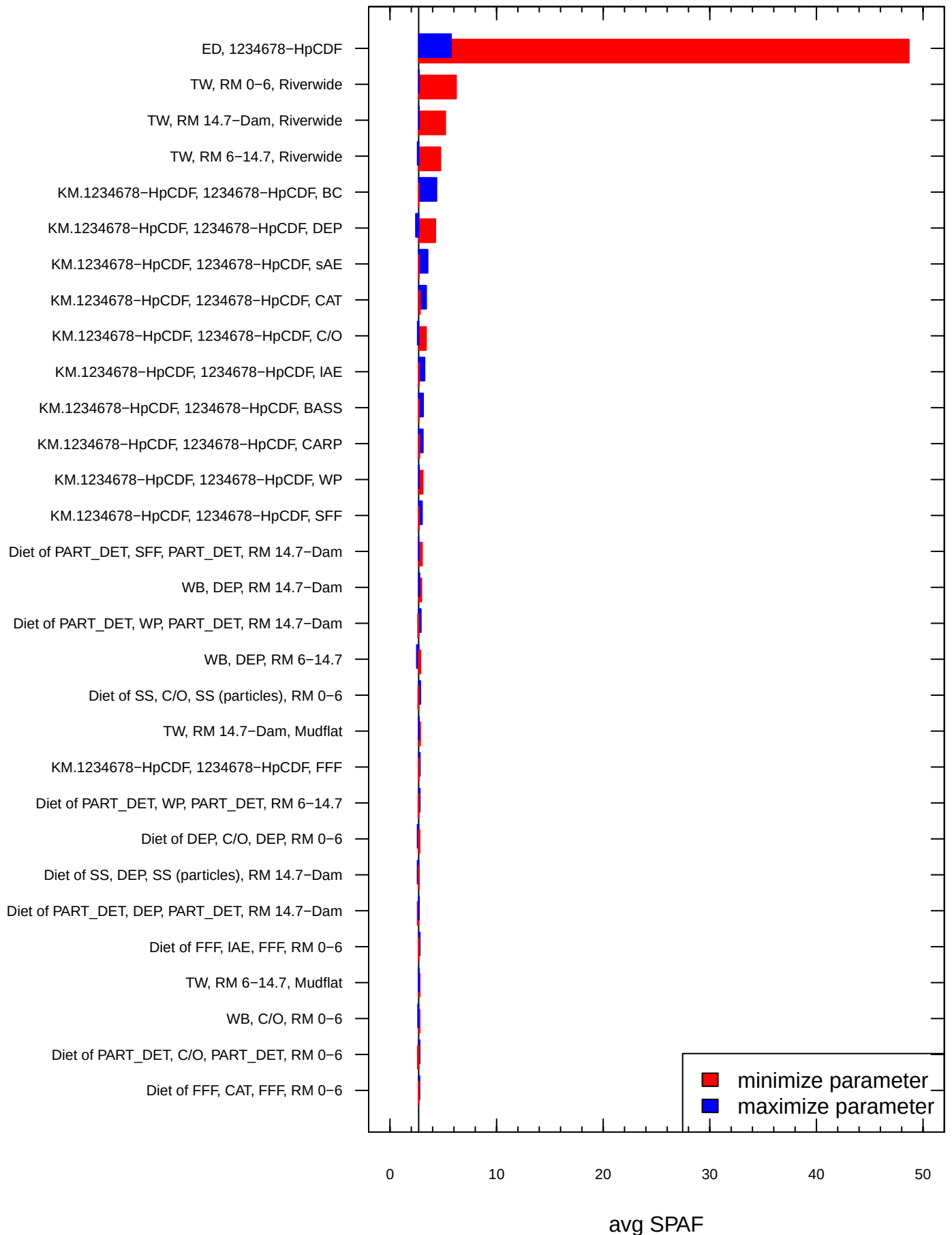


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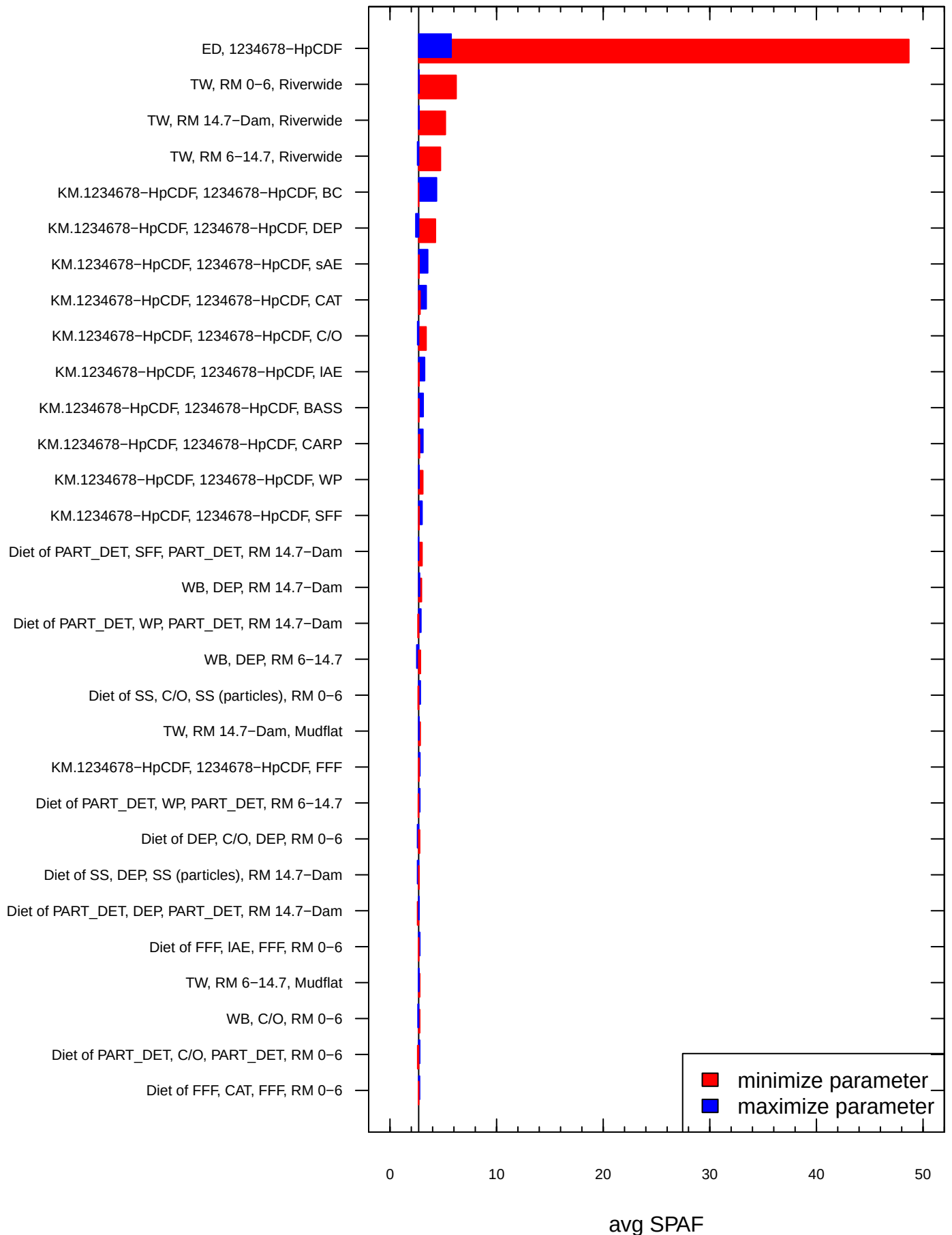
2378-TCDD, exclude benthic, RM 14.7-Dam (top 100)



1234678–HpCDF, all orgs, all_Segs (top 30)

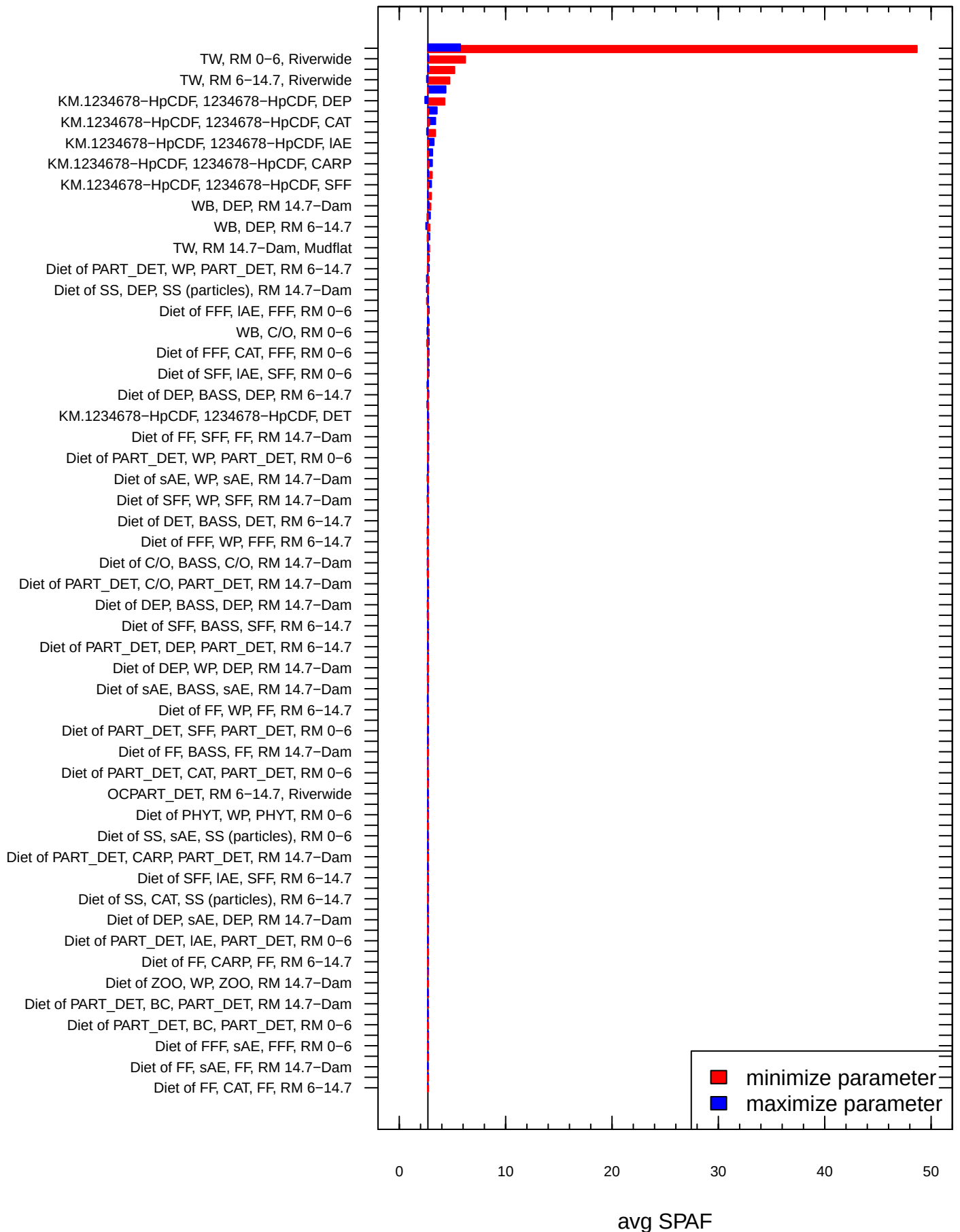


1234678–HpCDF, all orgs, all_Segs (top 30 without KOW)



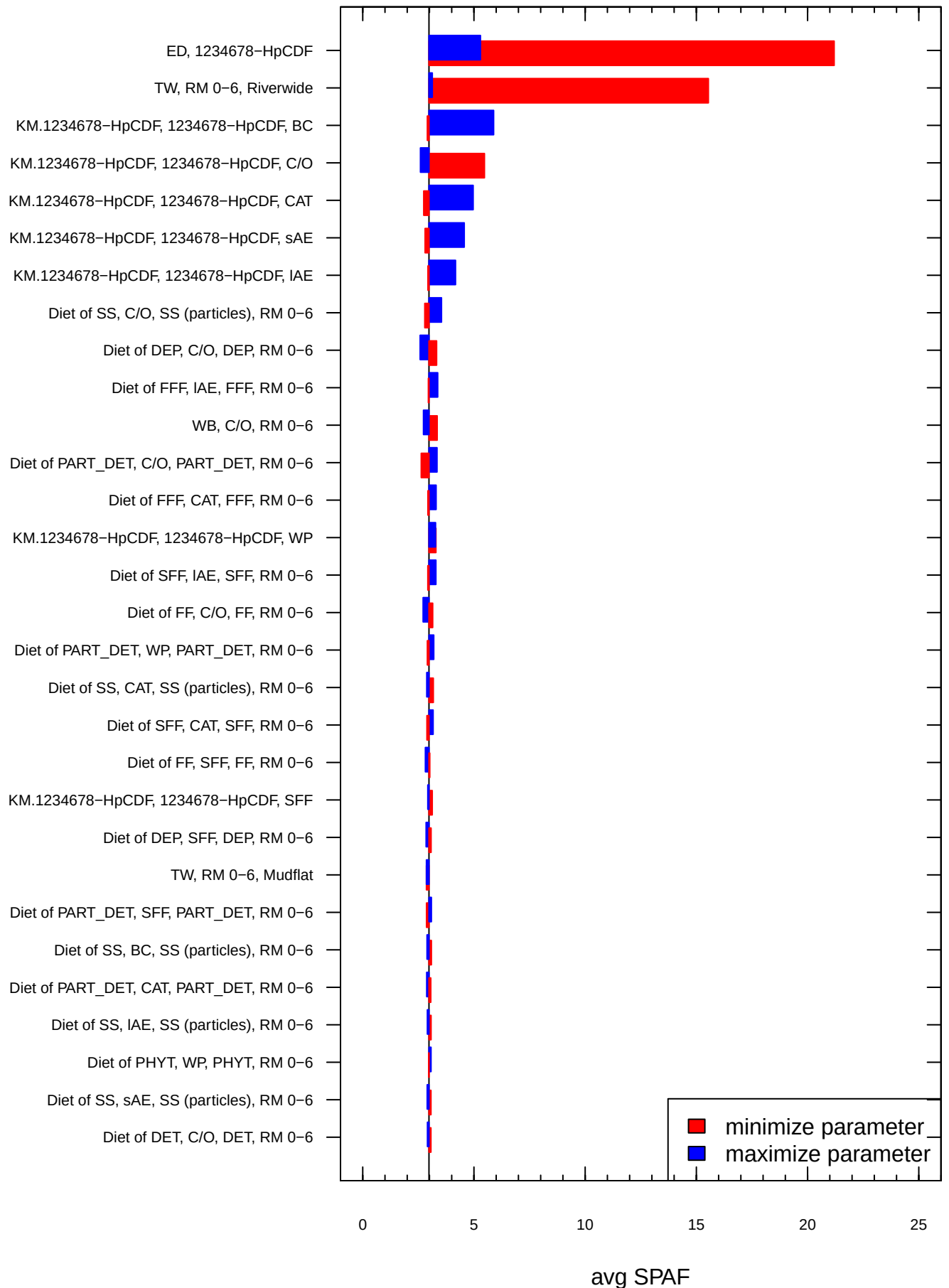
Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

1234678-HpCDF, all orgs, all_Segs (top 100)

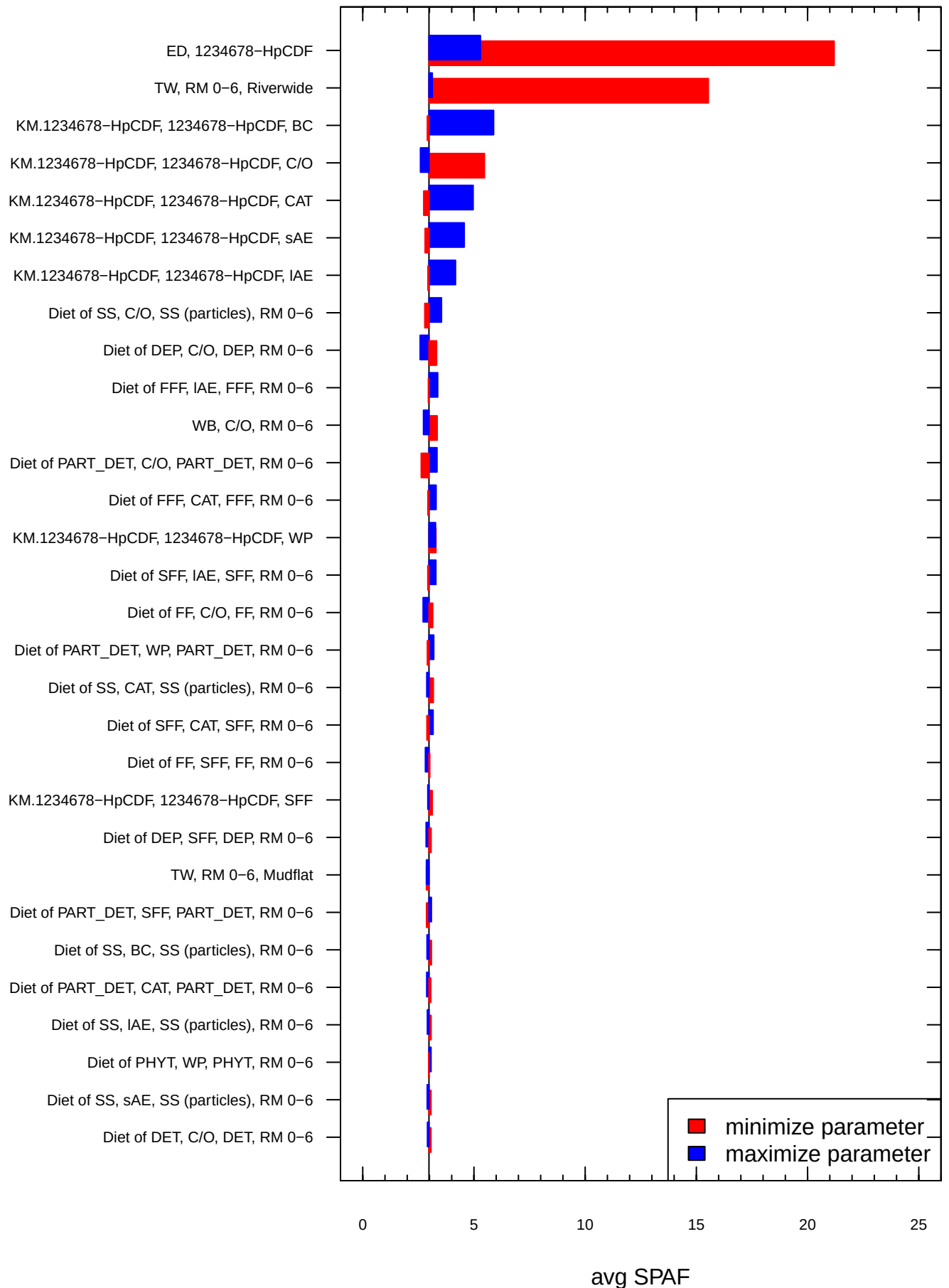


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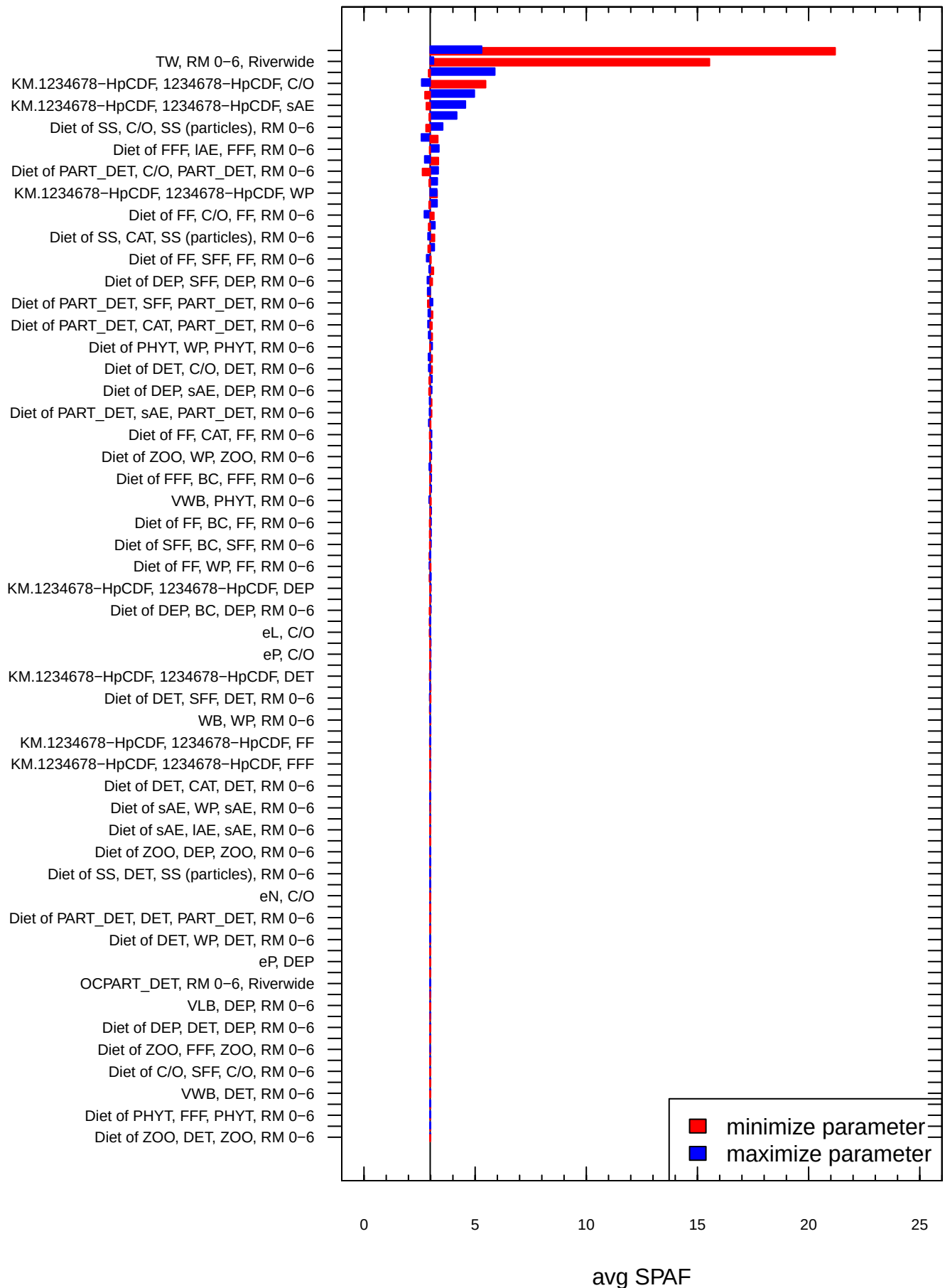
1234678-HpCDF, all orgs, RM 0-6 (top 30)



1234678–HpCDF, all orgs, RM 0–6 (top 30 without KOW)

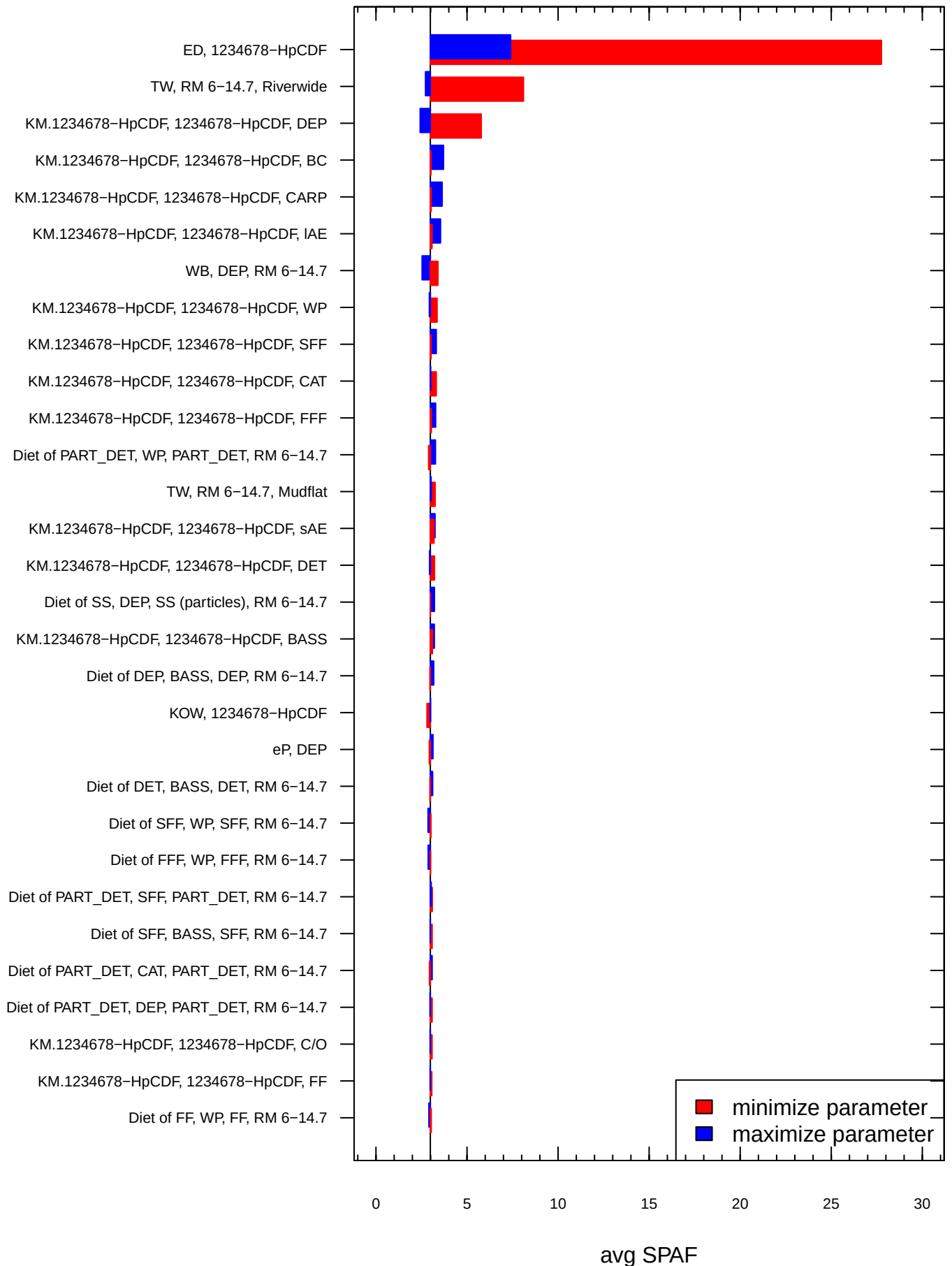


1234678–HpCDF, all orgs, RM 0–6 (top 100)



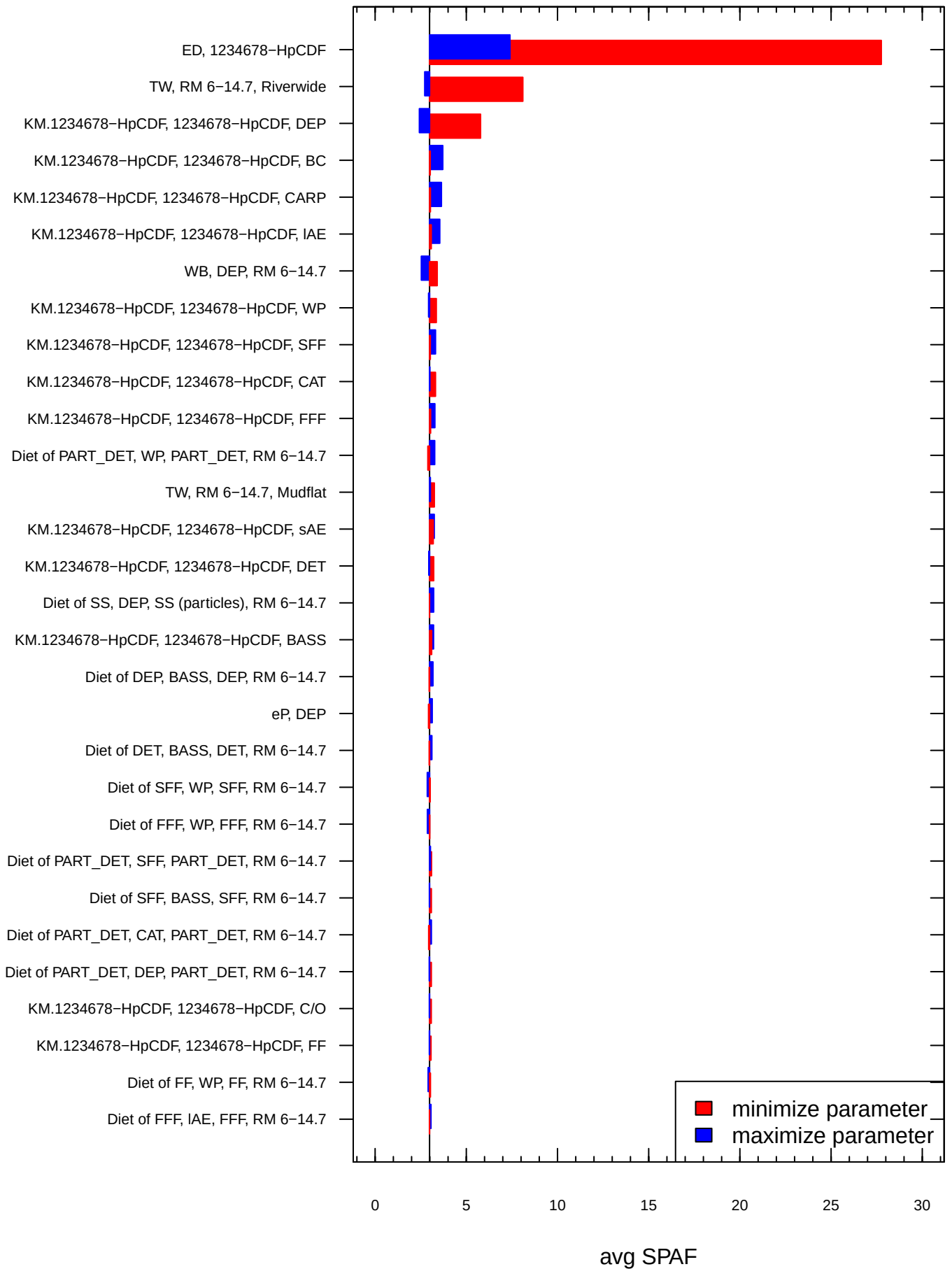
Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, 84 IAE=Large American eel, BASS=Bass

1234678-HpCDF, all orgs, RM 6-14.7 (top 30)

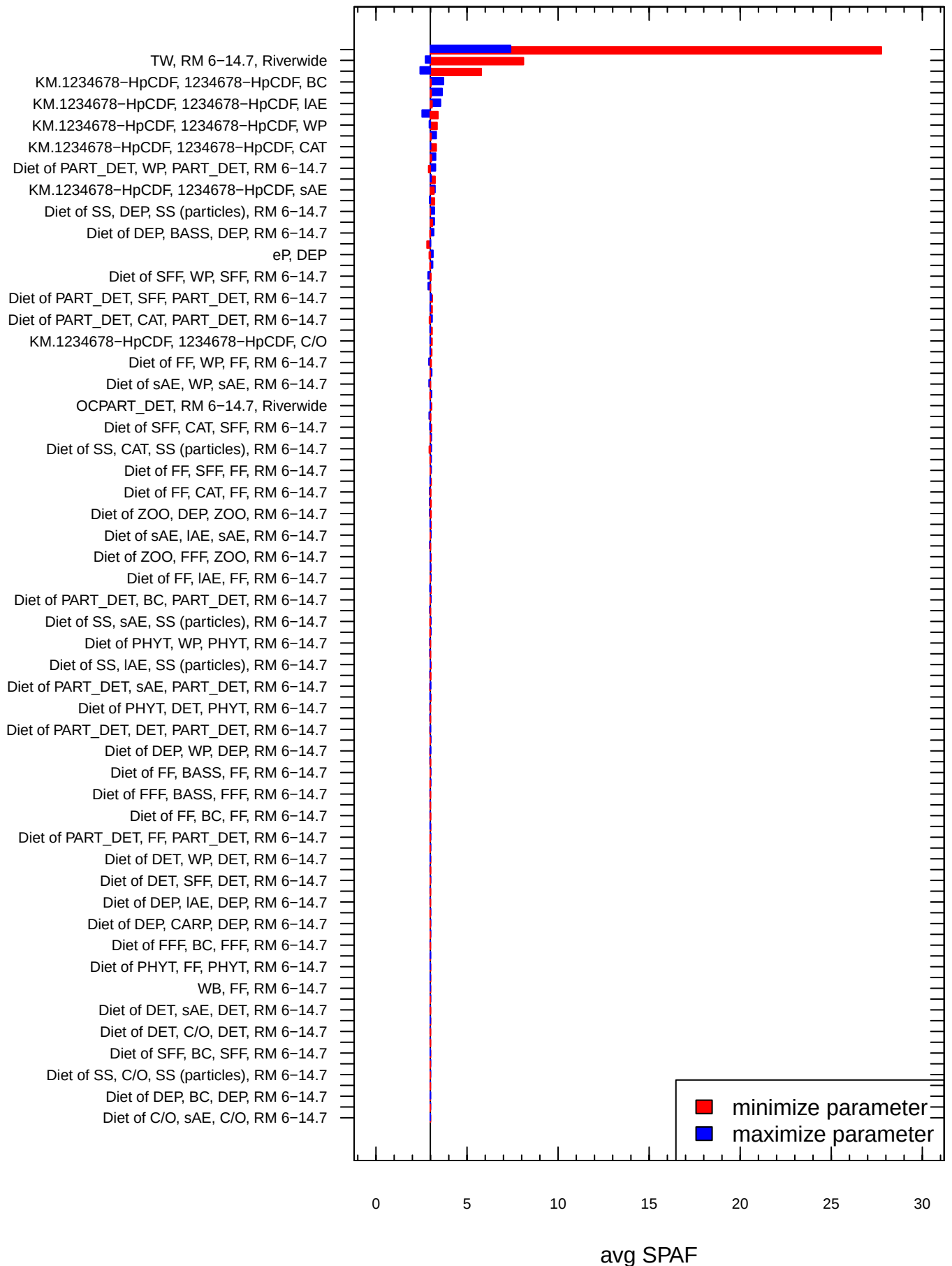


Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

1234678–HpCDF, all orgs, RM 6–14.7 (top 30 without KOW)

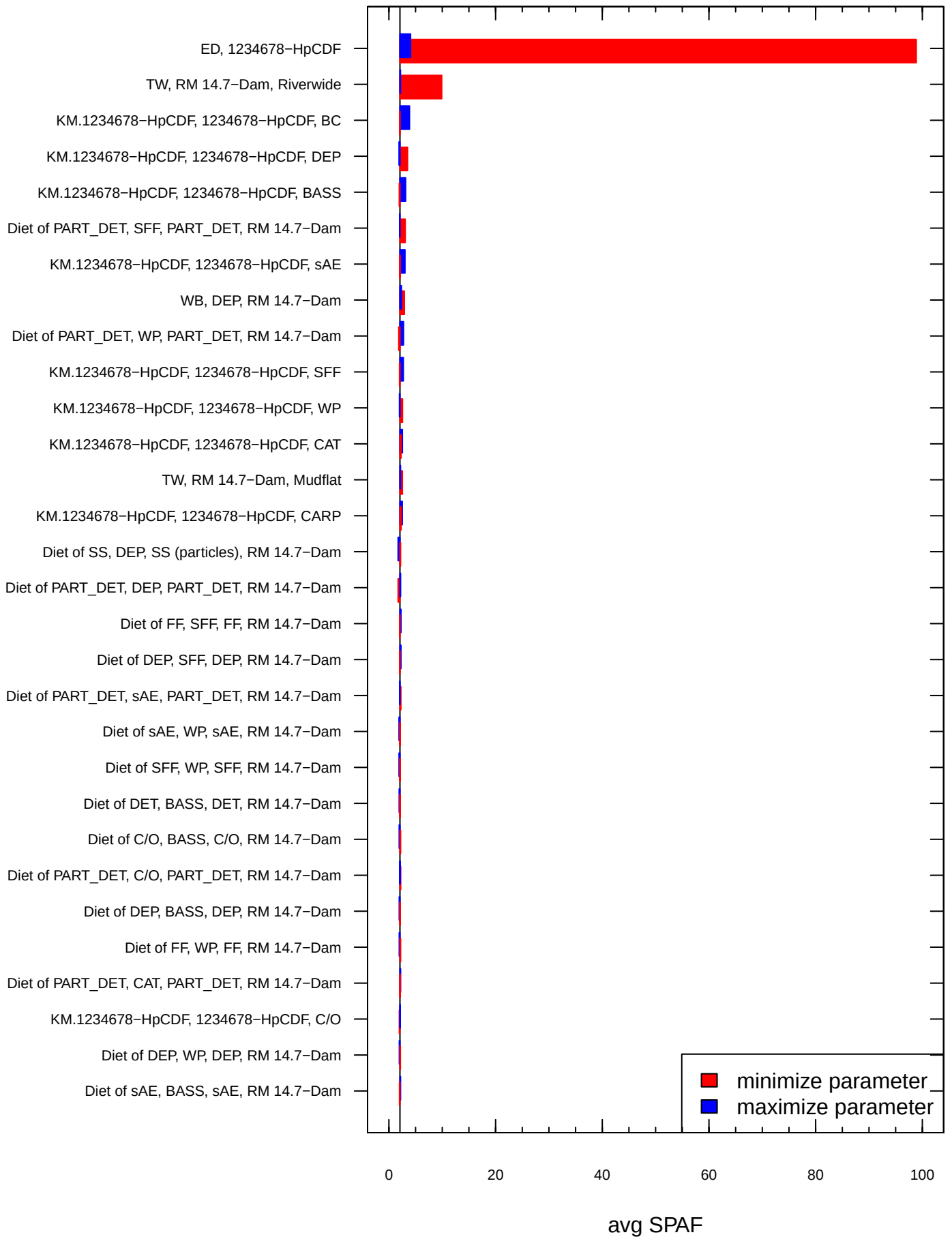


1234678-HpCDF, all orgs, RM 6-14.7 (top 100)



Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

1234678–HpCDF, all orgs, RM 14.7–Dam (top 30)



1234678–HpCDF, all orgs, RM 14.7–Dam (top 30 without KOW)



1234678–HpCDF, all orgs, RM 14.7–Dam (top 100)



Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, 90 IAE=Large American eel, BASS=Bass

1234678–HpCDF, exclude benthic, all_Segs (top 30)



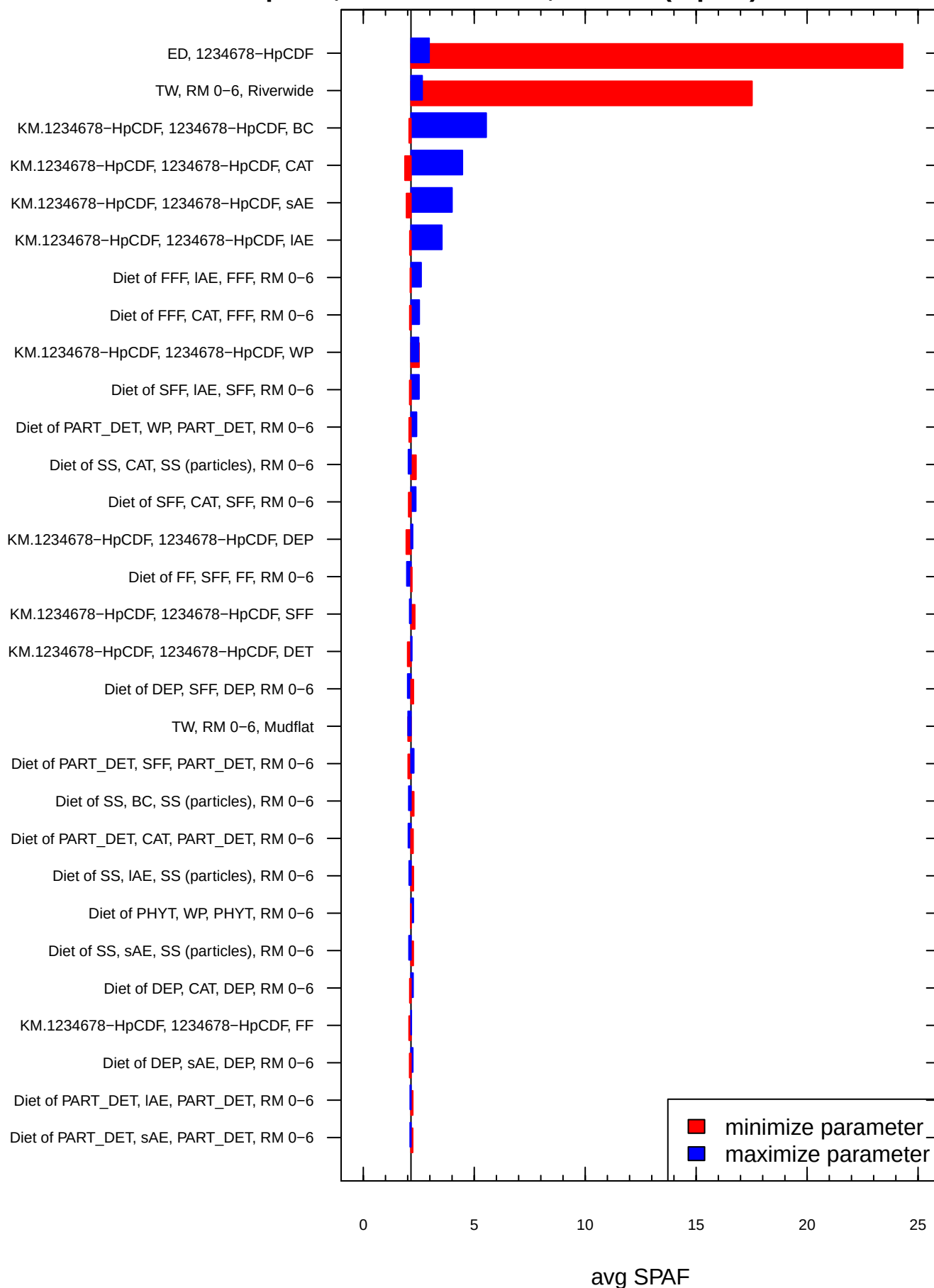
1234678–HpCDF, exclude benthic, all_Segs (top 30 without KOW)



1234678–HpCDF, exclude benthic, all_Segs (top 100)

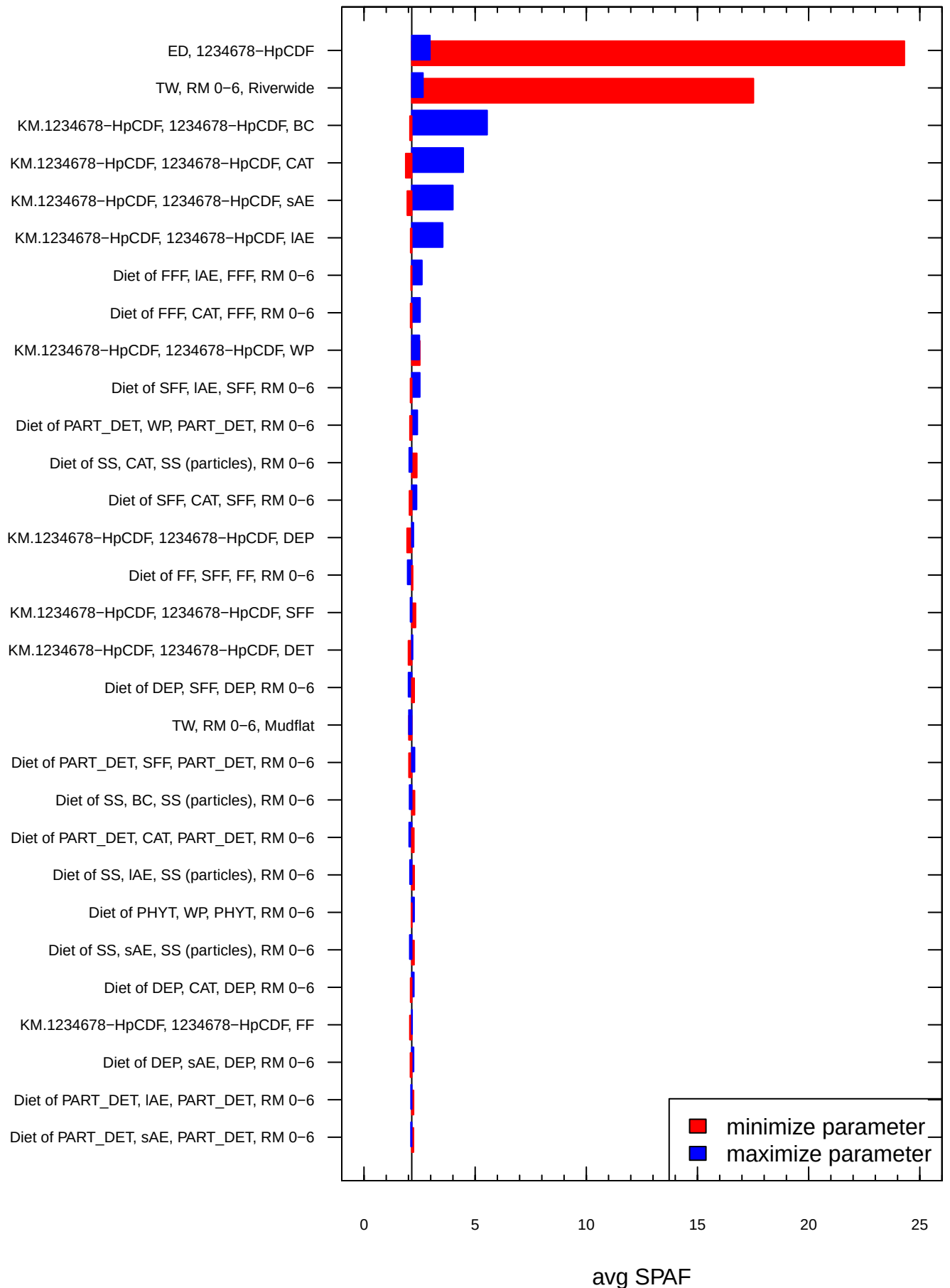


1234678–HpCDF, exclude benthic, RM 0–6 (top 30)



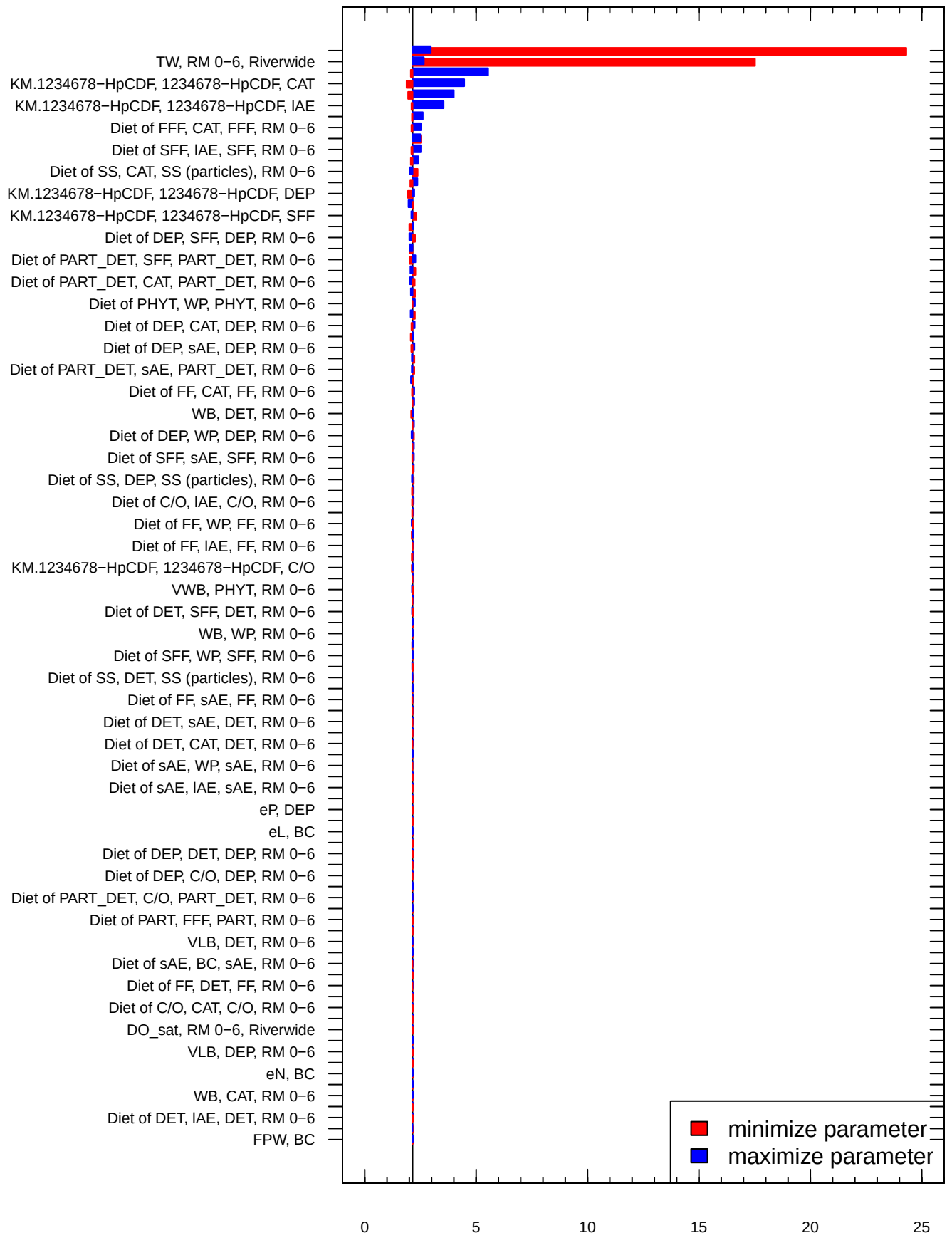
Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

1234678–HpCDF, exclude benthic, RM 0–6 (top 30 without KOW)



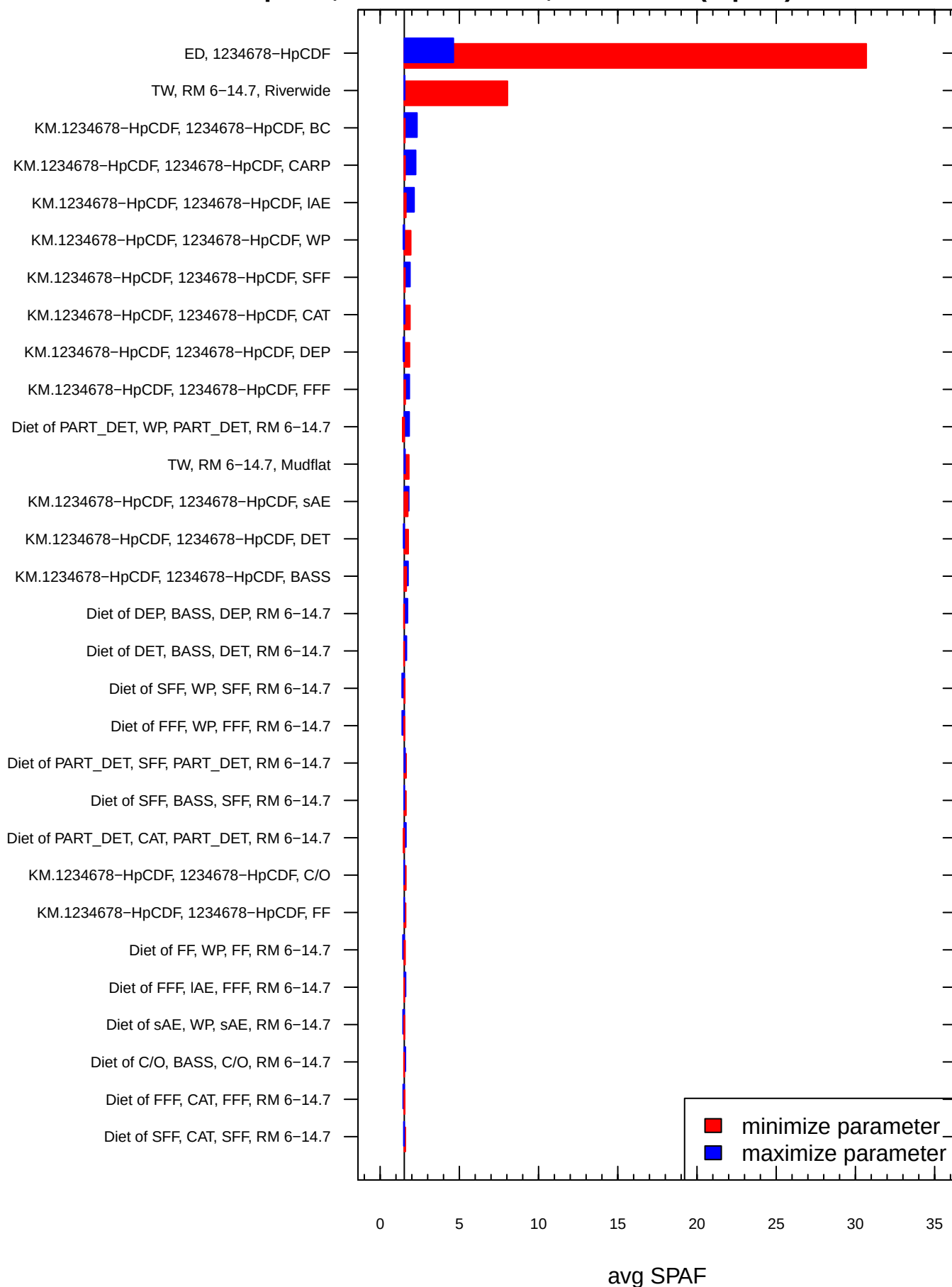
Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

1234678–HpCDF, exclude benthic, RM 0–6 (top 100)

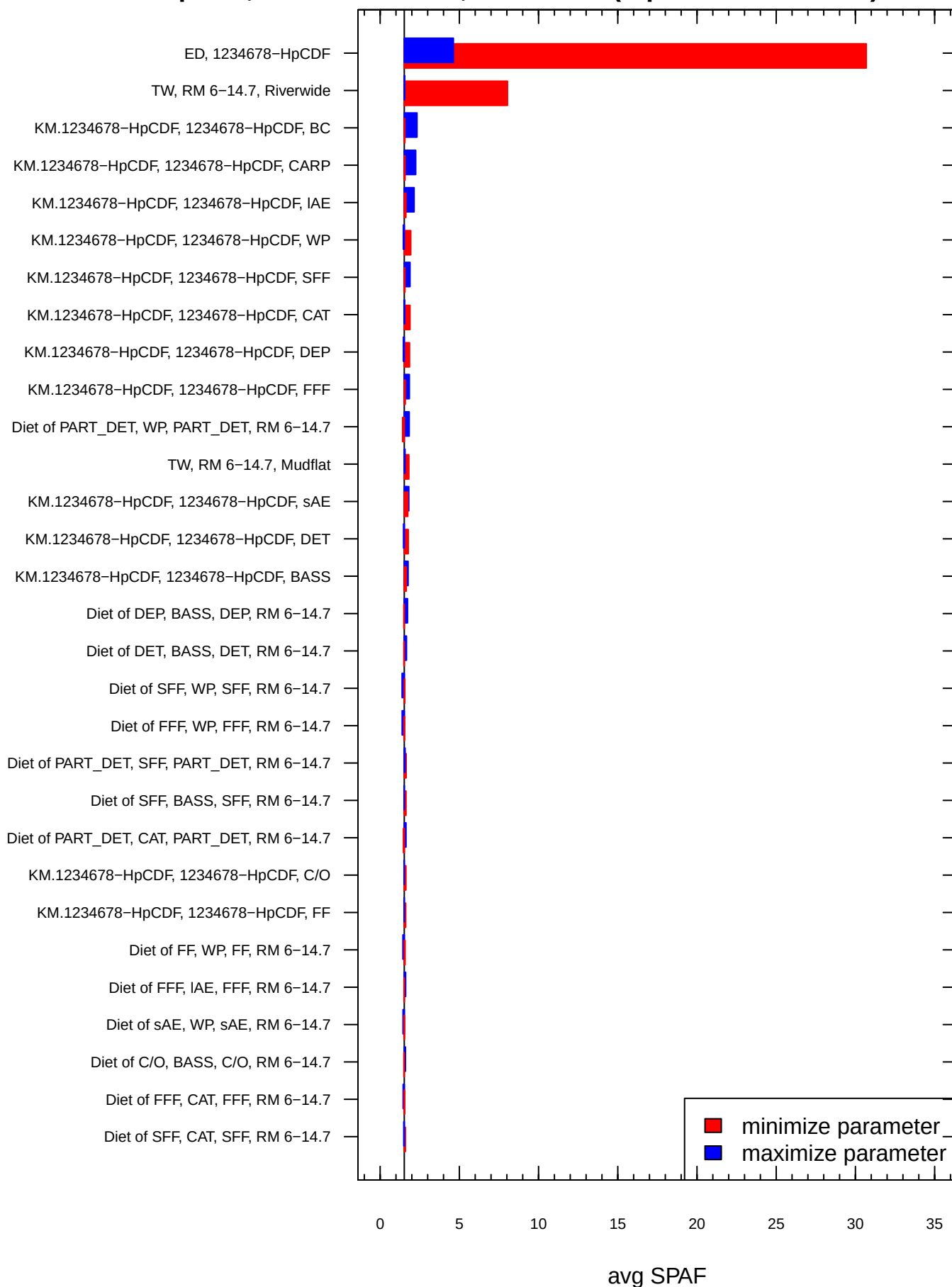


avg SPAF

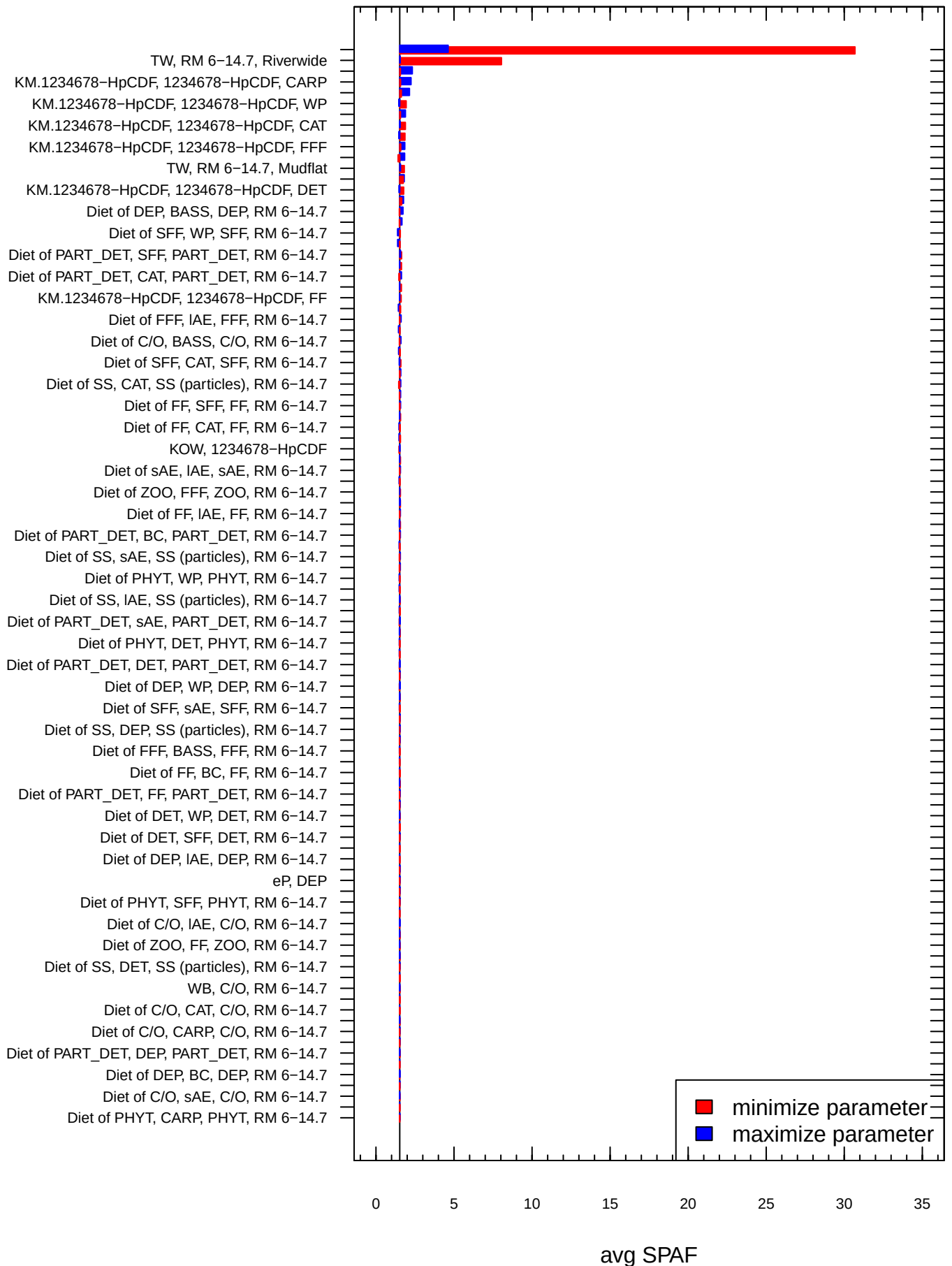
1234678-HpCDF, exclude benthic, RM 6-14.7 (top 30)



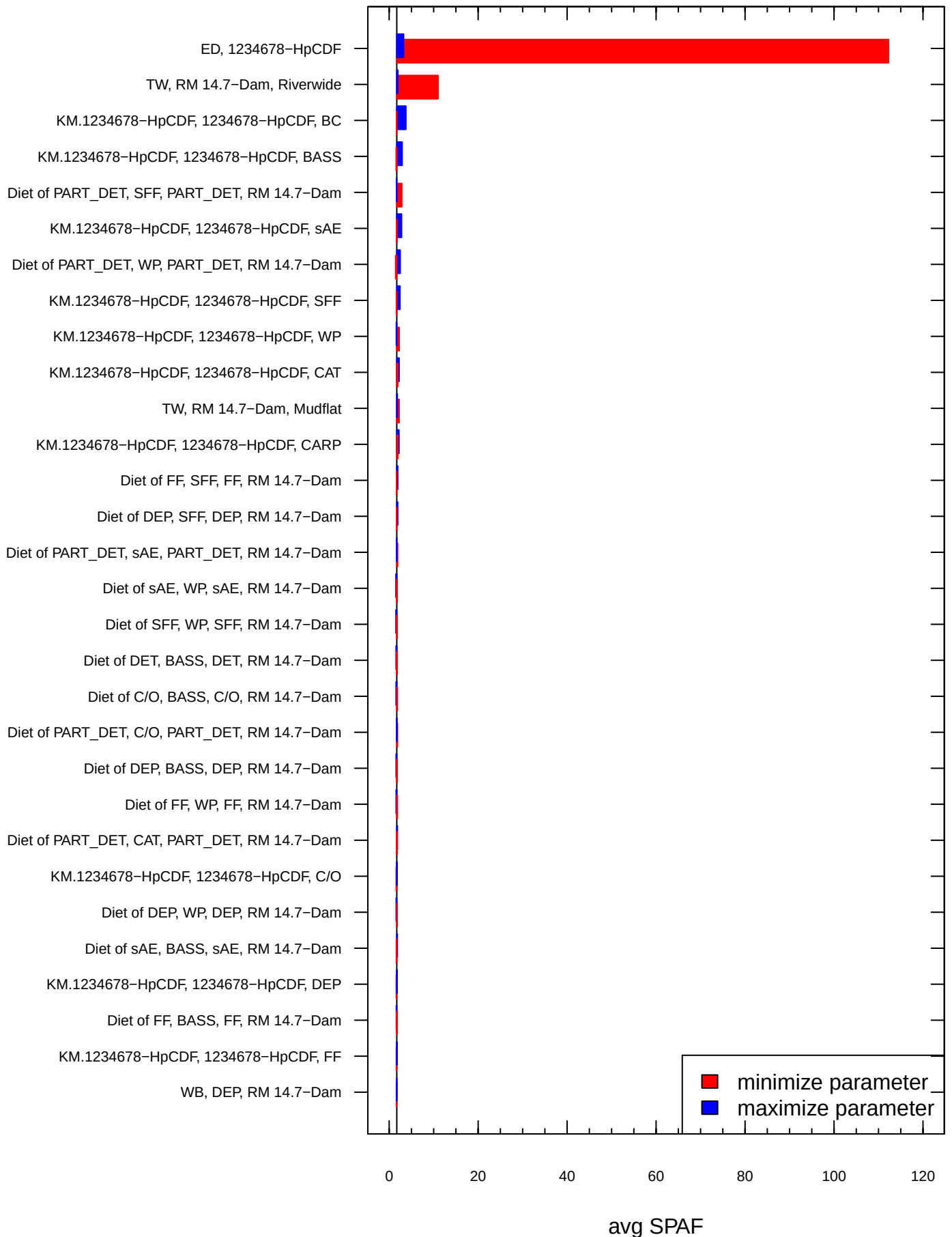
1234678–HpCDF, exclude benthic, RM 6–14.7 (top 30 without KOW)



1234678-HpCDF, exclude benthic, RM 6-14.7 (top 100)



1234678–HpCDF, exclude benthic, RM 14.7–Dam (top 30)



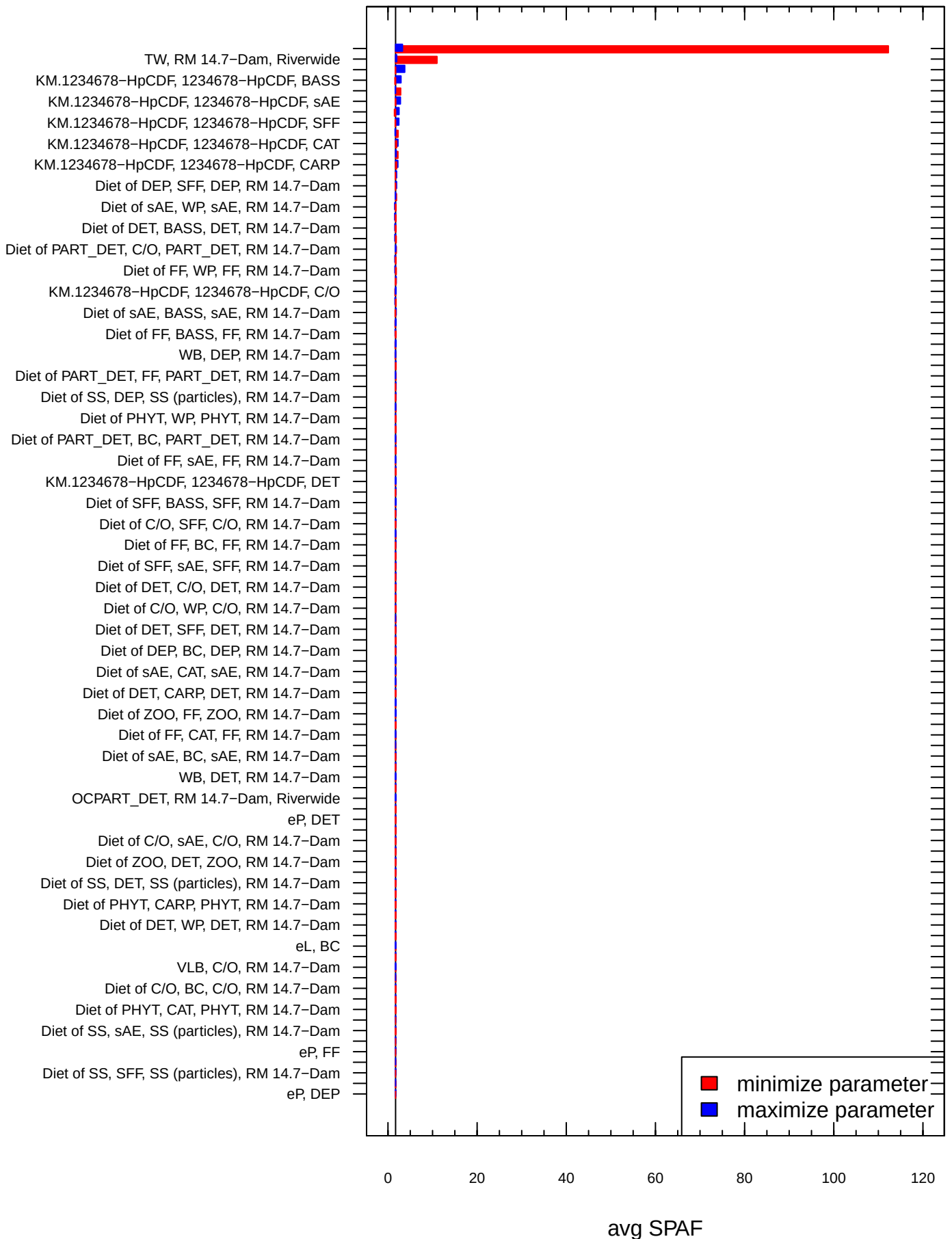
Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

1234678–HpCDF, exclude benthic, RM 14.7–Dam (top 30 without KOW)



Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, IAE=Large American eel, BASS=Bass

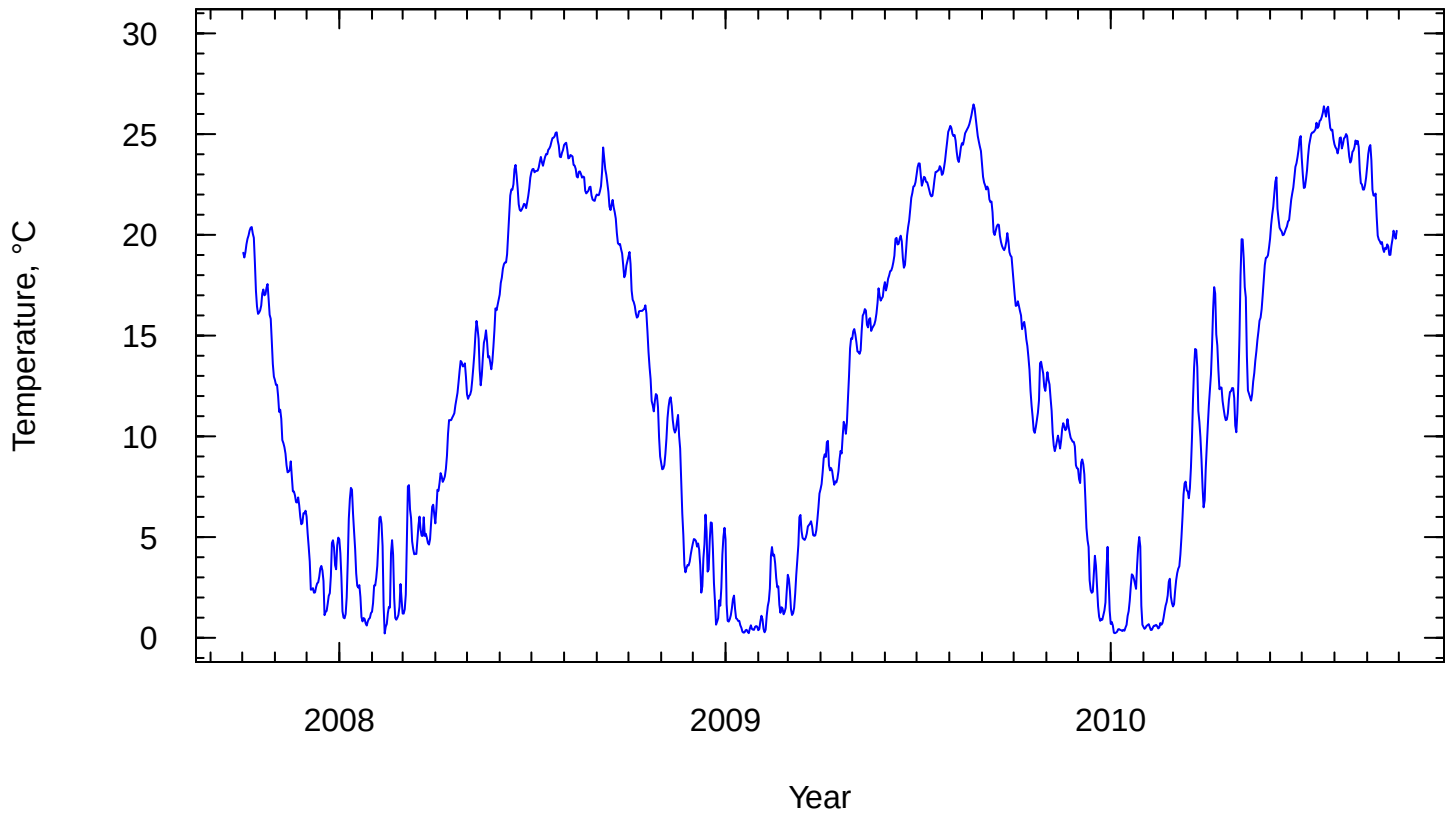
1234678-HpCDF, exclude benthic, RM 14.7-Dam (top 100)



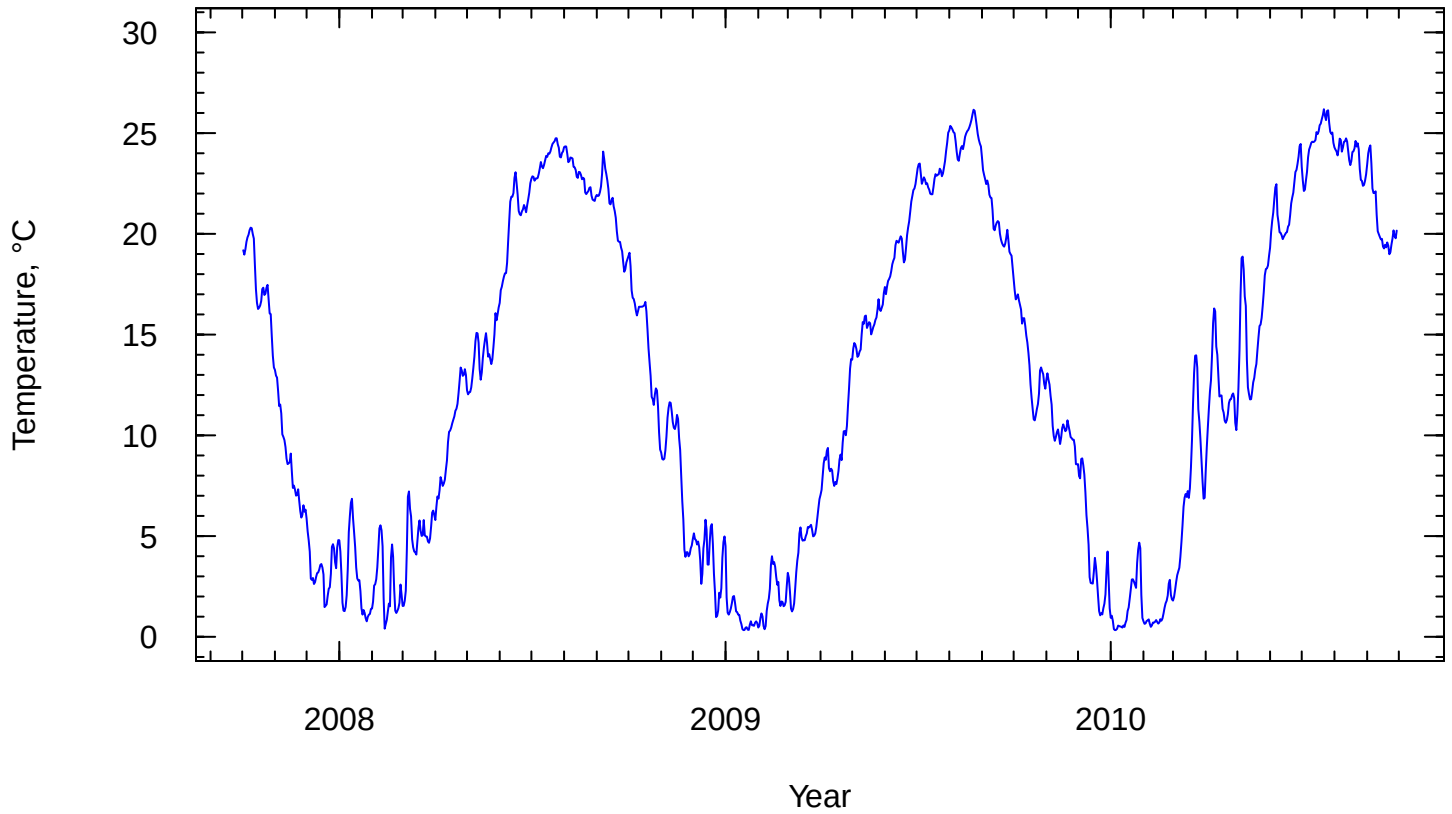
Abbreviations: SS=Sediment Solids, PART=Detrital Particulates, PART_DET=Near-Bottom Particulates, PHYT=Phytoplankton, ZOO=Zooplankton, DEP=Benthic invert deposit feeder, FF=Benthic invert filter feeder, DET=Benthic invert detritivore, C/O=Benthic invert carnivore/omnivore, FFF=Small filter feeding fish, SFF=Small forage fish, sAE=Small American eel, BC=Blue crab, CARP=Carp, CAT=Catfish, WP=White perch, 102 IAE=Large American eel, BASS=Bass

