

Mycotoxins Analyzed with LCMS – Extended AppNote

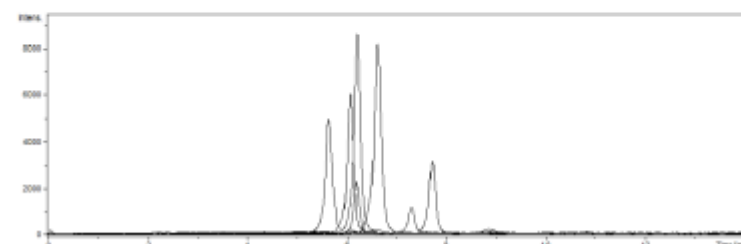
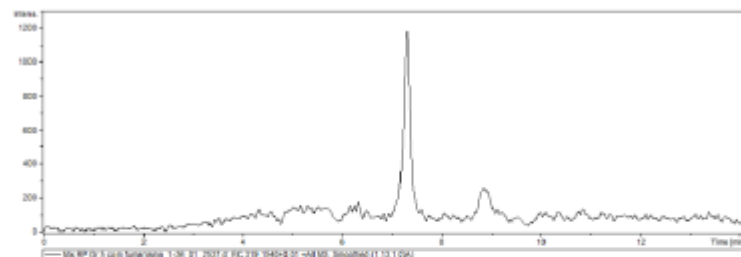
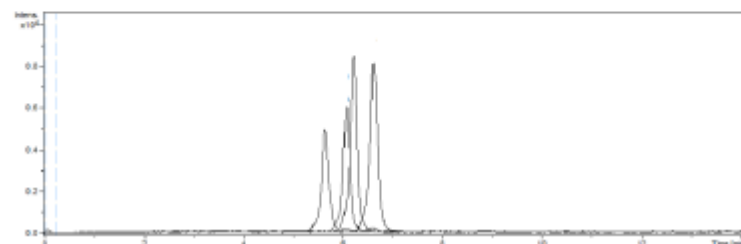
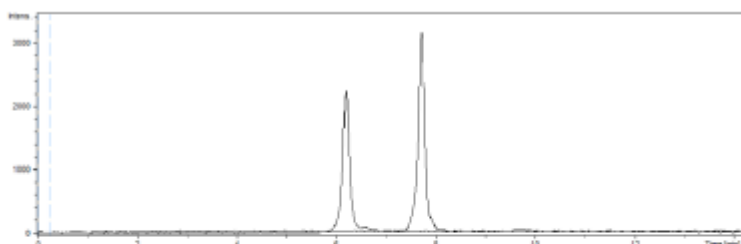
Ochratoxin A, Zearalenone, Patulin, Aflatoxin B1, B2, G1+G, Fumonisin B1

Click [HERE](#) for Column Ordering Information.

The detection of Mycotoxins has been an area of increasing focus in ensuring human health due to their high toxicity even at low concentrations. These chemicals are produced by various species of mold, including *Aspergillus*, *Penicillium*, *Paecilomyces*, and *Fusarium* types. Exposure can come from ingestion of infested food products or, in the case of fungal species found in the home and office, inhalation.

If left unaddressed, the issue of mold-contaminated foodstuffs can produce serious effects for the consumer. Such instances have occurred in places like Kenya and India, where hundreds have died from eating infected crops. The detection of these compounds in food matrices is therefore of critical importance.

In this Extended AppNote, Cogent™ Columns are used to Separate Mycotoxin standards and may be applied to various food matrices encountered in industry.



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Attachment

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