

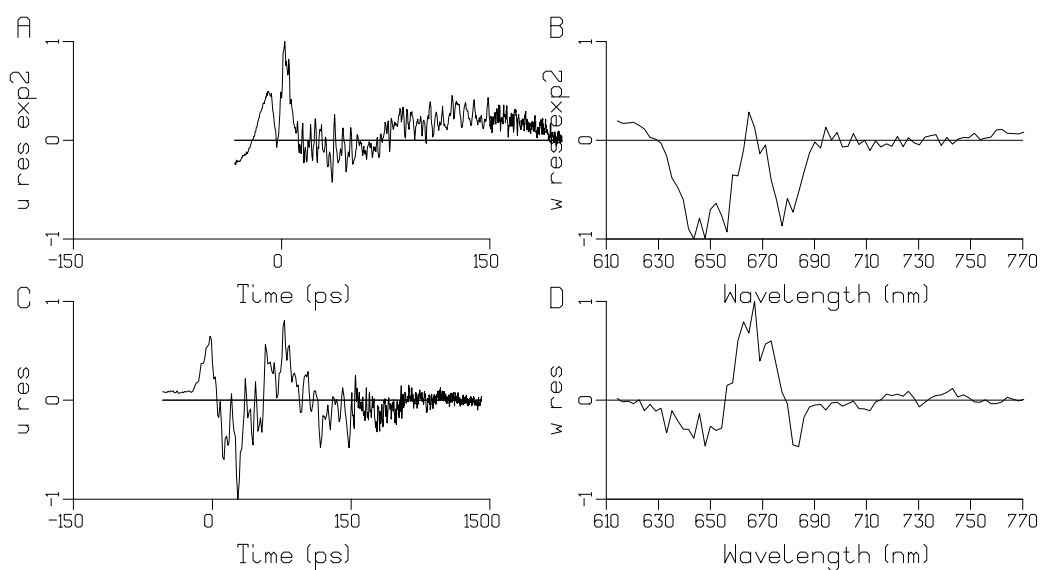


Fig. 5S. First left and right singular vectors u_1 (left column) and w_1 (right column) of the residual matrix after a target analysis of the 590 nm excitation data at RT. (A,B) TR2 data (orange in **Chyba! Nenalezen zdroj odkazů.**), and (C,D) TR4 data (grey in **Chyba! Nenalezen zdroj odkazů.**). Note that the time axis is linear until 150 ps and logarithmic thereafter. Most of the structure in the first left singular vectors (A,C) is straddling time zero, the location of the IRF maximum. This can be attributed to small inaccuracies in the description of the IRF.