Multi-mycotoxin stable isotope dilution LC-MS/MS method for 
*Fusarium* toxins in cereals

Katharina Habler and Michael Rychlik

Table S-1 Binary gradient for negative ESI mode

Table S-2 Binary gradient for positive ESI mode

Table S-3 Ion source parameter for positive and negative ESI mode

Table S-4 LC-MS/MS parameters in positive and negative ESI MRM mode

Fig. S-1 Fragmentation spectra of deoxynivalenol (DON) and DON-3-glucoside (D3G) in the positive ESI mode (DP = 50 V, CE = 20 V, EP = 10 V, and CXP = 10 V)
Table S1. Binary gradient for negative ESI mode

<table>
<thead>
<tr>
<th>Time [min]</th>
<th>A [%] H2O + 0.1 % formic acid</th>
<th>B [%] MeOH +0.1 % formic acid</th>
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Table S2. Binary gradient for positive ESI mode

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<th>B [%] MeOH +0.1 % formic acid</th>
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Table S3. Ion source parameter for positive and negative ESI mode

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<tr>
<th></th>
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<td>Curtain gas [psi]</td>
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<td>Medium</td>
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<td>Ion spray voltage [eV]</td>
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<td>Spray gas [psi]</td>
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<td>Dry gas [psi]</td>
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<tr>
<td>Temperature [°C]</td>
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<td>525</td>
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Table S4. LC-MS/MS parameters in the positive (upper part of the table) and negative (lower part of the table) ESI MRM mode

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<th>Analyte</th>
<th>Precursor ion m/z</th>
<th>Production m/z</th>
<th>Retention time [min]</th>
<th>Declustering Potential [V]</th>
<th>Entrance Potential [V]</th>
<th>Collision Energy [V]</th>
<th>Cell Exit Potential [V]</th>
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<sup>a</sup> Quantifier
<sup>b</sup> Qualifier
Fig. S1.

D3G
297.2 → 249.2
297.2 → 231.5

DON
297.2 → 249.2
297.2 → 231.5