Supporting information for the manuscript

The photochemical ring opening reaction of chromene as seen by transient absorption and fluorescence spectroscopy

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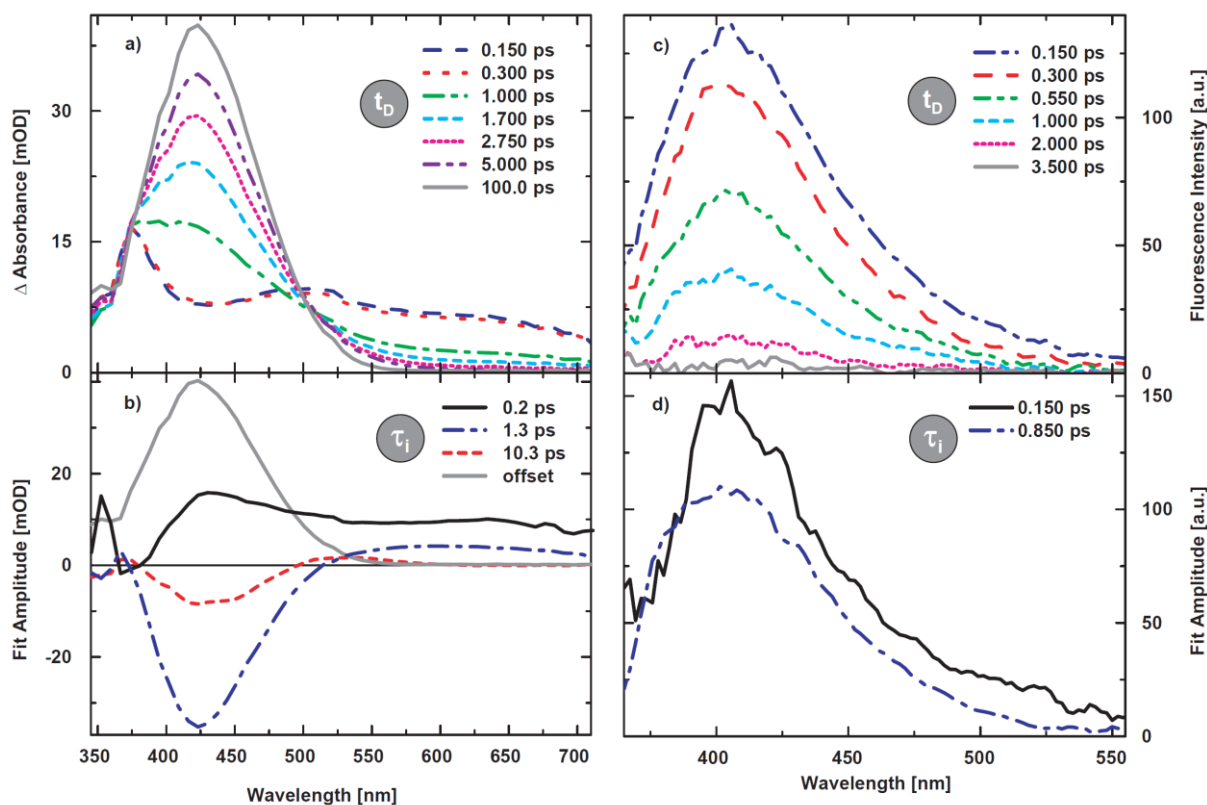
Additional data

