

Table S1. ICP-MS acquisition mode optimization

Acquisition mode	Mean Intensity (counts)	
	Q3 Only	MS/MS
AuNP signal (50 nm)	266.26	59.46
Dissolved gold signal (2 ug/L)	8.74	2.77

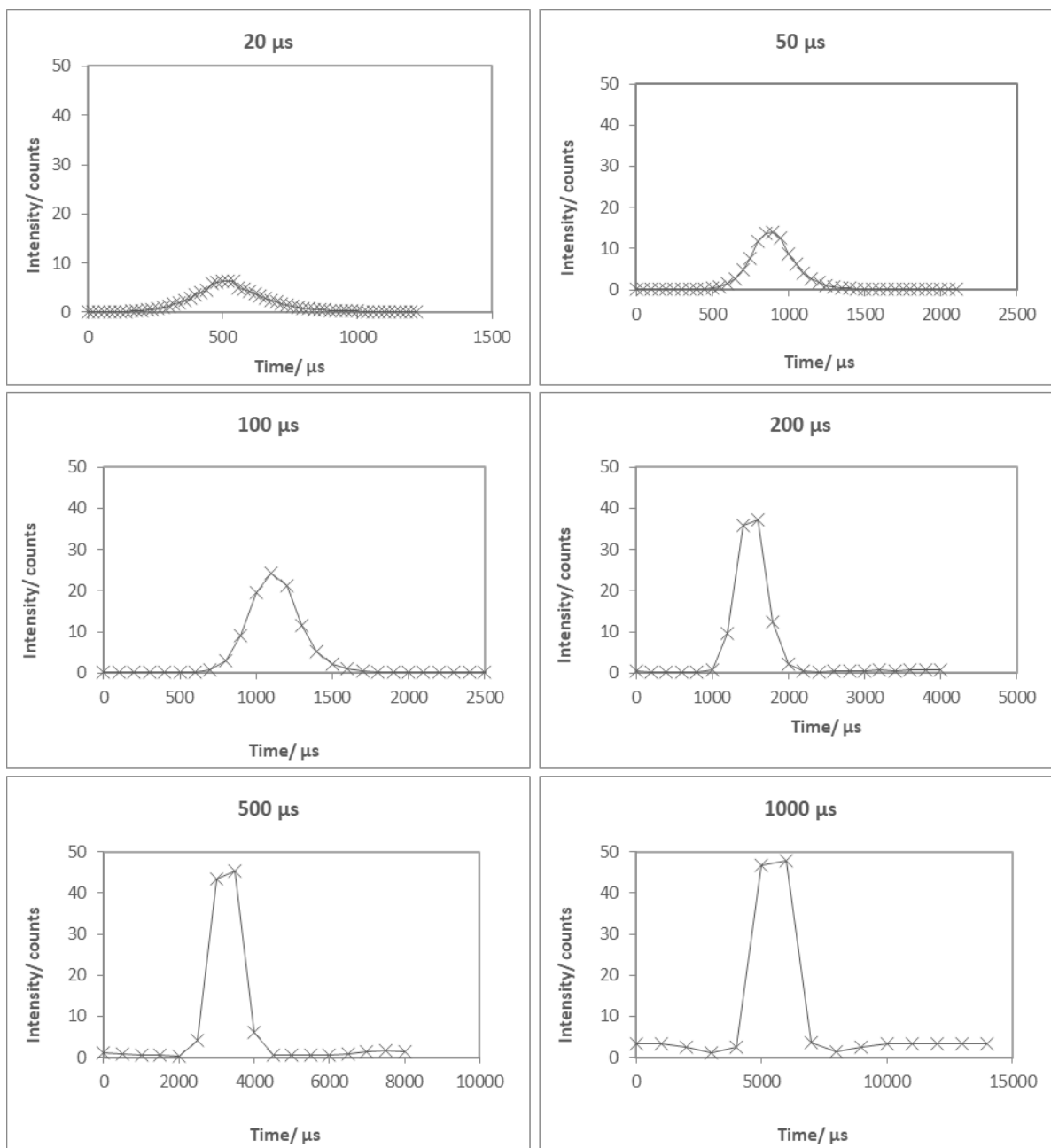


Figure S1: Dwell time optimization from 20 to 1000  $\mu\text{s}$