Below are chromatograms for selected variants. They were compared in terms of absorbance and levoglucosan occurrence time. Levoglucosan peaks are marked with arrows.

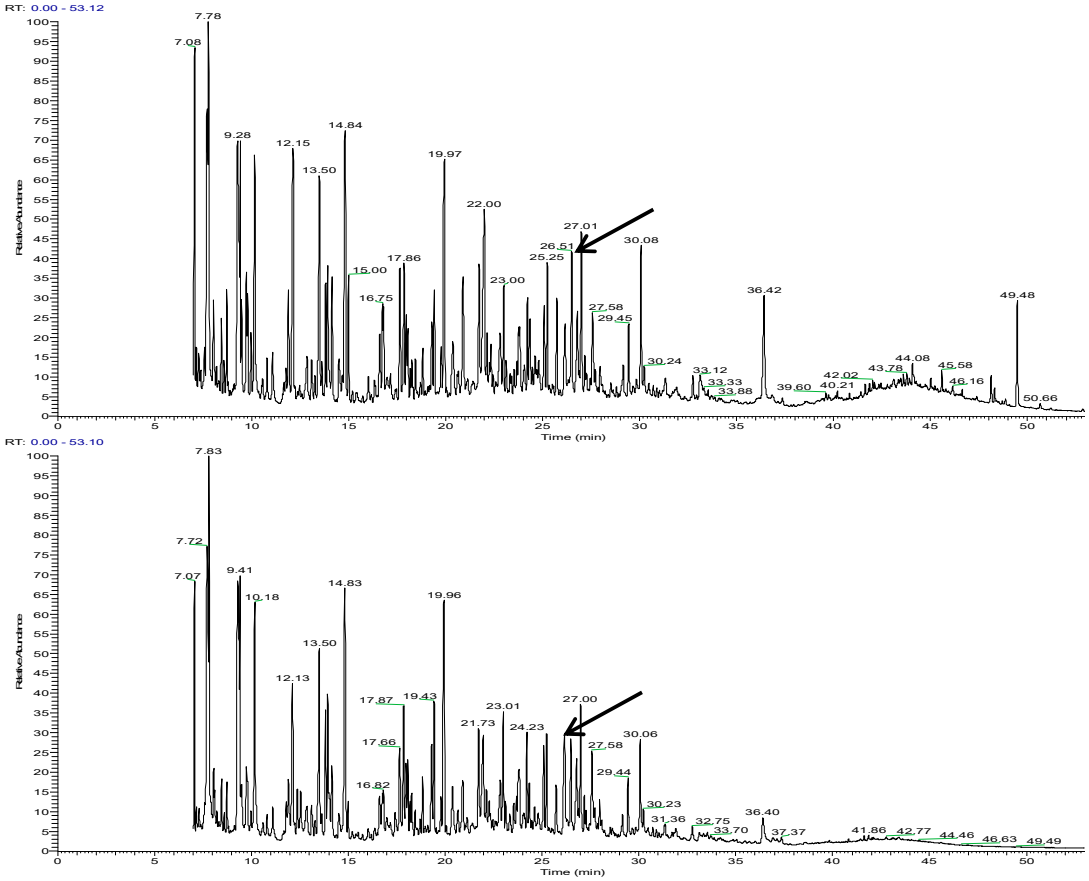


Figure S1. Chromatograms for control samples: up – not degraded, down – after thermal degradation.

