

HALCYONE Femto

Fluorescence Upconversion Spectrometer

Femtosecond Fluorescence of PTP

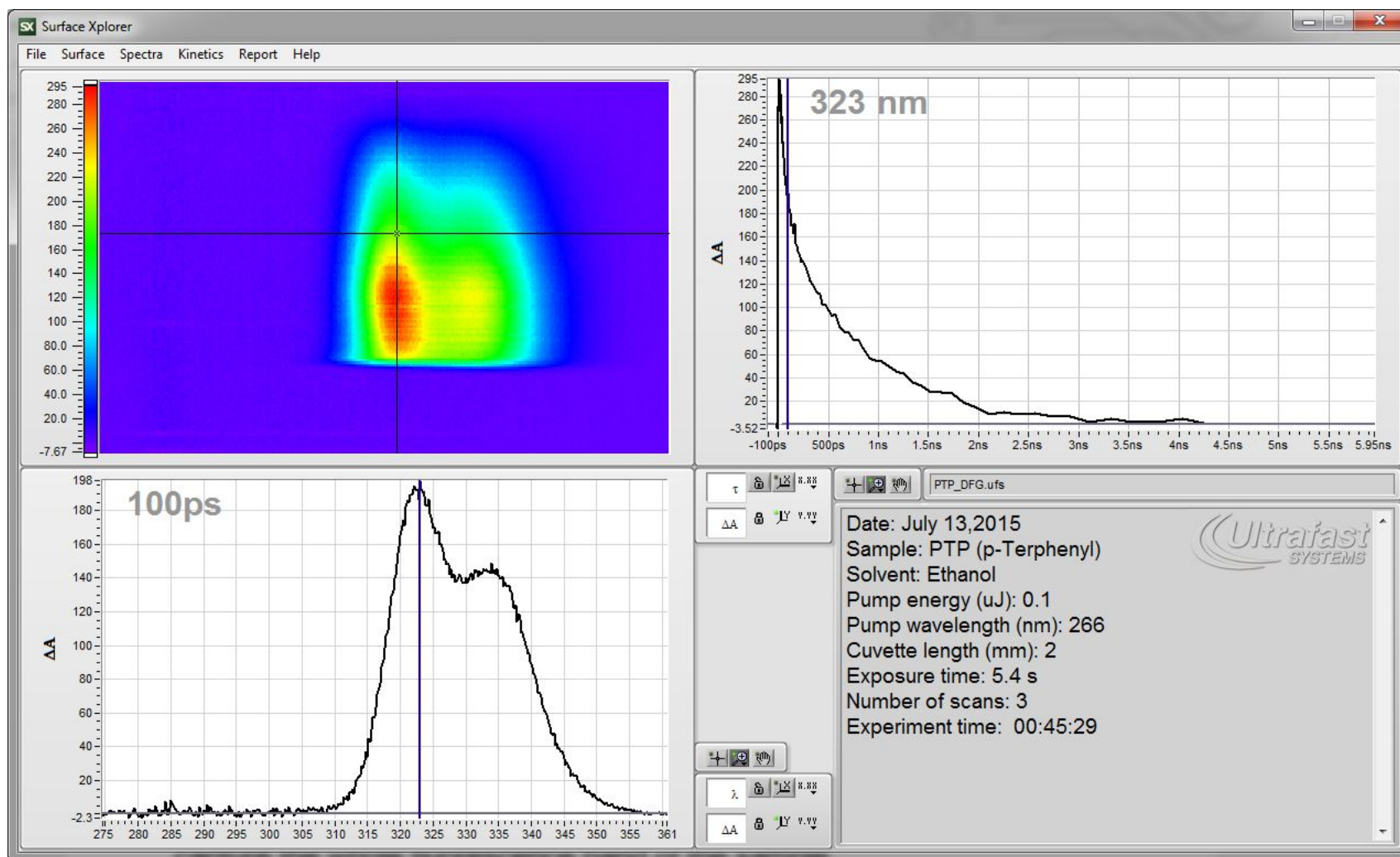
DATA EXAMPLE



Experiment Details

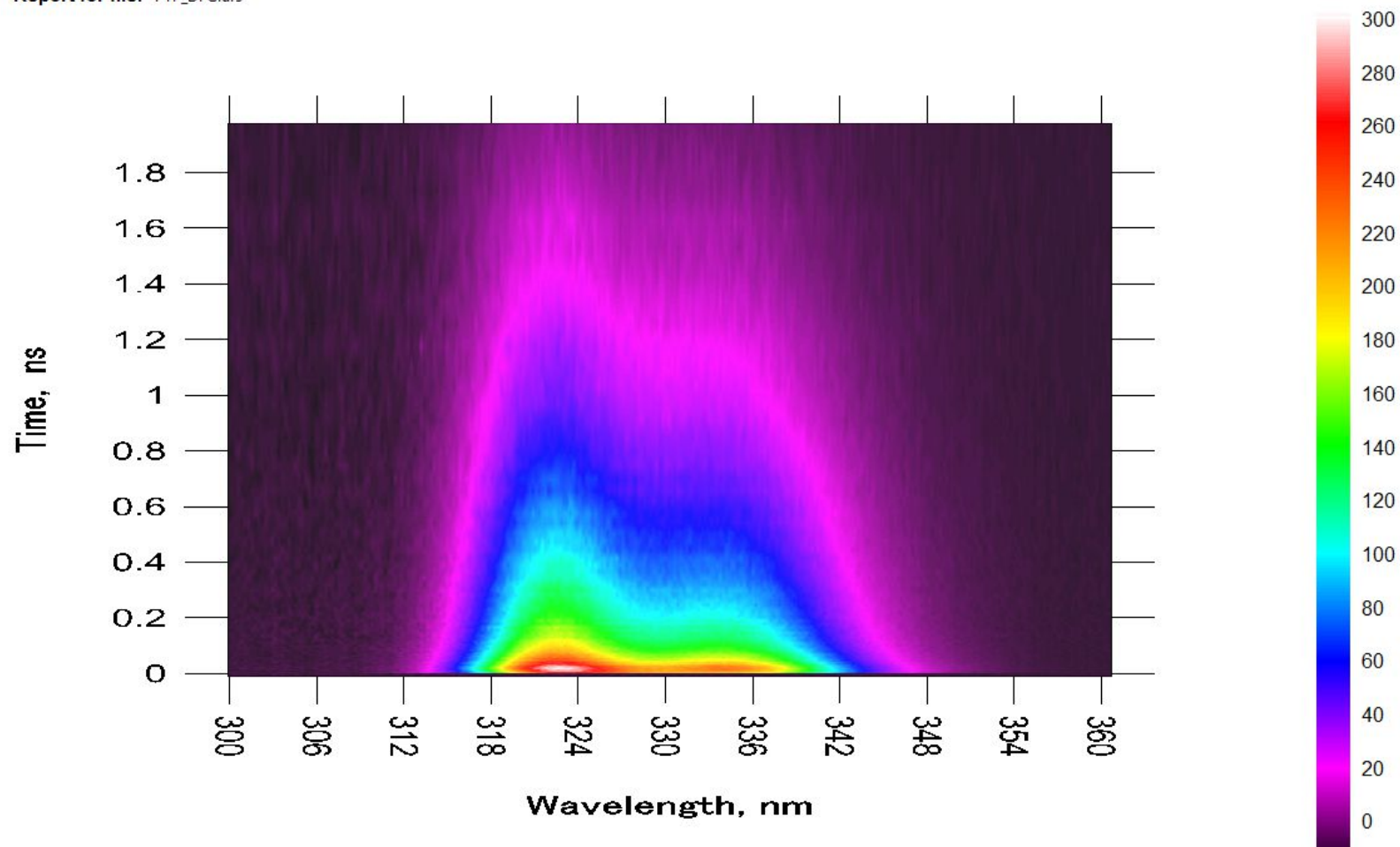
- Sample: PTP (p-Terphenyl) in ethanol
- Laser / OPA: Libra (Coherent) @ 1 kHz / Harmonics Generator
- Pump energy (uJ): 0.1
- Pump wavelength (nm): 266
- Cuvette length (mm): 2
- Detector: Thermoelectrically Cooled CCD with exposure time 5.4 s
- Number of scans: 3
- Experiment time: 00:45:29
- The DFG crystal was automatically rotated during camera integration time to capture the whole fluorescence band of the sample

