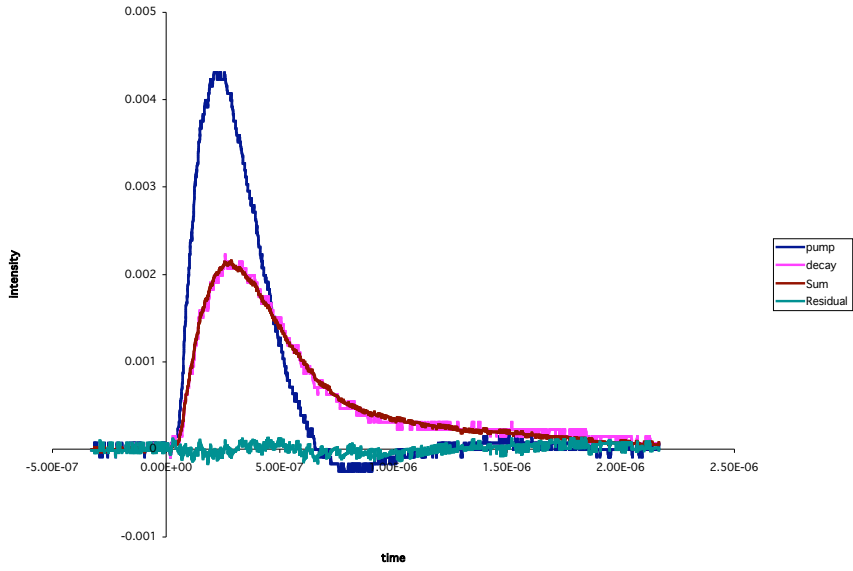
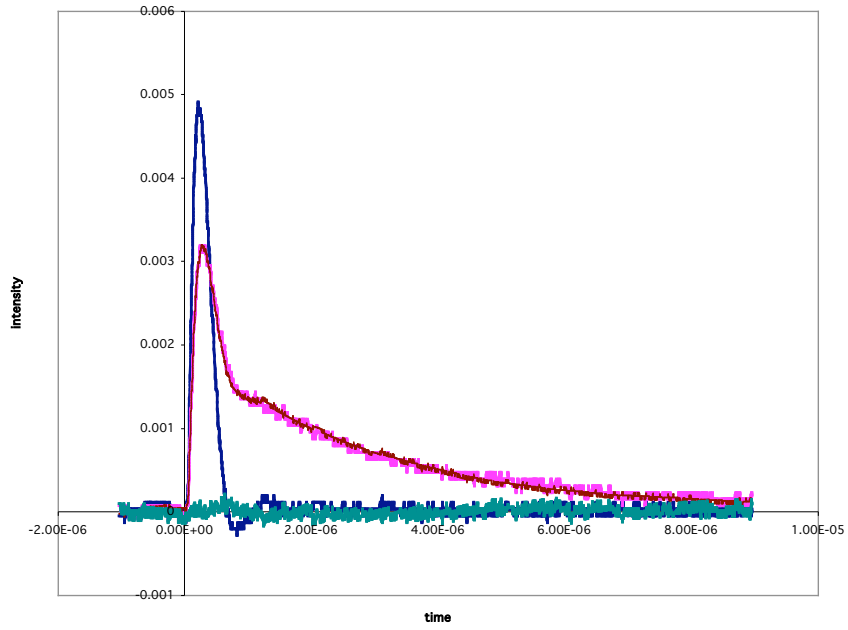


Fitted time-resolved profiles for the metal centred luminescence from the complexes