Bioaccumulation Model Inputs from CFT Model

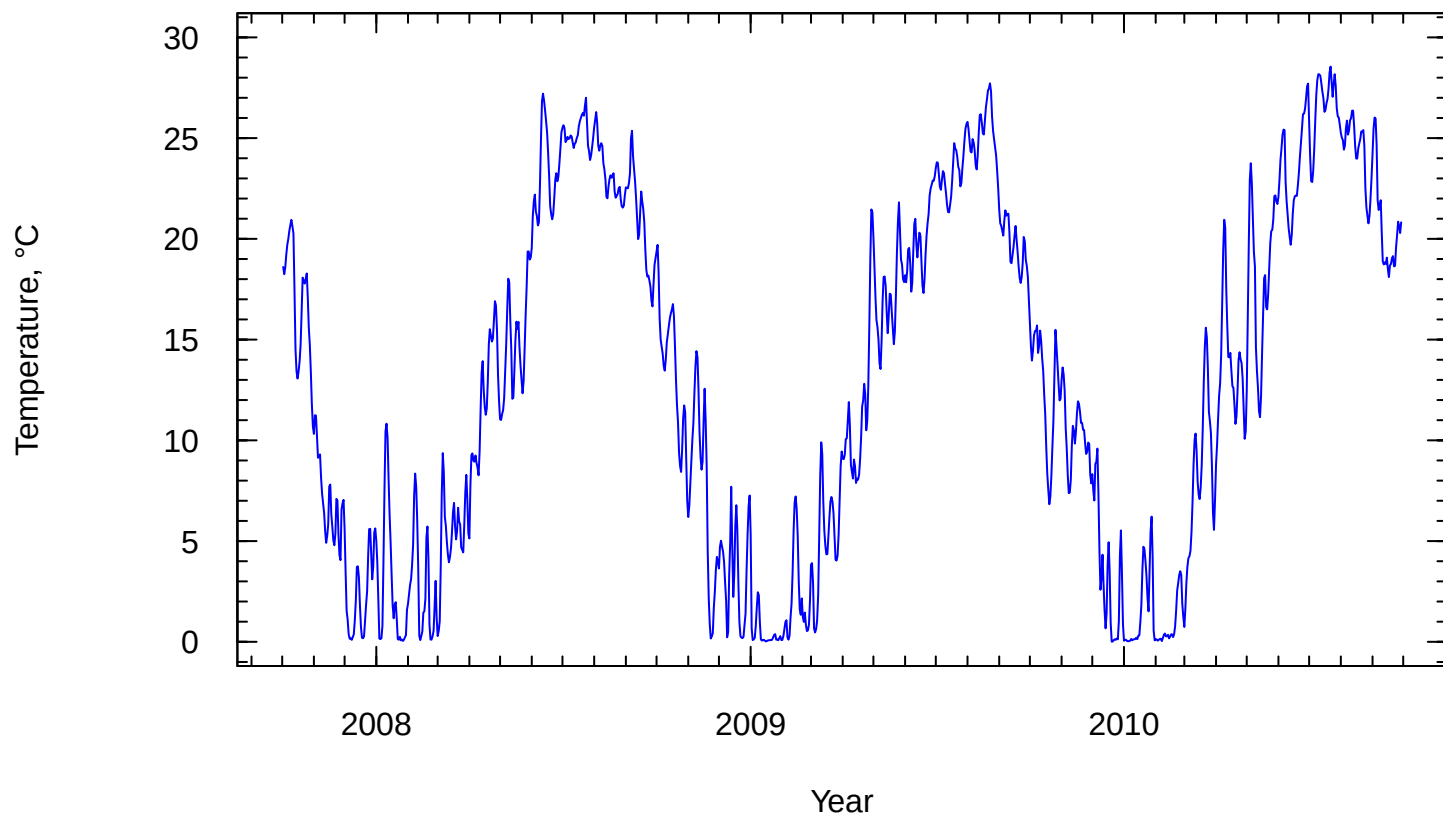
TW in RM 0–6 whole river



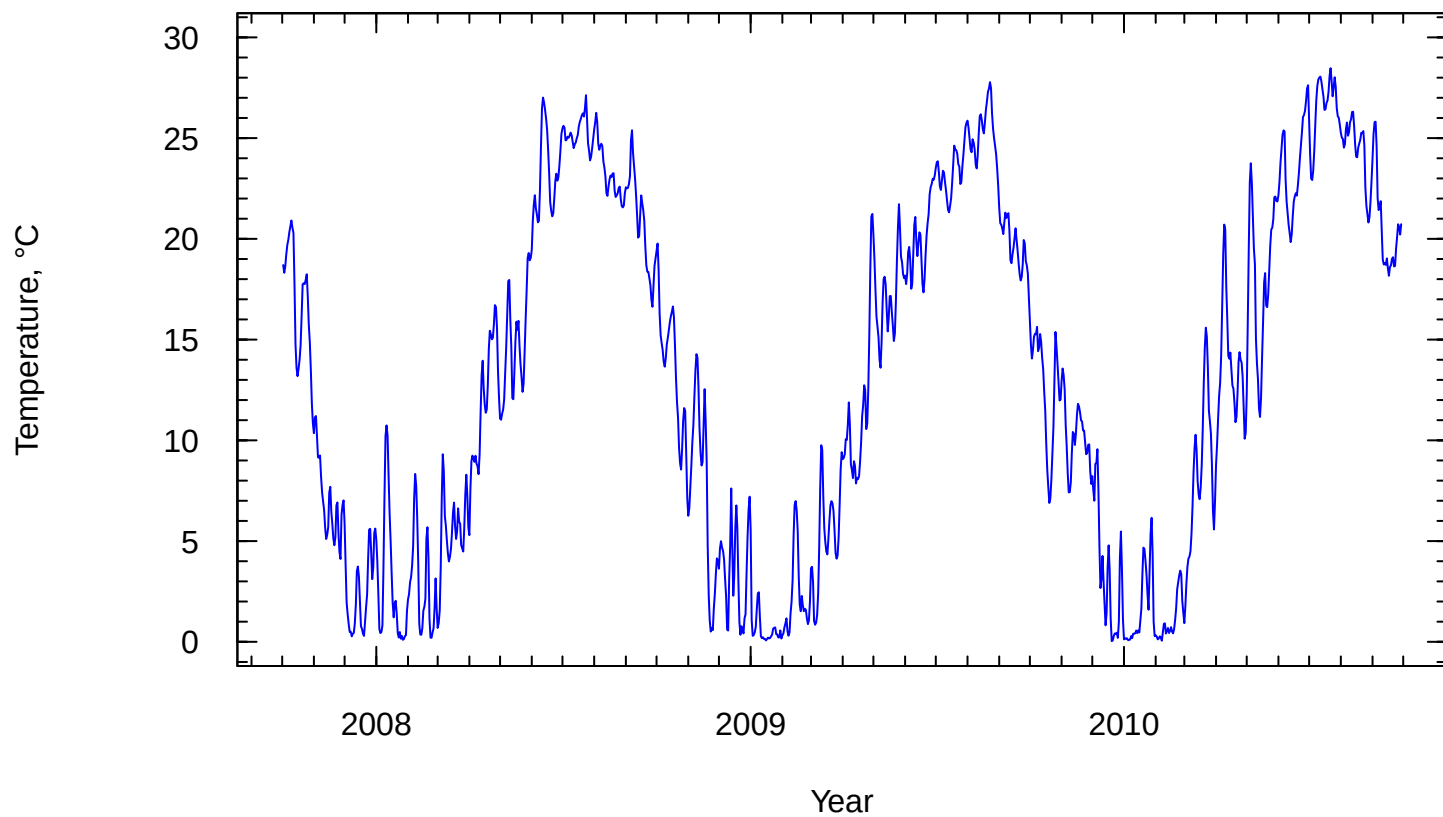
TW in RM 0–6 mudflat only



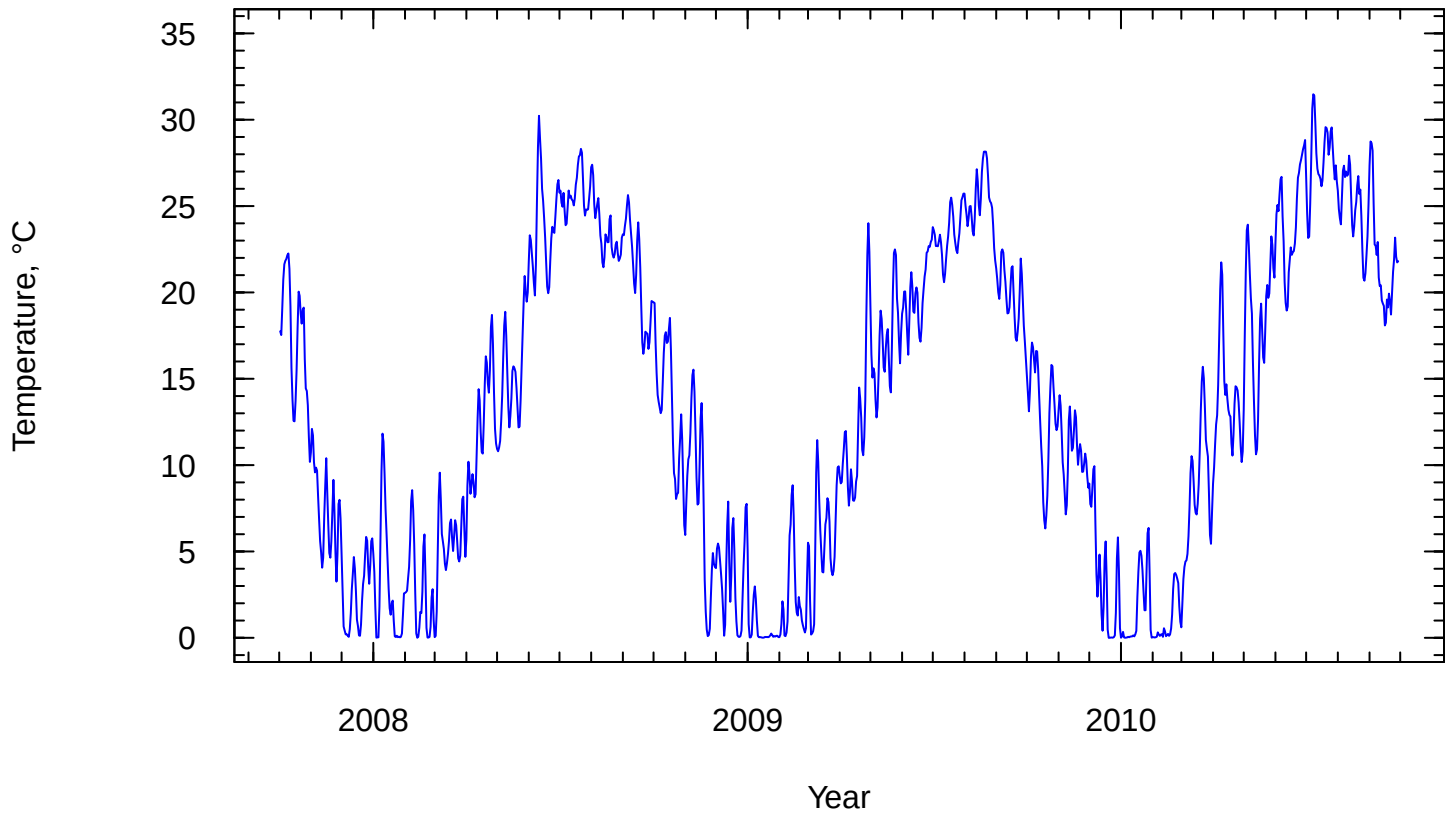
TW in RM 6–14.7 whole river



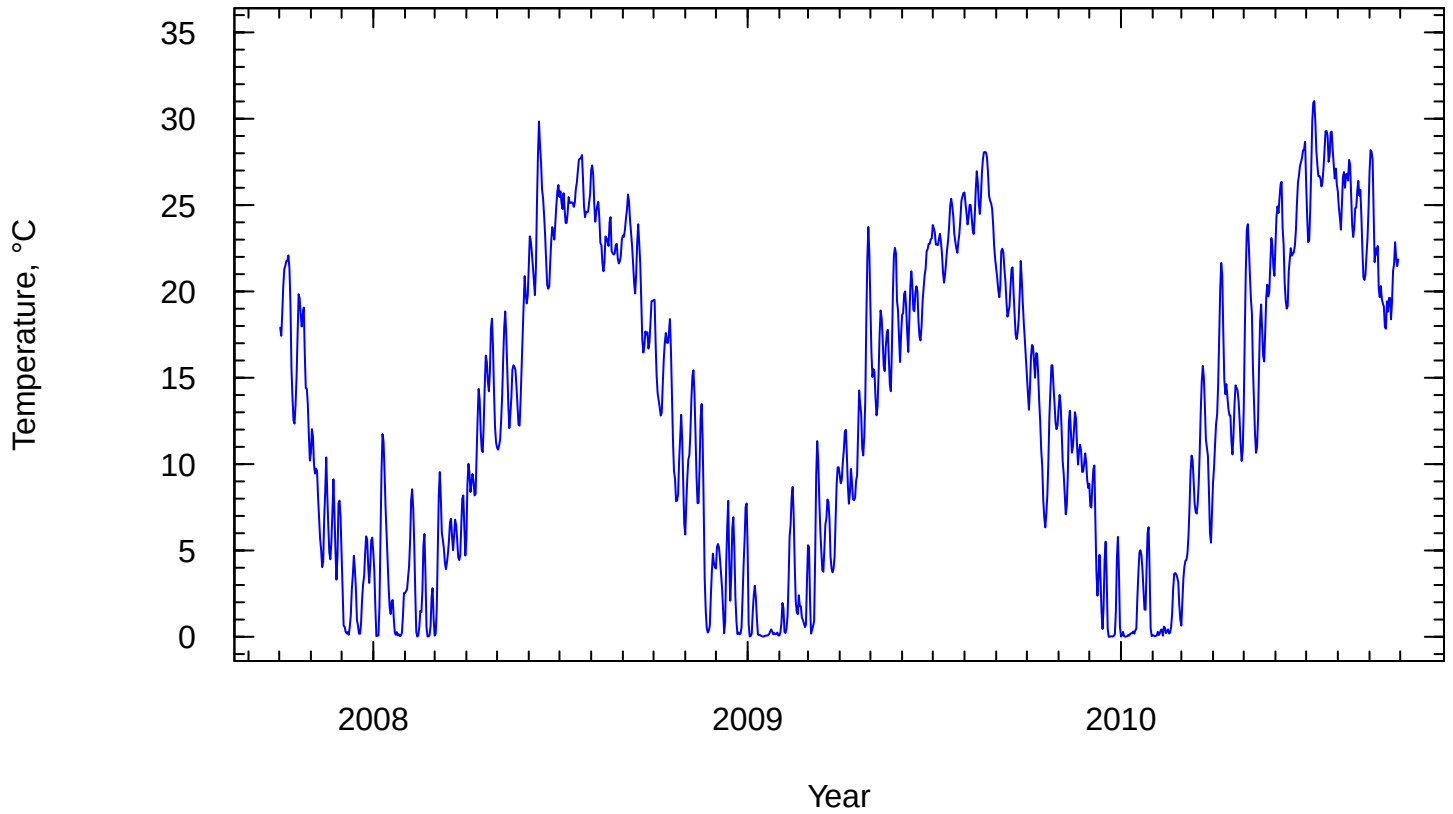
TW in RM 6–14.7 mudflat only



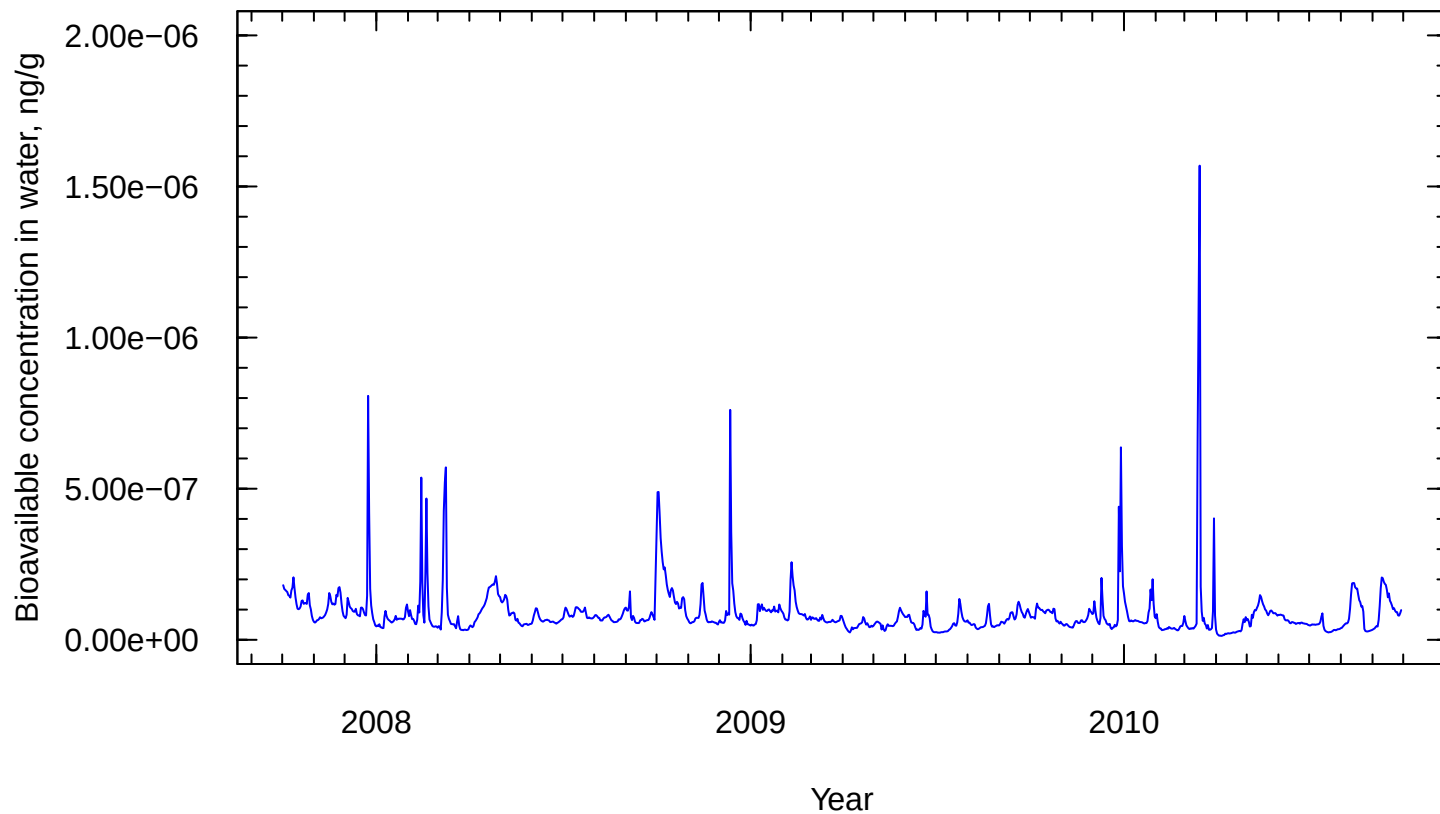
TW in RM 14.7–Dam whole river



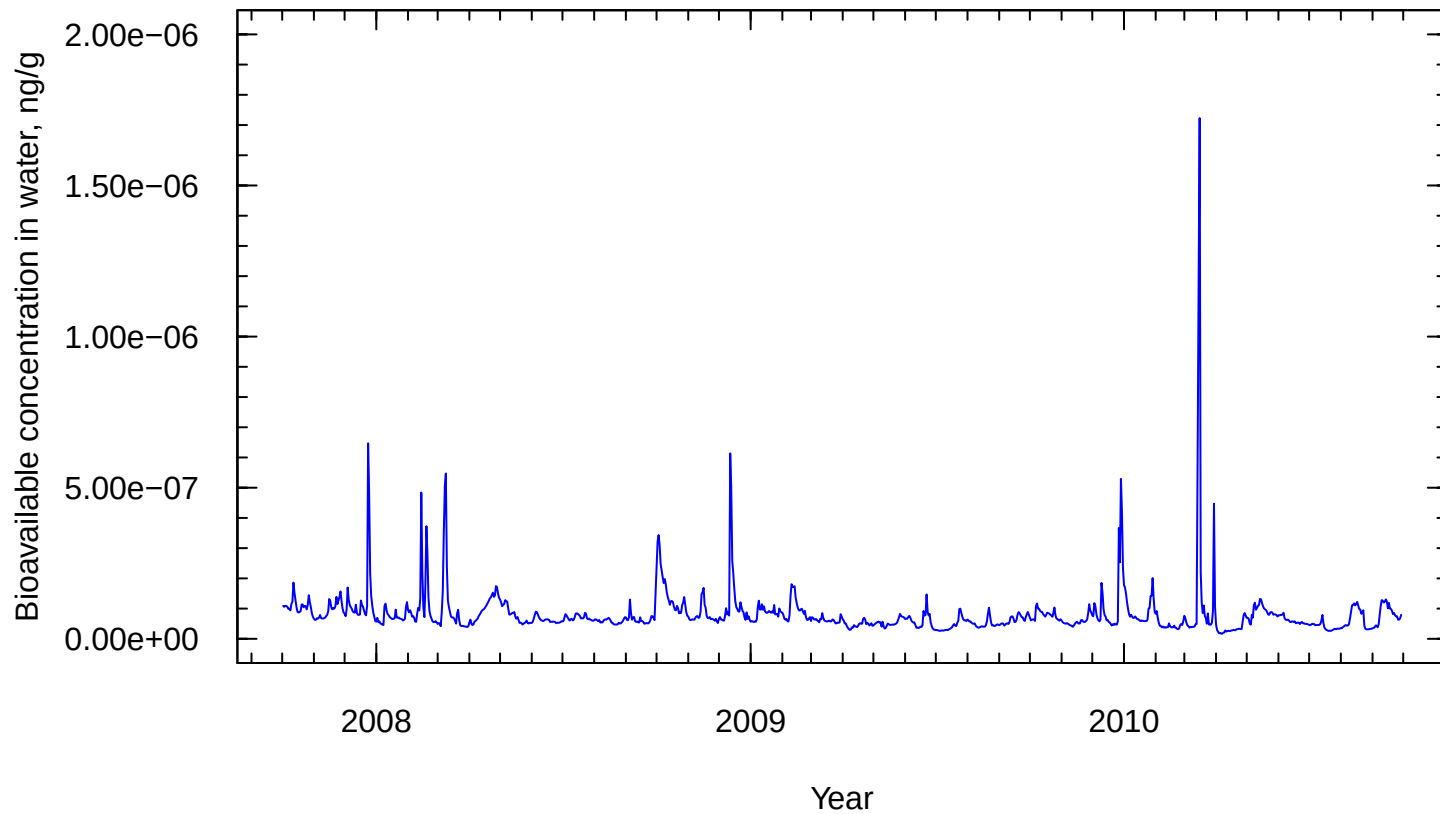
TW in RM 14.7–Dam mudflat only



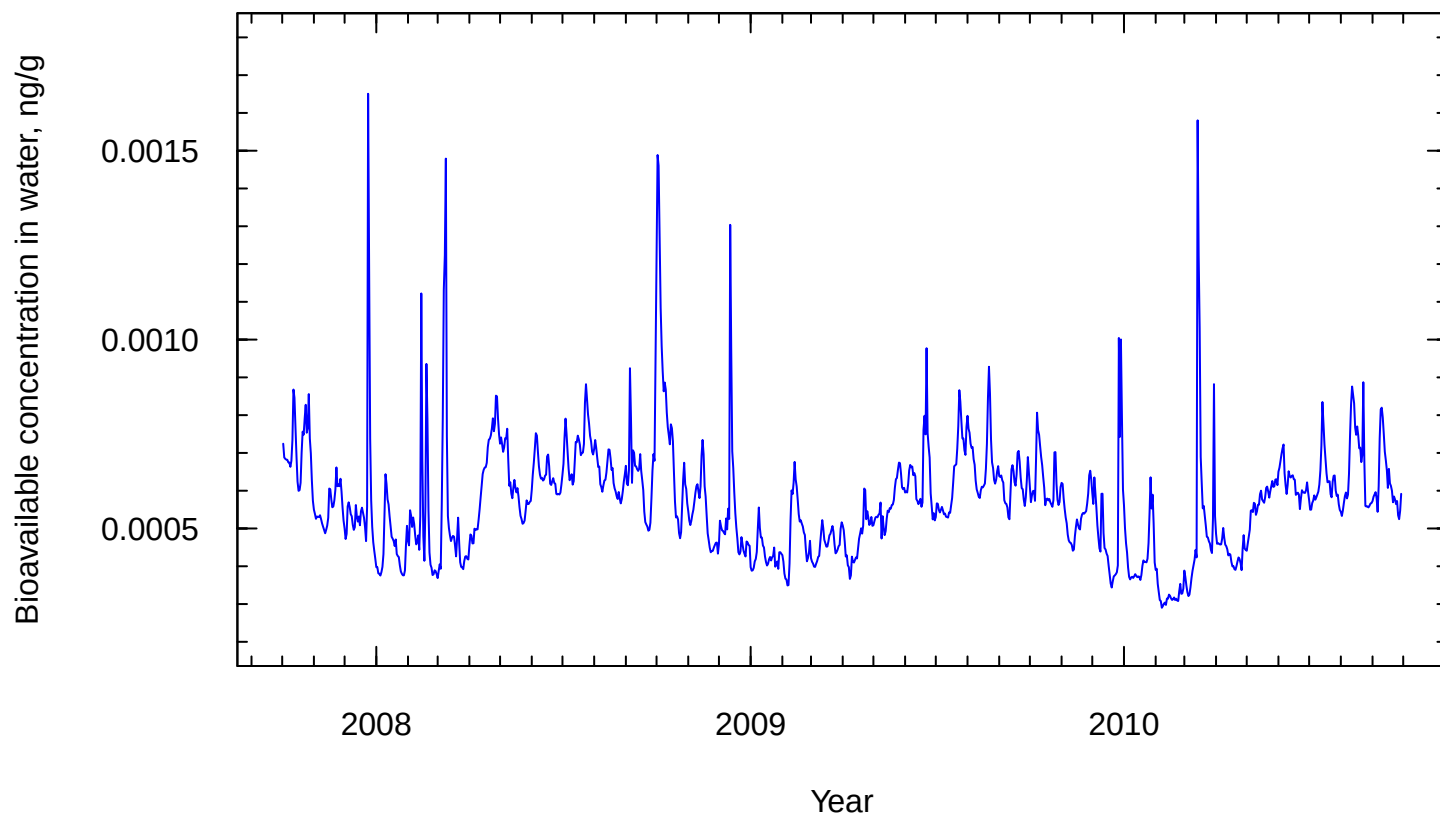
2378-TCDD, CWB in RM 0-6 whole river



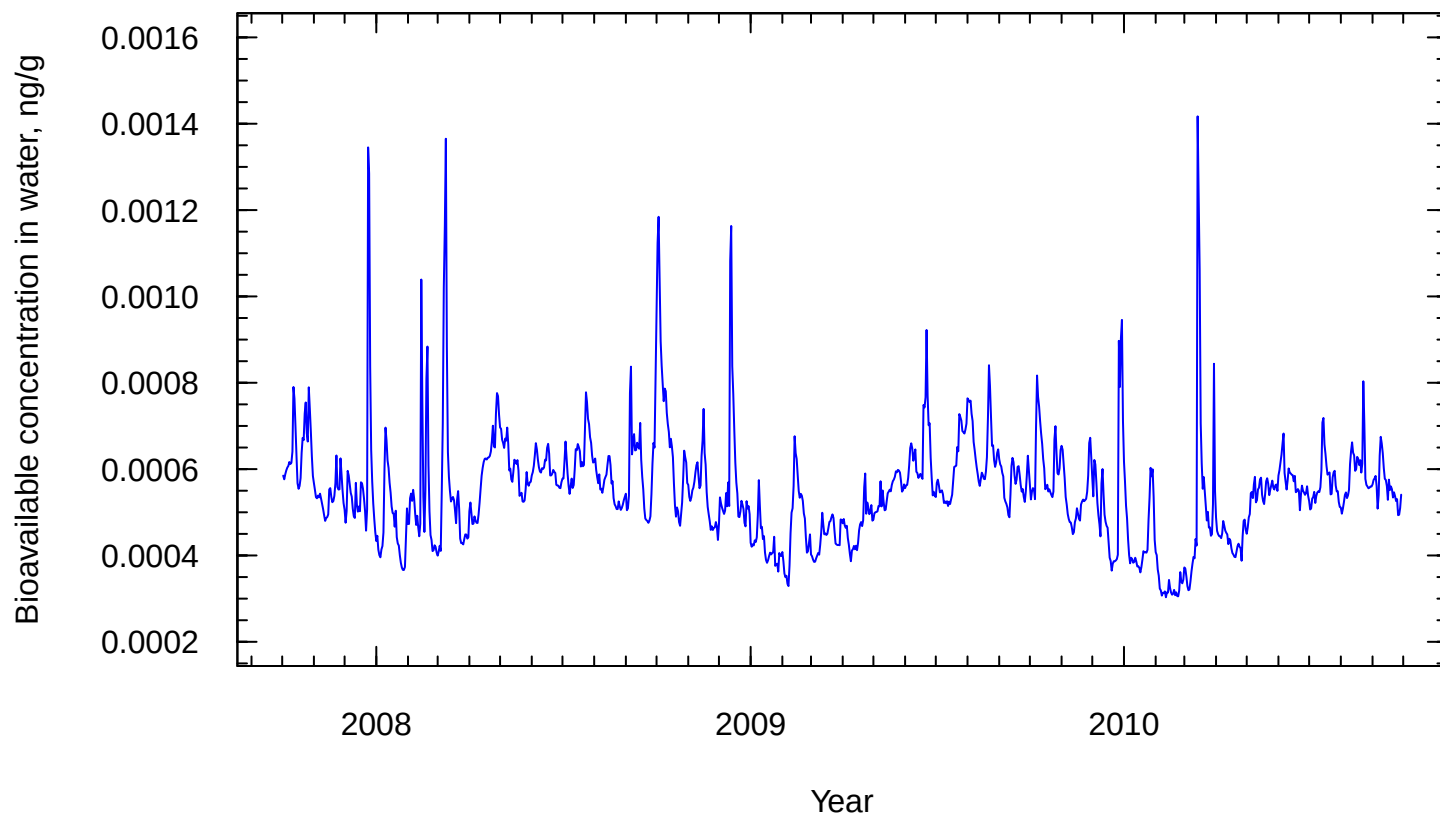
2378-TCDD, CWB in RM 0-6 mudflat only



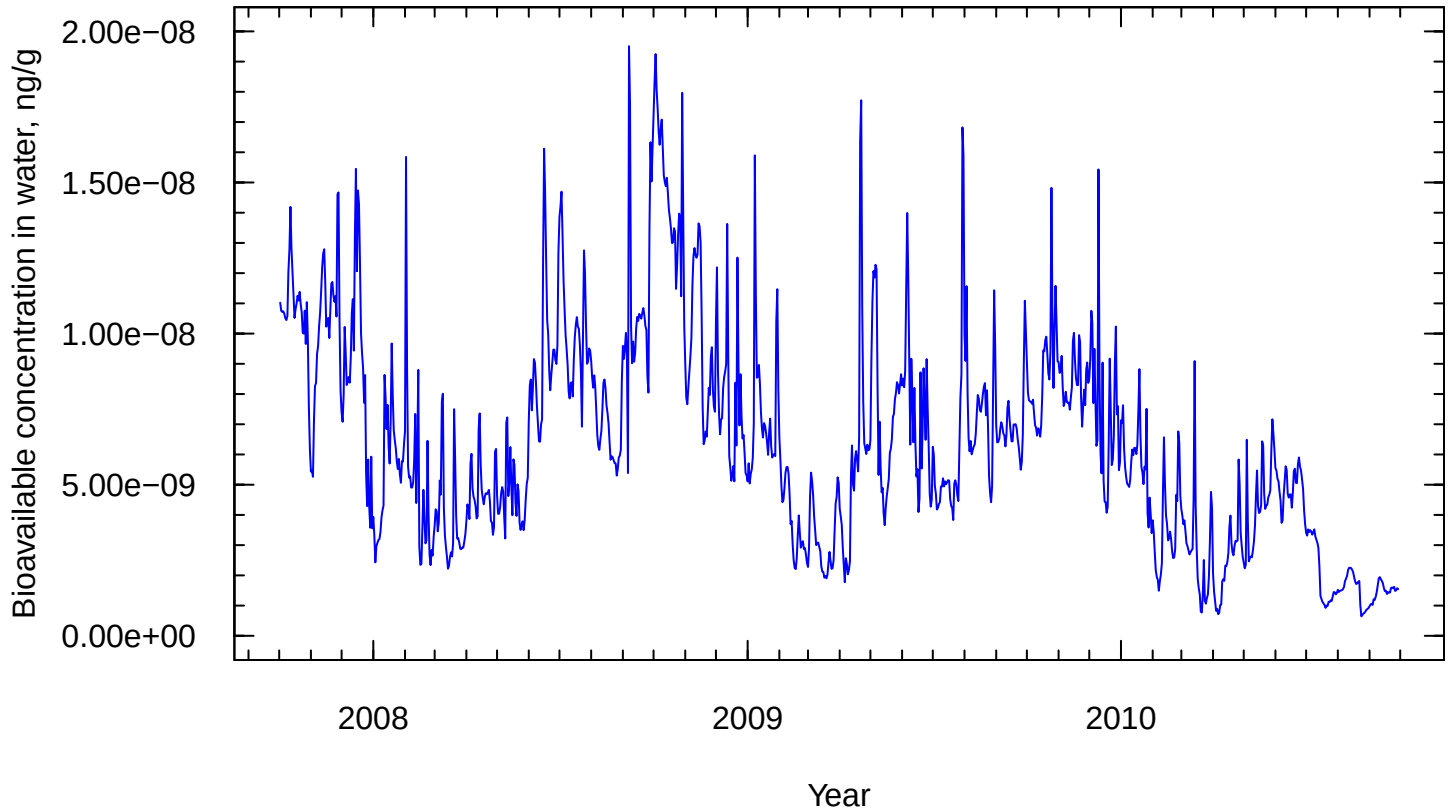
TetraCB, CWB in RM 0–6 whole river



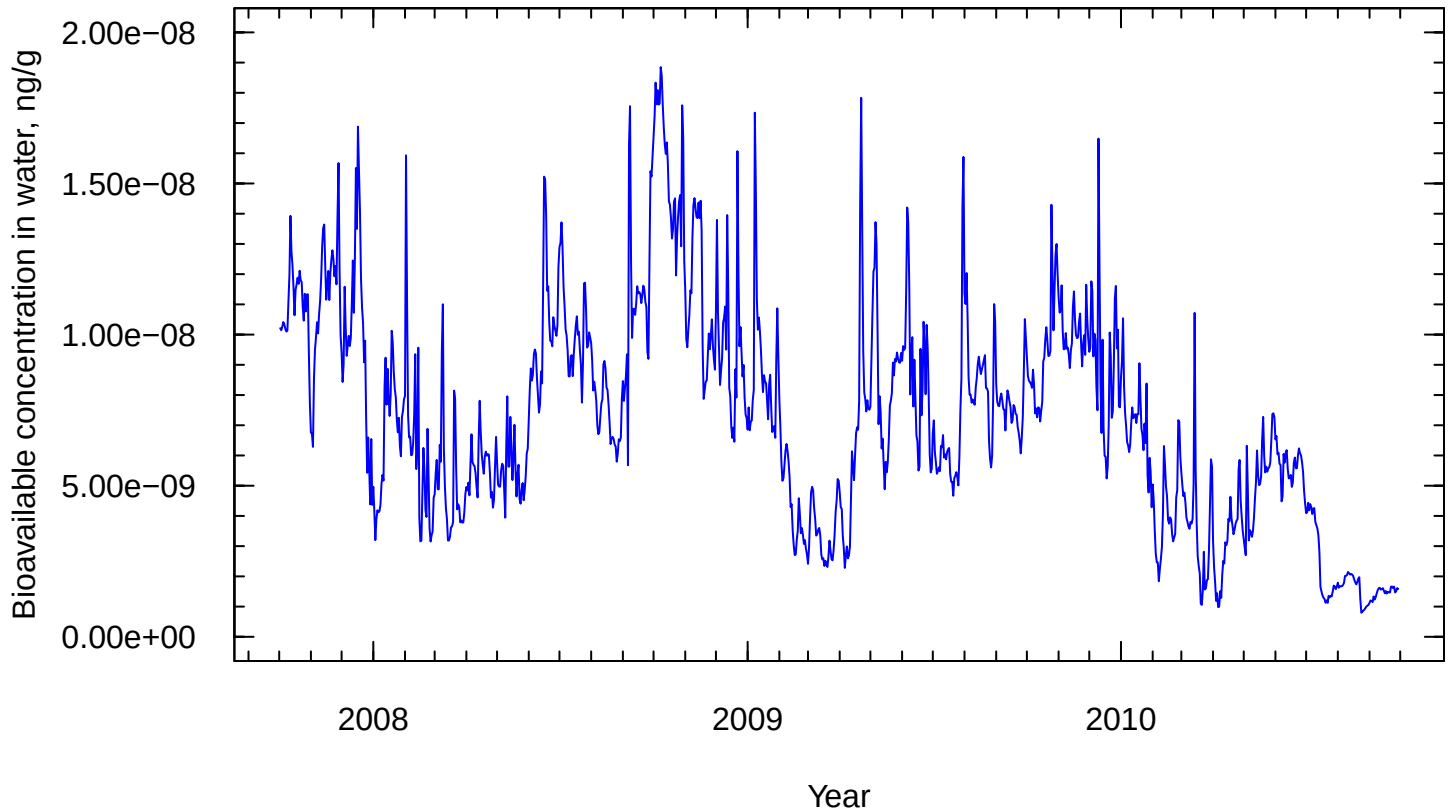
TetraCB, CWB in RM 0–6 mudflat only



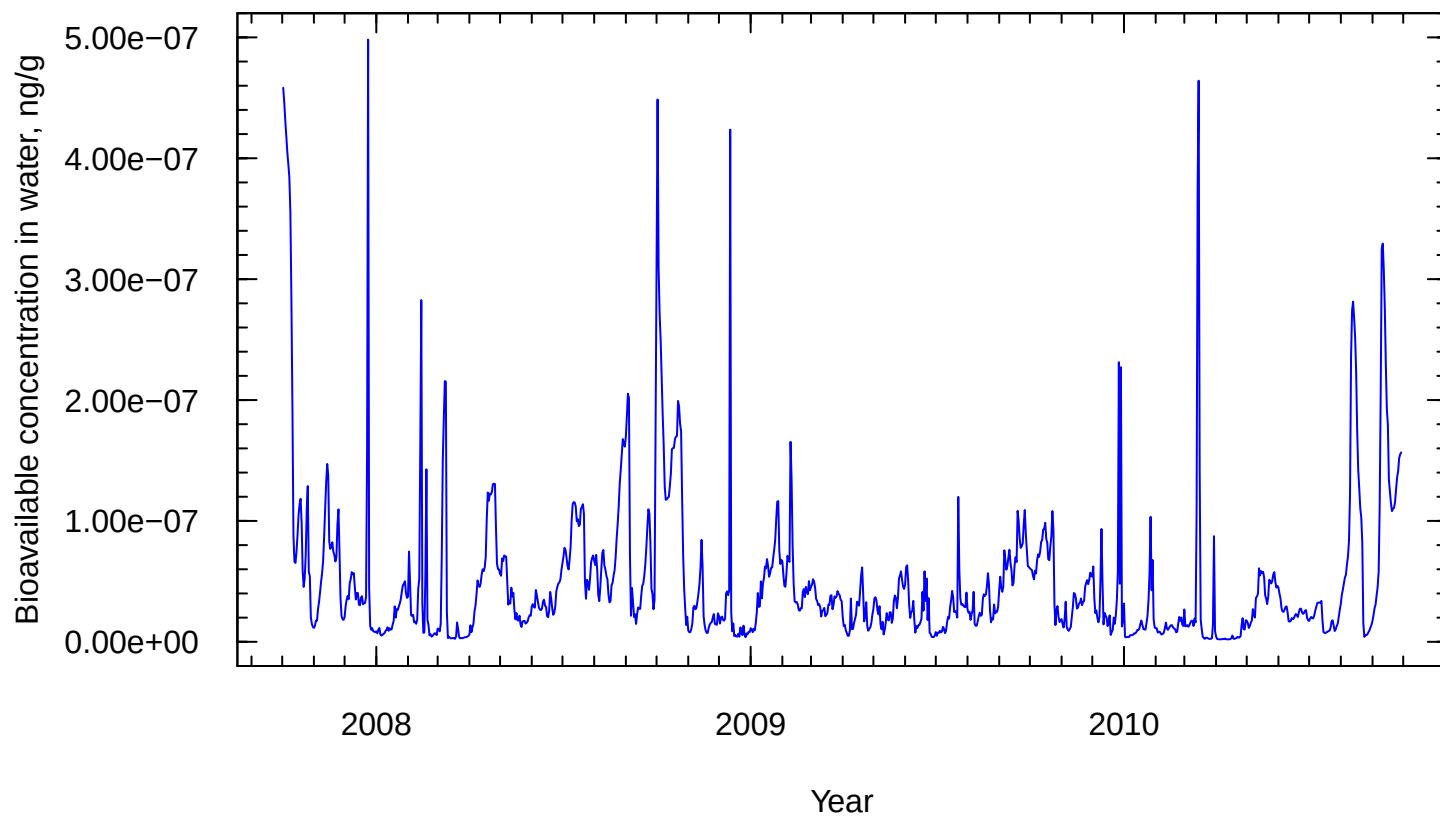
1234678–HpCDF, CWB in RM 0–6 whole river



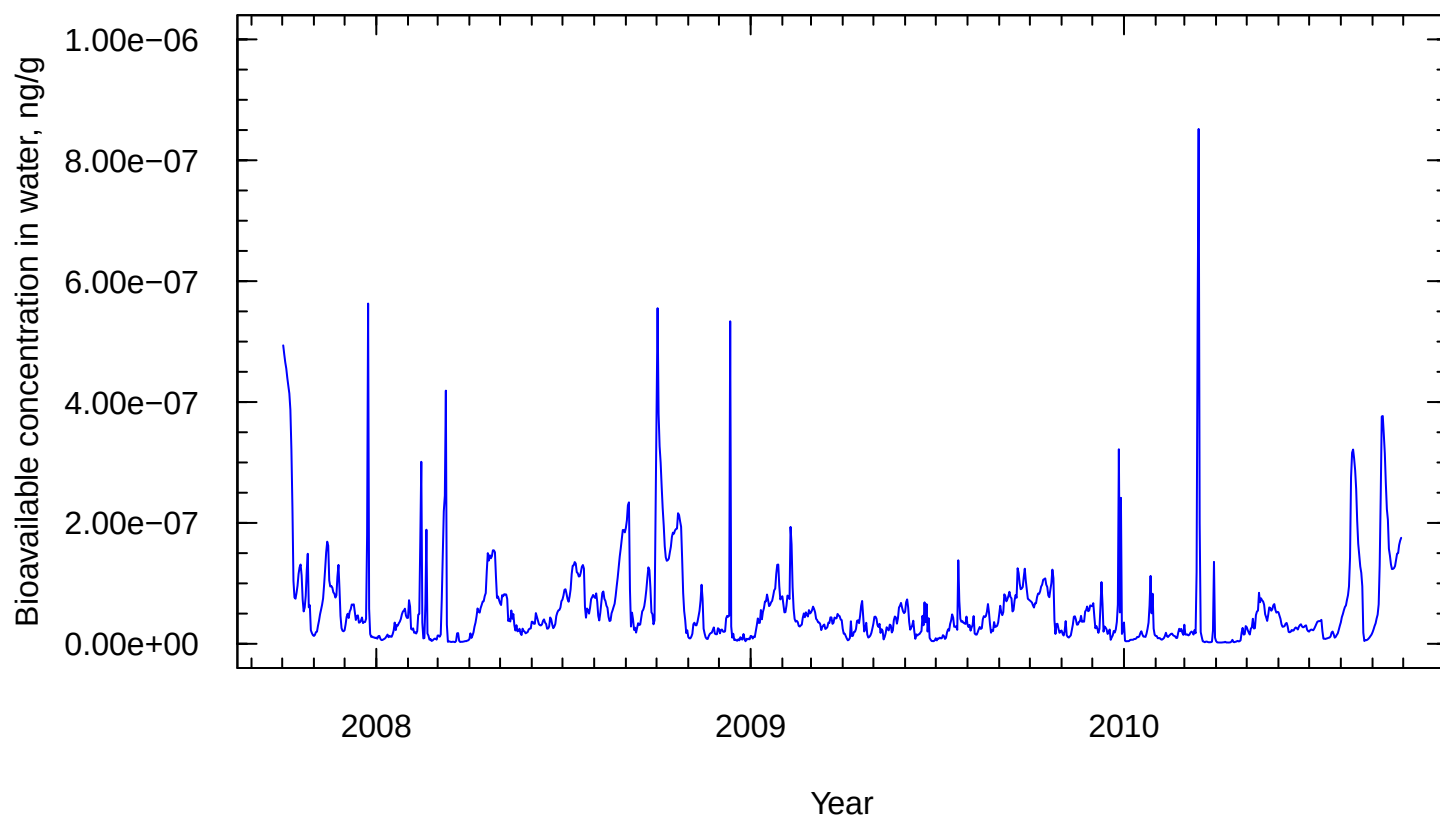
1234678–HpCDF, CWB in RM 0–6 mudflat only



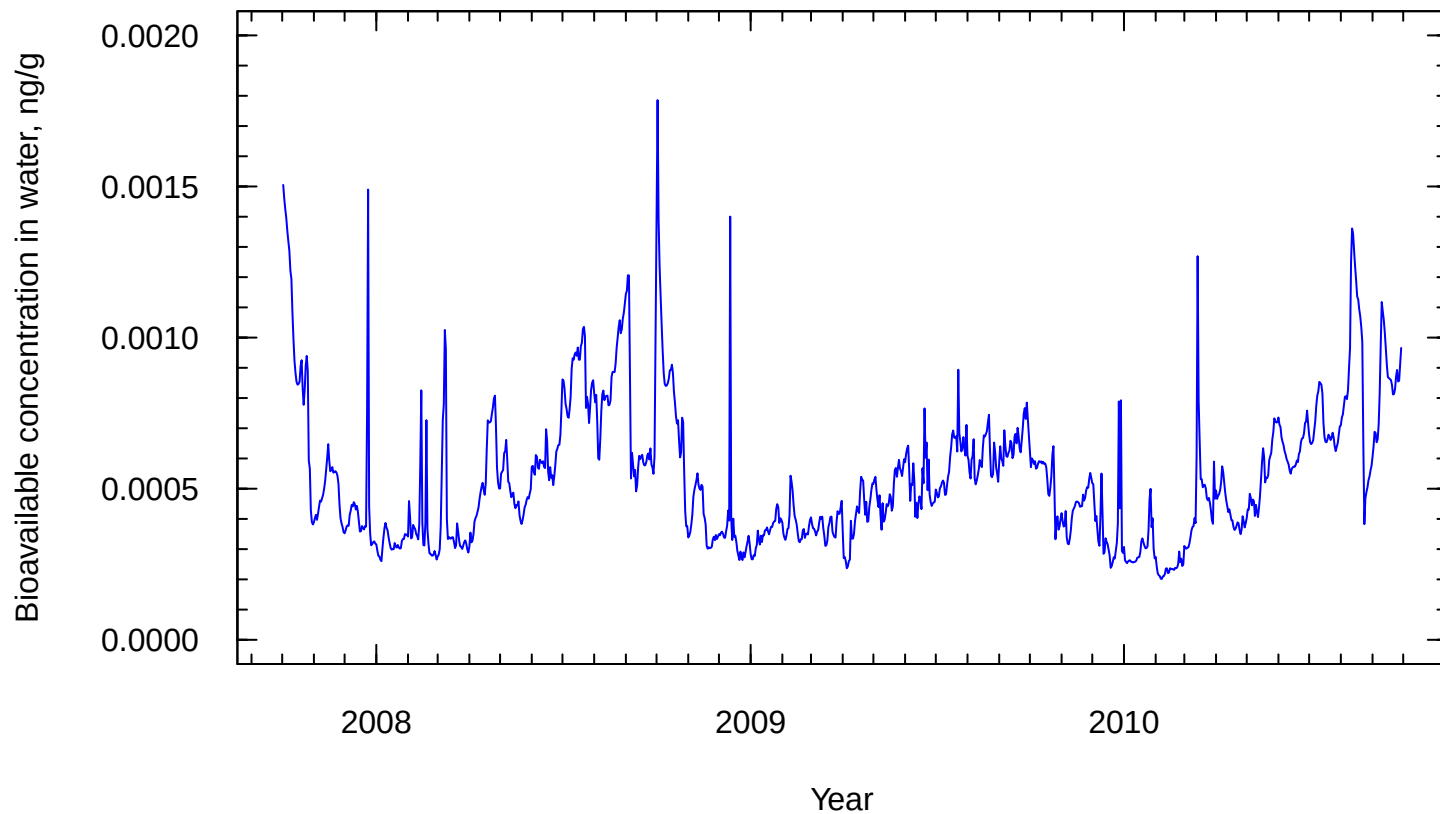
2378-TCDD, CWB in RM 6–14.7 whole river



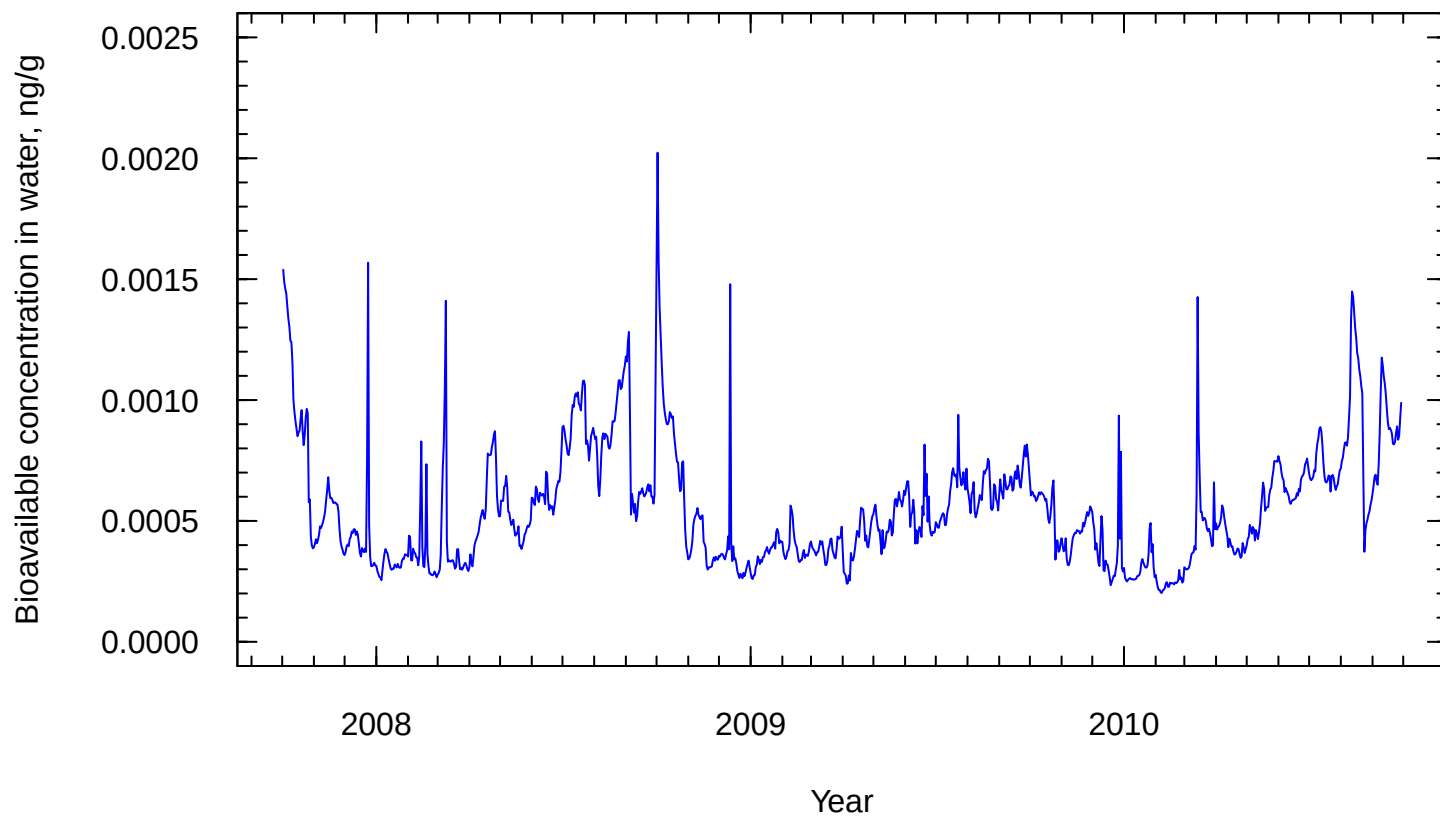
2378-TCDD, CWB in RM 6–14.7 mudflat only



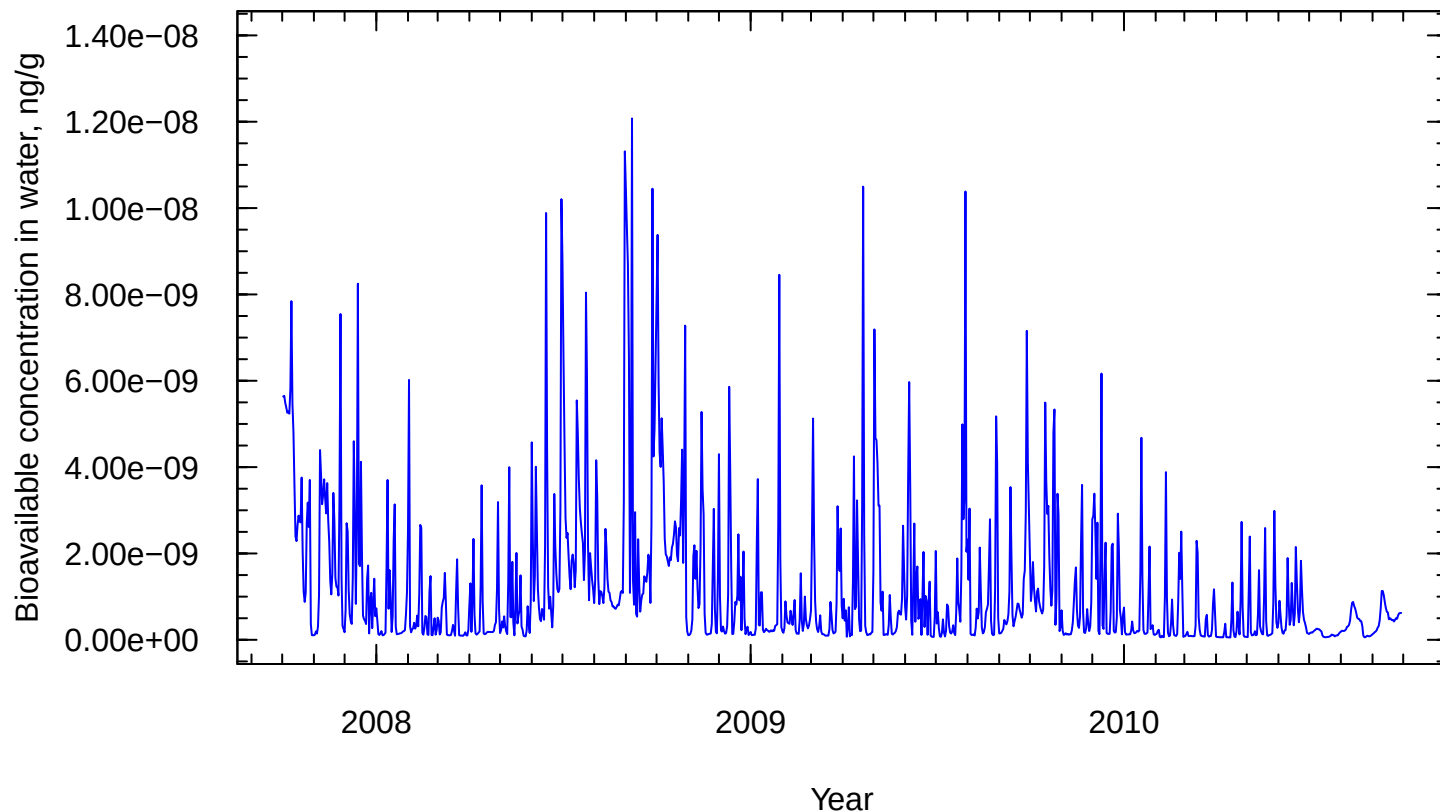
TetraCB, CWB in RM 6–14.7 whole river



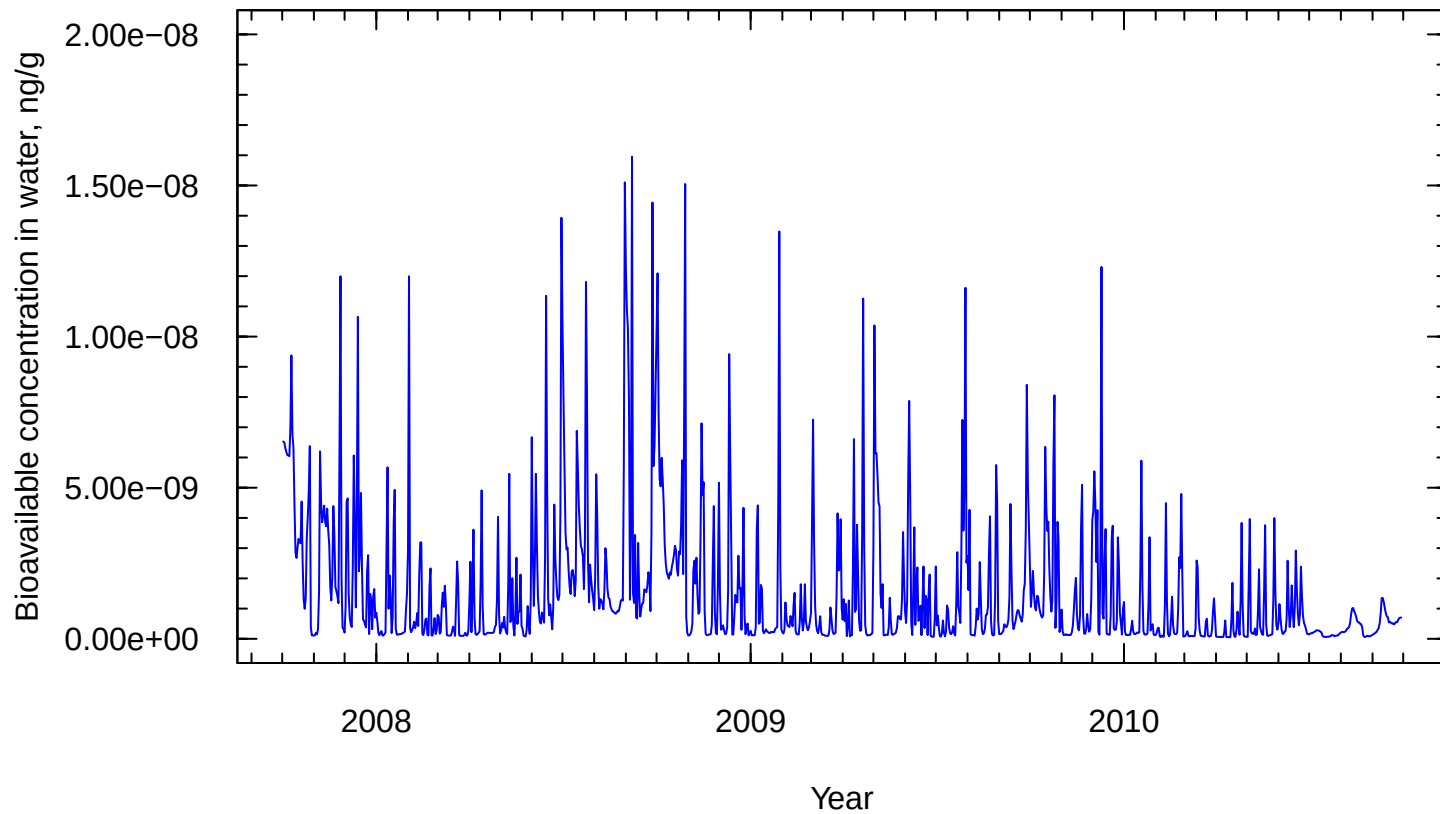
TetraCB, CWB in RM 6–14.7 mudflat only



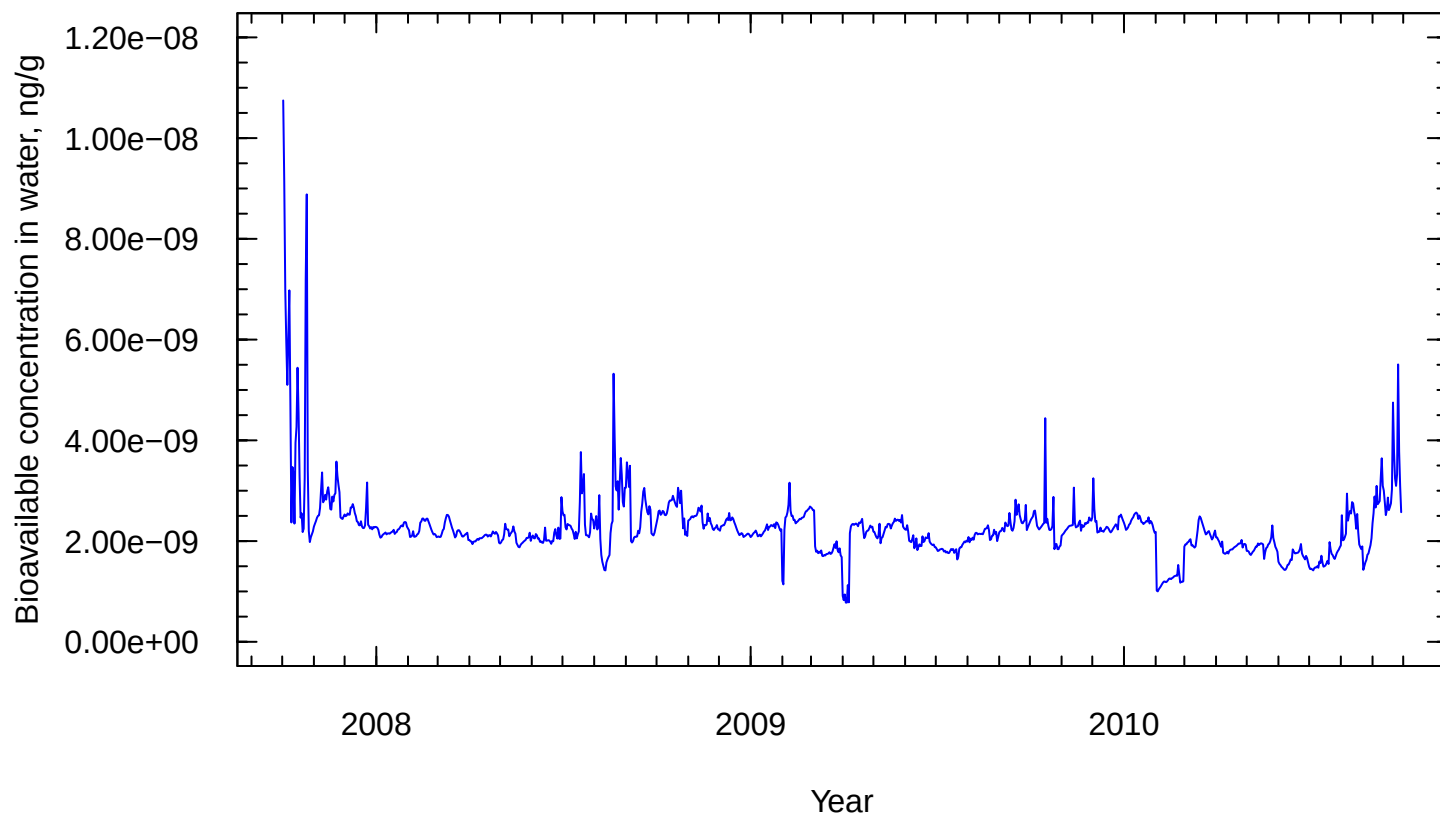
1234678-HpCDF, CWB in RM 6–14.7 whole river



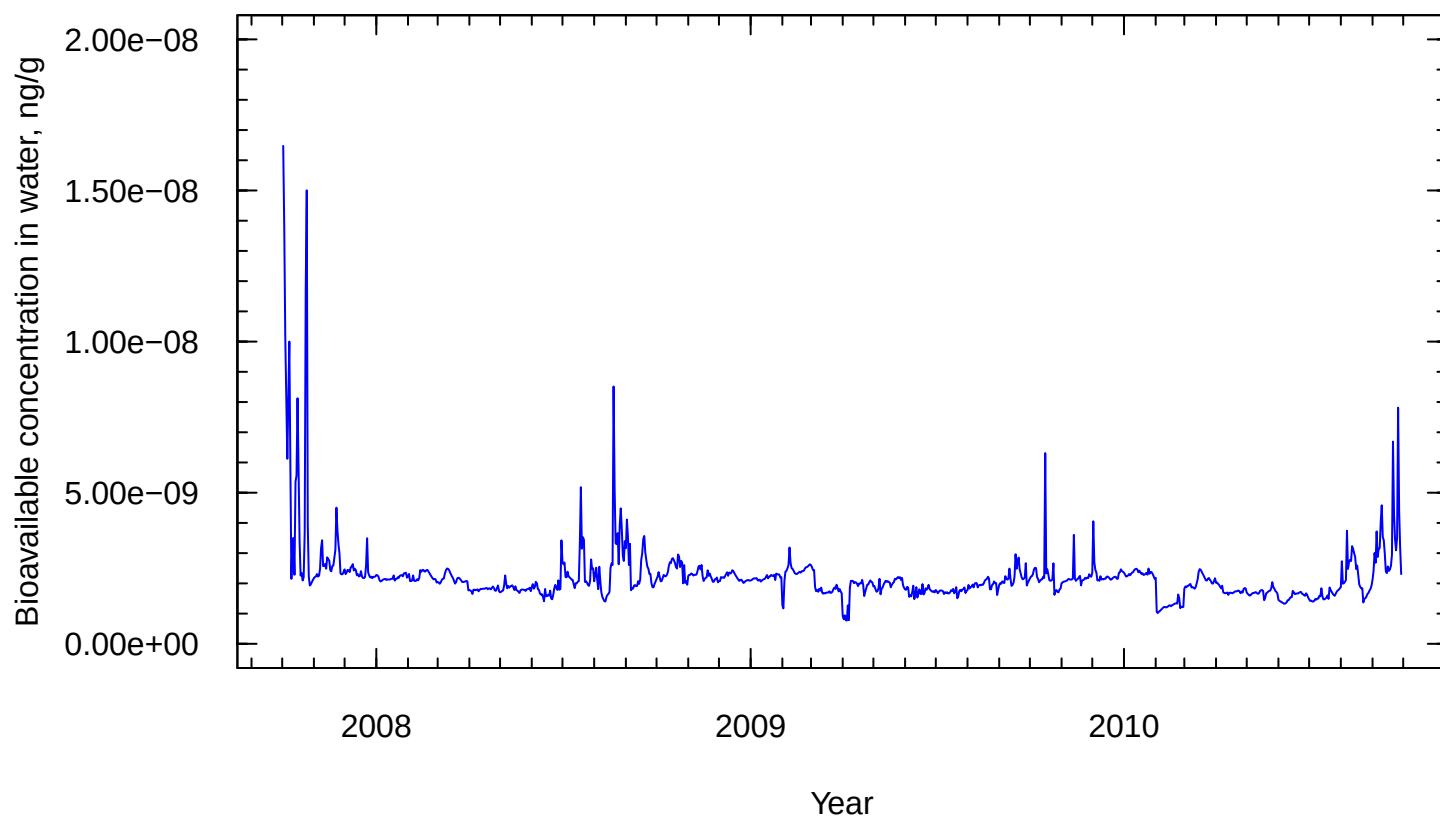
1234678-HpCDF, CWB in RM 6–14.7 mudflat only



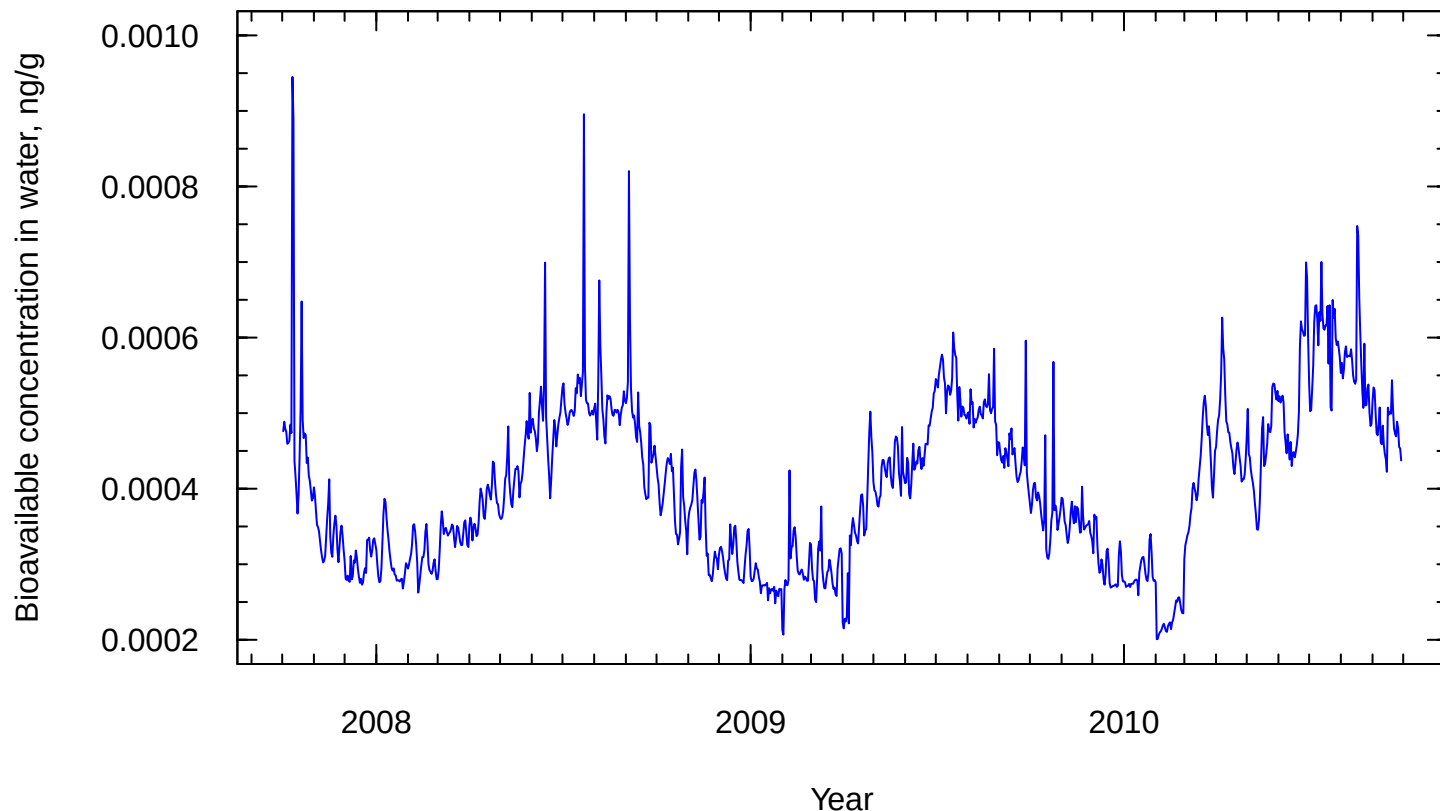
2378-TCDD, CWB in RM 14.7-Dam whole river



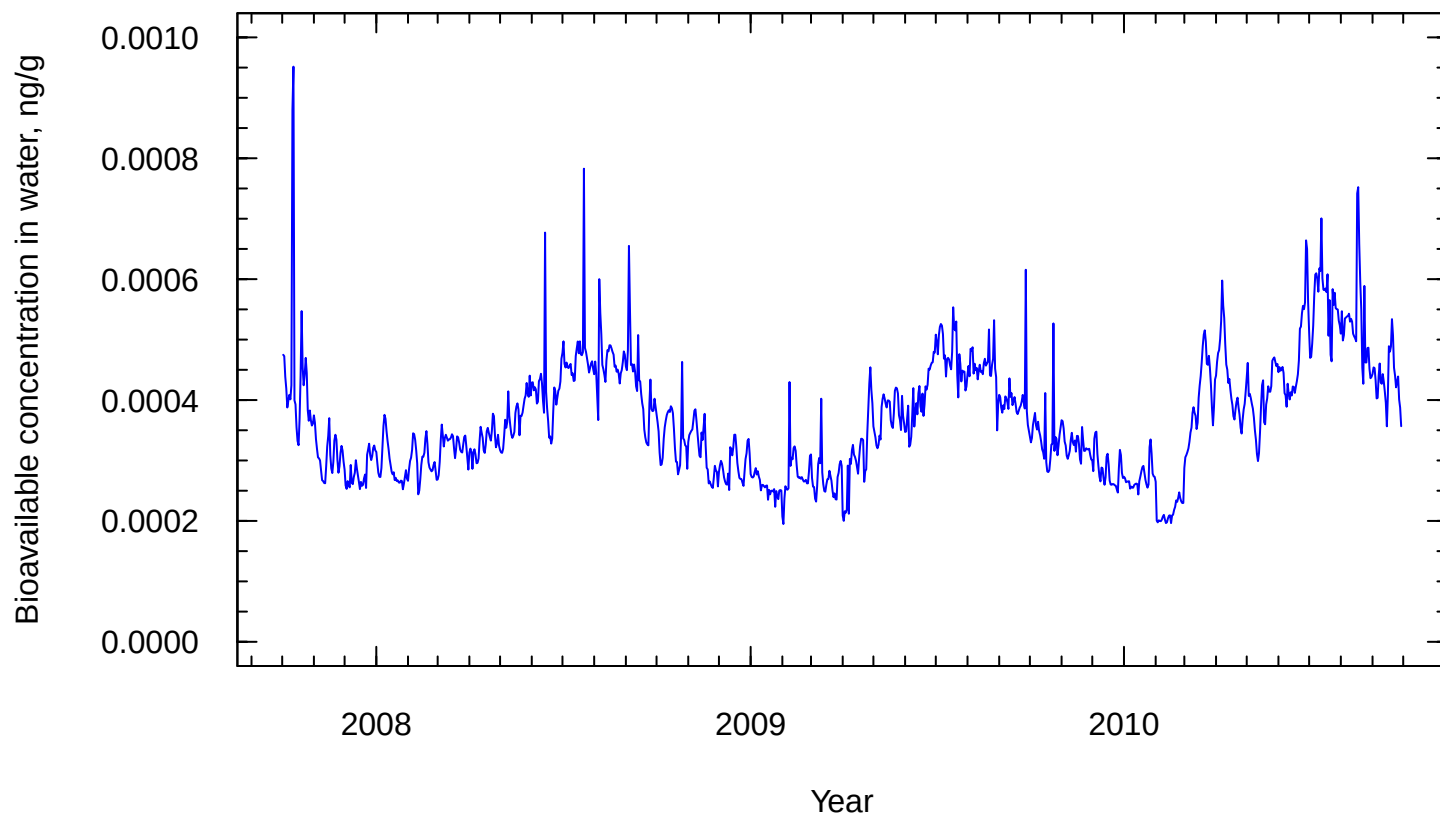
2378-TCDD, CWB in RM 14.7-Dam mudflat only



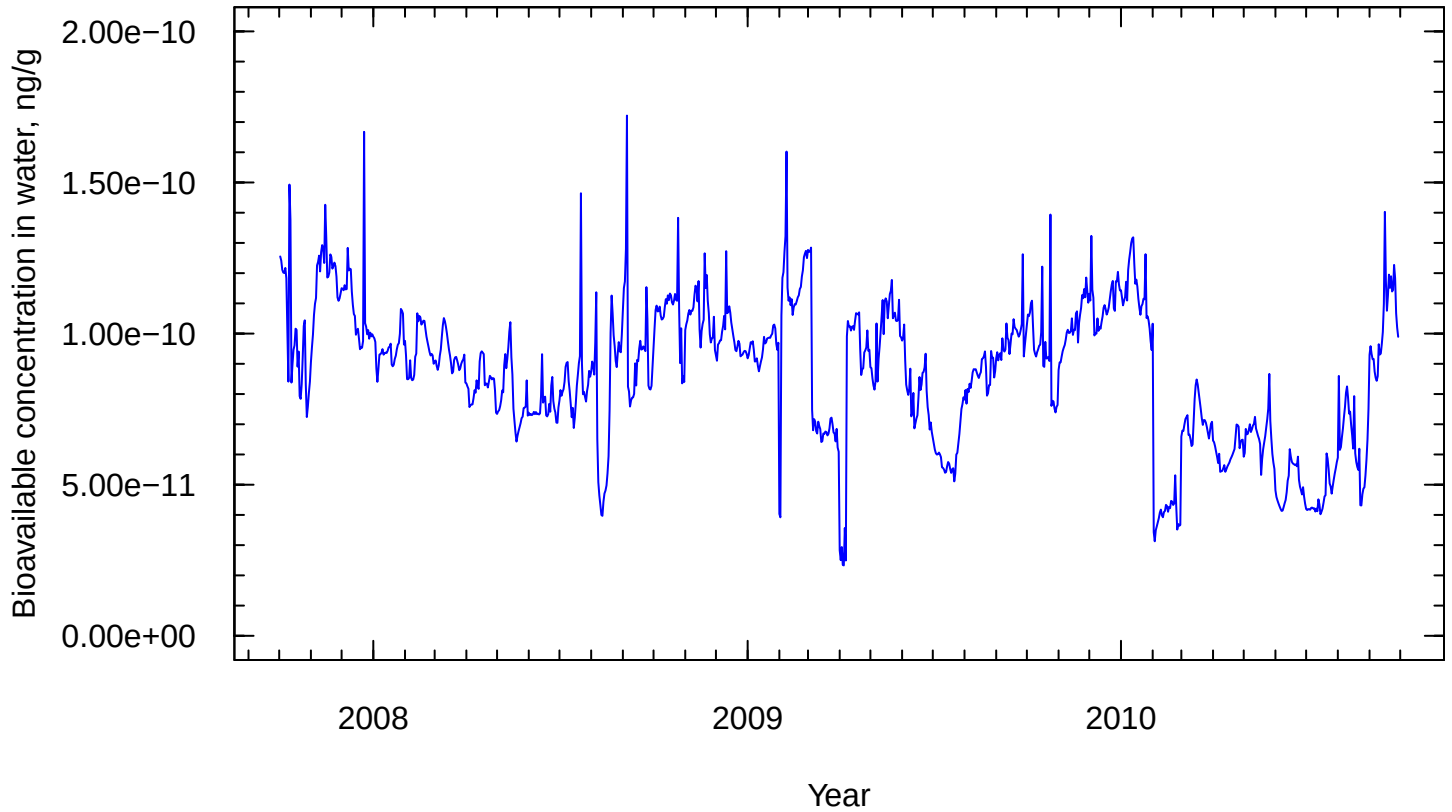
TetraCB, CWB in RM 14.7–Dam whole river



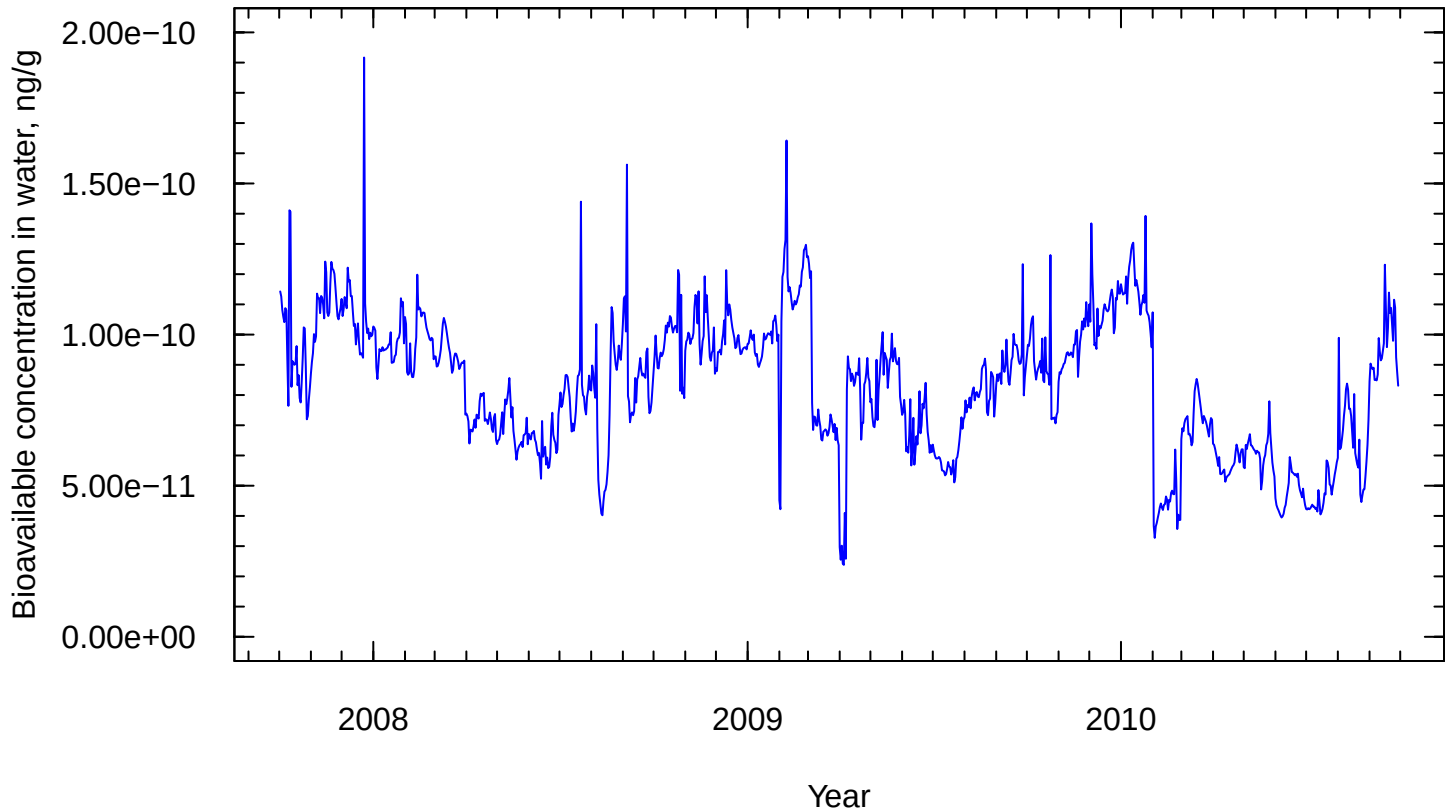
TetraCB, CWB in RM 14.7–Dam mudflat only



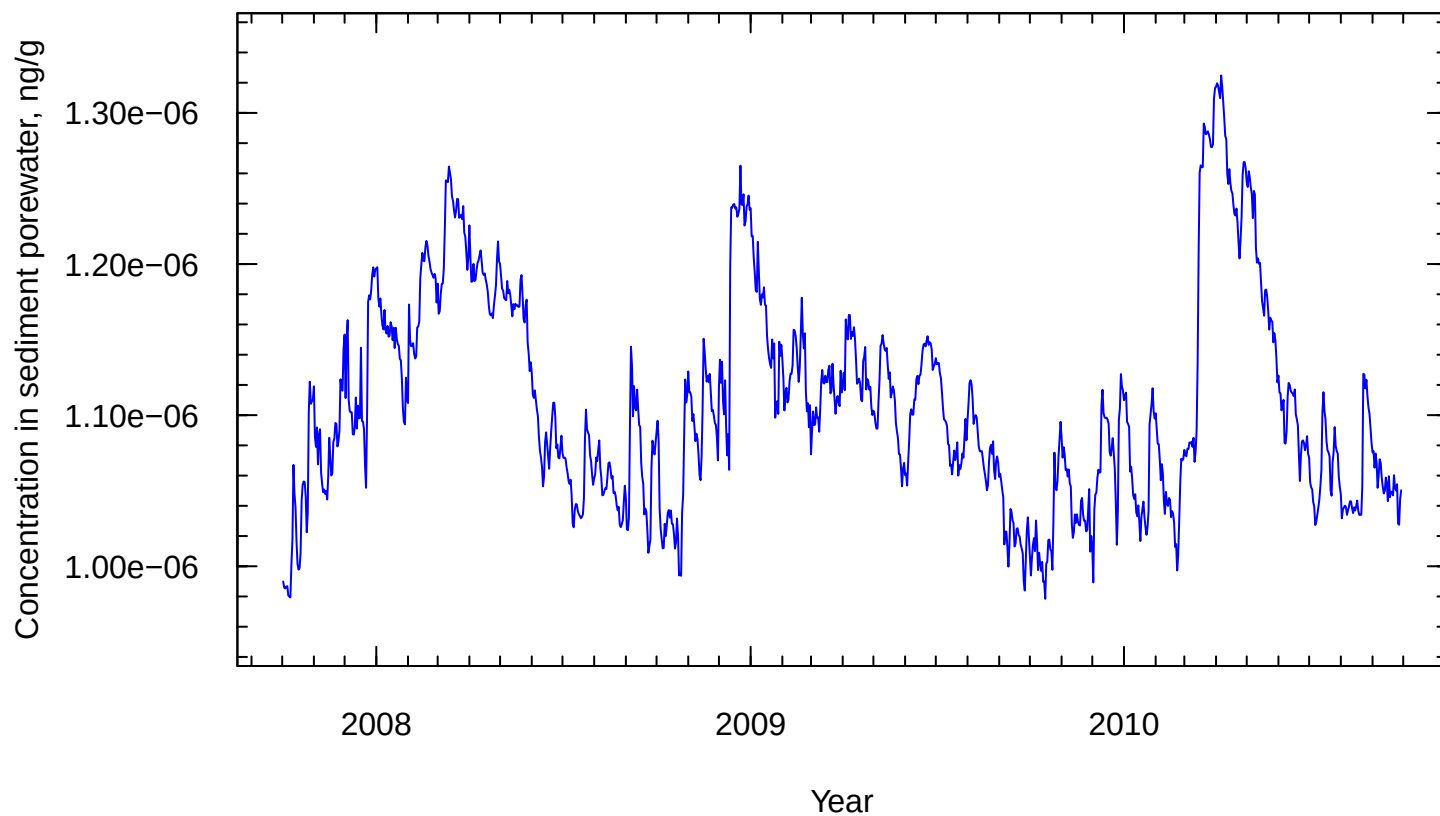
1234678-HpCDF, CWB in RM 14.7-Dam whole river



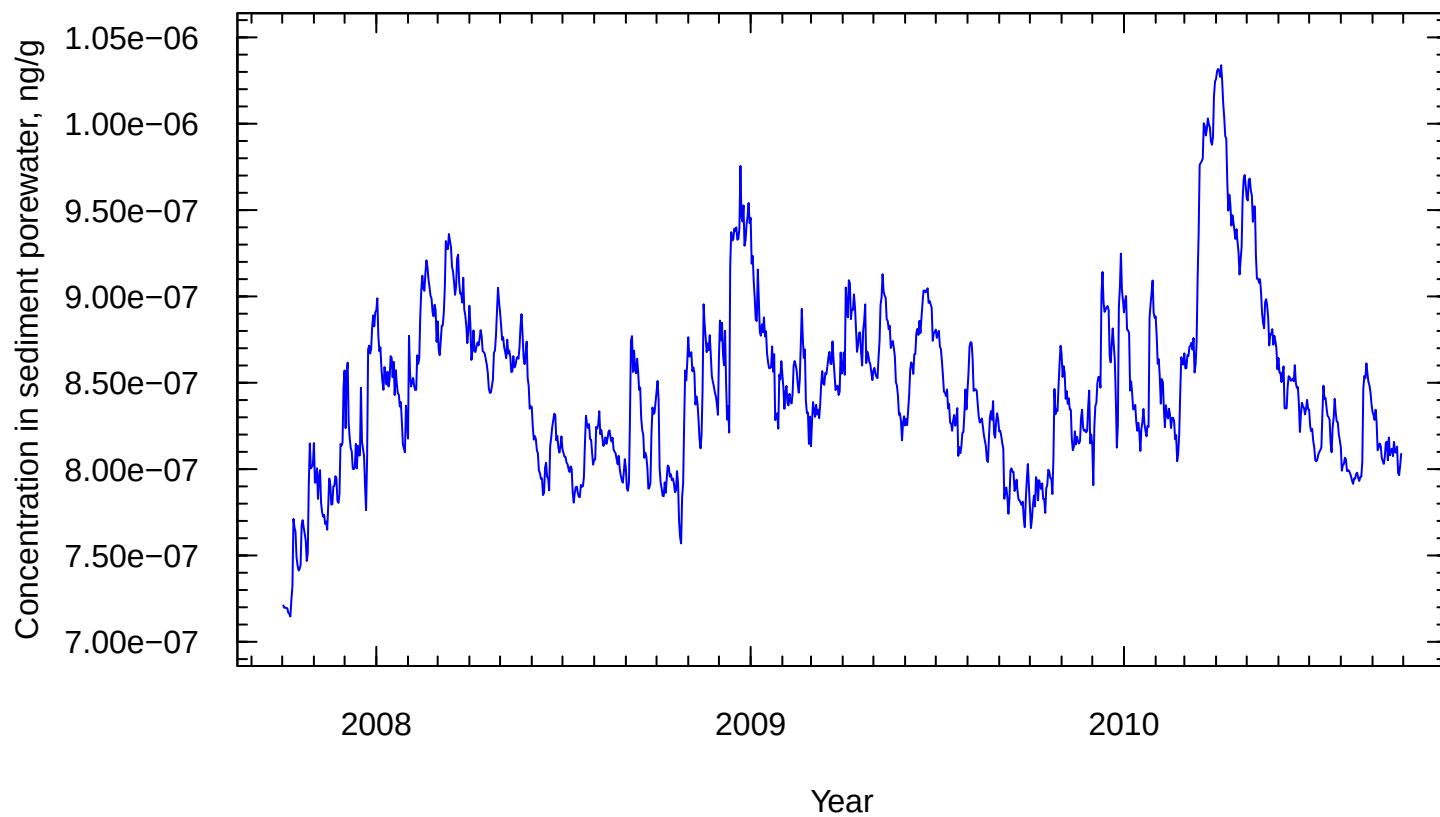
1234678-HpCDF, CWB in RM 14.7-Dam mudflat only



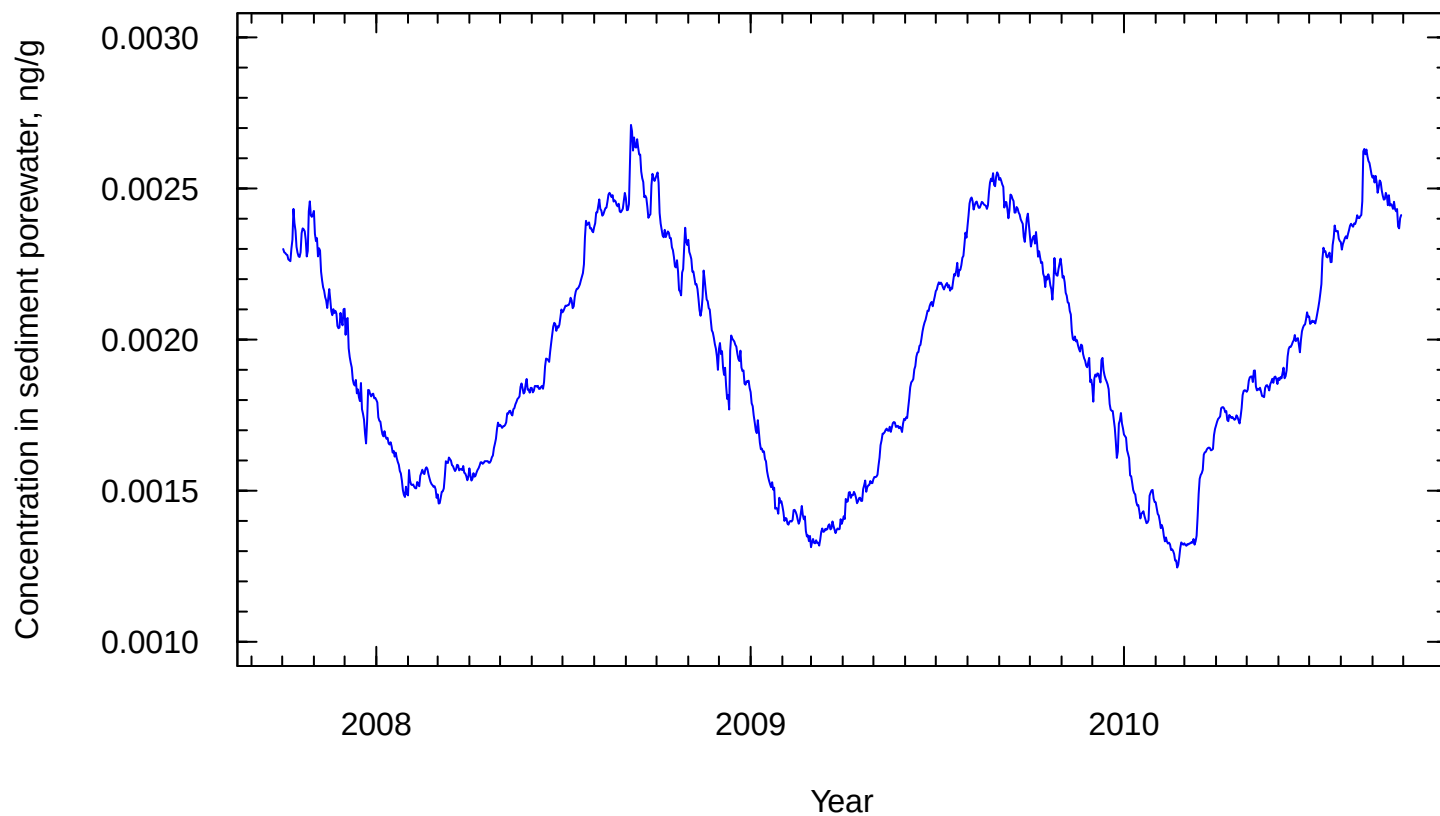
2378-TCDD, CSD in RM 0-6 whole river



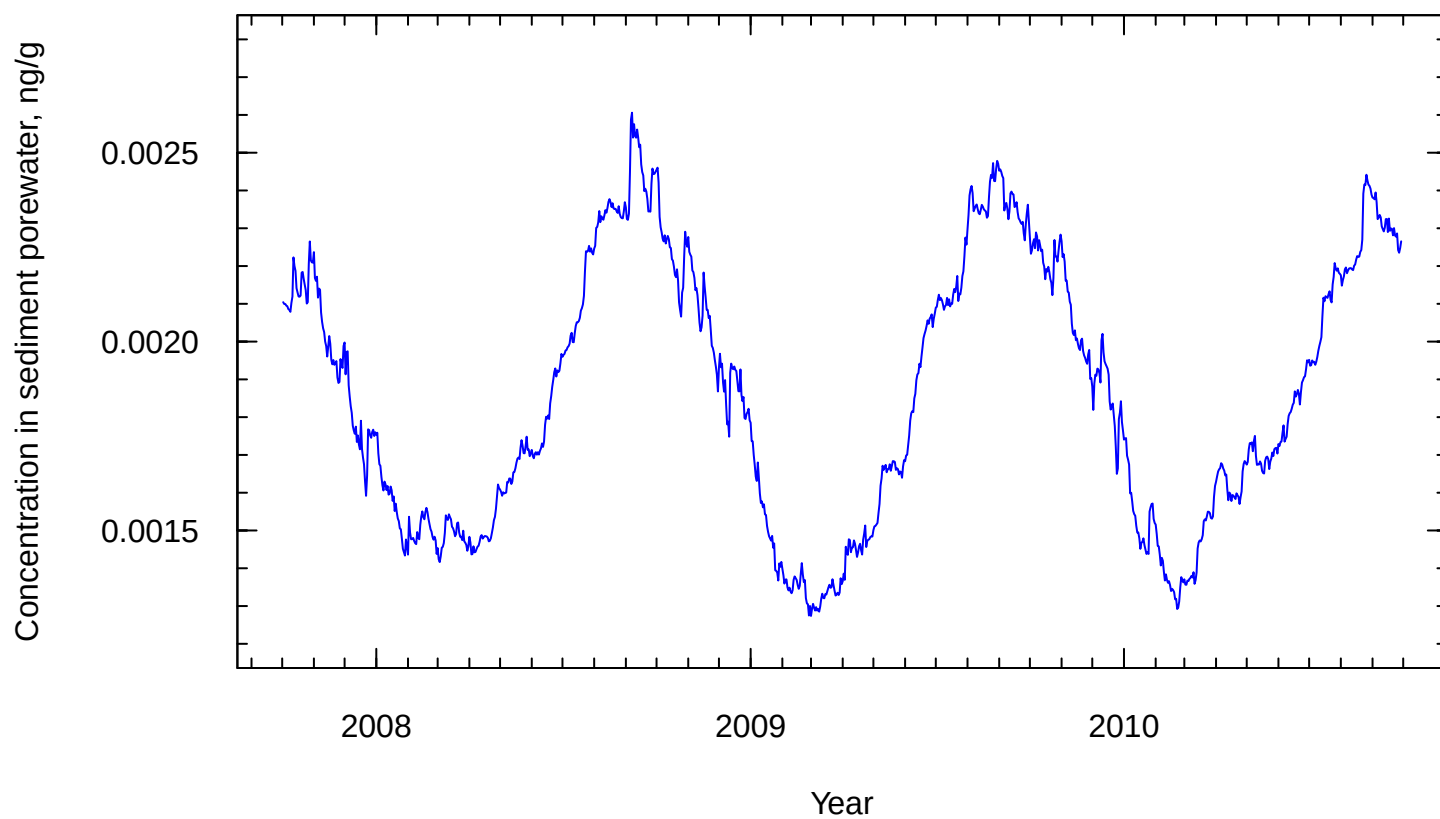
2378-TCDD, CSD in RM 0-6 mudflat only



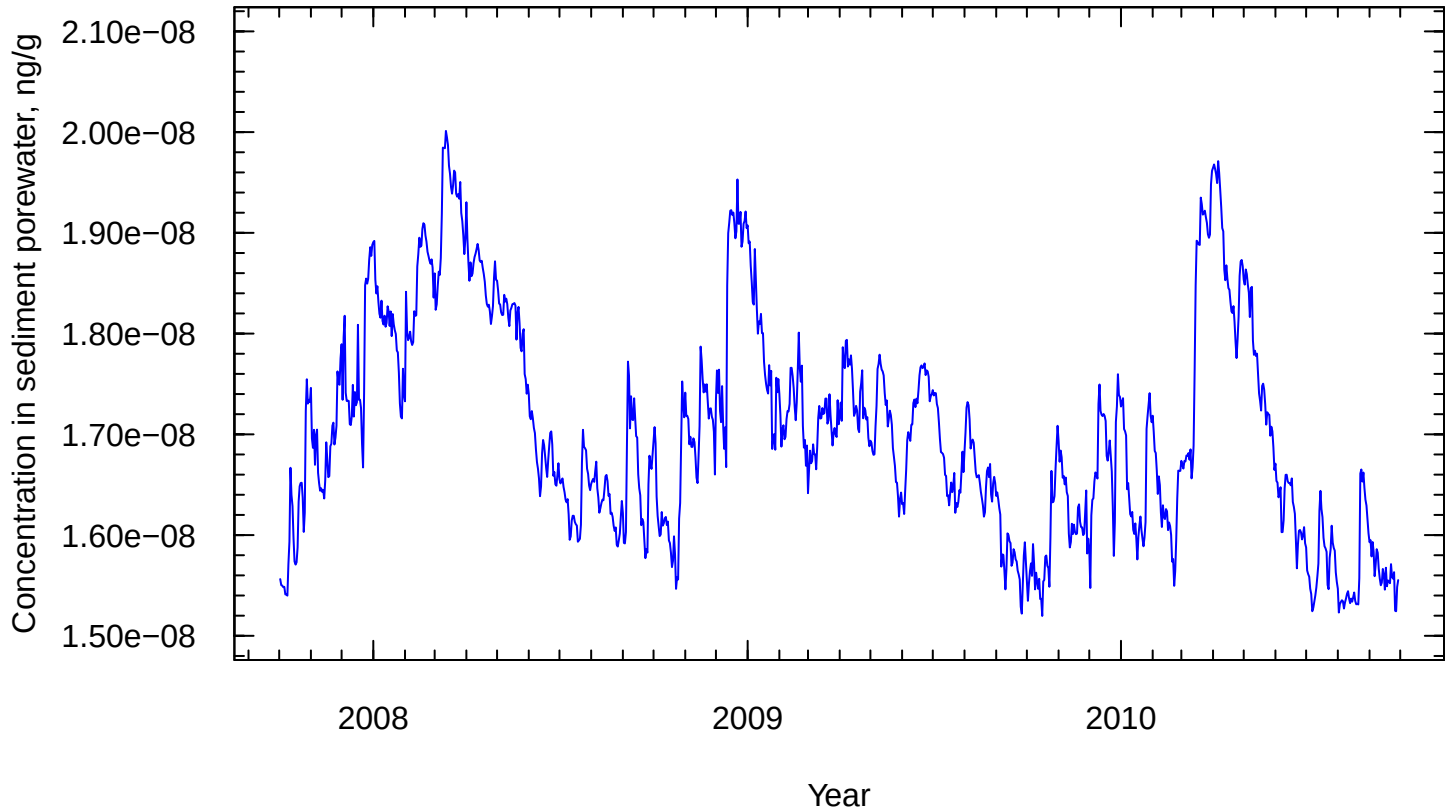
TetraCB, CSD in RM 0–6 whole river



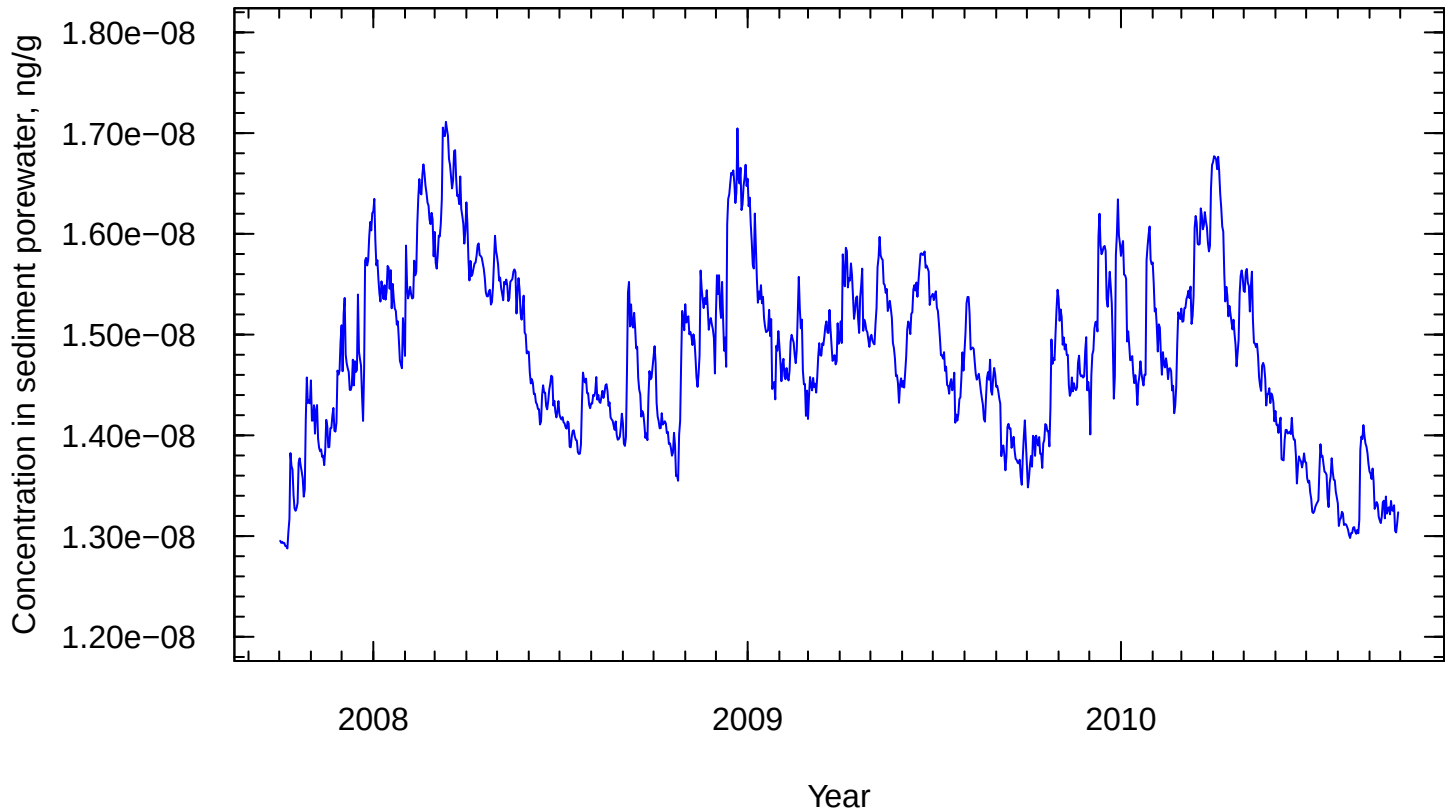
TetraCB, CSD in RM 0–6 mudflat only



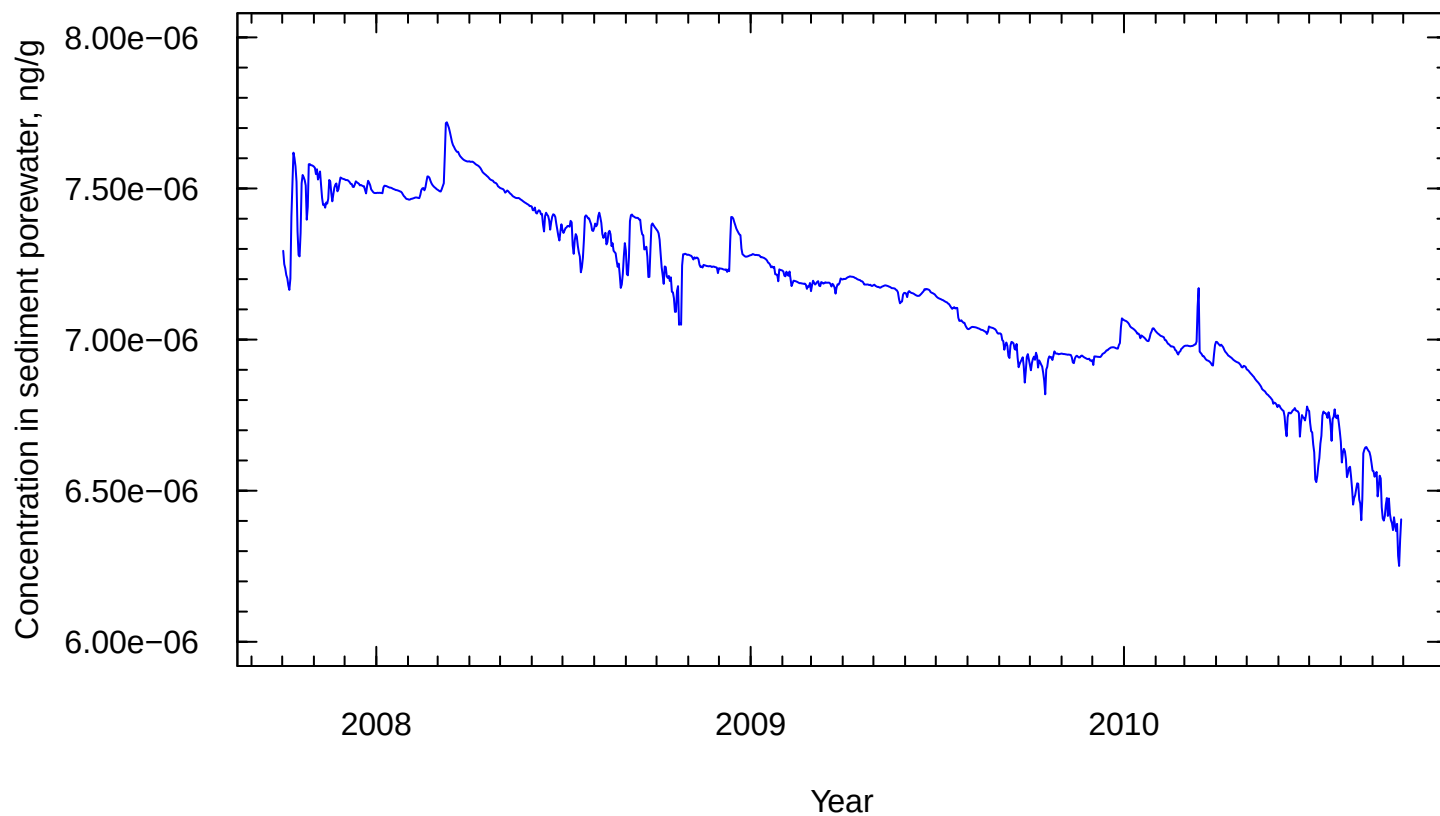
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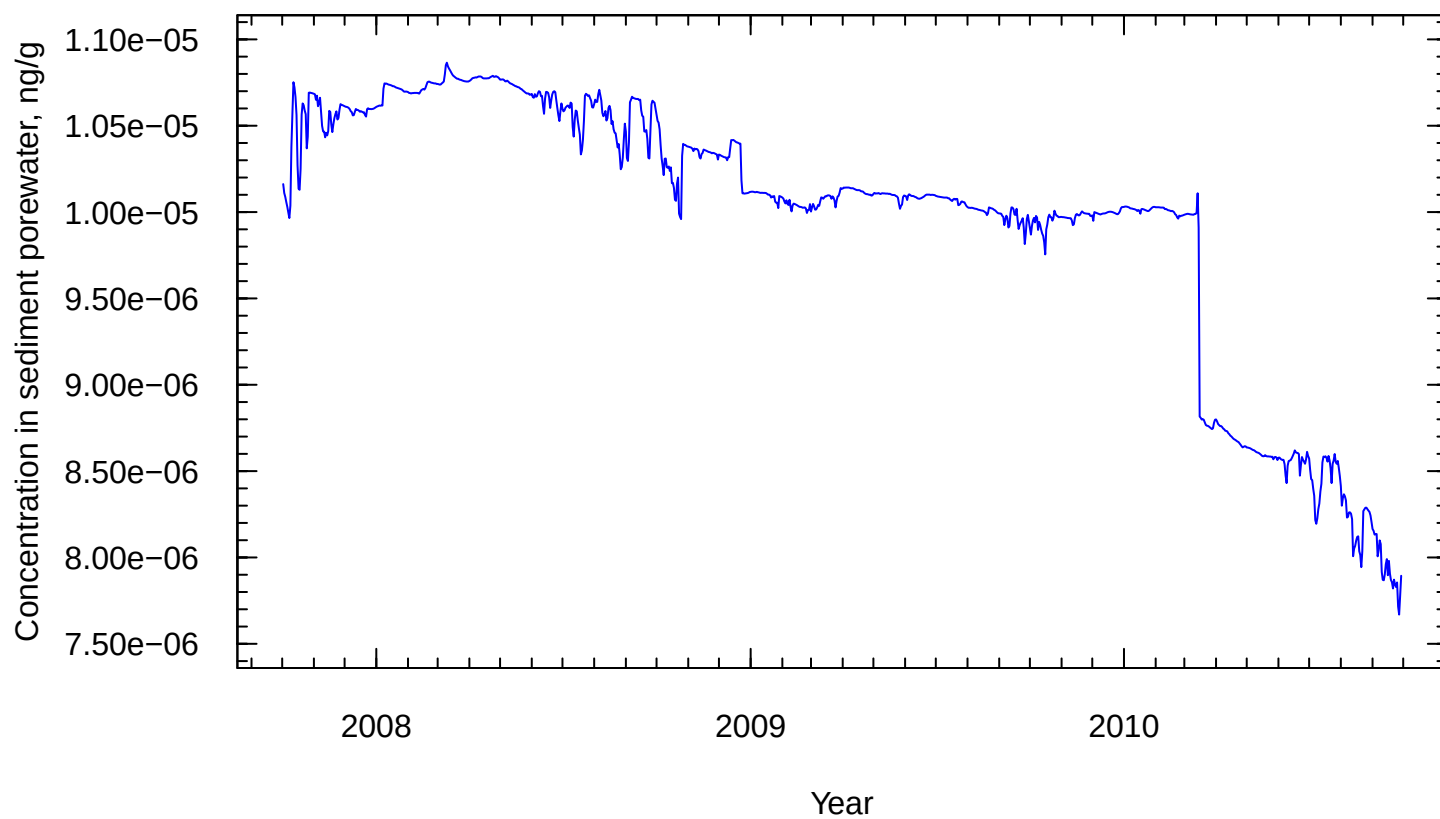
1234678-HpCDF, CSD in RM 0-6 mudflat only



