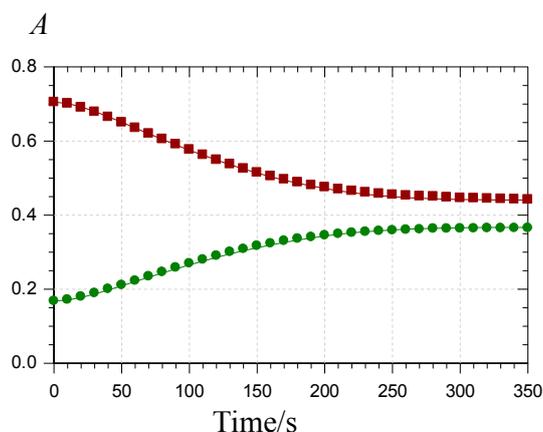
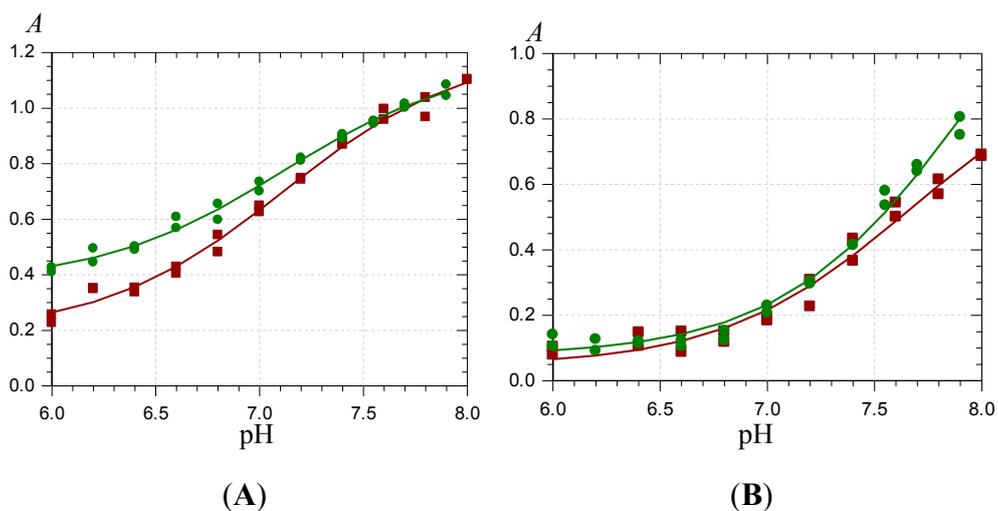


## Supplementary Materials

**Figure S1.** Time dependence of the A(470 nm) (■) and A(650 nm) (●) after addition of Fe<sup>II</sup> (5 equiv.) to a P2 solution (pH 4 acetate buffer, 25 °C, pigment concentration = 50 μM).



**Figure S2.** Spectroscopic titration of P1 in the absence (■, 550 nm) or presence (●, 580 nm, 5 equiv.) of HSA. (A) spectra recorded immediately after P1 addition, (B) spectra recorded after equilibration over *ca.* 24 h.



**Figure S3.** Distribution diagram of P1 species at equilibrium around neutrality (in the presence or absence of HSA): neutral quinonoid bases (—), anionic quinonoid base (—), chalcone (—).