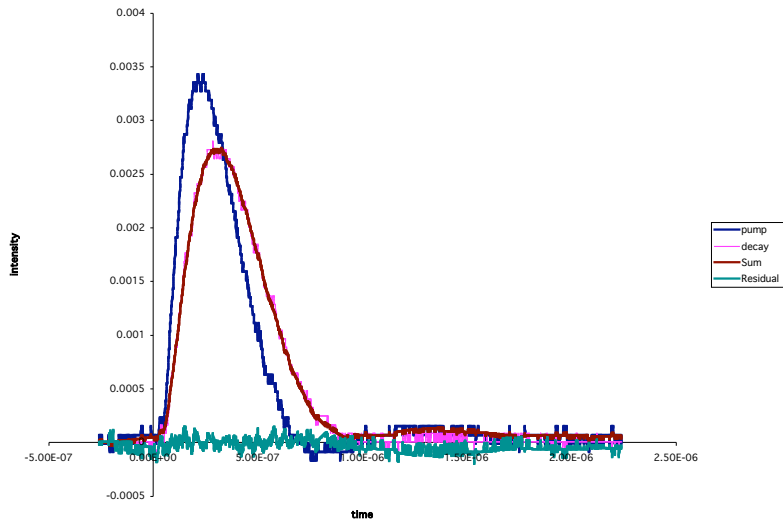
$[L^2.Yb.L^1]^-$
H₂O 550 ns



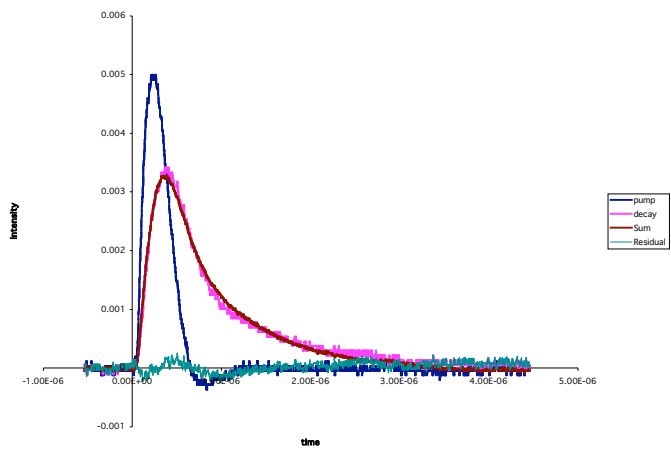
D₂O 2520 ns



$[L^2.Nd.L^{-1}]$
H₂O 145 ns



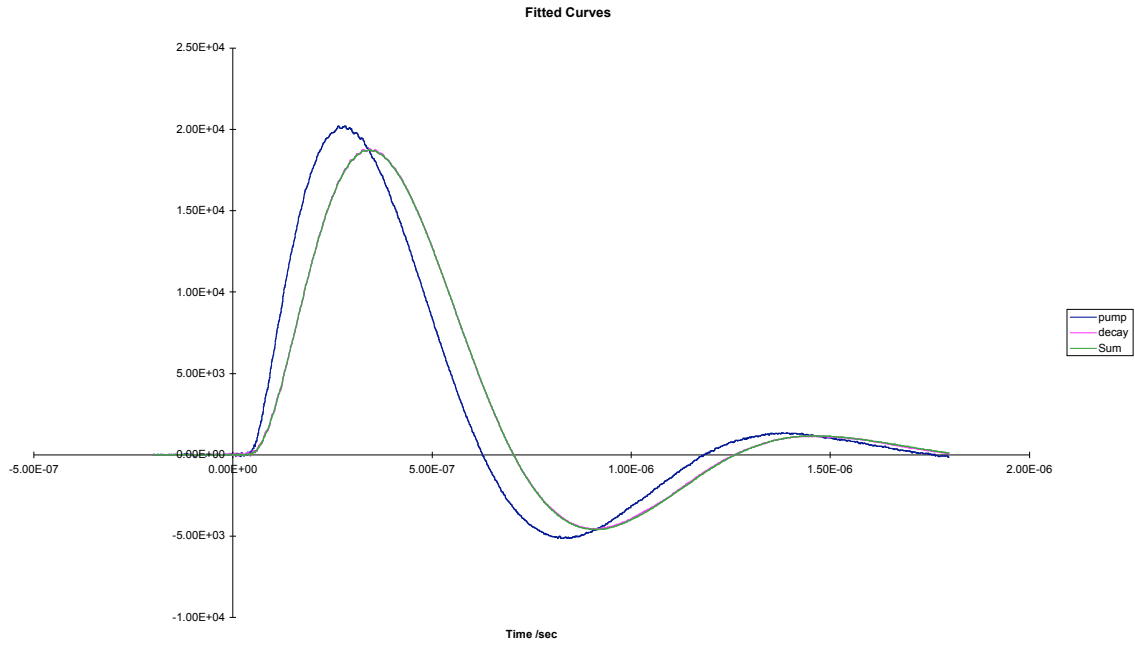
D₂O 750 ns



Nd.L³

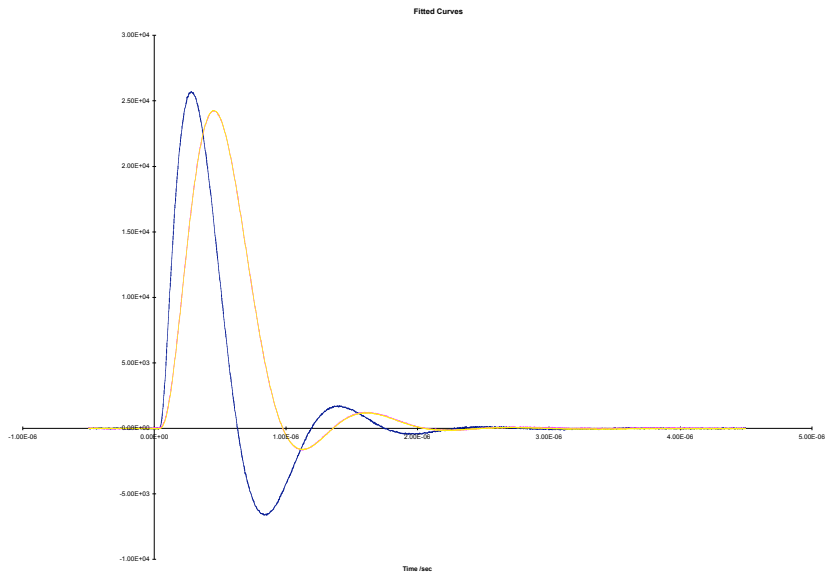
