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Differentiation of modern and ancient varieties of common wheat by quantitative capillary electrophoretic profile of phenolic acids

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Highlights

- A fast CZE method was developed and validated for analysis of six phenolic acids
- Quantitation was performed in soluble and bound fractions of wheat varieties
- Phenolic acids profiles of modern and old varieties of wheat were determined
- Old genotypes were found to contain significantly higher amounts of phenolic acid
- PCA data treatment allowed differentiation between modern and old genotypes

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