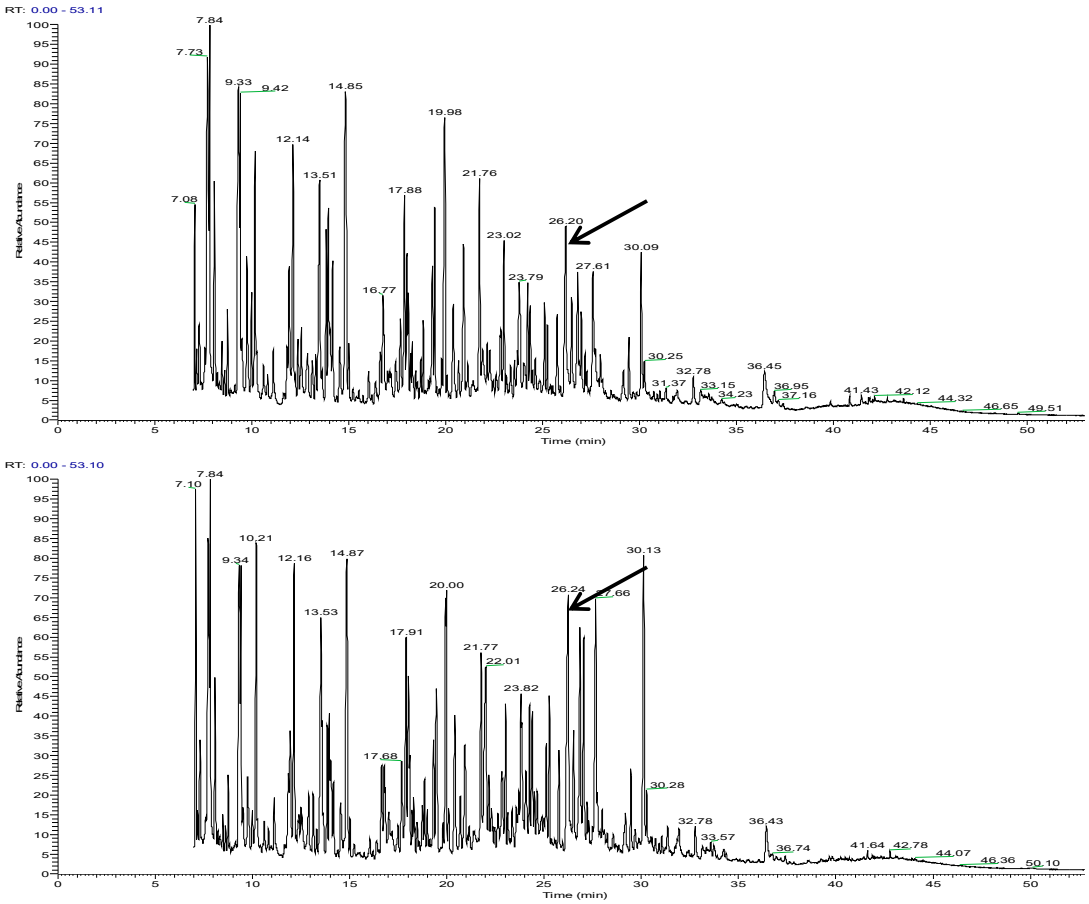


Figure S2. Chromatograms for samples treated with guanidine carbonate 5%: up – not degraded, down – after thermal degradation.

