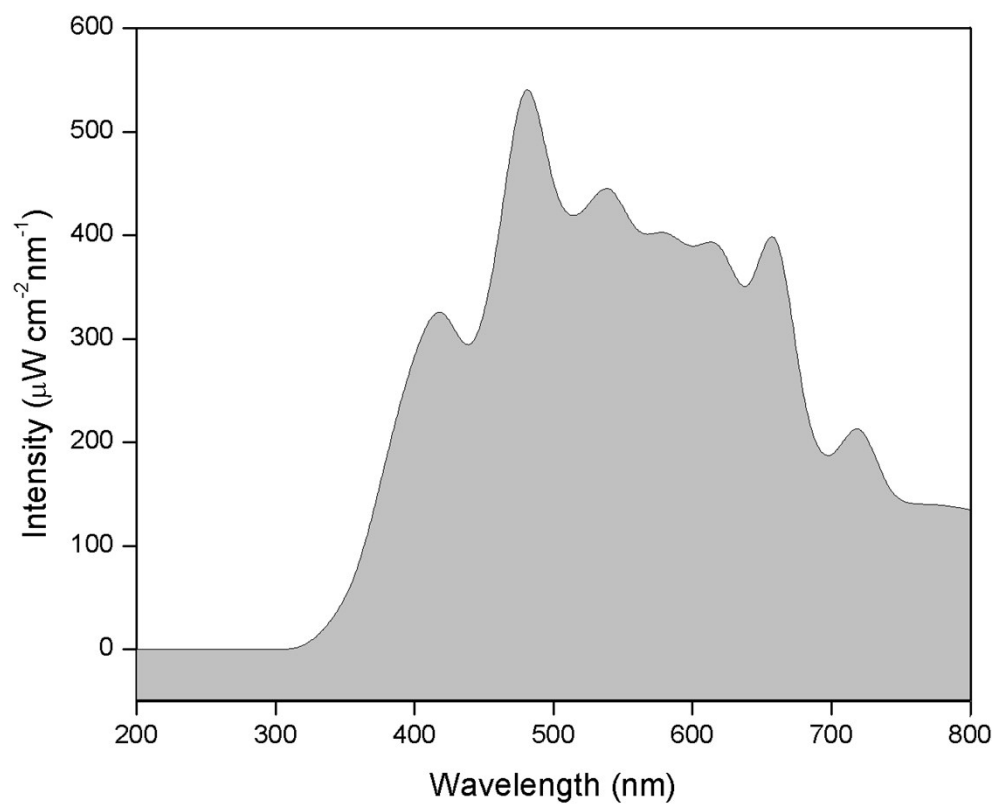
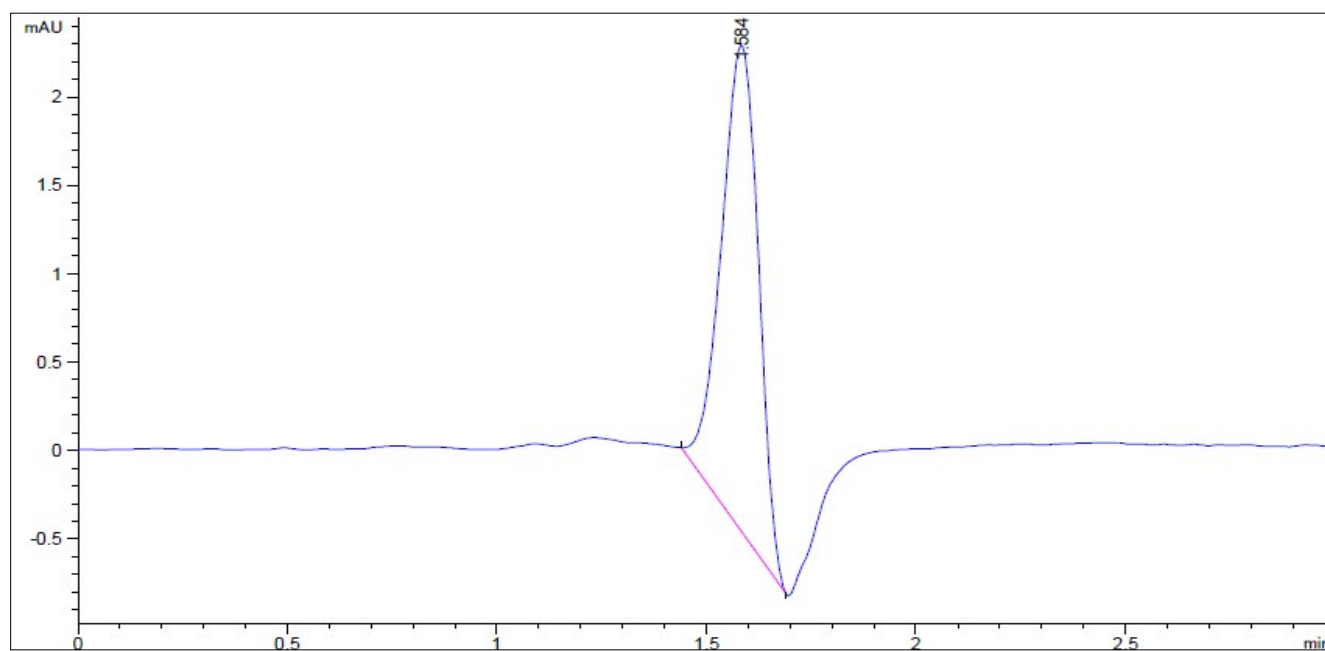