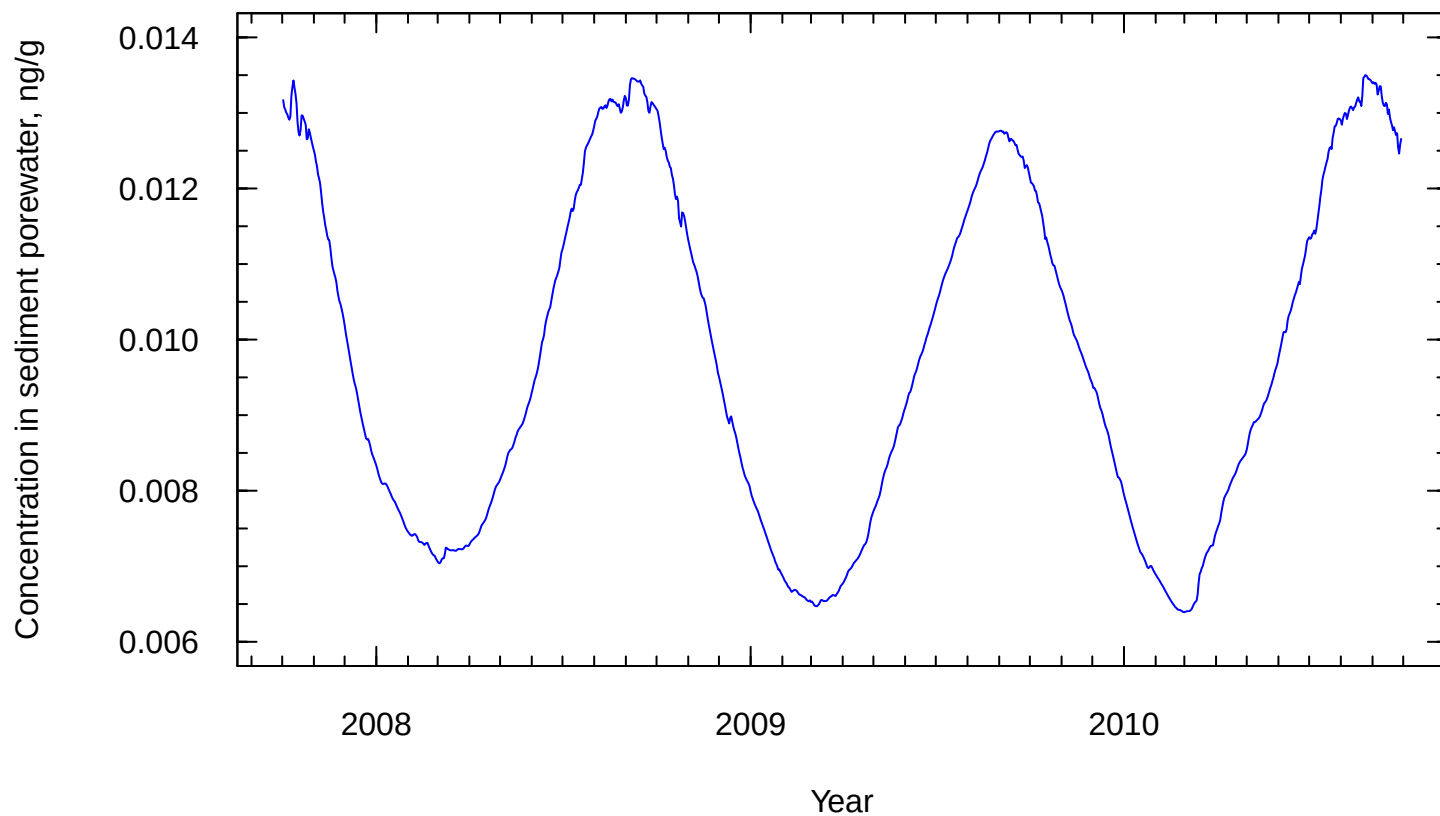
2378-TCDD, CSD in RM 6-14.7 whole river



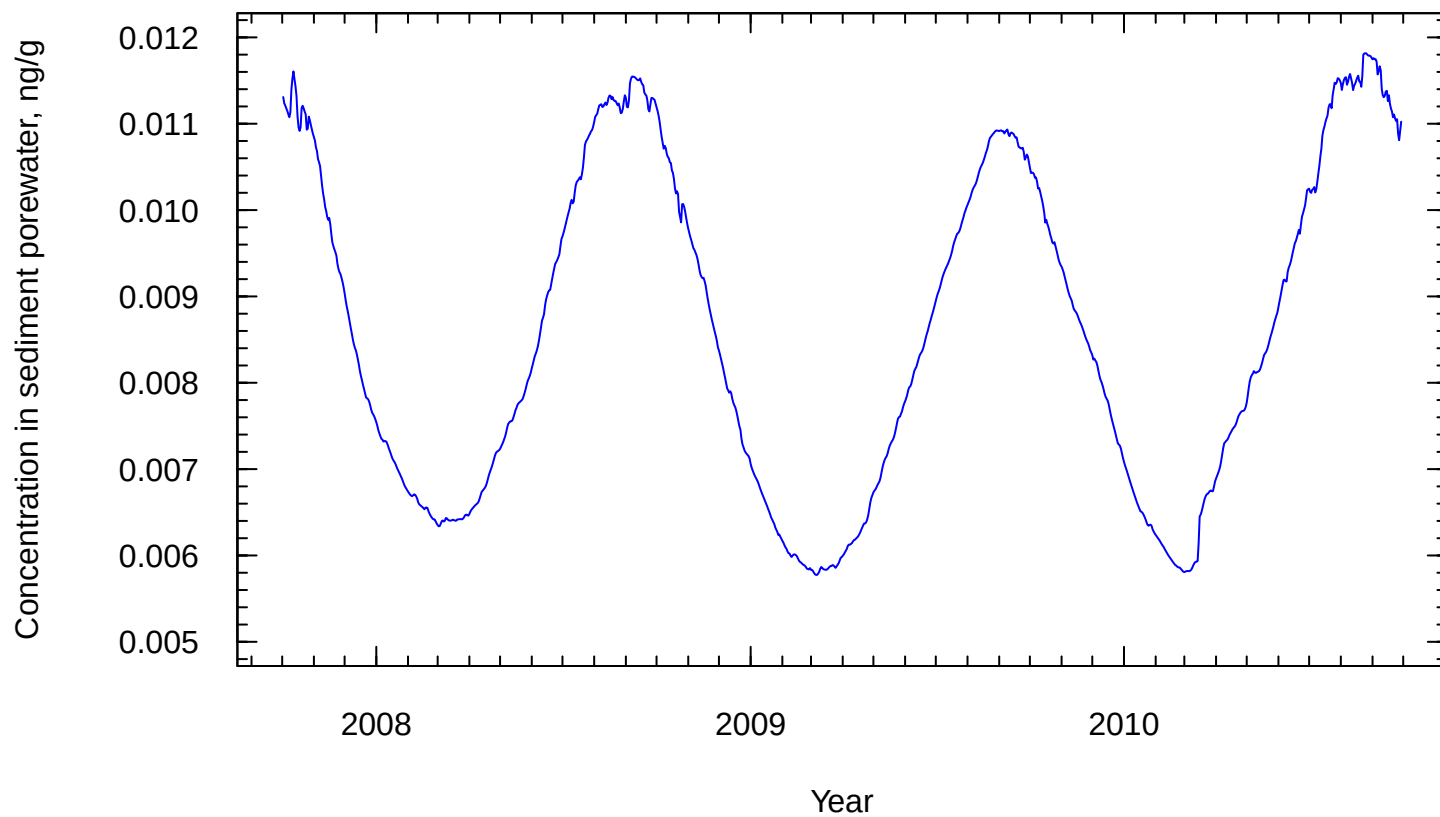
2378-TCDD, CSD in RM 6-14.7 mudflat only



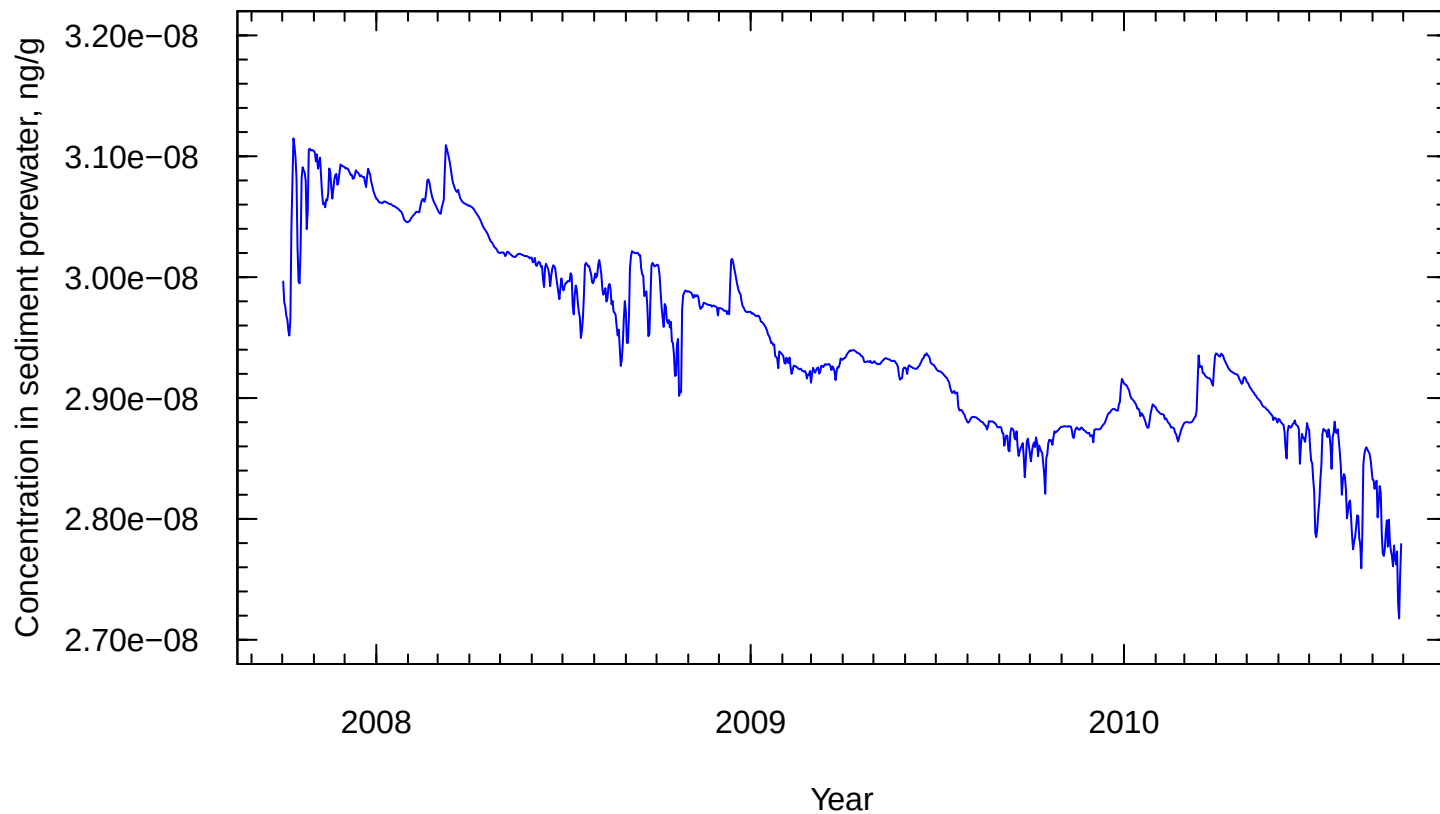
TetraCB, CSD in RM 6–14.7 whole river



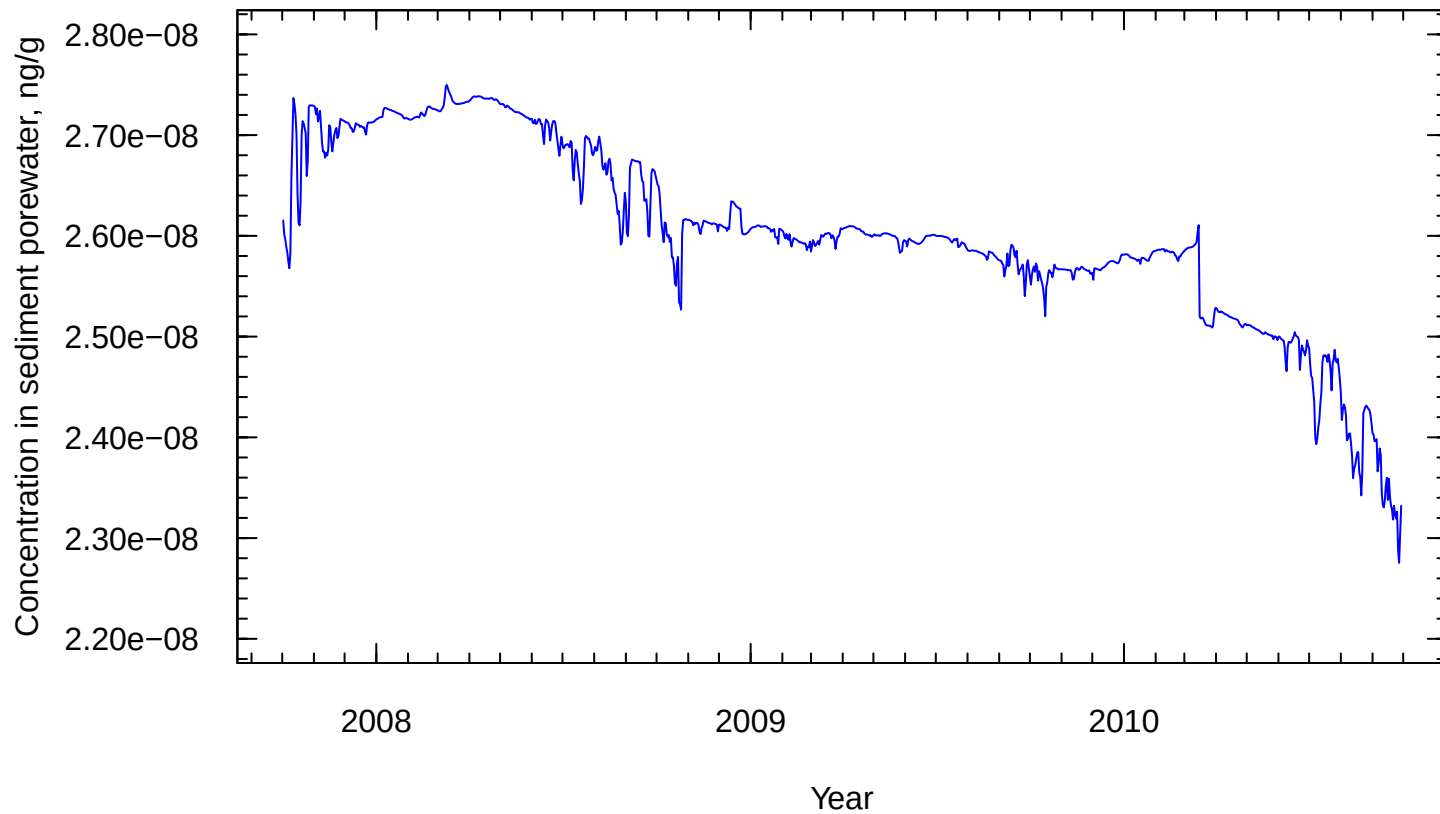
TetraCB, CSD in RM 6–14.7 mudflat only



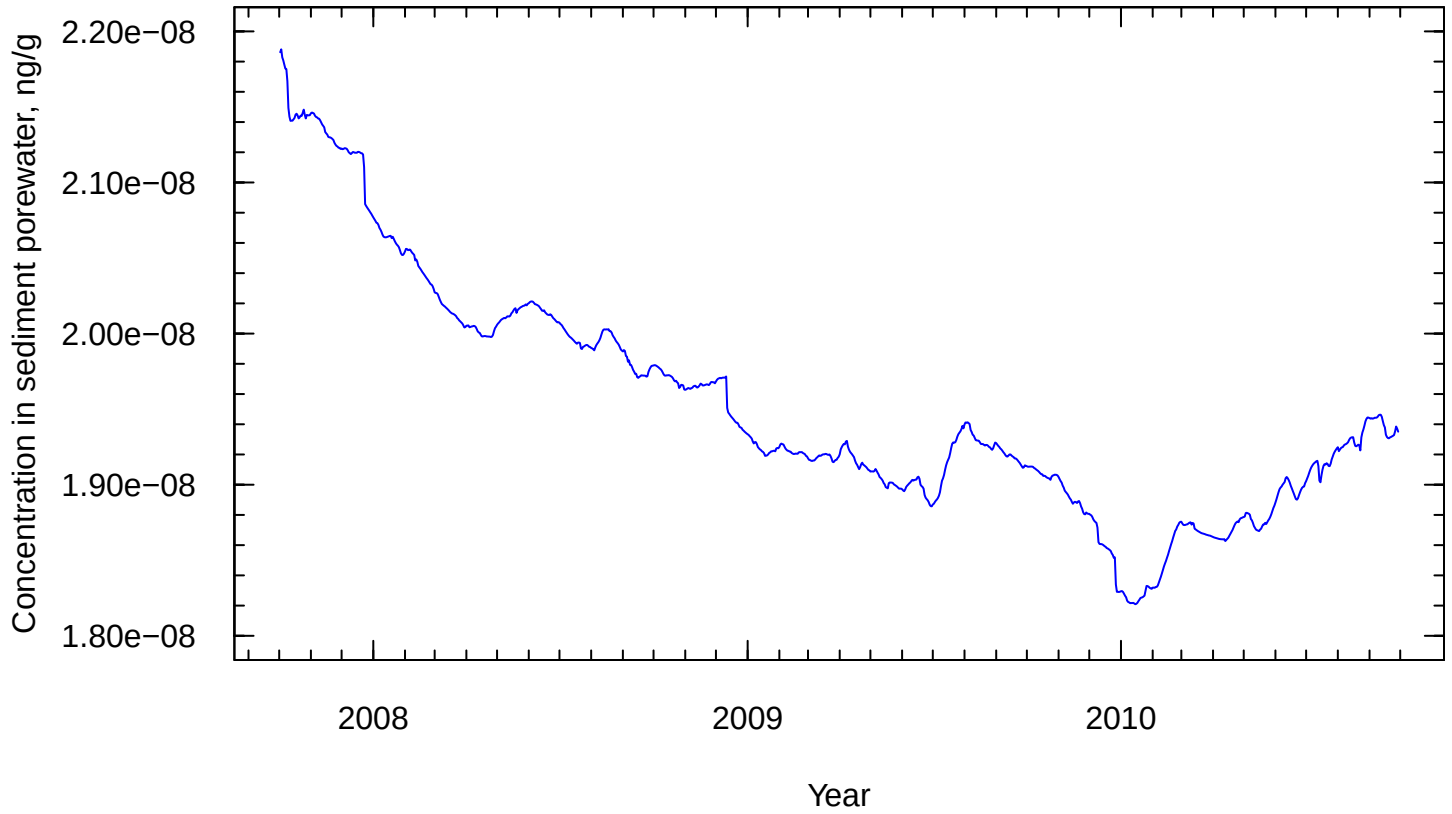
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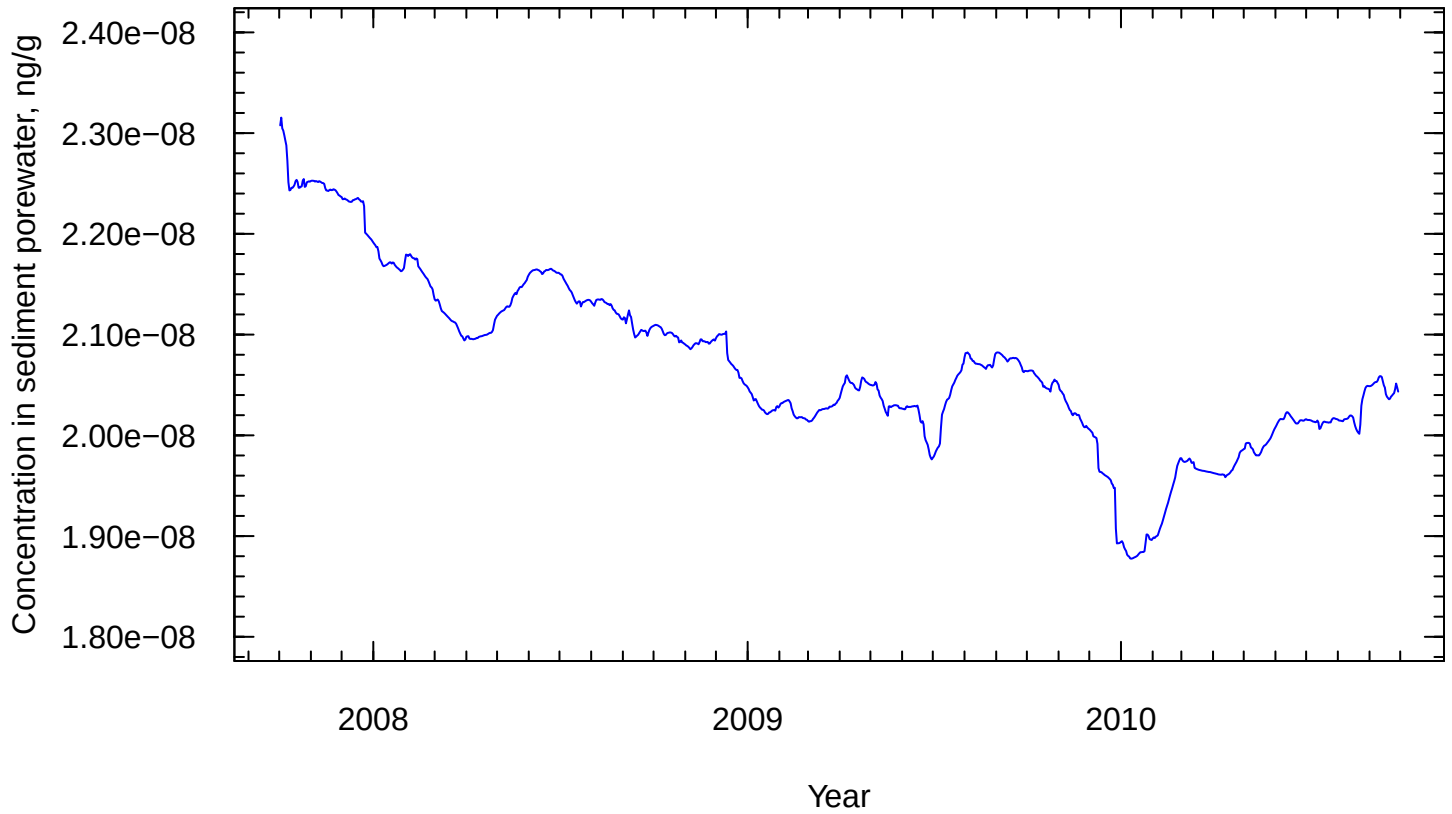
1234678-HpCDF, CSD in RM 6-14.7 mudflat only



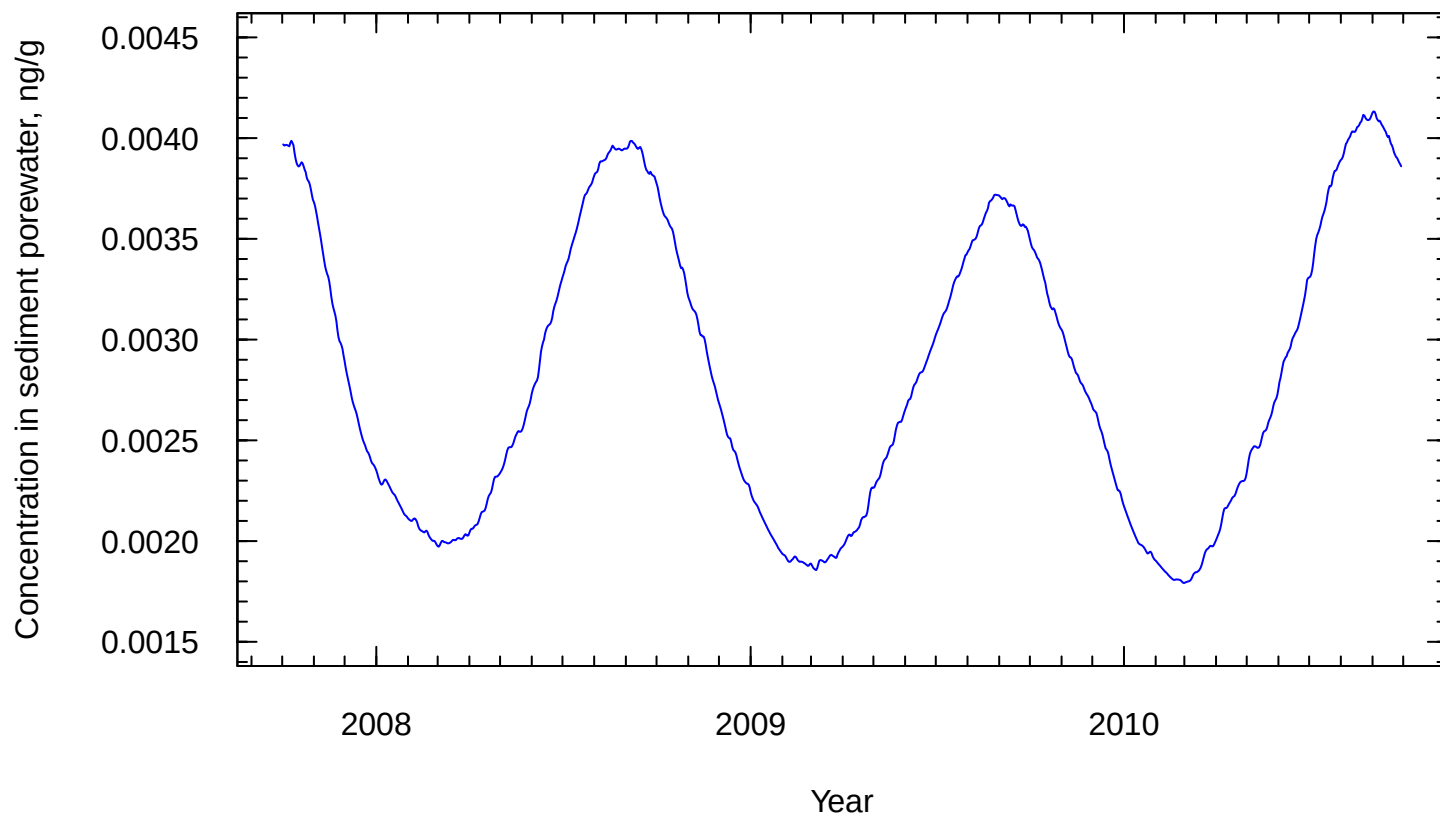
2378-TCDD, CSD in RM 14.7-Dam whole river



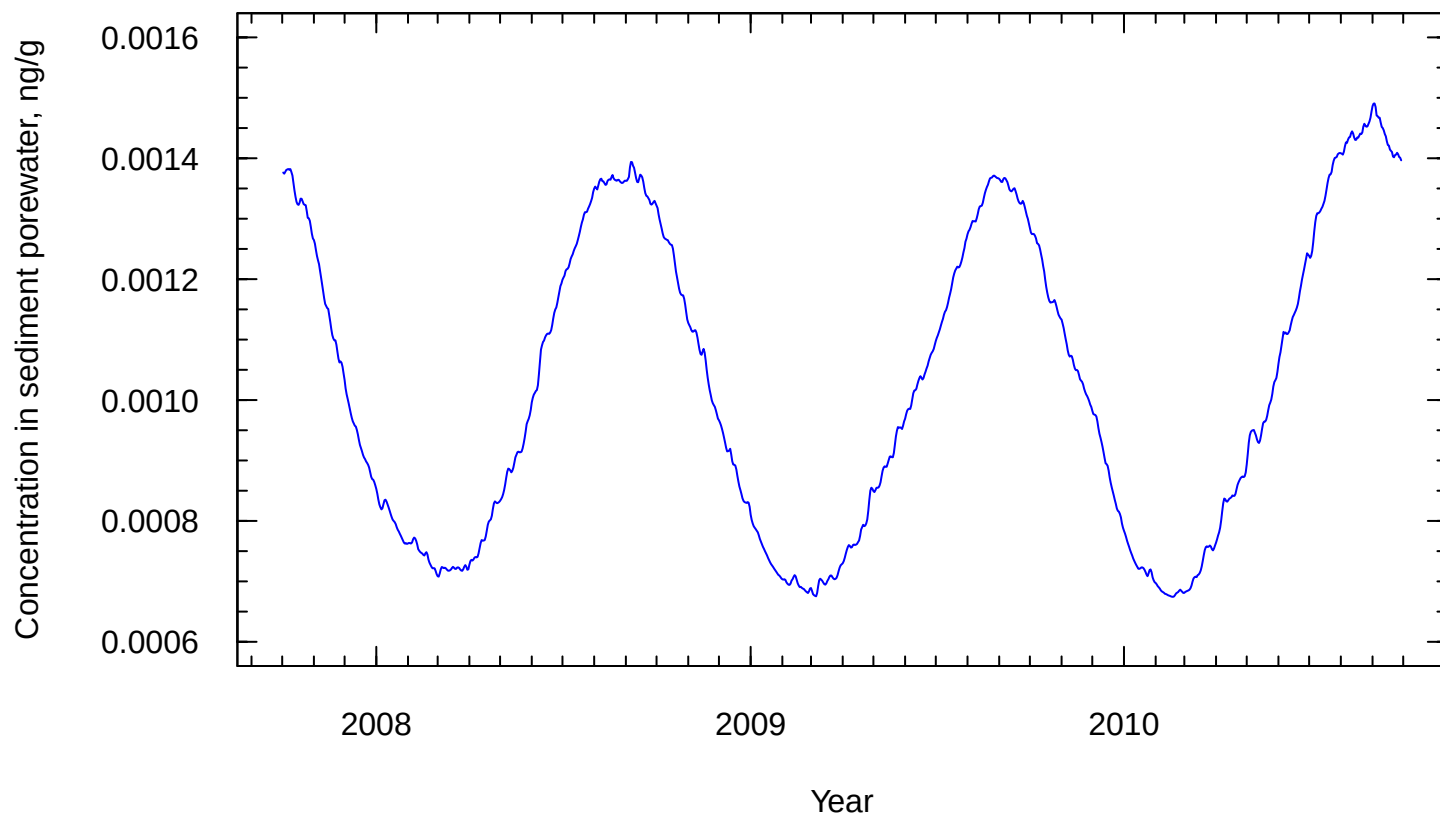
2378-TCDD, CSD in RM 14.7-Dam mudflat only



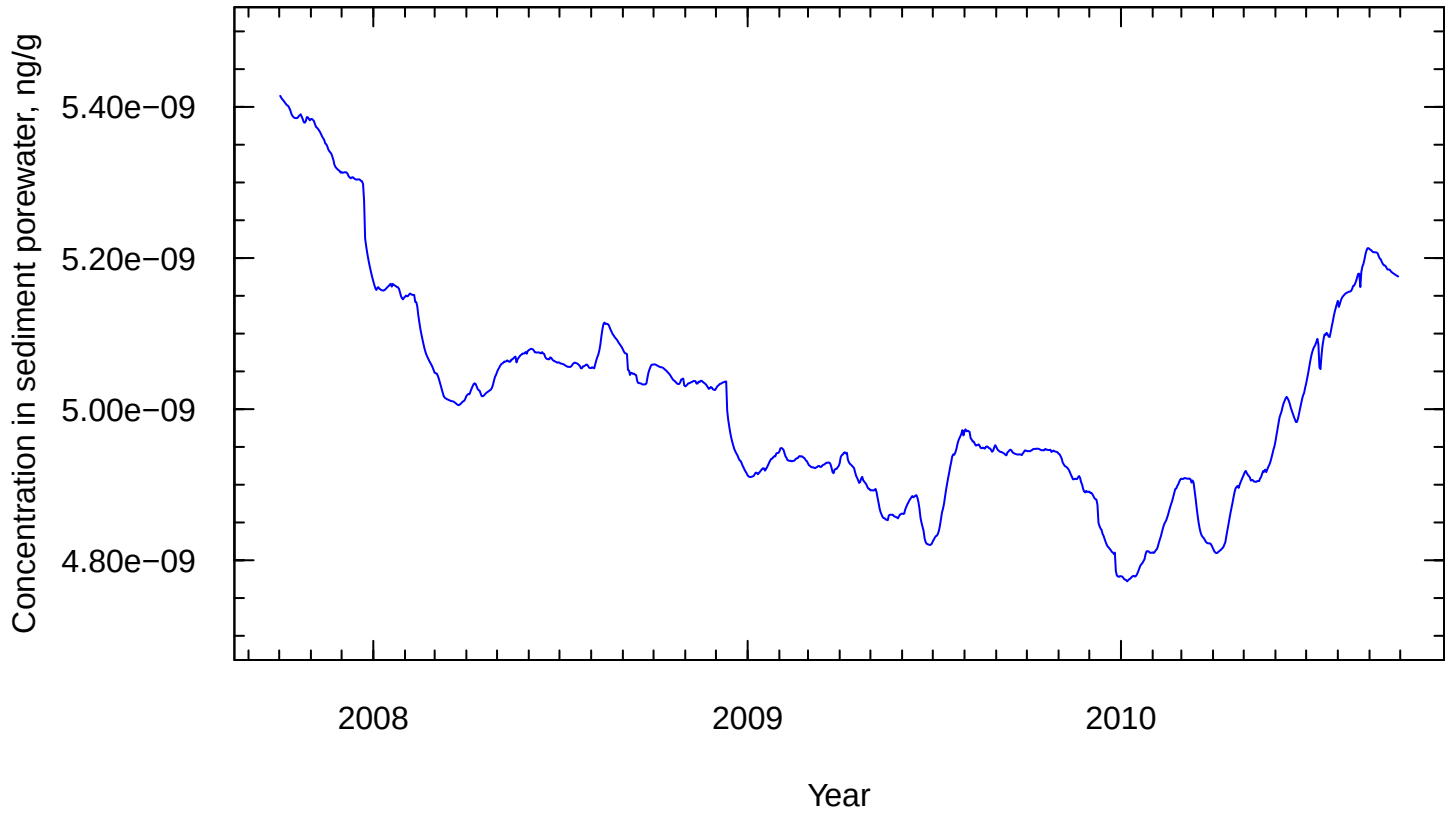
TetraCB, CSD in RM 14.7–Dam whole river



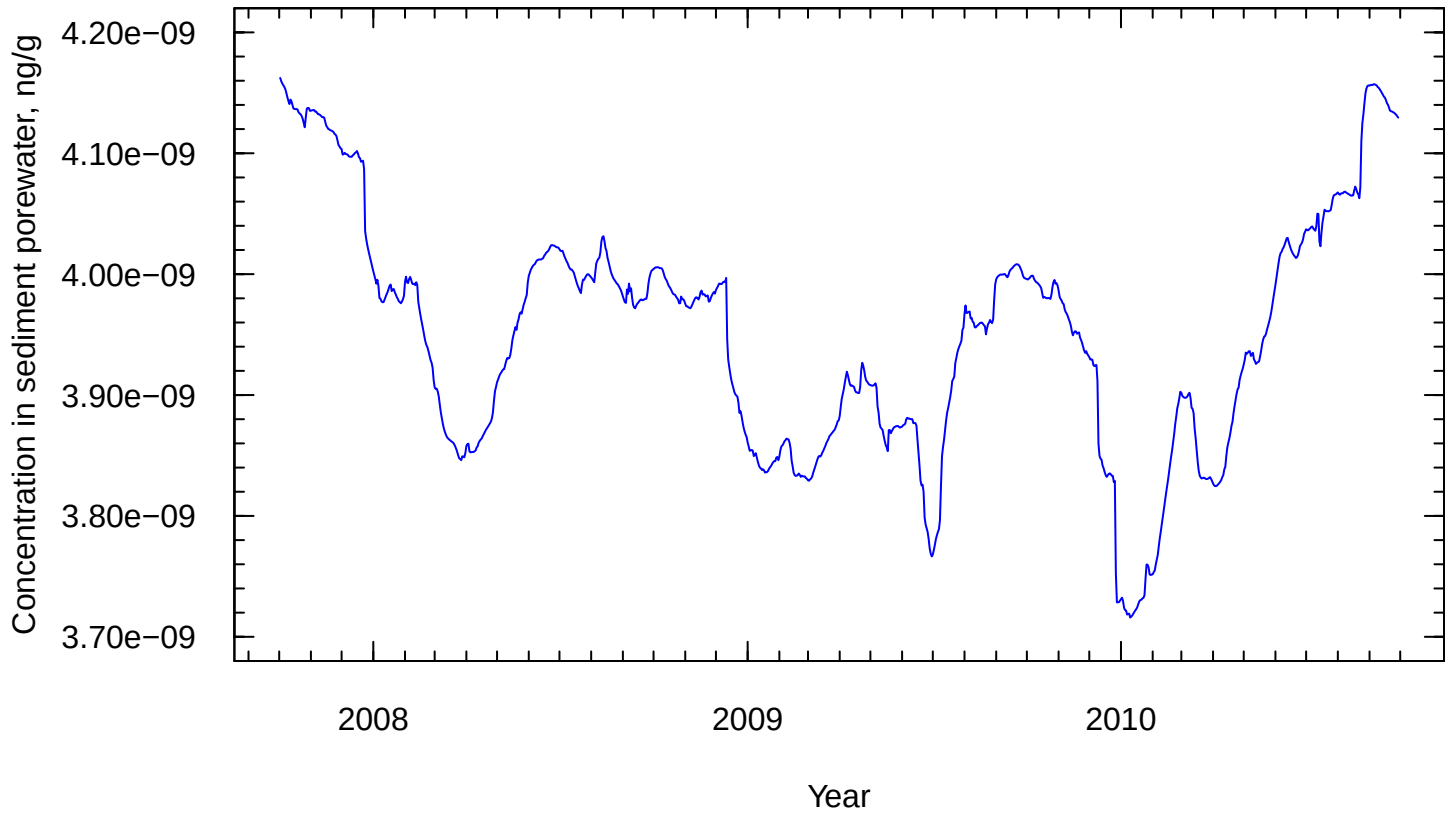
TetraCB, CSD in RM 14.7–Dam mudflat only



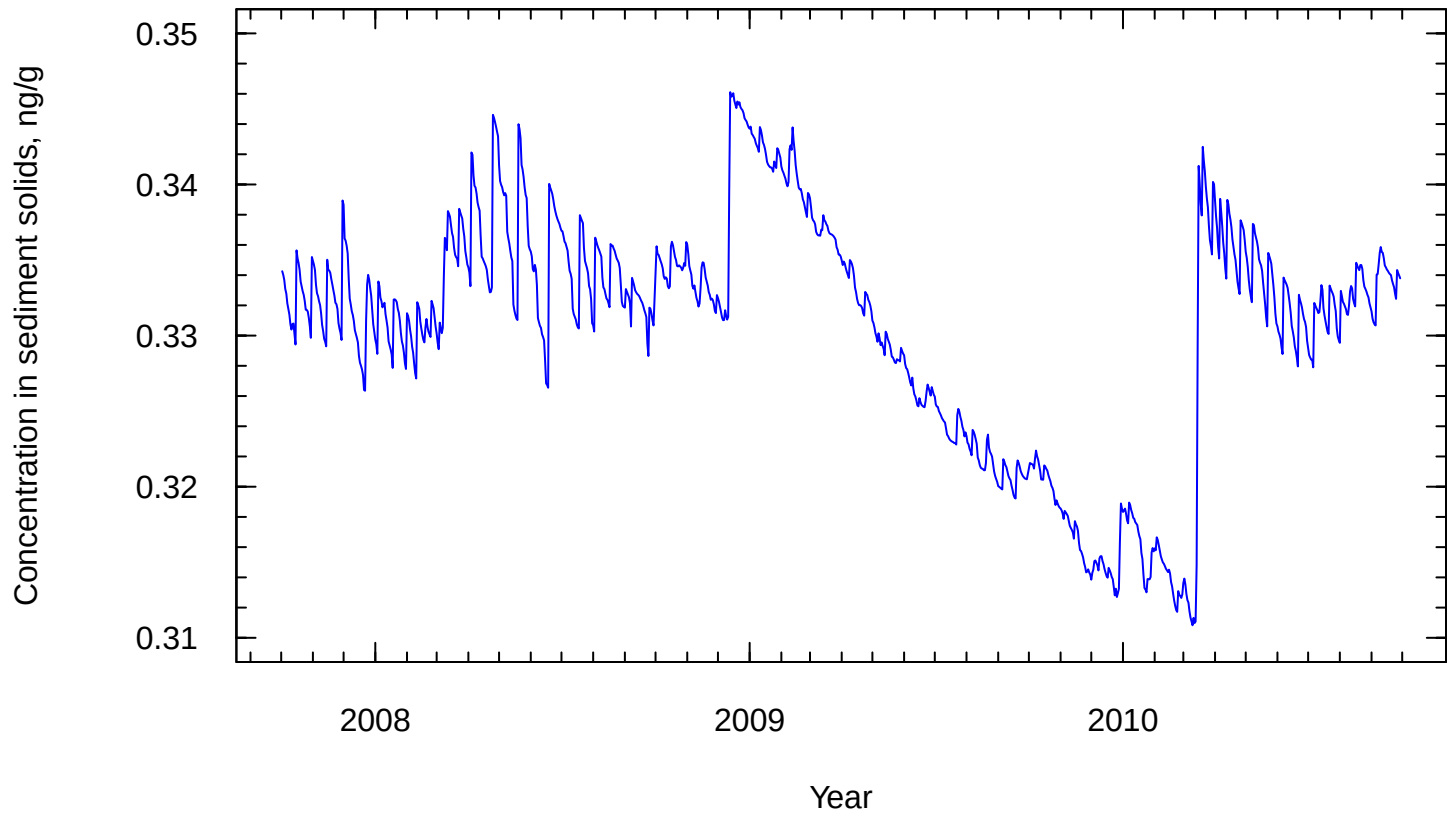
1234678-HpCDF, CSD in RM 14.7-Dam whole river



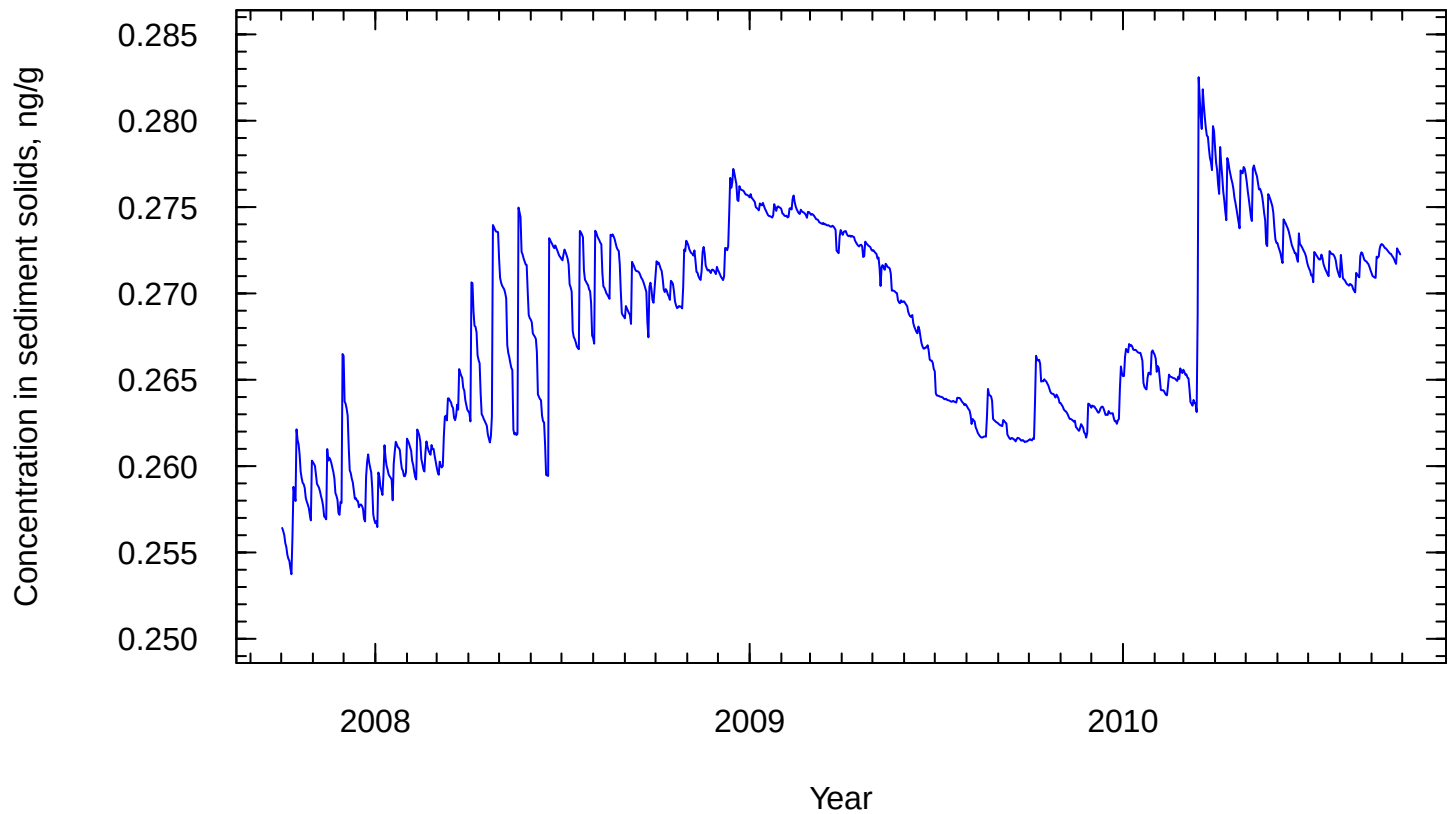
1234678-HpCDF, CSD in RM 14.7-Dam mudflat only



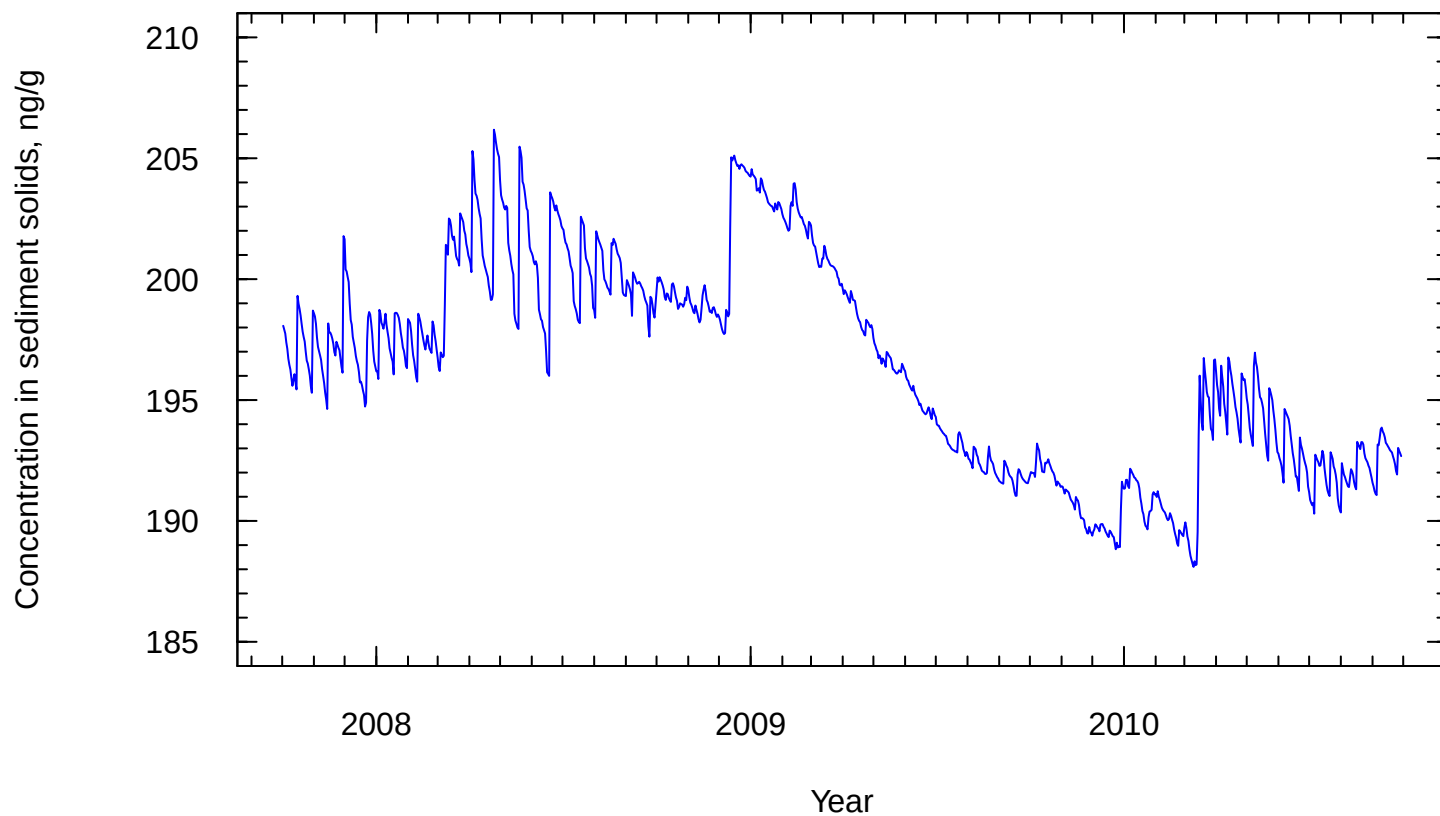
2378-TCDD, CST in RM 0-6 whole river



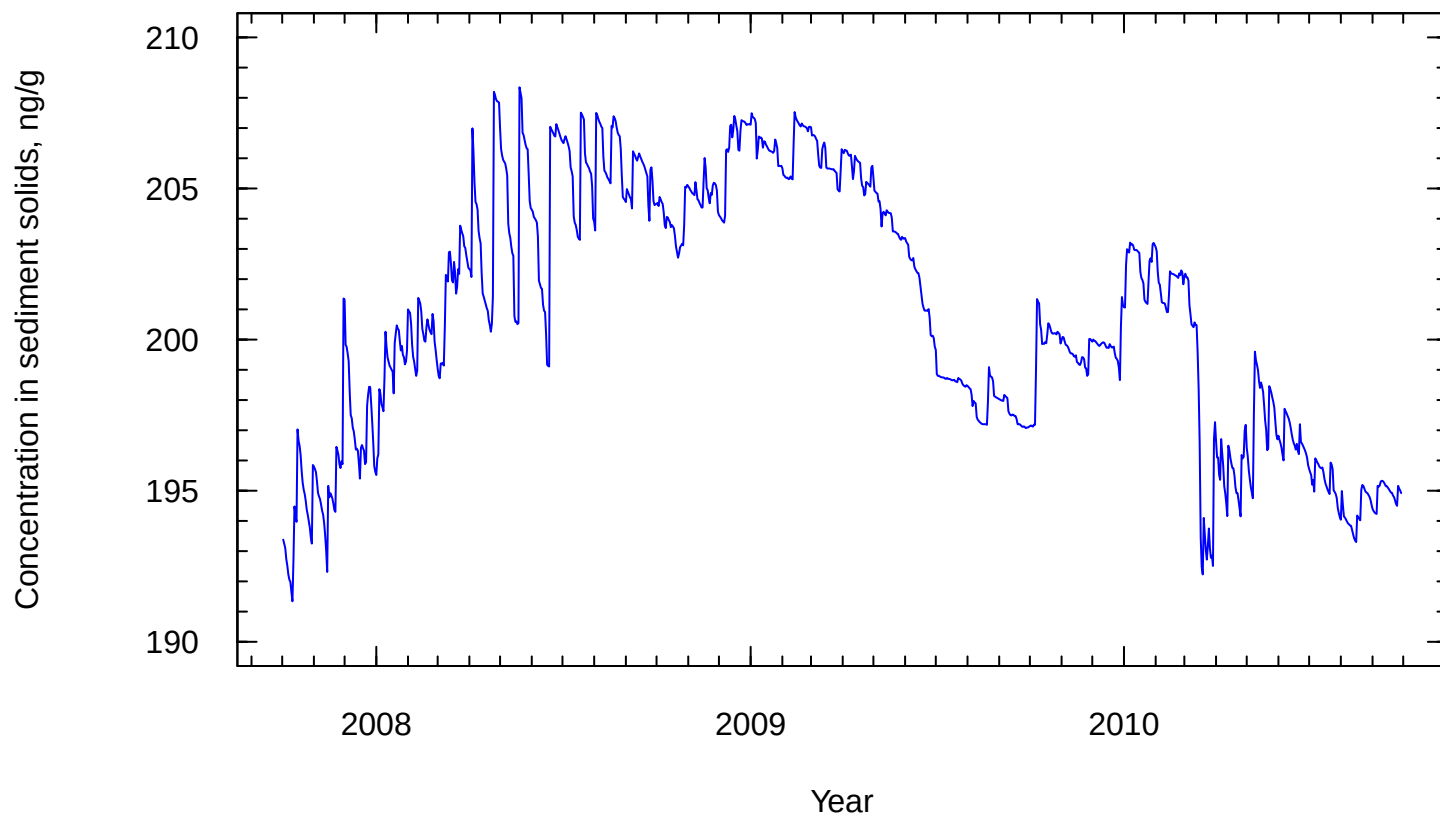
2378-TCDD, CST in RM 0-6 mudflat only



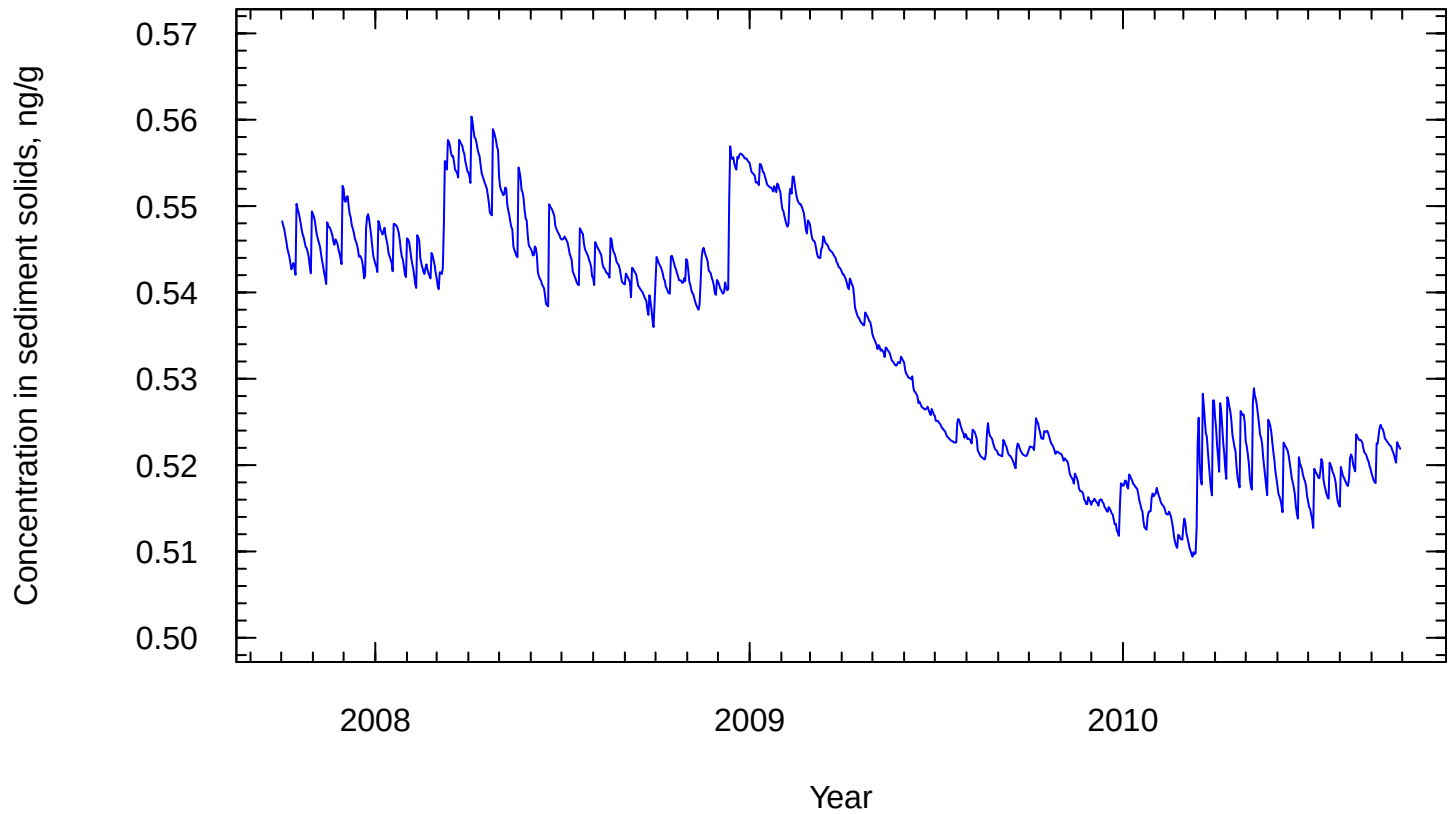
TetraCB, CST in RM 0–6 whole river



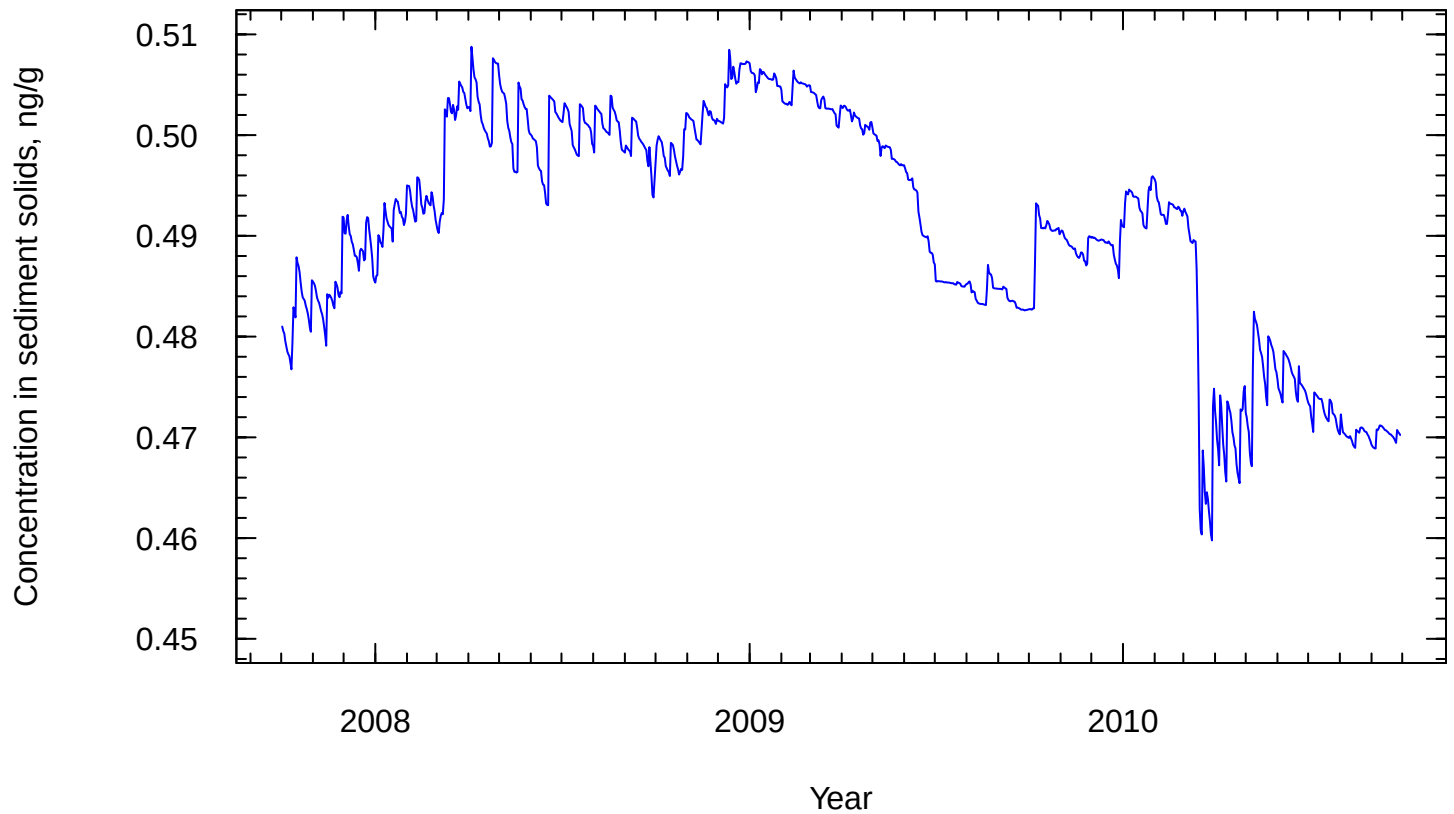
TetraCB, CST in RM 0–6 mudflat only



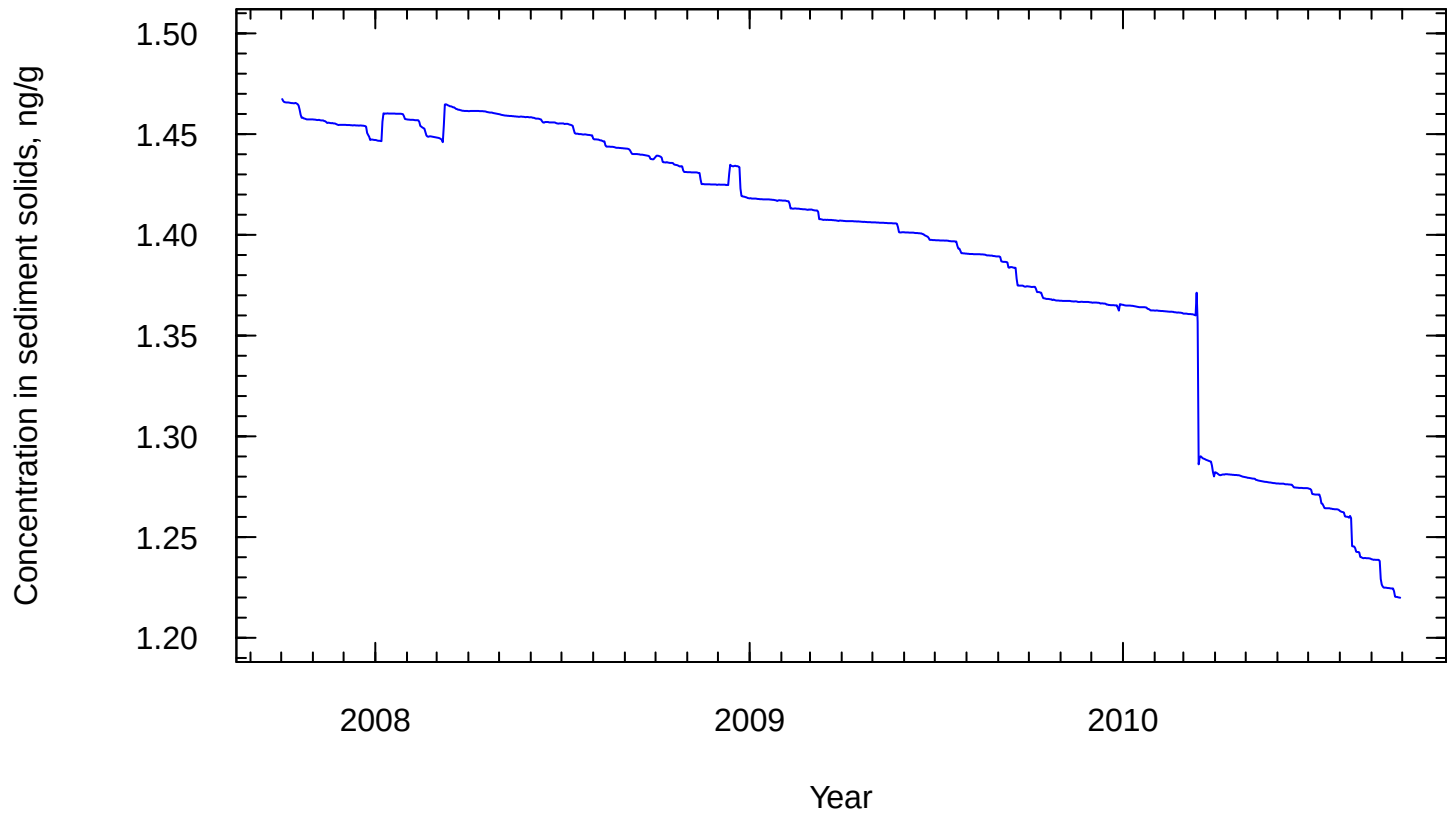
1234678-HpCDF, CST in RM 0-6 whole river



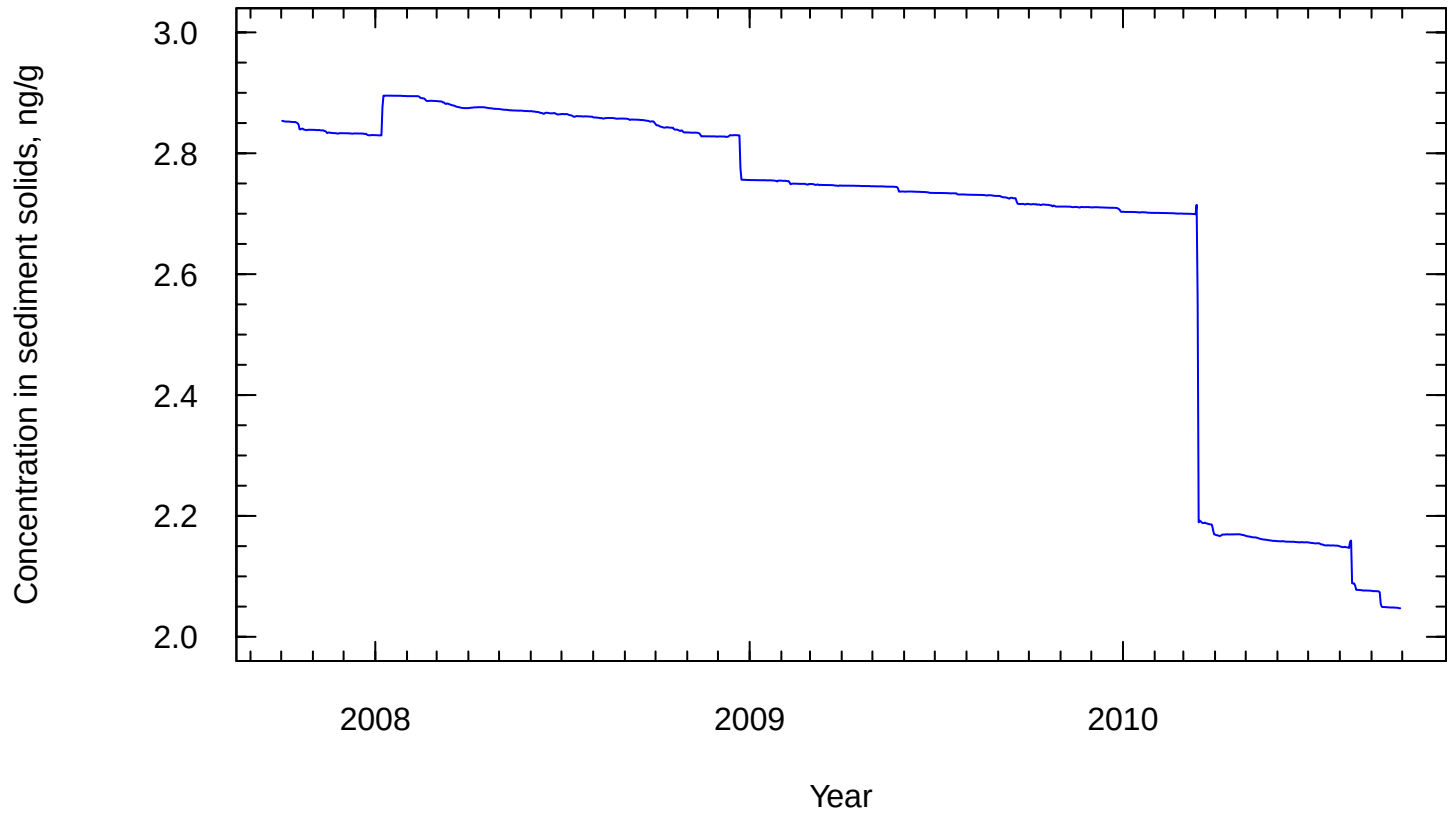
1234678-HpCDF, CST in RM 0-6 mudflat only



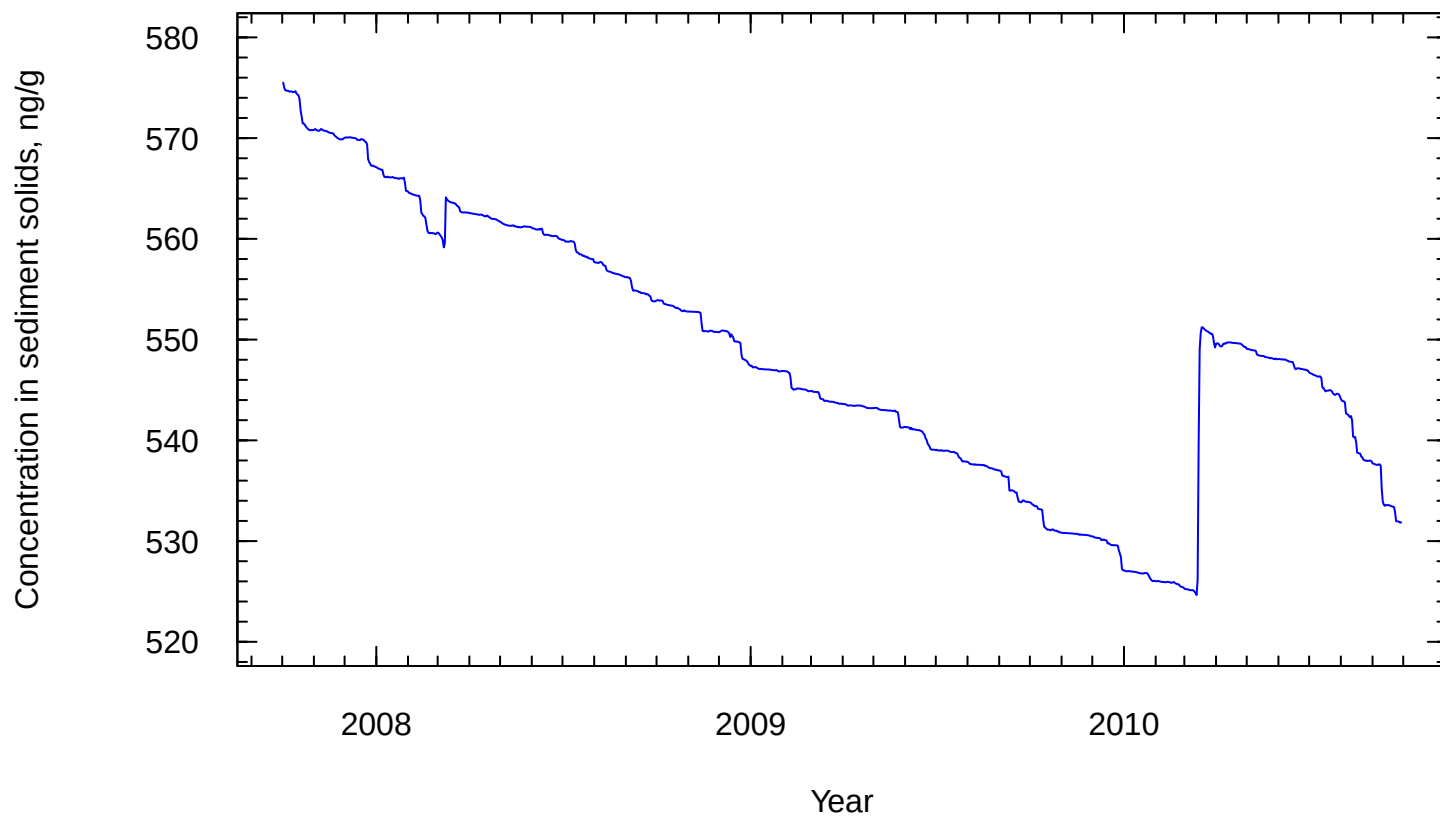
2378-TCDD, CST in RM 6-14.7 whole river



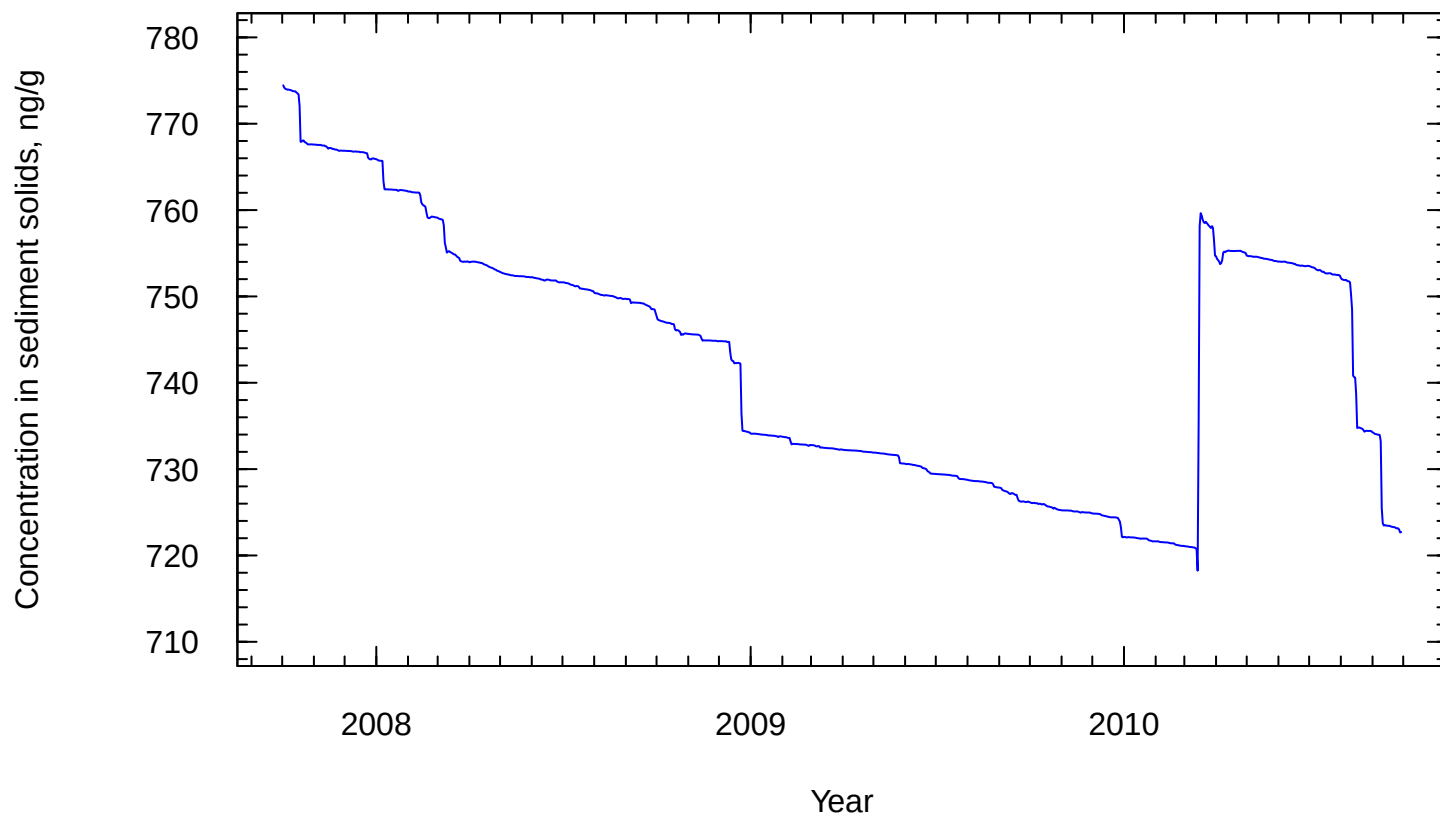
2378-TCDD, CST in RM 6-14.7 mudflat only



