Supplementary Material

Photocatalytic Degradation of Selected No-opioid Analgesics Driven by Solar Light Exposure

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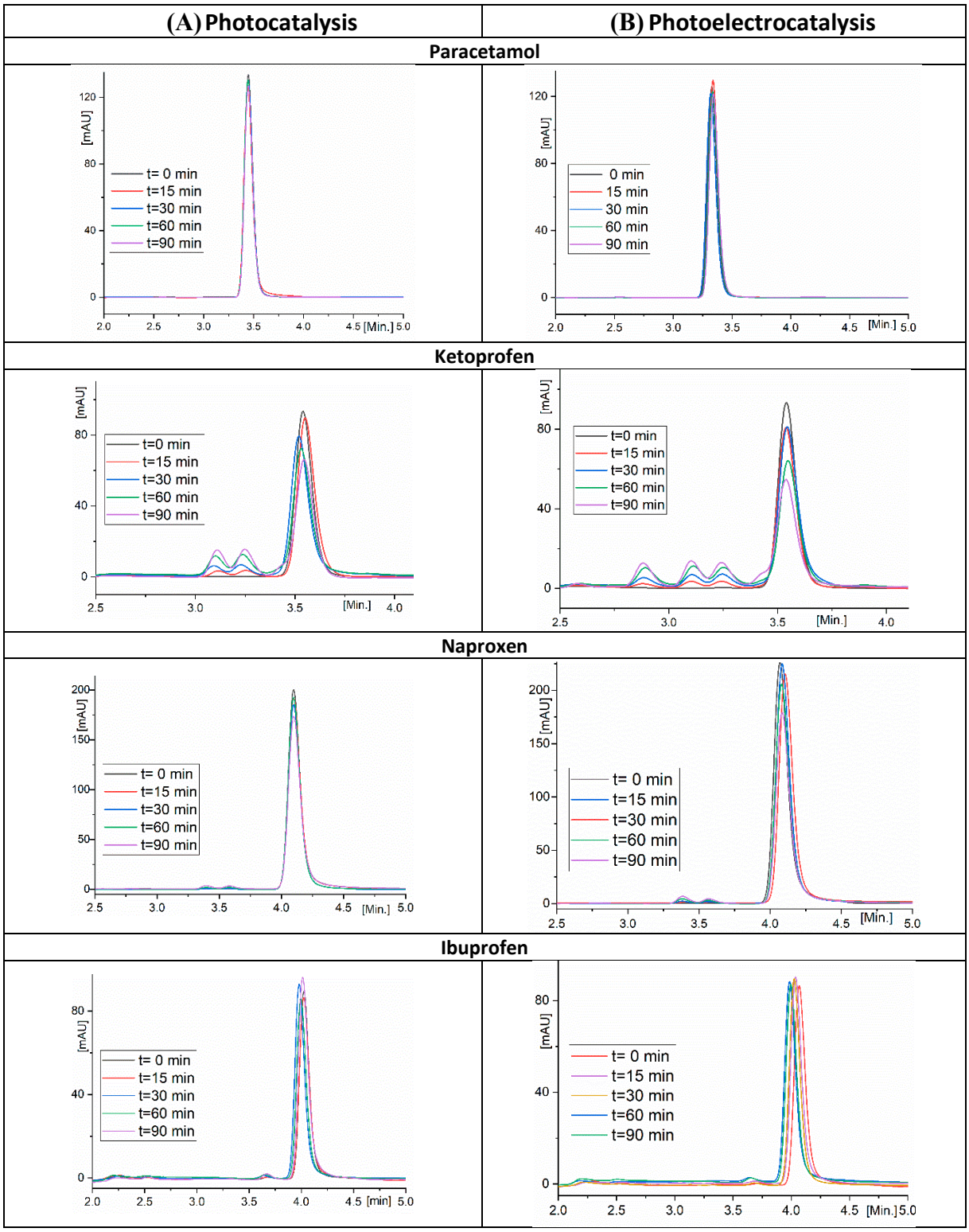


Figure S1. Chromatograms recorded during irradiation of the tested analytes with WO_3 (0.28 cm^2 active area) under solar lamp over time: (**A**) photocatalysis; (**B**) photoelectrocatalysis.