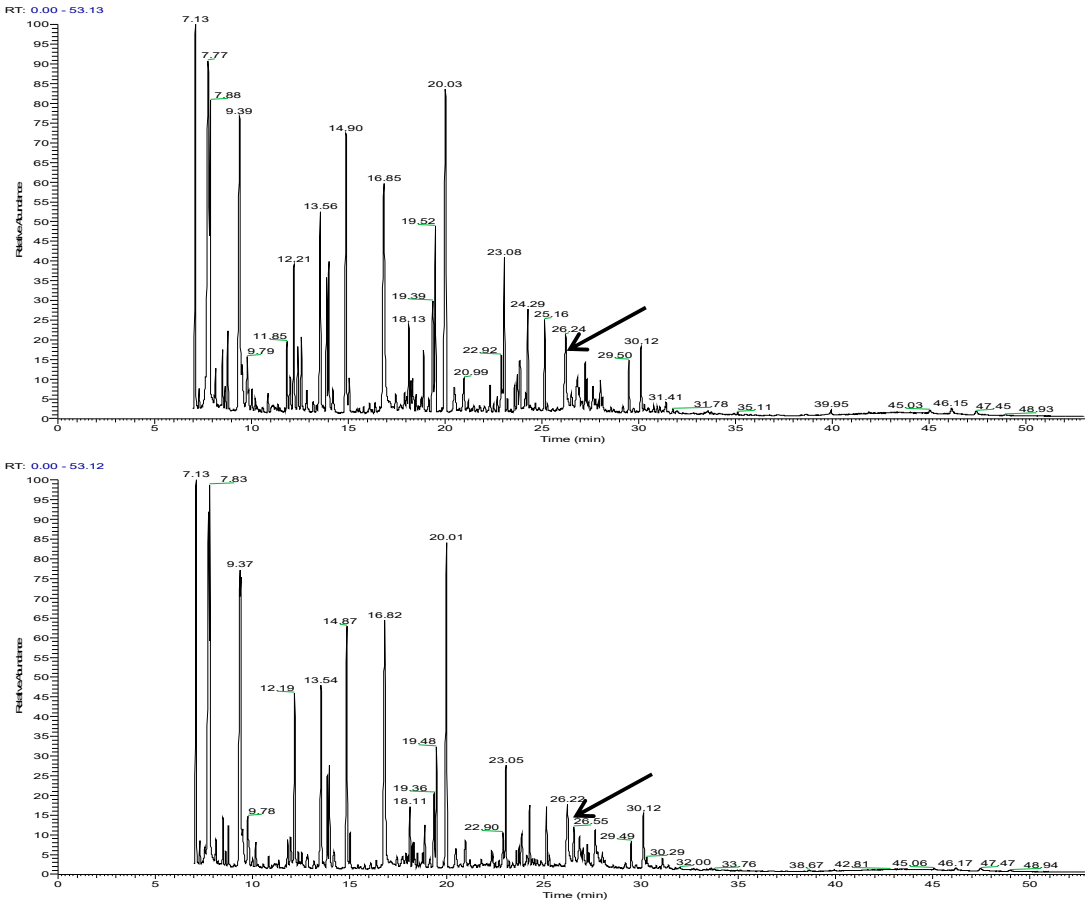


Figure S3. Chromatograms for samples treated with guanidine carbonate and diammonium phosphate 5%: up – not degraded, down – after thermal degradation.