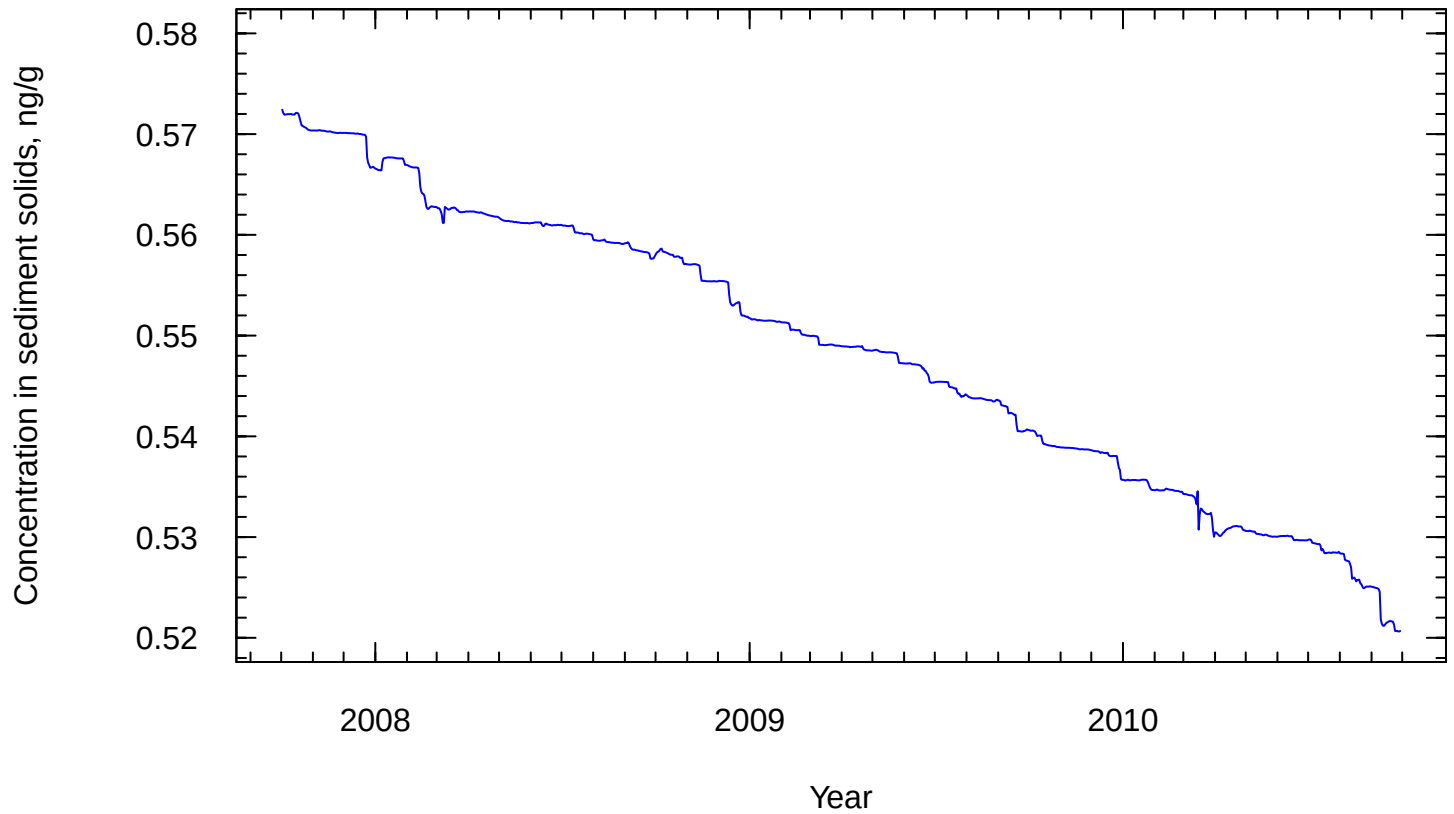
TetraCB, CST in RM 6–14.7 whole river



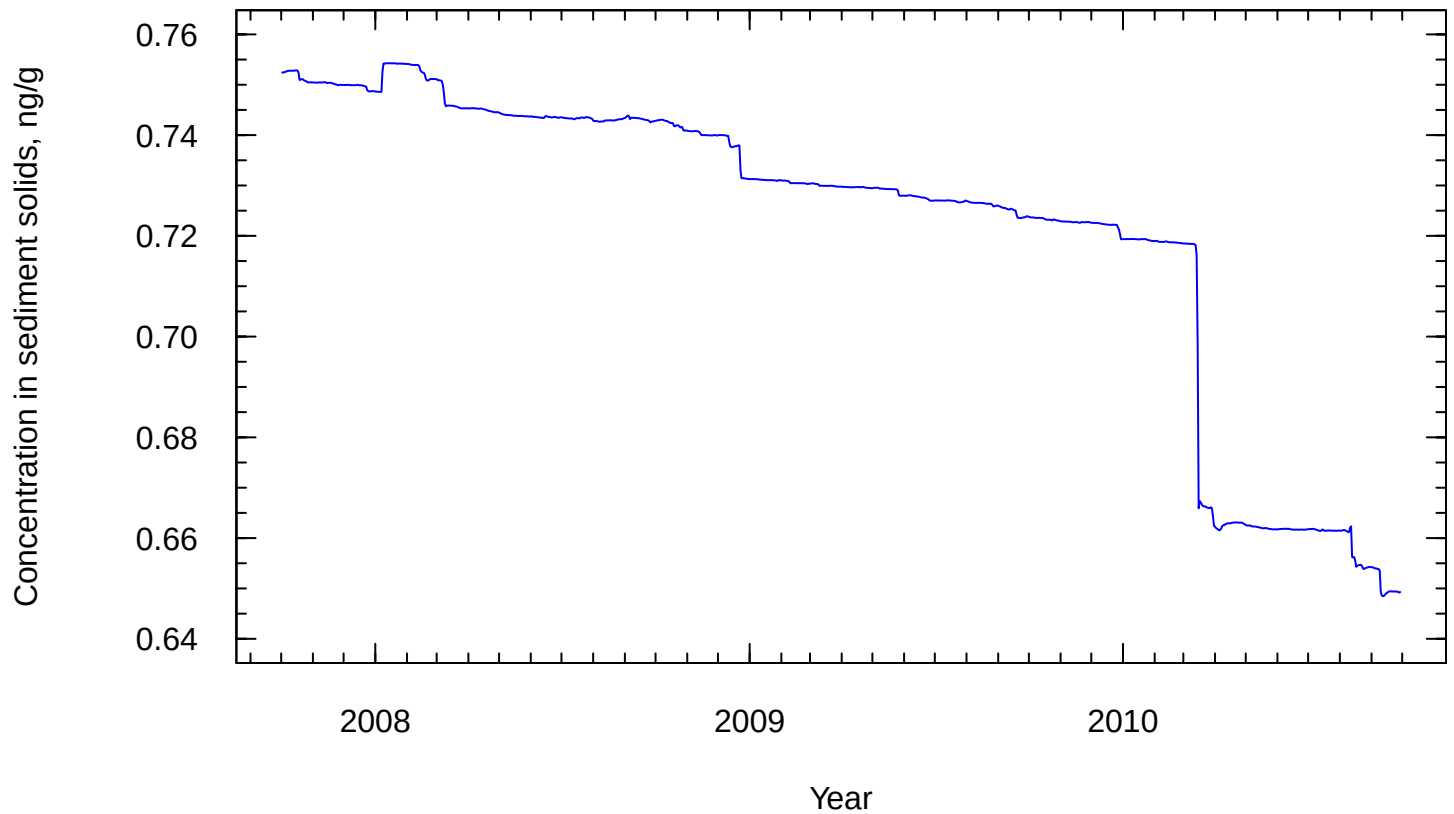
TetraCB, CST in RM 6–14.7 mudflat only



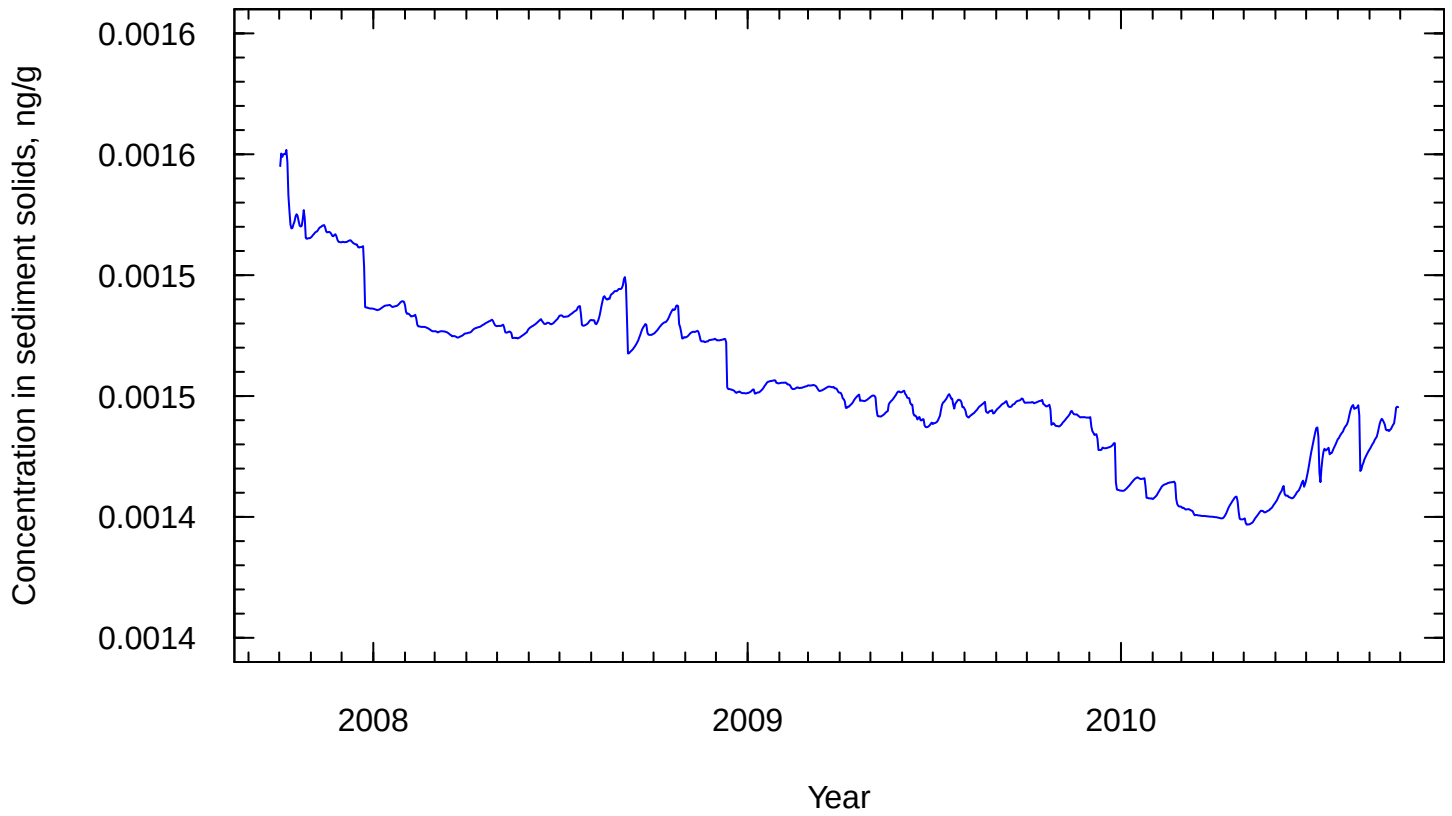
1234678-HpCDF, CST in RM 6–14.7 whole river



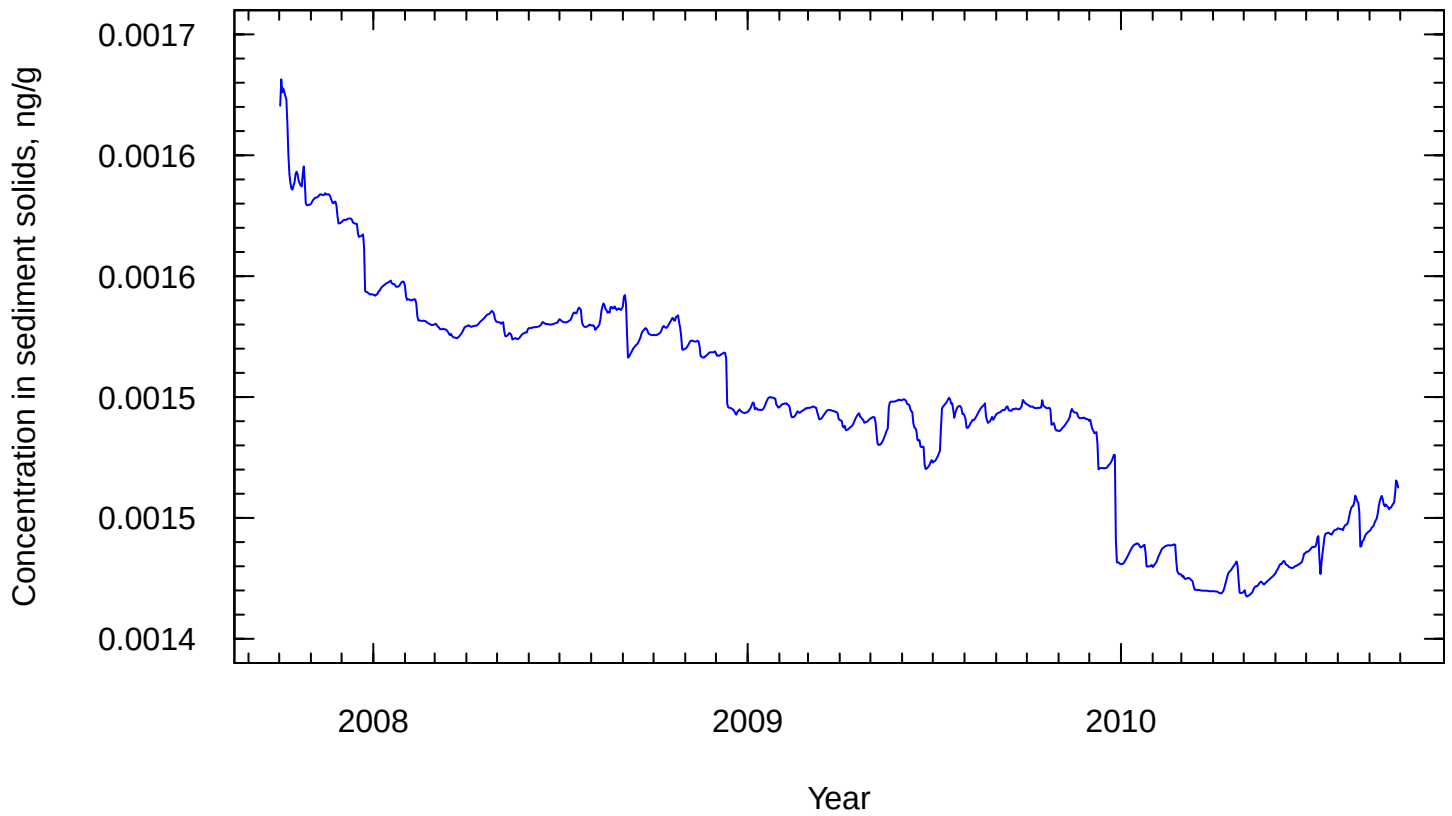
1234678-HpCDF, CST in RM 6–14.7 mudflat only



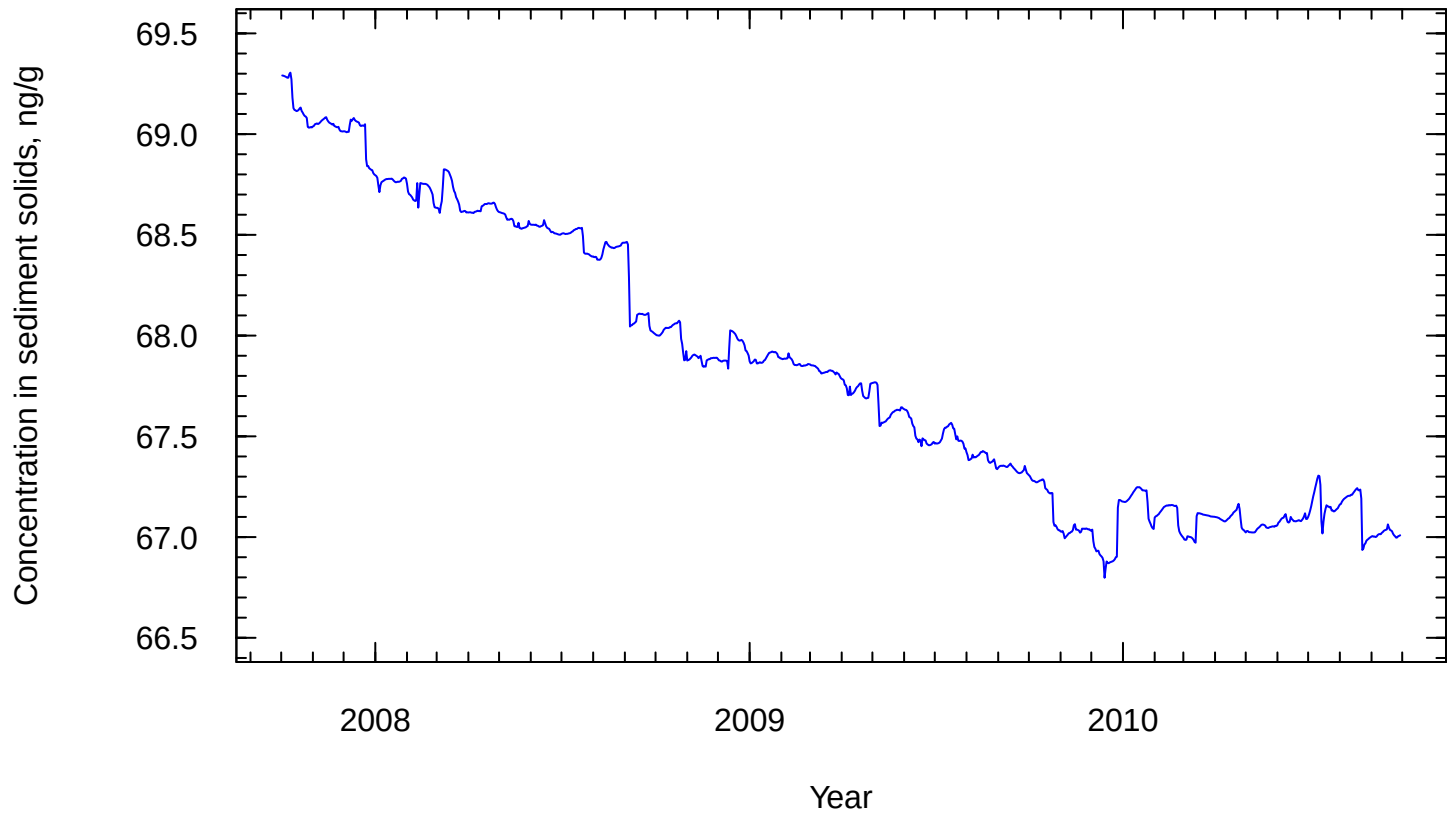
2378-TCDD, CST in RM 14.7-Dam whole river



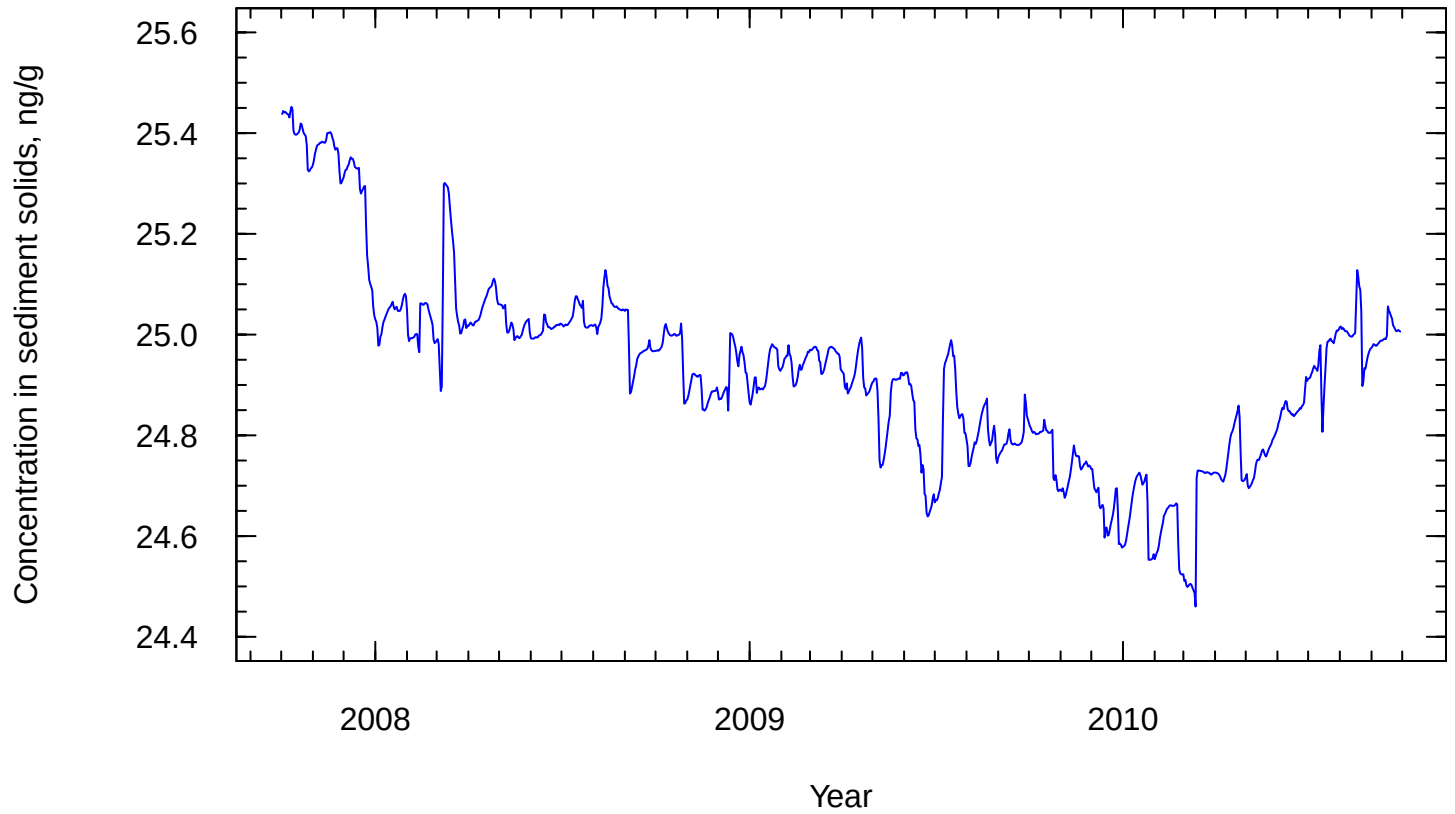
2378-TCDD, CST in RM 14.7-Dam mudflat only



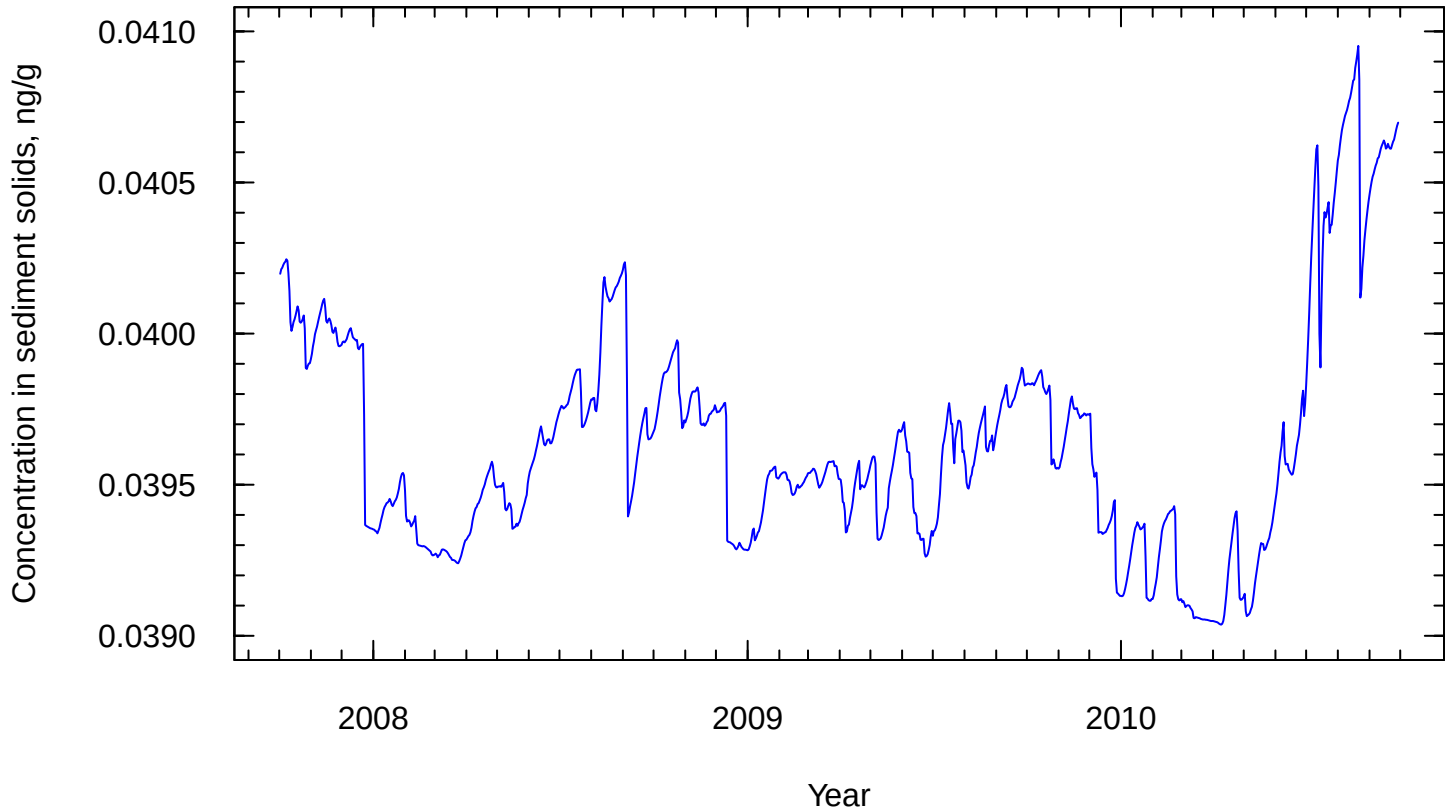
TetraCB, CST in RM 14.7–Dam whole river



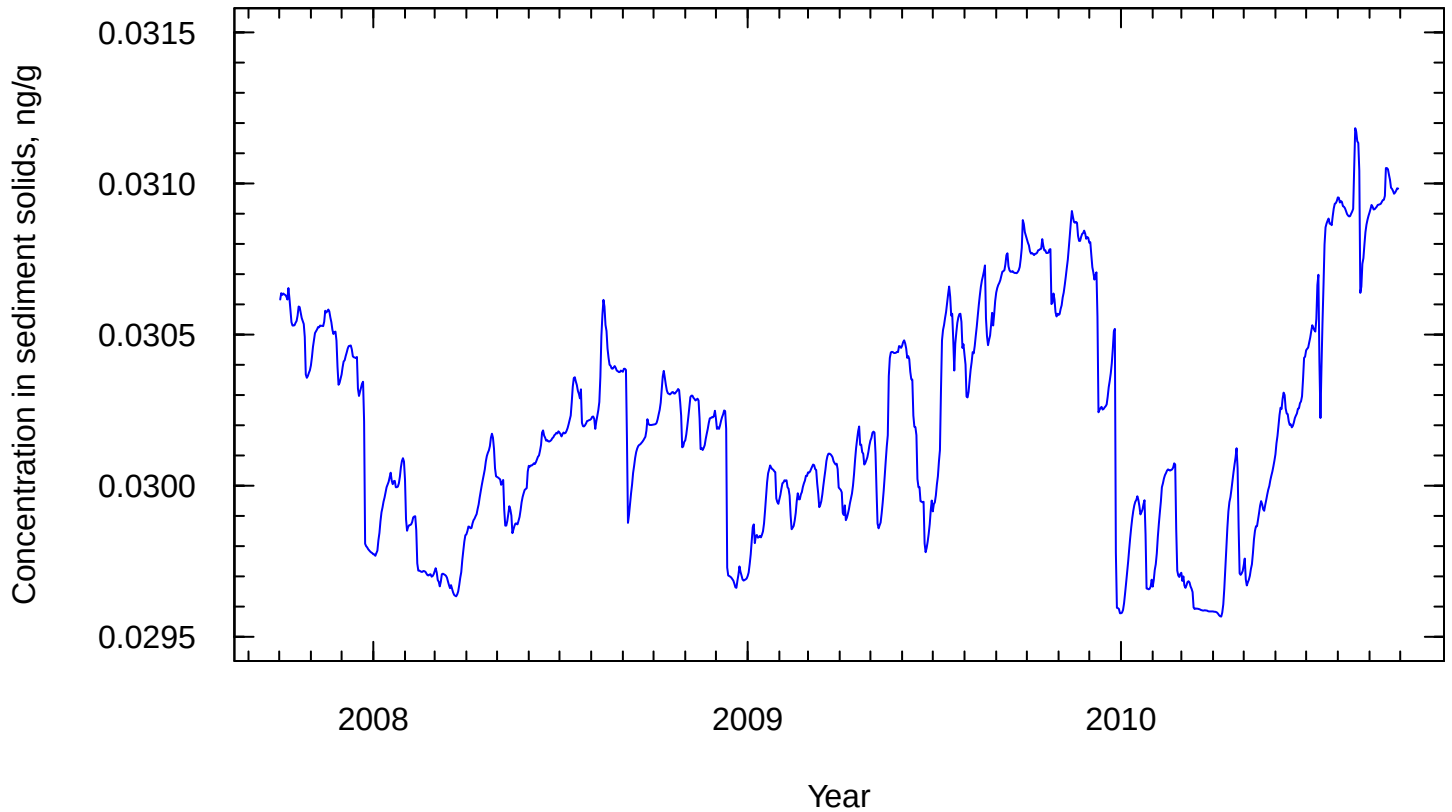
TetraCB, CST in RM 14.7–Dam mudflat only



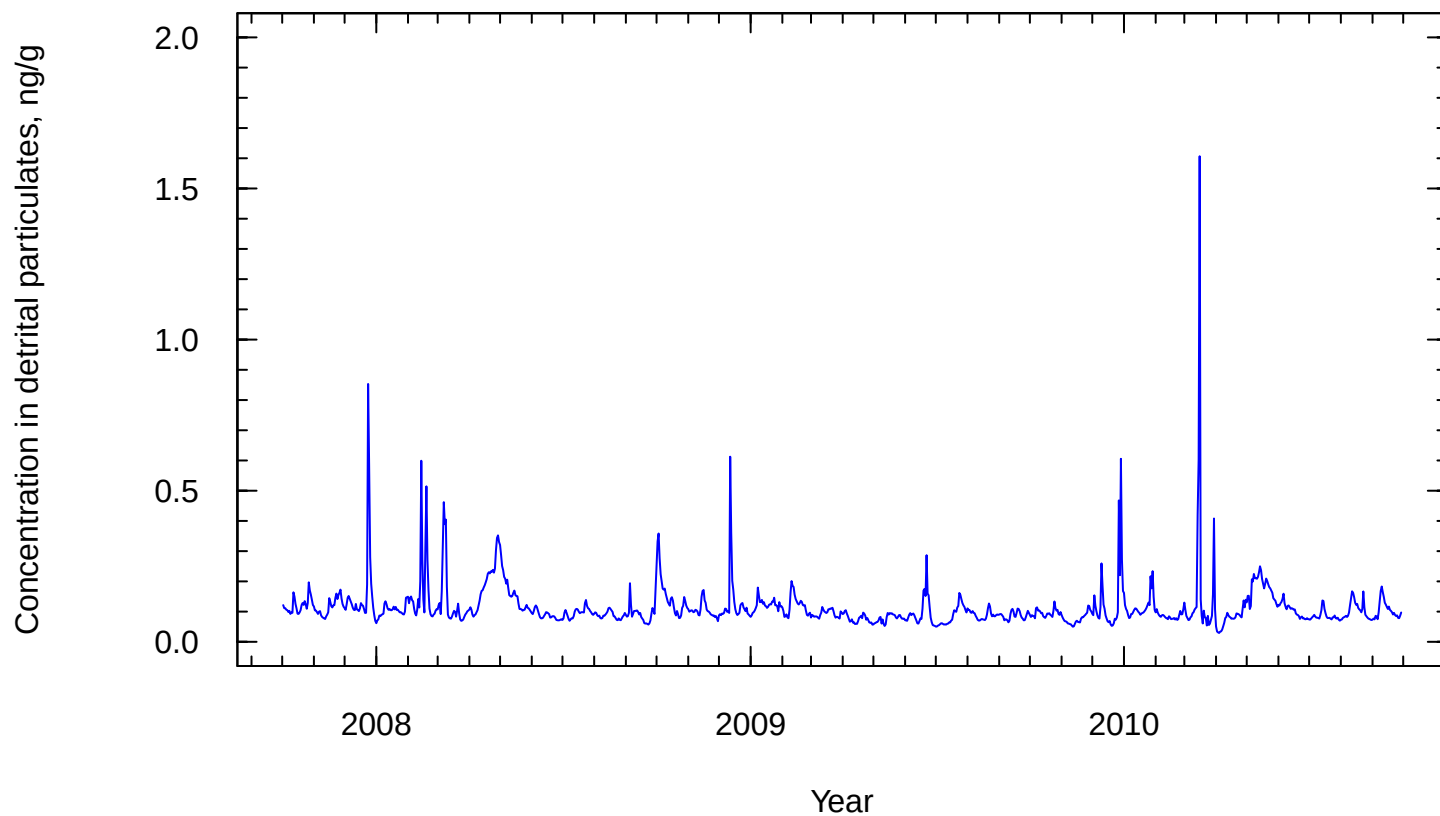
1234678-HpCDF, CST in RM 14.7-Dam whole river



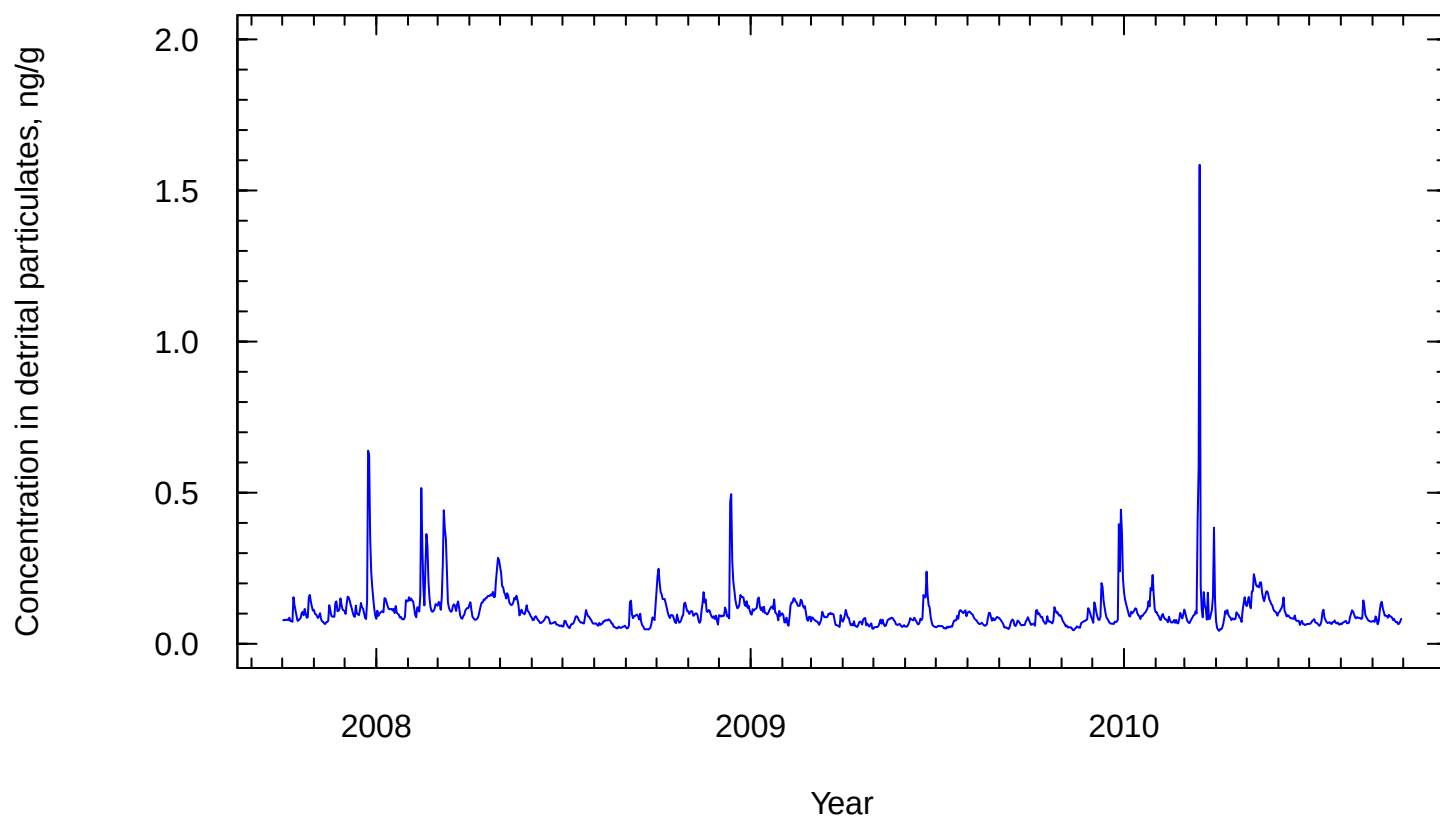
1234678-HpCDF, CST in RM 14.7-Dam mudflat only



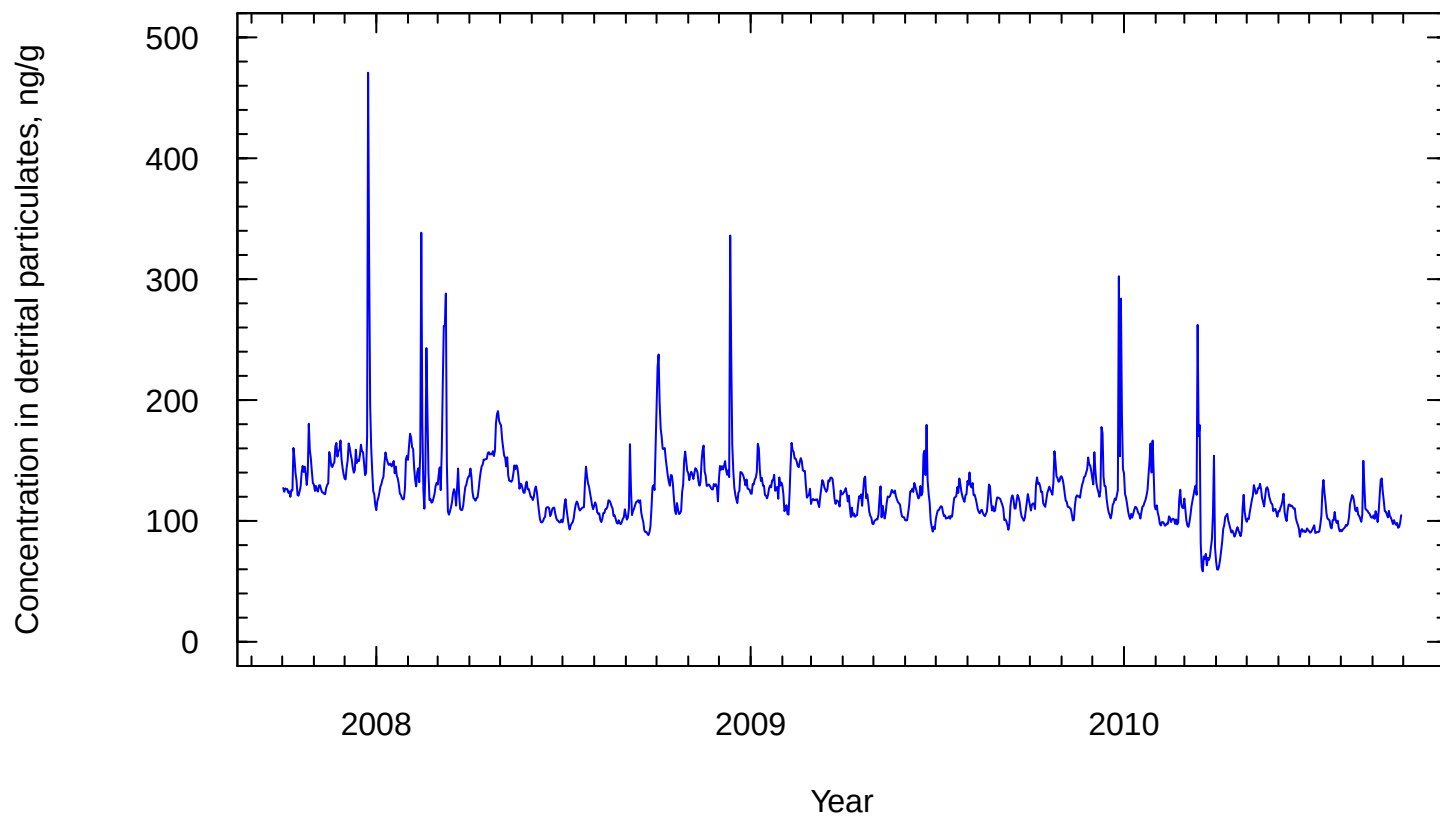
2378-TCDD, CPART in RM 0-6 whole river



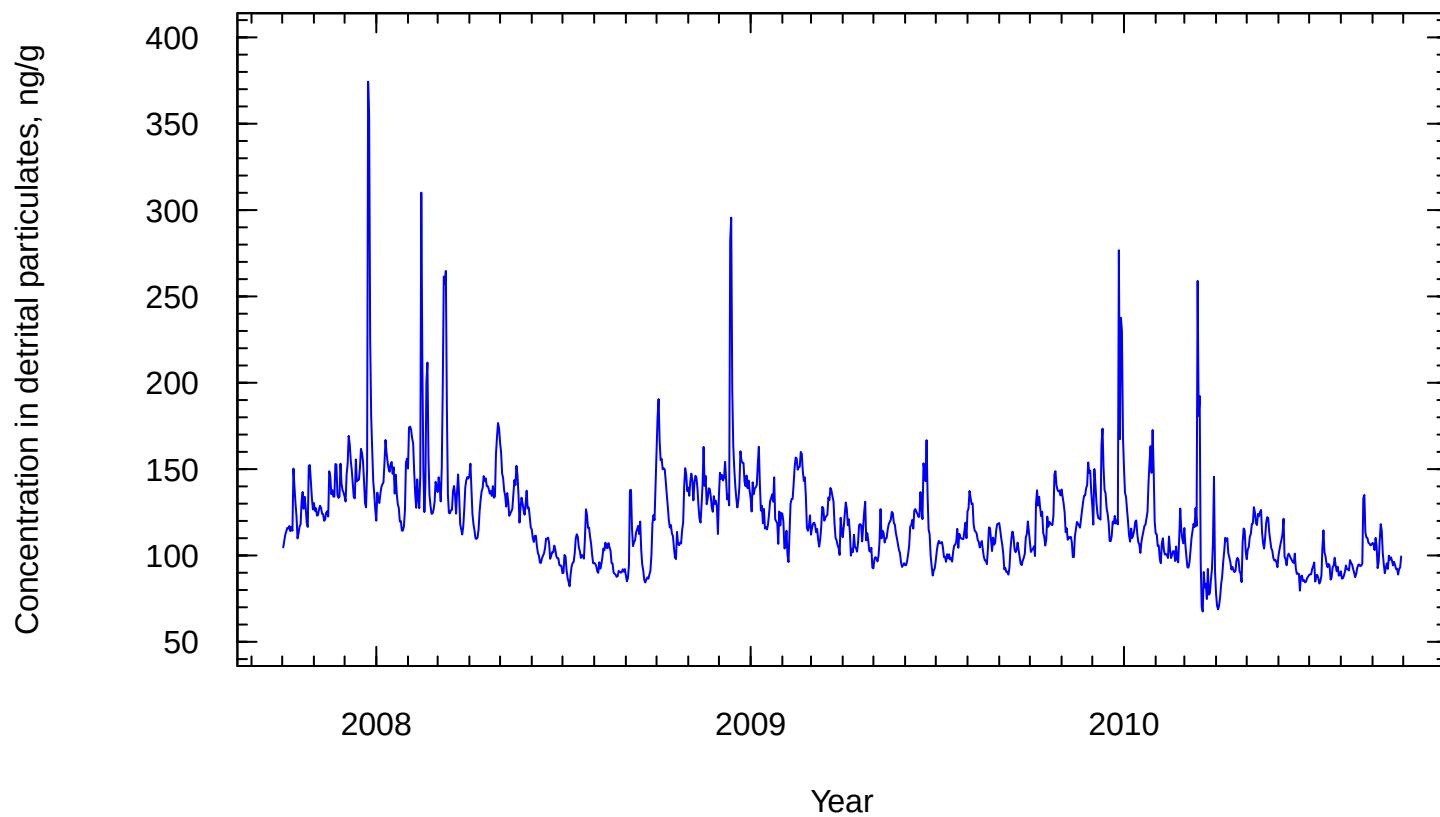
2378-TCDD, CPART in RM 0-6 mudflat only



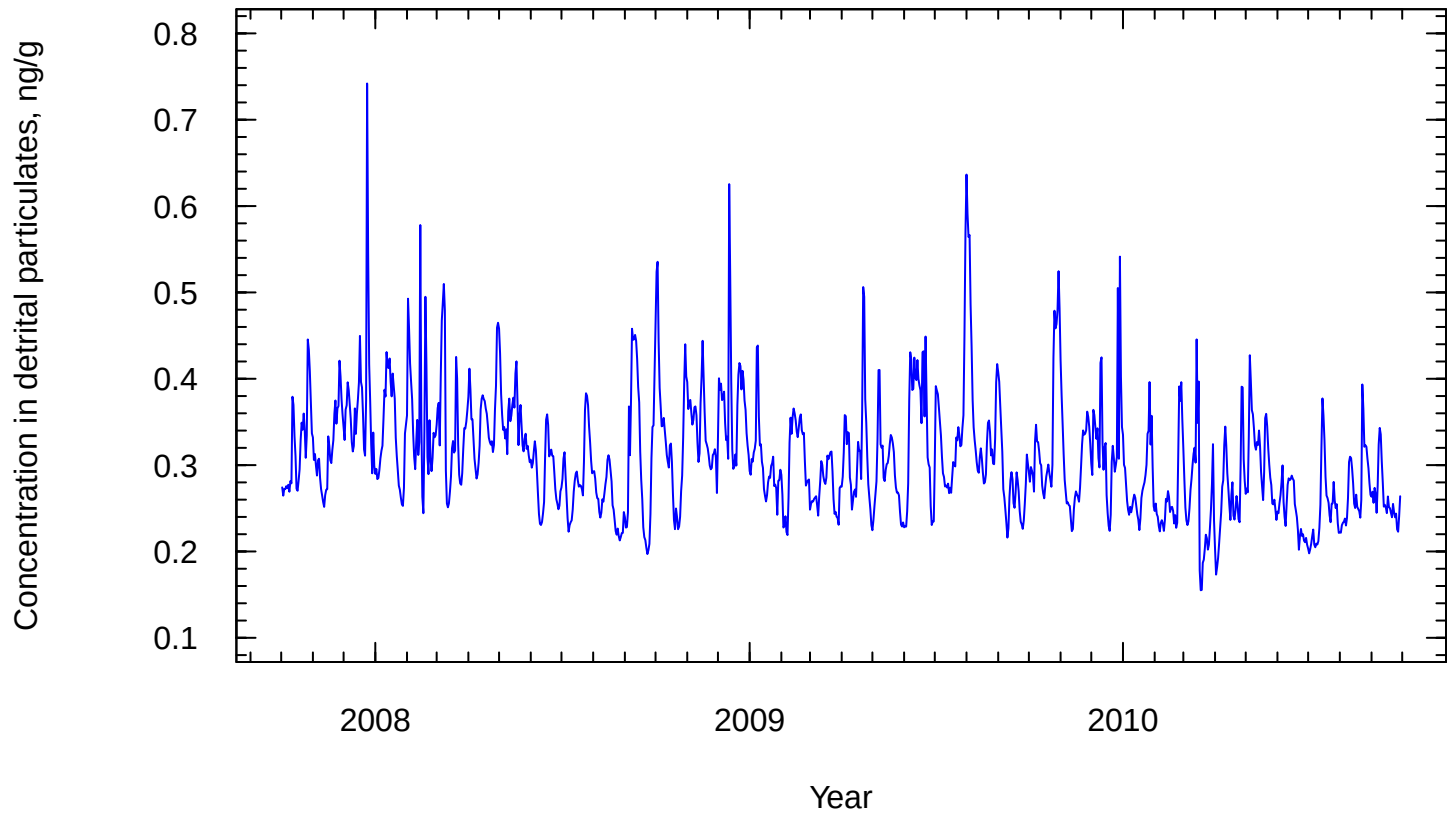
TetraCB, CPART in RM 0–6 whole river



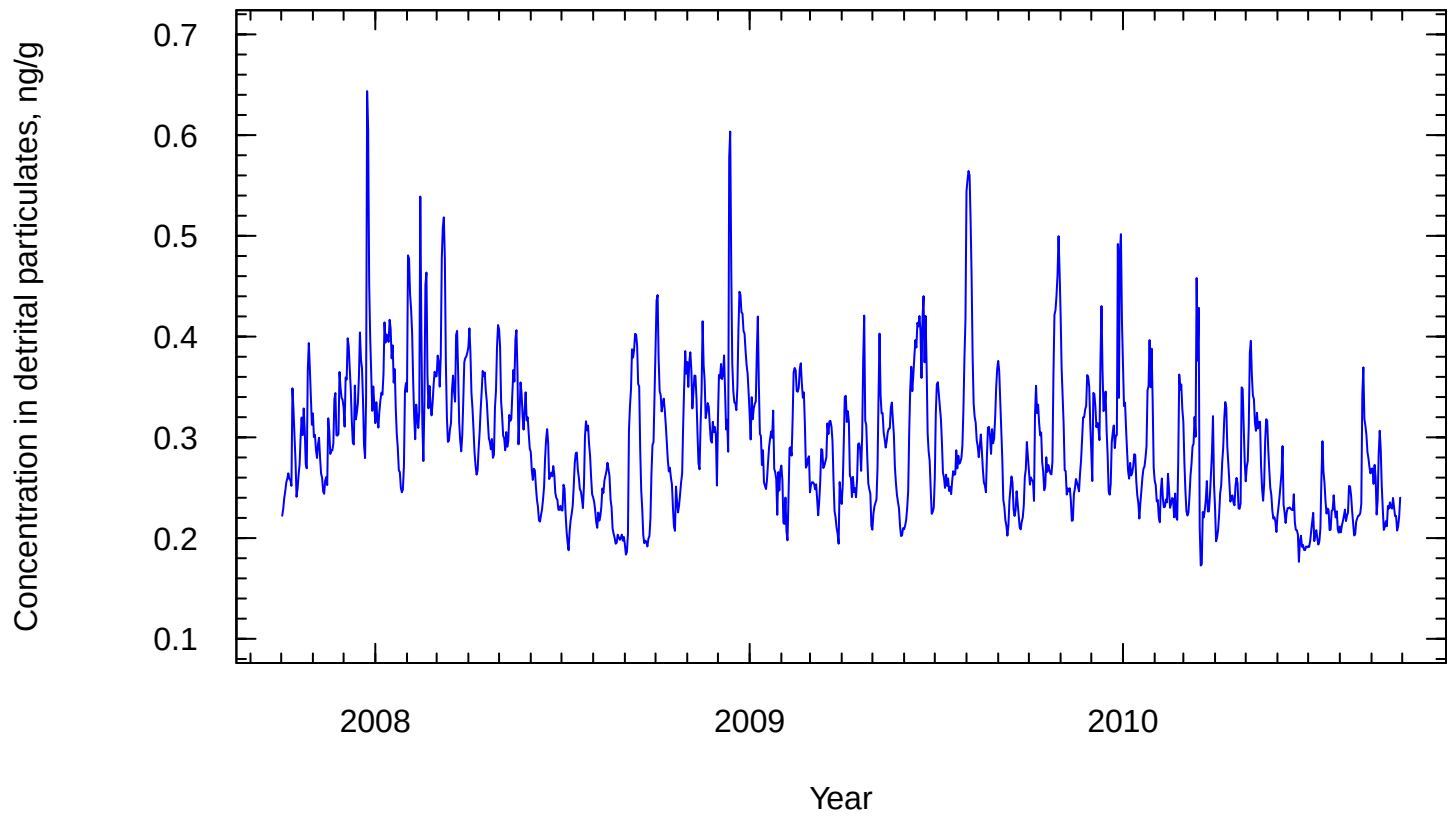
TetraCB, CPART in RM 0–6 mudflat only



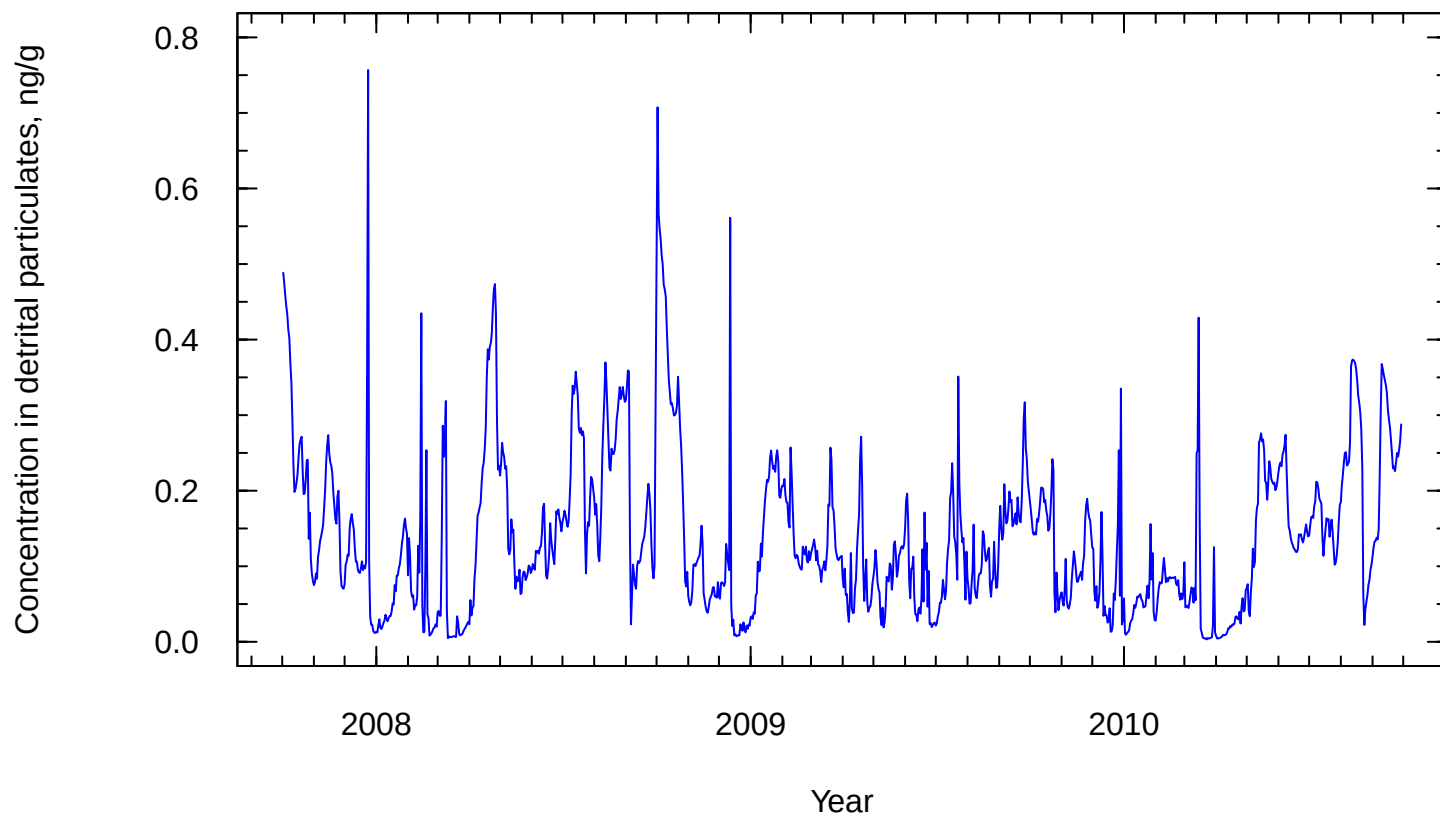
1234678–HpCDF, CPART in RM 0–6 whole river



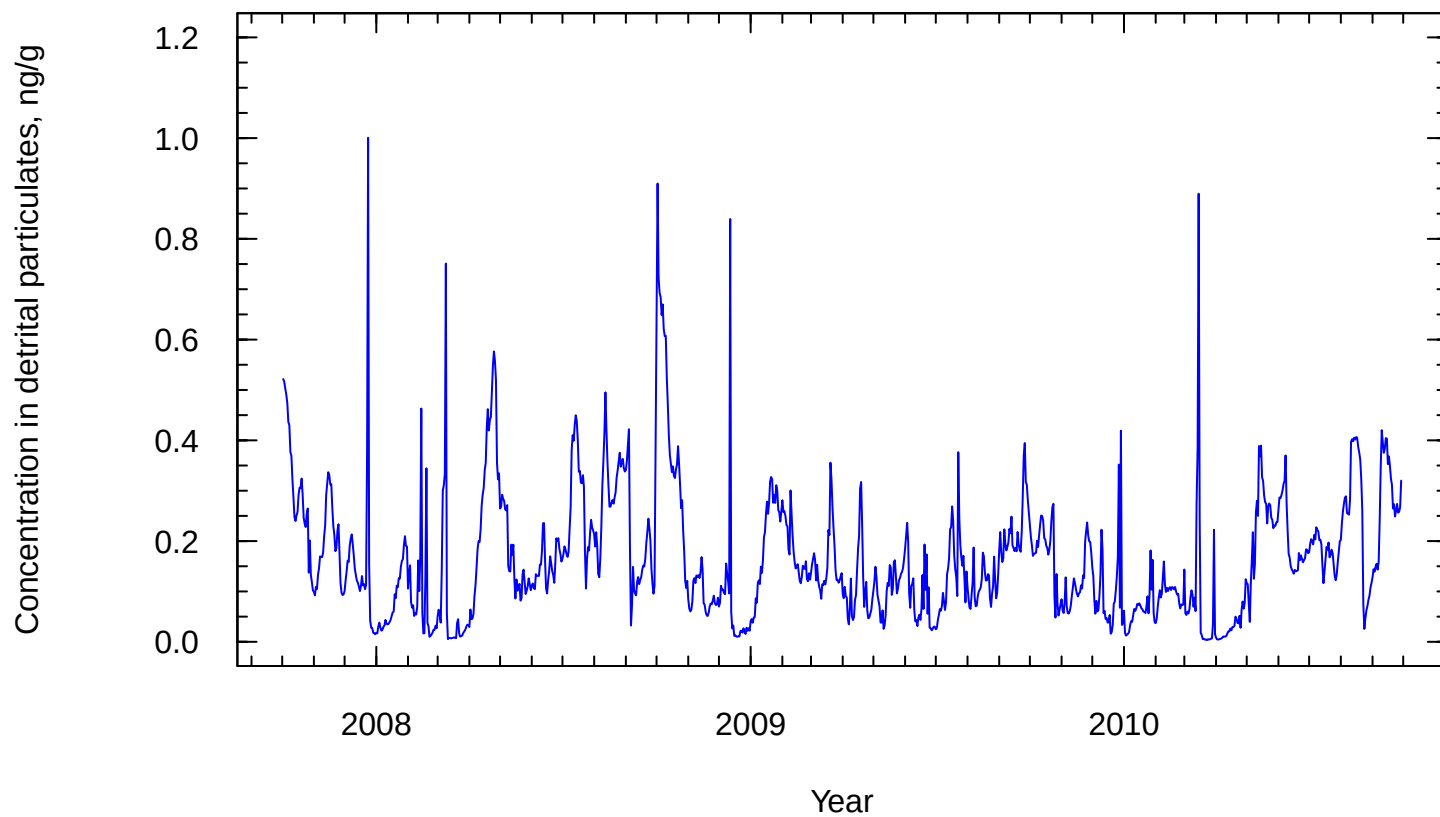
1234678–HpCDF, CPART in RM 0–6 mudflat only



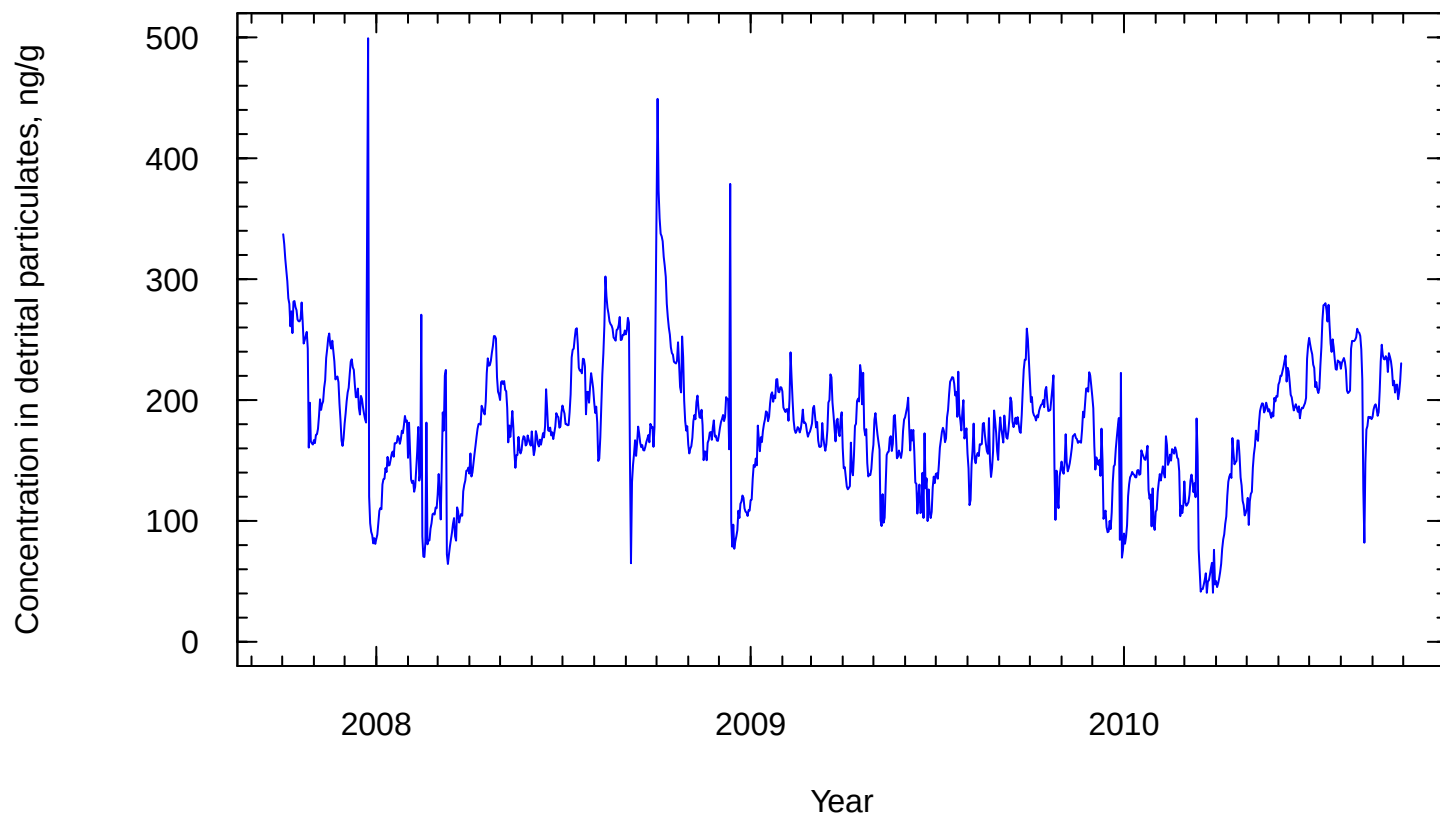
2378-TCDD, CPART in RM 6-14.7 whole river



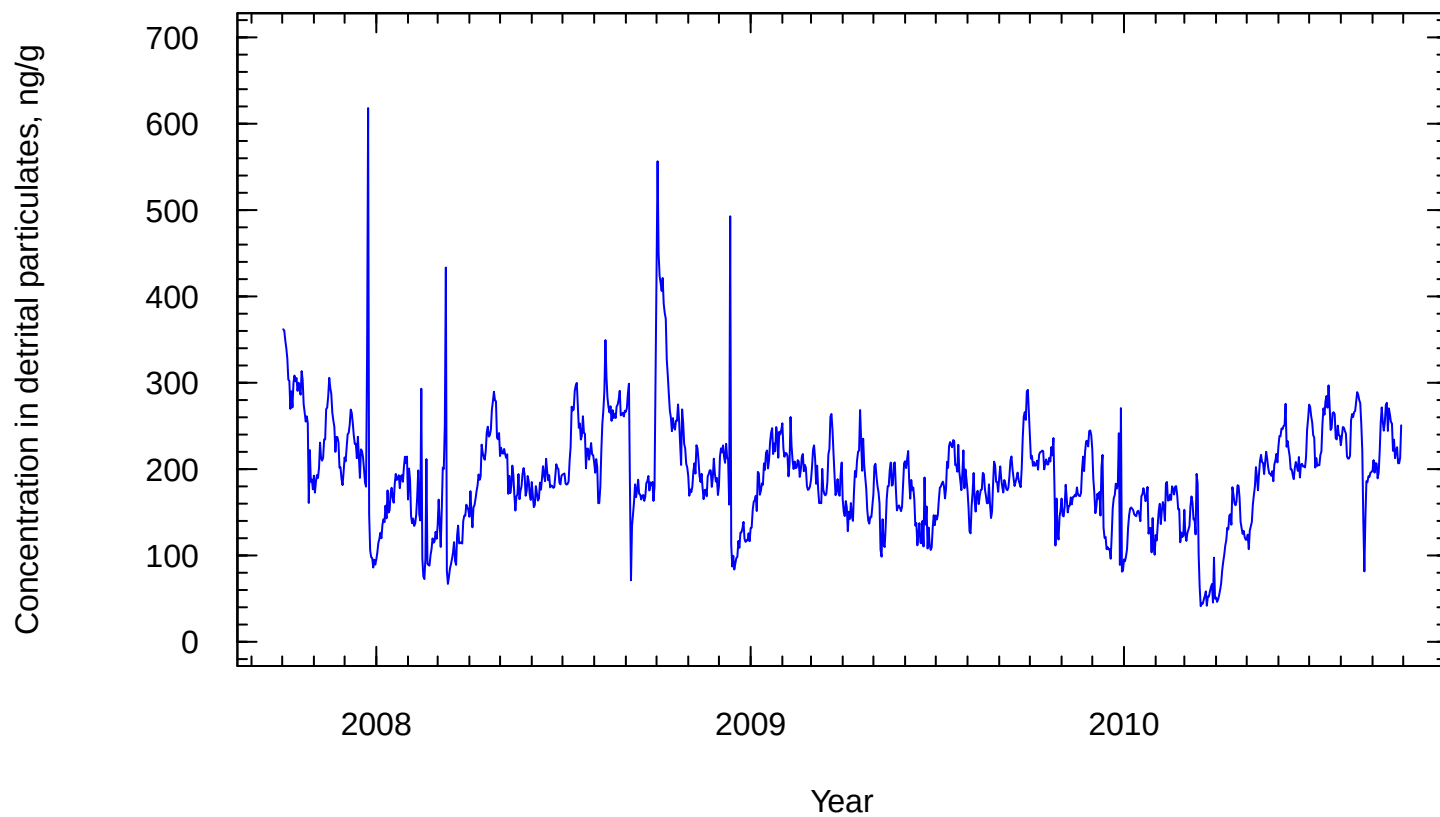
2378-TCDD, CPART in RM 6-14.7 mudflat only



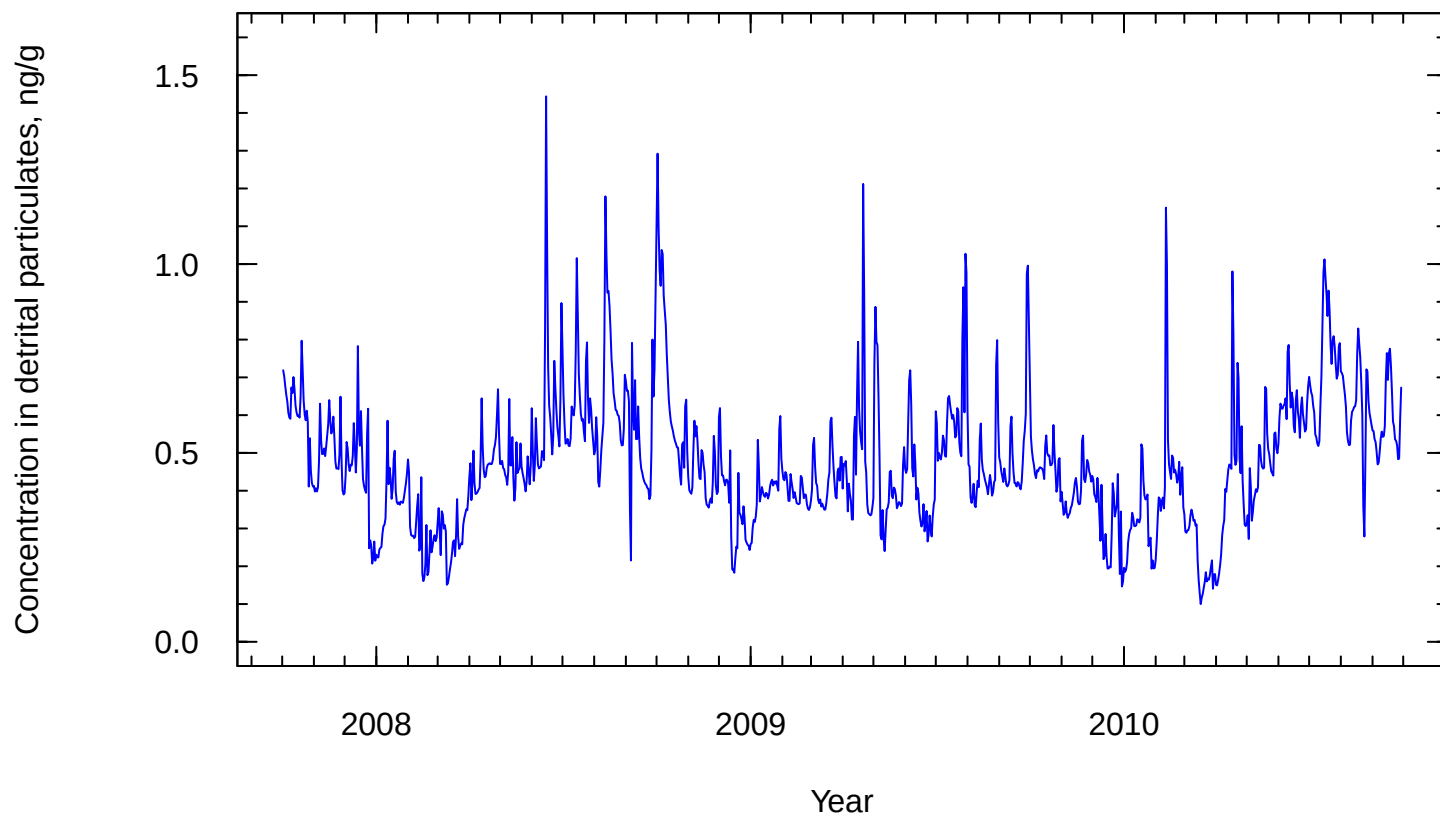
TetraCB, CPART in RM 6–14.7 whole river



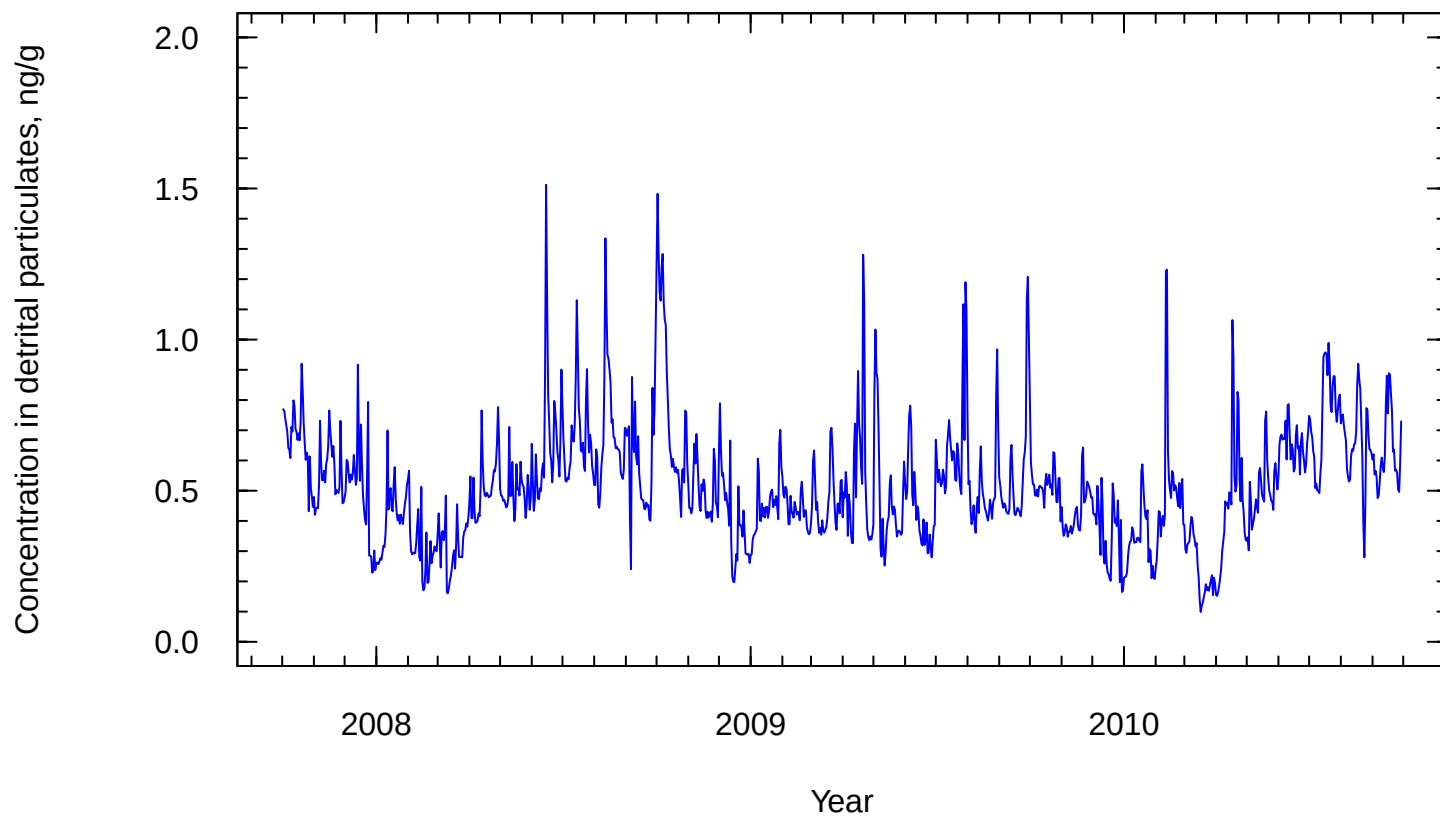
TetraCB, CPART in RM 6–14.7 mudflat only



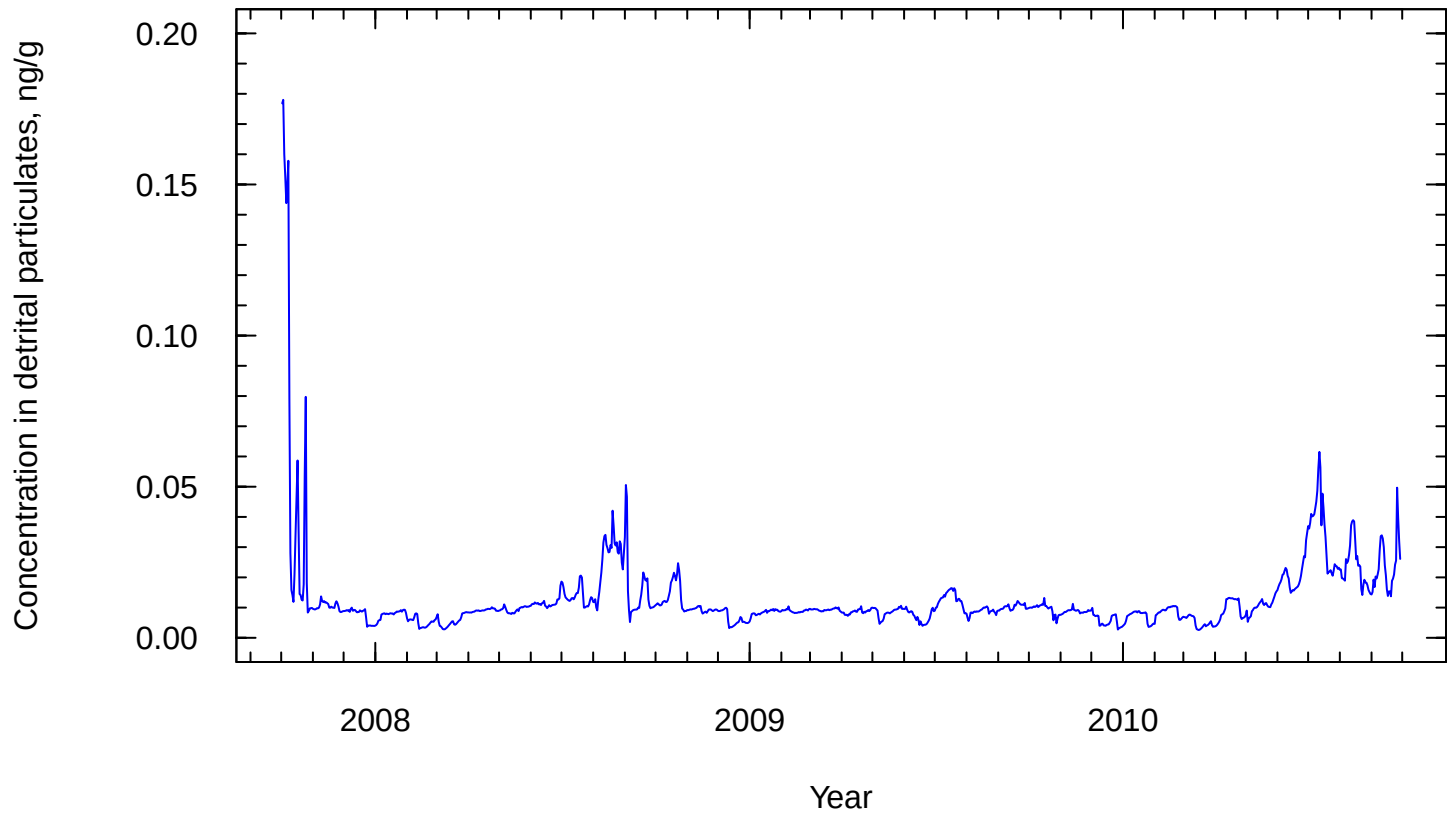
1234678-HpCDF, CPART in RM 6–14.7 whole river



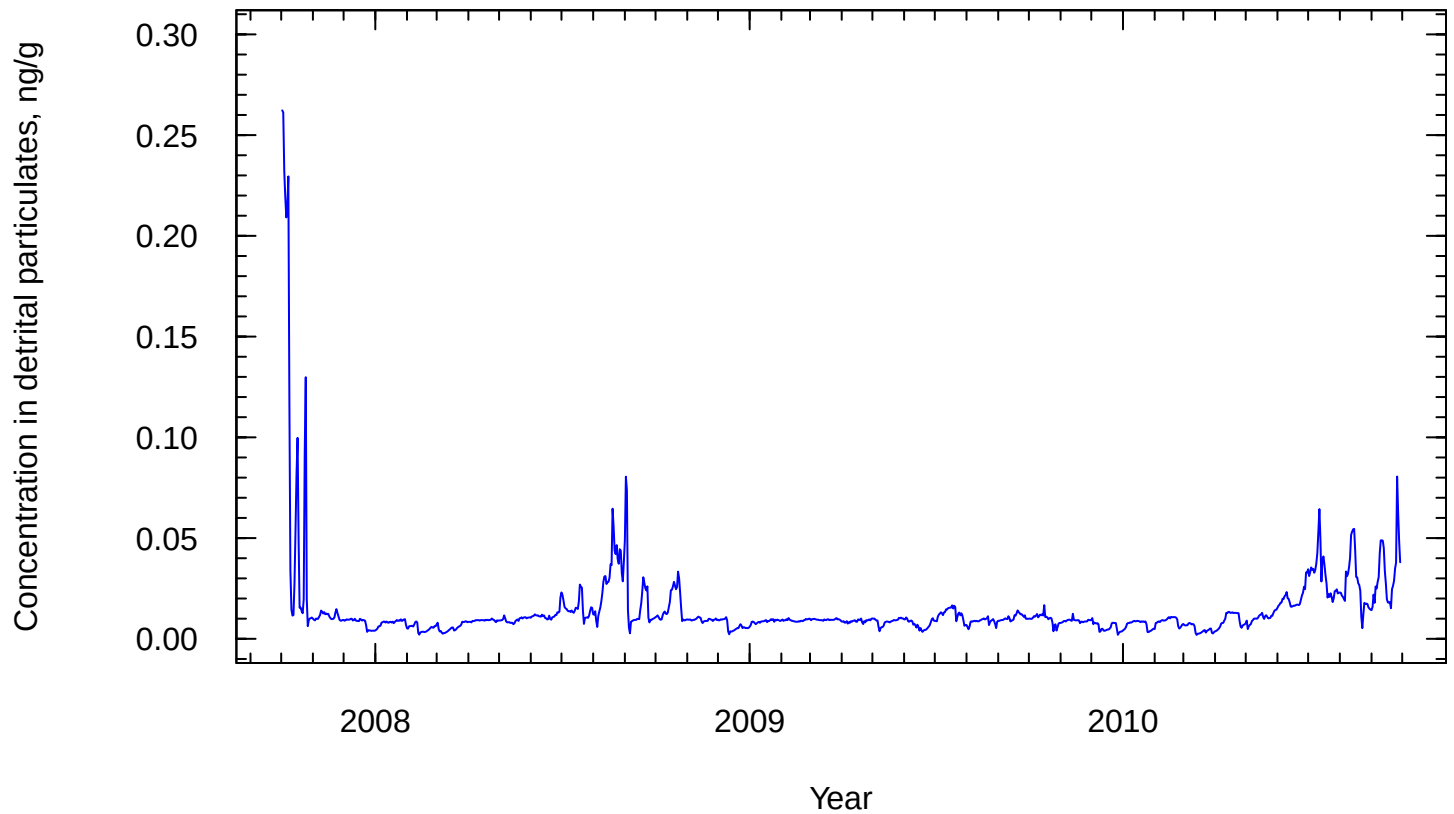
1234678-HpCDF, CPART in RM 6–14.7 mudflat only



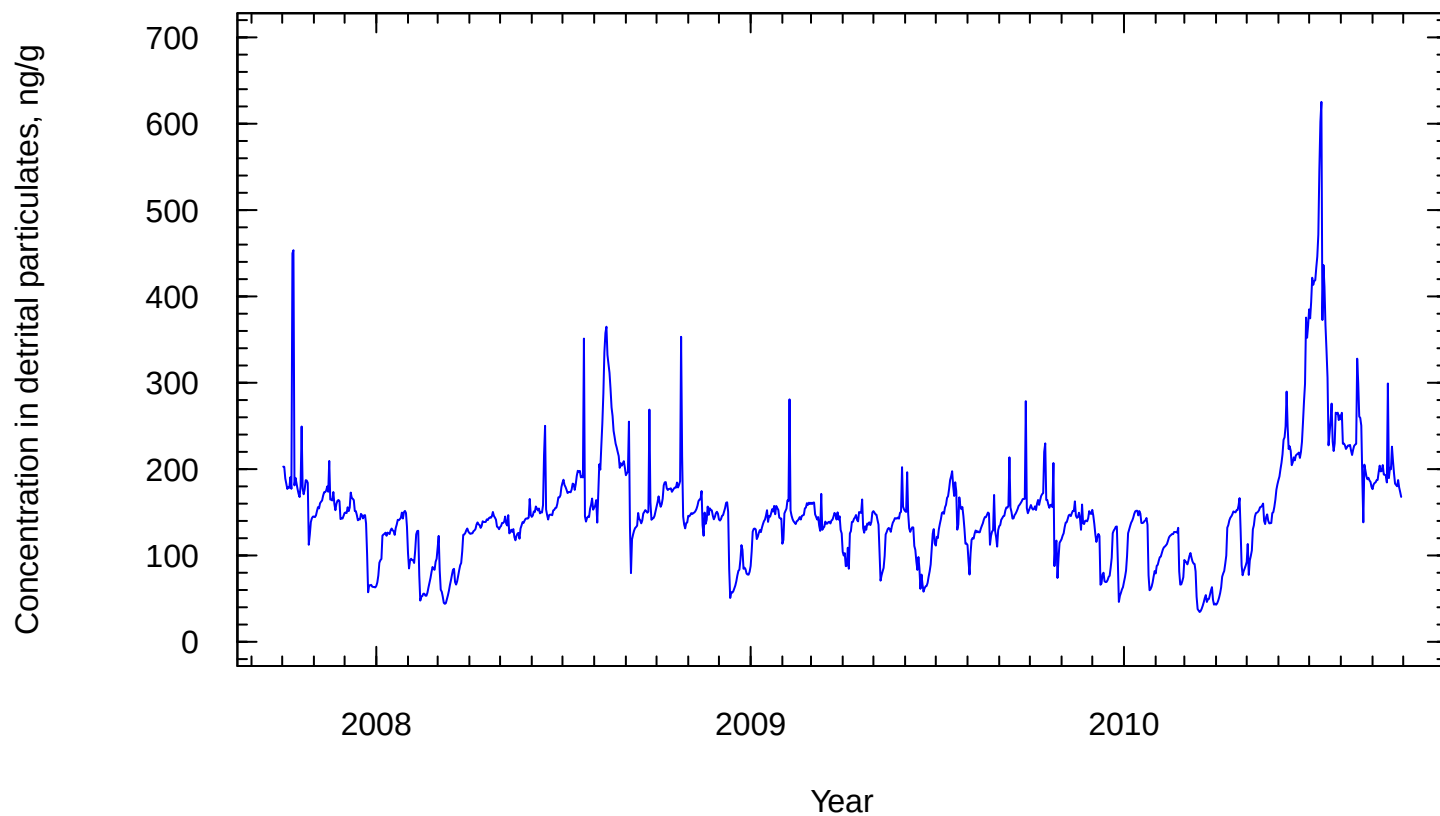
2378-TCDD, CPART in RM 14.7-Dam whole river



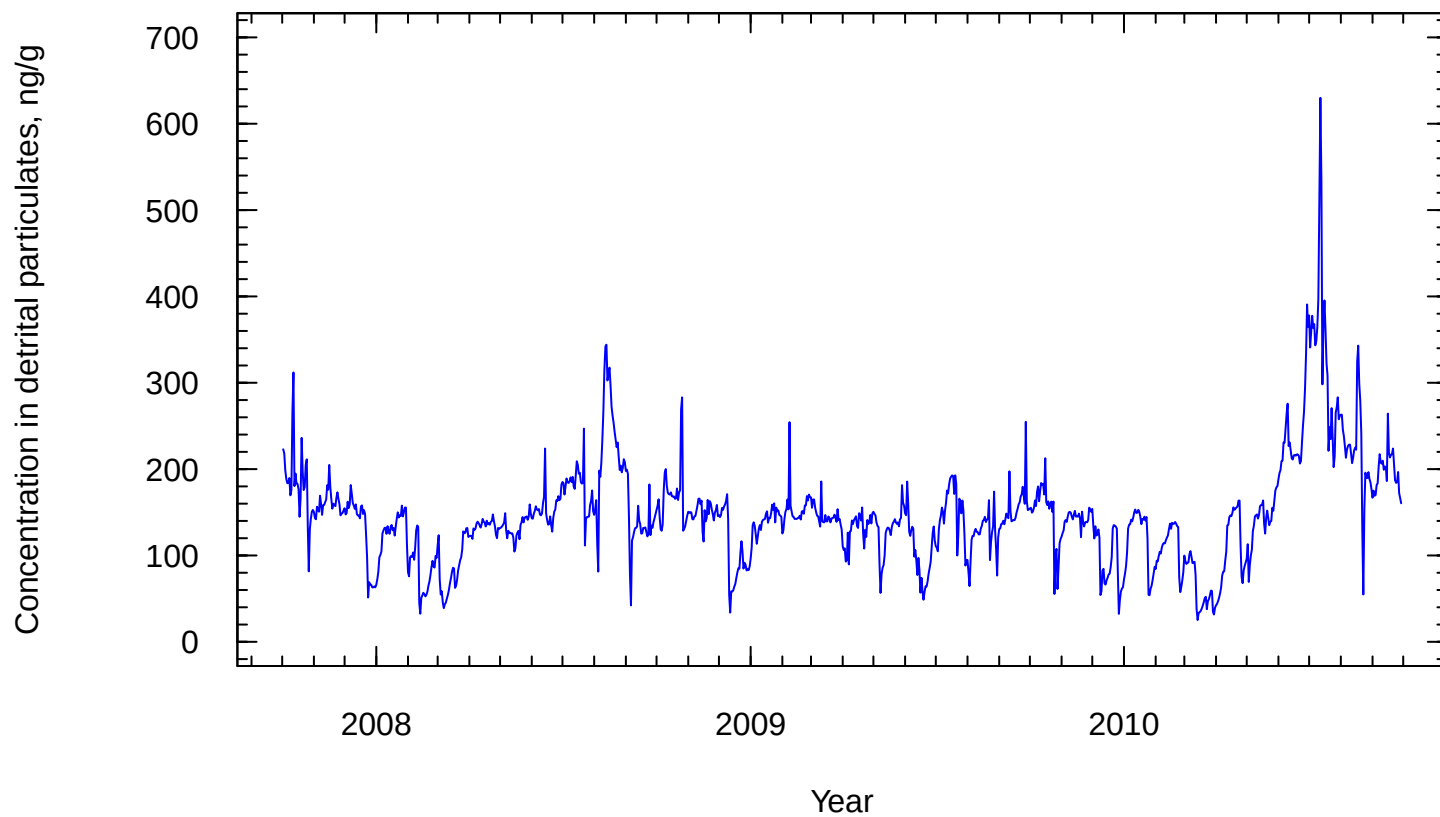
2378-TCDD, CPART in RM 14.7-Dam mudflat only



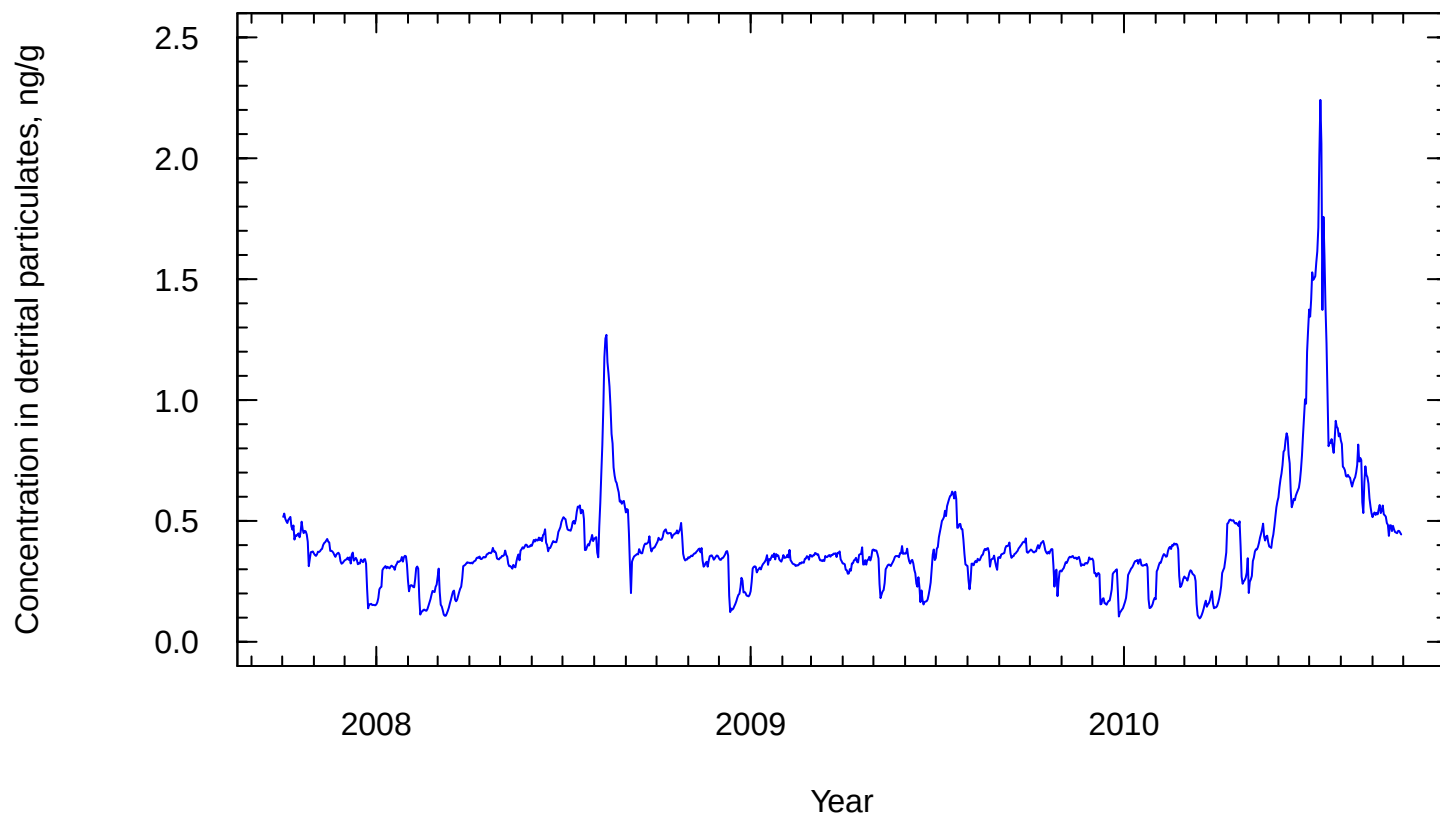
TetraCB, CPART in RM 14.7–Dam whole river



