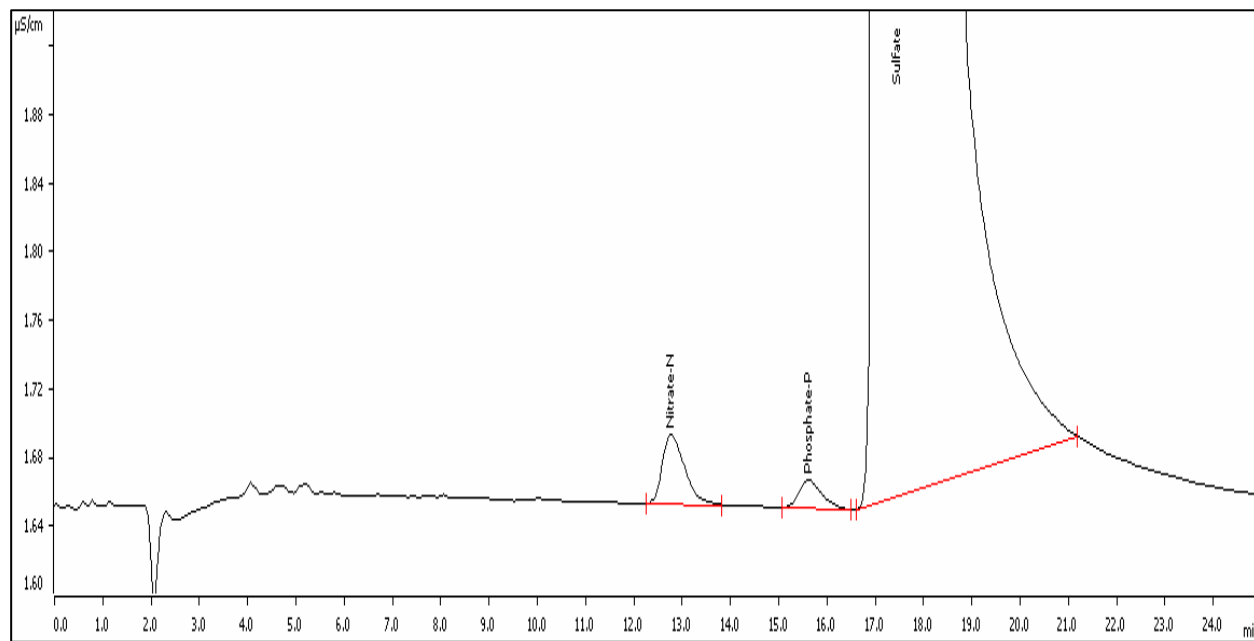


Total Nitrogen and Phosphorus by ASTM D8001 Ion Chromatography – A convenient solution



Analysis of total nitrogen in environmental samples has long been a time consuming process.

The use of ion chromatography not only removes a number of the time consuming steps it also allows the quantification of phosphorus.

Typical analysis of total nitrogen requires a distillation followed by colorimetric determination. As distillation is a tedious process and not reproducible, errors are easily introduced.

ASTM D8001 provides a simple solution for simultaneous determination of total nitrogen and sulfur:

Key Advantages;

- Simplified sample preparation
- Low operation costs
- Reproducible results
- Low detection limits
- Multiple parameters in one analysis



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