

# Contaminant Quantification for Suspect and Non-Target Screening

## Challenge

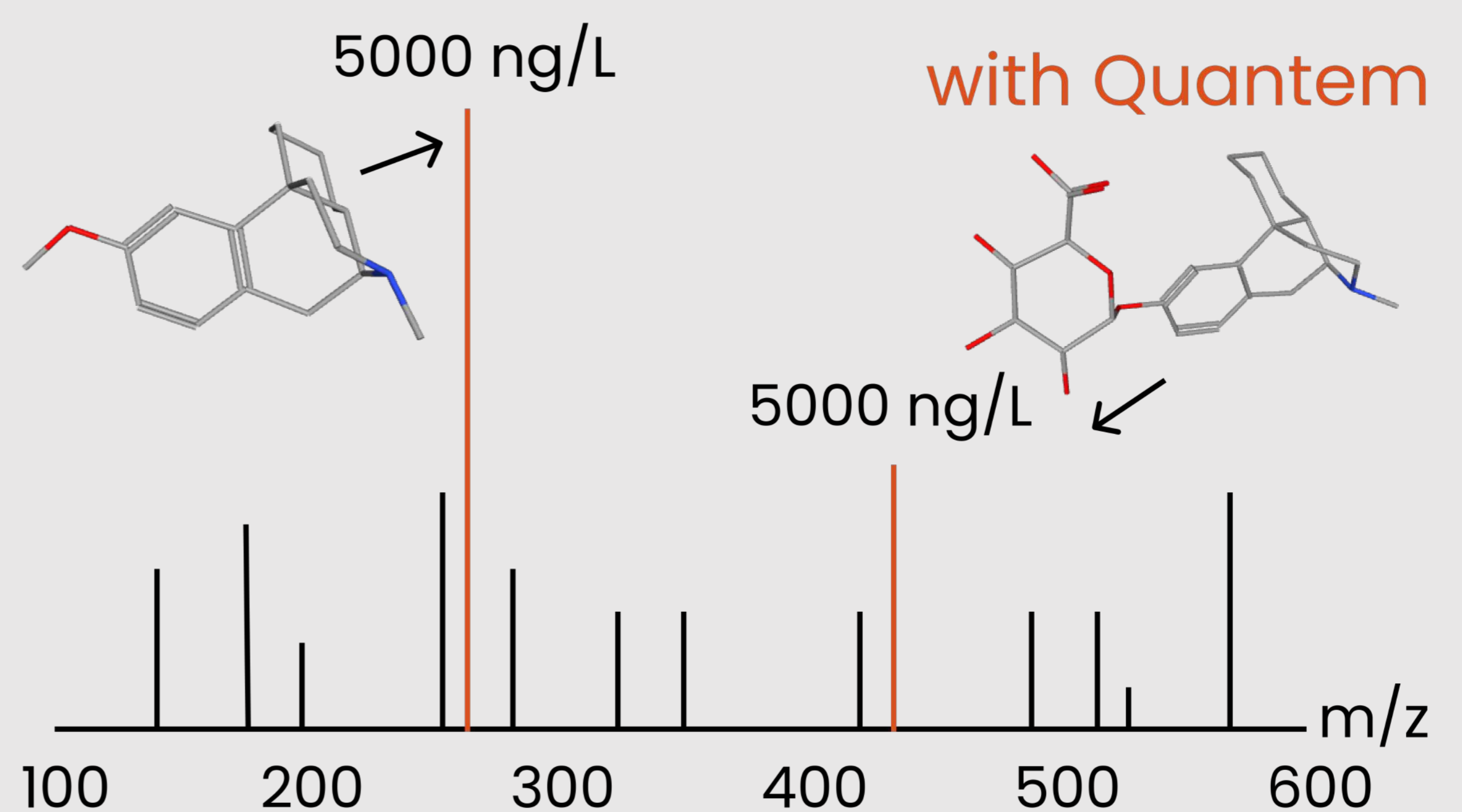
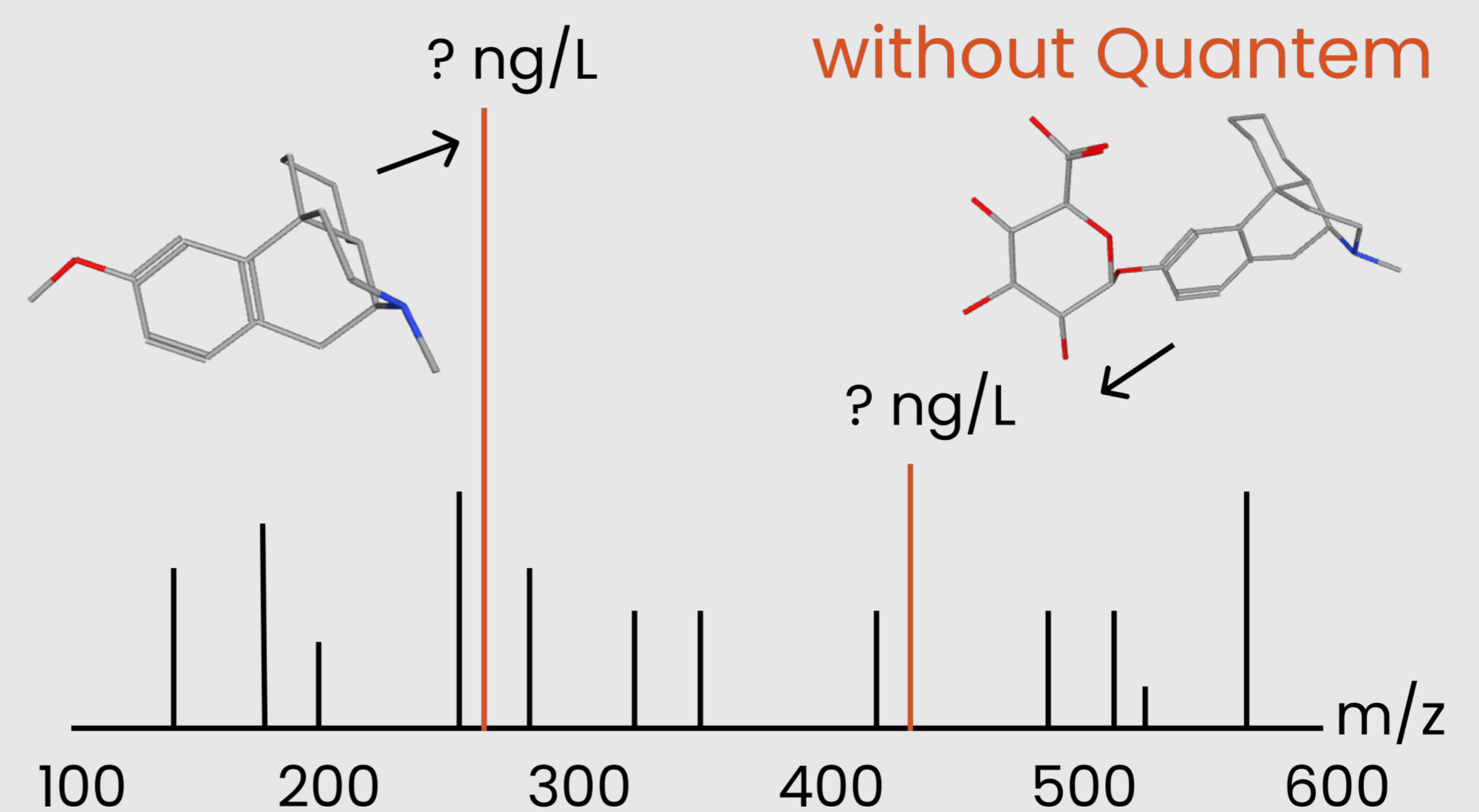
When analyzing your samples for toxicological safety, you can detect peaks and identify compounds holistically. However, estimating the concentration from MS signals of close-eluting / similar compounds or using single point calibration can result in errors as large as tens of millions of times, making it challenging to assess the actual risk accurately.

## Solution

Before investing in standards and embarking on time-consuming method development, turn to Quantem. Our software utilizes a robust model to swiftly estimate concentrations with an average error of 3 times. This level of accuracy provides sufficient certainty to promptly determine whether exact quantification is necessary or if Quantem's estimation indicates the concentration is too low to pose a risk.

## References

- [Comparison of Quantification approaches](#)
- [Sewage sludge in Denmark](#)
- [Sewage water and river water](#)
- [River water in Denmark](#)
- [Ground water in Switzerland](#)
- [PFAS in dolphins](#)
- [Scientific background](#)



## Pricing

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