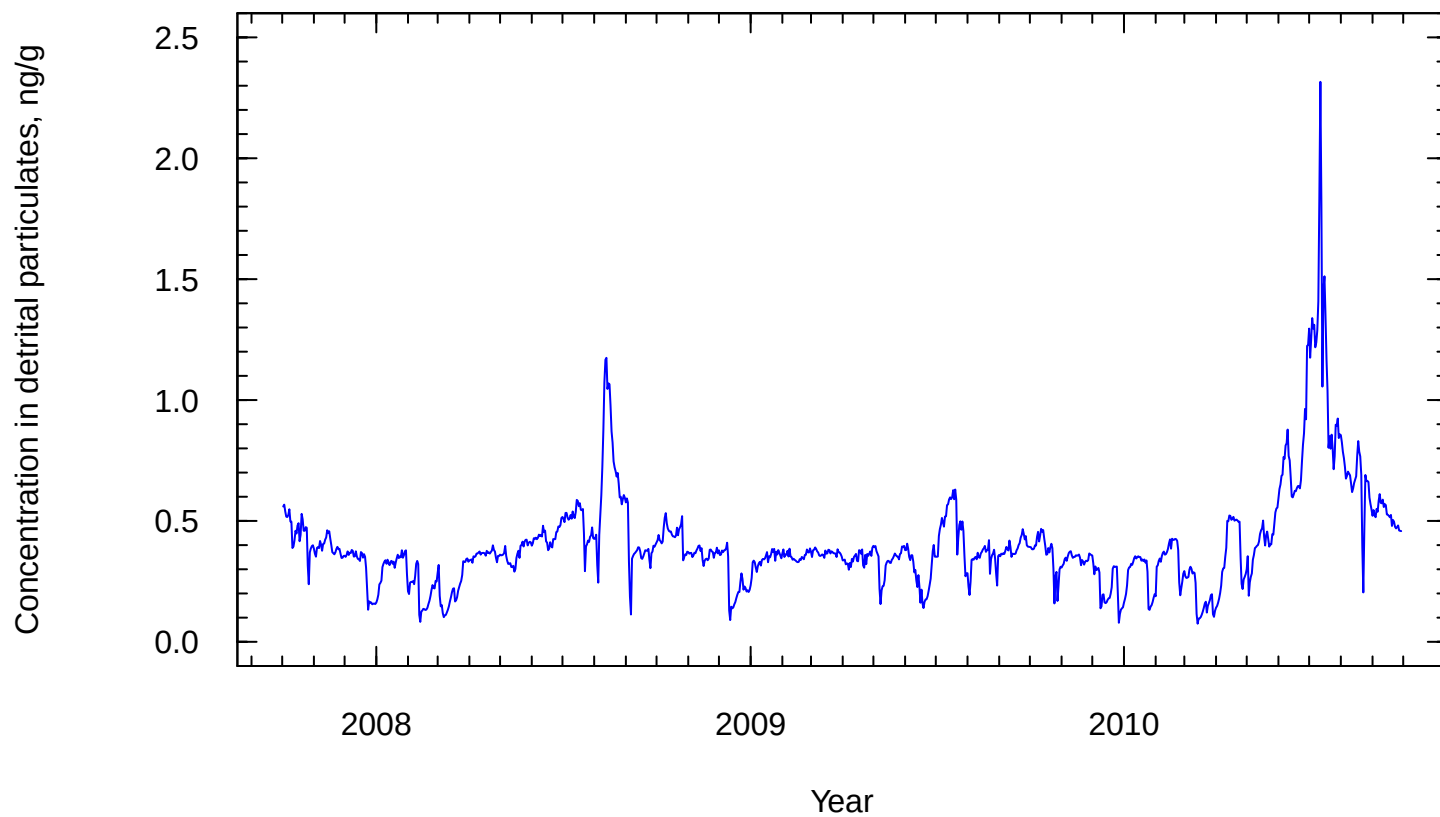
TetraCB, CPART in RM 14.7–Dam mudflat only



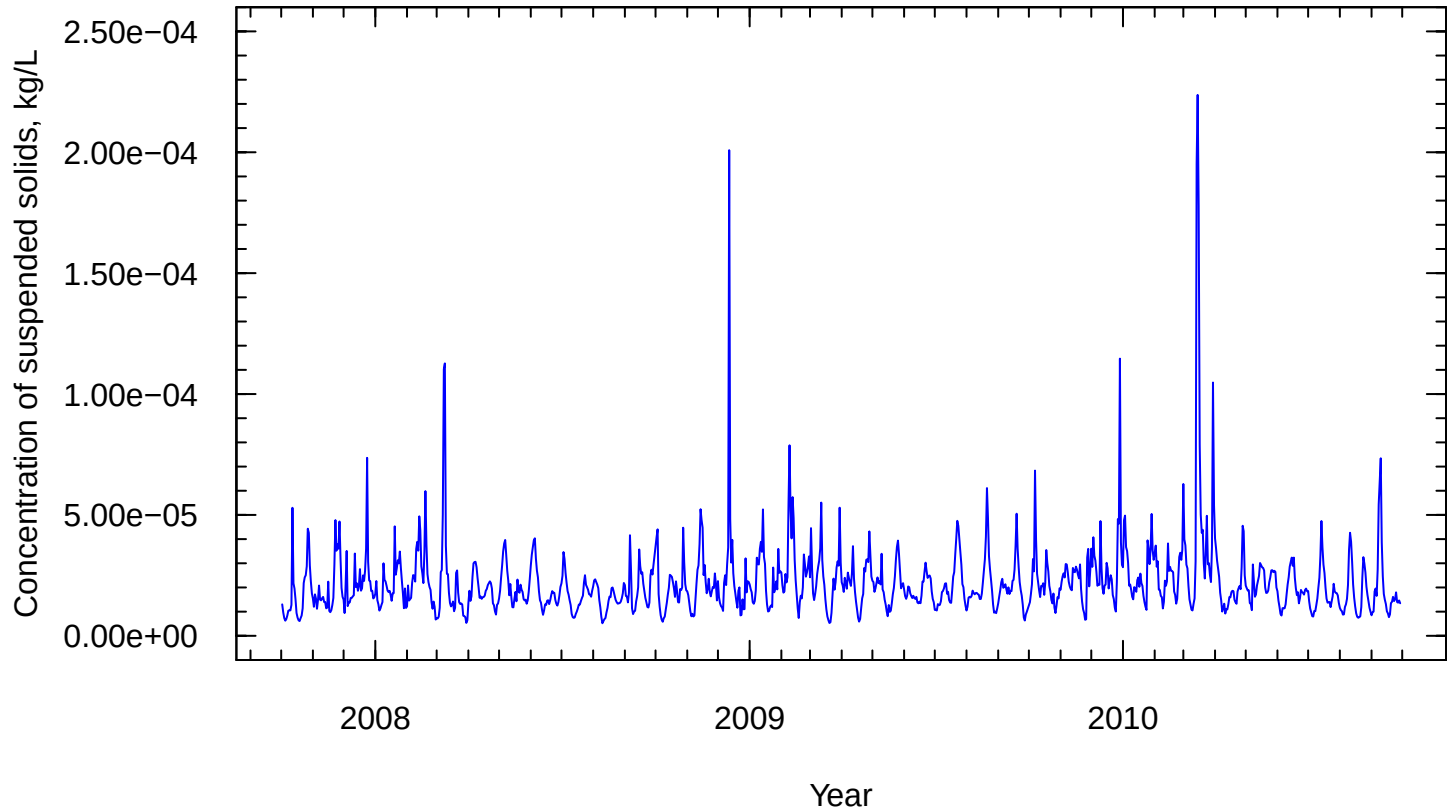
1234678–HpCDF, CPART in RM 14.7–Dam whole river



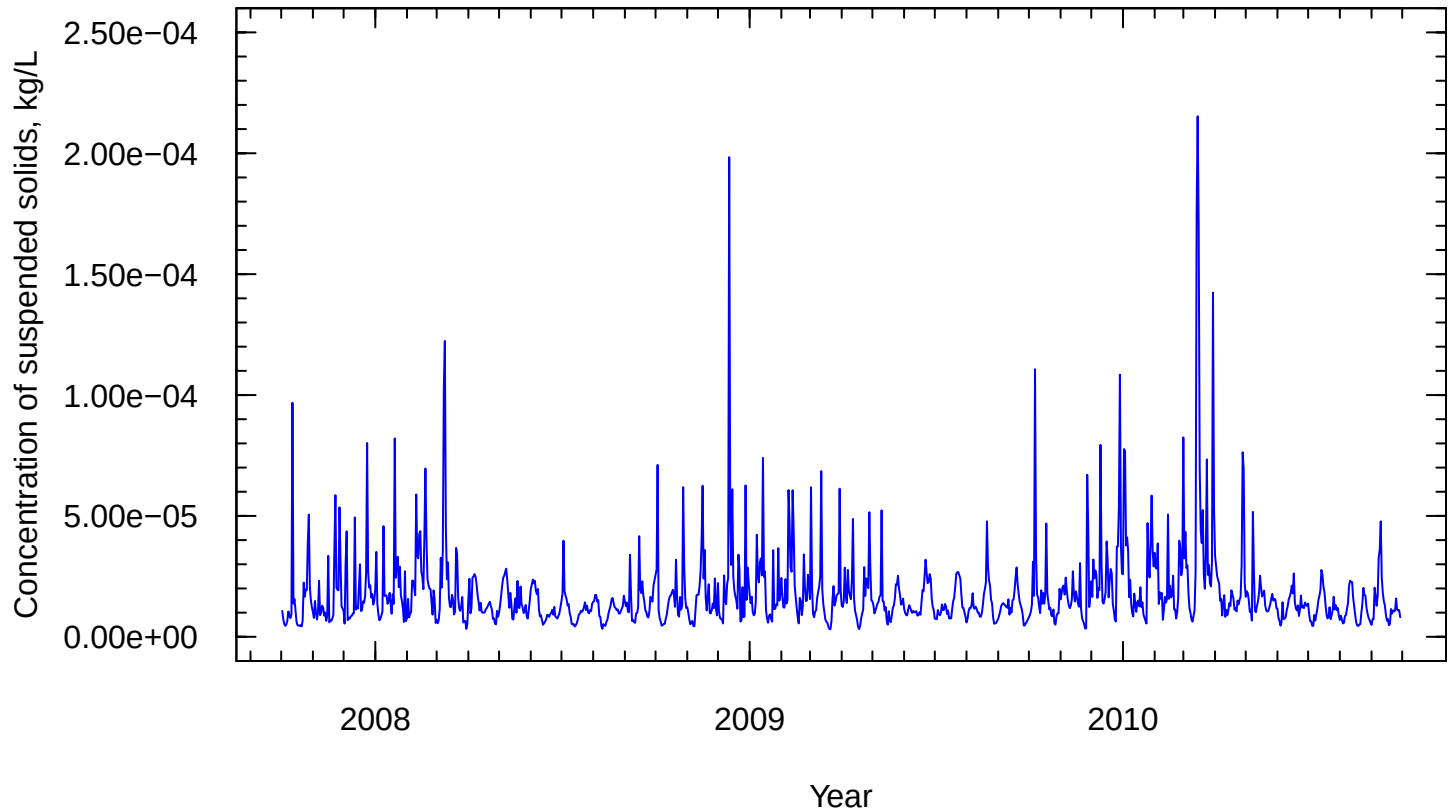
1234678–HpCDF, CPART in RM 14.7–Dam mudflat only



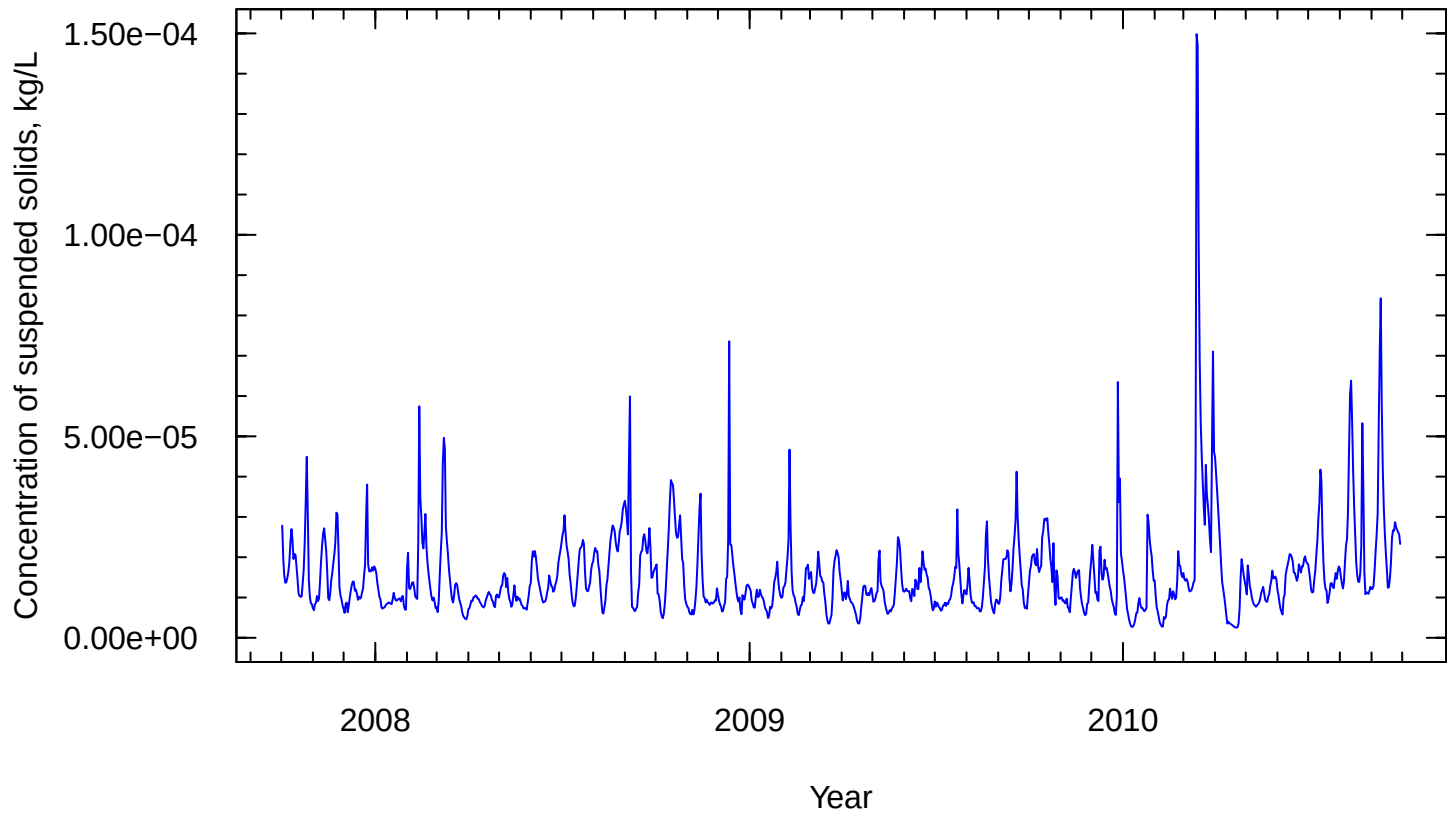
CPW in RM 0–6 whole river



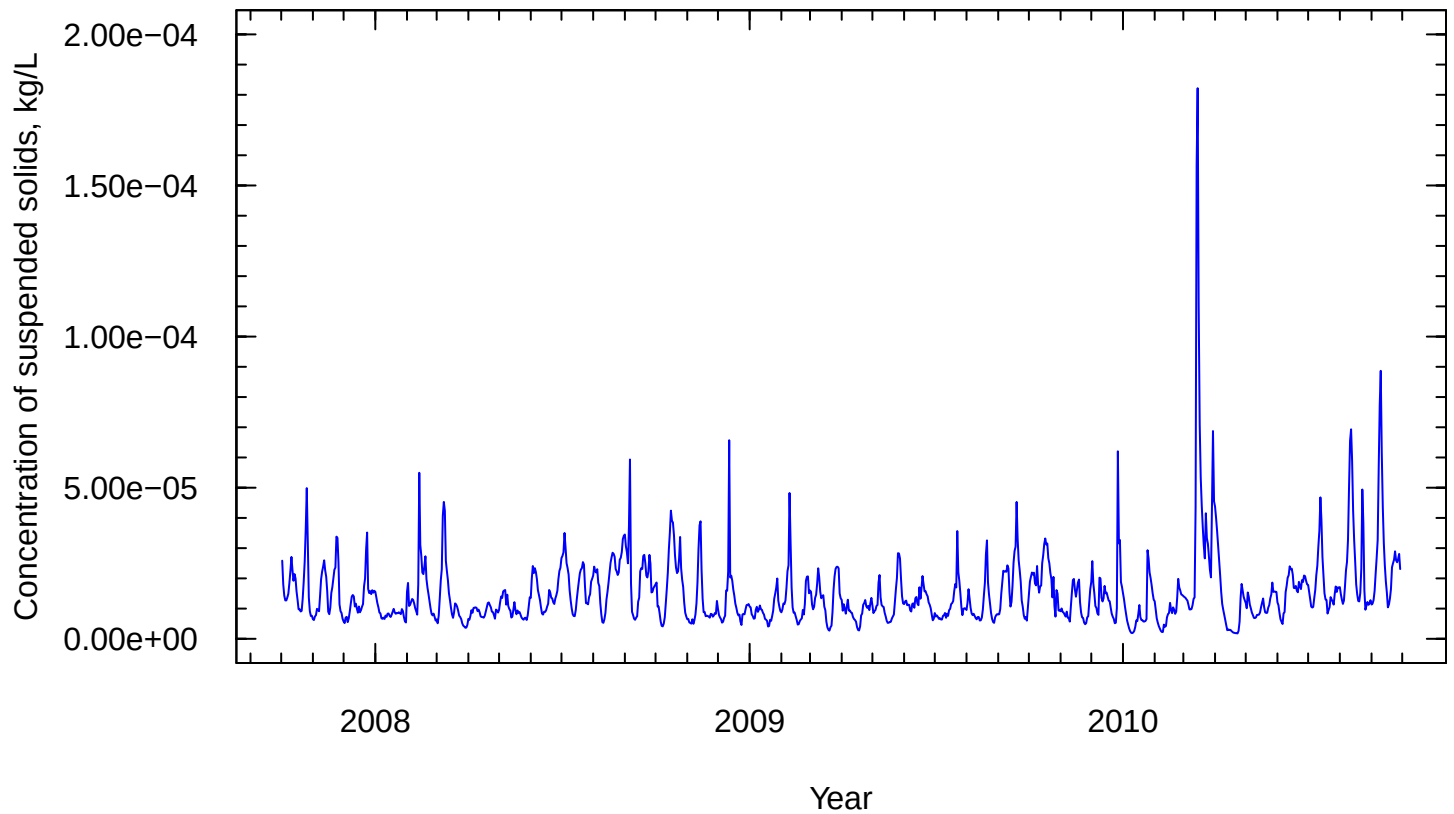
CPW in RM 0–6 mudflat only



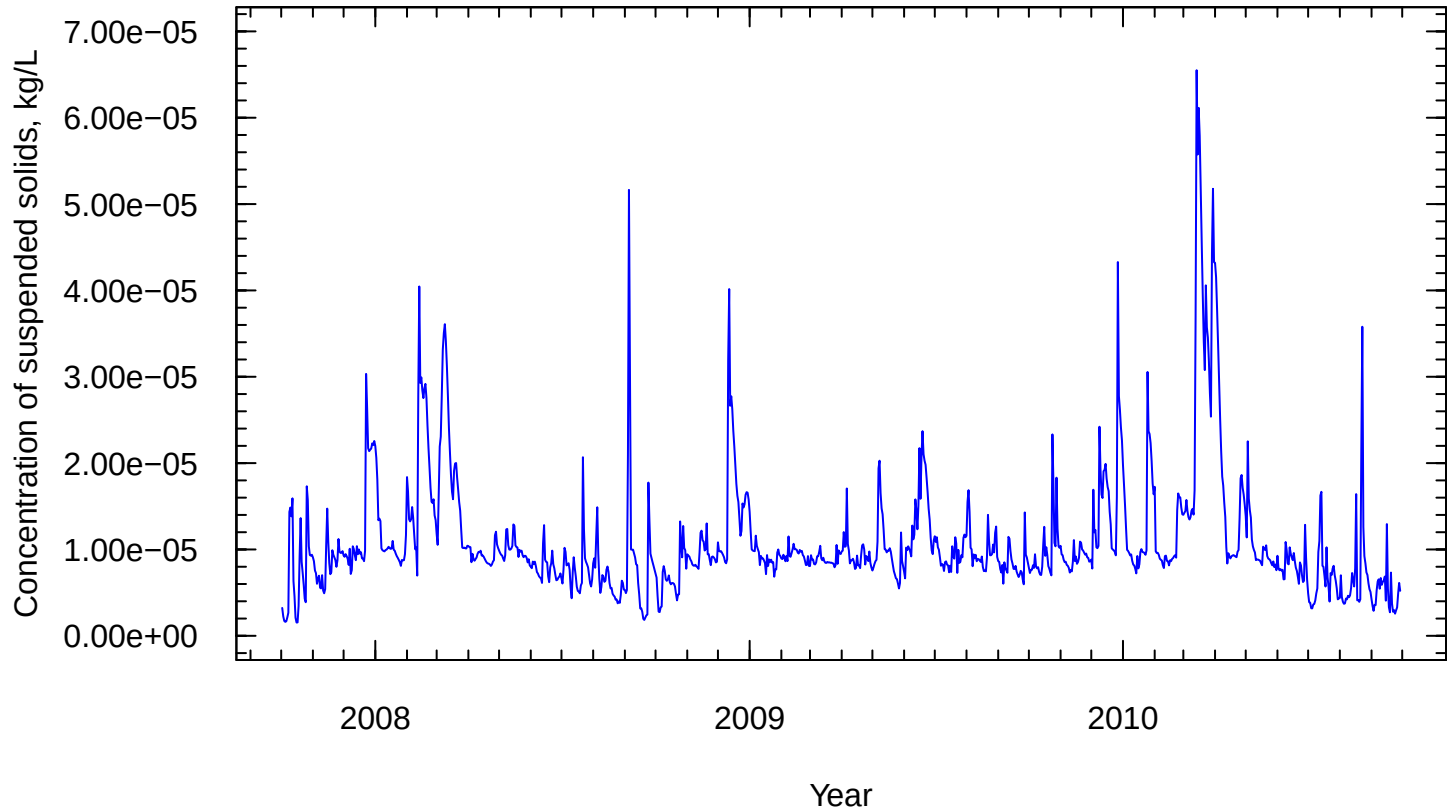
CPW in RM 6–14.7 whole river



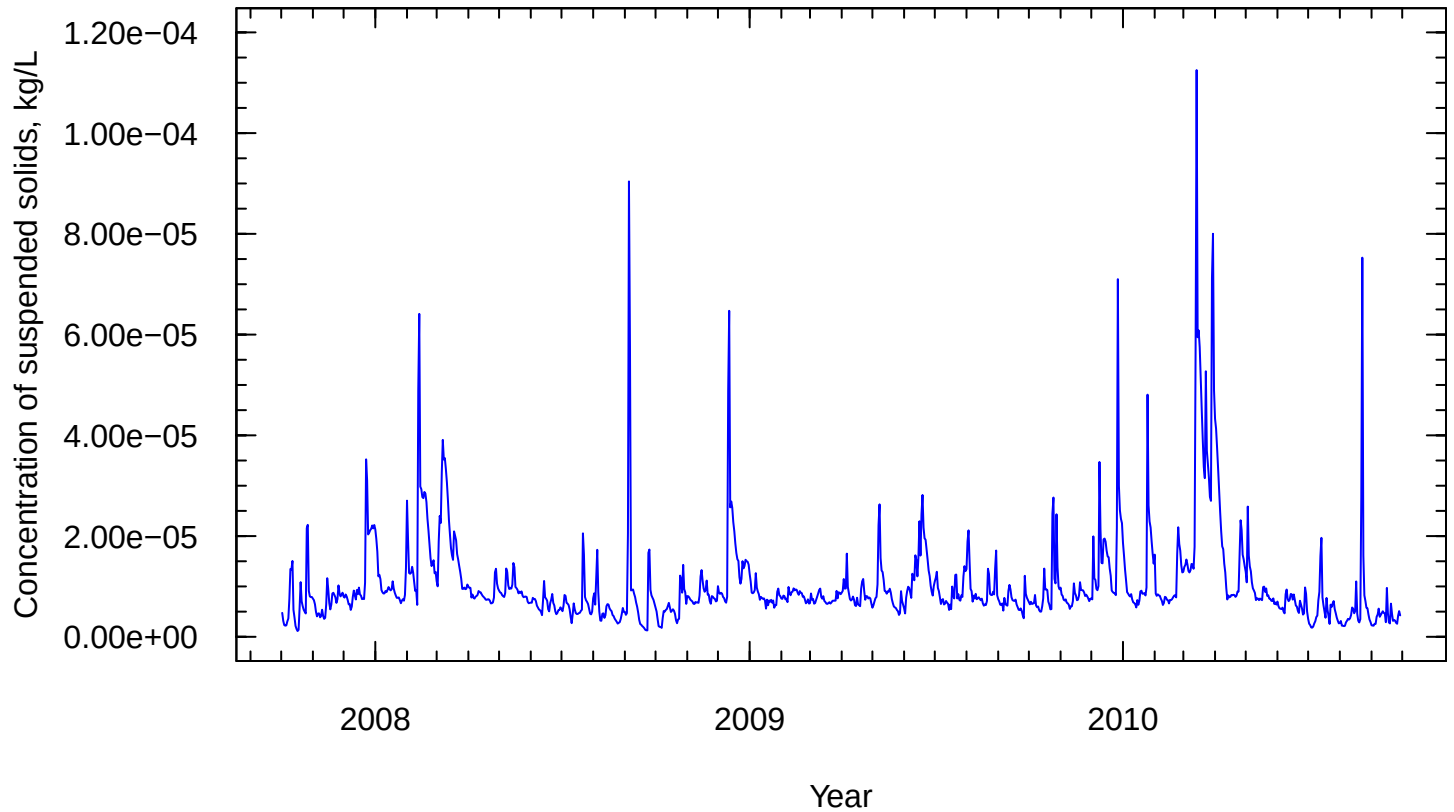
CPW in RM 6–14.7 mudflat only

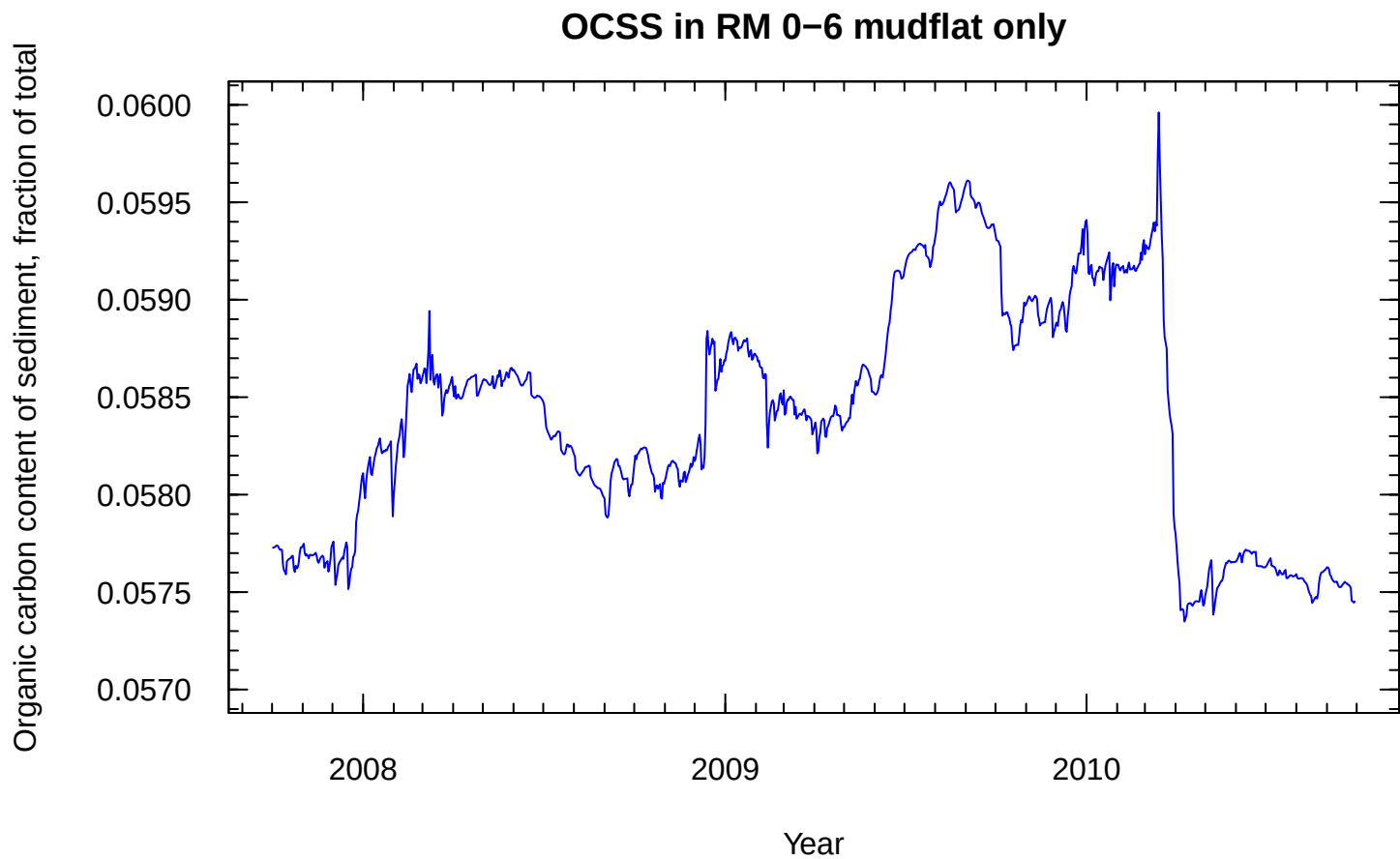
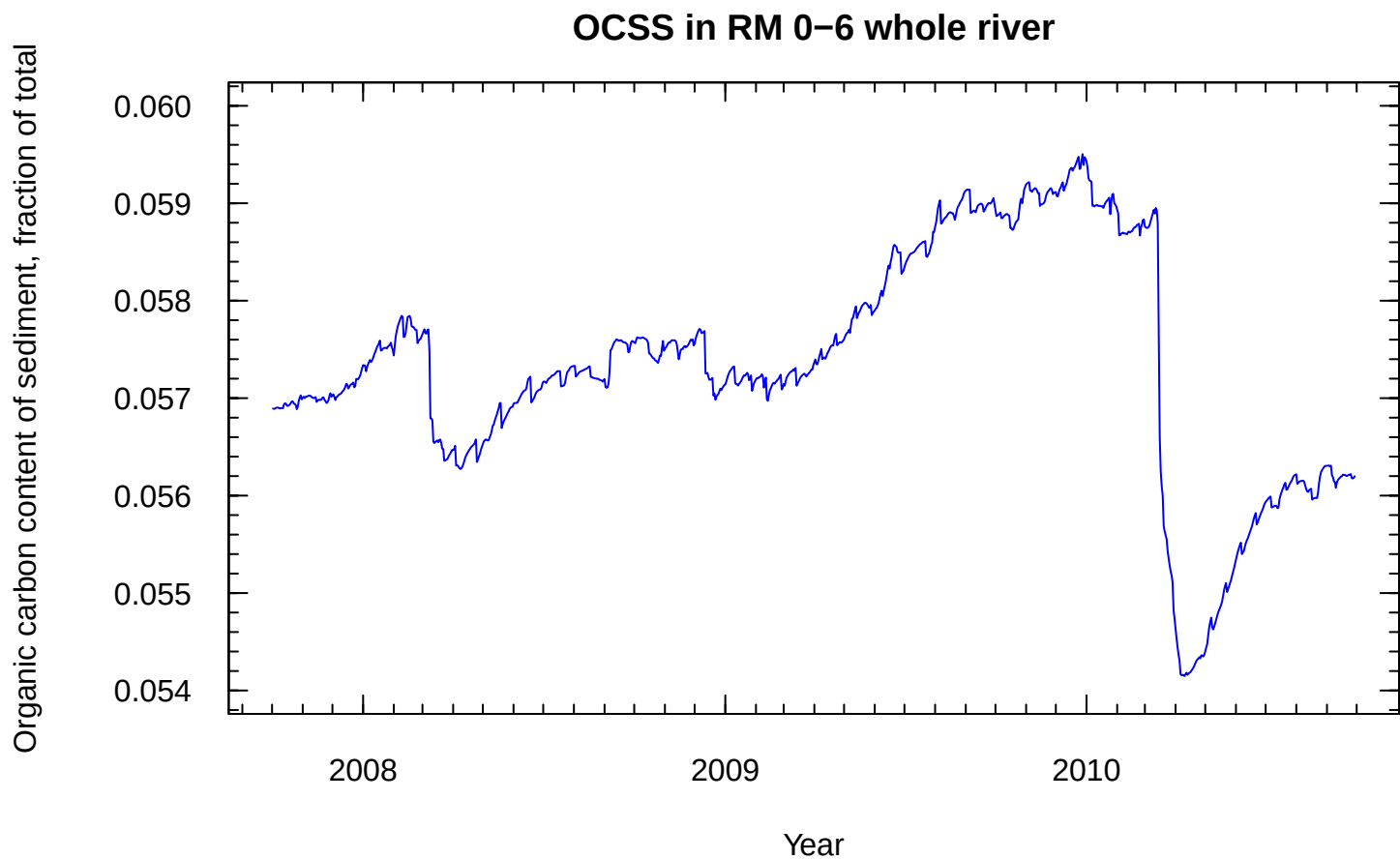


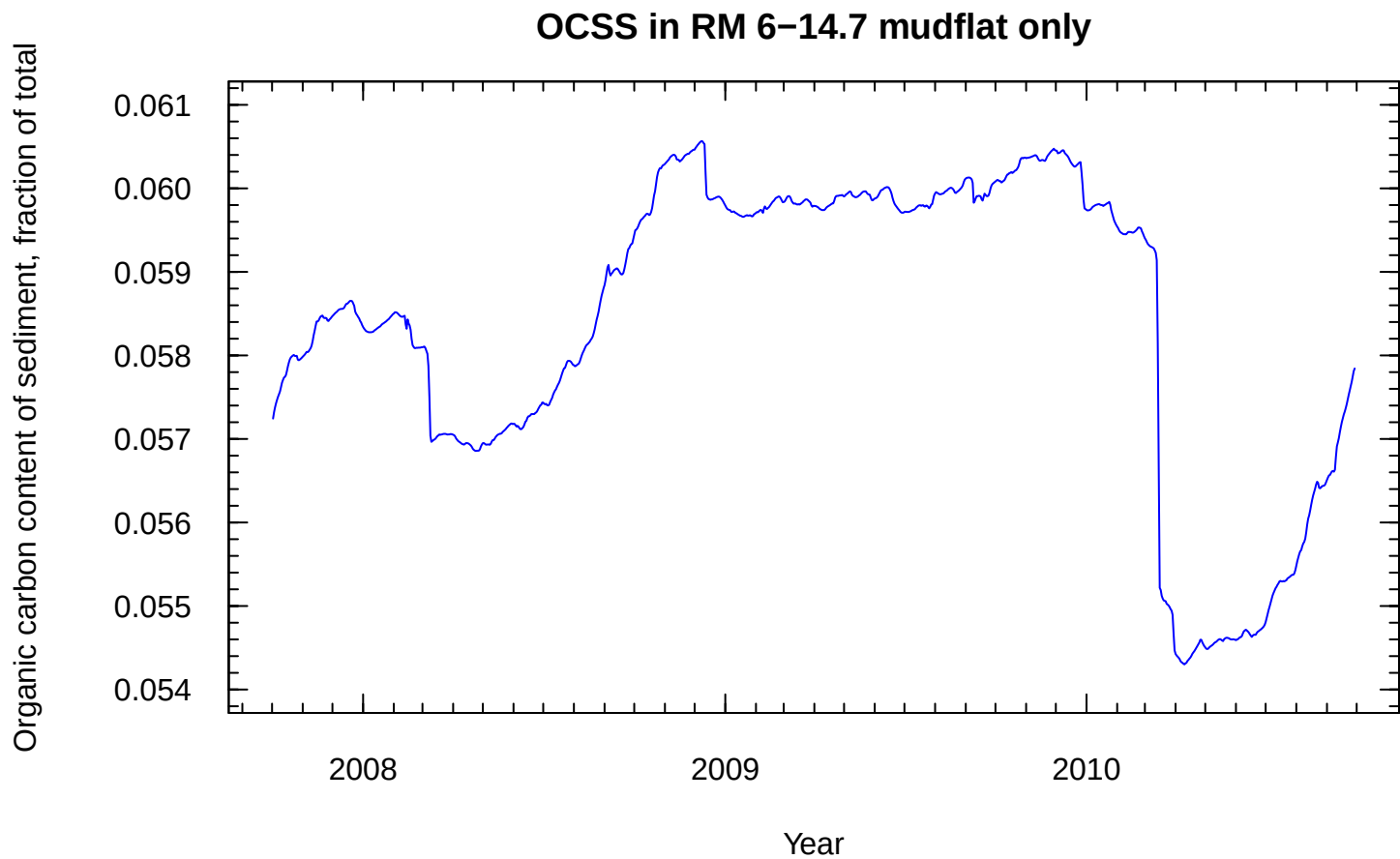
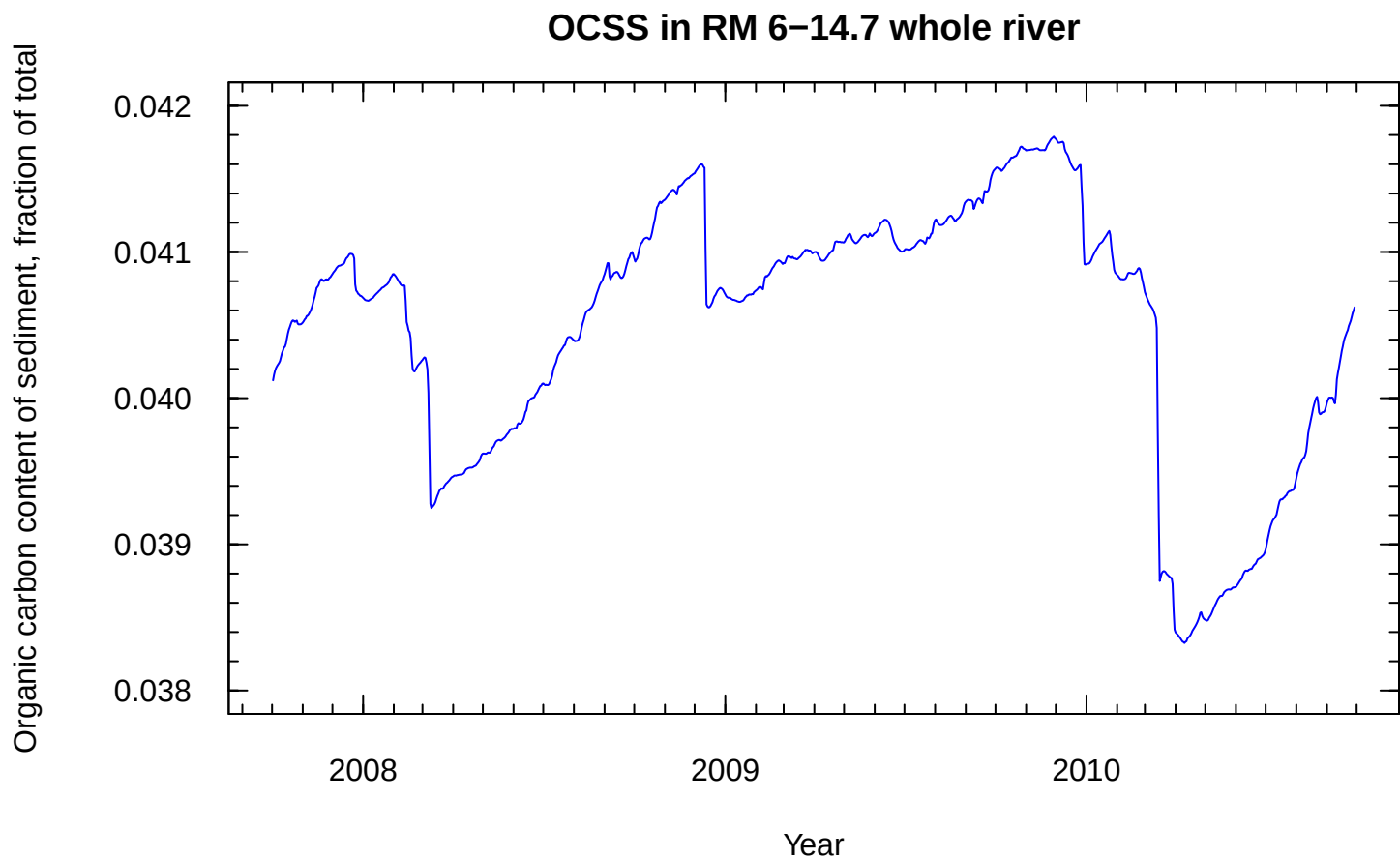
CPW in RM 14.7–Dam whole river



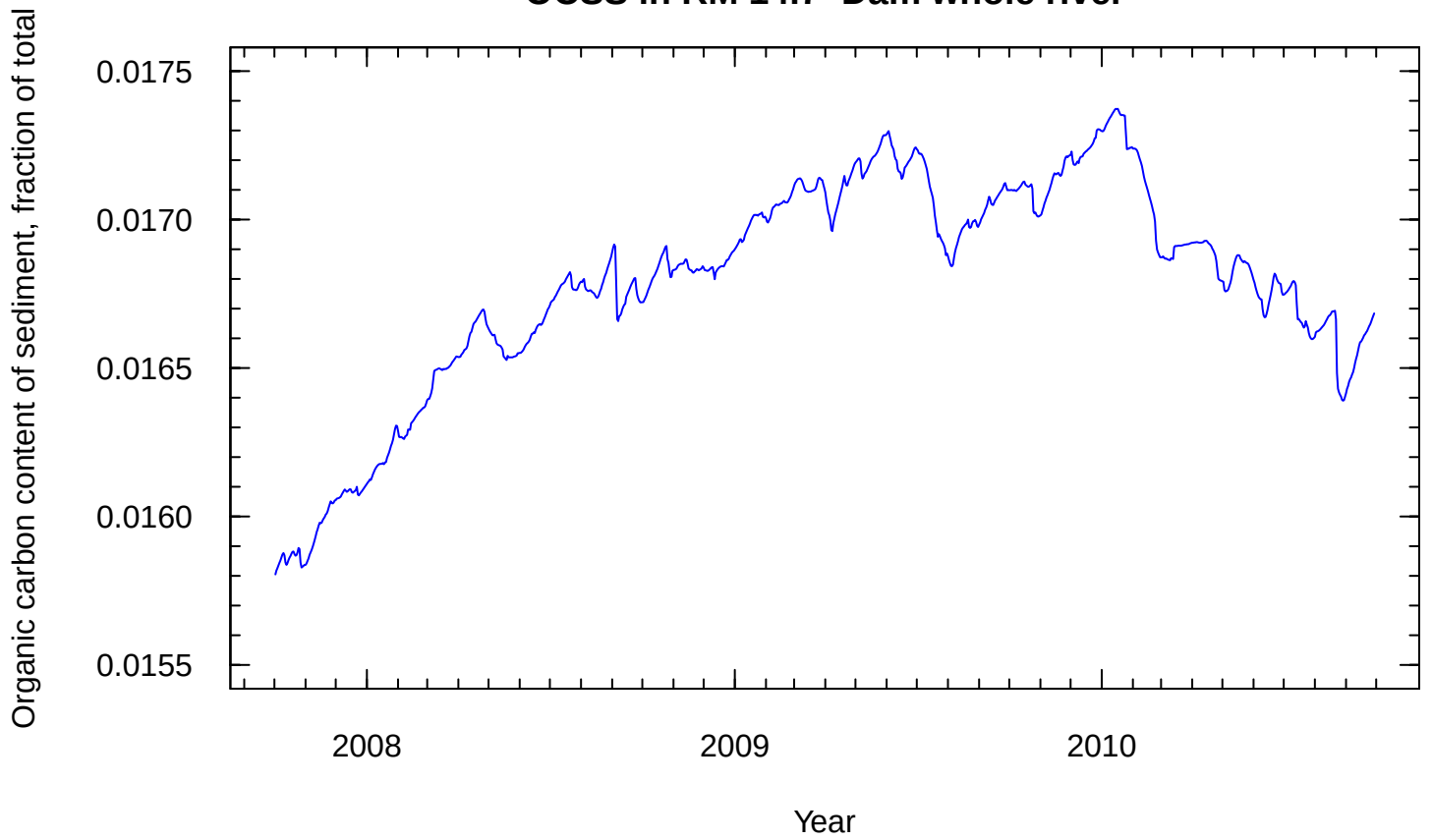
CPW in RM 14.7–Dam mudflat only



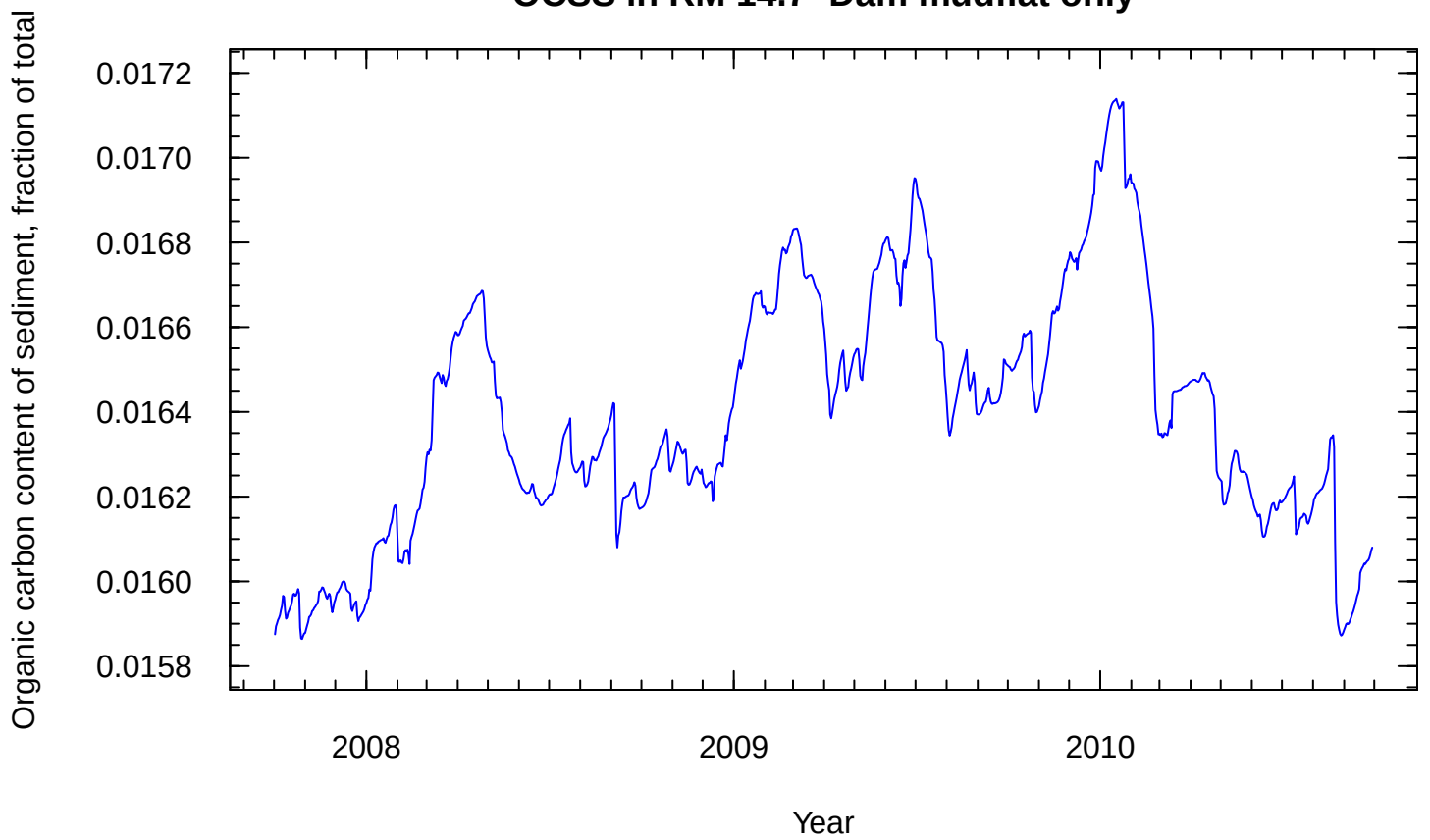




OCSS in RM 14.7–Dam whole river

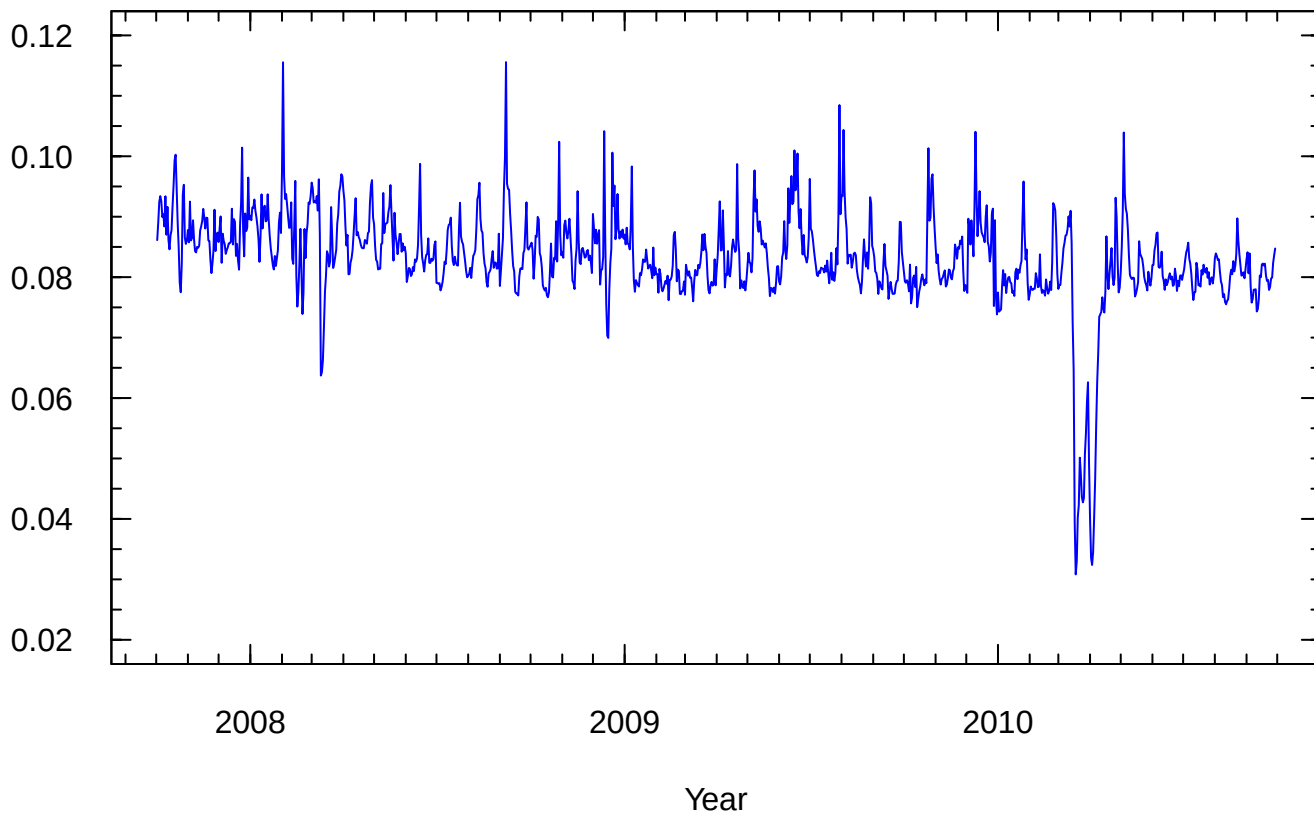


OCSS in RM 14.7–Dam mudflat only



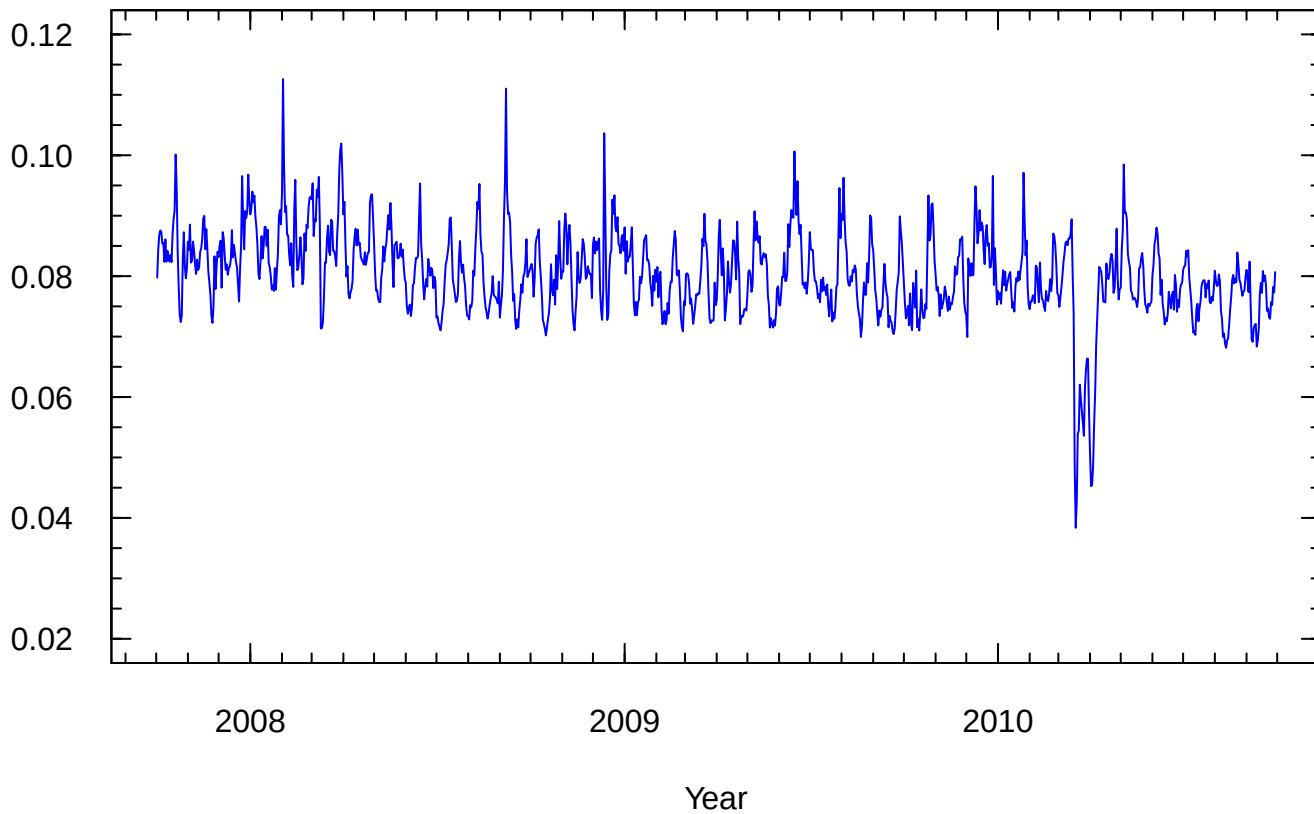
Organic carbon content of detrital particulates, fraction of total

OCPART in RM 0–6 whole river



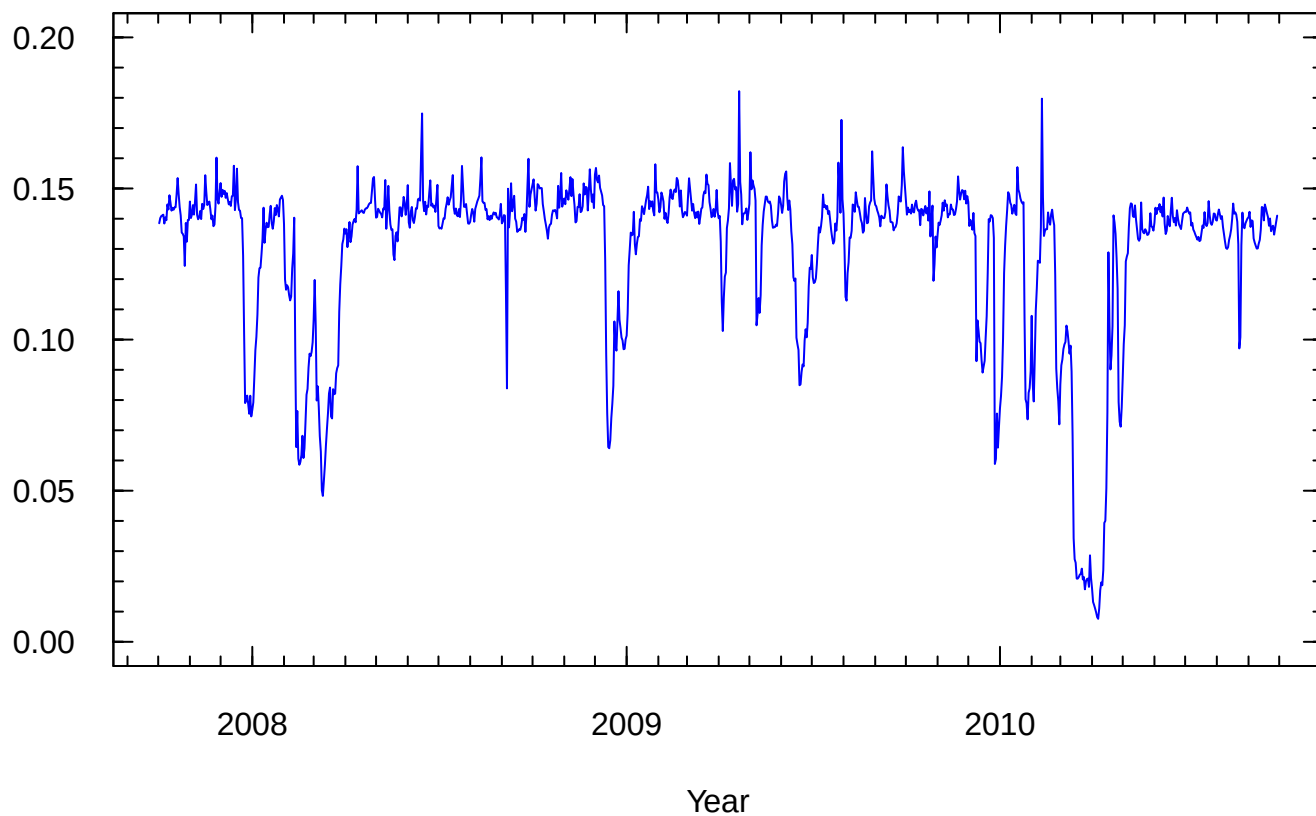
Organic carbon content of detrital particulates, fraction of total

OCPART in RM 0–6 mudflat only



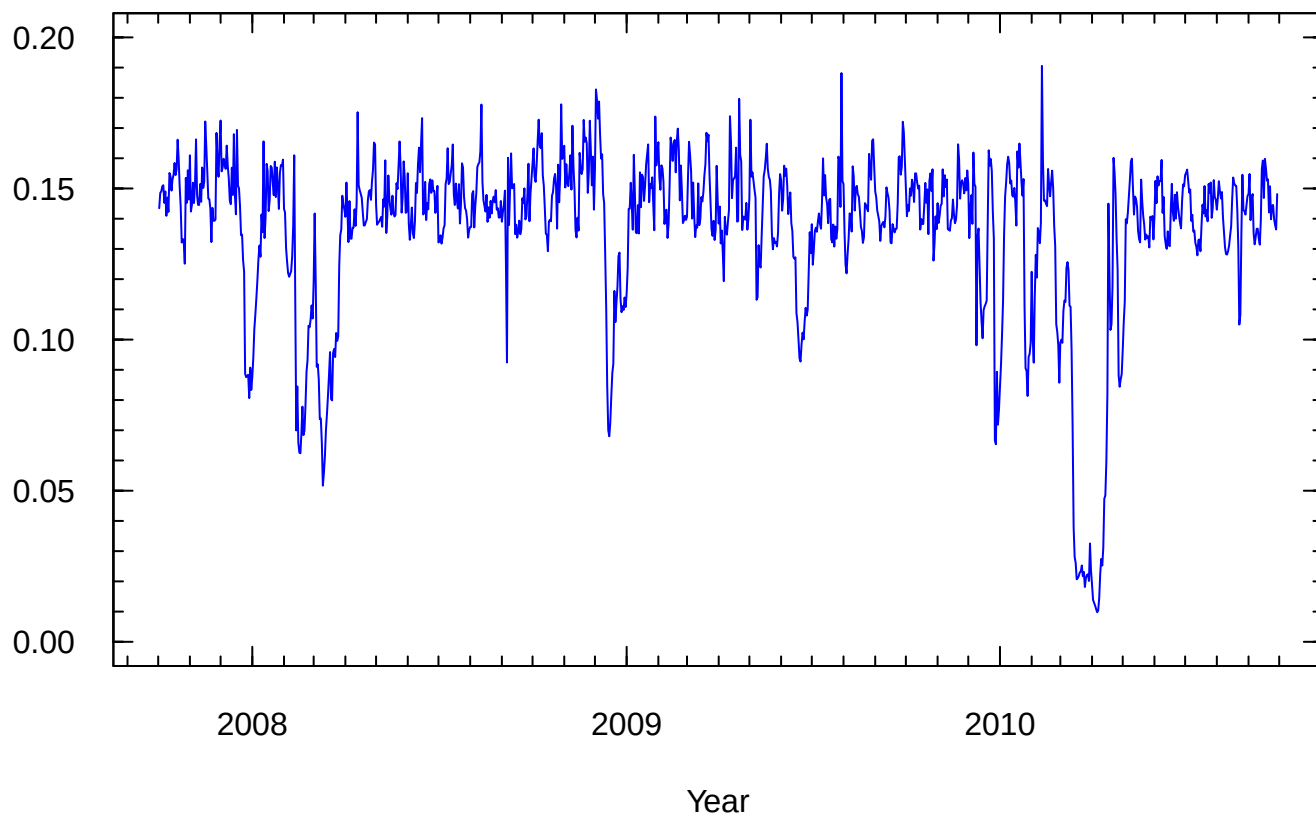
Organic carbon content of detrital particulates, fraction of total

OCPART in RM 6–14.7 whole river



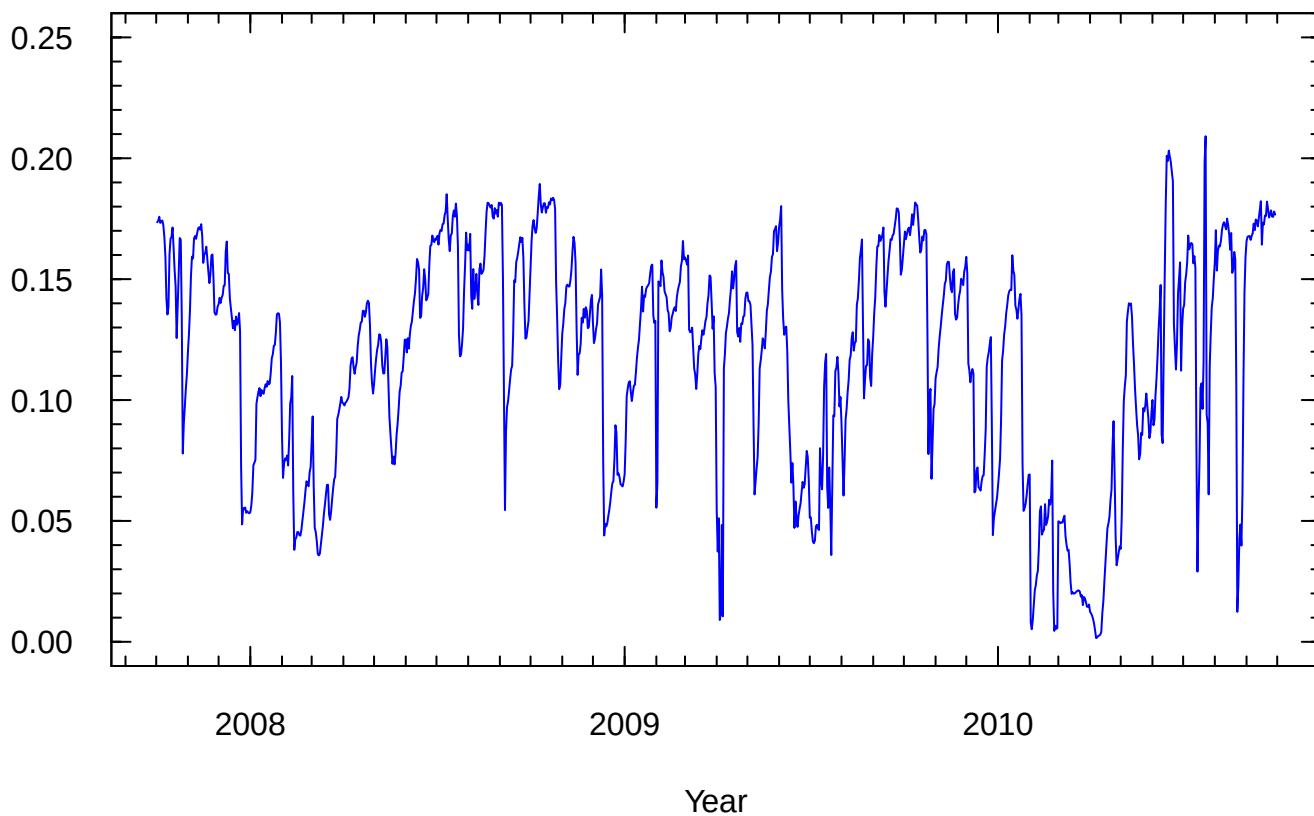
Organic carbon content of detrital particulates, fraction of total

OCPART in RM 6–14.7 mudflat only



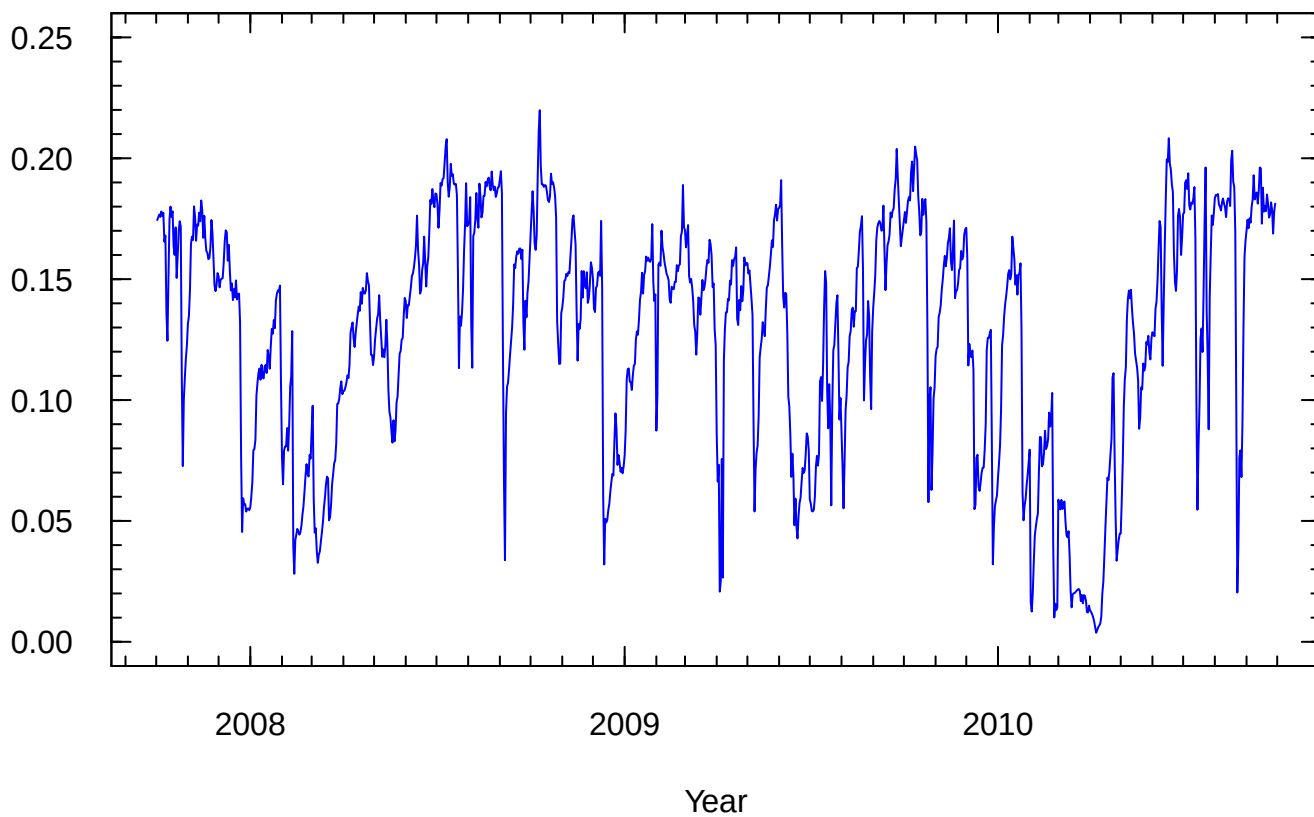
Organic carbon content of detrital particulates, fraction of total

OCPART in RM 14.7–Dam whole river

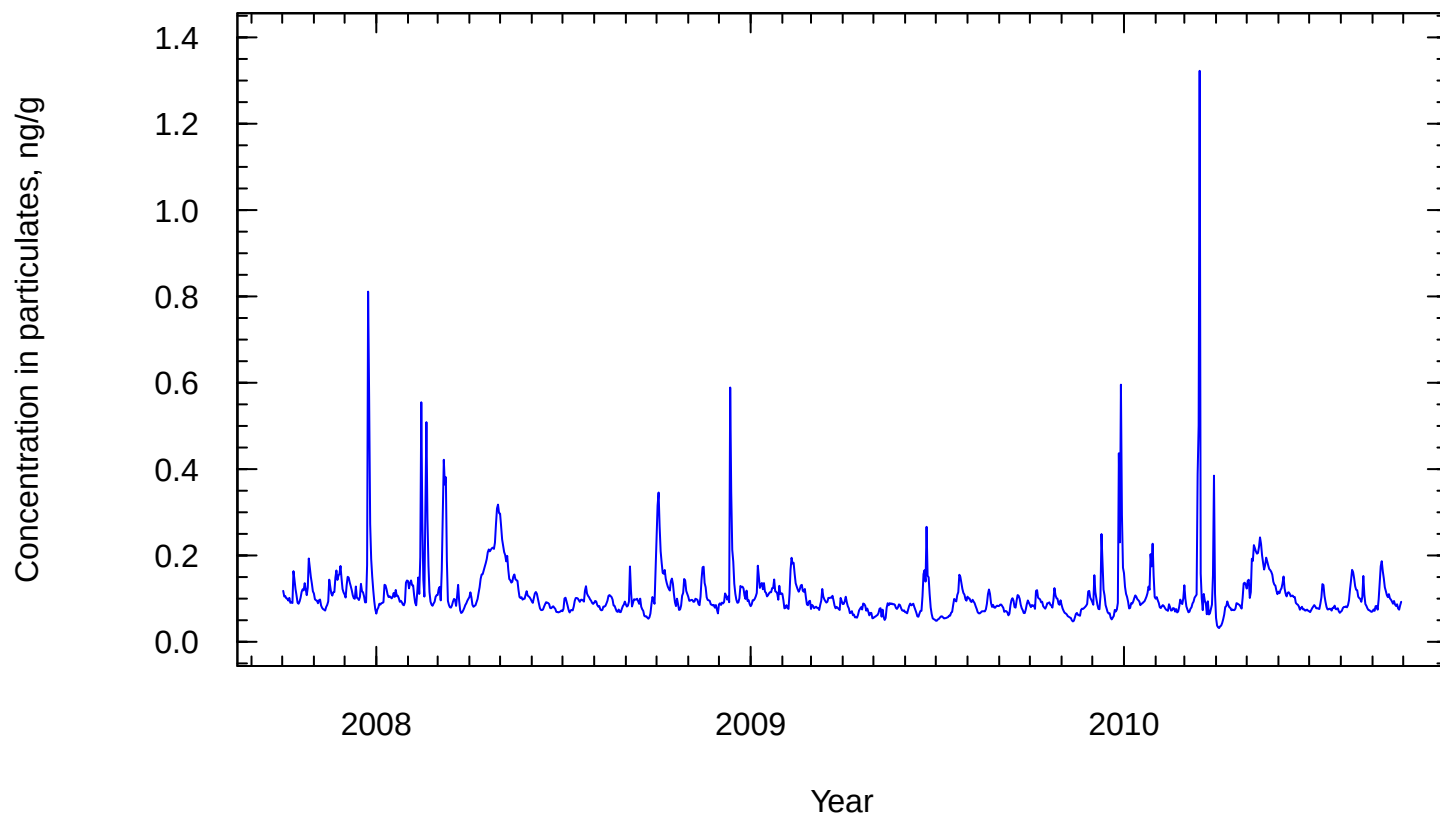


Organic carbon content of detrital particulates, fraction of total

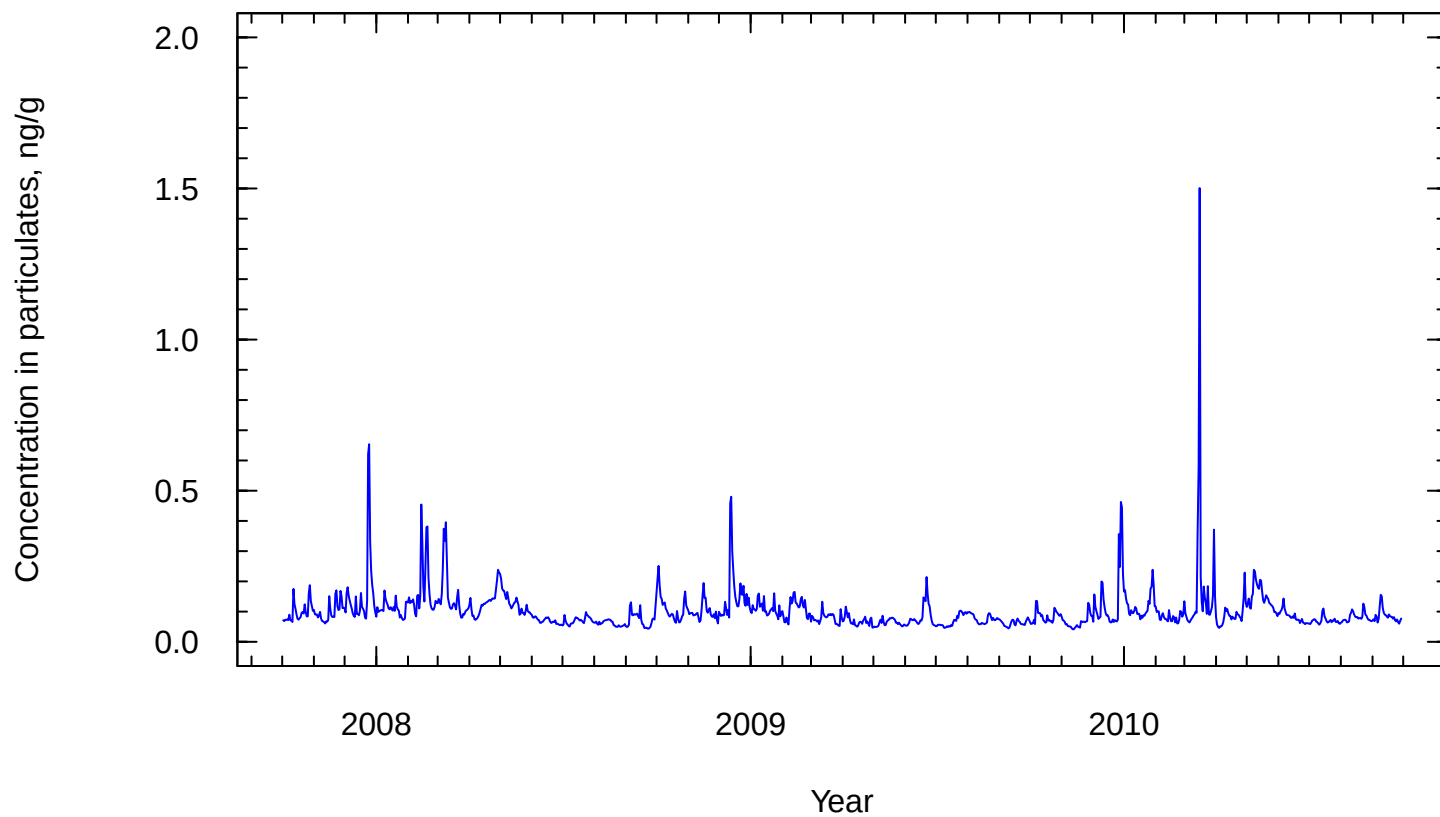
OCPART in RM 14.7–Dam mudflat only



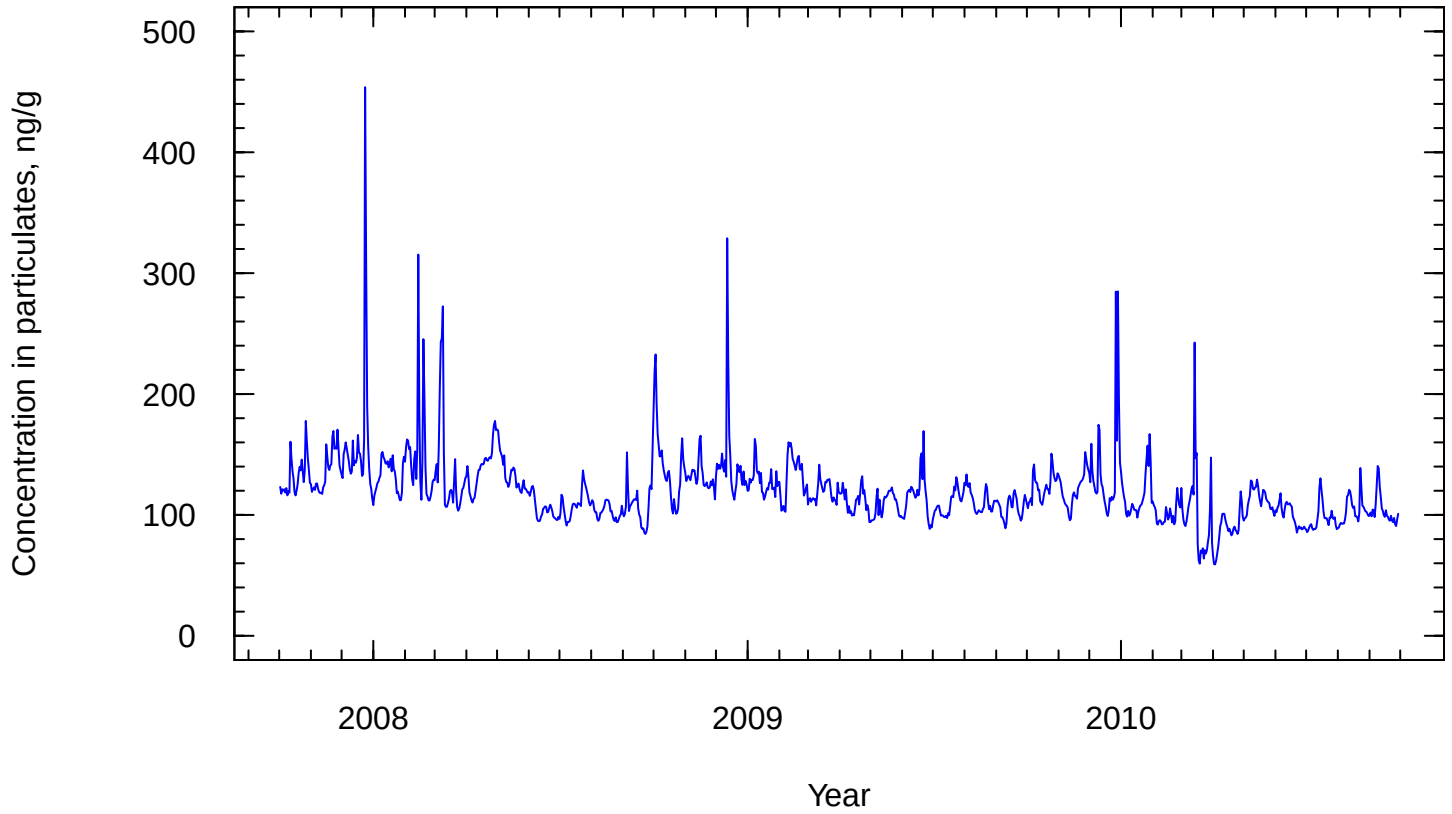
2378-TCDD, CPART_DET in RM 0-6 whole river



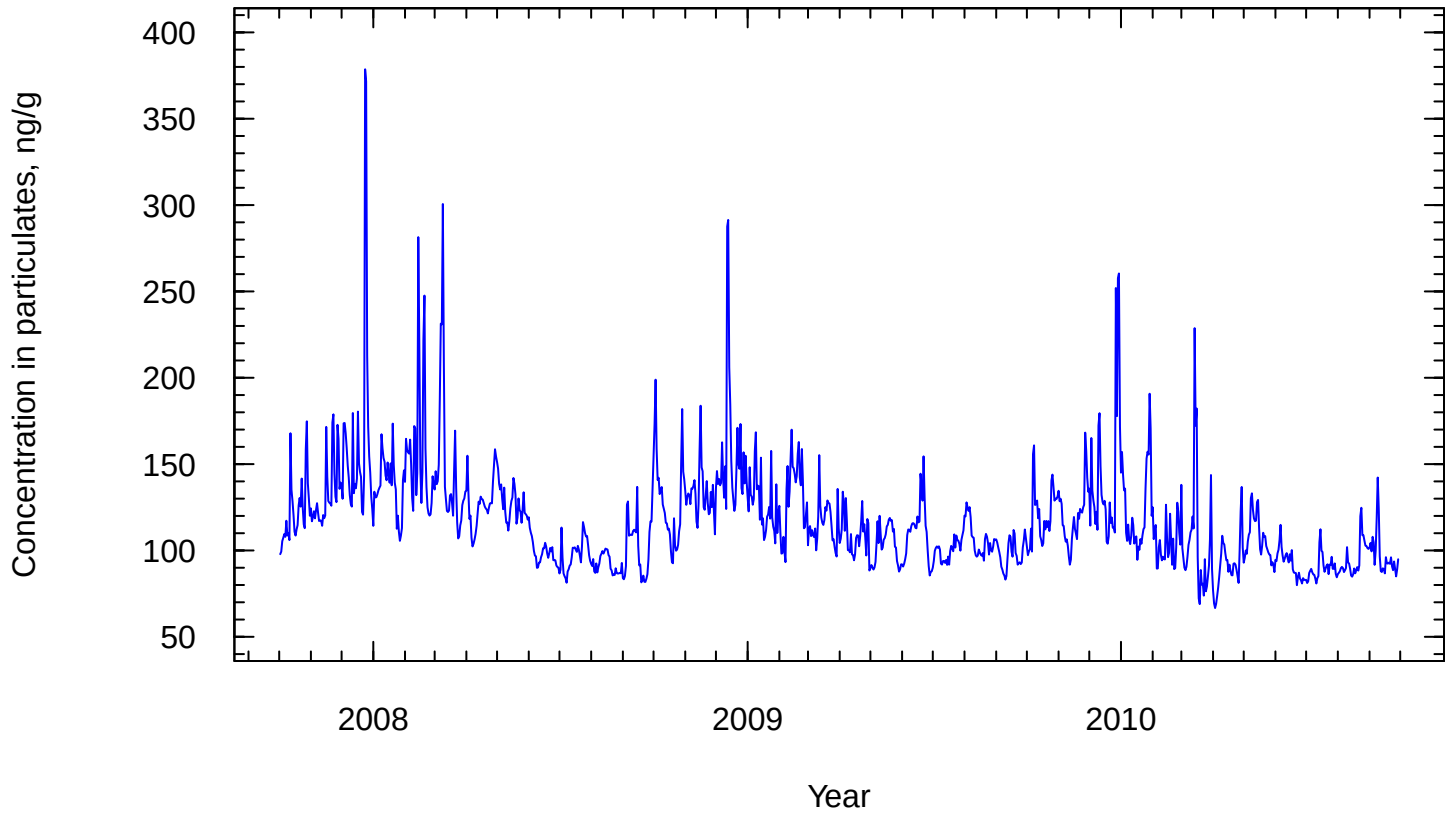
2378-TCDD, CPART_DET in RM 0-6 mudflat only



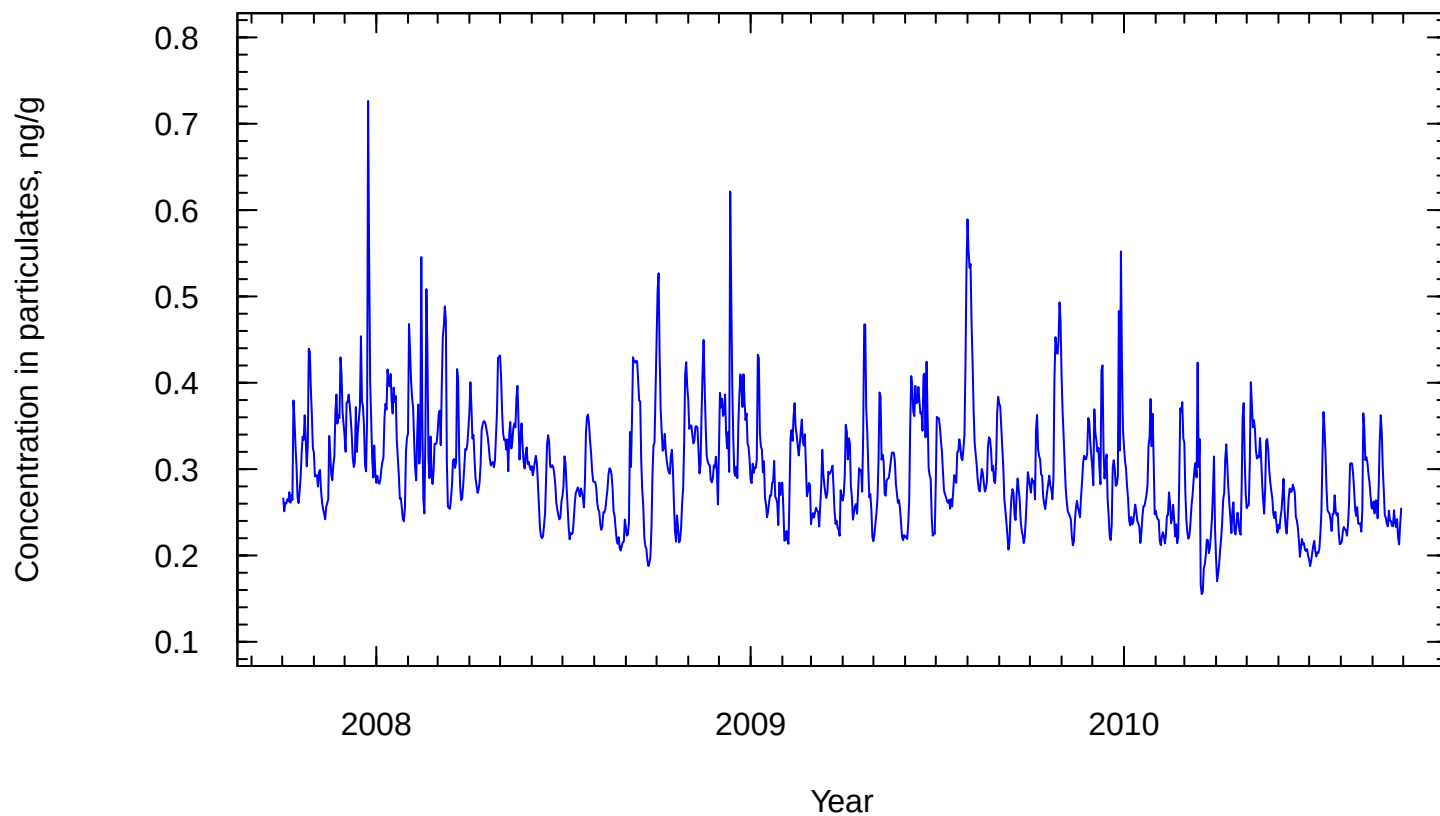
TetraCB, CPART_DET in RM 0–6 whole river



