The interaction between natural organic matter in raw waters and pesticide residues: a three dimensional excitation–emission matrix (3DEEM) fluorescence investigation

Supplementary Figure 1 | 3DEEM spectra of selected pesticides in MilliQ water: (a) triazine pesticide (atrazine and simazine) (Ex-310 nm; Em-340 nm); (b) triazinone pesticide (hexazinone) (Ex-290 nm; Em-340 nm); and (c) organophosphate (monocrotophos and dicrotophos) (Ex-320 nm; Em-340 nm, and Ex-205 nm; Em-360 nm). All solutions were 1 mg L⁻¹ in MilliQ water.
Supplementary Figure 2
3DEEM spectra of natural waters: (1) groundwater sample, DOM 3.1 mg L$^{-1}$; (2) creek water sample, DOM 4.5 mg L$^{-1}$; (3) river water sample, DOM 6.5 mg L$^{-1}$; (4) drinking water catchment sample, DOM 11.7 mg L$^{-1}$; (5) drinking water catchment, DOM 10.7 mg L$^{-1}$; (6) drinking water catchment sample, DOM 11.1 mg L$^{-1}$. All sample numbers displayed correspond to sample ID numbers in Table 2. Stars indicate identified fluorophores.