



Environmental: Personal care products in river water

No complex method development

Comprehensive analysis

Ensures water quality

- Personal care products pose a rising concern as a contaminant in post water treatment river waters
- Existing protocols require lengthy SPE work up followed by LC, LC/MS or GC/MS analysis
- 10 ppb spiked river samples simply filtered, 10 mM ammonium formate added, and pipetted onto a mesh
- DSA-TOF analysis confirms presence of personal care products and pesticides, with high mass accuracy
- The analysis was performed in 15 seconds with minimal sample preparation and external calibration