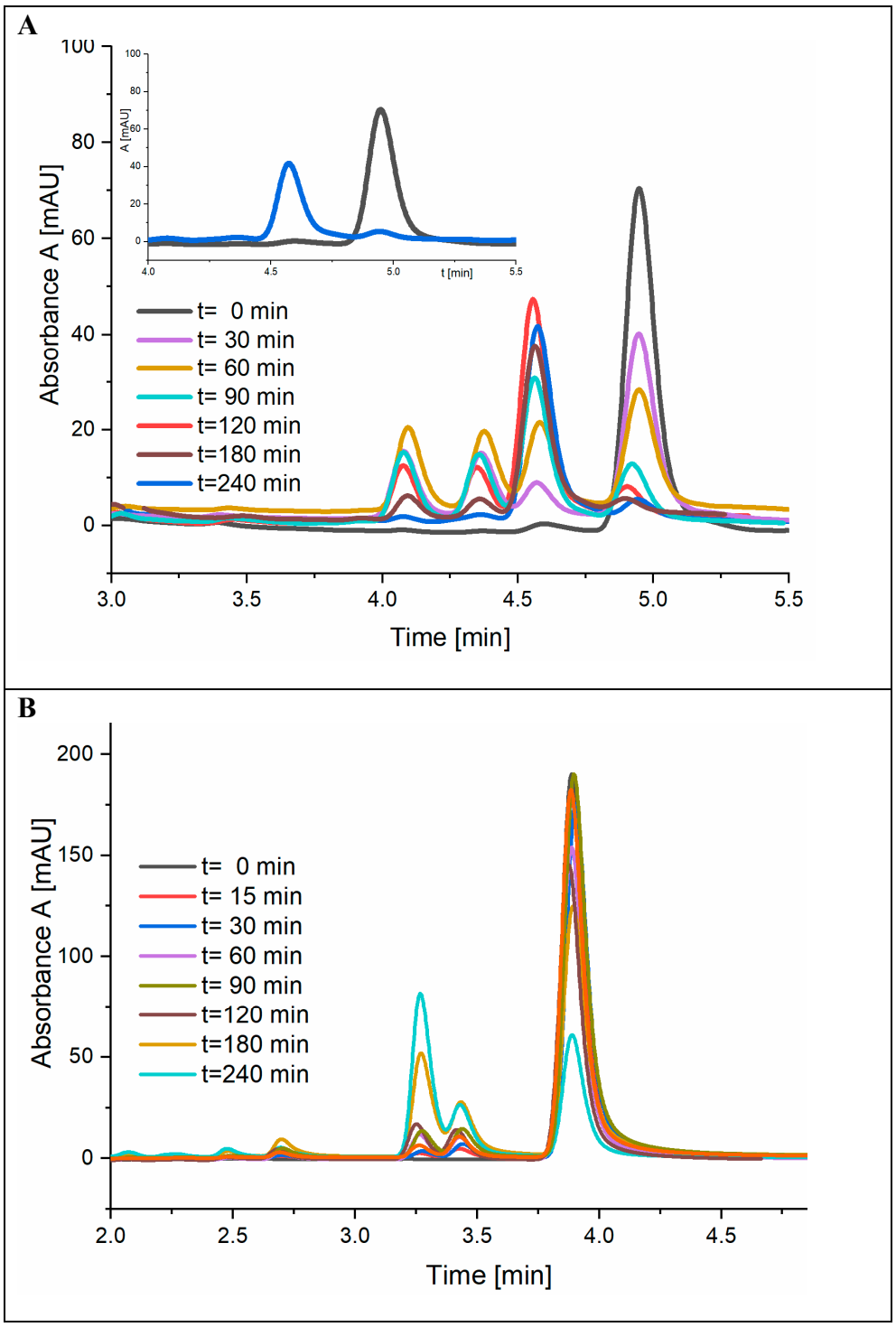


Figure S2. Chromatograms obtained during photocatalysis of (**A**) ketoprofen, (**B**) naproxen with WO_3 (4x1.5 cm active area) under solar lamp over time.