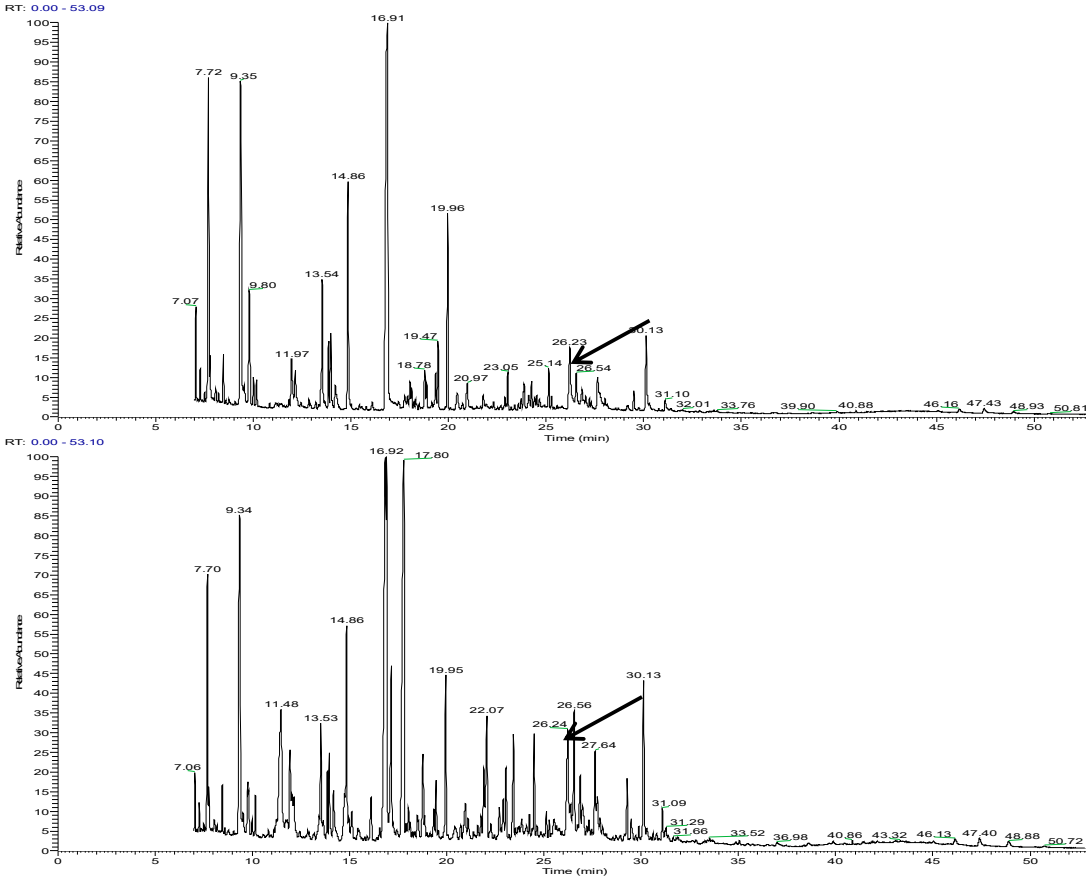


Figure S4: Chromatograms for samples treated with guanidine carbonate and diammonium phosphate 10%: up – not degraded, down – after thermal degradation.