PTP Dynamic Surface with Kinetic and Spectral Slices in Surface Xplorer Software

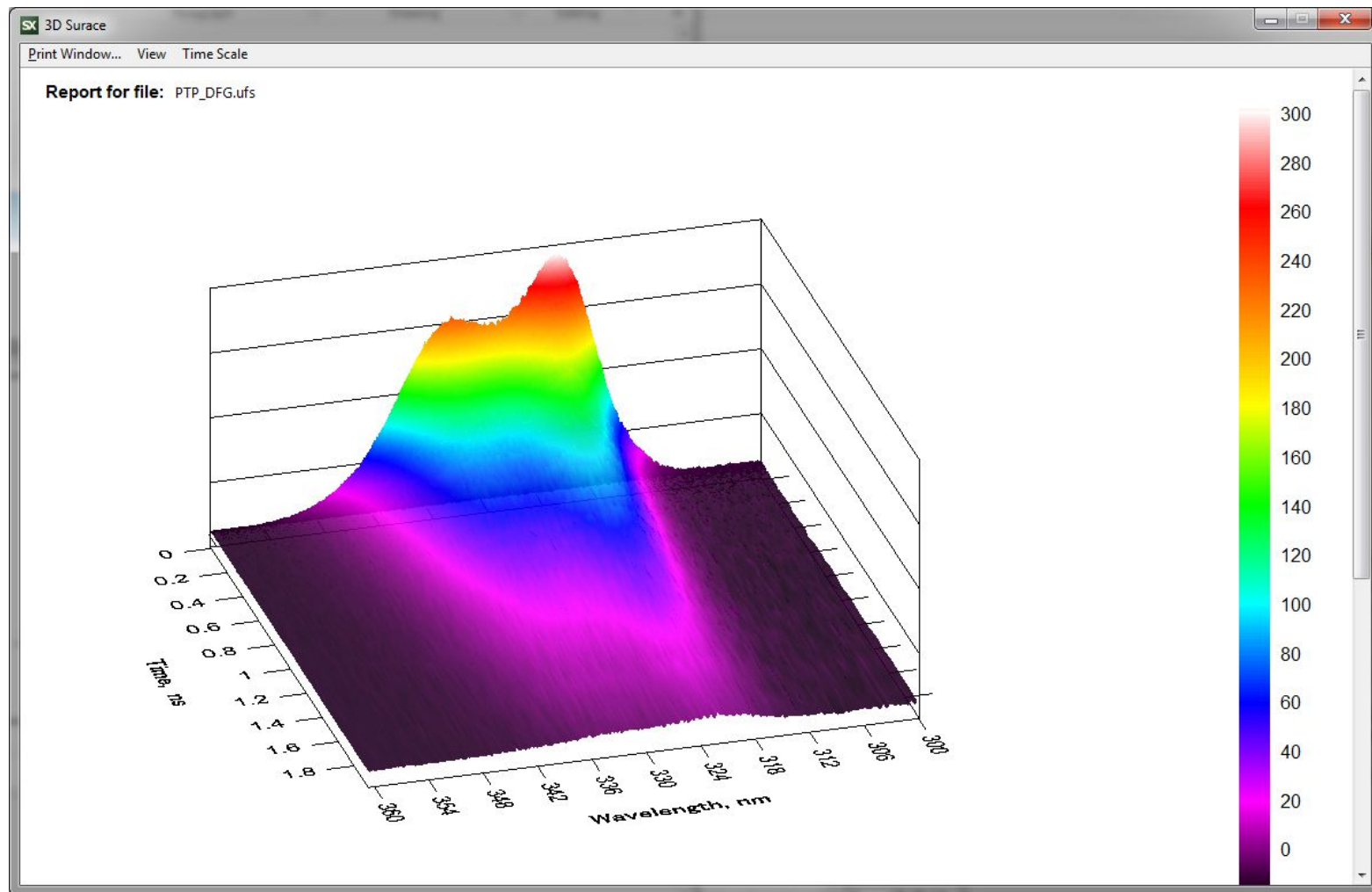


Dynamic Surface of PTP (Bird's Eye View)

