

Supplementary Materials

Figure S1. Extracted ion chromatograms of non-activated (a) and activated sample (b) of parathion. Parathion is present in both the non-activated and activated samples with a mass-to-charge ratio (m/z) of 292 corresponding to the molecular weight of parathion (291), as verified with a reference standard. Paraoxon is present in the activated sample with an $m/z = 276$ corresponding to molecular weight of paraoxon (275) (mass spectra were recorded in positive ESI mode).

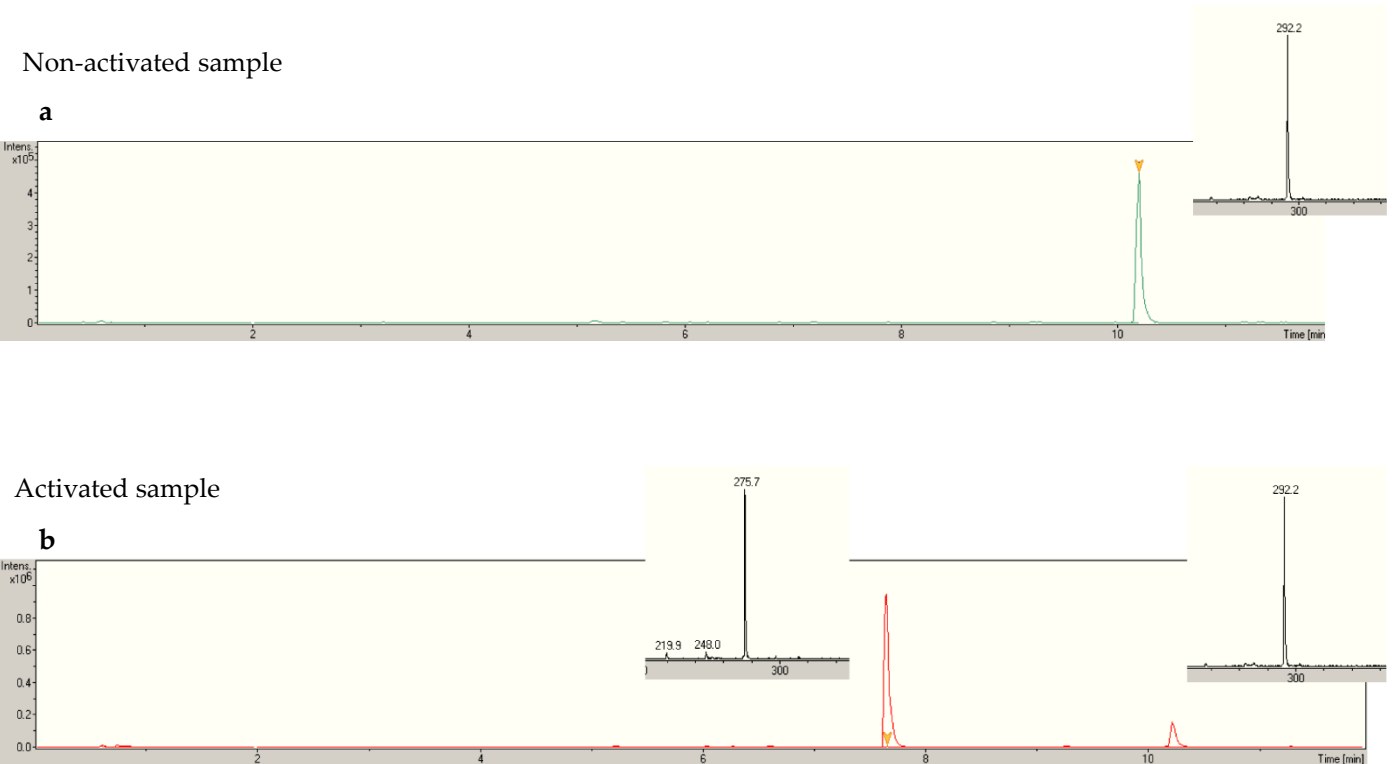


Figure S2. Extracted ion chromatograms of non-activated (a) and activated sample (b) of malathion. In both the non-activated and activated samples there is a peak with a mass-to-charge ratio (m/z) of 303 corresponding to the molecular weight of MMA (301) (mass spectra were recorded in positive ESI mode). No reference standard of MMA was available, so its identification is only tentative.