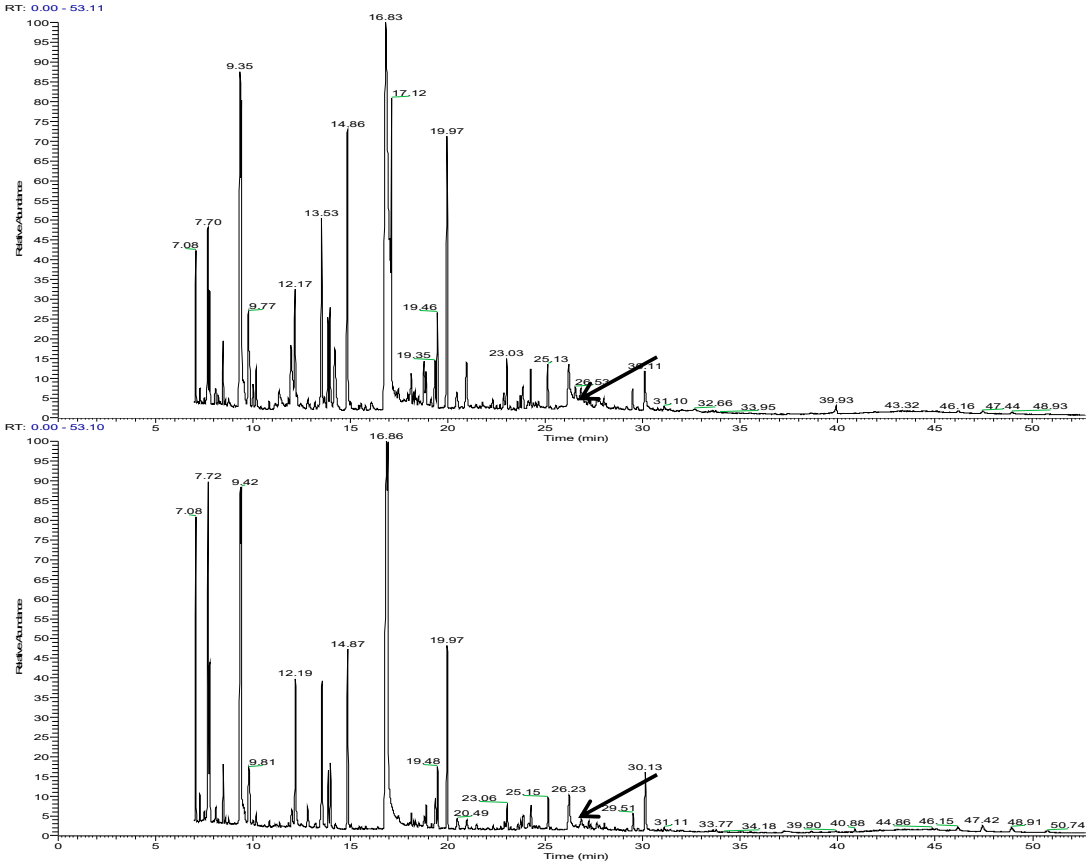


Figure S5. Chromatograms for samples treated with diammonium phosphate 5%: up – not degraded, down – after thermal degradation.

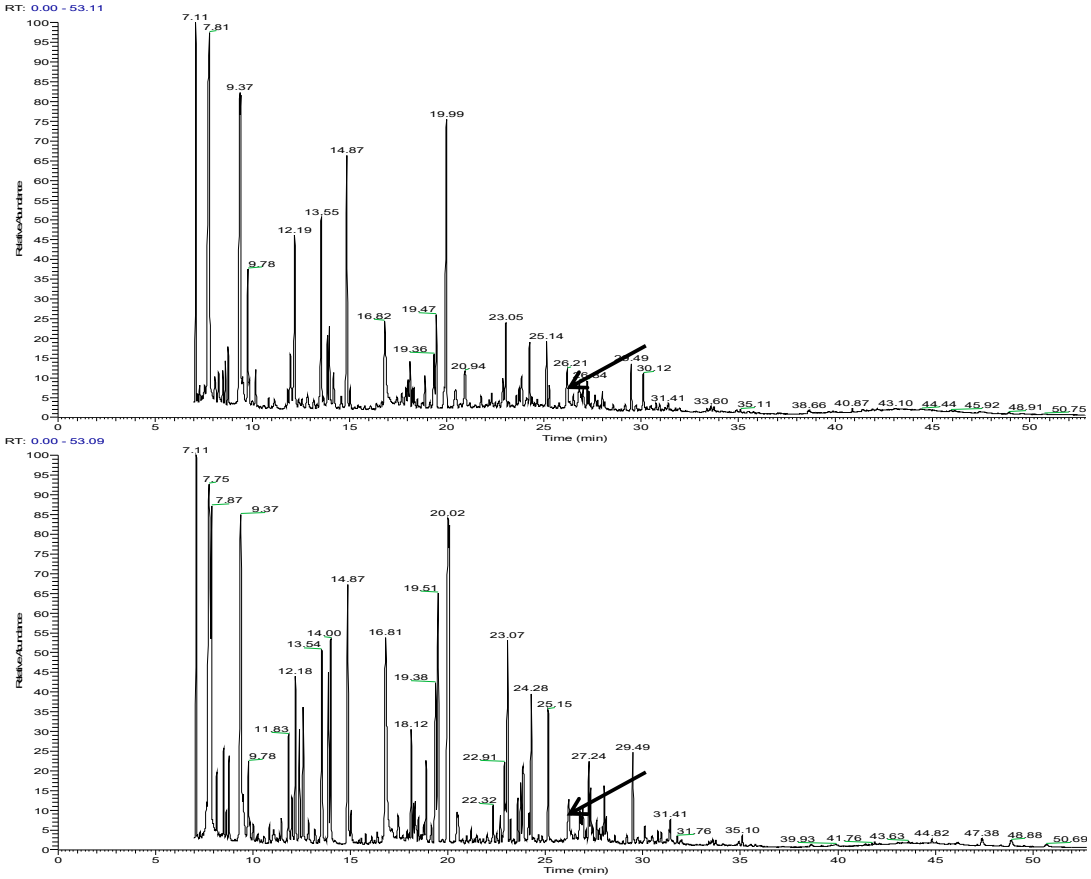


Figure S6. Chromatograms for samples treated with urea 5%: up – not degraded, down – after thermal degradation.