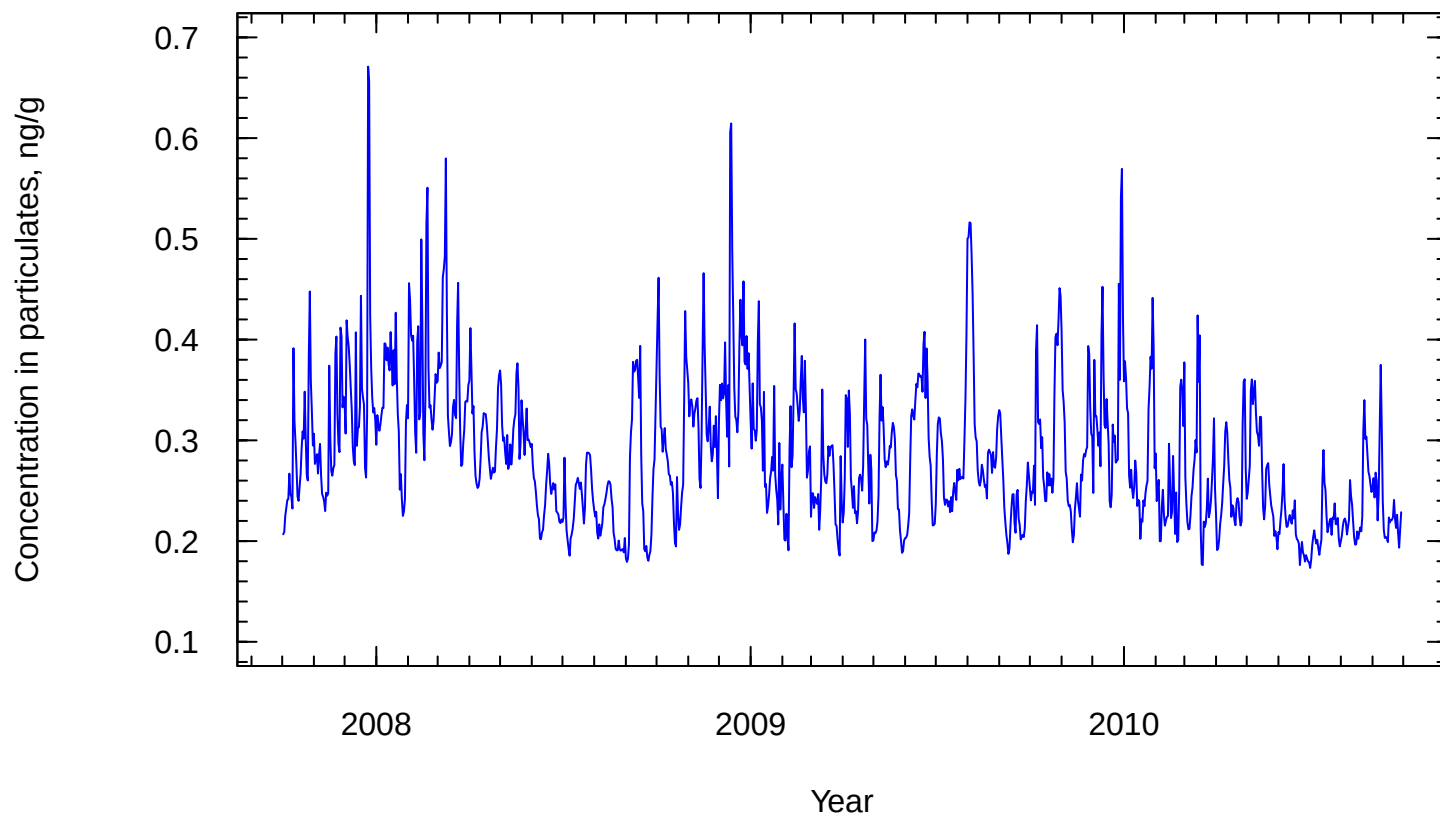
TetraCB, CPART_DET in RM 0–6 mudflat only



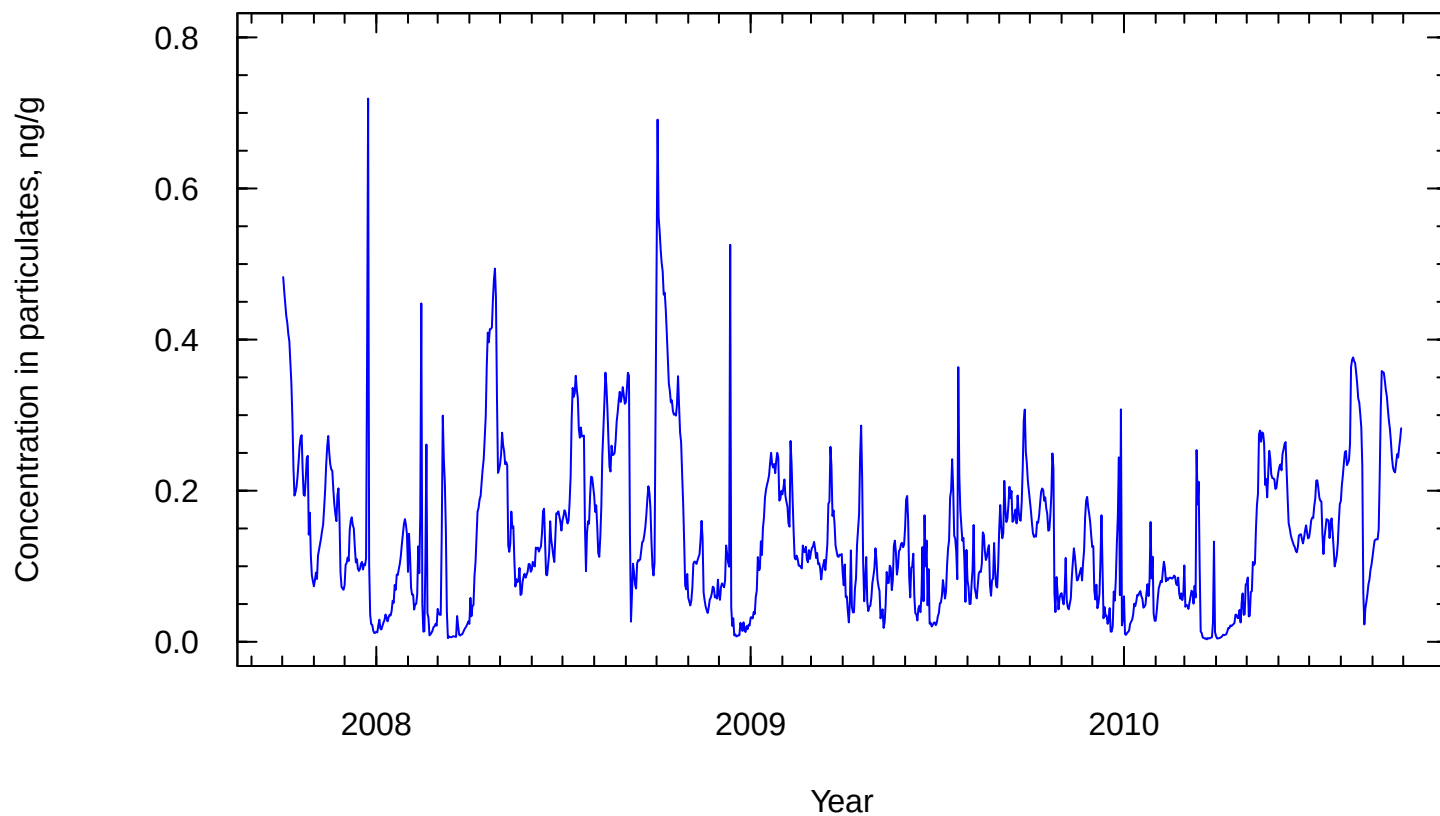
1234678-HpCDF, CPART_DET in RM 0-6 whole river



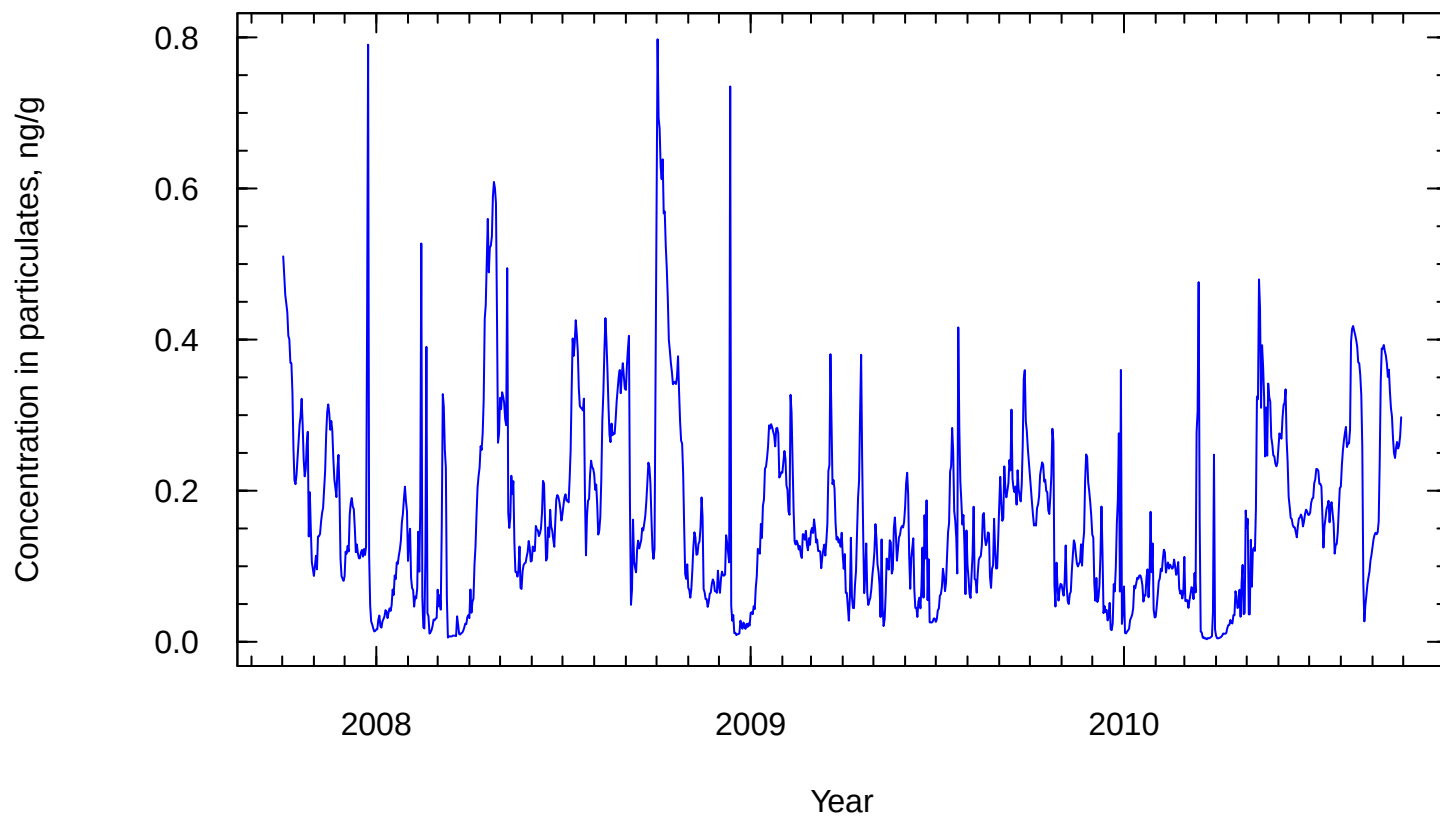
1234678-HpCDF, CPART_DET in RM 0-6 mudflat only



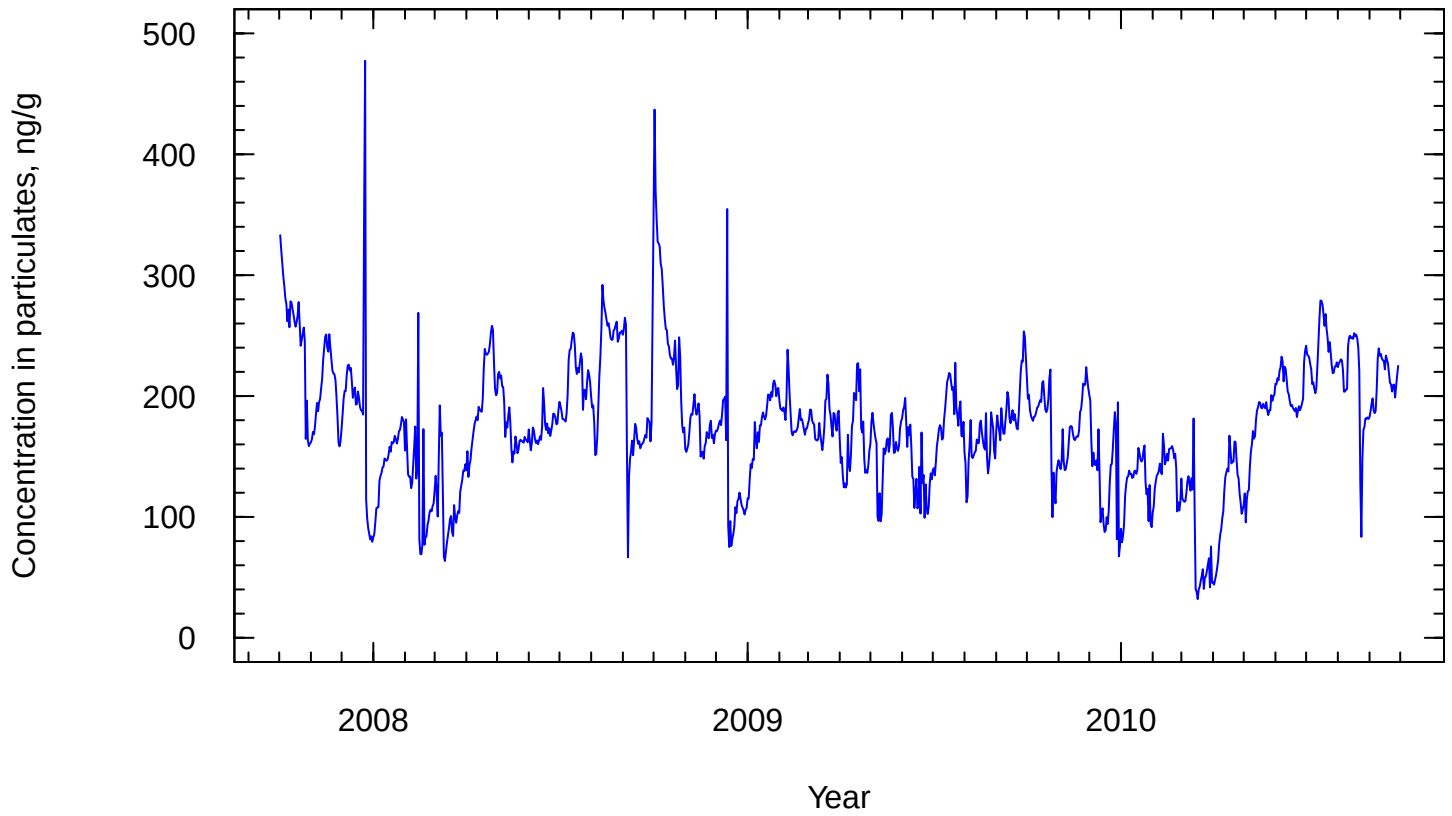
2378-TCDD, CPART_DET in RM 6-14.7 whole river



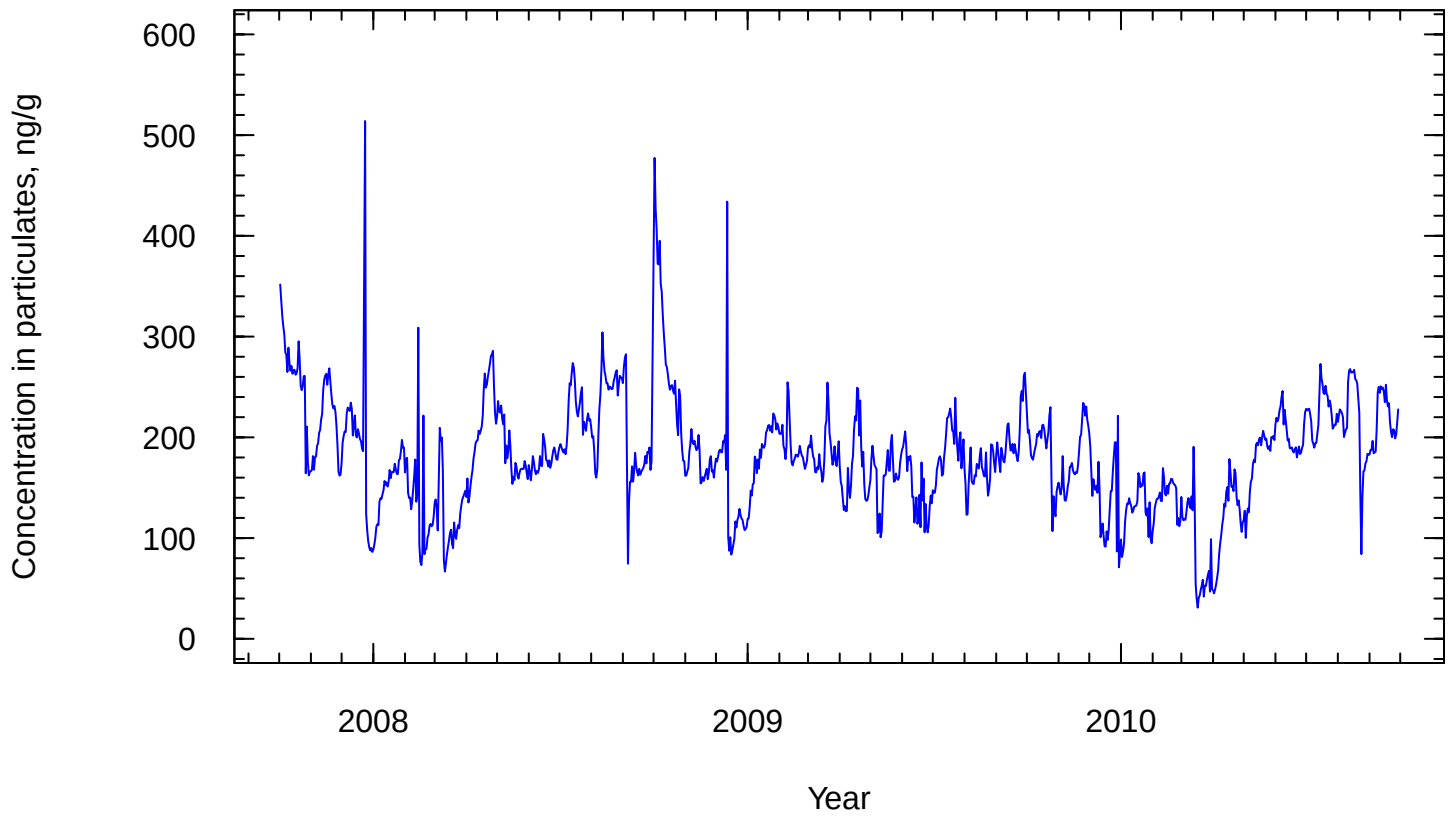
2378-TCDD, CPART_DET in RM 6-14.7 mudflat only



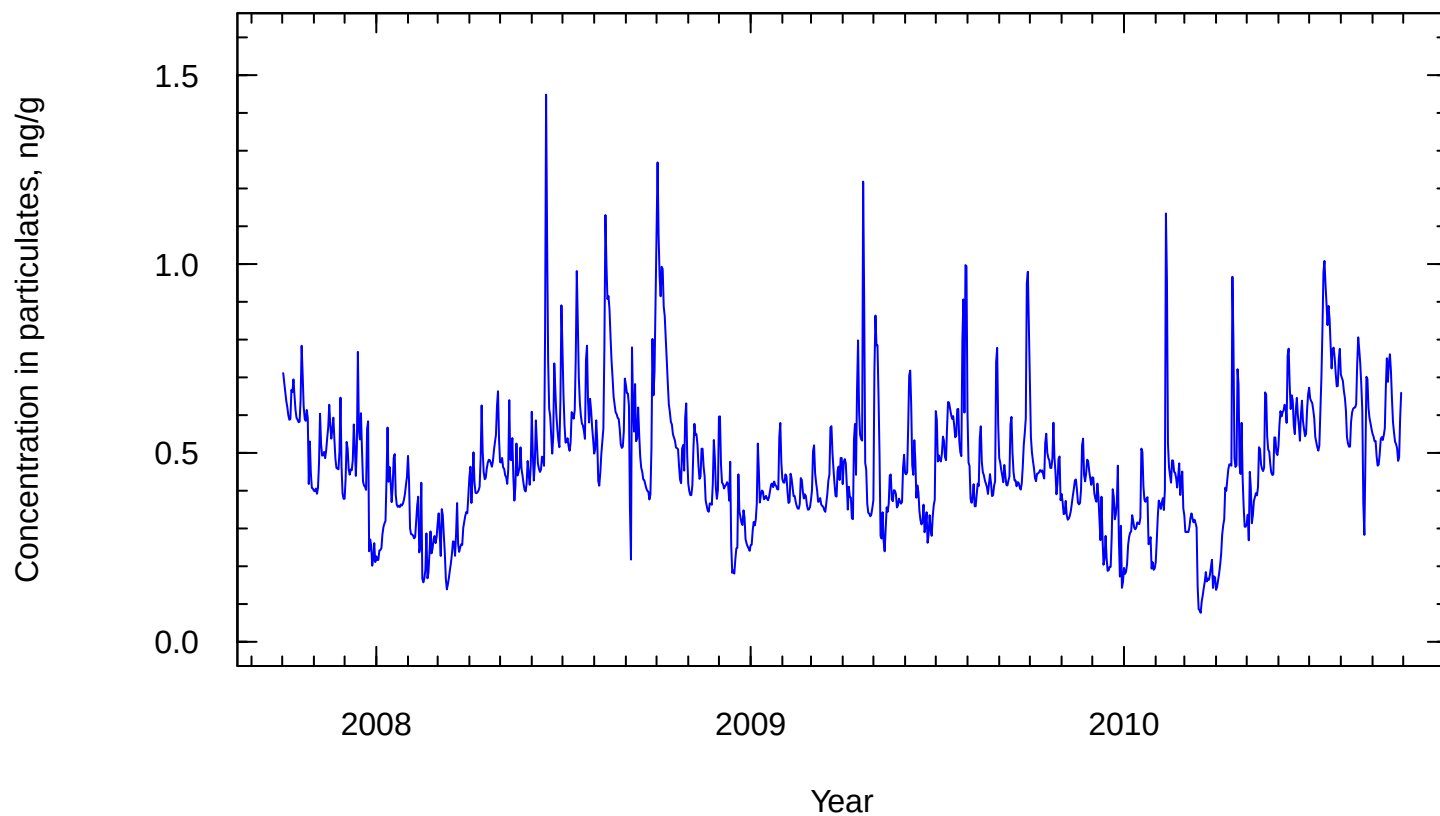
TetraCB, CPART_DET in RM 6–14.7 whole river



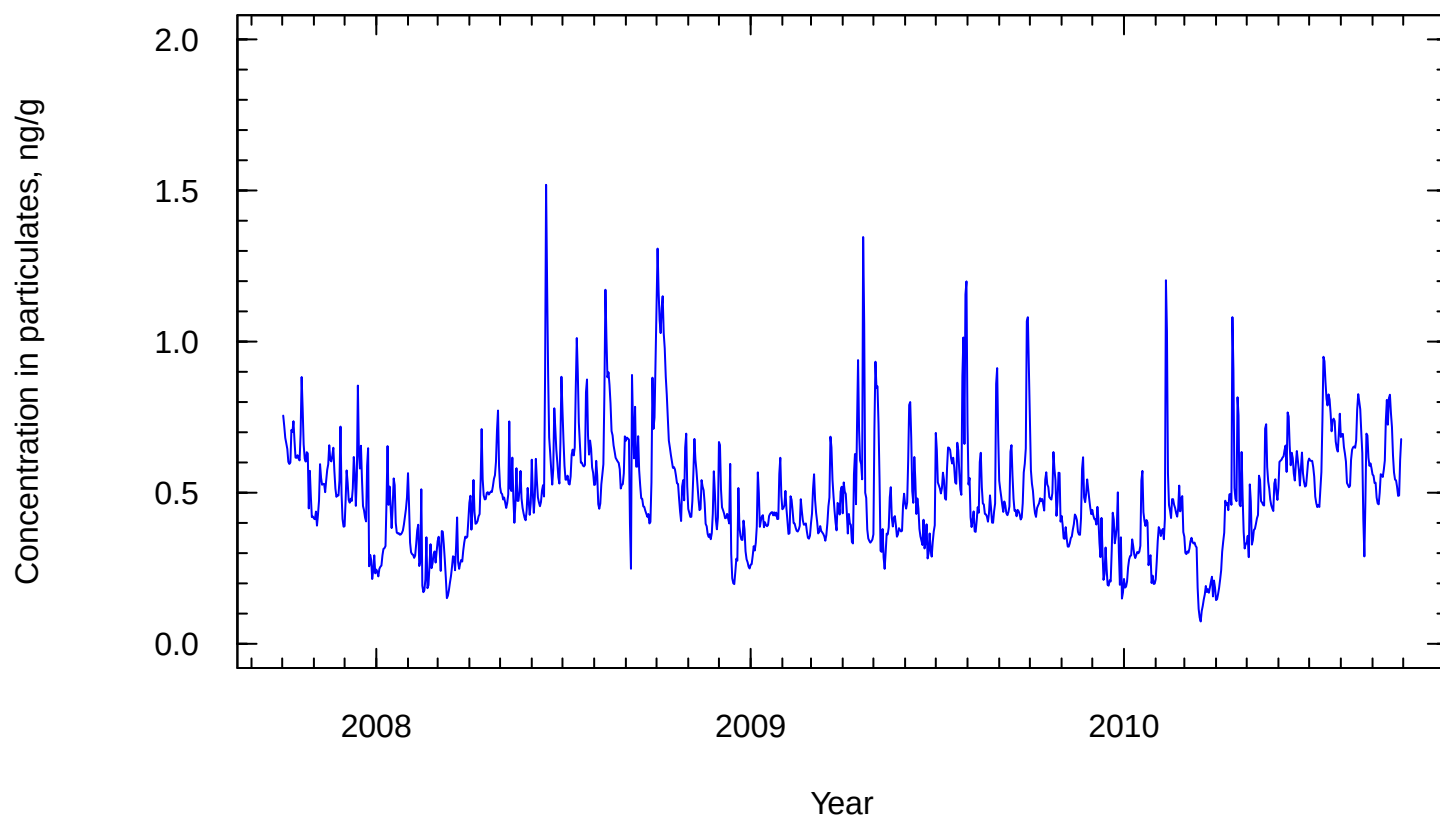
TetraCB, CPART_DET in RM 6–14.7 mudflat only



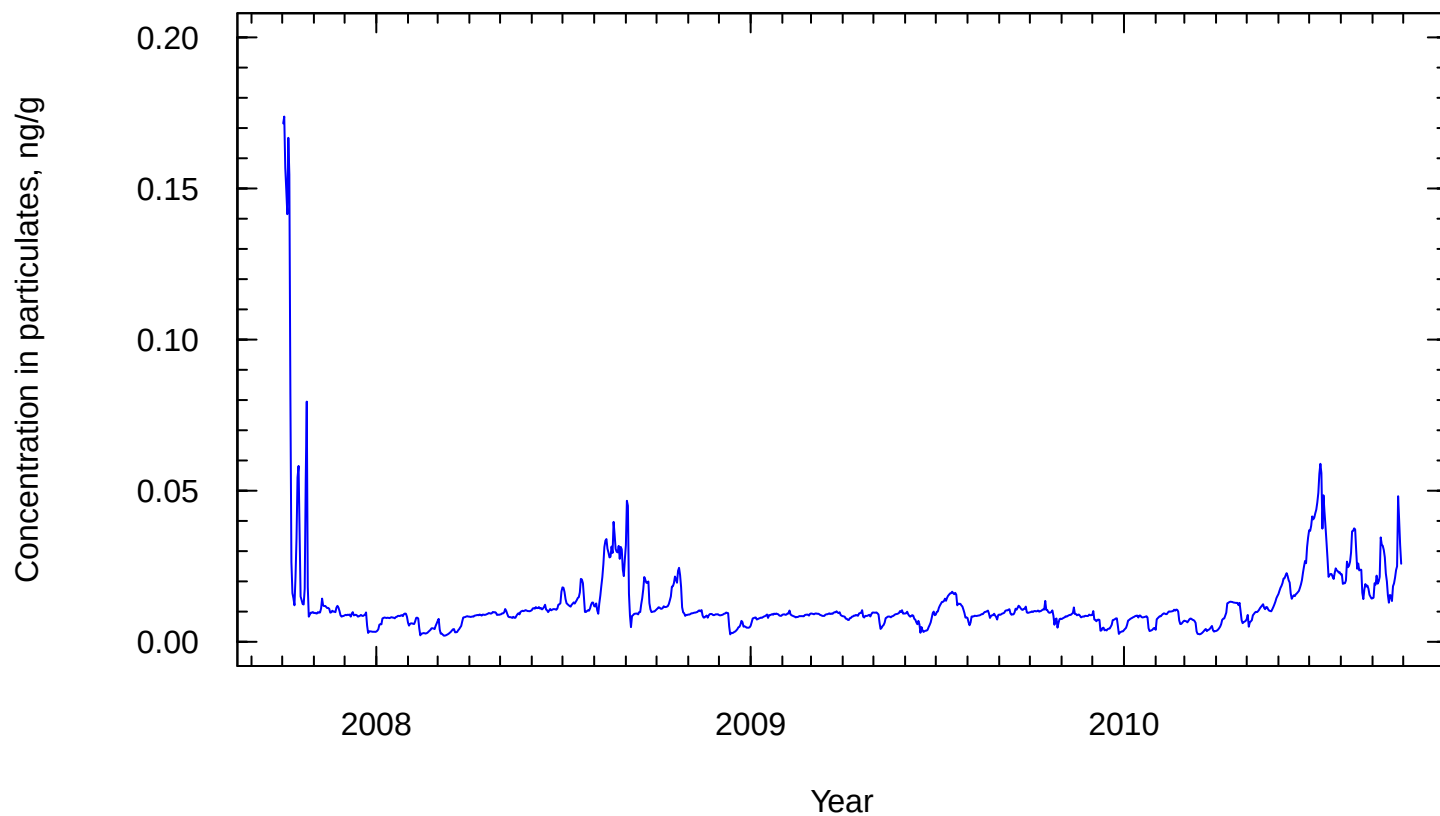
1234678-HpCDF, CPART_DET in RM 6–14.7 whole river



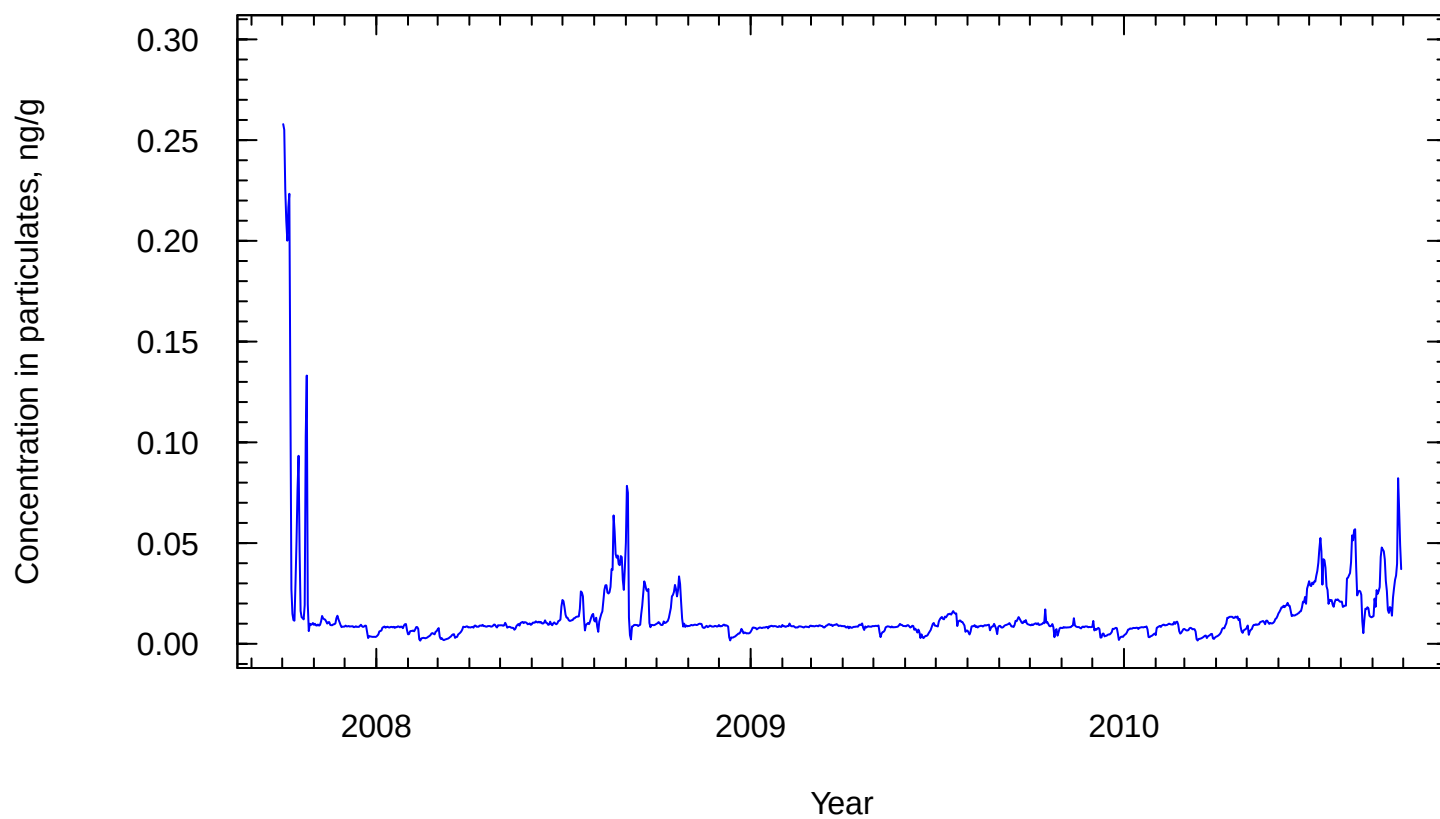
1234678-HpCDF, CPART_DET in RM 6–14.7 mudflat only



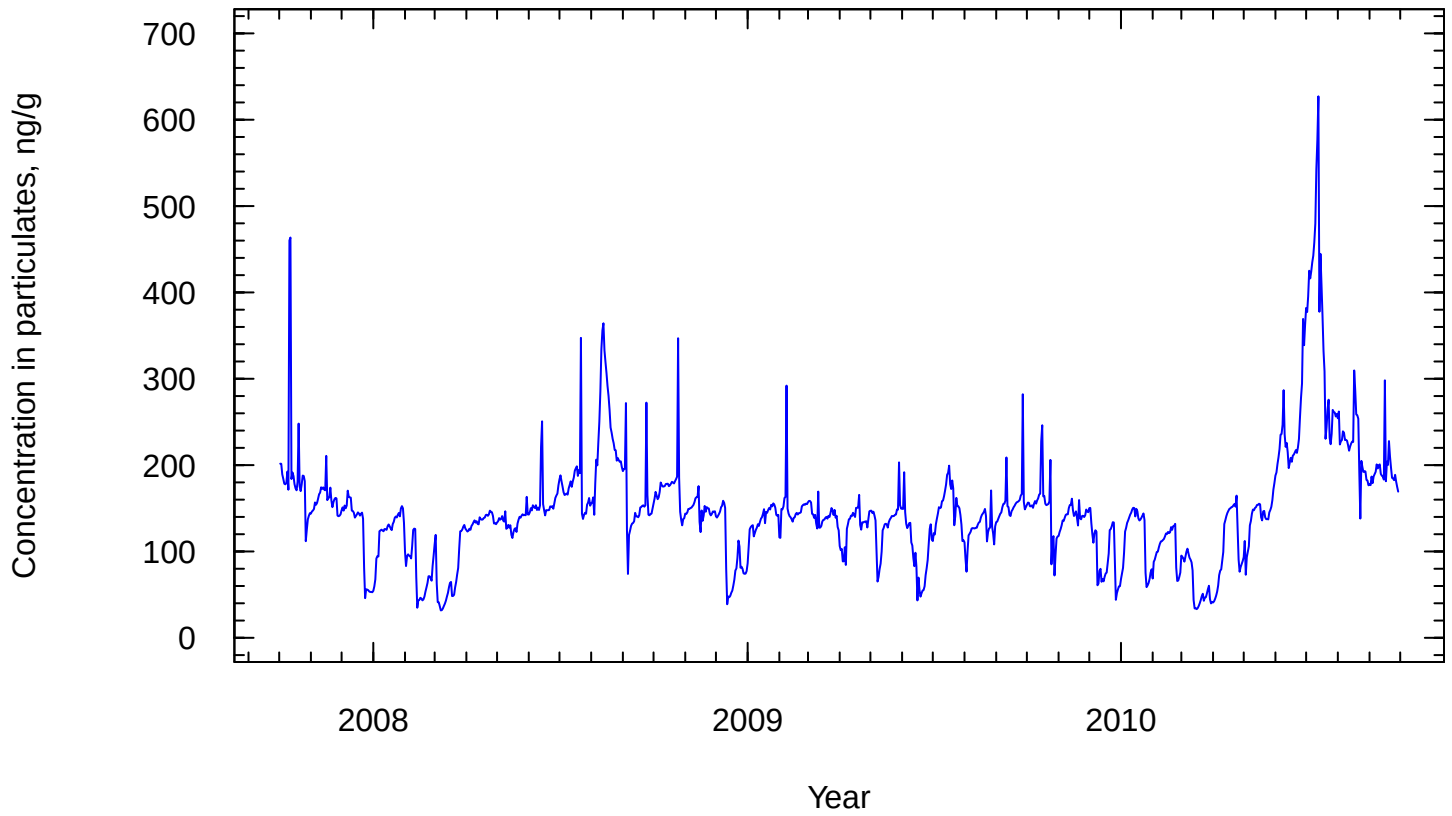
2378-TCDD, CPART_DET in RM 14.7-Dam whole river



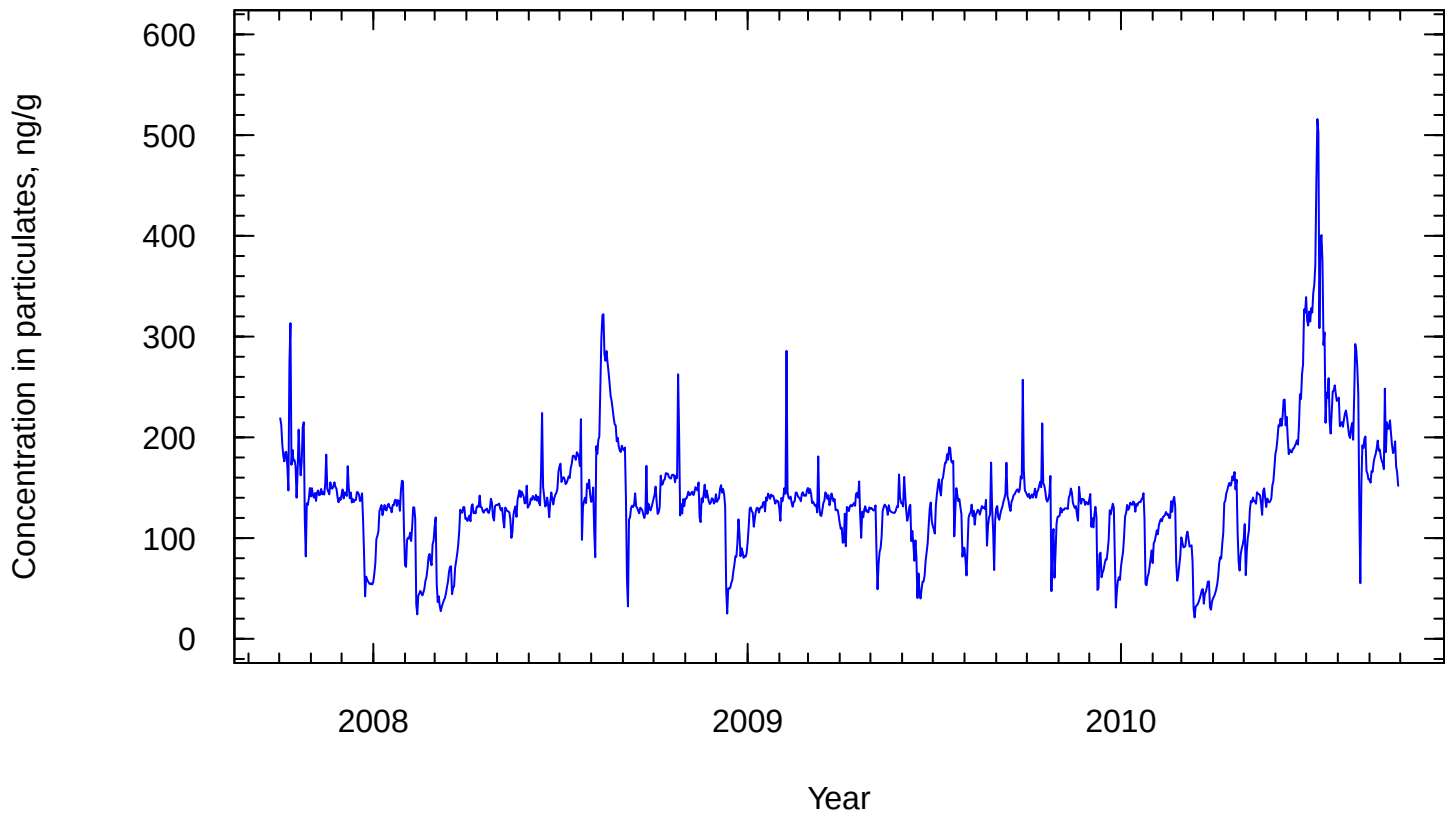
2378-TCDD, CPART_DET in RM 14.7-Dam mudflat only



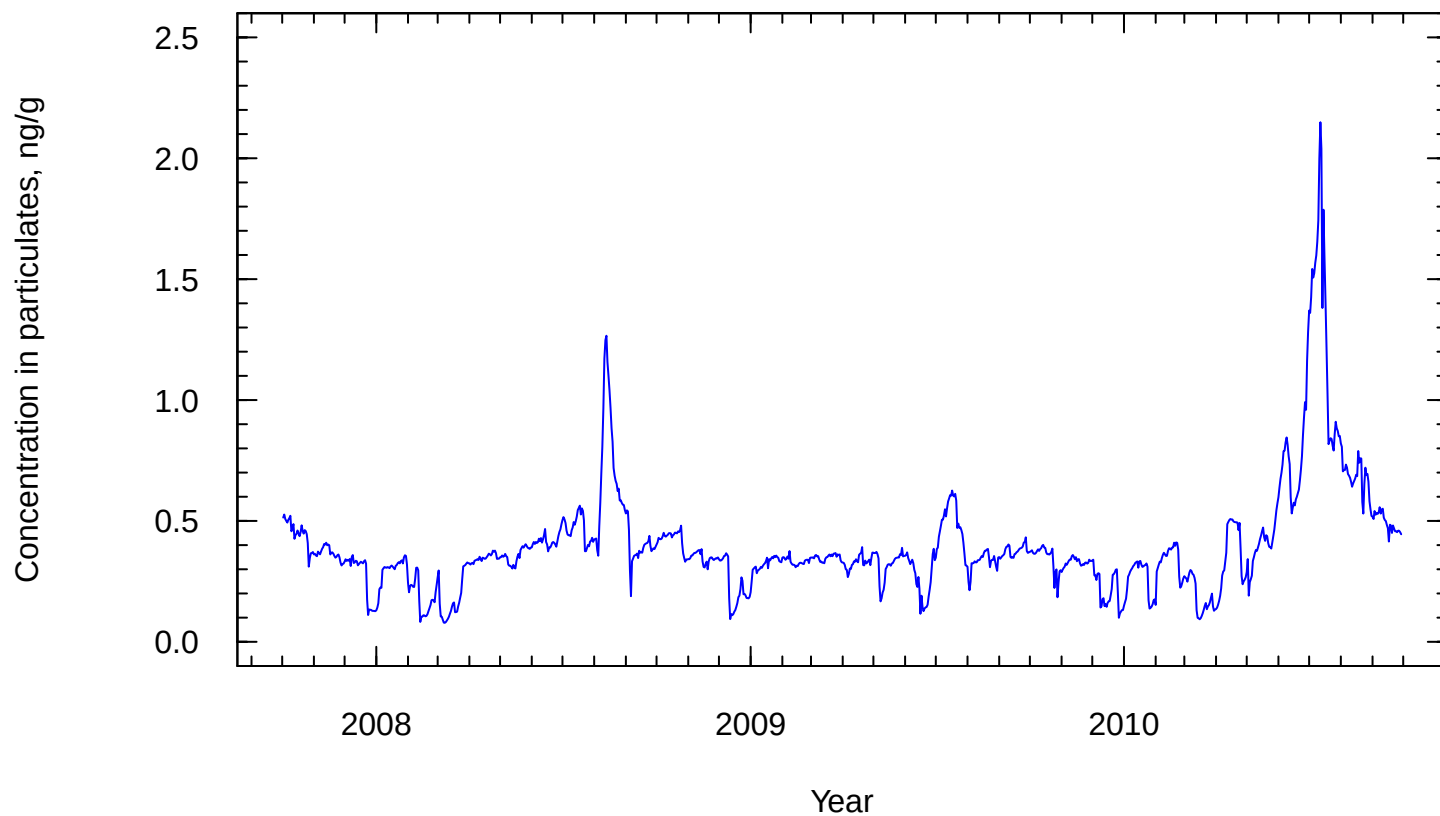
TetraCB, CPART_DET in RM 14.7–Dam whole river



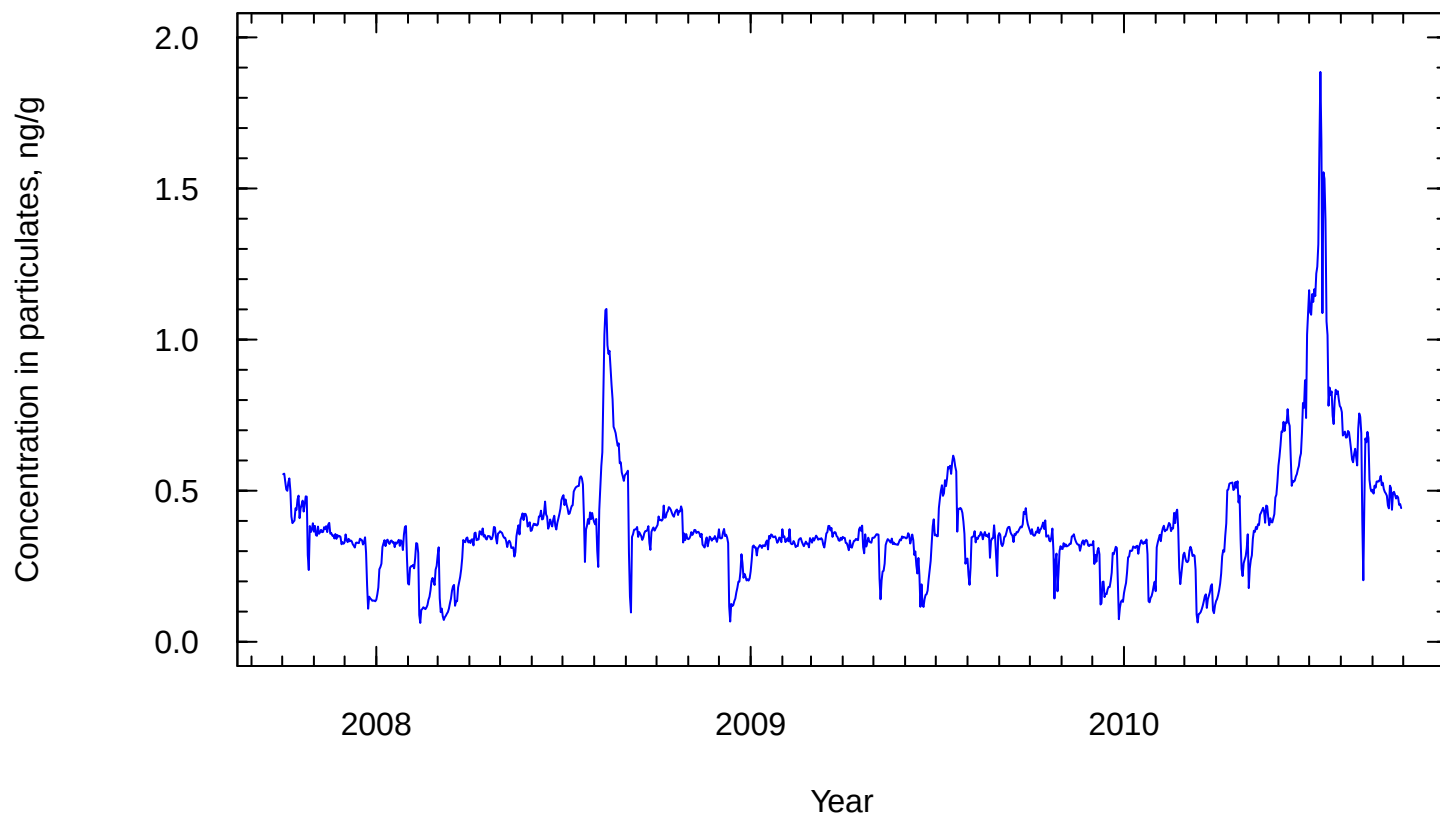
TetraCB, CPART_DET in RM 14.7–Dam mudflat only



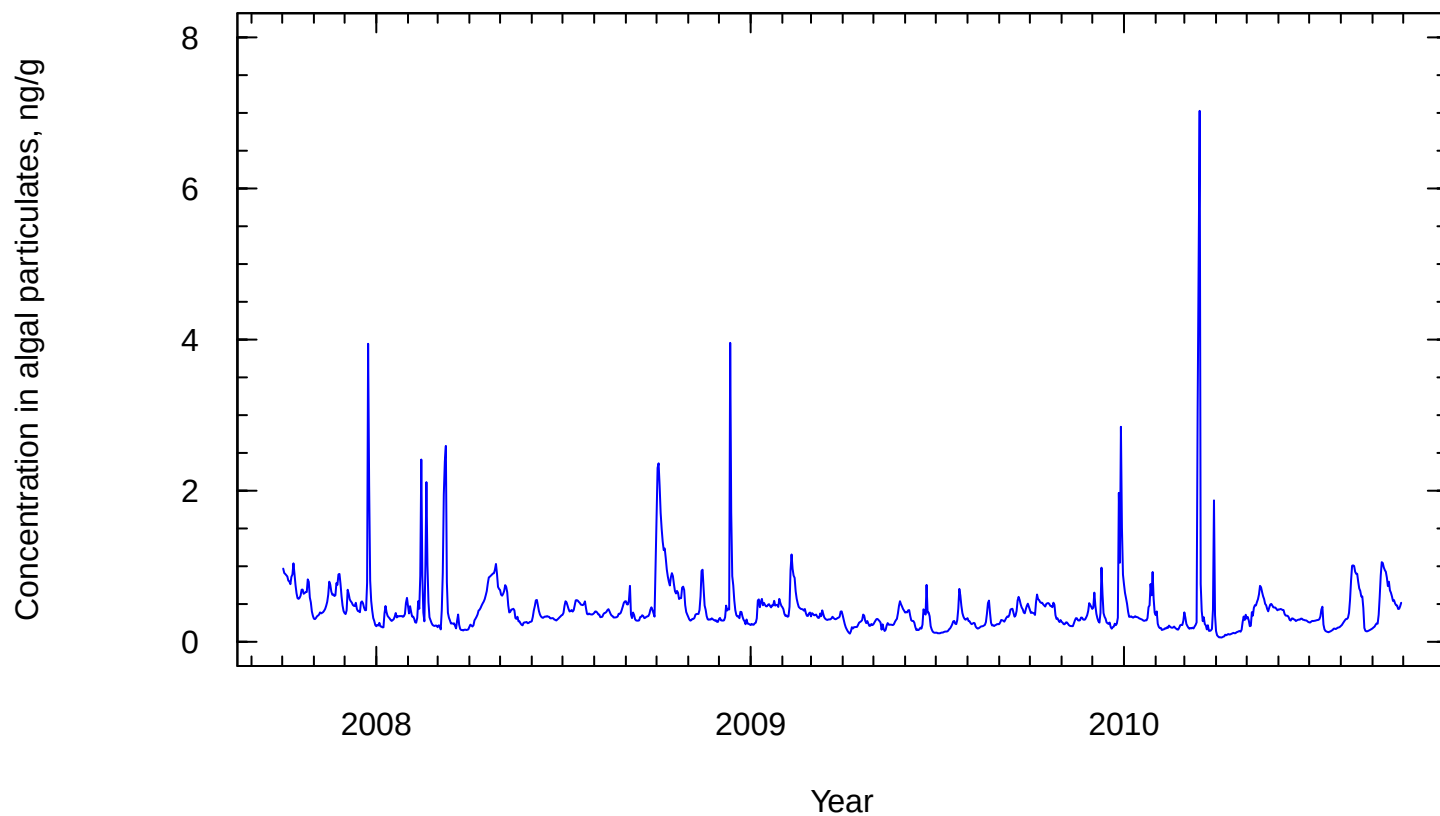
1234678-HpCDF, CPART_DET in RM 14.7-Dam whole river



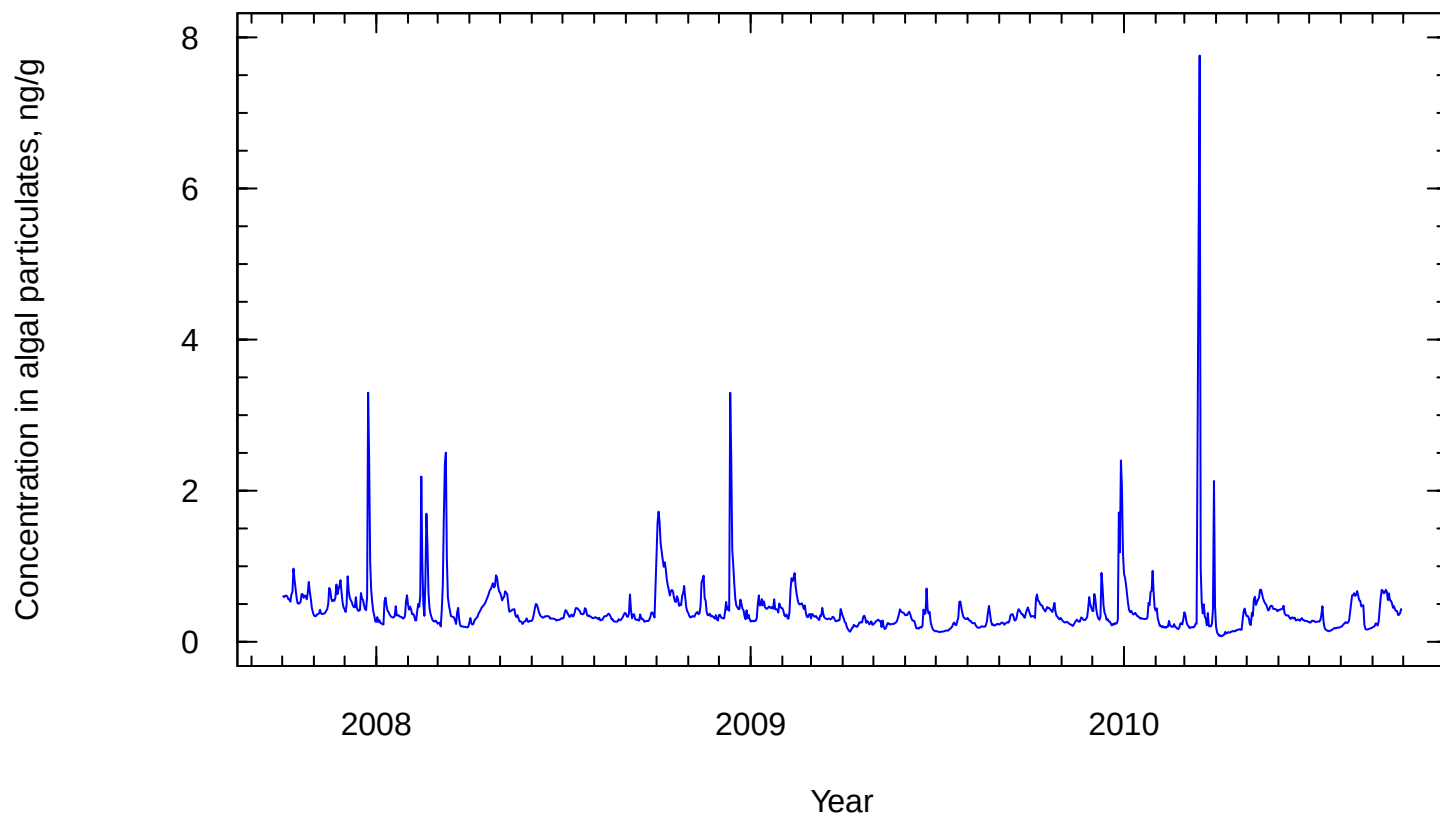
1234678-HpCDF, CPART_DET in RM 14.7-Dam mudflat only



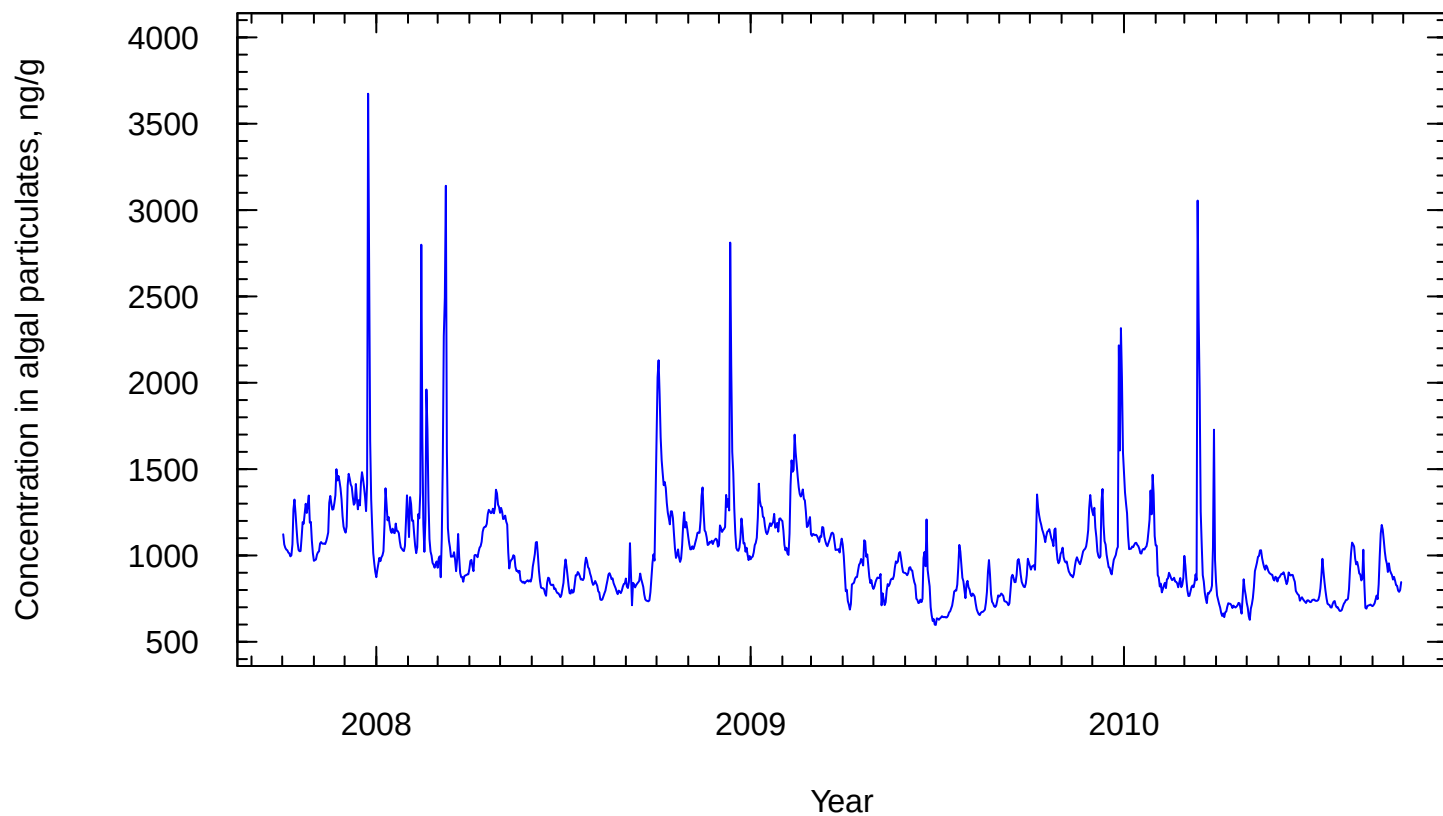
2378-TCDD, CAC in RM 0-6 whole river



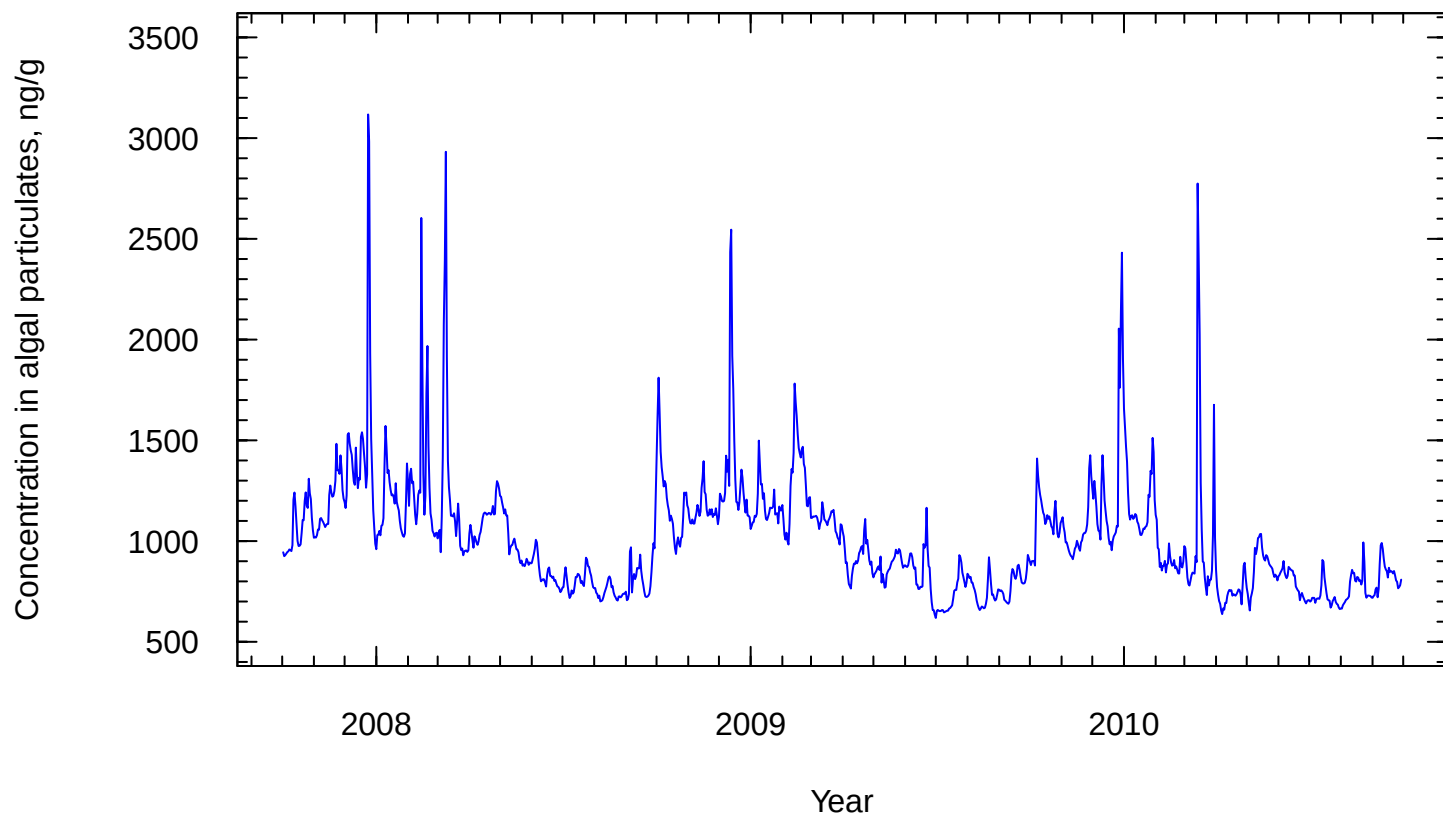
2378-TCDD, CAC in RM 0-6 mudflat only



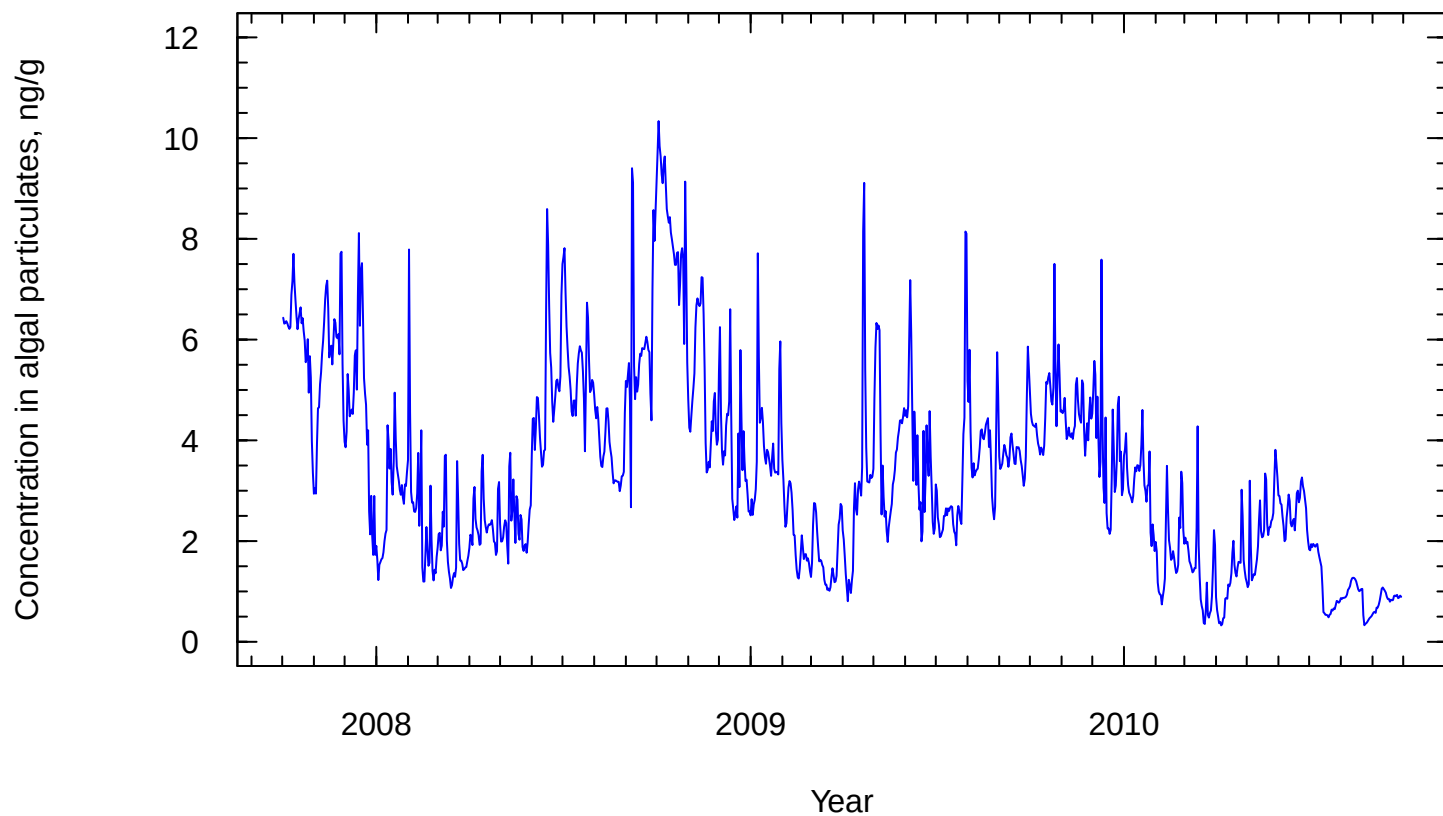
TetraCB, CAC in RM 0–6 whole river



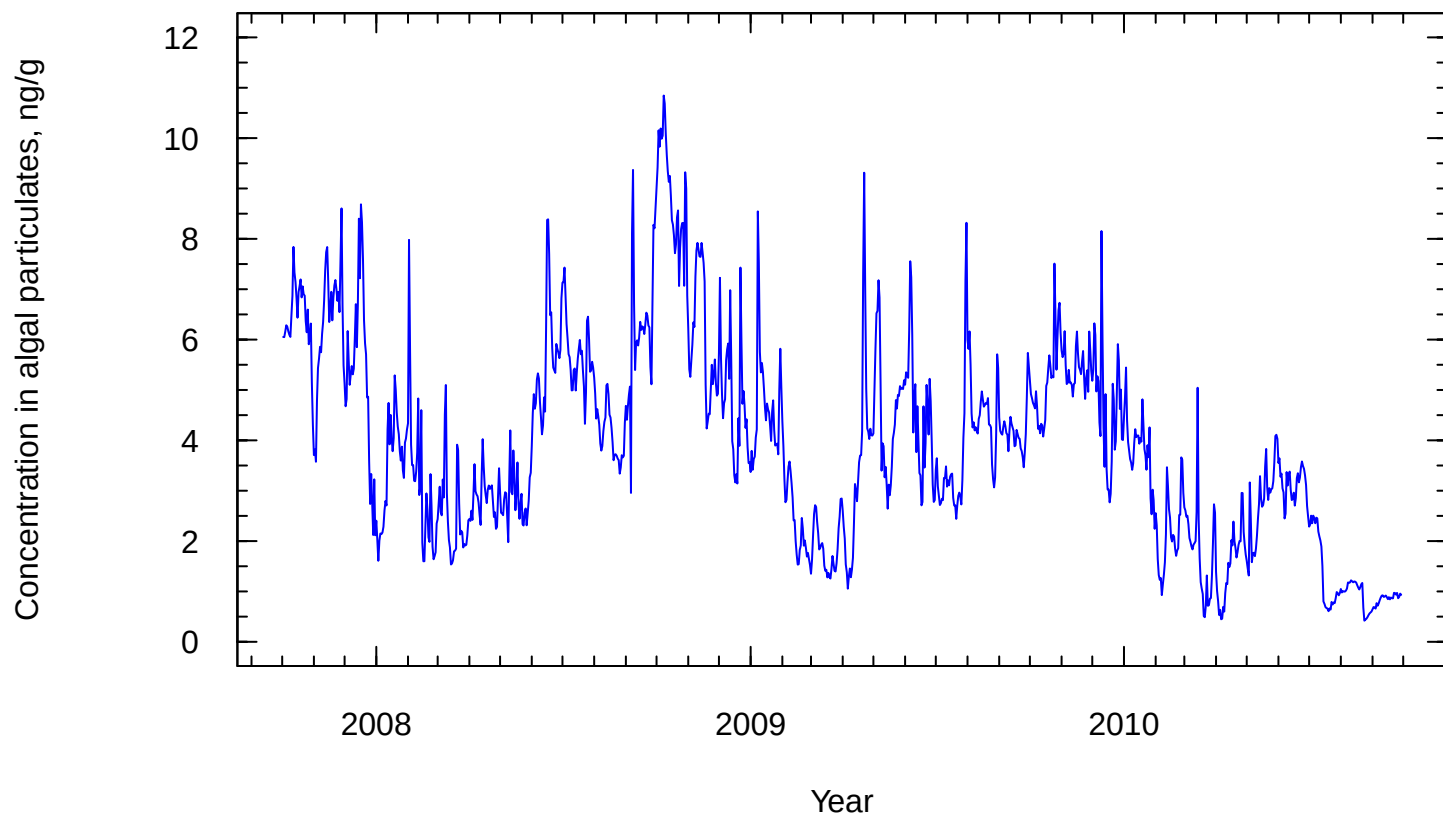
TetraCB, CAC in RM 0–6 mudflat only



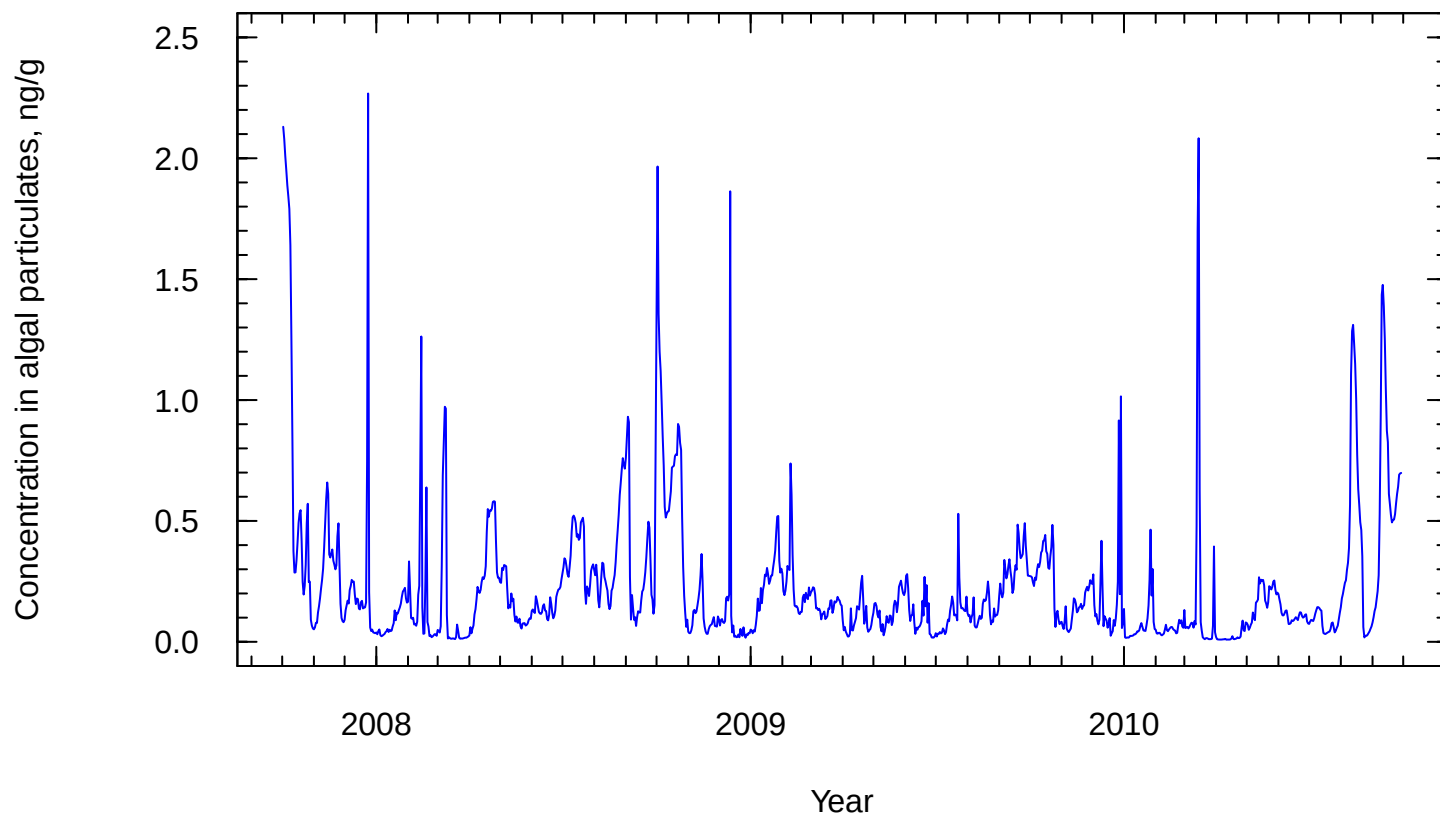
1234678-HpCDF, CAC in RM 0-6 whole river



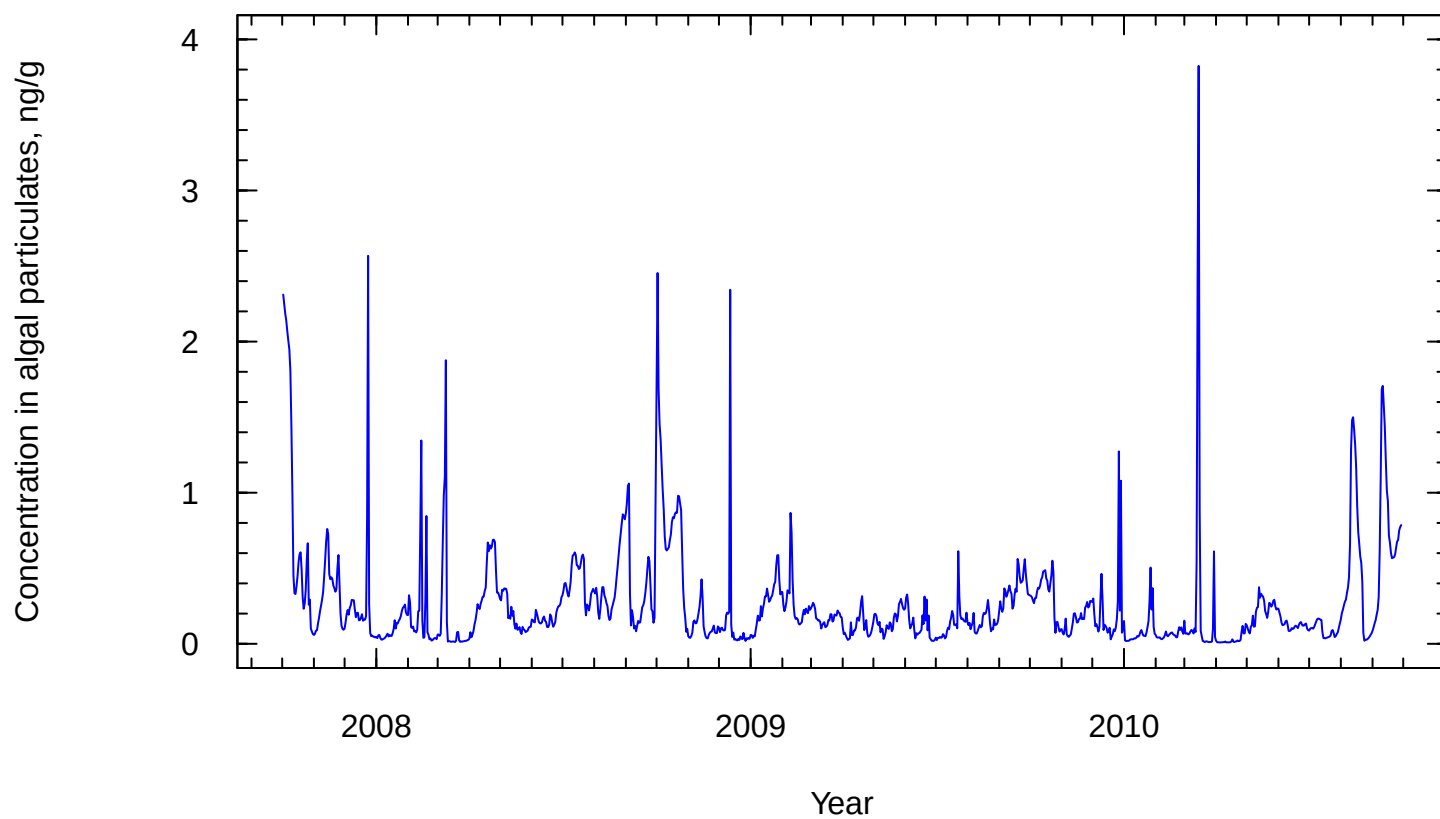
1234678-HpCDF, CAC in RM 0-6 mudflat only



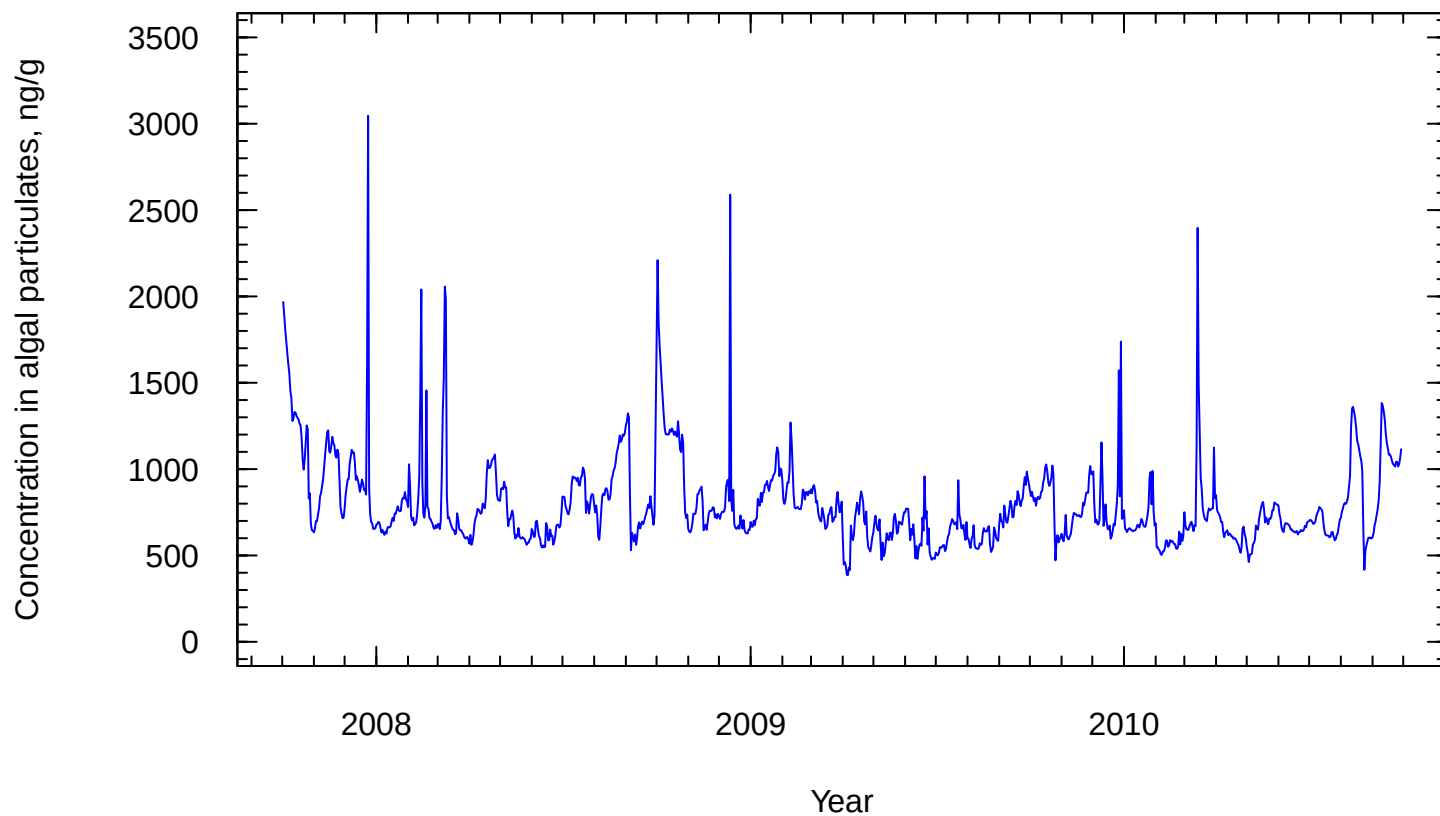
2378-TCDD, CAC in RM 6-14.7 whole river



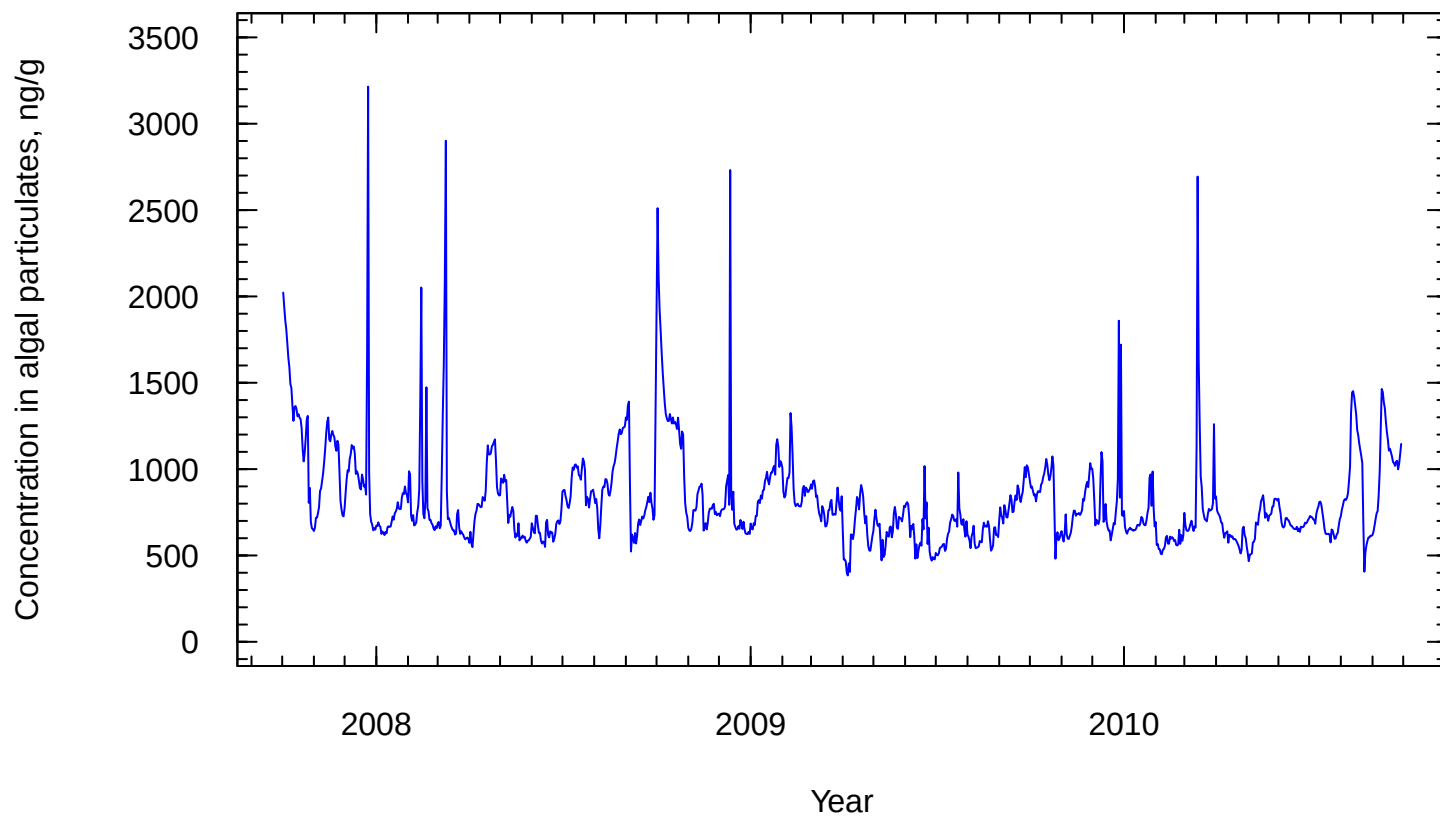
2378-TCDD, CAC in RM 6-14.7 mudflat only



