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2   **Supplementary Figure 1.** Mean concentration of different pharmaceutically active compounds (PhACs) reported in fresh surface waters and the
3   mean concentration of caffeine, reported in different sites from Latin America. Regression model: $\log([\text{mean PhAC}]_{\text{site}}) = 0.5392 + 0.6739 *$
4   $\log(\text{mean } [\text{caffeine}]_{\text{site}})$, $(F = 70.29, P = 1.792e^{-13})$.

Supplementary Table 1. Keywords to search for pharmaceutically active compounds that occur in fresh surface water, bioaccumulate in biota, and cause lethal and sublethal effects on non-target aquatic biota

Water	Biota	Effects
Pharmaceuticals + freshwater + Latin America*	Pharmaceuticals + bioaccumulation + Latin America*	Endpoints: LC50/EC50/IC50//NOEC/LOEC
Pharmaceuticals + rivers + Latin America	Pharmaceuticals + algae + biofilm + crustaceans + amphibians + fish	Effects: Mortality group, Biochemical group, Growth group
Pharmaceuticals + streams + Latin America		
Pharmaceuticals + lagoons + Latin America		
Emerging contaminants + Latin America		
Antibiotics + Latin America		

*Independent searches were performed for each of the 33 countries in the region, e.g., Pharmaceuticals + freshwater + Brazil, bioaccumulation + Brazil.