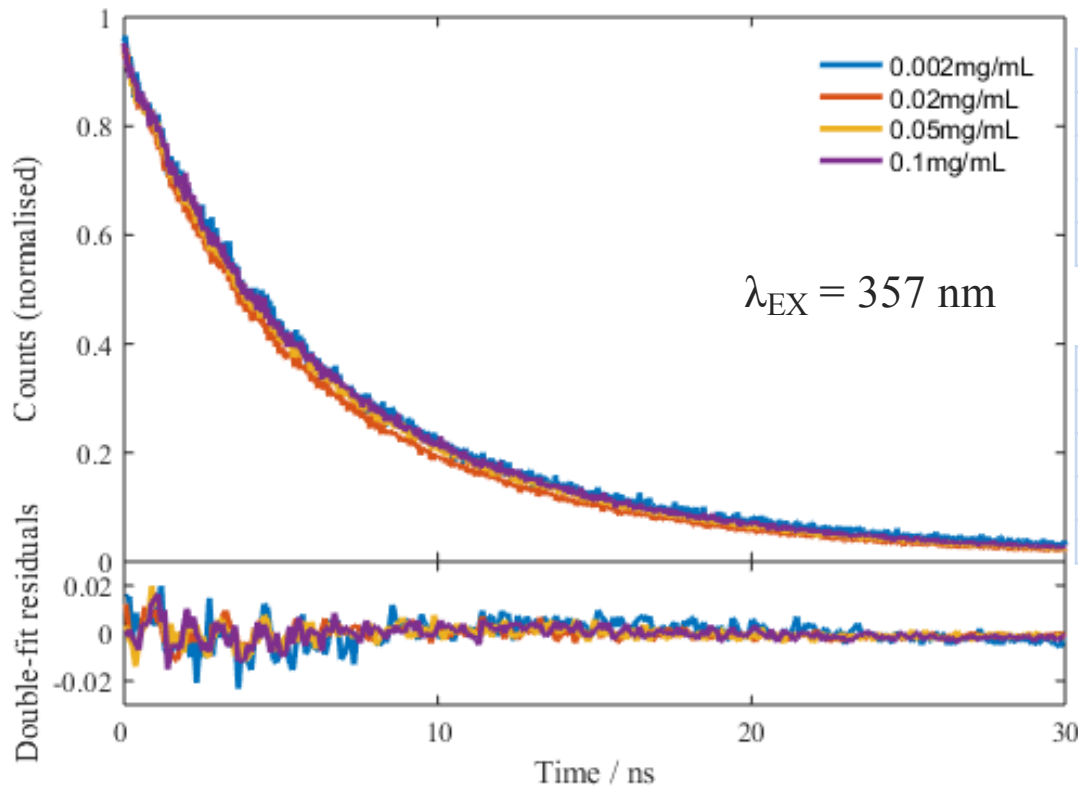


# Red CPN: Fluorescent lifetime

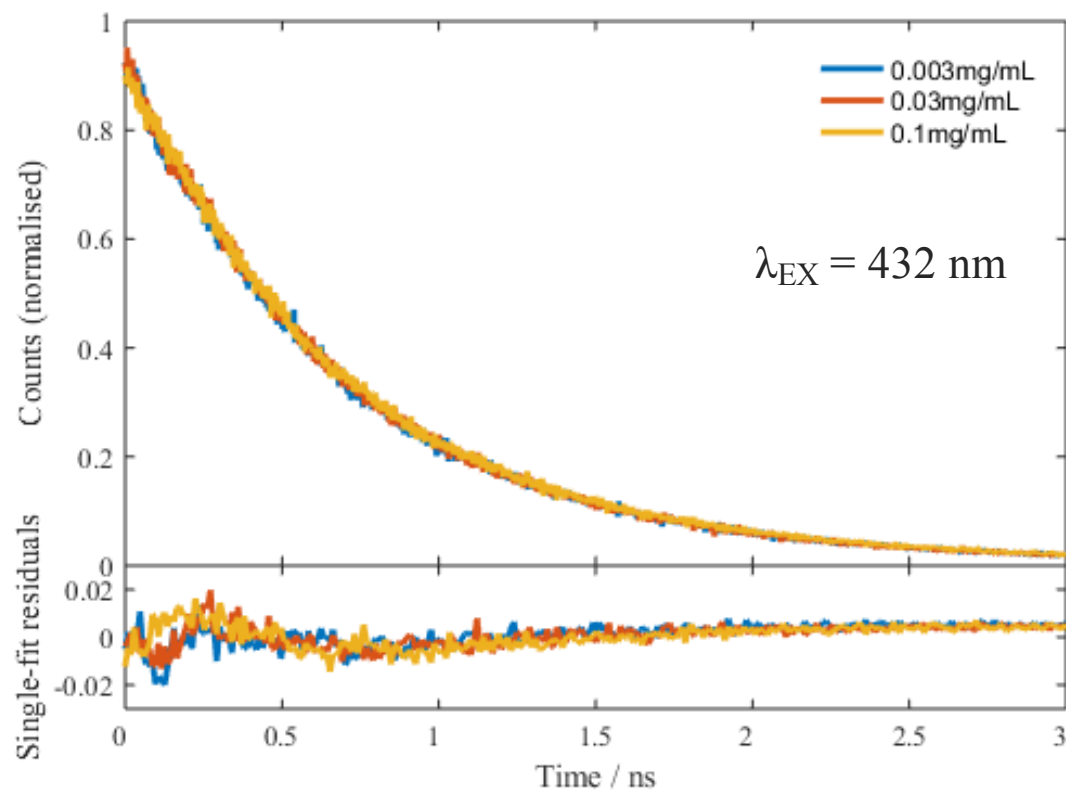


Concentration ( mg/ml)	Fast lifetime (ns)	Fast component
0.002	5.81±0.07	0.97±0.01
0.02	4.23±0.09	0.87±0.02
0.05	4.5±0.1	0.85±0.02
0.1	5.12±0.09	0.90±0.01

Concentration (mg/ml)	Slow lifetime (ns)	Slow component
0.002	25±1	0.033±0.003
0.02	10.7±0.2	0.13±0.01
0.05	11.1±0.3	0.15±0.01
0.1	13.3±0.4	0.10±0.01

Fluorescent lifetime: Red CPN: 357 nm excitation using a 1.4 ns pulse NanoLED 350 source

## Yellow CPN: Fluorescent lifetime



Concentration (mg/ml)	Lifetime ( ns)
0.003	0.705±0.001
0.03	0.711±0.001
0.1	0.732±0.001

Fluorescent lifetime:

Yellow CPN: Excitation is performed with a 432 nm laser source( 2 ps pulse, 76 MHz)