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Evaluation of antimicrobials residues in farmed gilthead seabream (*Sparus aurata*) after administration through medicated feed

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Highlights

- Aquaculture feeding conditions led to retention times higher than previous reports.
- Oxytetracycline levels were the highest through time, while Flumequine presented the lowest.
- Sulfadiazine presented the highest peak after feeding, with a rapid decrease through time.
- Trimethoprim and oxolinic acid concentrations decreased below the MRL 3 days after administration.