

Electronic supplementary information for
Simultaneous Preparation and Characterization of Three
High-purity Type B Fumonisin from Maize Culture†

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Fig. 1S ^1H and ^{13}C NMR spectra of the prepared compound I, compound II and compound III

(A) ^1H NMR spectra of compound I (B) ^{13}C NMR spectra of compound I

(C) ^1H NMR spectra of compound II (D) ^{13}C NMR spectra of compound II

(E) ^1H NMR spectra of compound III (F) ^{13}C NMR spectra of compound III

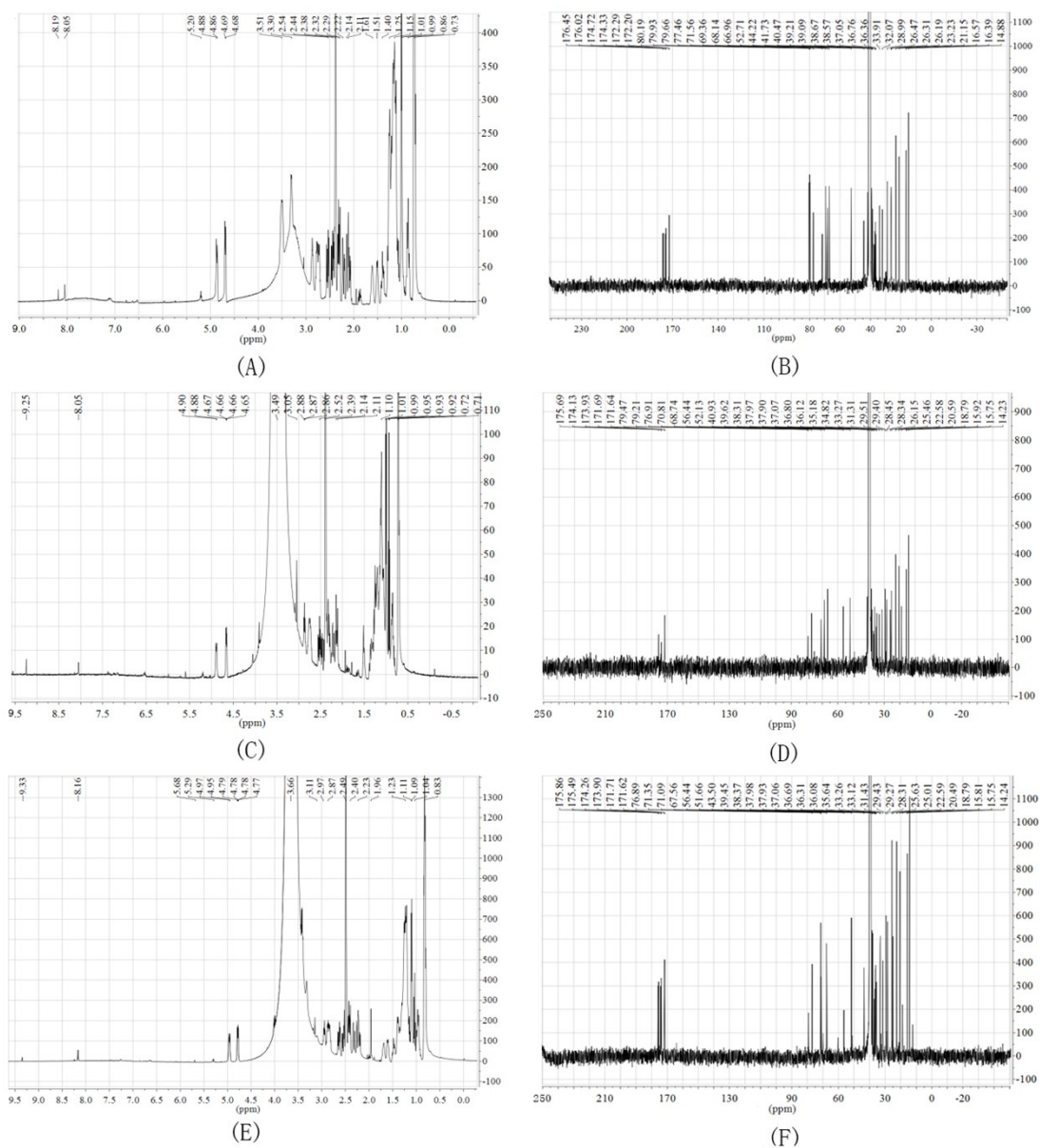


Table 1S ^1H and ^{13}C chemical shift for the prepared compound I (FB₁), compound II (FB₂) and compound III (FB₃)

Carbon	Compound I		Compound II		Compound III		Carbon	Compound I		Compound II		Compound III	
	^1H	^{13}C	^1H	^{13}C	^1H	^{13}C		^1H	^{13}C	^1H	^{13}C	^1H	^{13}C
1	1.27 (d, 6.7)	16.40	0.93-1.02 (m)	15.67	1.10 (d, 7.0)	15.75	18	1.18 (m)	29.00		29.45		29.27
2	3.14 (dq, 6.7, 6.8)	52.71	2.85 (qd, 6.8, 6.7)	52.13		51.66	19	1.19 (m)	21.15		22.58		22.59
3		69.36	3.12 (m)	69.74	3.34 (m)	71.09	20		14.88	0.93-1.02 (m)	14.24		14.24
4		41.73		39.31		39.37	21	0.73 (d, 6.6)	23.23		15.92		15.91
5		66.96		56.44		56.44	22	0.75 (d, 6.7)	16.57		20.59		20.50
6	1.20-1.37 (m)	38.67		37.07		37.06	23		172.30		171.69		171.71
7		26.20		25.46		25.01	24		37.05	2.53 (dd, 16.5, 7.0)	33.28	2.64 (td, 16.5, 7.0)	33.26
8		26.31		26.15		25.63	25		39.21		37.97		37.98
9		38.57		36.80	1.41 (m)	36.69	26		37.96	2.24 (d, 9.0)	36.12	2.34 (d, 4.0)	36.31
10		68.14	0.93-1.02 (m)	66.49		67.56	27		174.72		174.12		174.26

11		44.22		40.93		43.50	28		176.45	175.70	175.96
12		26.47		29.34		28.31	29		172.20	171.64	171.62
13		36.76		31.31		33.12	30		37.37	35.18	36.09
14	4.87 (d, 10)	71.56	4.88 (d, 9.5)	70.76	4.96 (d, 10)	71.35	31		39.09	37.90	37.93
15	4.69 (dd, 5.8, 3.7)	77.46	4.65 (dd, 7.5, 4.5)	76.91	4.78 (dd, 8.0, 3.5)	76.99	32		37.36	34.82	35.64
16		33.91	0.93-1.02 (m)	29.51		31.43	33		174.33	173.93	173.90
17		32.07		29.40		29.43	34		176.02	175.55	175.49