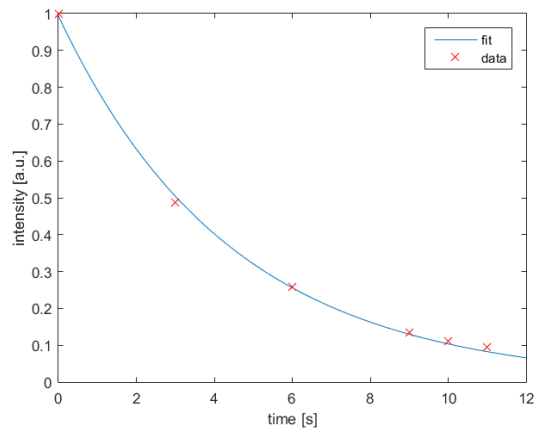
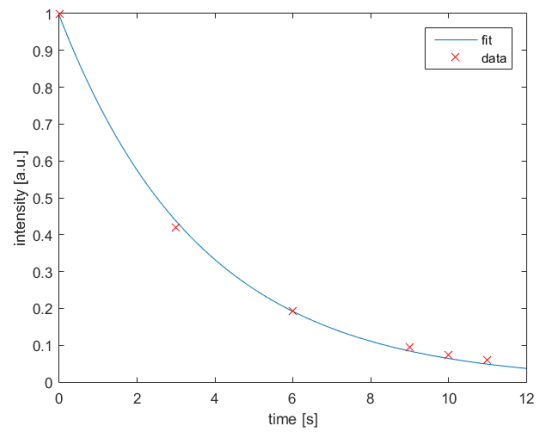


## Supplementary material



A



B

### Figure S1

(A) displays the fit for the T1 eff of lactate and (B) the fit for the T1 eff of pyruvate. The T1 eff for pyruvate was  $3.73 \pm 0.13$  [s] and  $4.50 \pm 0.24$  [s] for lactate.