H₂O

Rise <5 ns Decay 80 ns

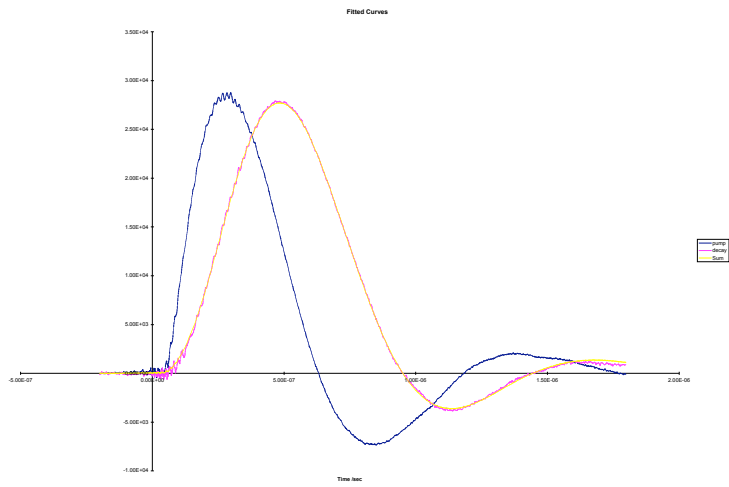


D₂O

Grow <5ns Decay 320 ns

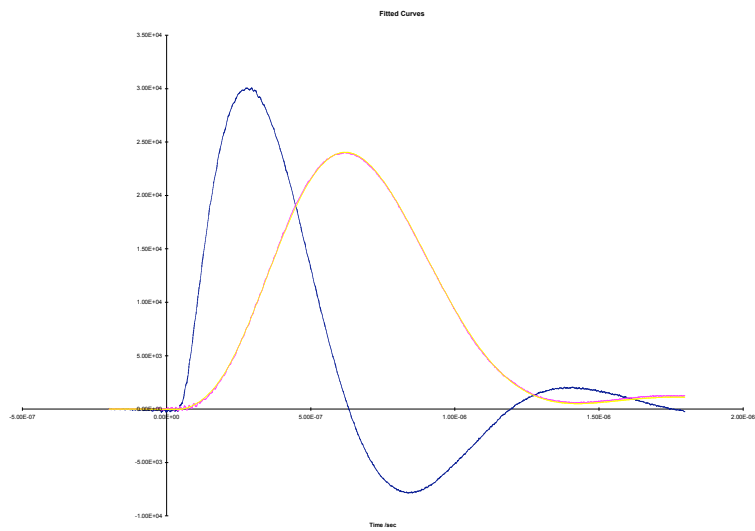


Nd L⁴
H₂O Rise time 70 ns Decay 220 ns

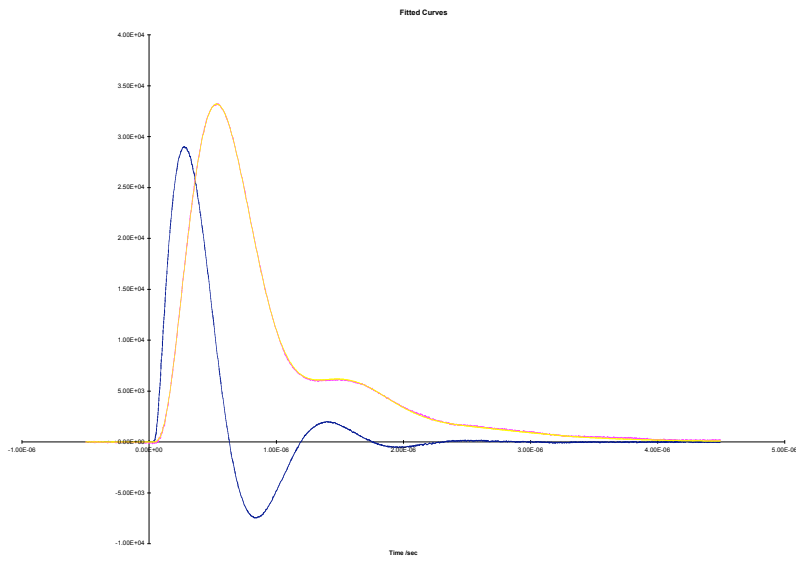


D₂O

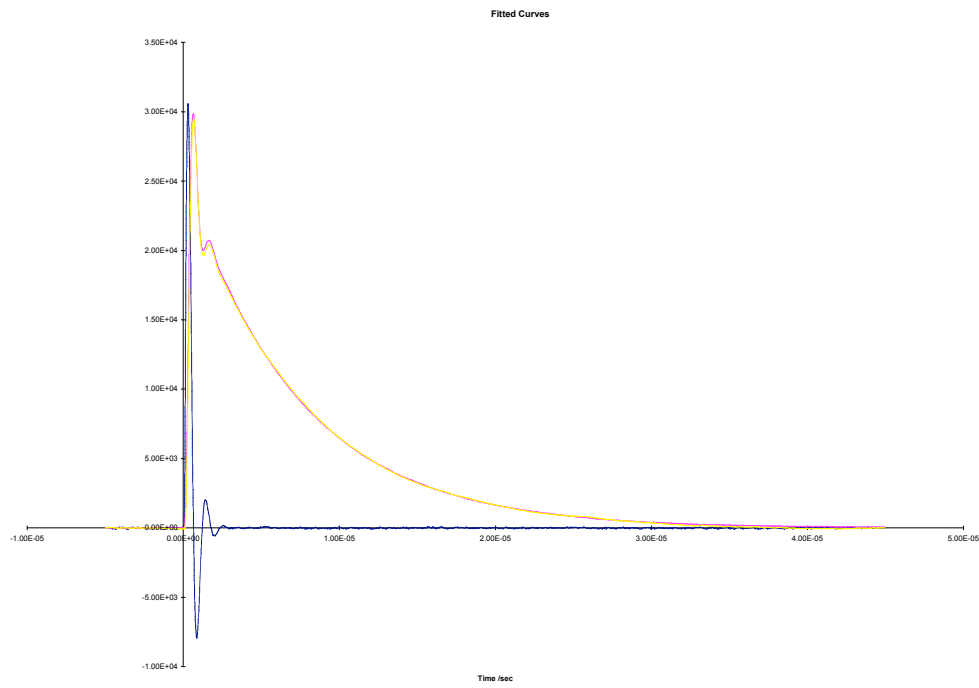