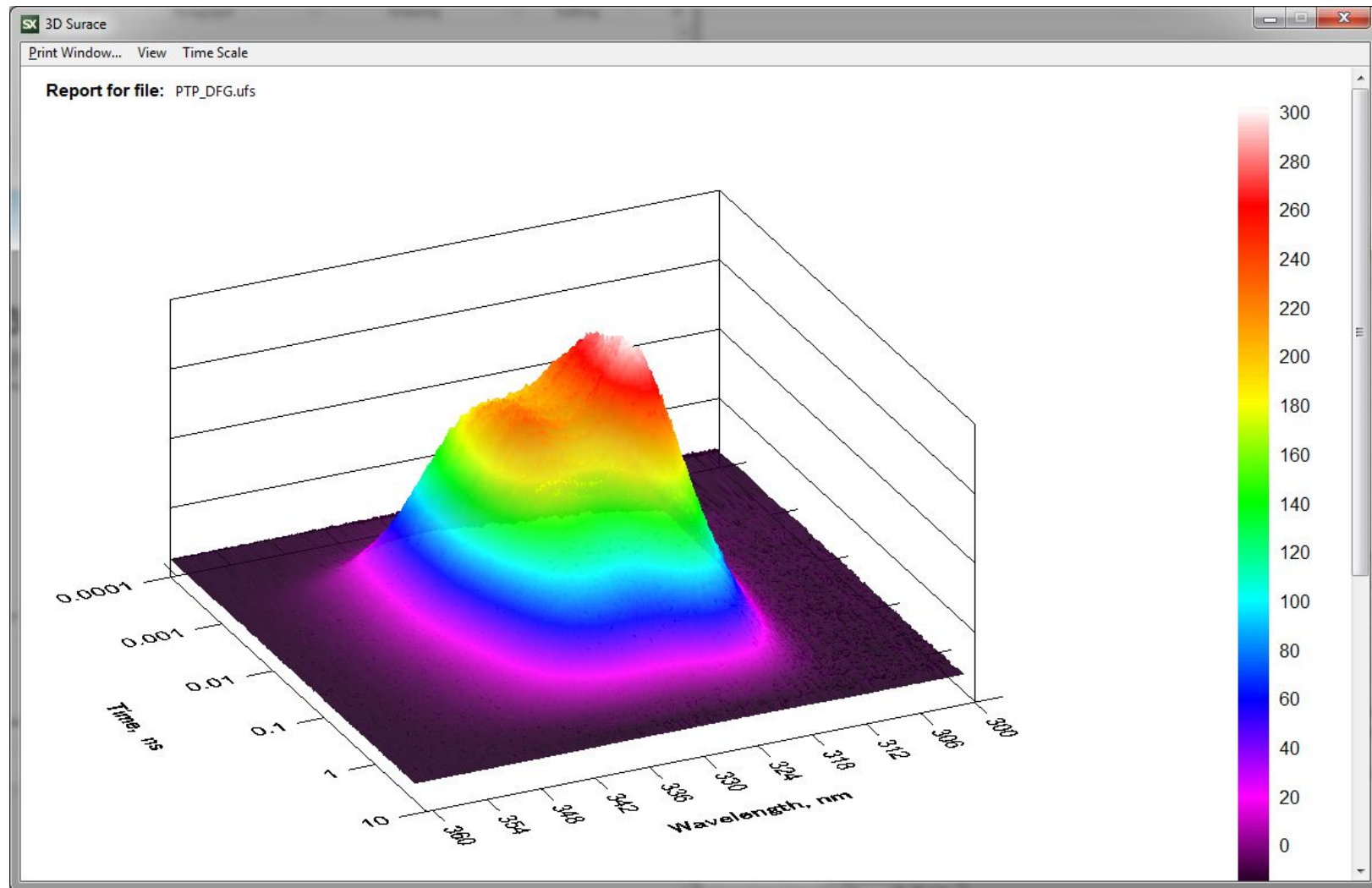
Report for file: PTP_DFG.ufs



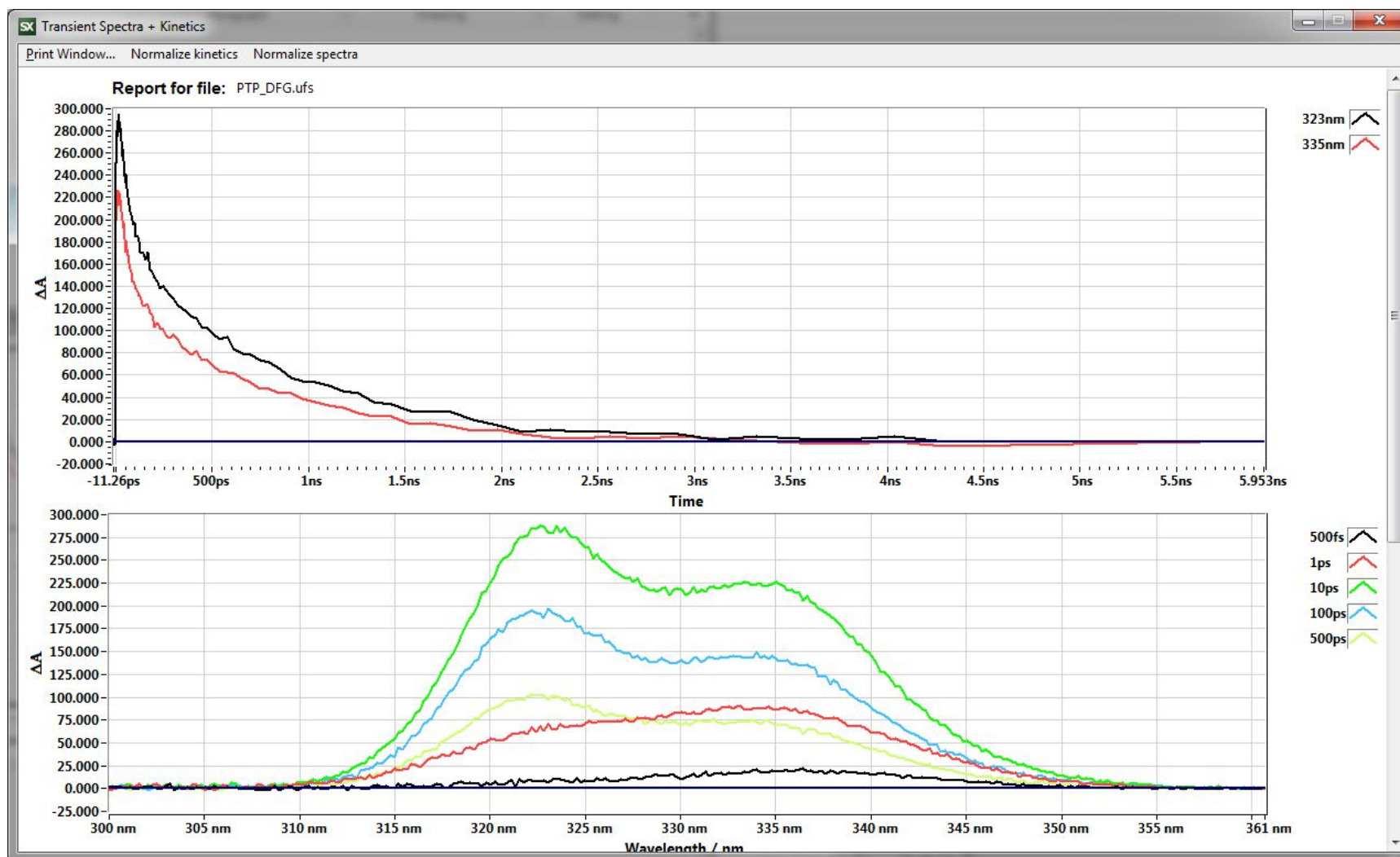
Dynamic Surface of PTP (3D View)



Dynamic Surface of PTP (3D View, Logarithmic Timescale)



Fluorescence Kinetics & Spectra of PTP in Ethanol



Kinetic Fit of PTP in Ethanol

