Environmental Science & Technology

Addition/Correction

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Correction to Significance of Xenobiotic Metabolism for Bioaccumulation Kinetics of Organic Chemicals in *Gammarus pulex*

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Environ. Sci. Technol. **2012**, *46* (6), 3498−3508. DOI: 10.1021/es204611h.

Supporting Information

The authors regret that in our article[1] the data for 2,4-dichlorophenol (CAS 120-83-2) need to be corrected. In Table 1 the corrected BAF of 2,4-dichlorophenol is 38 $L/kg_{wet\ weight}$, the corrected MEF_{M1} (2,4-dichlorophenol-sulfate) is 1935 $L/kg_{wet\ weight}$, and the corrected MEF_{M2} is 129 $L/kg_{wet\ weight}$. In Table 2 the corrected model parameters (with 95% confidence intervals) for 2,4-dichlorophenol are 6815 (0; 62871) $L \times kg^{-1} \times d^{-1}$ for k_{in_parent}, 156 (0; 1594) d^{-1} for k_{out_parent}, 21.27 (0; 48.6) d^{-1} for k_{met1}, 0.415 (0.34; 0.49) d^{-1} for k_{loss_met1}, 3.627 (0; 9.8) d^{-1} for k_{met2}, and 1.063 (0; 2.69) for k_{loss_met2}.

The Supporting Information is also updated with the corrected raw data for the biotransformation modeling and Figure 1 shows the corrected time course of bioaccumulation, biotransformation, and elimination kinetics for 2,4-dichlorophenol and its metabolites (top part of Figure 3 in original article).

The corrected values do not change any conclusion in our article because the relation of BAF to MEFs for 2,4-dichlorophenol did not change and the compound had been excluded from the comparison with the study based on total ^{14}C measurements. Note however, that the corrected BAF and MEF values for 2,4-dichlorophenol are higher than those originally published.

■ ASSOCIATED CONTENT

Supporting Information

Updated with the corrected raw data for the biotransformation modeling. This material is available free of charge via the Internet at http://pubs.acs.org.

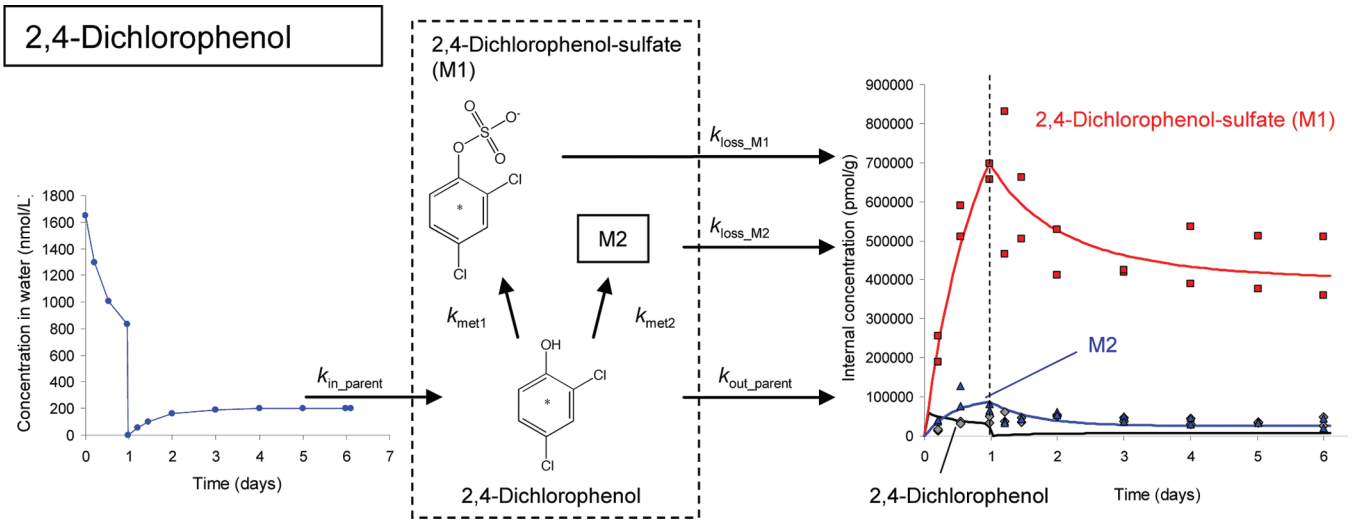

Figure 1. Molecular structures, label positions, exposure concentration (left), bioaccumulation, biotransformation, and elimination kinetics (right, transfer to fresh media indicated by dashed line), and model structure (middle) for 2,4-dichlorophenol.

■ REFERENCES

(1) Ashauer, R.; Hintermeister, A.; O'Connor, I.; Elumelu, M.; Hollender, J.; Escher, B. I. Significance of Xenobiotic Metabolism for Bioaccumulation Kinetics of Organic Chemicals in *Gammarus pulex*. *Environ. Sci. Technol.* **2012**, *46* (6), 3498−3508.

Published: March 29, 2012