**Fig. S1** .Emission spectrum of the visible light source provided by the supplier (OSRAMHCI-T 150 W/942 NDL PB)

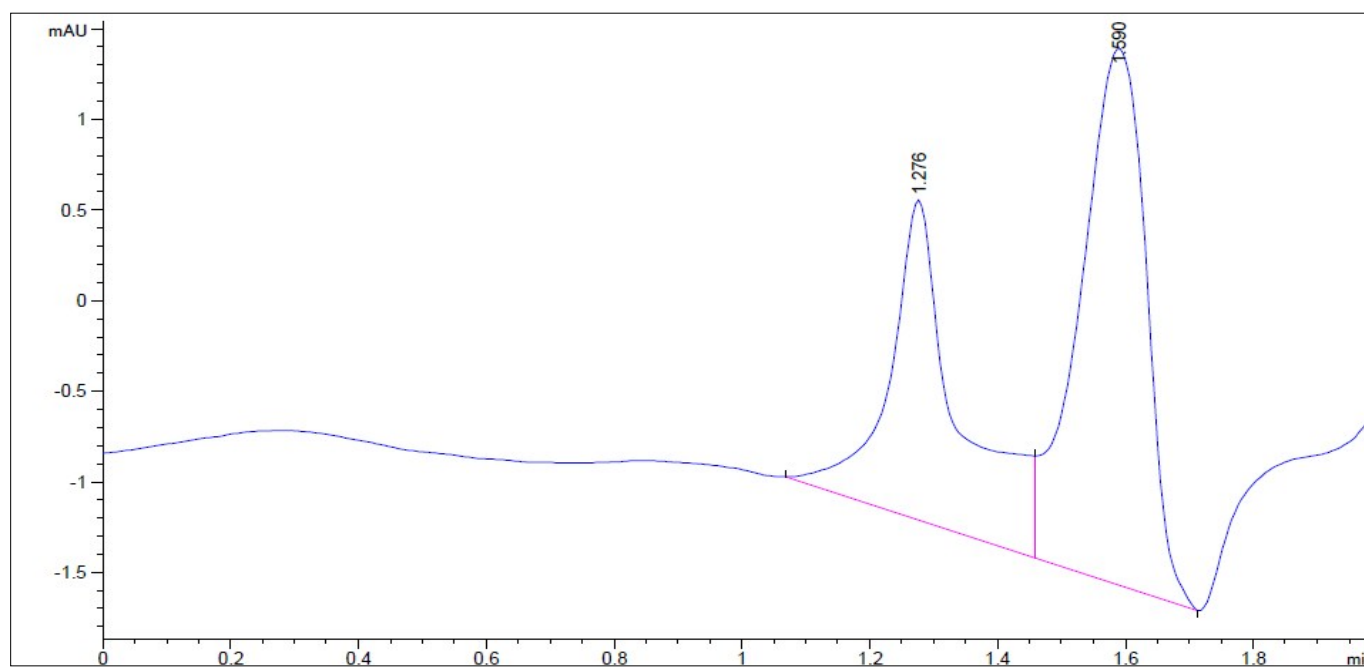


**Fig. S2** HPLC chromatogram of EE2 at 0 h (a) and degraded metabolites extracted at 6 h (b)