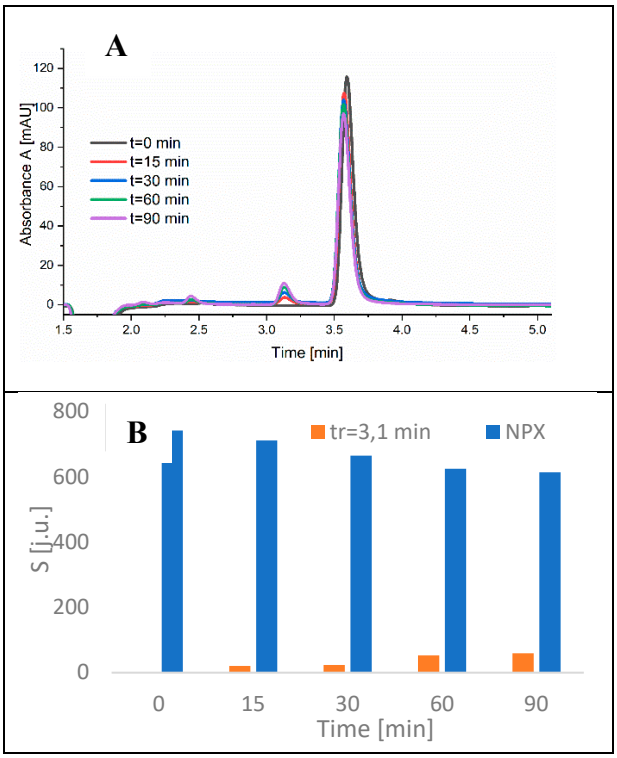


Figure S3. Photocatalysis of diclofenac with Fe_2O_3 (4x1,5 cm active area) under solar irradiation. (**A**) Recorded chromatograms over time. (**B**) The changes in surface area of obtained signals over time.

