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Selenium isotope analysis by N-TIMS: Potential and challenges

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Highlights:

- The potential of Se isotope analysis with state-of-the-art TIMS is explored
- Higher Se signals were observed compared to literature data
- The precision of $\delta^{80/78}$Se is distinctly deteriorated by a memory Se signal
- The memory Se represents an accumulation of previous Se measurements
- TIMS Se isotope analysis could potentially improve precision of ICPMS approaches