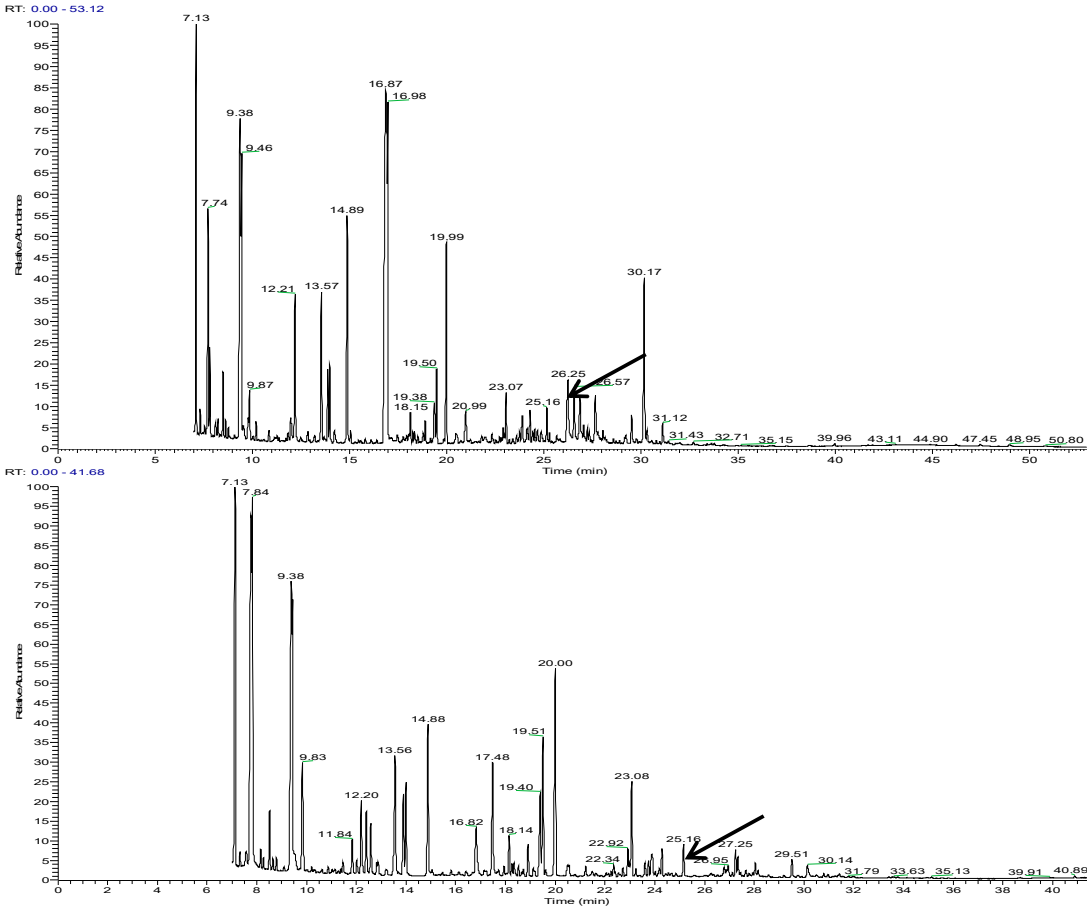


Figure S7. Chromatograms for samples treated with urea and diammonium phosphate 5%: up – not degraded, down – after thermal degradation.