Figure S1. (a) Time evolution of the absorption spectra following 325 nm excitation of DPBC closed form in hexane. (b) DAS of the TA experiments resulting from a multi-exponential fit analysis with associated time constants τ_i. (c) Time evolution of the emission spectra following 320 nm excitation of DPBC closed form in hexane. (d) DAS of the TFl experiments resulting from a multi-exponential fit analysis with associated time constants τ_i.
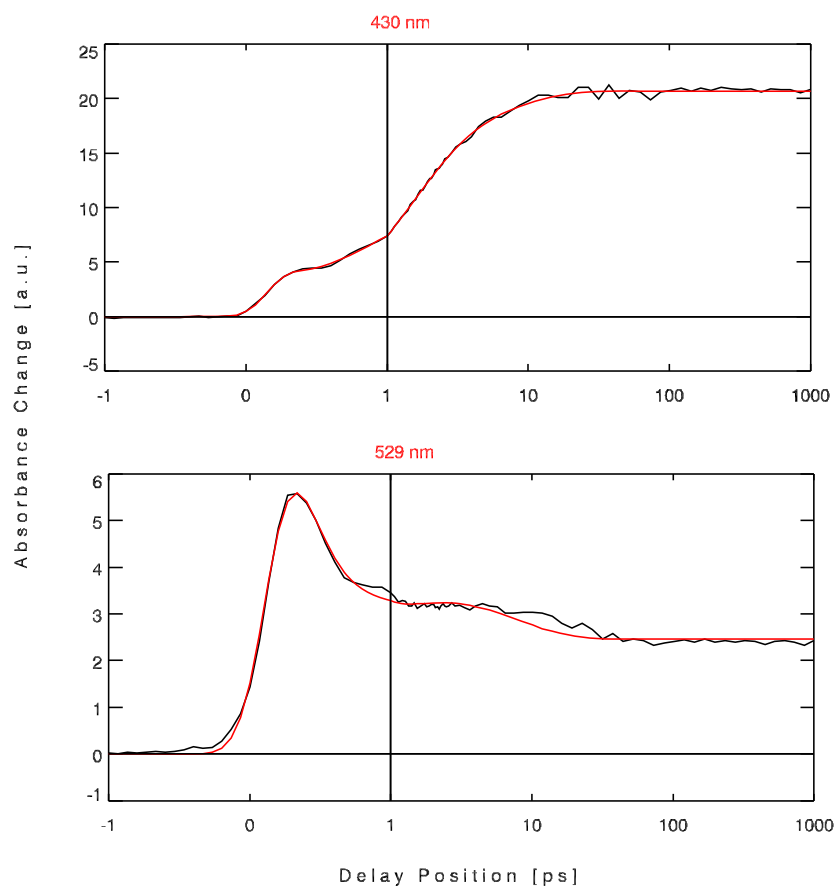
Figure S2. (a) Time evolution of the absorption spectra following 325 nm excitation of DPBC closed form in hexane. Absorbance changes over time are shown as experimental data and mutlti-exponential fits at different wavelength.
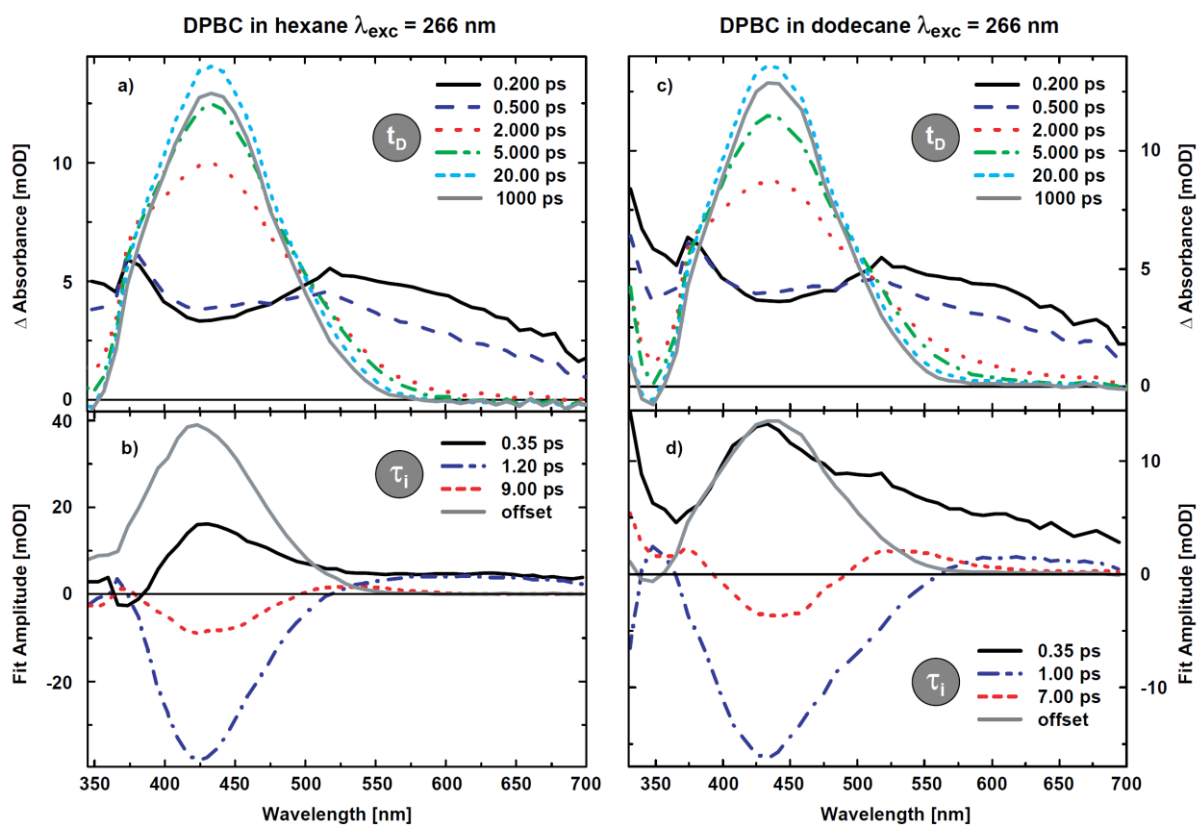
Figure S3. (a) Time evolution of the absorption spectra following 266 nm excitation of DPBC closed form in hexane. (b) DAS of the TA experiments resulting from a multi-exponential fit analysis with associated time constants τ_i. (c) Time evolution of the emission spectra following 266 nm excitation of DPBC closed form in dodecane. (d) DAS of the TA experiments resulting from a multi-exponential fit analysis with associated time constants τ_i.