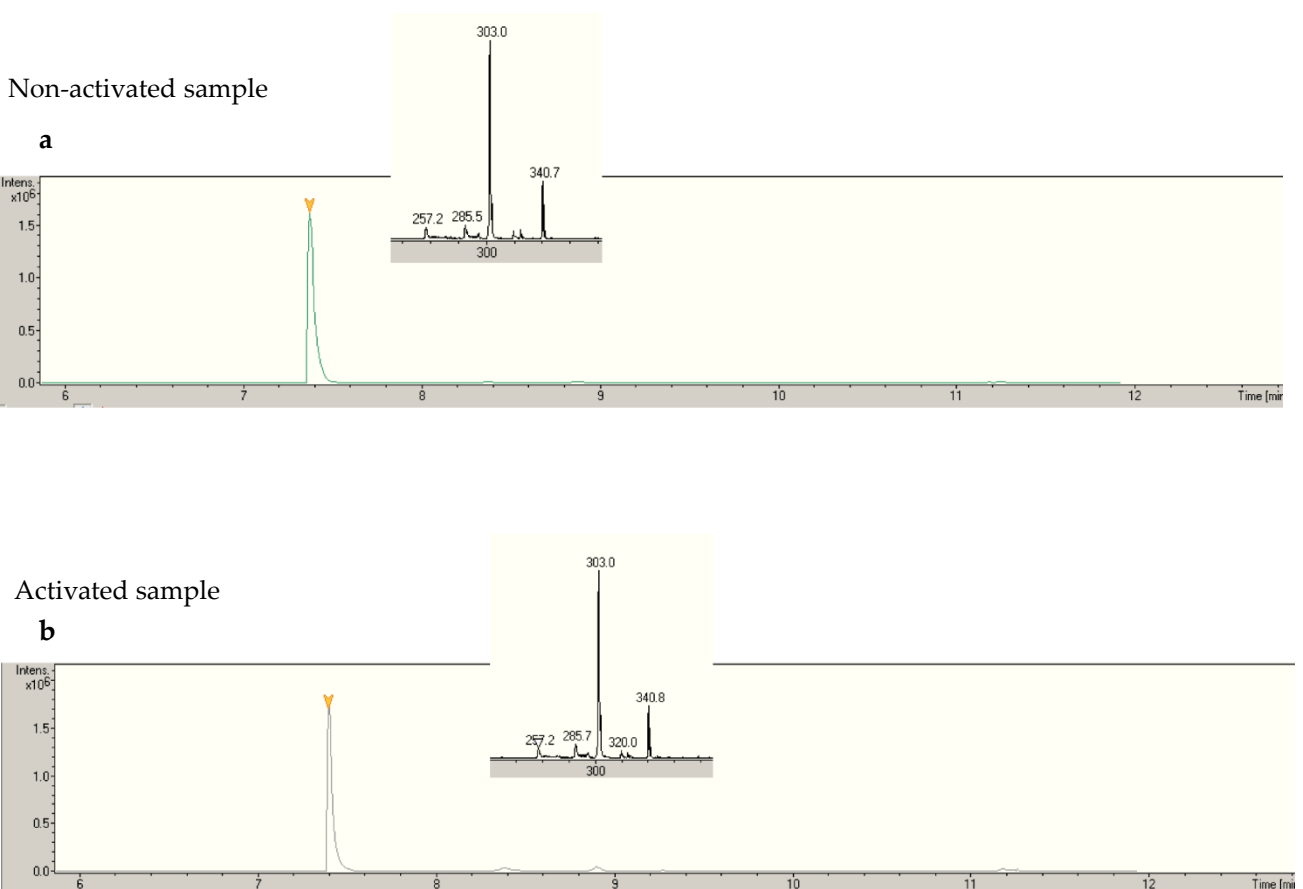
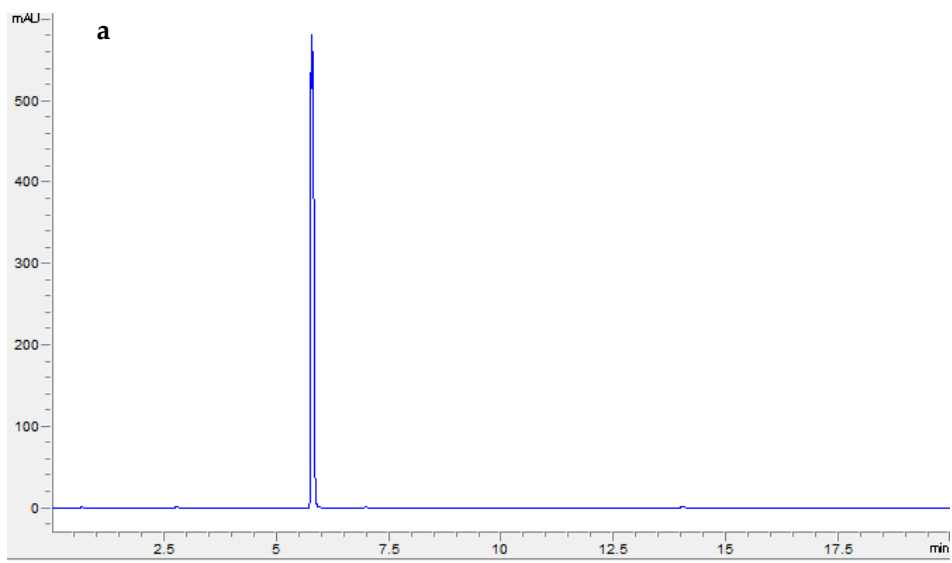


Figure S3. LC-UV chromatogram of non-activated (a) and activated sample (b) of chloramphenicol. In both the non-activated and activated samples there is a peak with an elution time of 5.6 corresponding to chloramphenicol (as verified with a reference standard).

Non-activated sample



Activated sample