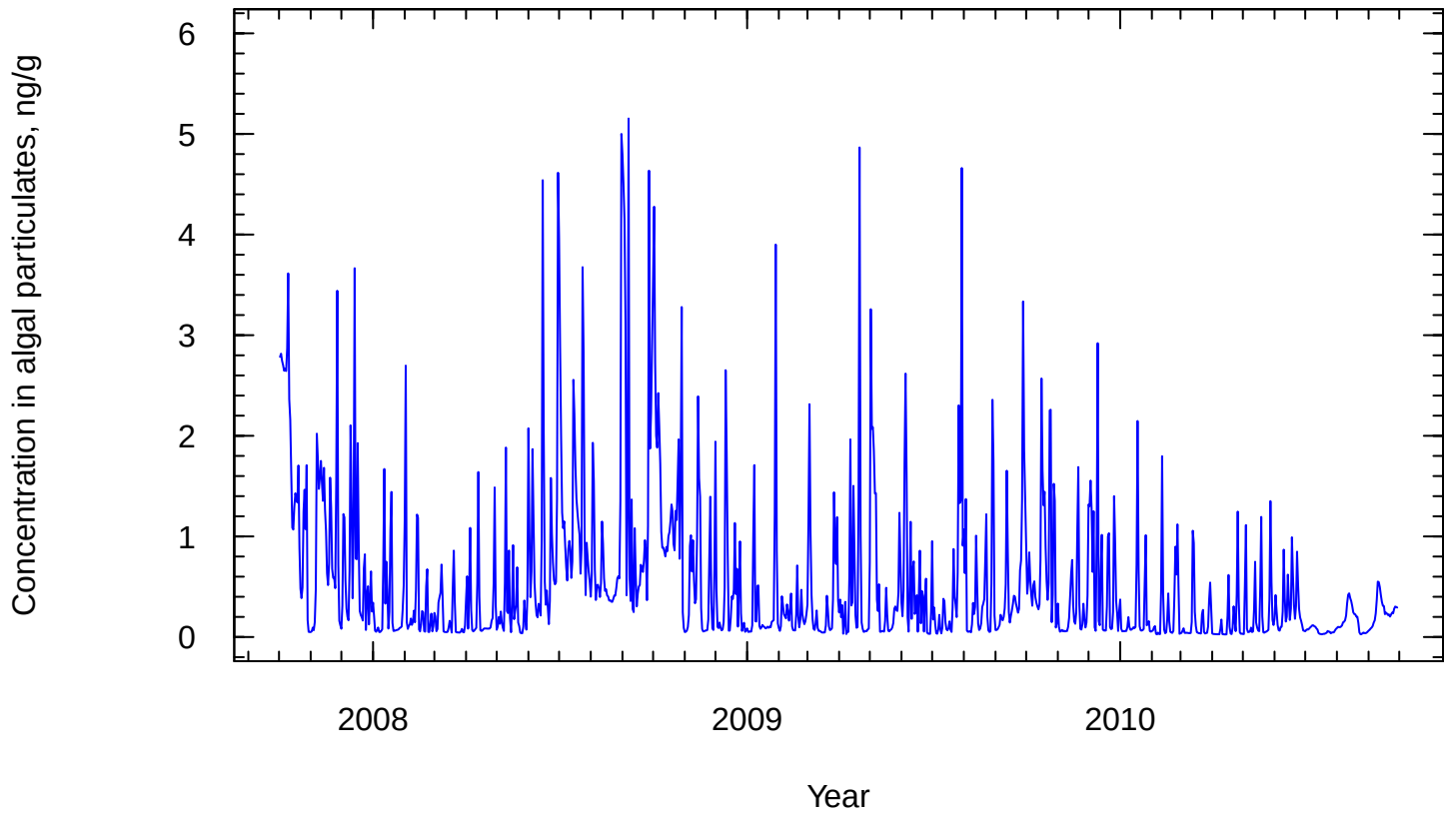
TetraCB, CAC in RM 6–14.7 whole river



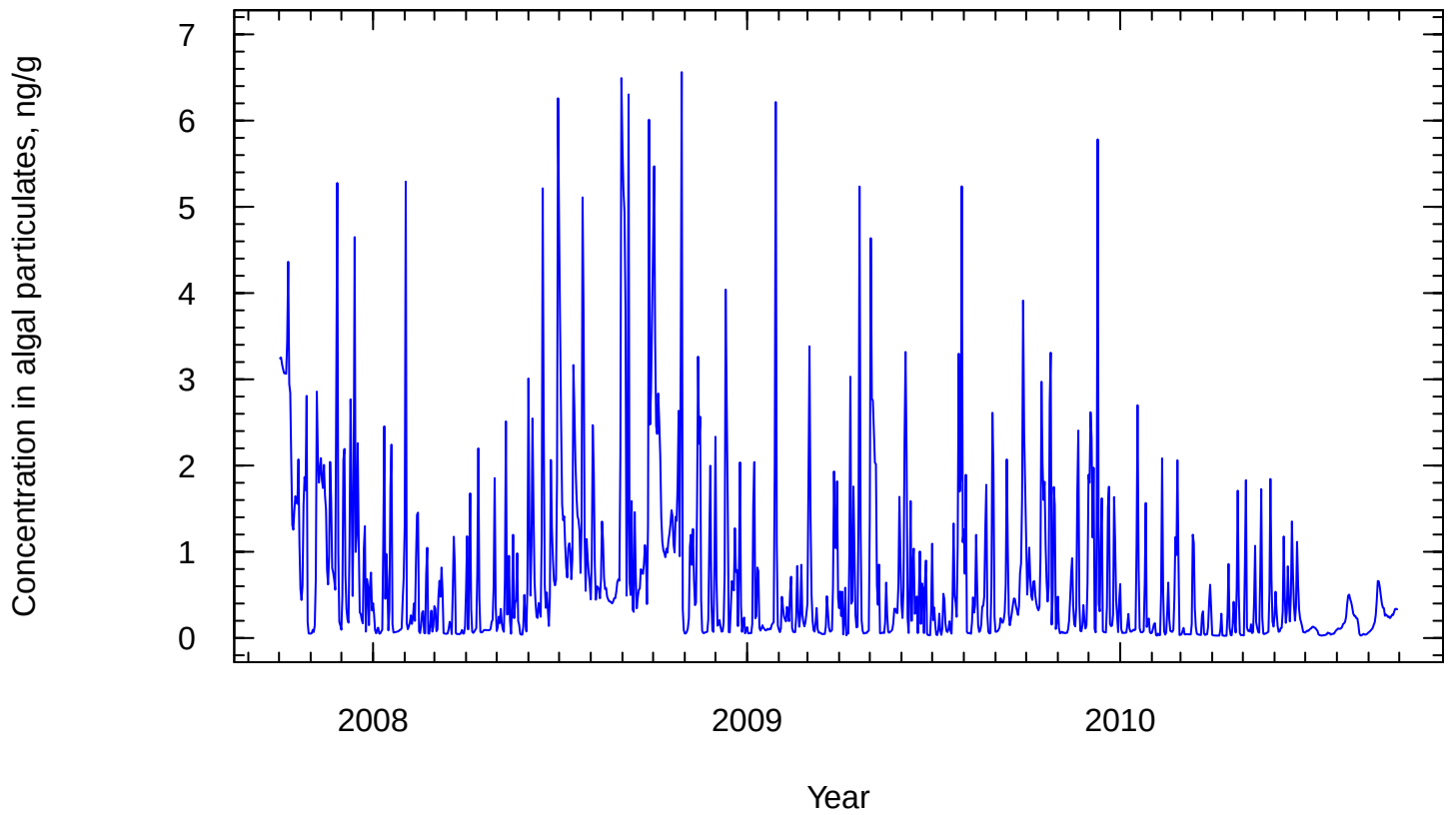
TetraCB, CAC in RM 6–14.7 mudflat only



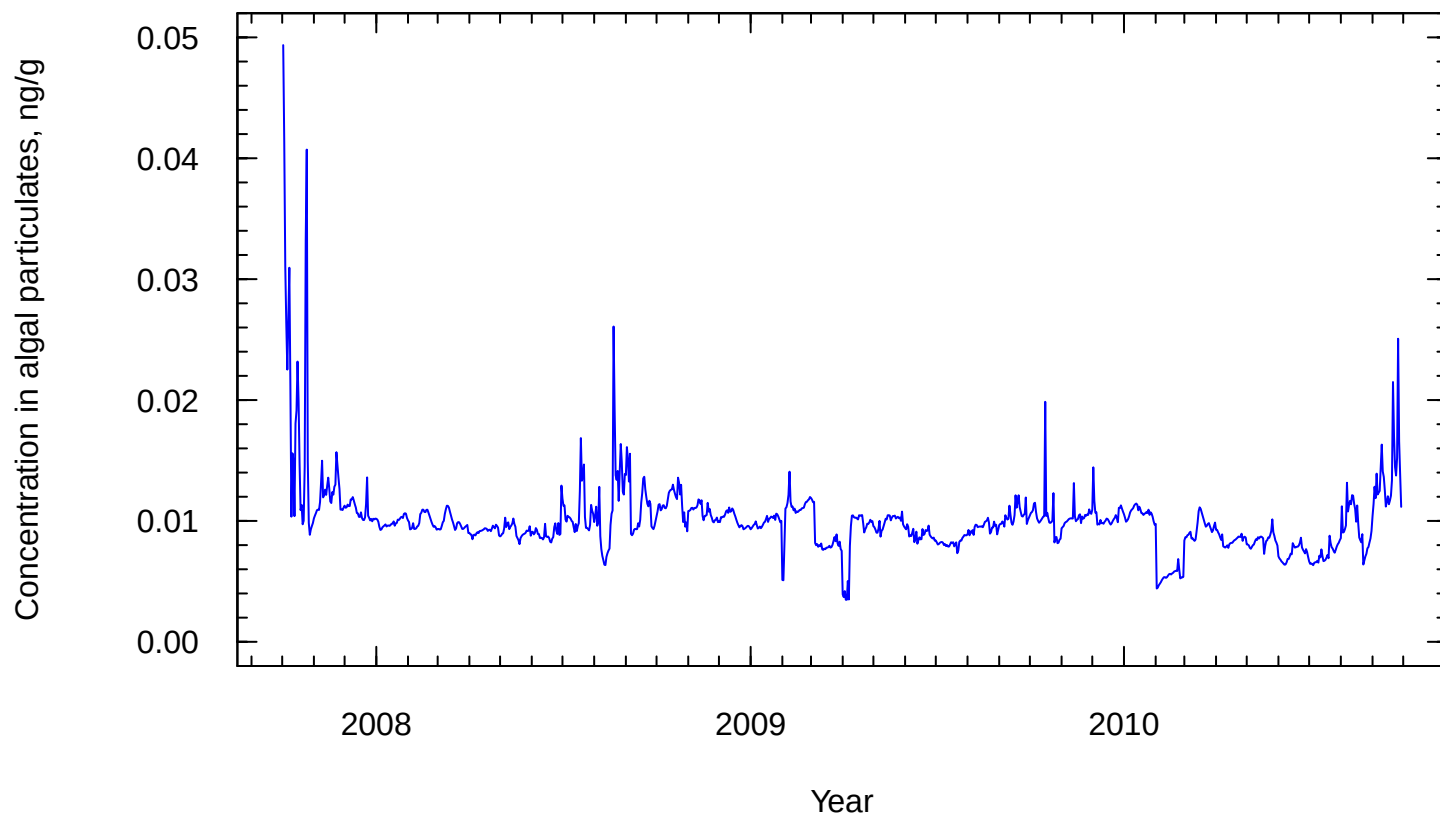
1234678–HpCDF, CAC in RM 6–14.7 whole river



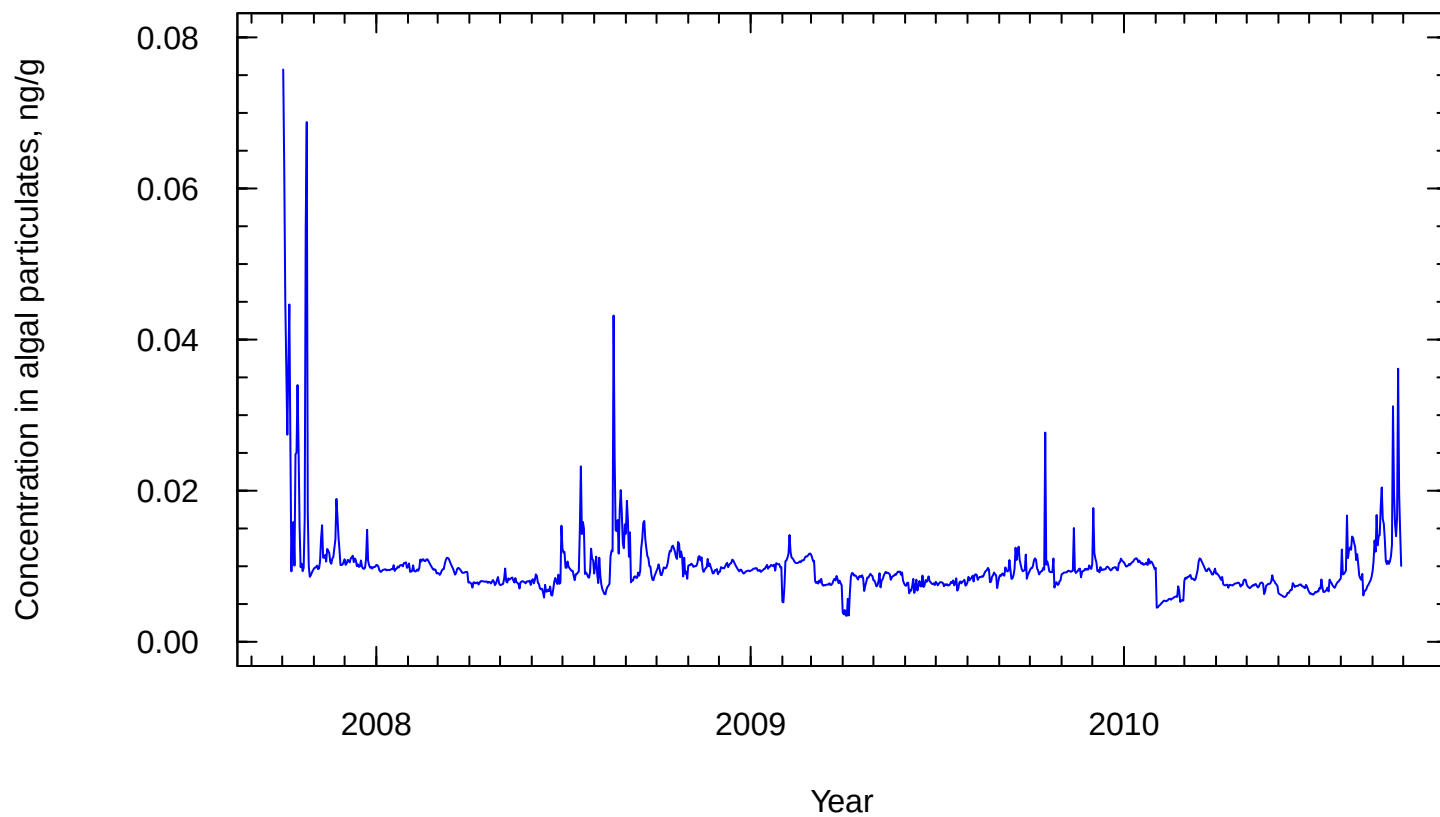
1234678–HpCDF, CAC in RM 6–14.7 mudflat only



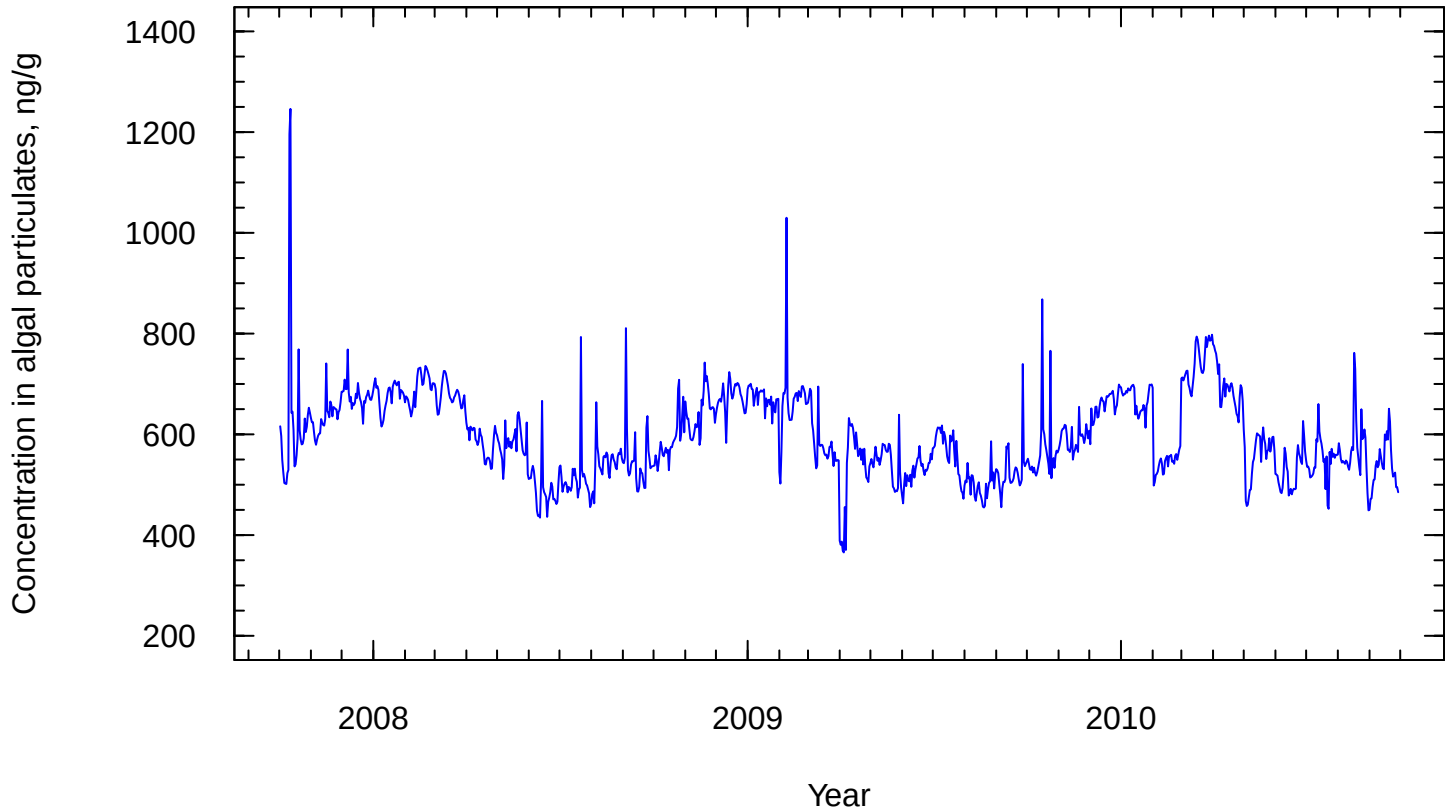
2378-TCDD, CAC in RM 14.7-Dam whole river



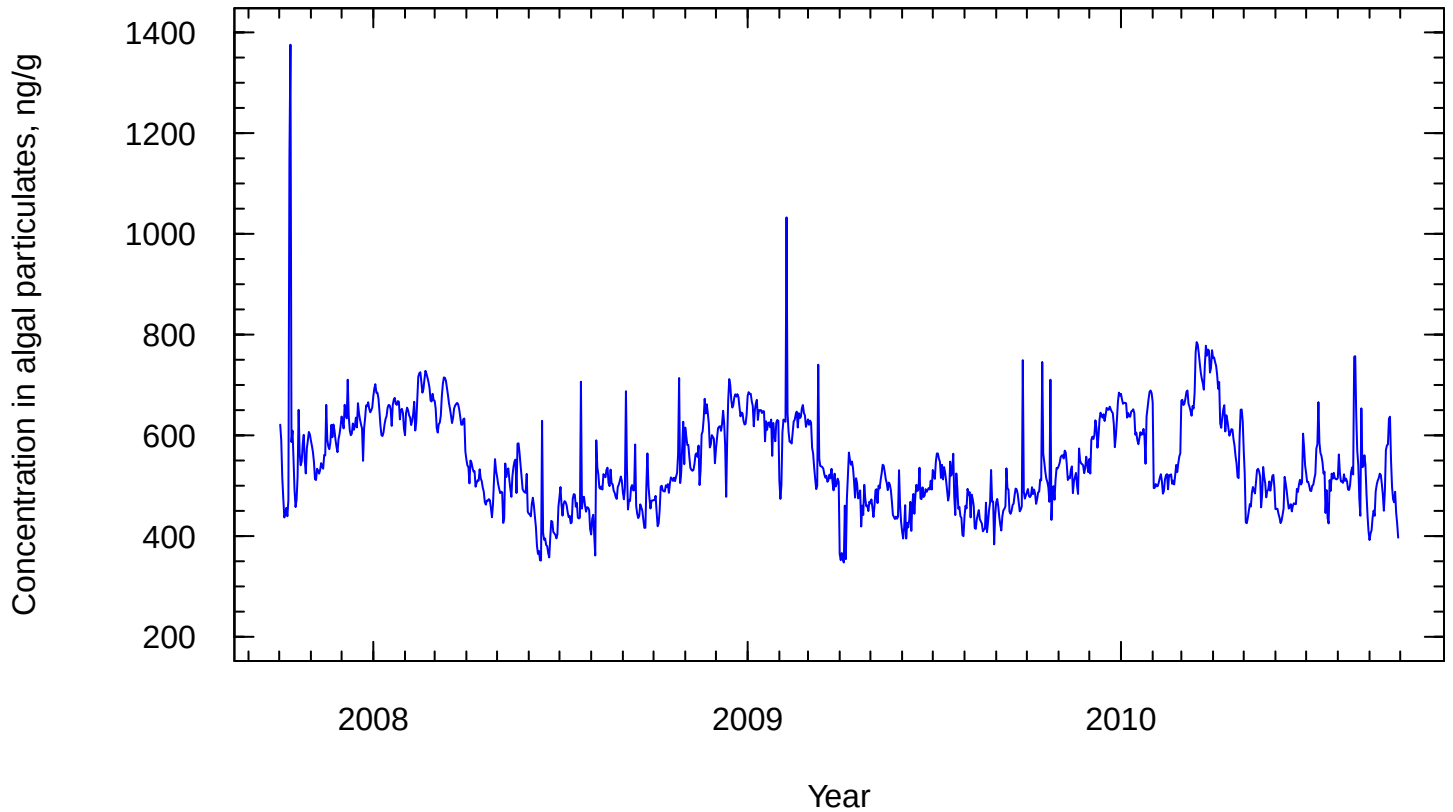
2378-TCDD, CAC in RM 14.7-Dam mudflat only



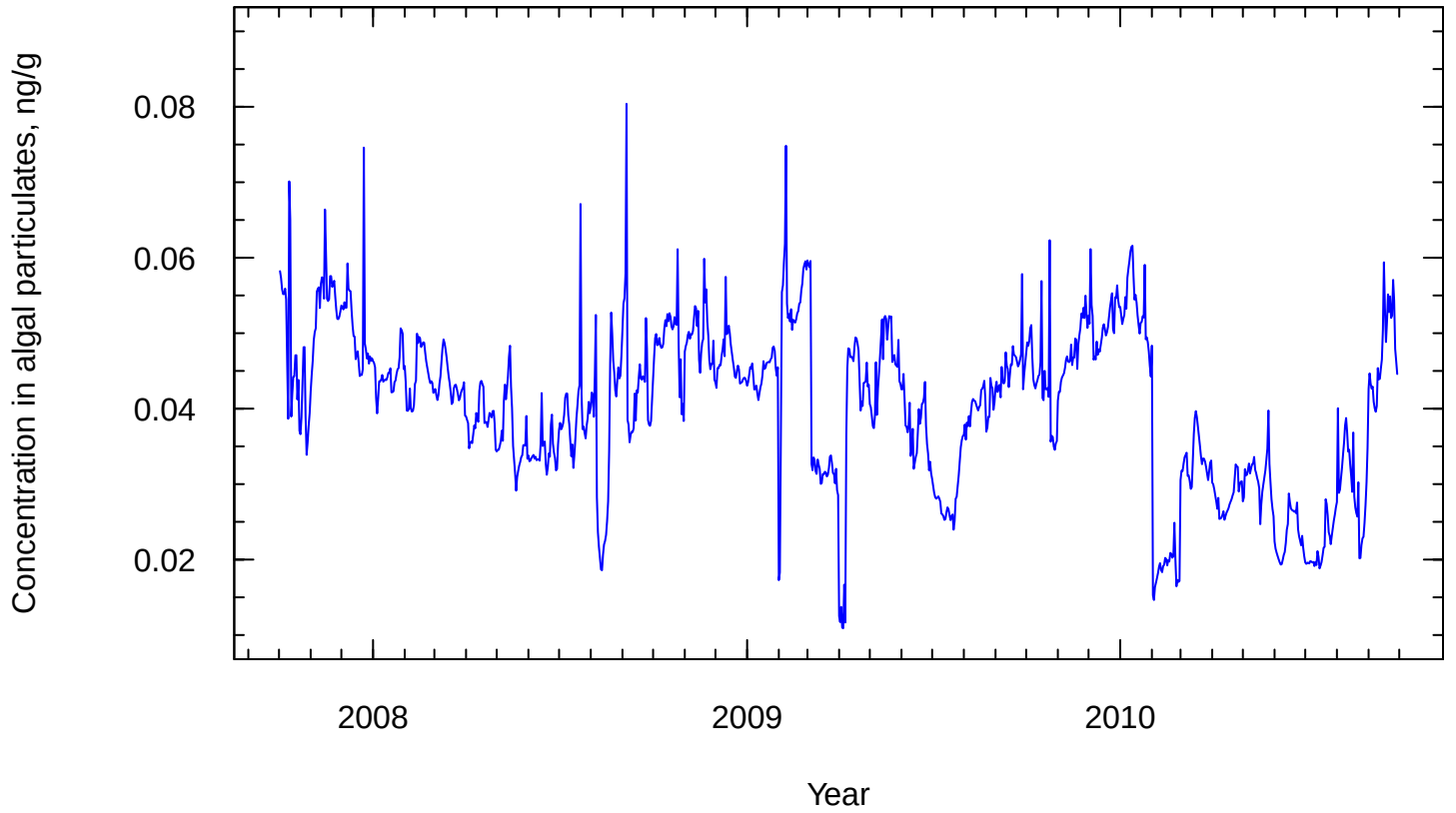
TetraCB, CAC in RM 14.7–Dam whole river



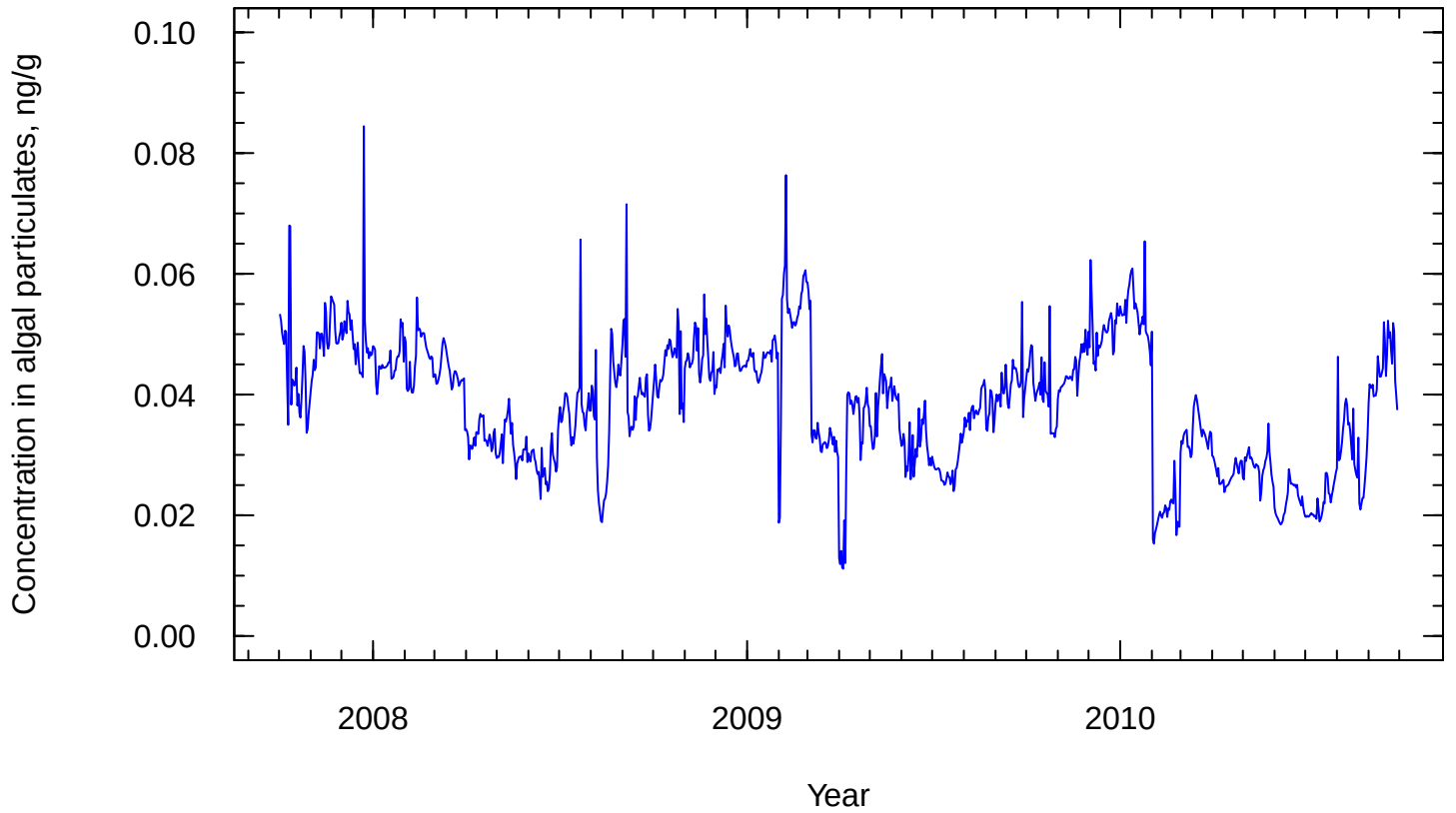
TetraCB, CAC in RM 14.7–Dam mudflat only



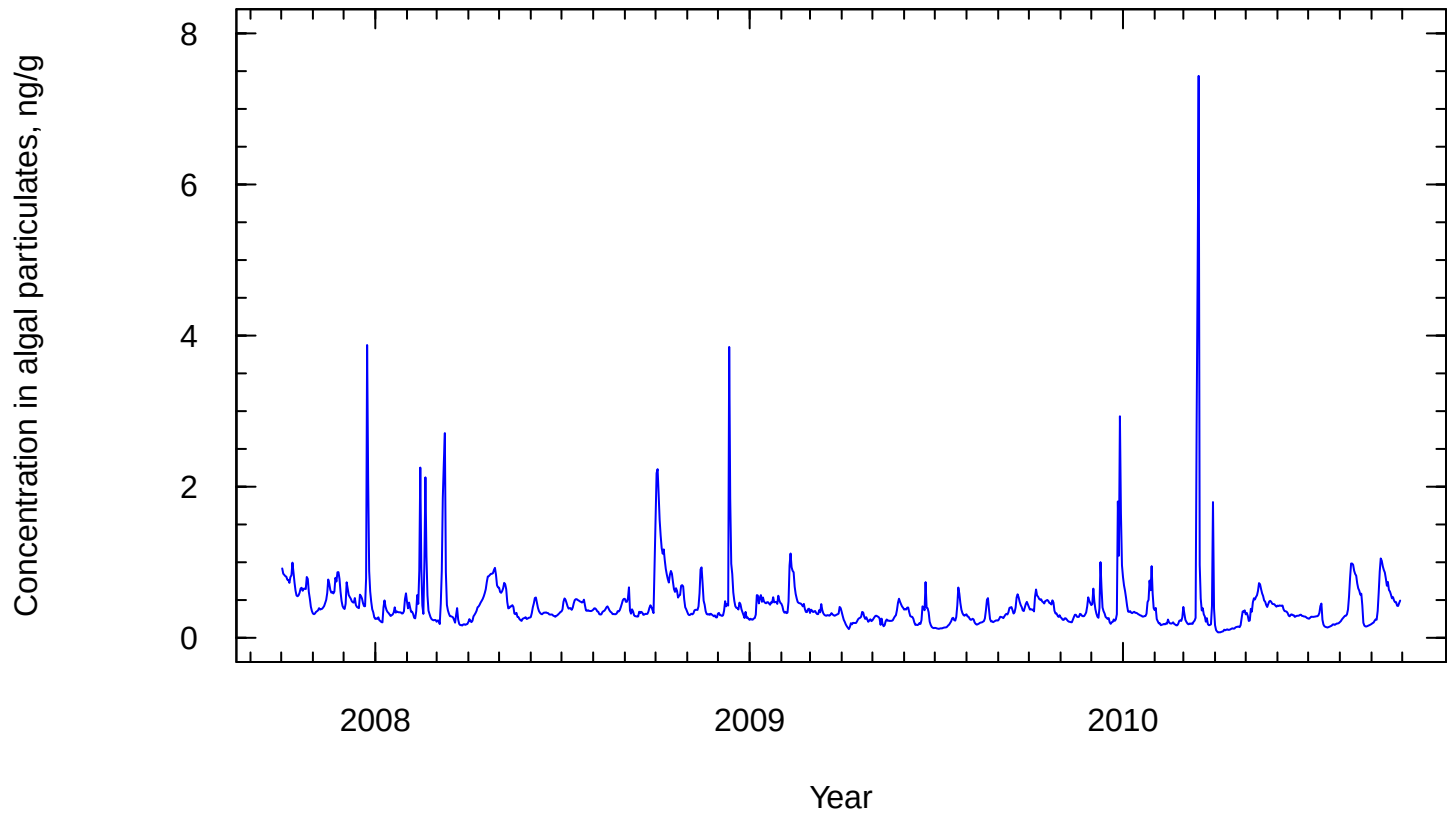
1234678–HpCDF, CAC in RM 14.7–Dam whole river



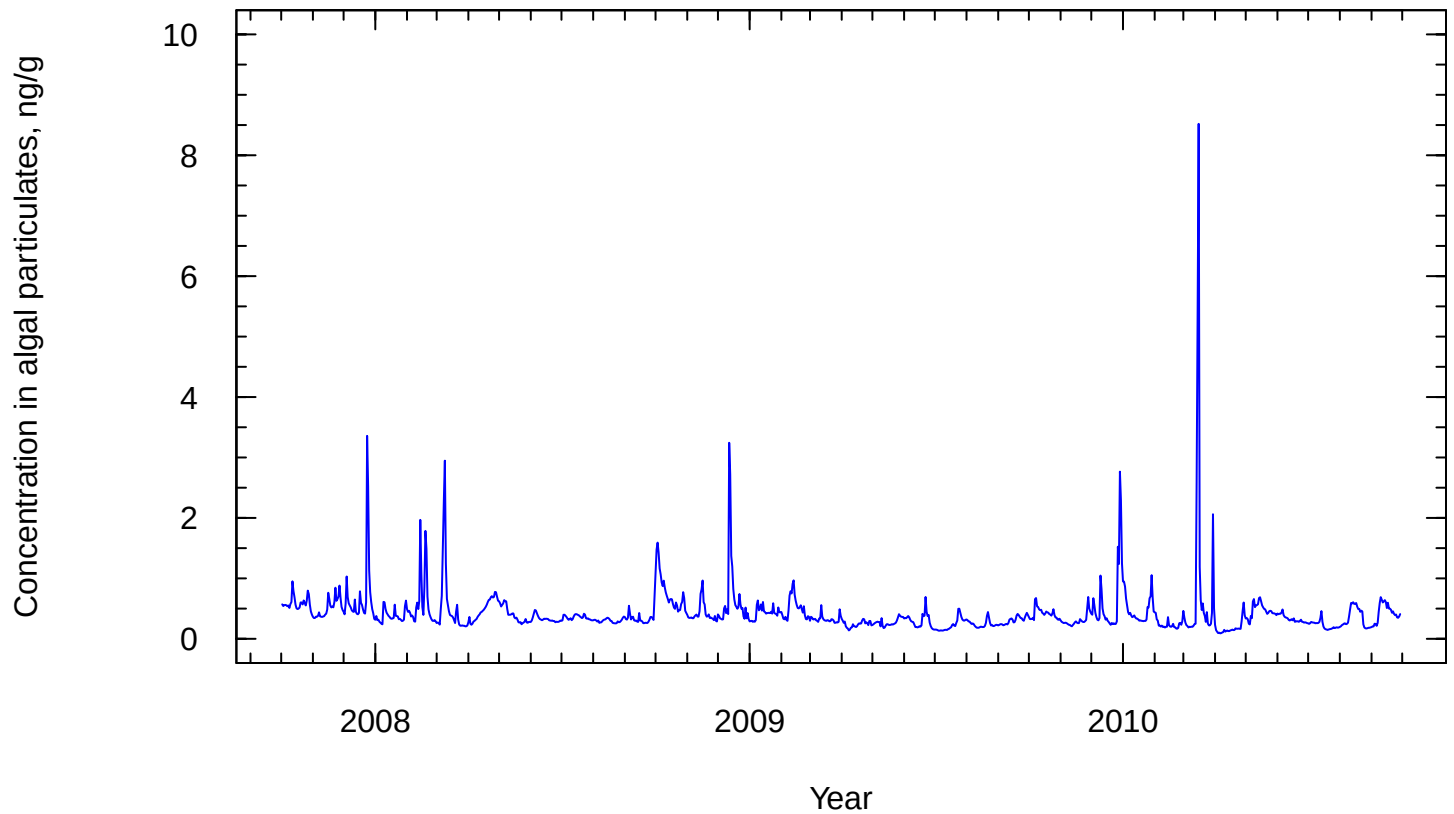
1234678–HpCDF, CAC in RM 14.7–Dam mudflat only



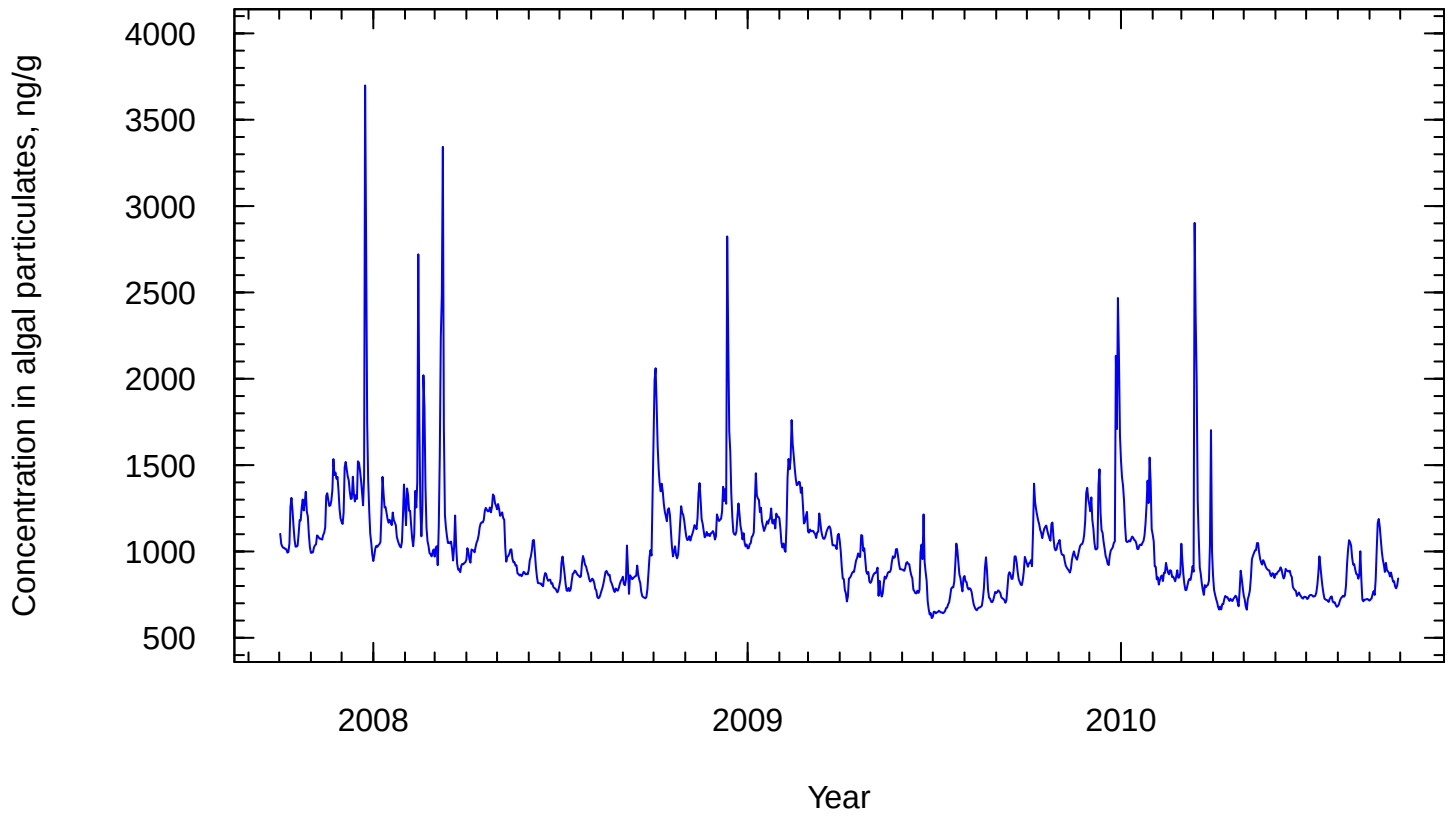
2378-TCDD, CAC_DET in RM 0-6 whole river



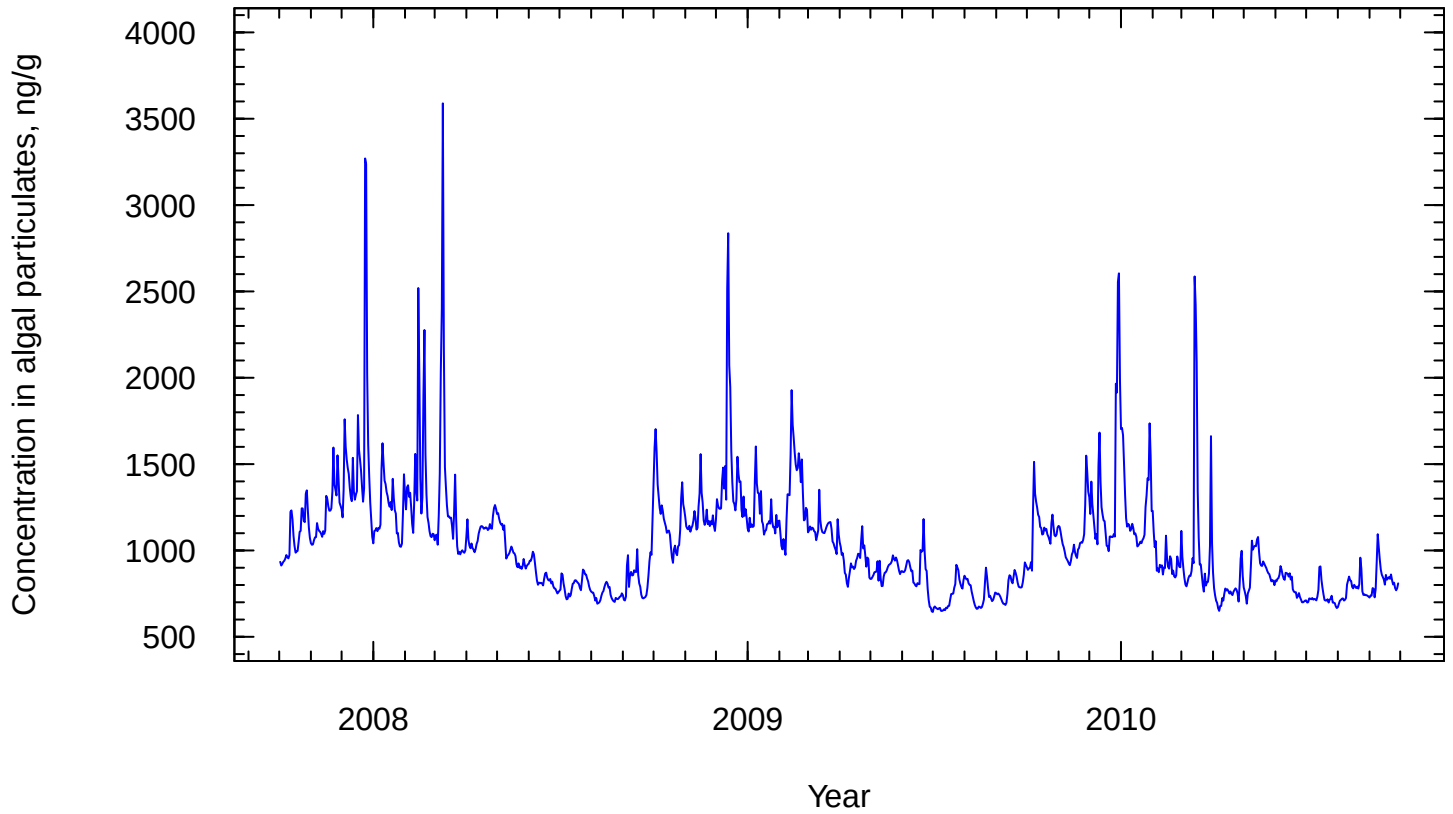
2378-TCDD, CAC_DET in RM 0-6 mudflat only



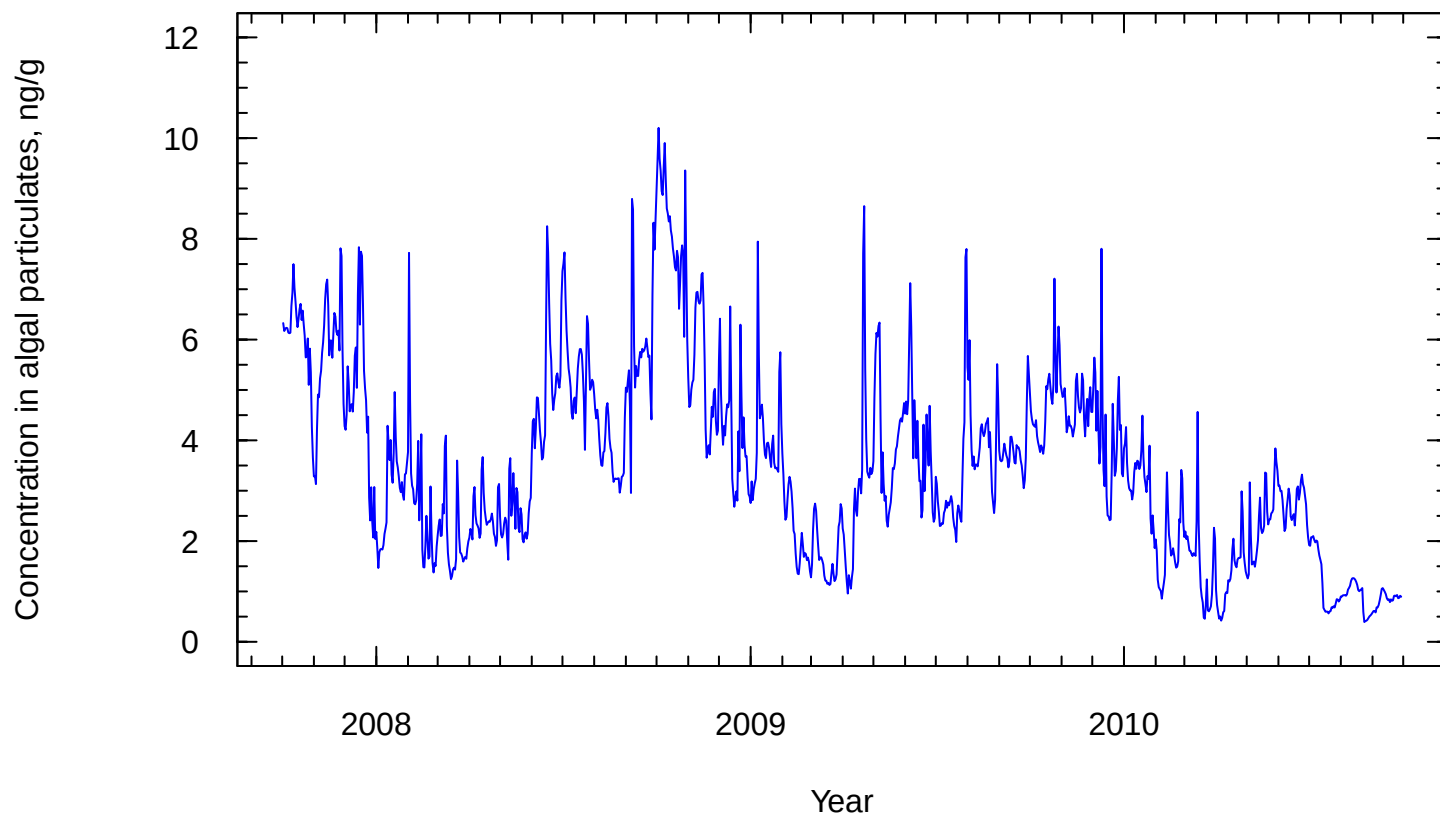
TetraCB, CAC_DET in RM 0–6 whole river



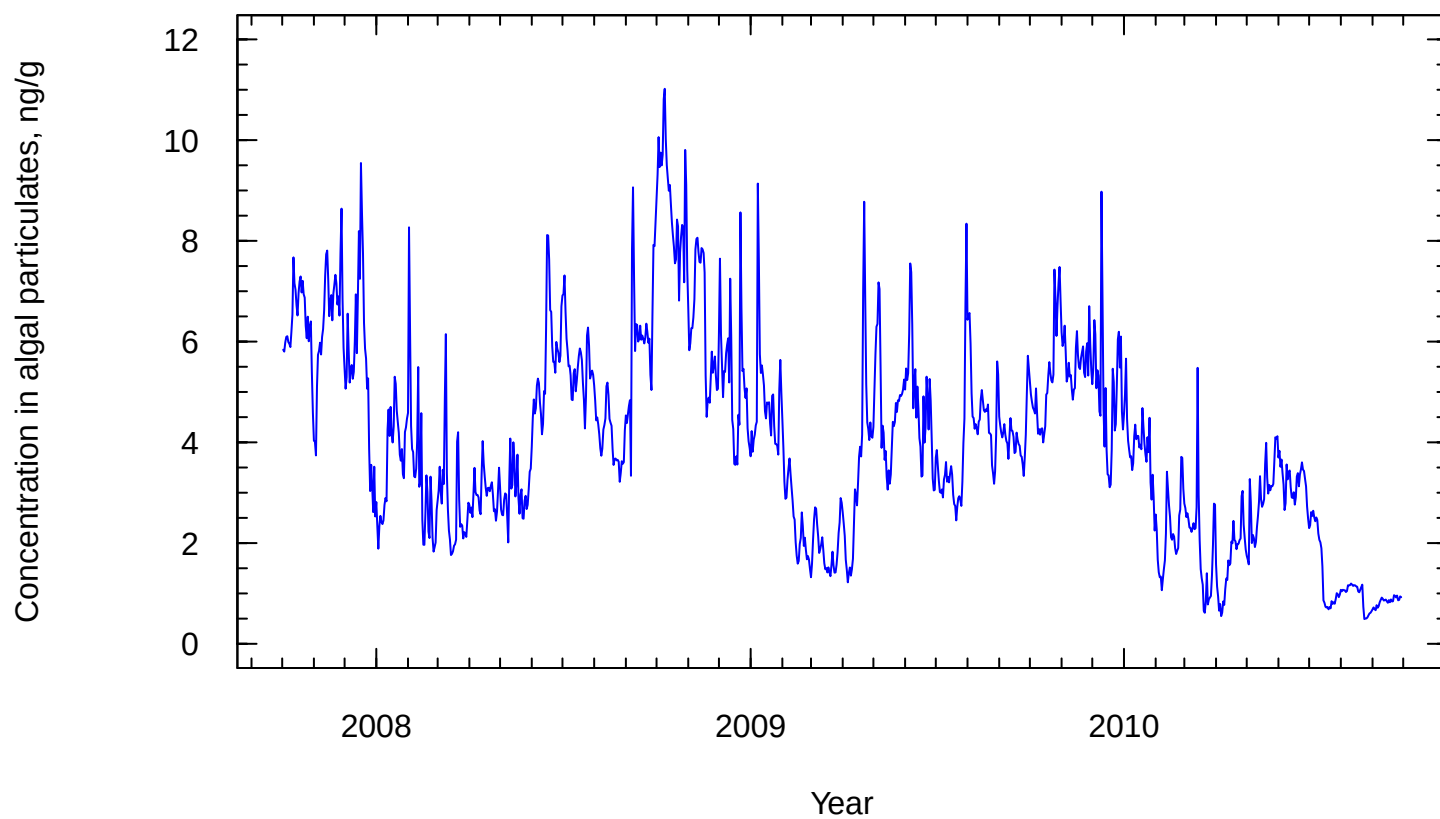
TetraCB, CAC_DET in RM 0–6 mudflat only



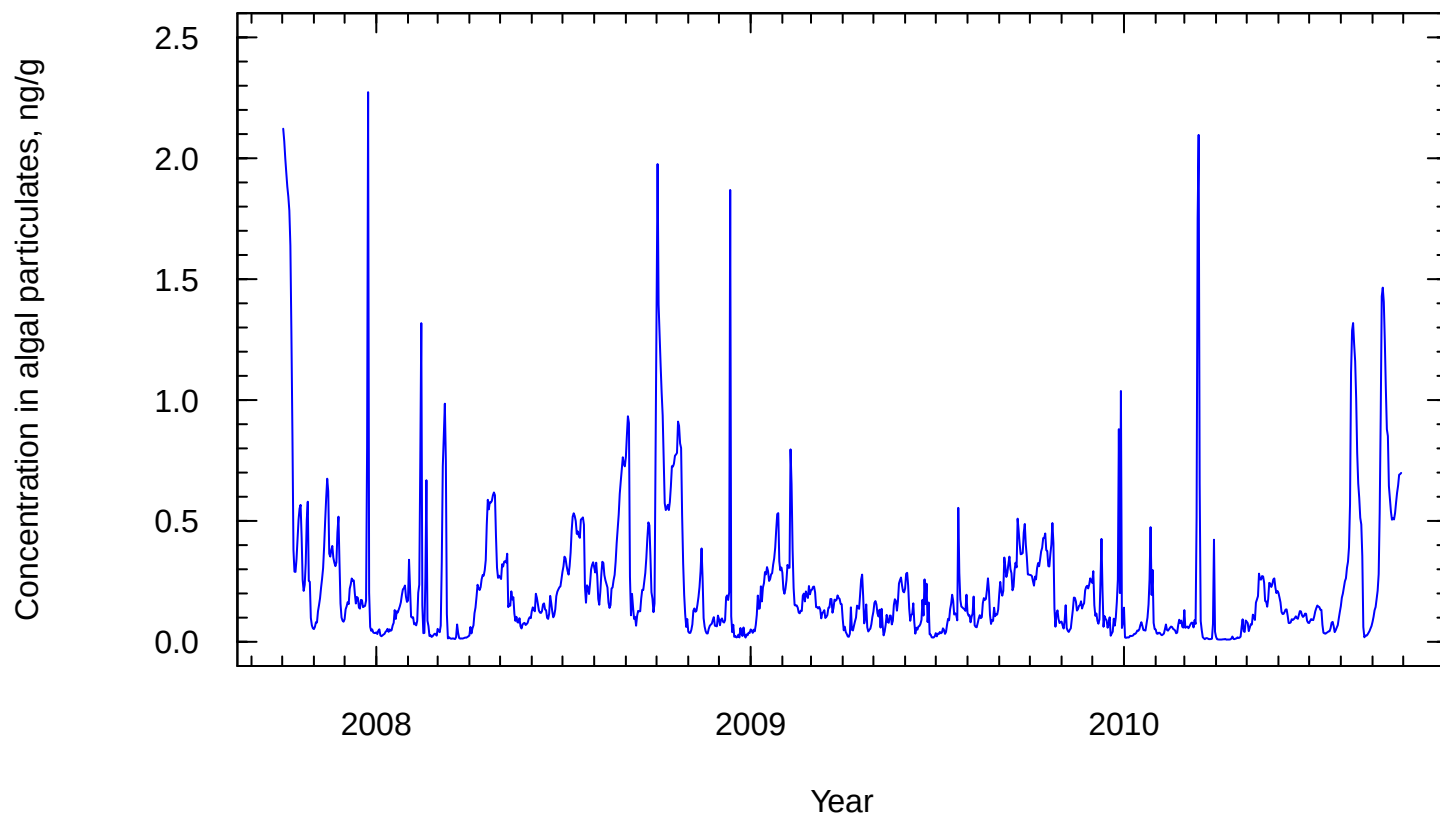
1234678-HpCDF, CAC_DET in RM 0-6 whole river



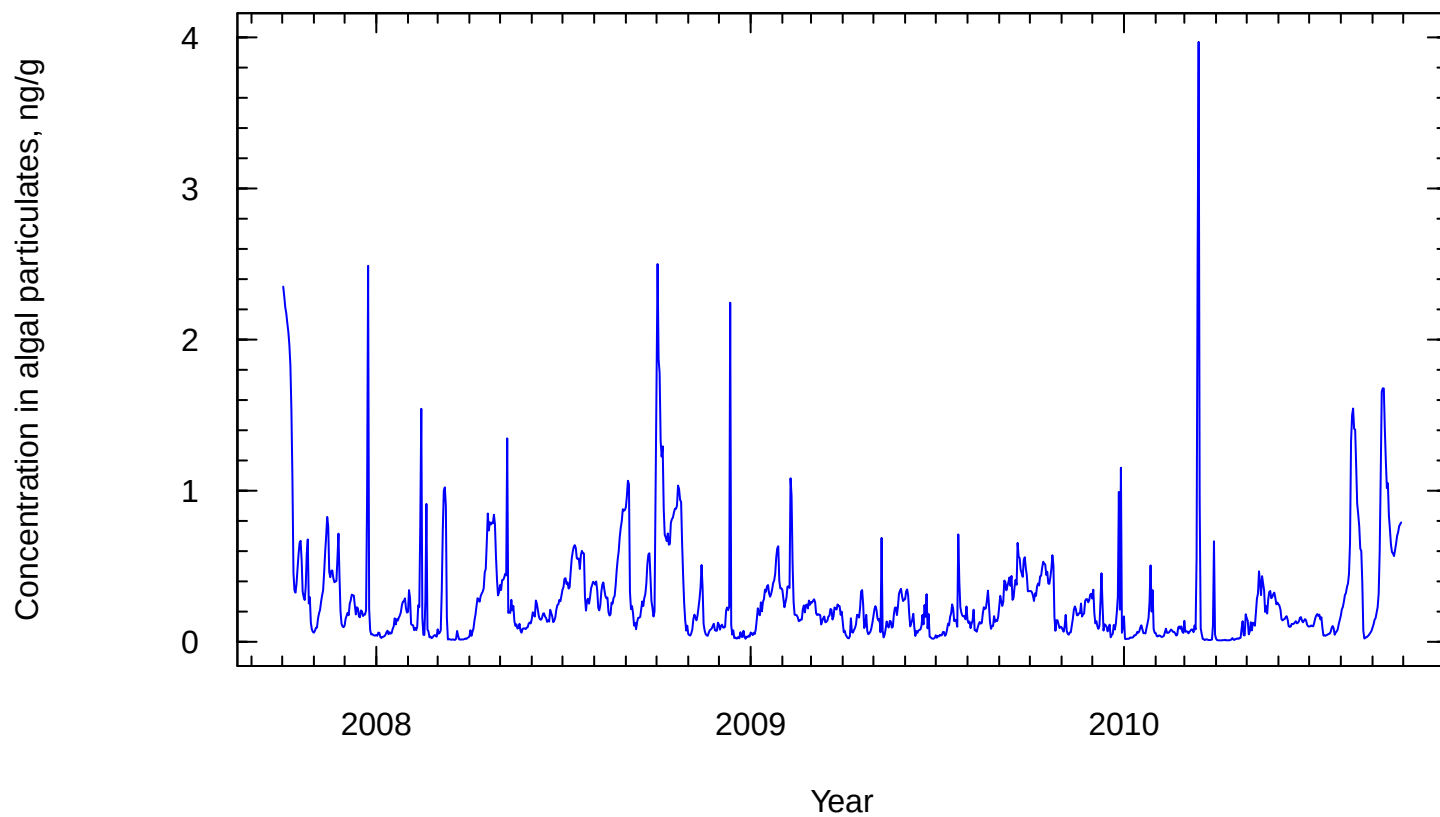
1234678-HpCDF, CAC_DET in RM 0-6 mudflat only



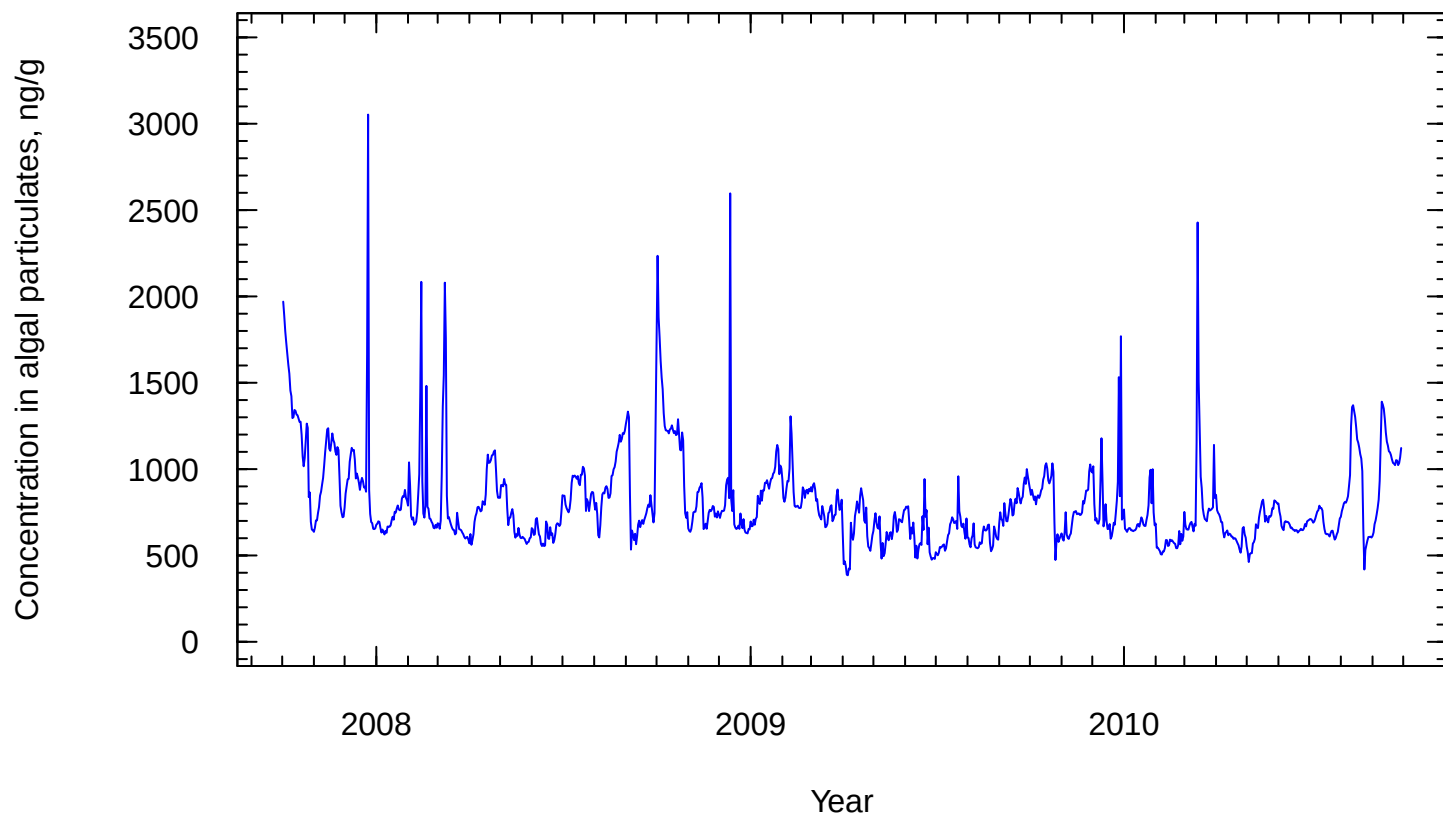
2378-TCDD, CAC_DET in RM 6-14.7 whole river



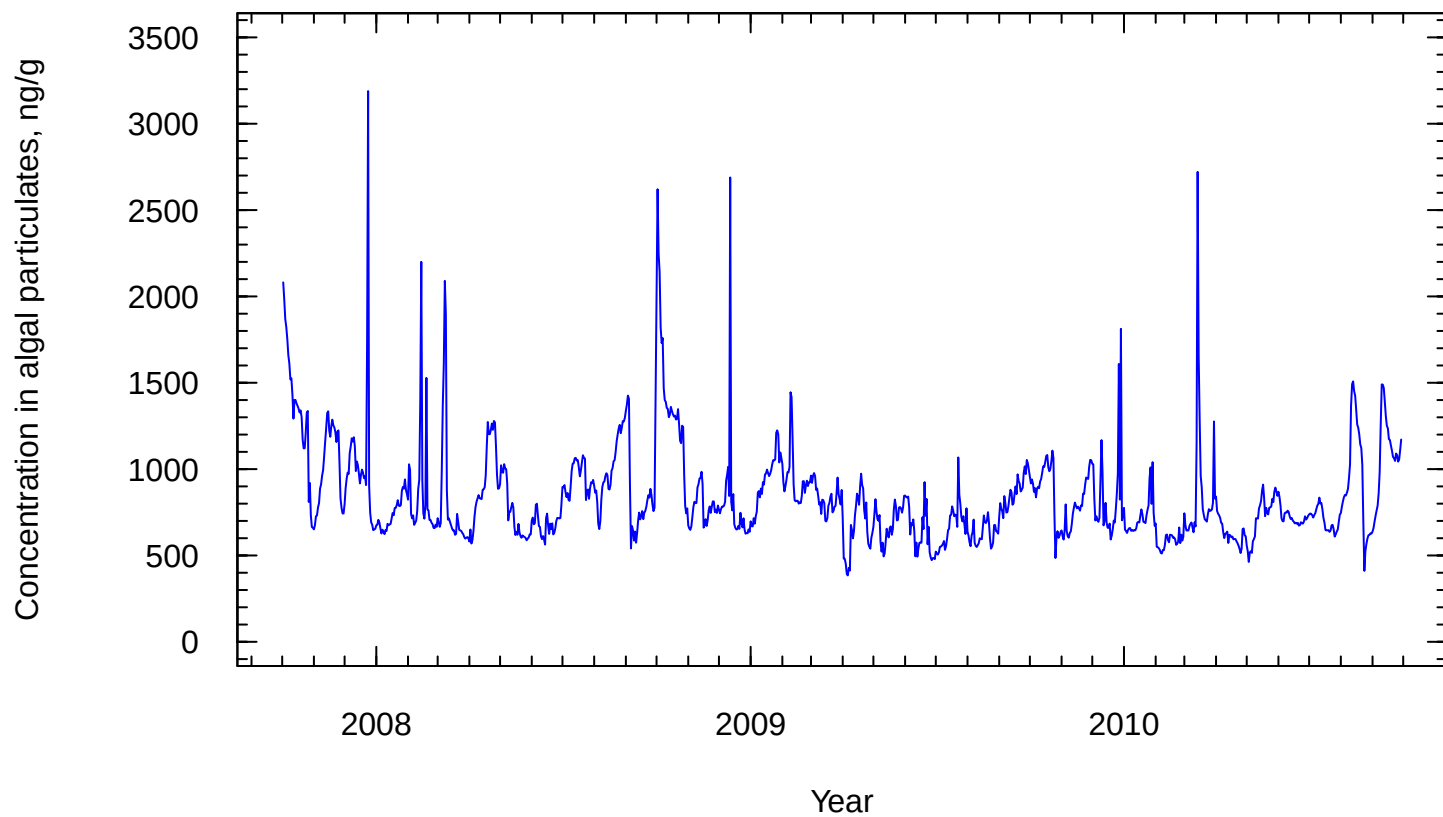
2378-TCDD, CAC_DET in RM 6-14.7 mudflat only



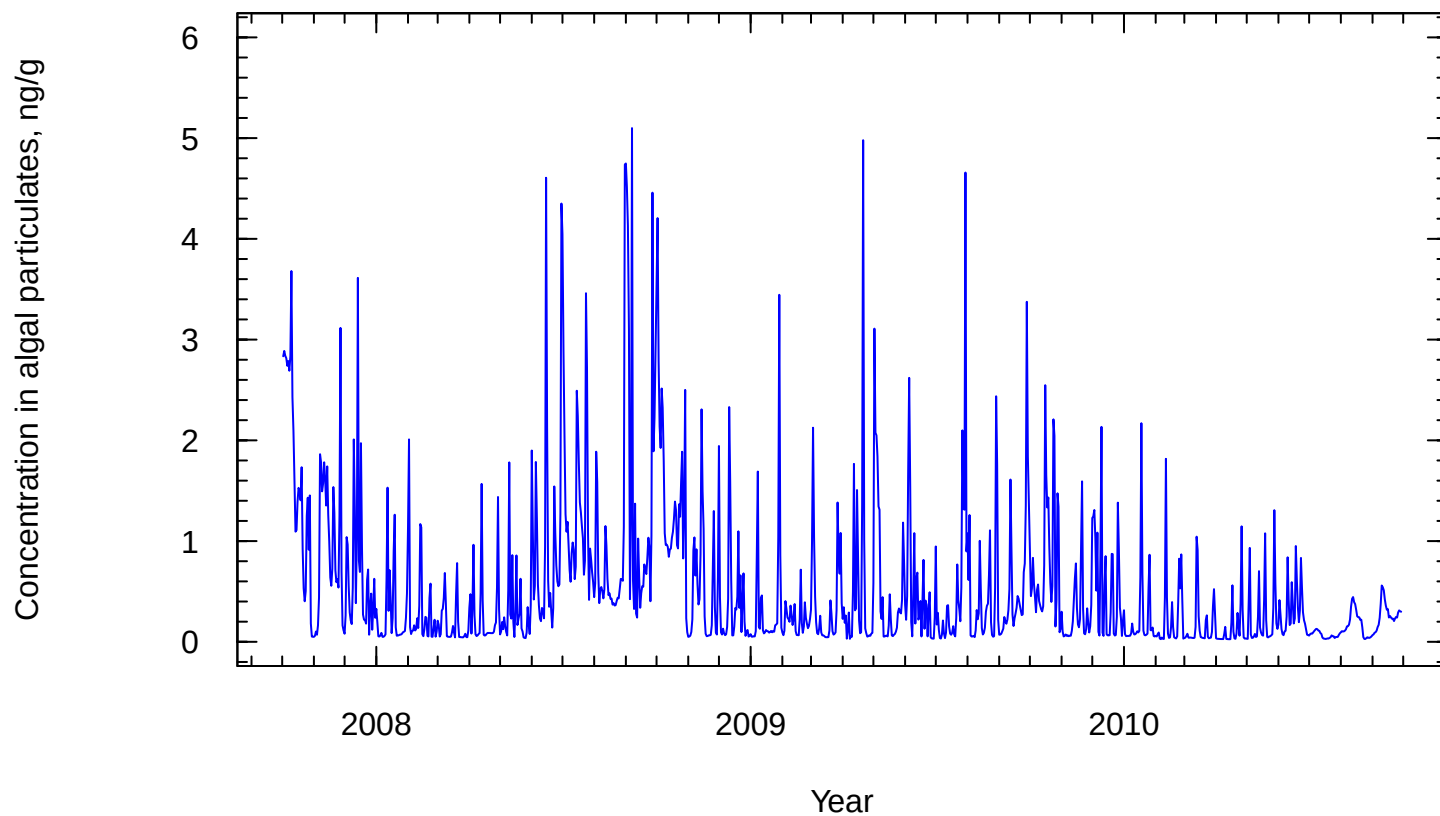
TetraCB, CAC_DET in RM 6–14.7 whole river



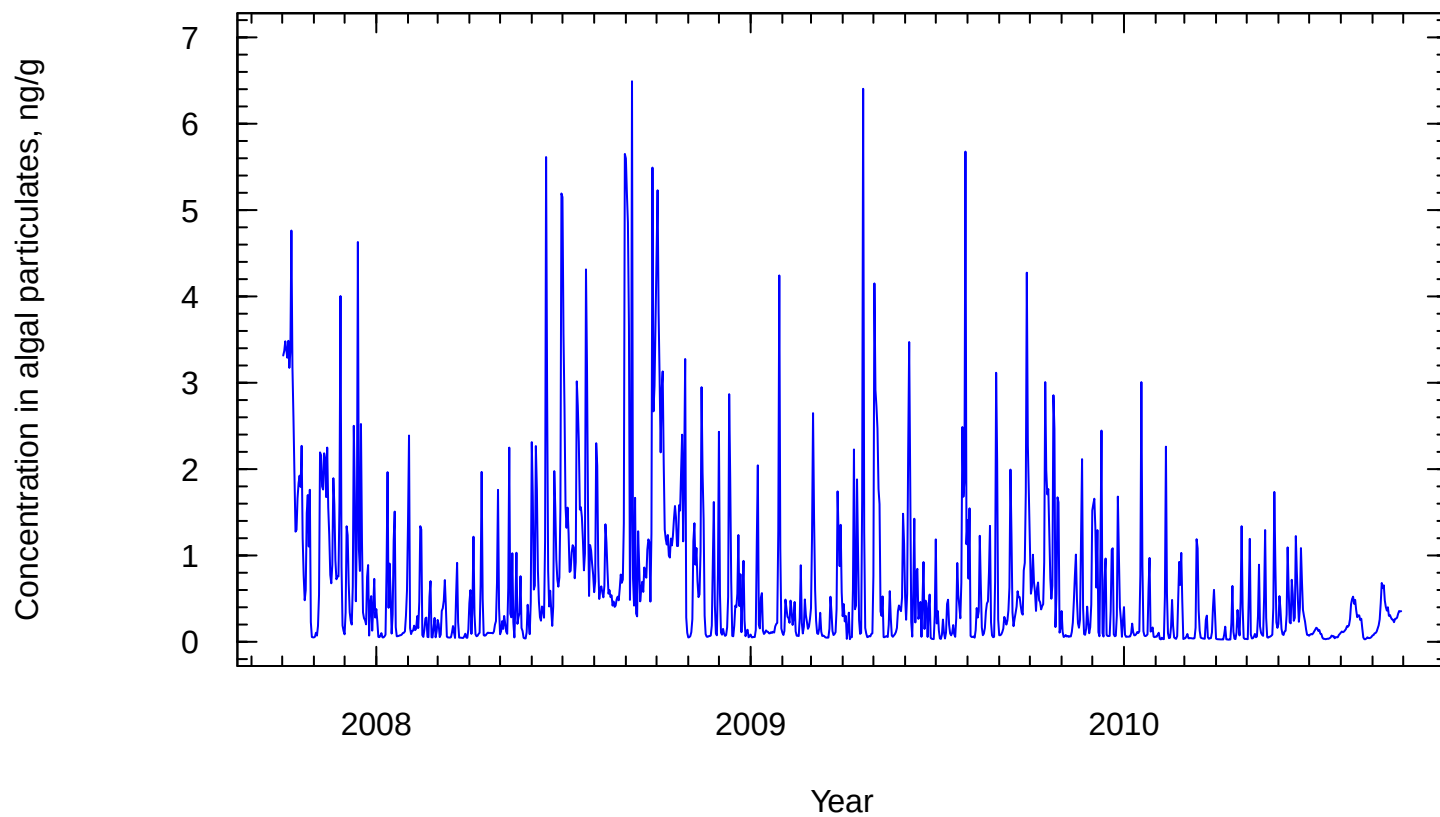
TetraCB, CAC_DET in RM 6–14.7 mudflat only



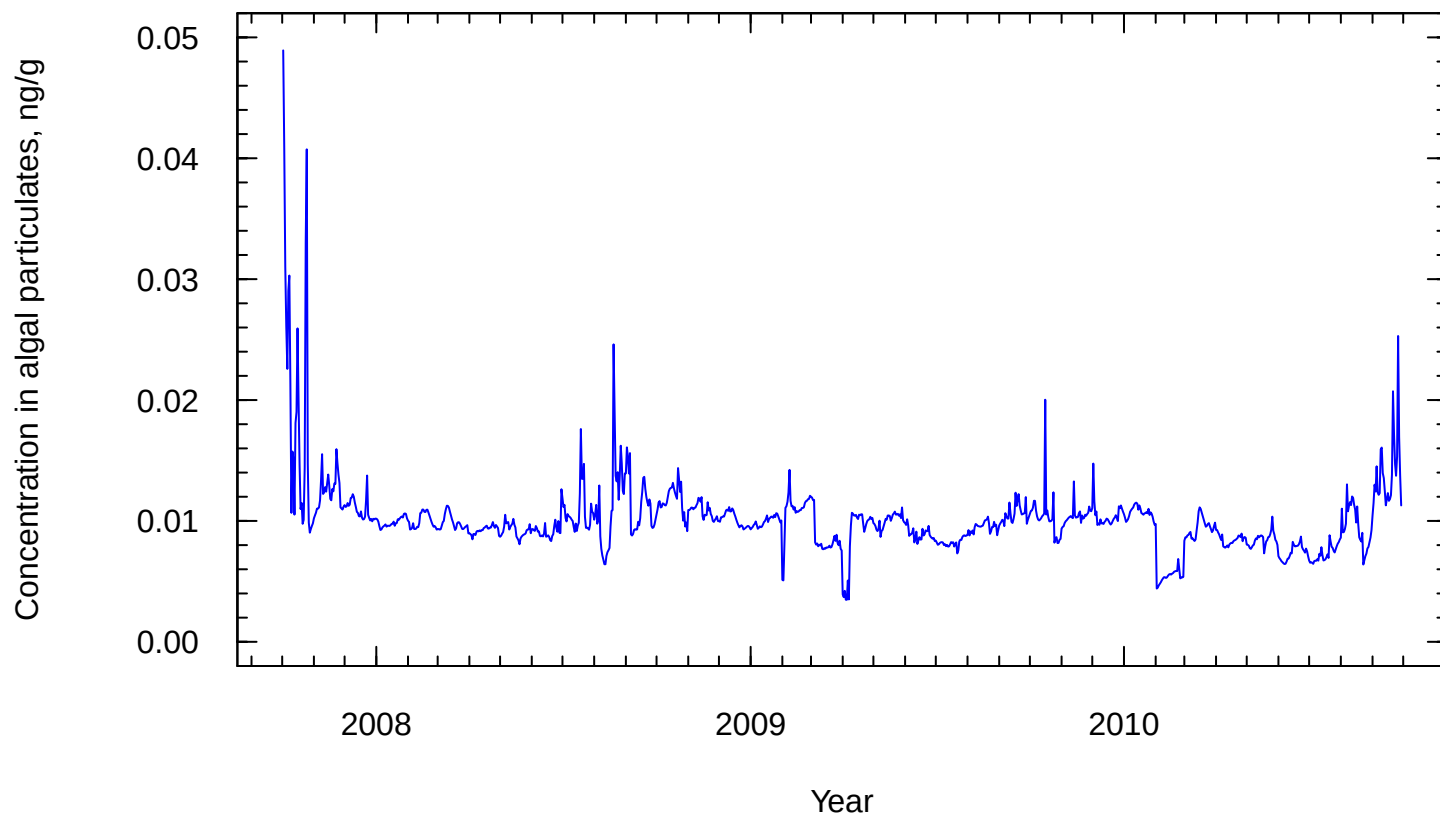
1234678–HpCDF, CAC_DET in RM 6–14.7 whole river



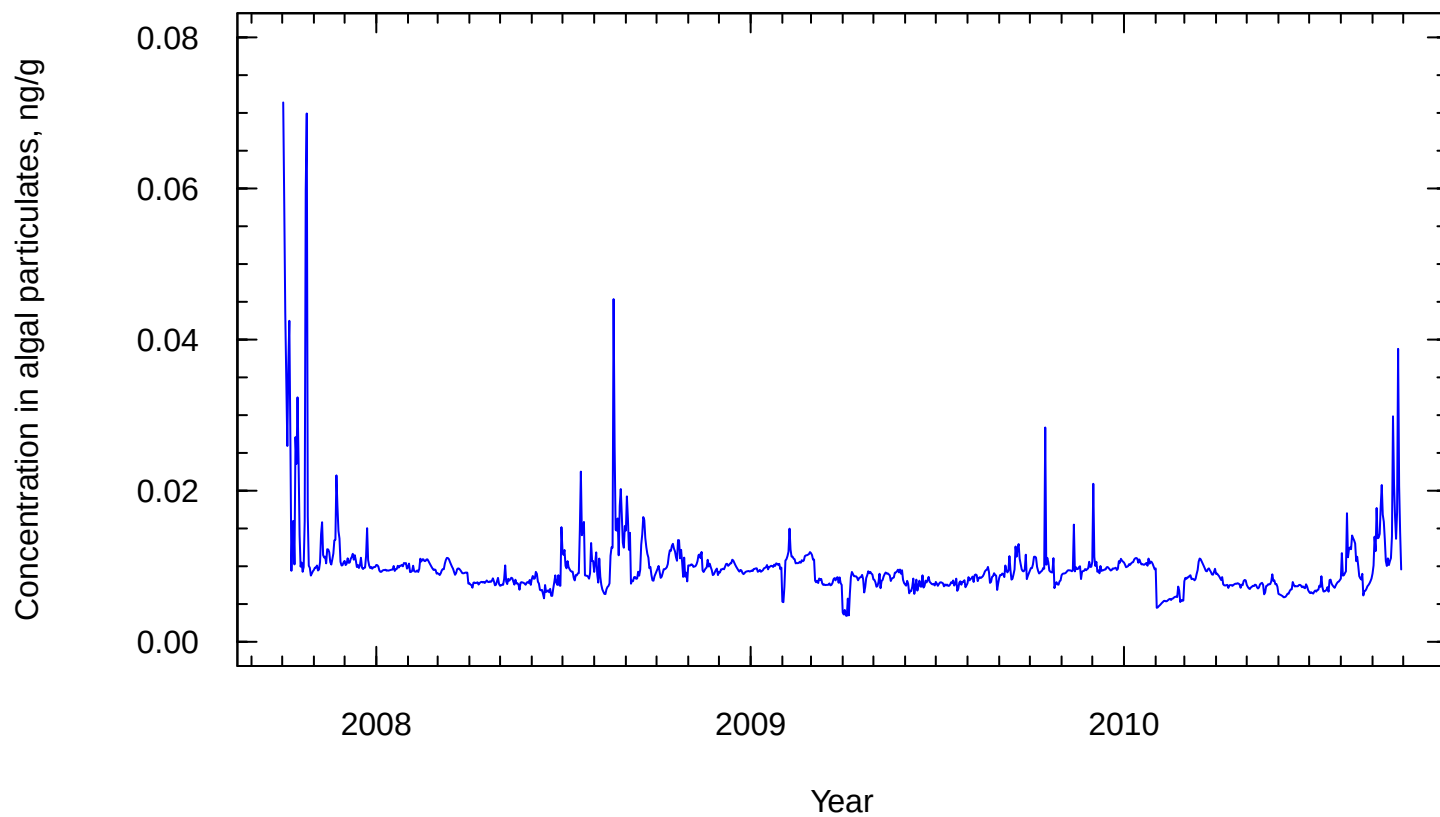
1234678–HpCDF, CAC_DET in RM 6–14.7 mudflat only



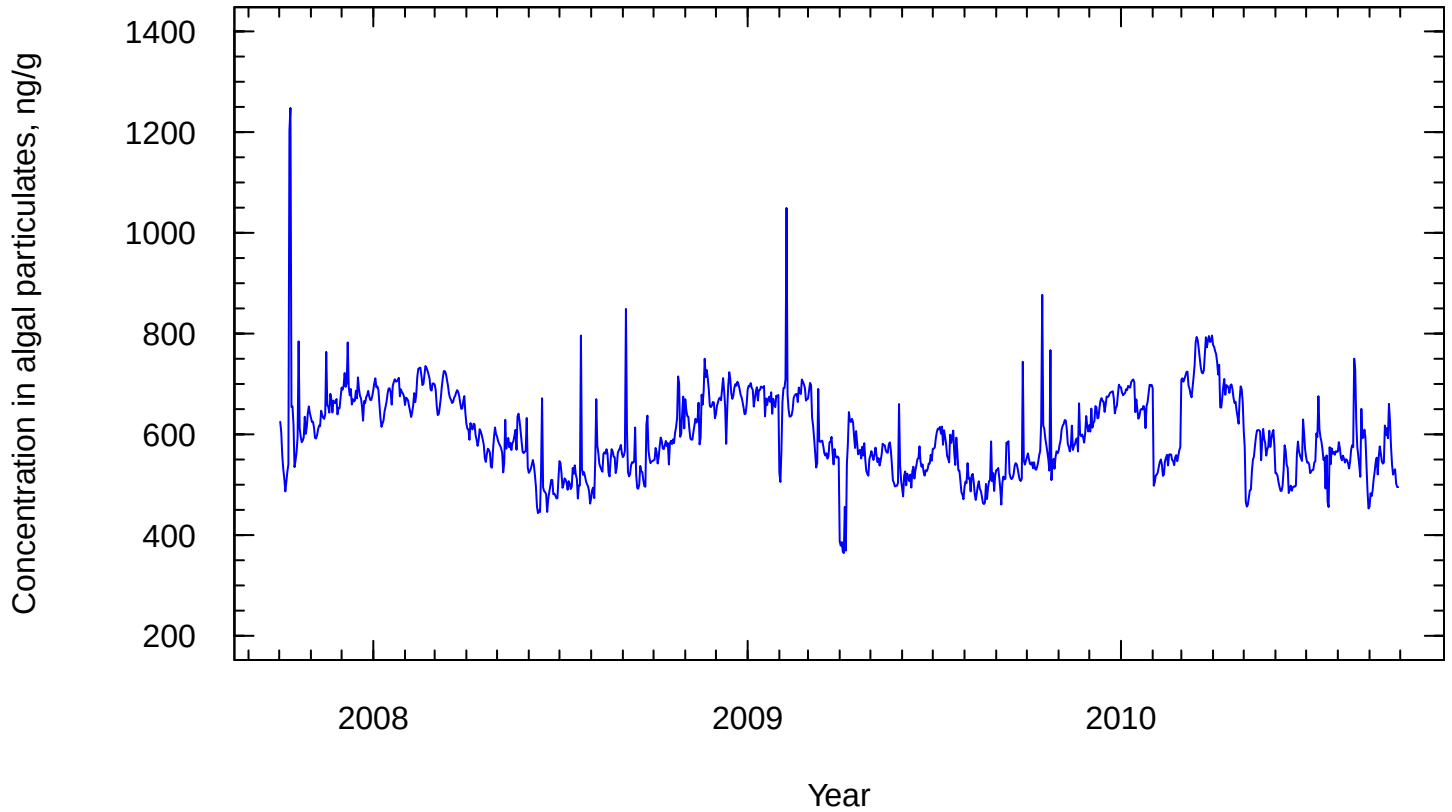
2378-TCDD, CAC_DET in RM 14.7-Dam whole river



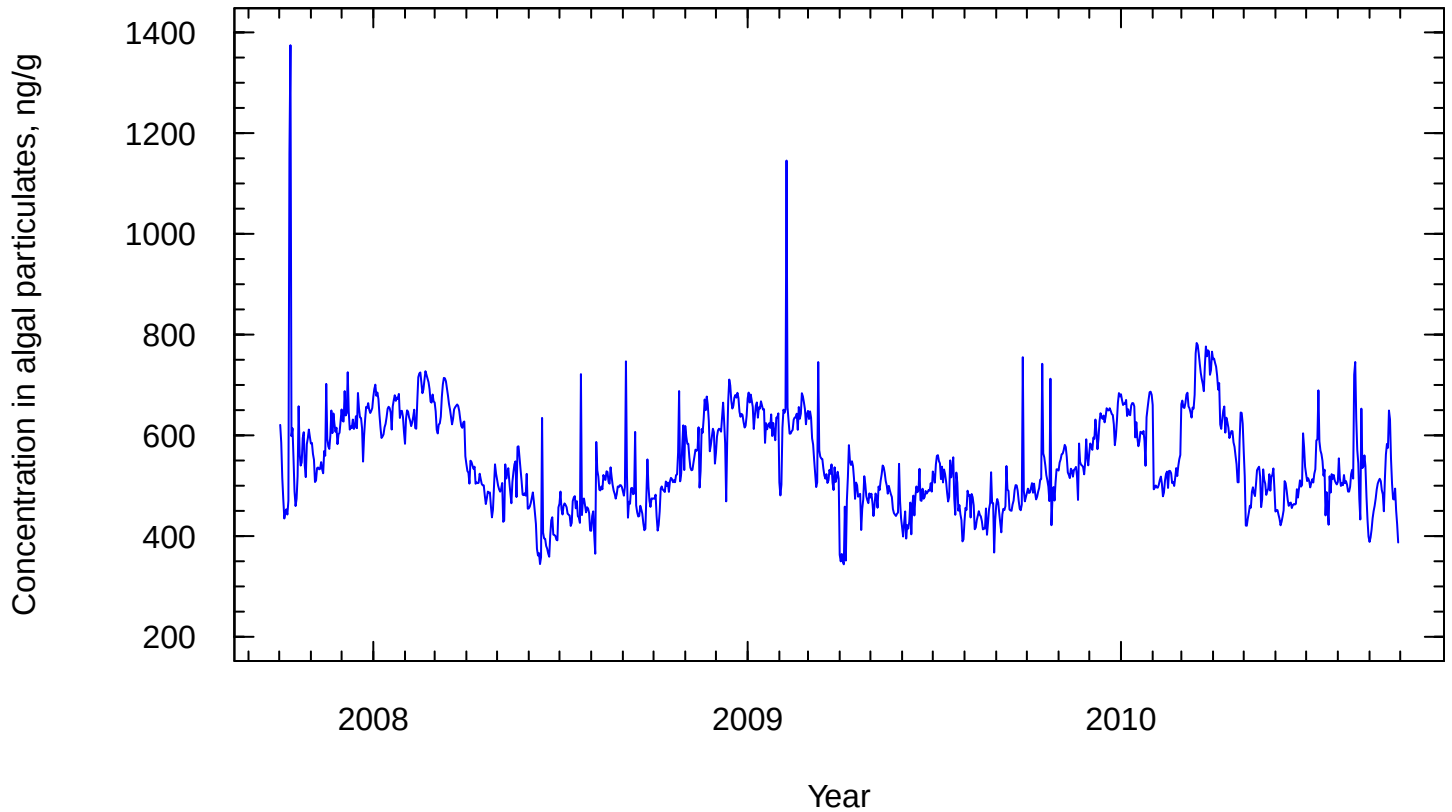
2378-TCDD, CAC_DET in RM 14.7-Dam mudflat only



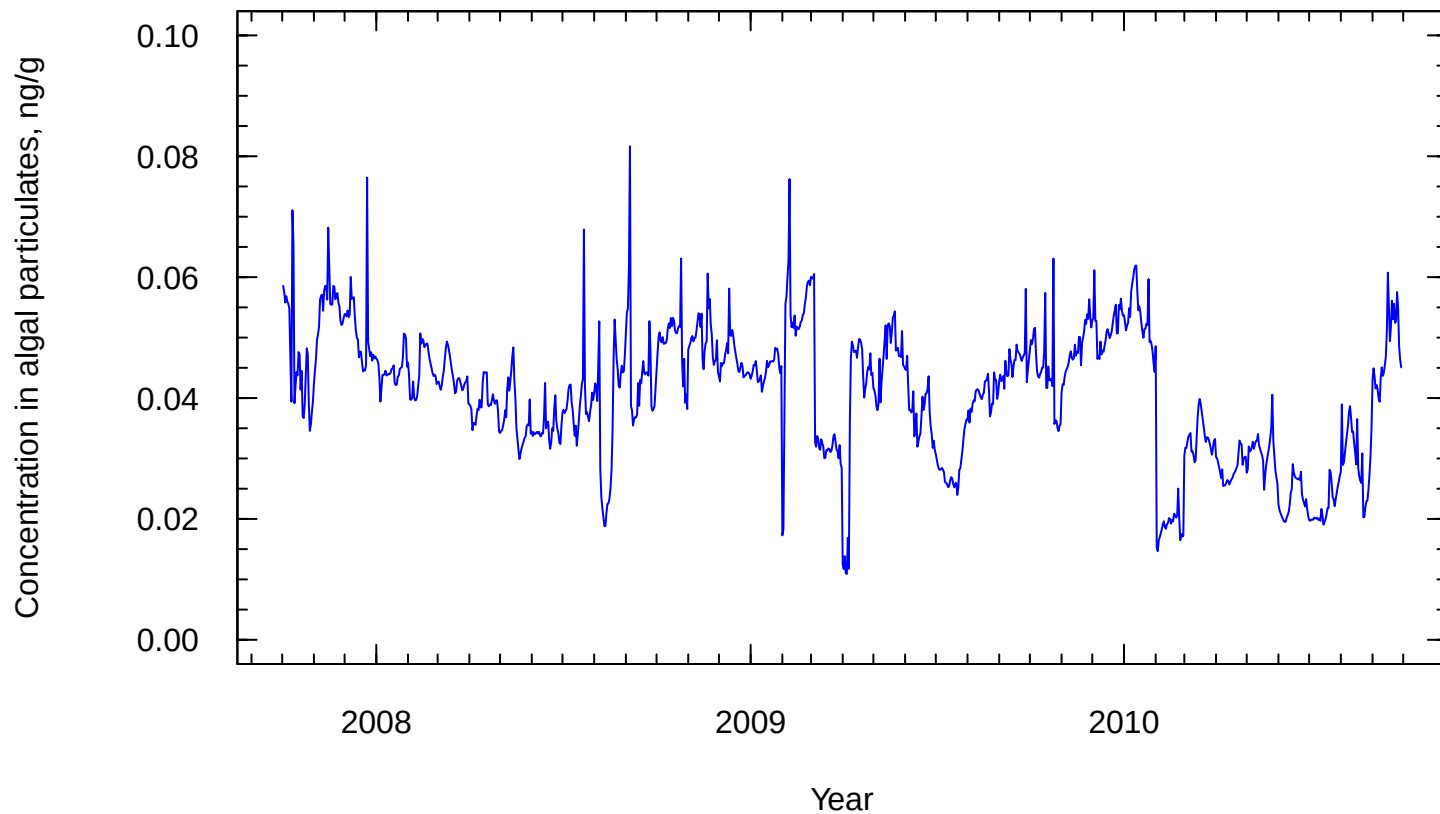
TetraCB, CAC_DET in RM 14.7–Dam whole river