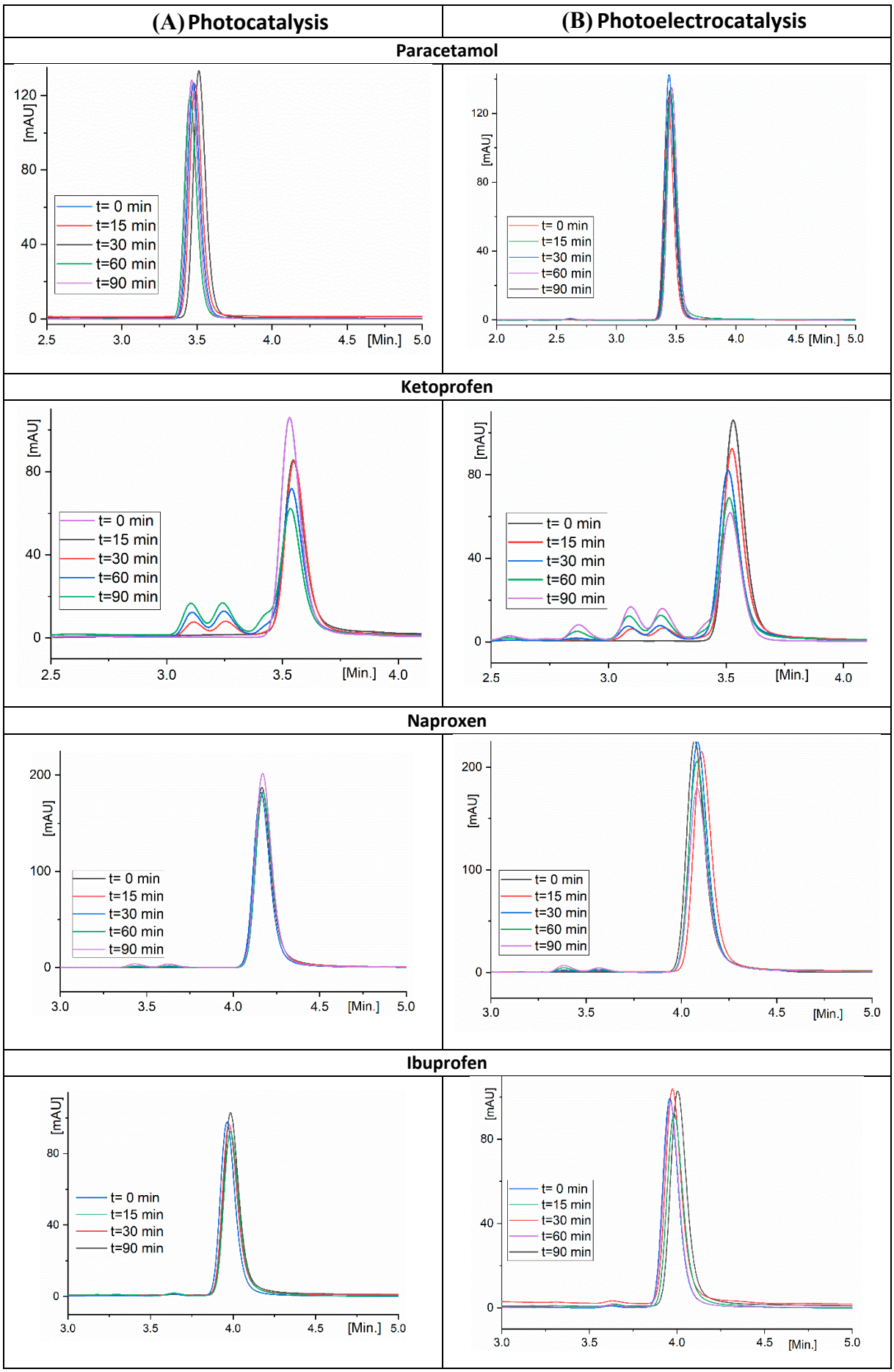


Figure S4. Chromatograms recorded during irradiation of the tested analytes with WO_3/Fe_2O_3 under a solar lamp over time: (**A**) photocatalysis; (**B**) photoelectrocatalysis.

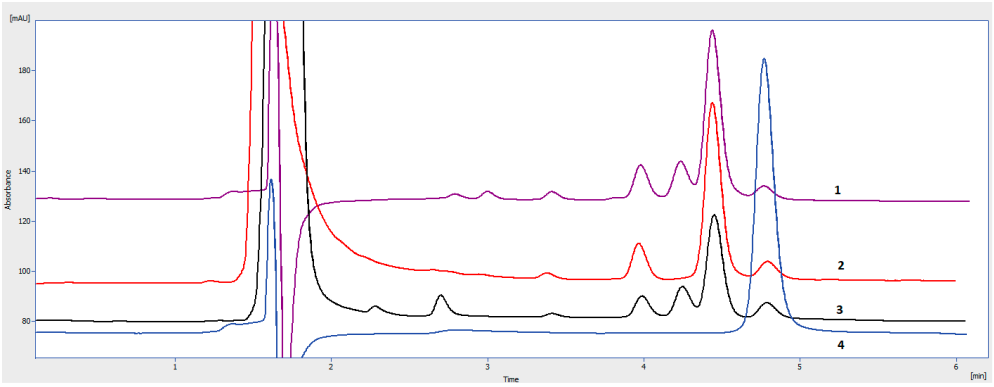


Figure S5. Chromatograms recorded after 80 min irradiation of KET with isopropanol (1), EDTA (2), $KBrO_3$ (3). Signal for KET before degradation (4).