Orthogonal Distance Regression Fit

$y = A + Be^{-x/C}$

$A = 1.96 \pm 0.03$
$B = 4.1 \pm 0.2$
$C = 1.8 \pm 0.1$
$\chi^2 = 0.034 \pm 0.005$

Legend: Fit, Signal

Y-axis (top): Fit
Y-axis (bottom): Fit:residuals
X-axis: Time