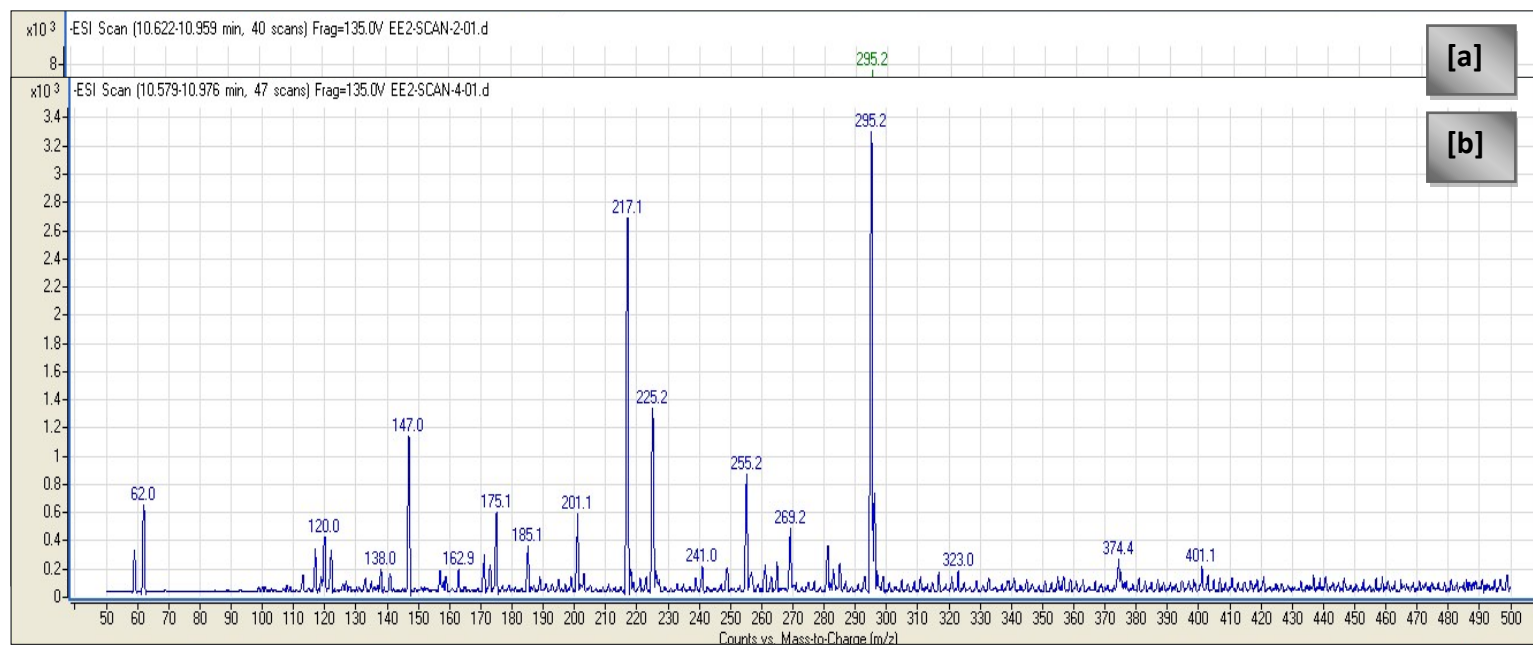
**(a)**



**(b)**



**Fig. S3** LCMS fragmentation pattern of EE2 degraded metabolites extracted at 3 h (a) & 6 h (b)



**Fig. S4** Recycle photocatalytic degradation performance of Sr/Ag-TiO<sub>2</sub> for EE2

