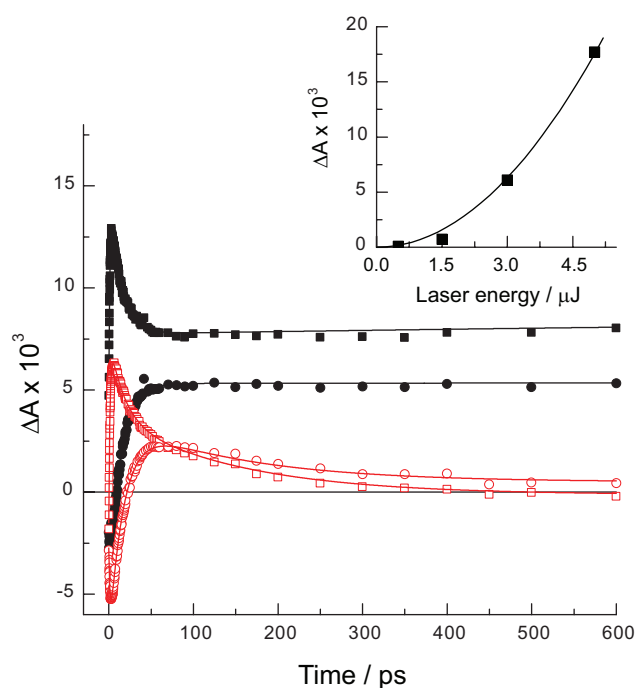


Electronic Supplementary Information

Photoinduced tautomeric transformations of xanthurenic acid by

V.V. Yanshole, P.S. Sherin, N.P. Gritsan, O.A. Snytnikova, V.I. Mamatyuk, J. Grilj, E. Vauthey, R.Z. Sagdeev, Yu.P. Tsentalovich.



TA time profiles measured at 620 nm (squares) and 720 nm (circles) after laser pulse excitation (400 nm, 150 fs, $3\mu\text{J}$) of basic aqueous XAN solution (pH 11) in the absence (solid black symbols) and presence (empty red symbols) of 1.1 M acetone. Solid lines show the best fit. Insert: the dependence of TA intensity measured at 620 nm (1.5 ns after 400 nm laser excitation, aqueous XAN solution, pH 11) on the laser energy.