

## SUPPLEMENTARY INFORMATION

# Silver Doped Zinc Stannate (Ag-ZnSnO<sub>3</sub>) for The Photocatalytic Degradation of Caffeine Under UV Irradiation

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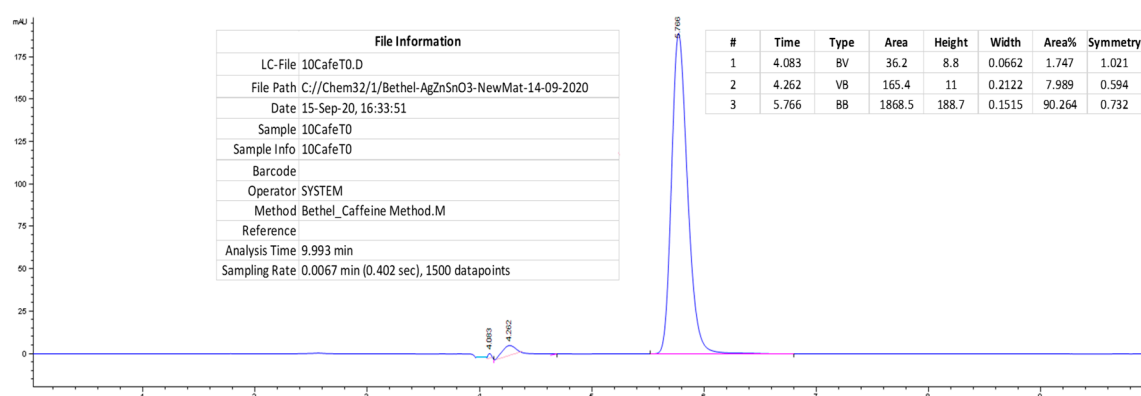
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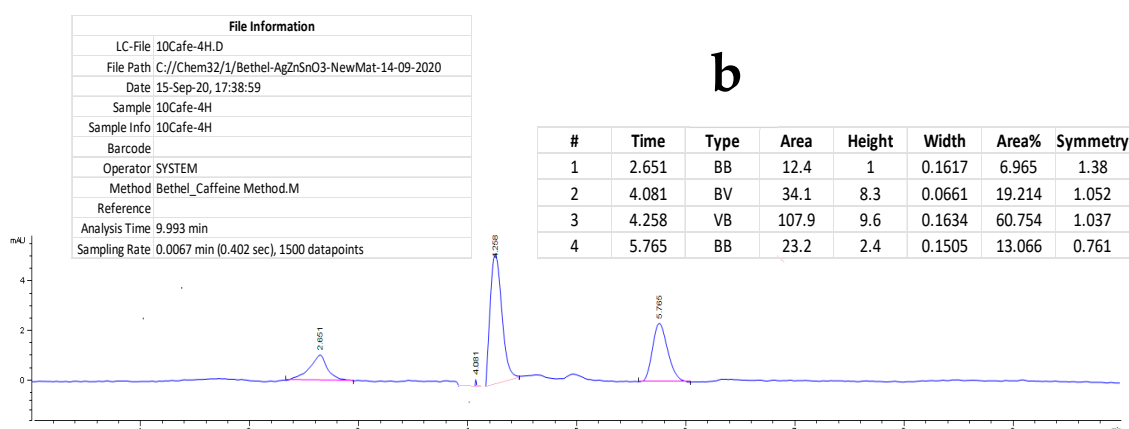
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**a**



**b**



**Figure S1.** A typical chromatogram obtained of initial caffeine concentration at: a) time  $t_0$  before irradiation and b) time  $t_4$  after 4h irradiation in an ~ 6 min. retention time of an ~10 min. run time.

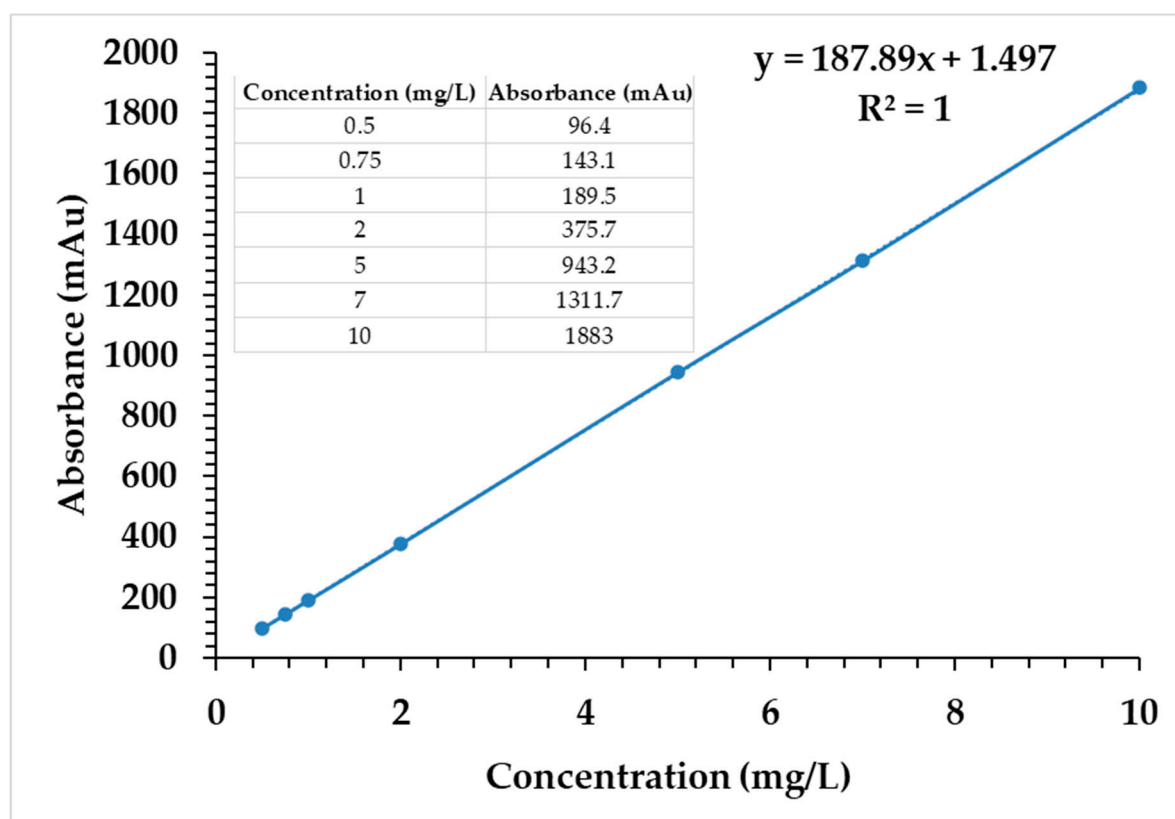


Figure S2. Standard calibration curve of caffeine obtained from standard caffeine solutions (0.5-1 mg/L) (inset).