Figure S1 - PCA loadings of the hydrochemical parameters on the PC1-PC3, and PCA scores of water samples classified according to hierarchical cluster analysis.
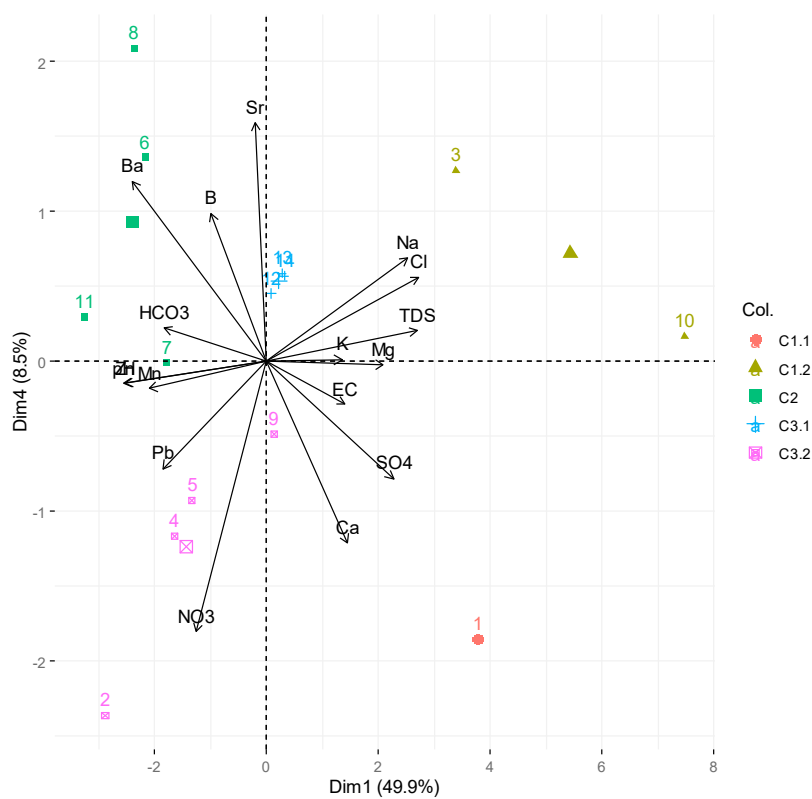

Figure S2 - PCA loadings of the hydrochemical parameters on the PC1-PC4, and PCA scores of water samples classified according to hierarchical cluster analysis.

Table S2 - Component loadings of four principal components, eigenvalue and variances.

	Dim.1	Dim.2	Dim.3	Dim.4
Cl	0.95	-0.03	0.16	0.20
TDS	0.94	0.03	0.22	0.07
Na	0.89	0.27	0.19	0.24
SO_4^{2-}	0.80	0.30	0.15	-0.27
Mg	0.73	-0.61	-0.01	-0.01
Ca	0.51	-0.67	-0.03	-0.42
EC	0.49	0.55	-0.49	-0.10
K	0.47	0.76	0.17	0.01
Sr	-0.07	-0.25	-0.77	0.56
B	-0.35	0.14	0.62	0.35
NO_3^-	-0.44	-0.18	-0.13	-0.63
HCO_3^-	-0.64	-0.49	0.39	0.08
Pb	-0.65	0.64	-0.07	-0.25
Mn	-0.73	0.48	-0.10	-0.06
Ba	-0.84	-0.03	-0.05	0.42
Zn	-0.89	0.15	0.15	-0.05
pH	-0.90	-0.22	0.16	-0.05
Eigenvalue	8.47	2.93	1.60	1.45
Variance %	49.9	17.3	9.4	8.5
Cumulative %	49.9	67.2	76.6	85.1