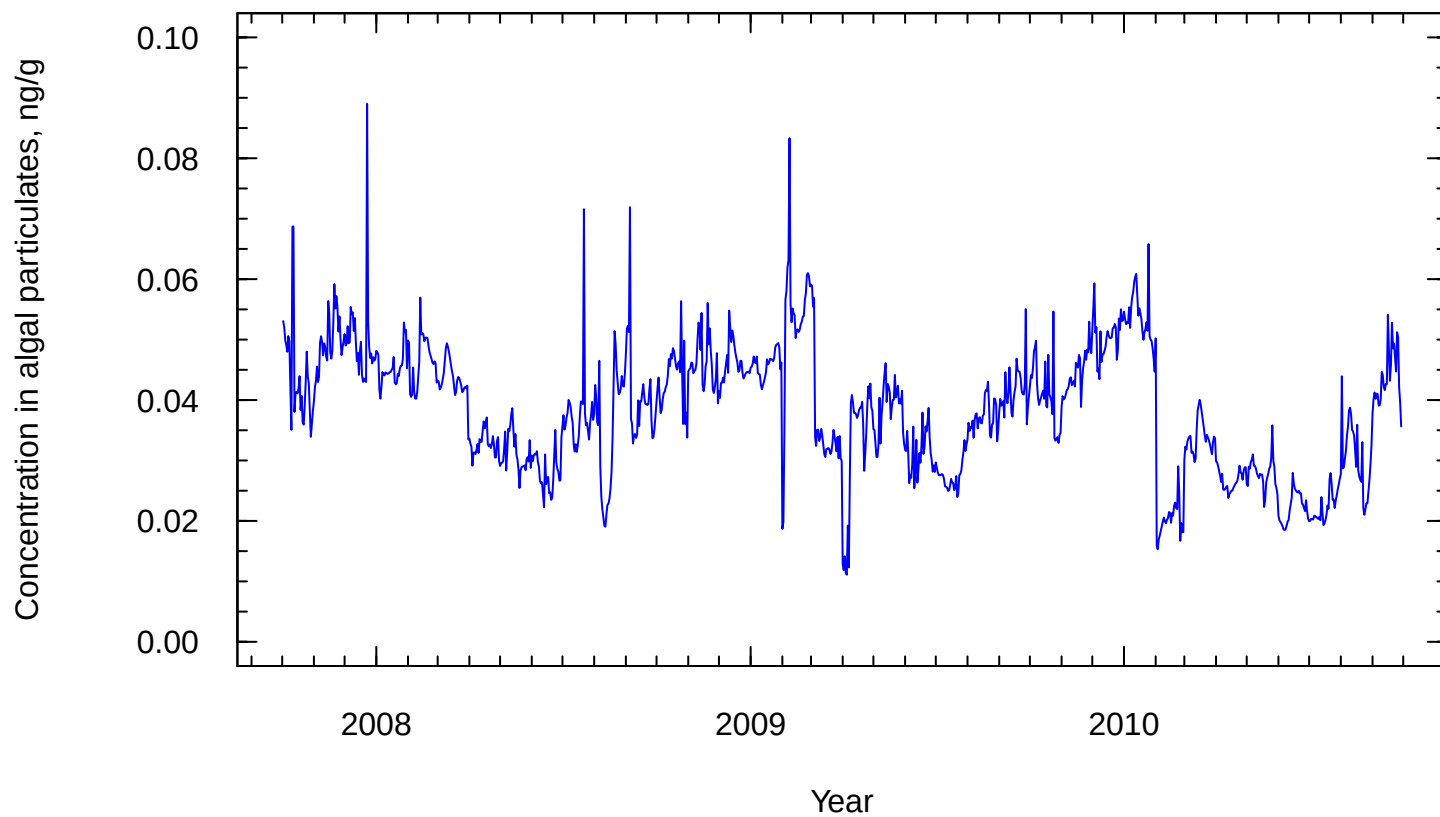
TetraCB, CAC_DET in RM 14.7–Dam mudflat only



1234678–HpCDF, CAC_DET in RM 14.7–Dam whole river

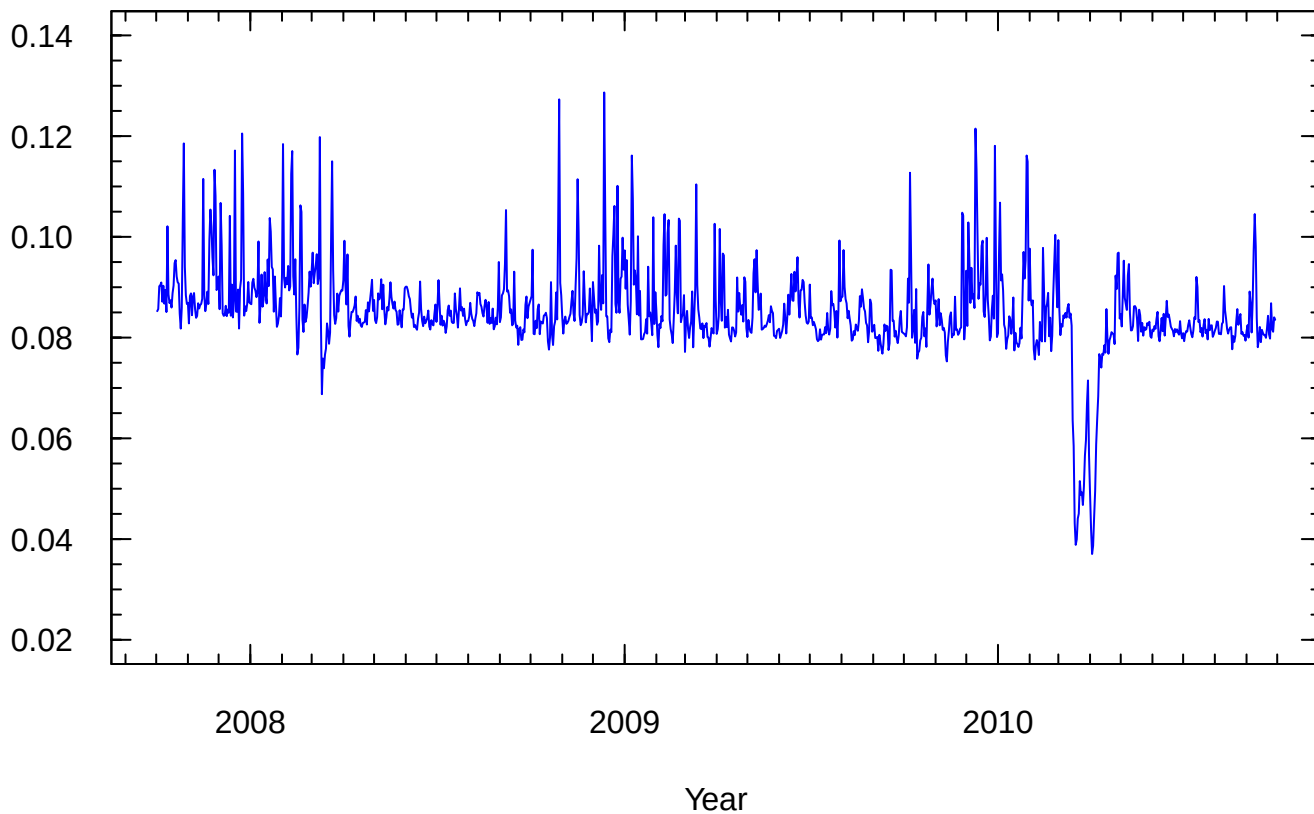


1234678–HpCDF, CAC_DET in RM 14.7–Dam mudflat only



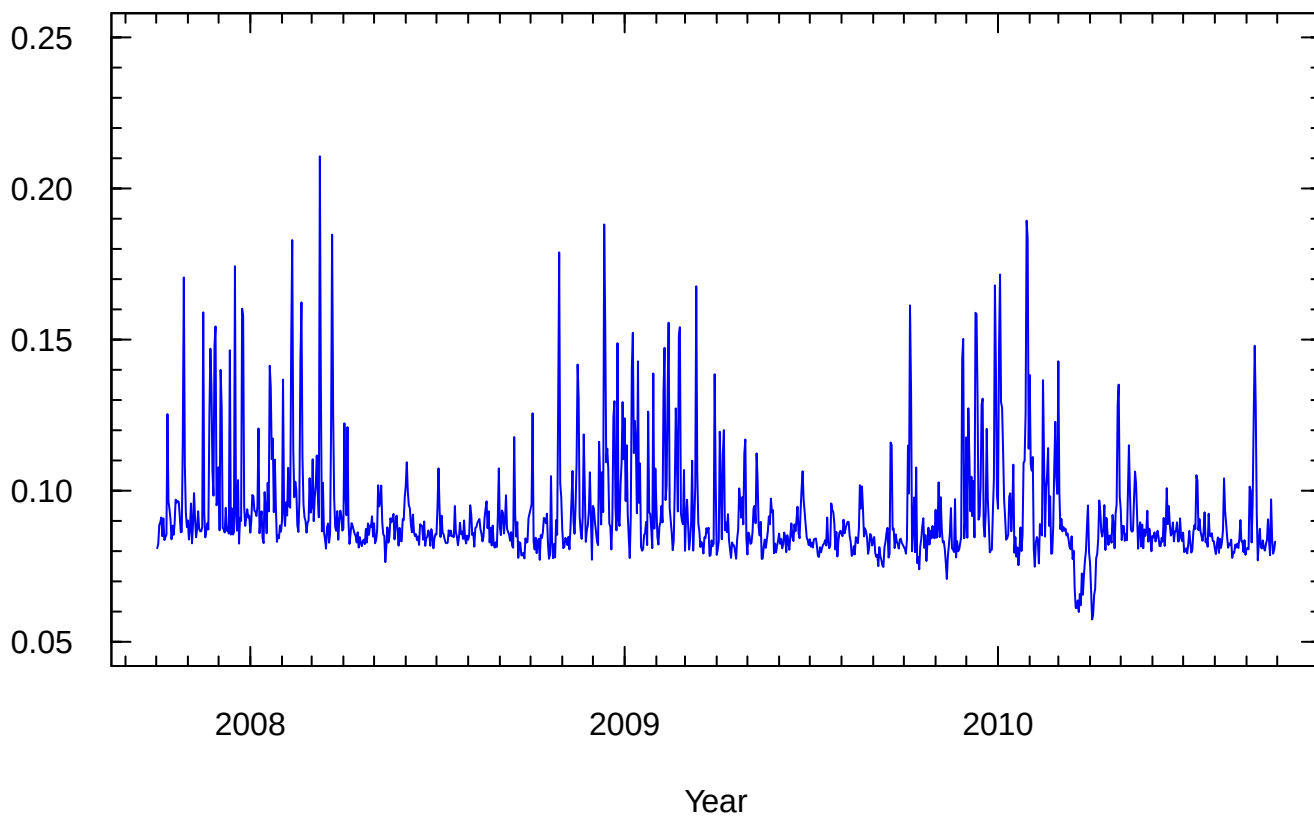
Organic carbon content of detrital particulates, fraction of total

OCPART_DET in RM 0–6 whole river



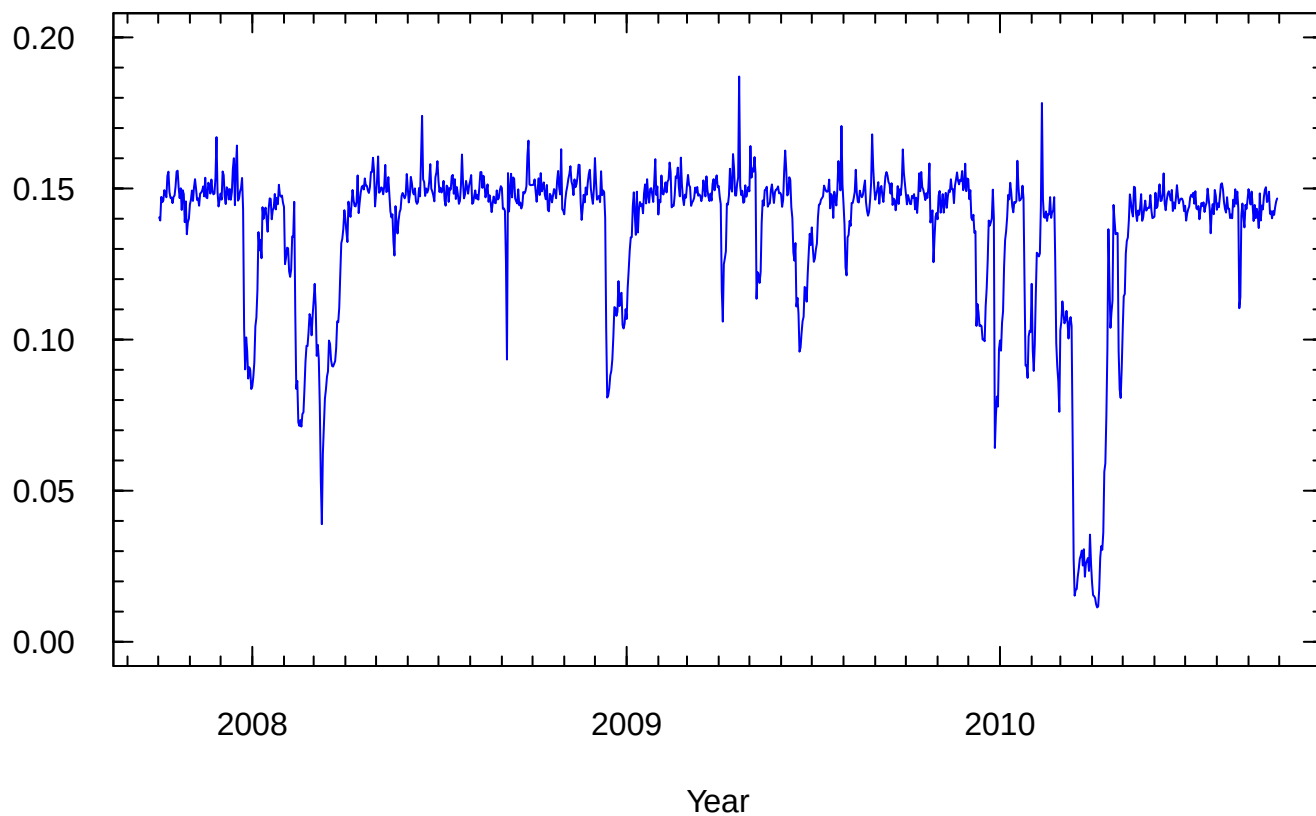
Organic carbon content of detrital particulates, fraction of total

OCPART_DET in RM 0–6 mudflat only



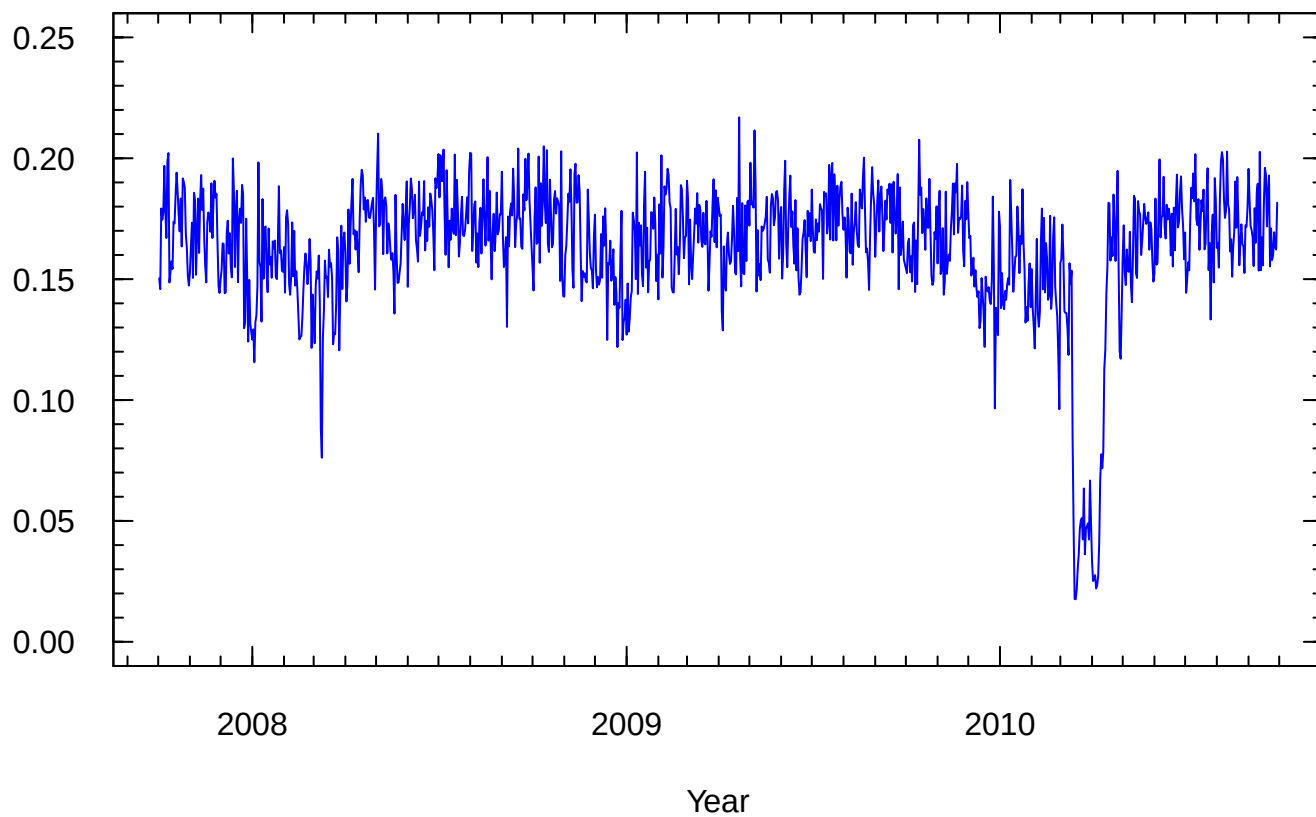
Organic carbon content of detrital particulates, fraction of total

OCPART_DET in RM 6–14.7 whole river



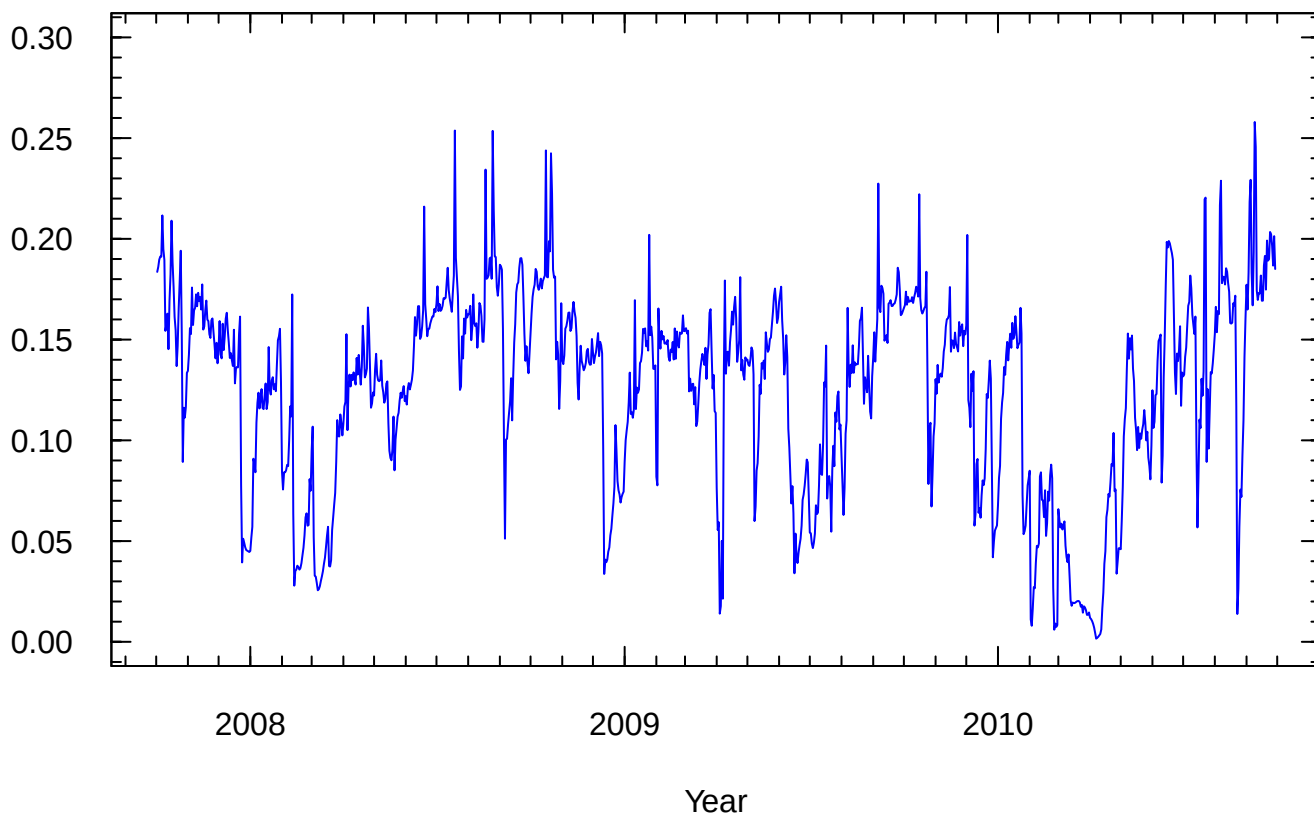
Organic carbon content of detrital particulates, fraction of total

OCPART_DET in RM 6–14.7 mudflat only



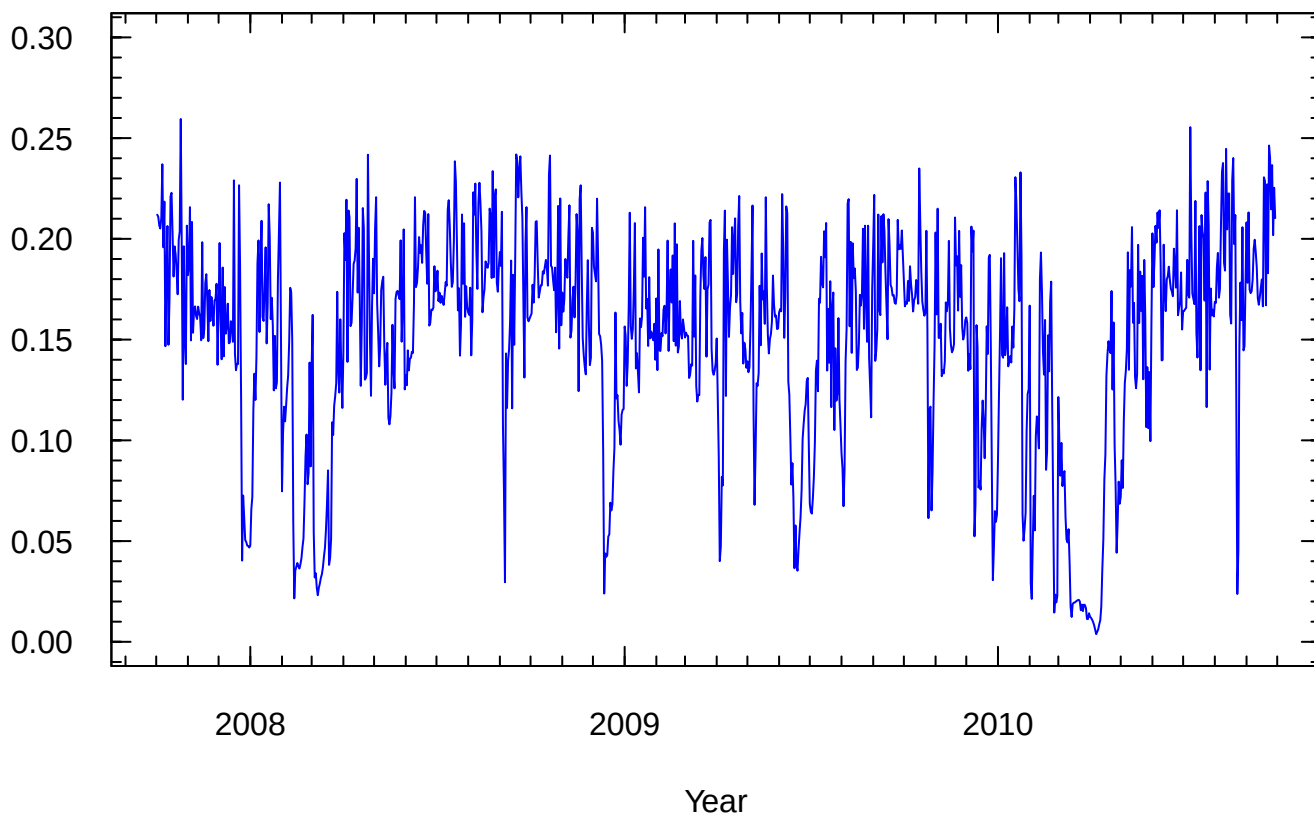
Organic carbon content of detrital particulates, fraction of total

OCPART_DET in RM 14.7-Dam whole river

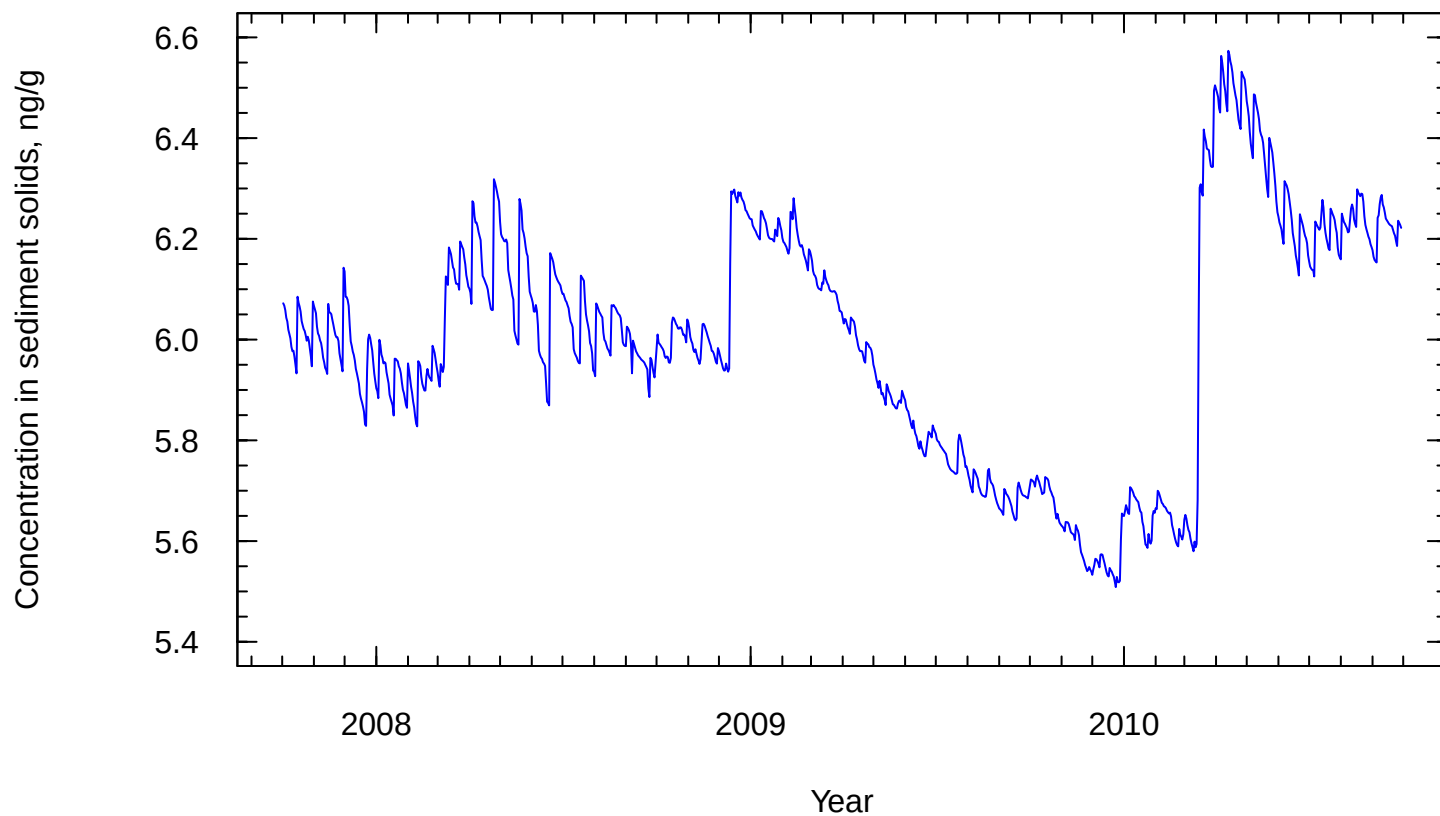


Organic carbon content of detrital particulates, fraction of total

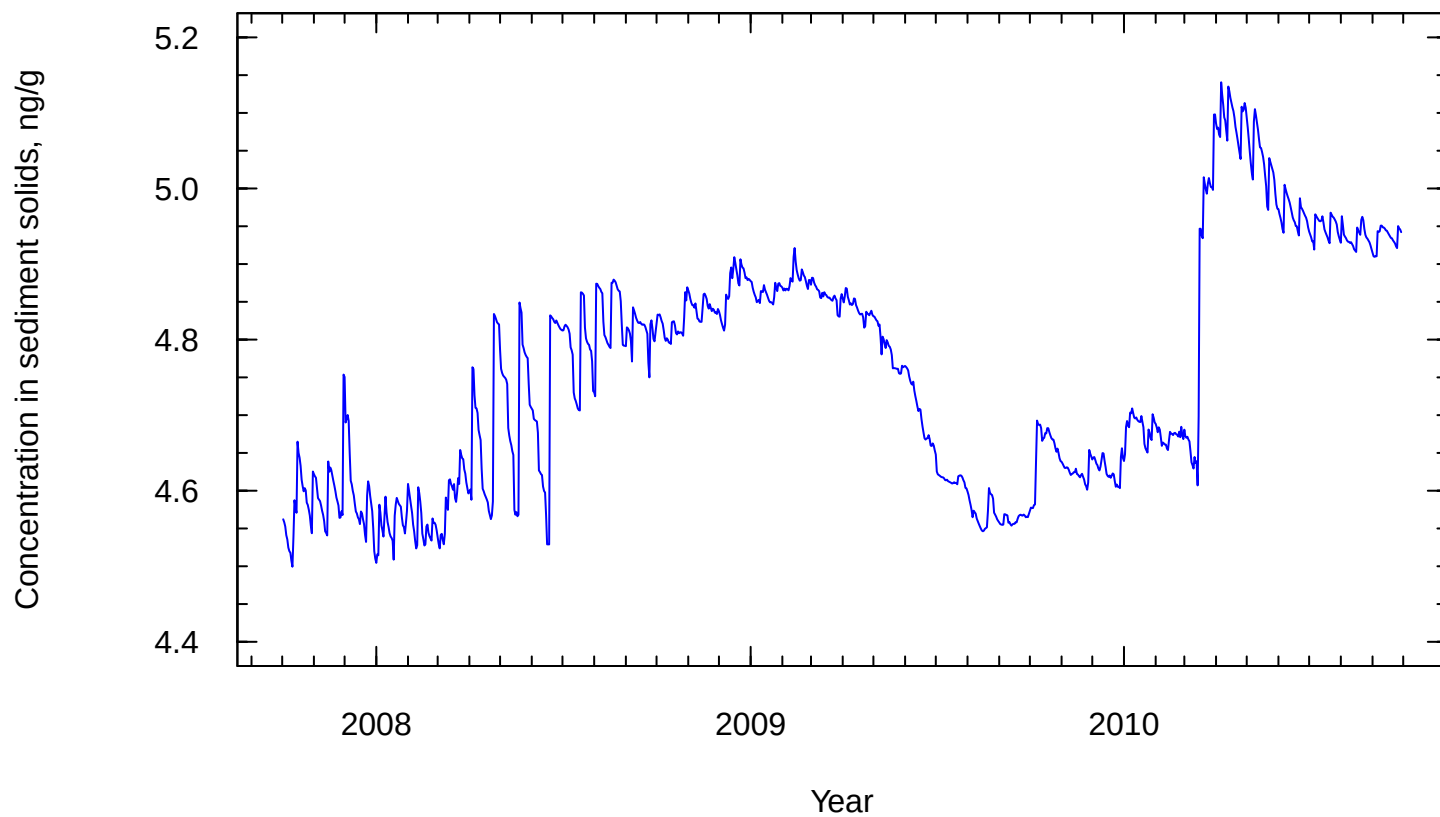
OCPART_DET in RM 14.7-Dam mudflat only



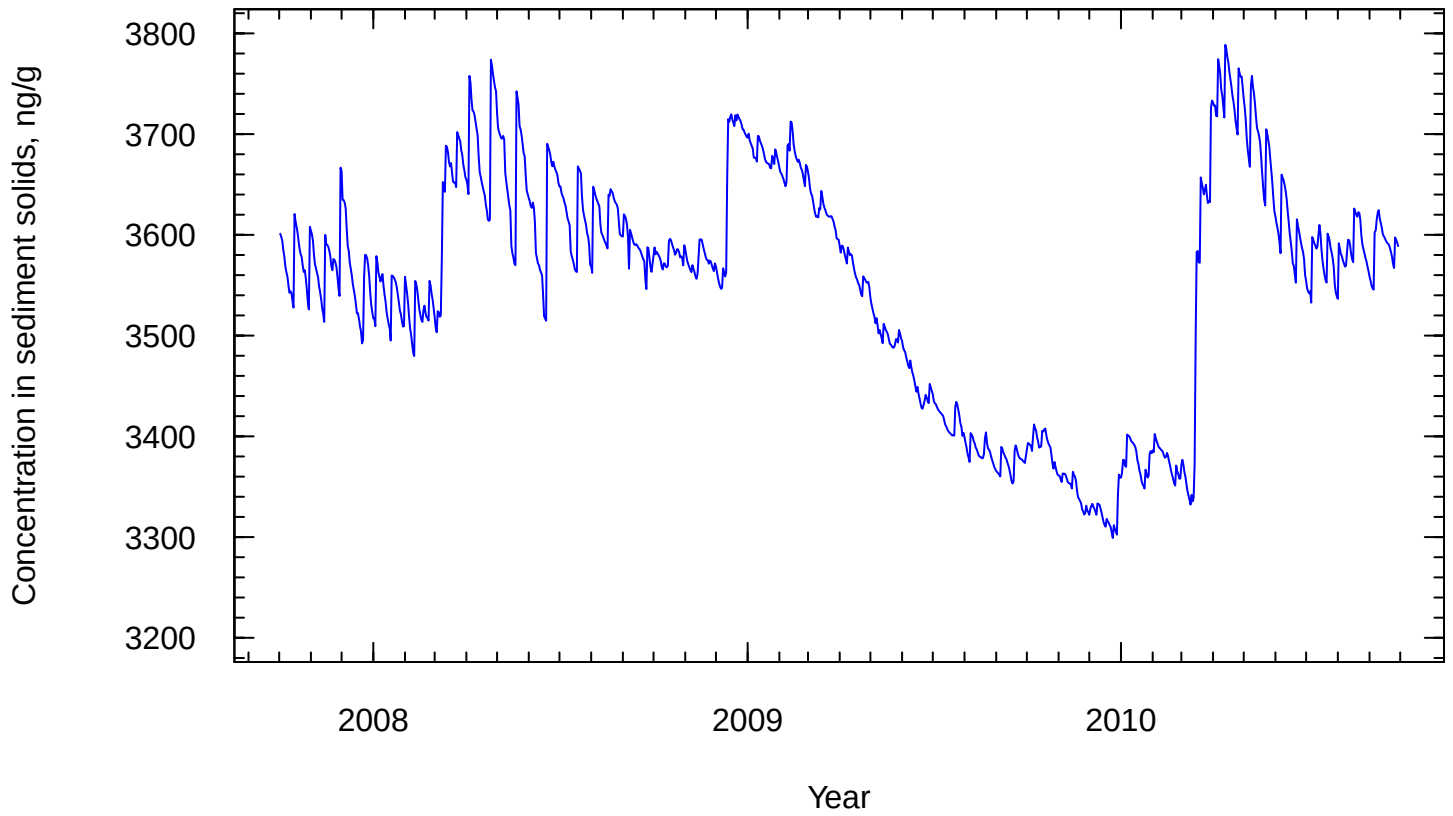
2378-TCDD, CST_OCNORM in RM 0-6 whole river



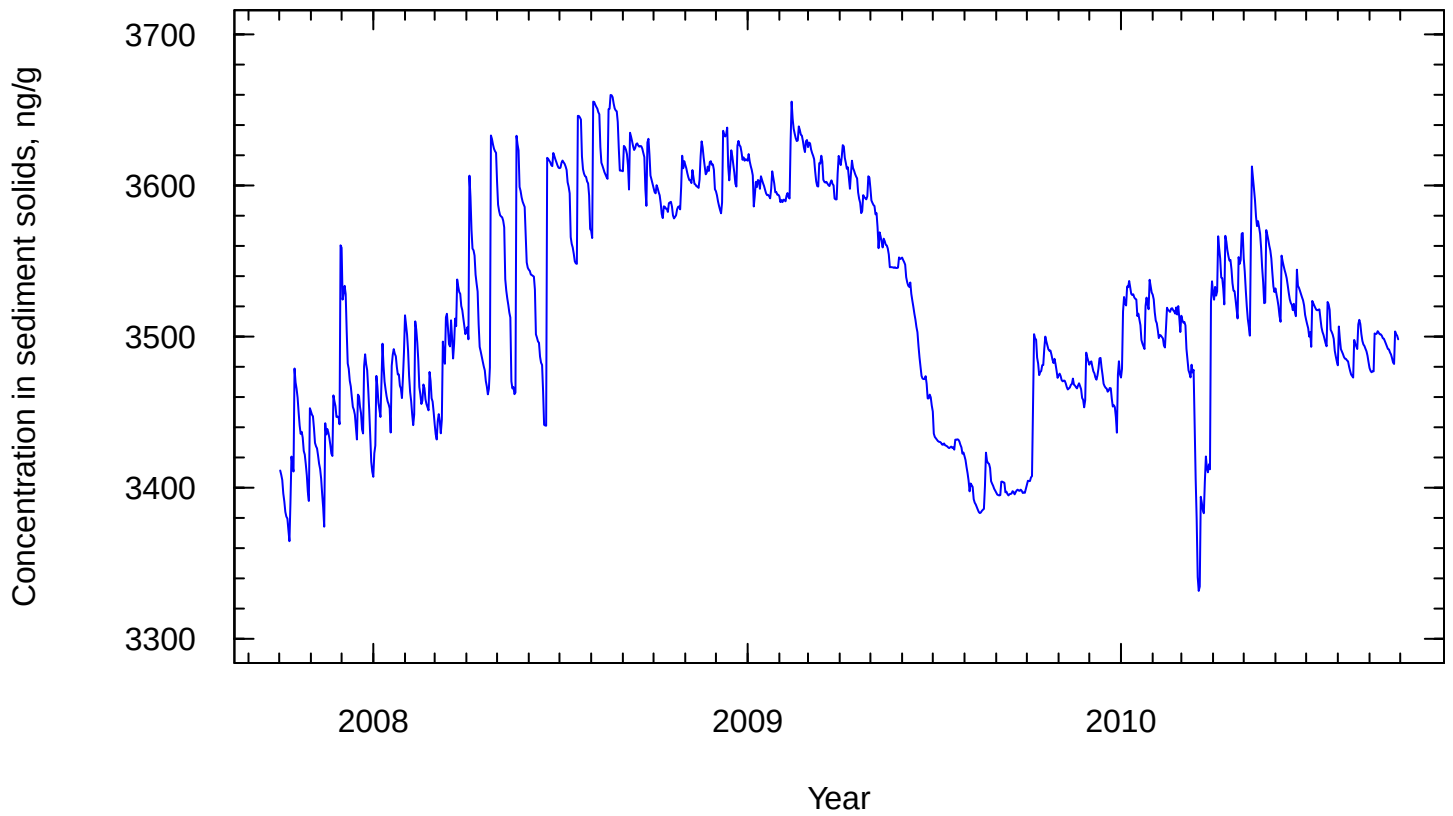
2378-TCDD, CST_OCNORM in RM 0-6 mudflat only



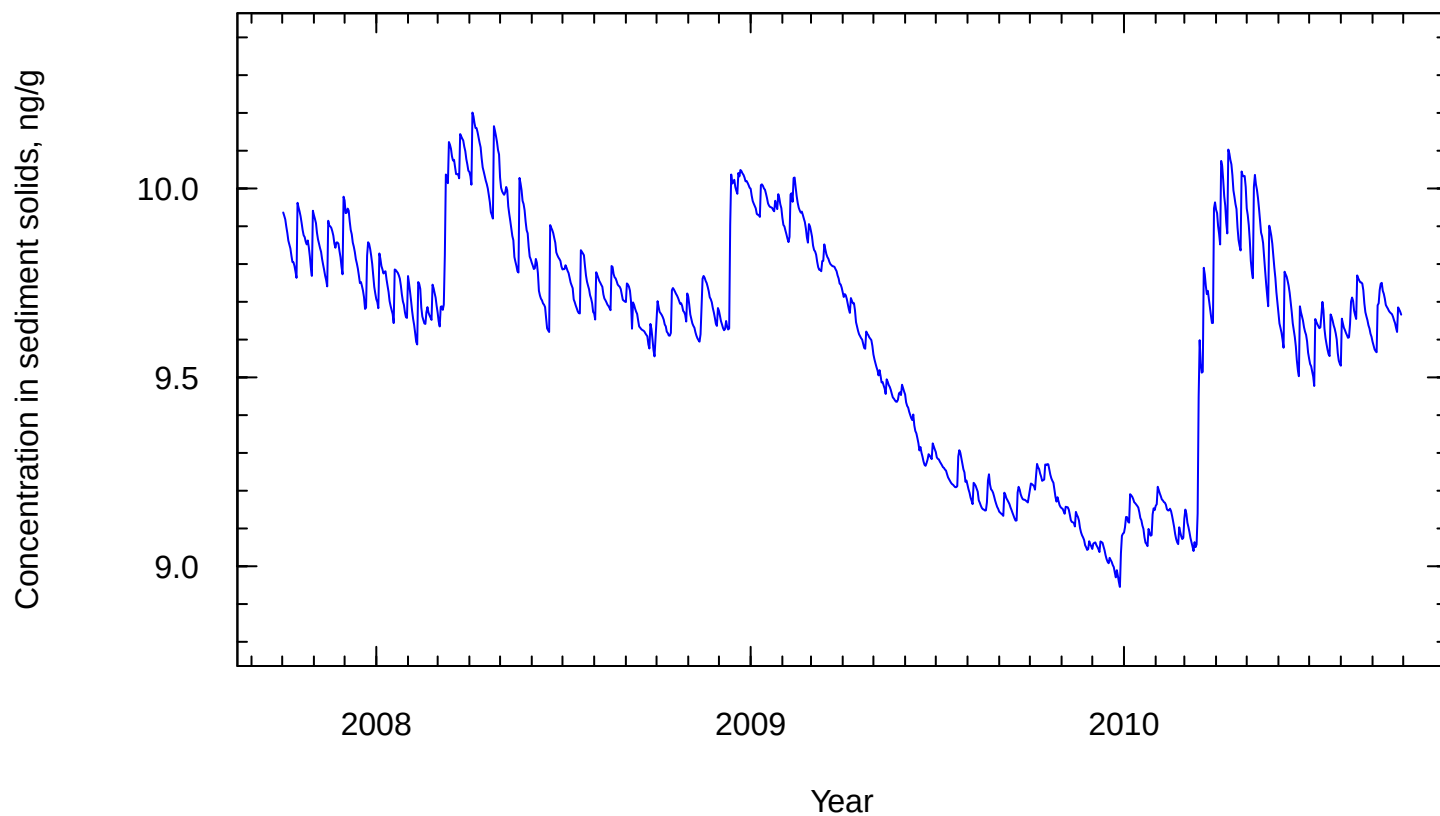
TetraCB, CST_OCNORM in RM 0–6 whole river



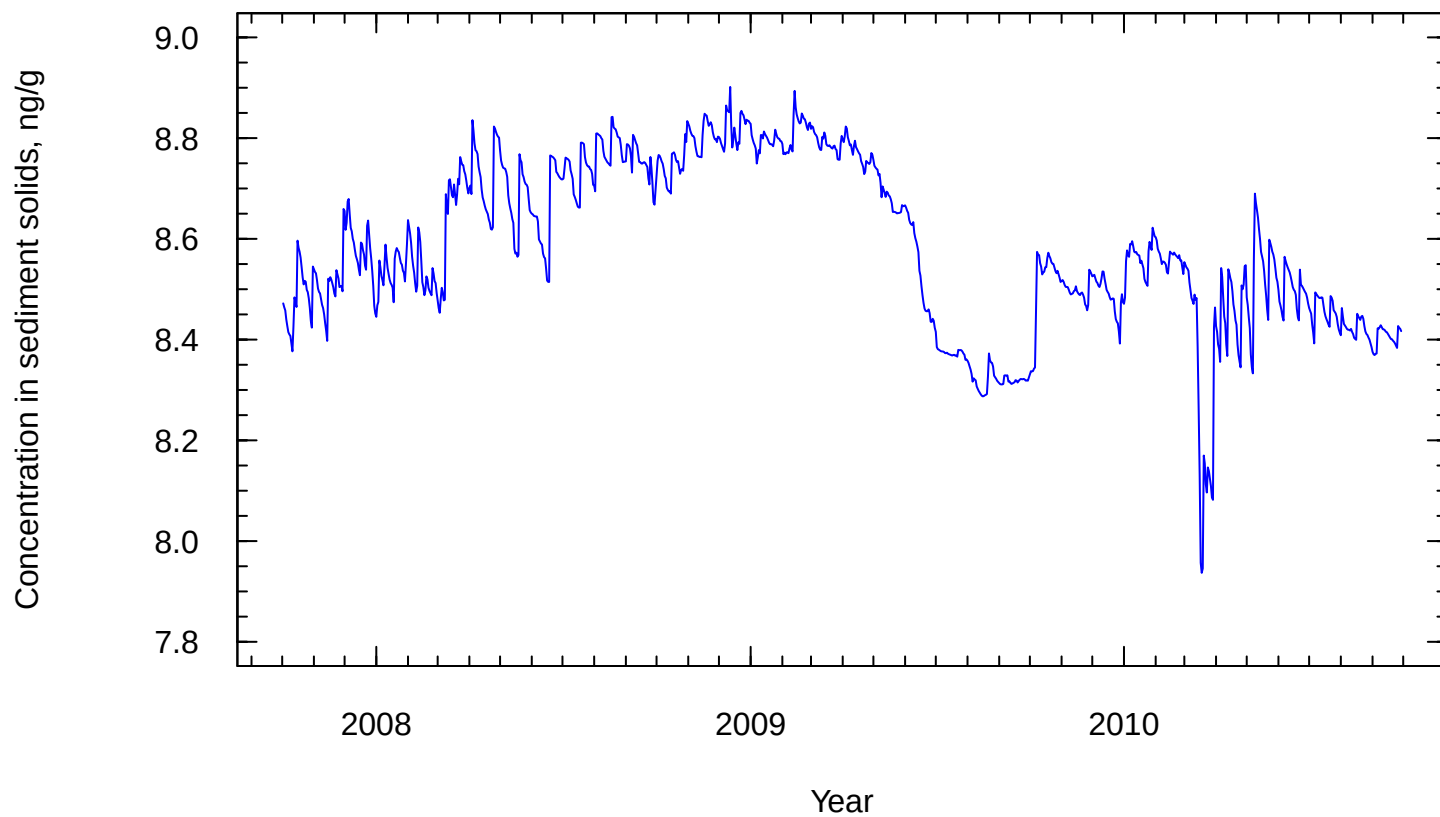
TetraCB, CST_OCNORM in RM 0–6 mudflat only



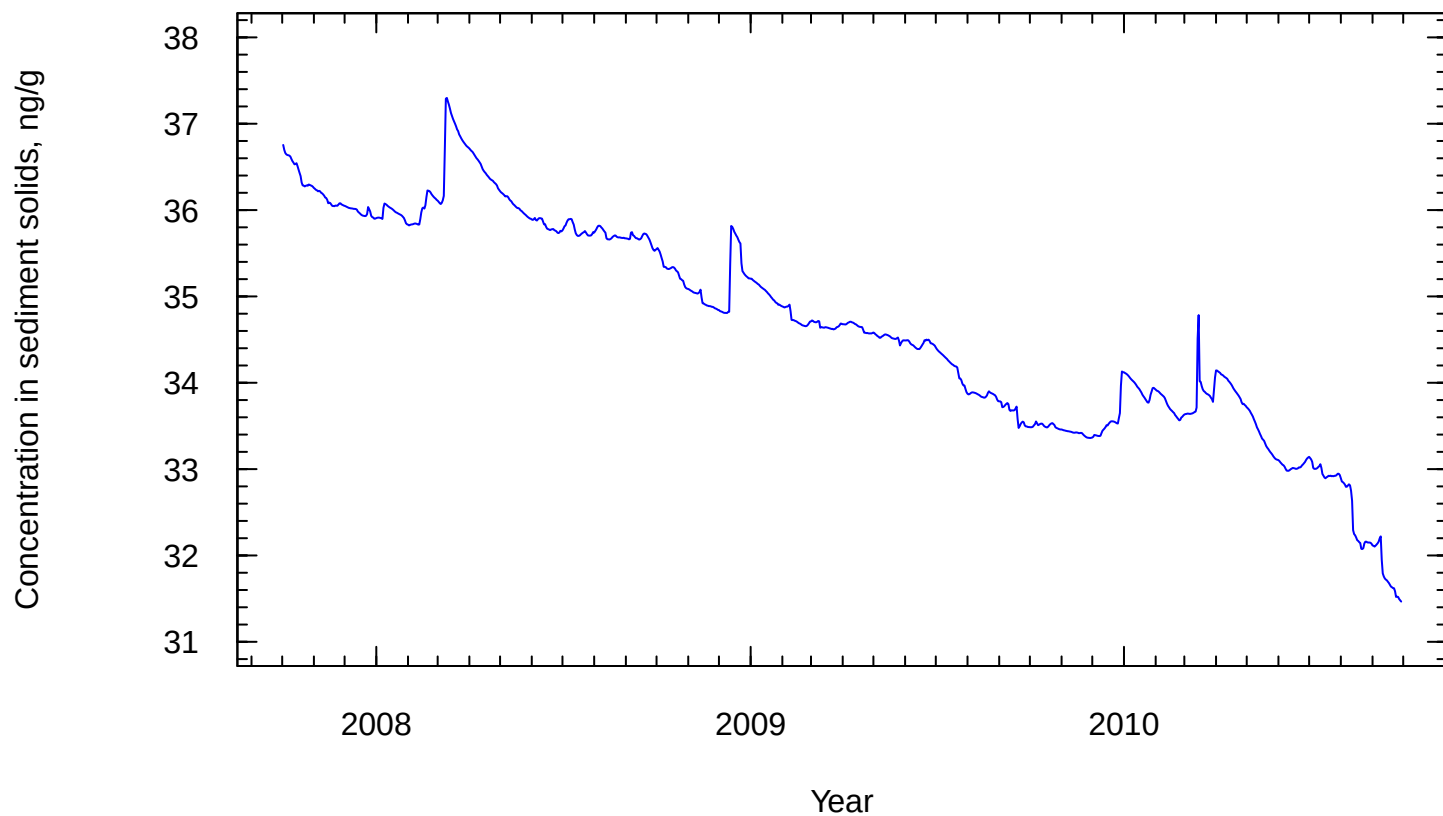
1234678-HpCDF, CST_OCNORM in RM 0-6 whole river



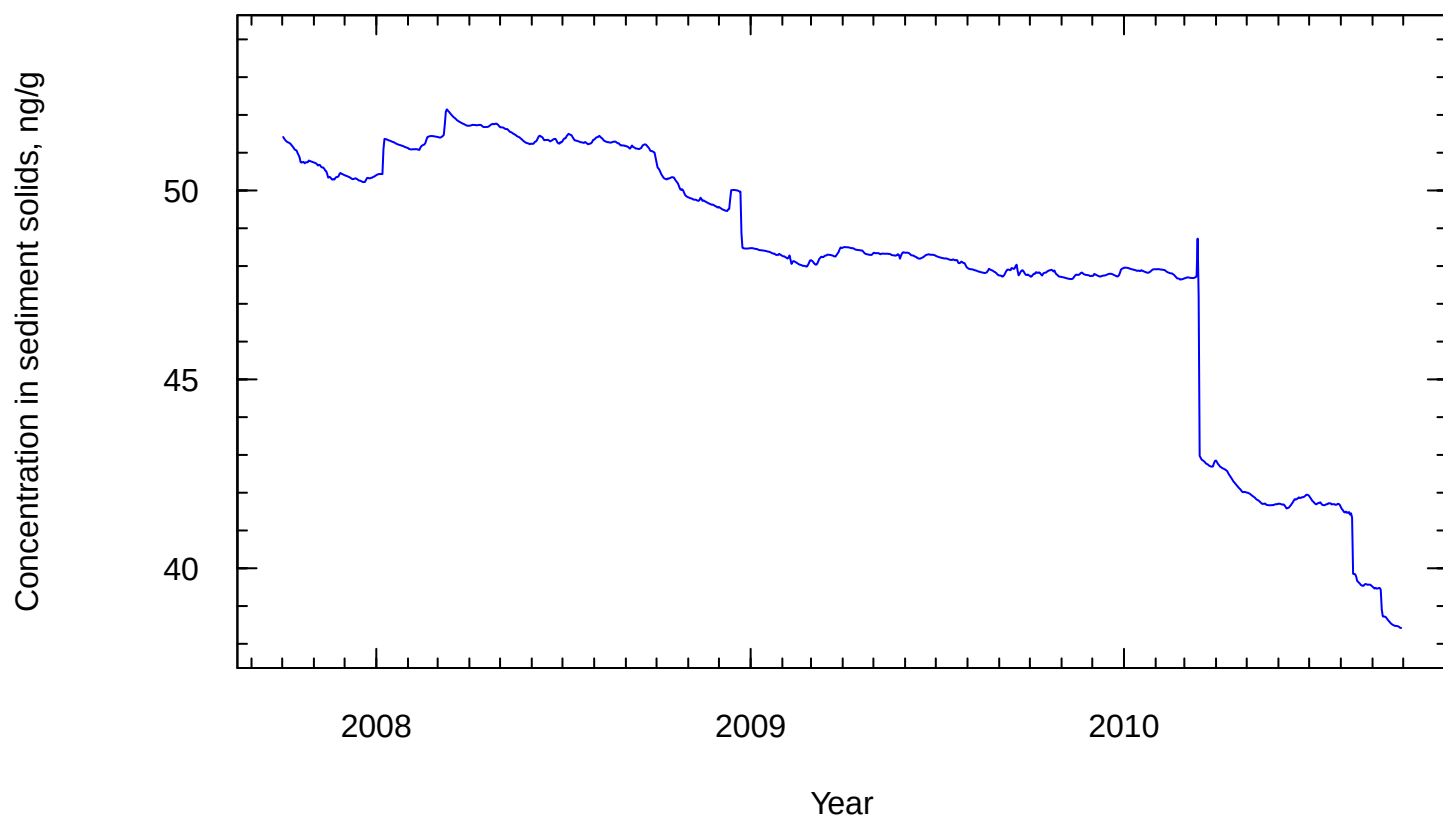
1234678-HpCDF, CST_OCNORM in RM 0-6 mudflat only



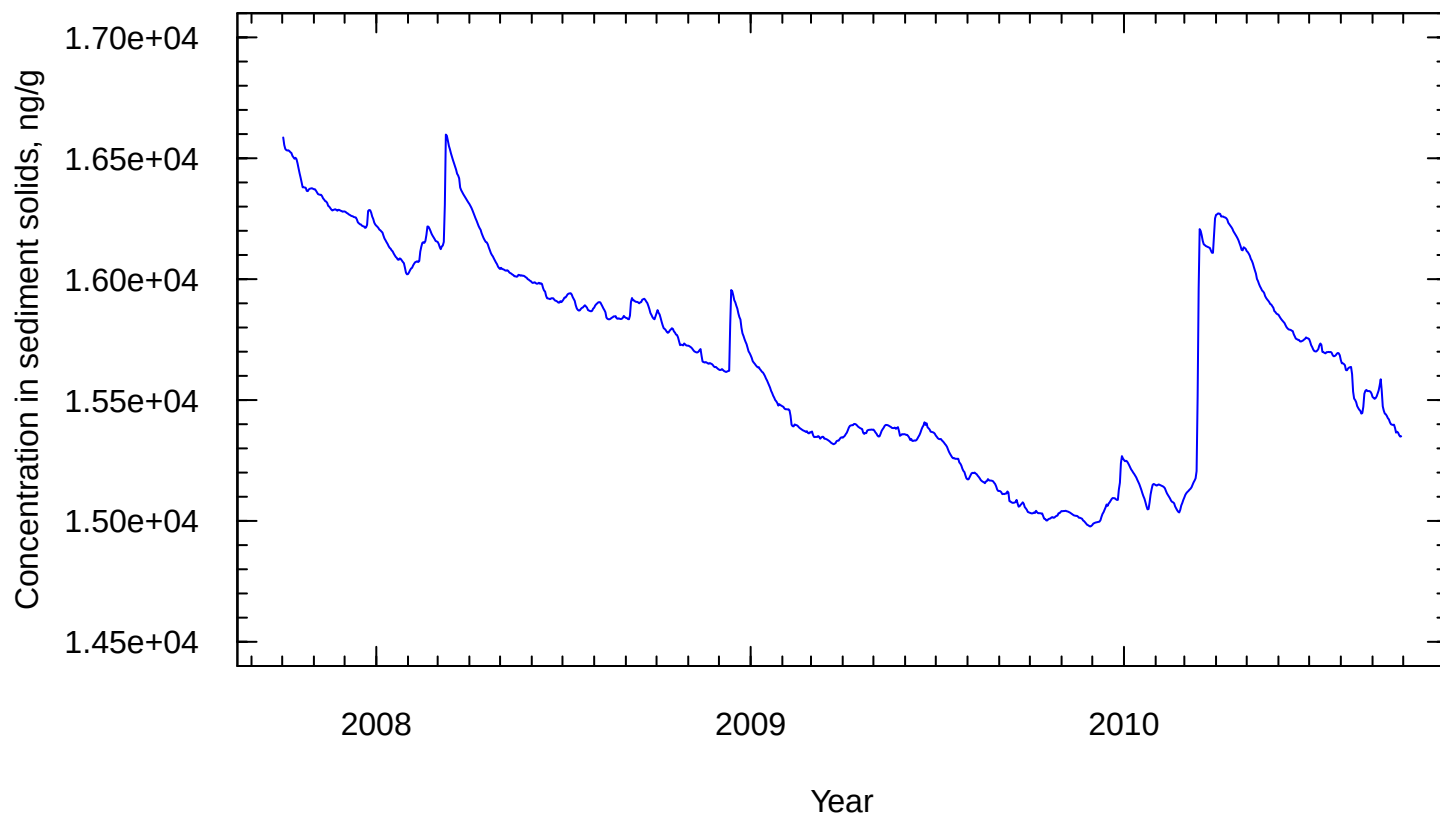
2378-TCDD, CST_OCNORM in RM 6-14.7 whole river



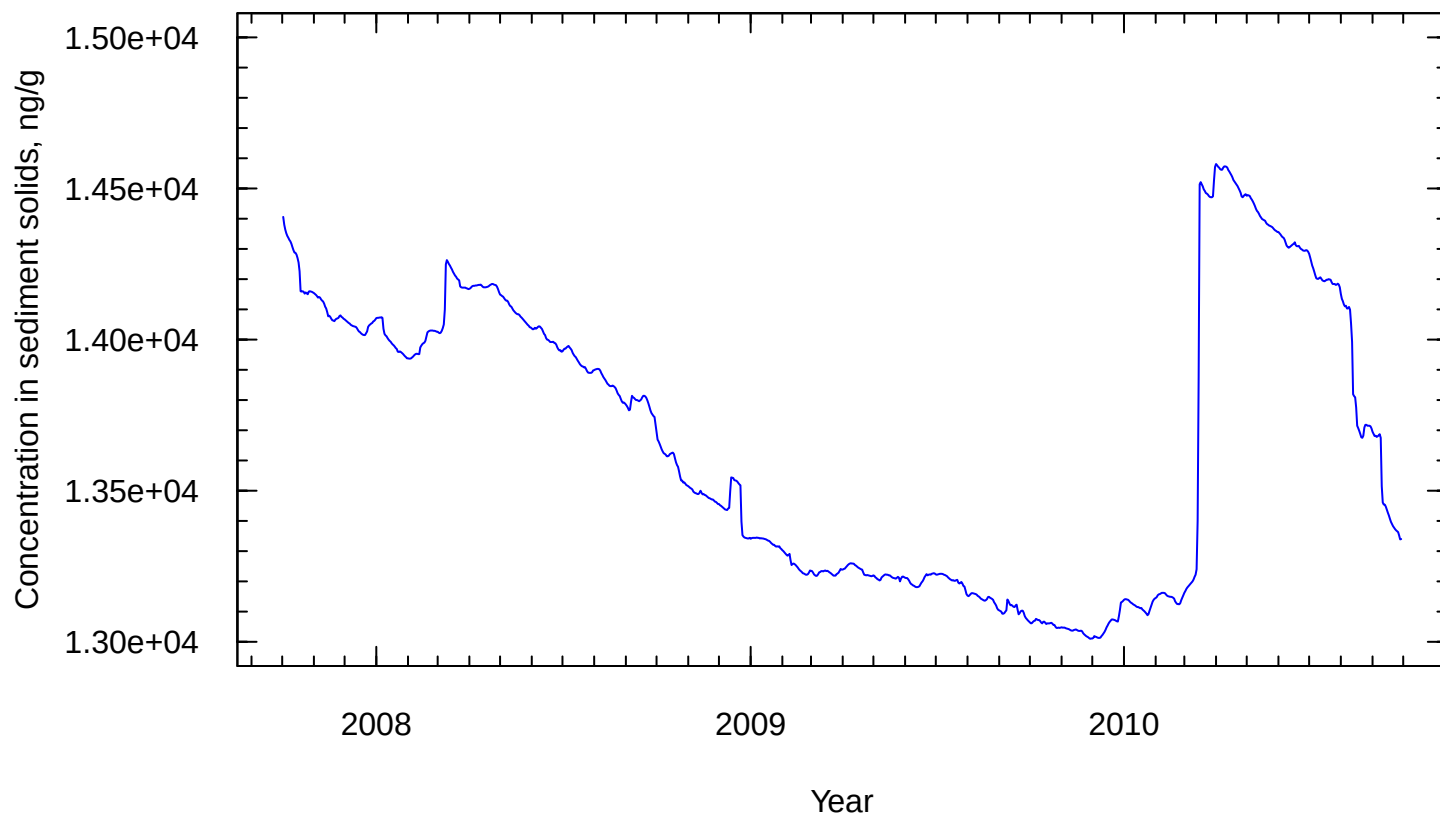
2378-TCDD, CST_OCNORM in RM 6-14.7 mudflat only



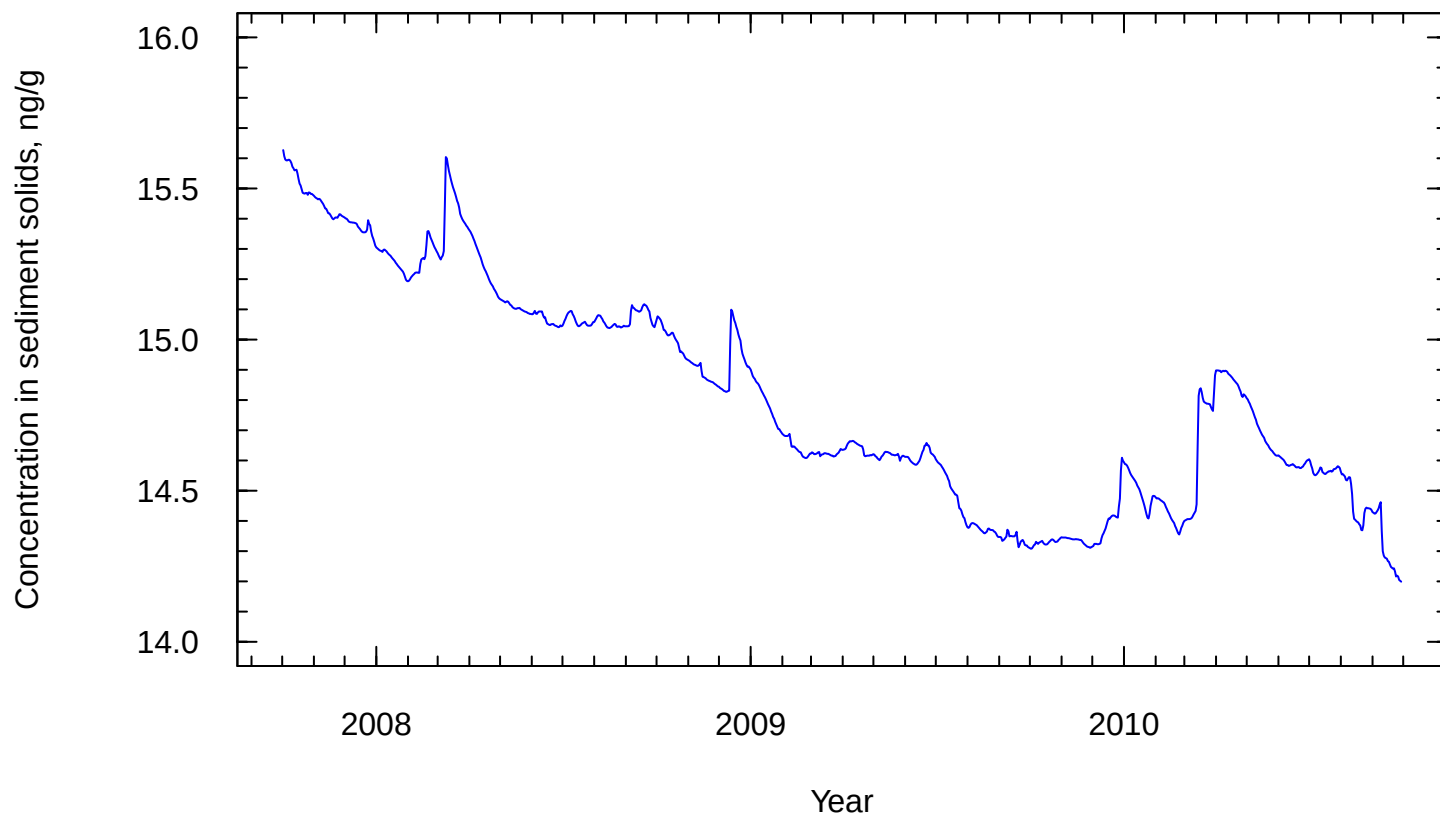
TetraCB, CST_OCNORM in RM 6–14.7 whole river



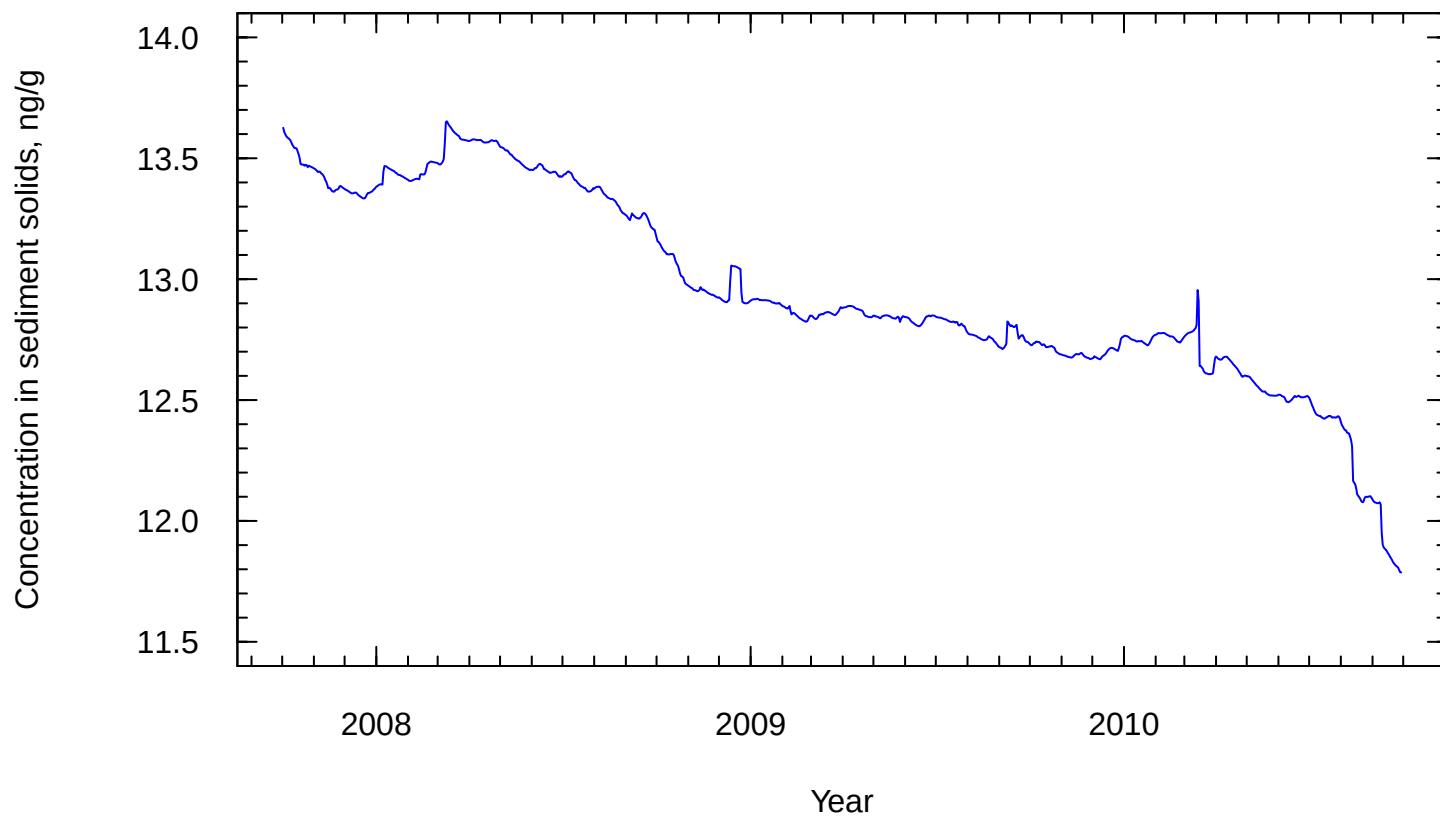
TetraCB, CST_OCNORM in RM 6–14.7 mudflat only



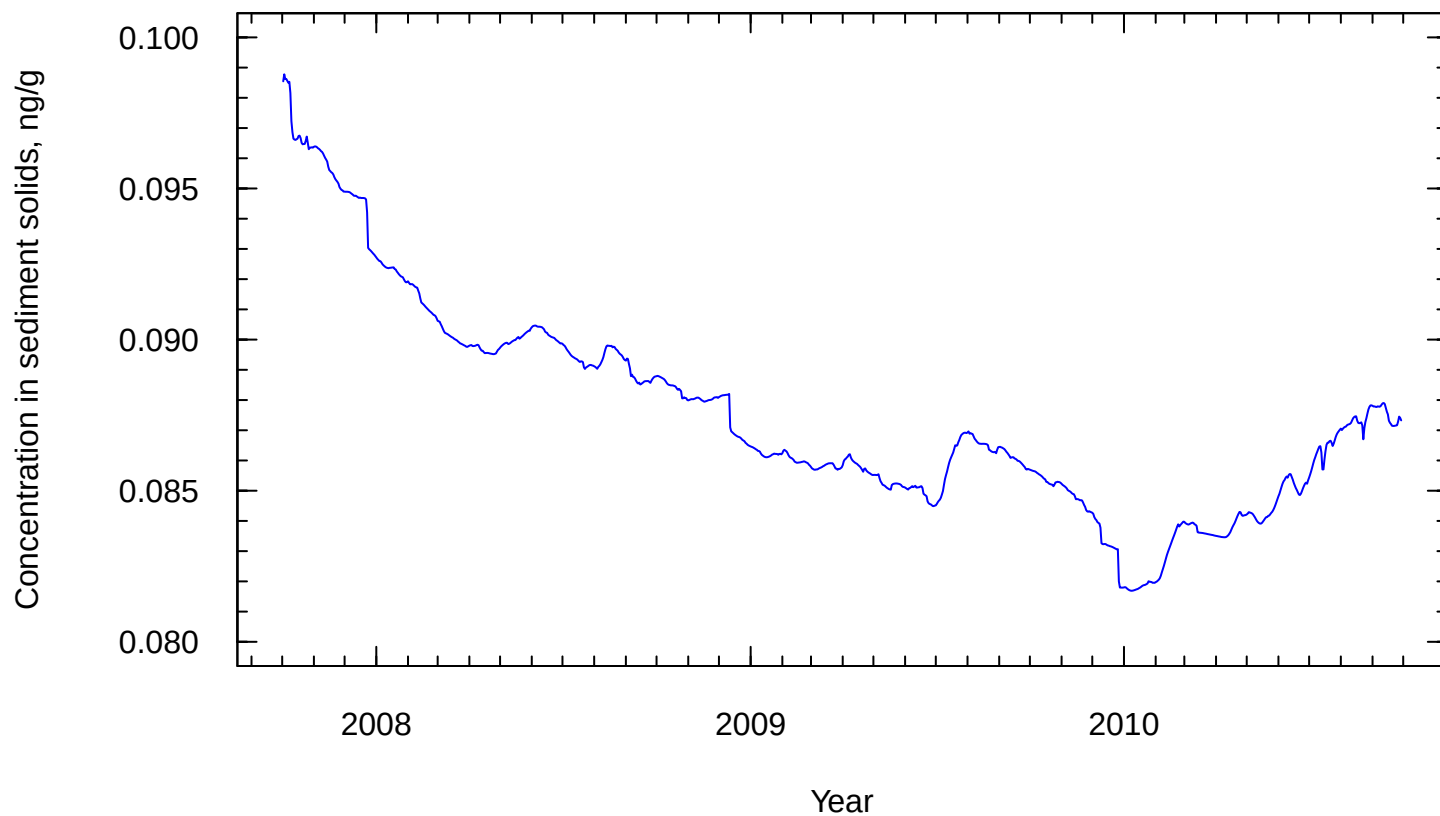
1234678-HpCDF, CST_OCNORM in RM 6–14.7 whole river



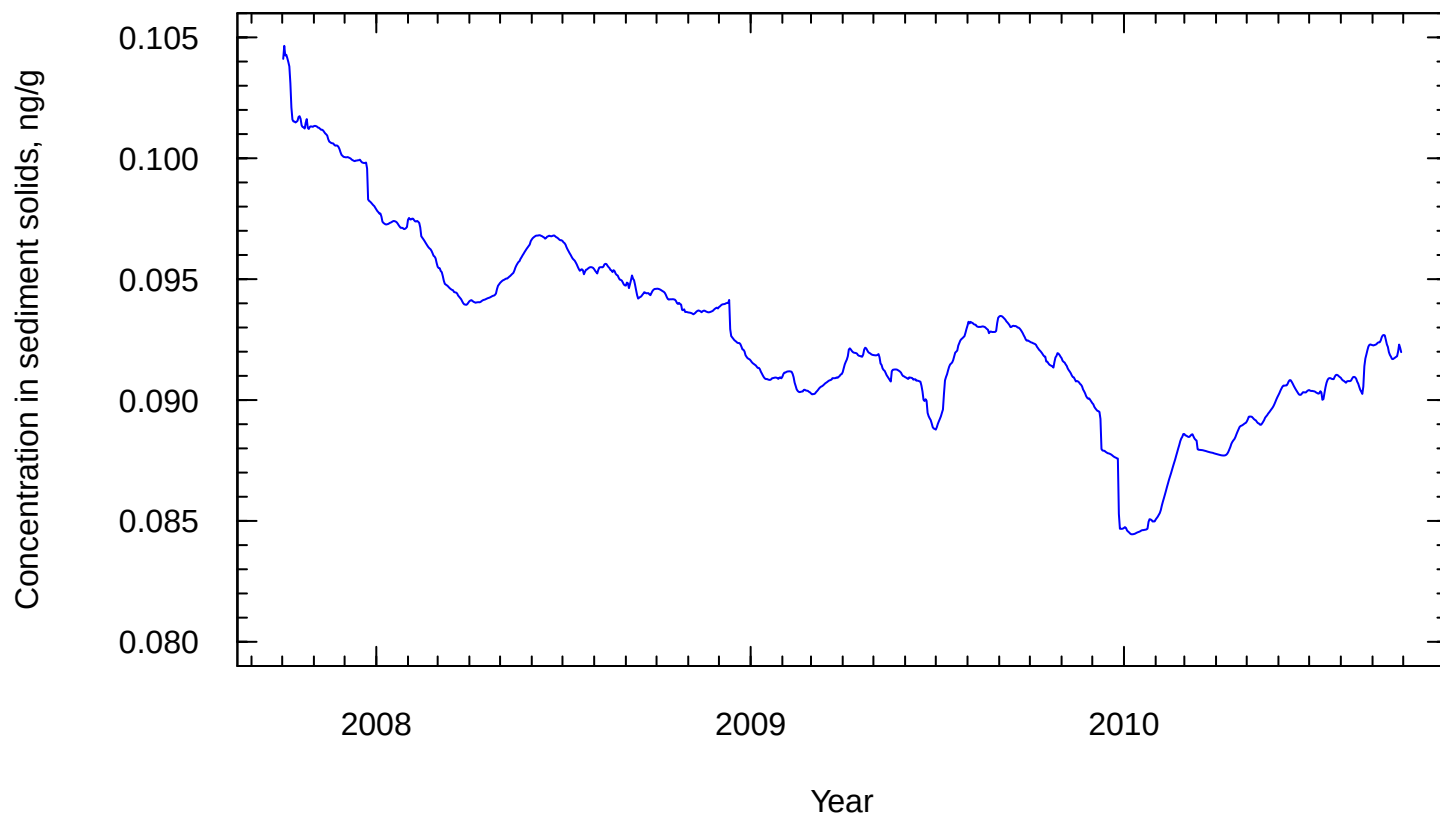
1234678-HpCDF, CST_OCNORM in RM 6–14.7 mudflat only



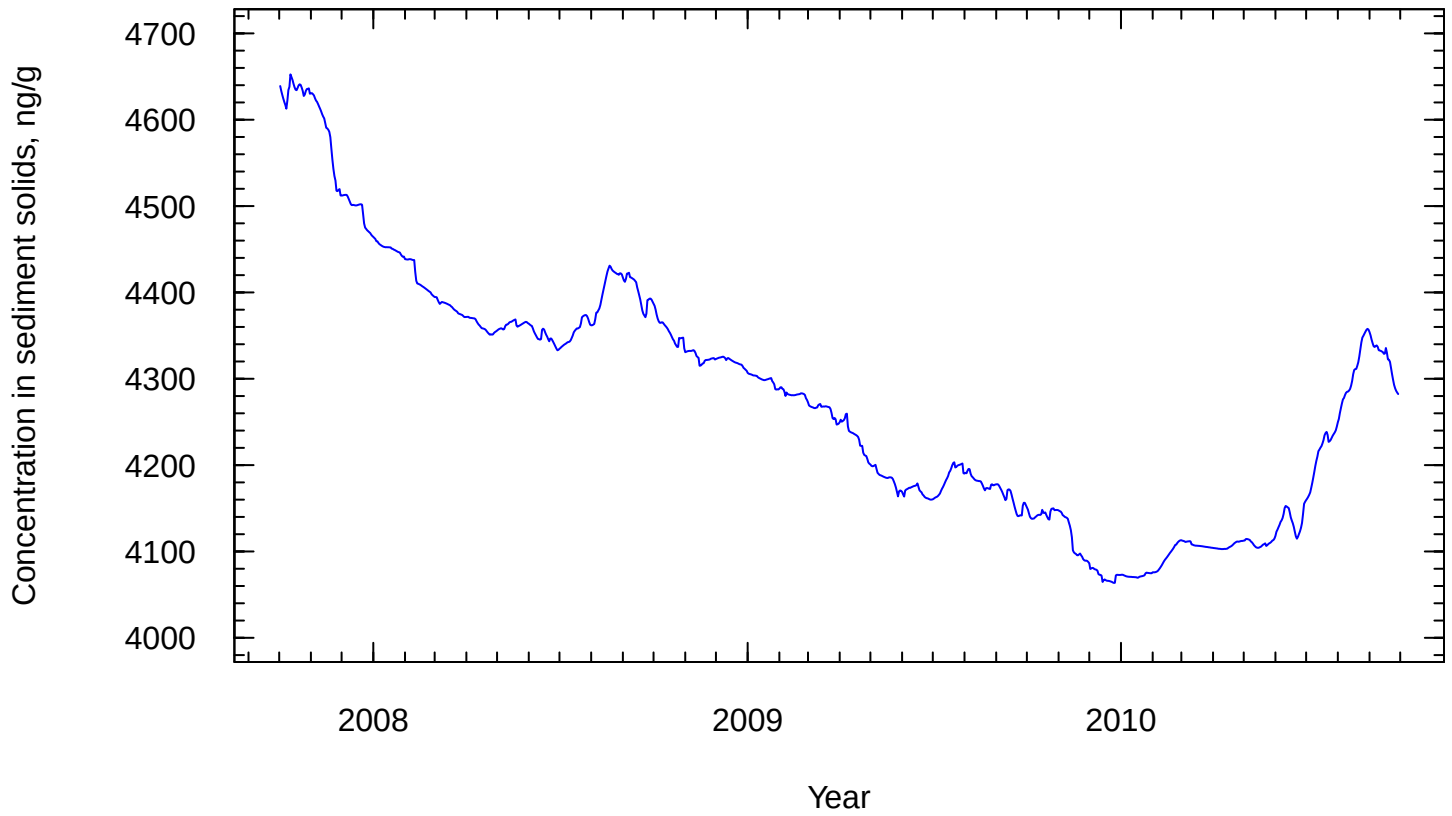
2378-TCDD, CST_OCNORM in RM 14.7-Dam whole river



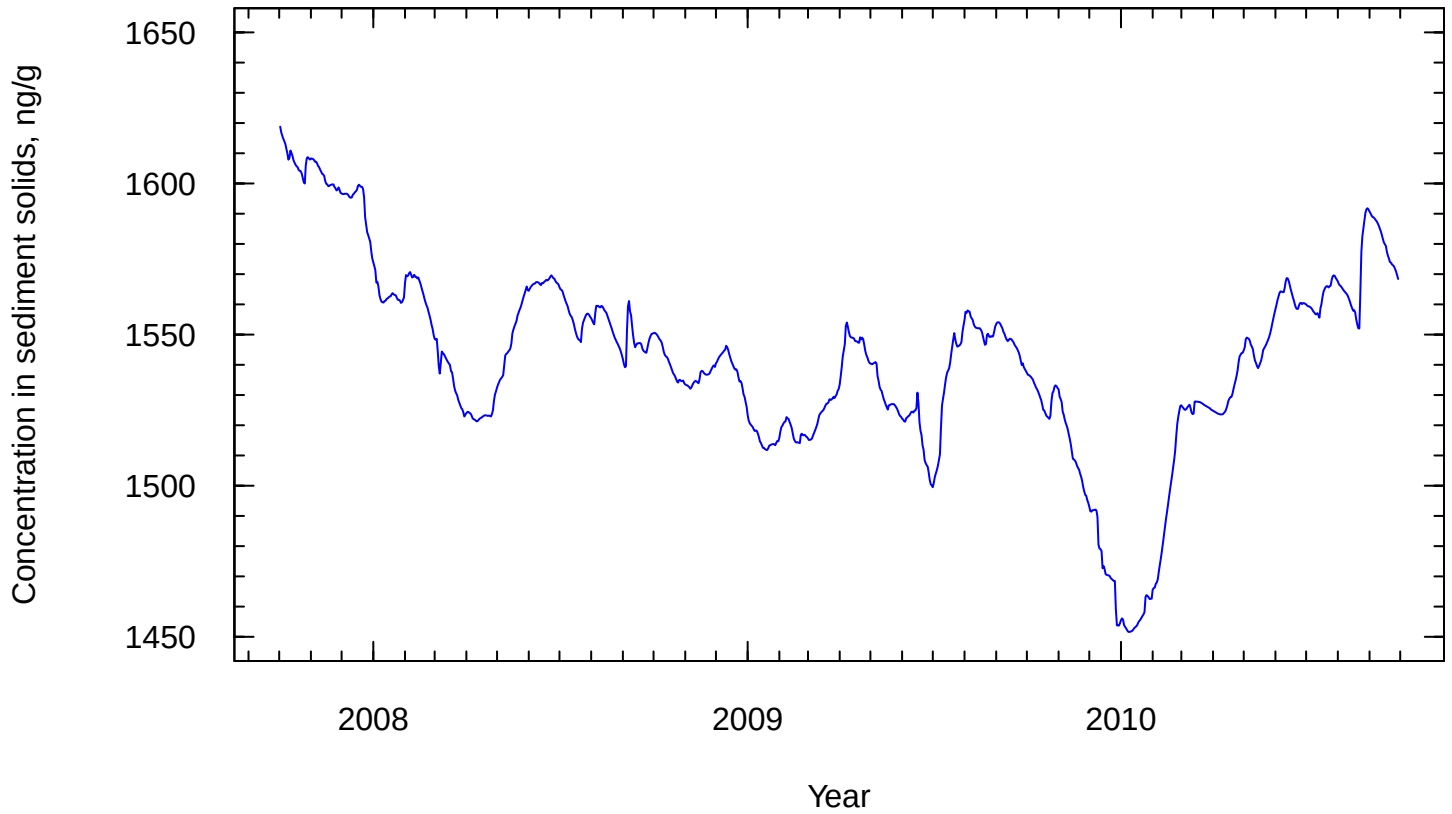
2378-TCDD, CST_OCNORM in RM 14.7-Dam mudflat only



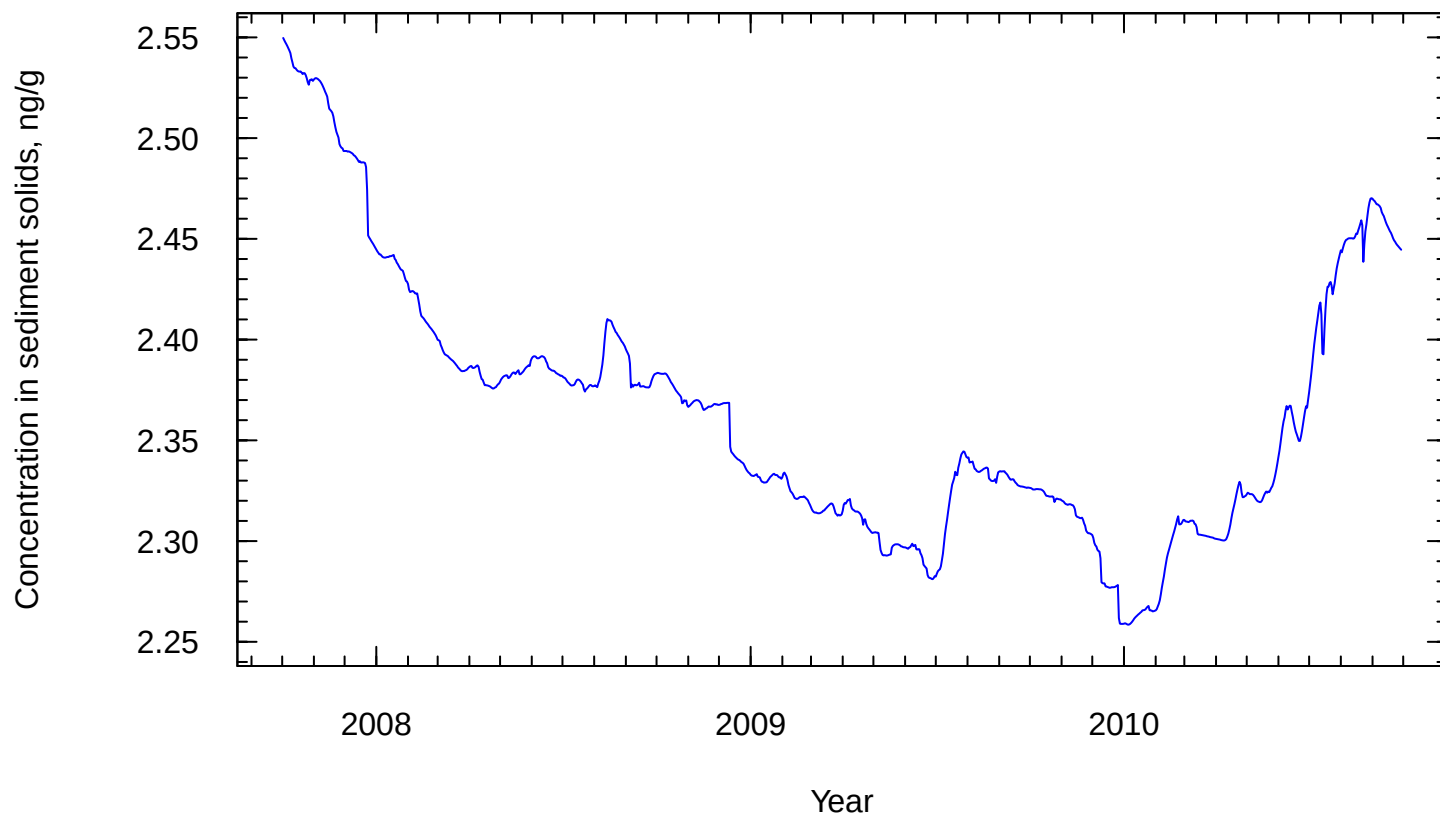
TetraCB, CST_OCNORM in RM 14.7–Dam whole river



TetraCB, CST_OCNORM in RM 14.7–Dam mudflat only



1234678-HpCDF, CST_OCNORM in RM 14.7-Dam whole river



1234678-HpCDF, CST_OCNORM in RM 14.7-Dam mudflat only