Risetime 210 ns Decay 312 ns



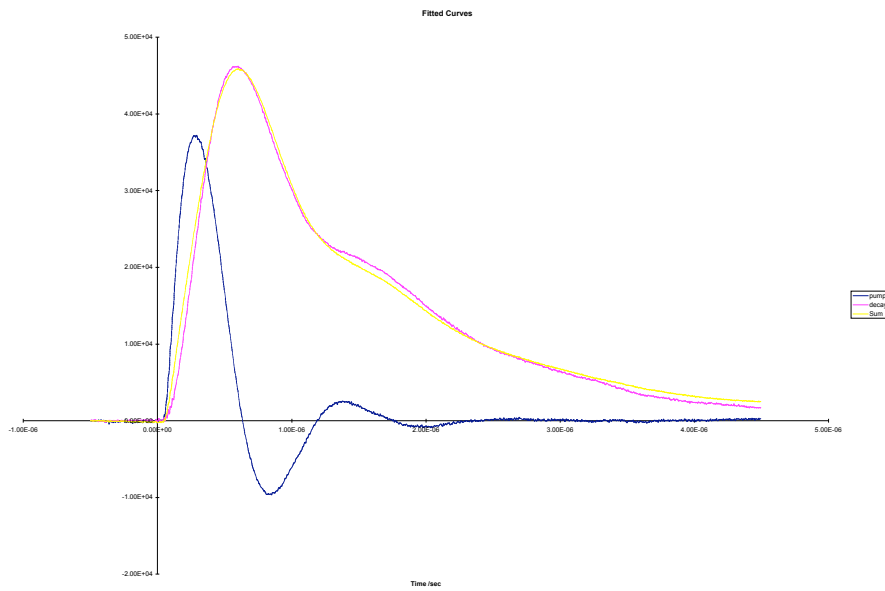
Yb L³
H₂O Risetime 15 ns decay 740 ns



D₂O Grow 5 ns decay 7445 ns



YbL⁴
H₂O rise time 125 ns decay 1340 ns



D2O (conventional fit)
Risetime 790 ns Decay 7400 ns

