

Conclusions

Detection and quantification of triazine herbicides using the compact Axcend Focus LC coupled to an Agilent Ultivo triple quadrupole mass spectrometer with microflow nebulizer was demonstrated. Components of a mixture of seven triazine herbicides (alachlor, atrazine, cyanazine, metolachlor, metribuzin, prometryne, and simazine) were identified and quantified by mass spectrometry using multiple reaction monitoring in the positive polarity mode. Further optimization of this method is likely possible.



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