Supporting Information for
Ultrafast Dynamics of Soret-Band Excited
Novel Corroles

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Figure S1 Calculated absorption spectra of neutral (left) and charged (right) states for three Corroles by TDDFT method.

Figure S2 (left panel) fs-TA spectra of P-TTC showing the spectral evolution from 0.3ps to 10 ps; (right panel) the zoom of the PB (region 1) and PA (region 2).

Figure S3 (left panel) fs-TA spectra of Ge-TTC showing the spectral evolution from 0.3ps to 10 ps; (right panel) the zoom of the PB (region 1) and PA (region 2).

Figure S4 (left panel) Basis spectra of TTC obtained from the global fitting procedure (the dotted rectangle represents the spectral region where S_1^* differs from S_1); (right panel) the decay dynamics of the different species with rate constants.

Figure S5 (left panel) Basis spectra of P-TTC obtained from the global fitting procedure (the dotted rectangle represents the spectral region where S_1^* differs from S_1); (right panel) the decay dynamics of the different species with rate constants.

Figure S6 fs-TA spectra of TTC and P-TTC at pump-probe delay of 500 fs and 1 ns demonstrating an excellent agreement of the global analysis fit (solid curves) to the experiment (scattered points).