

Autotoxicity in *Panax notoginseng* of Root Exudates and their Allelochemicals

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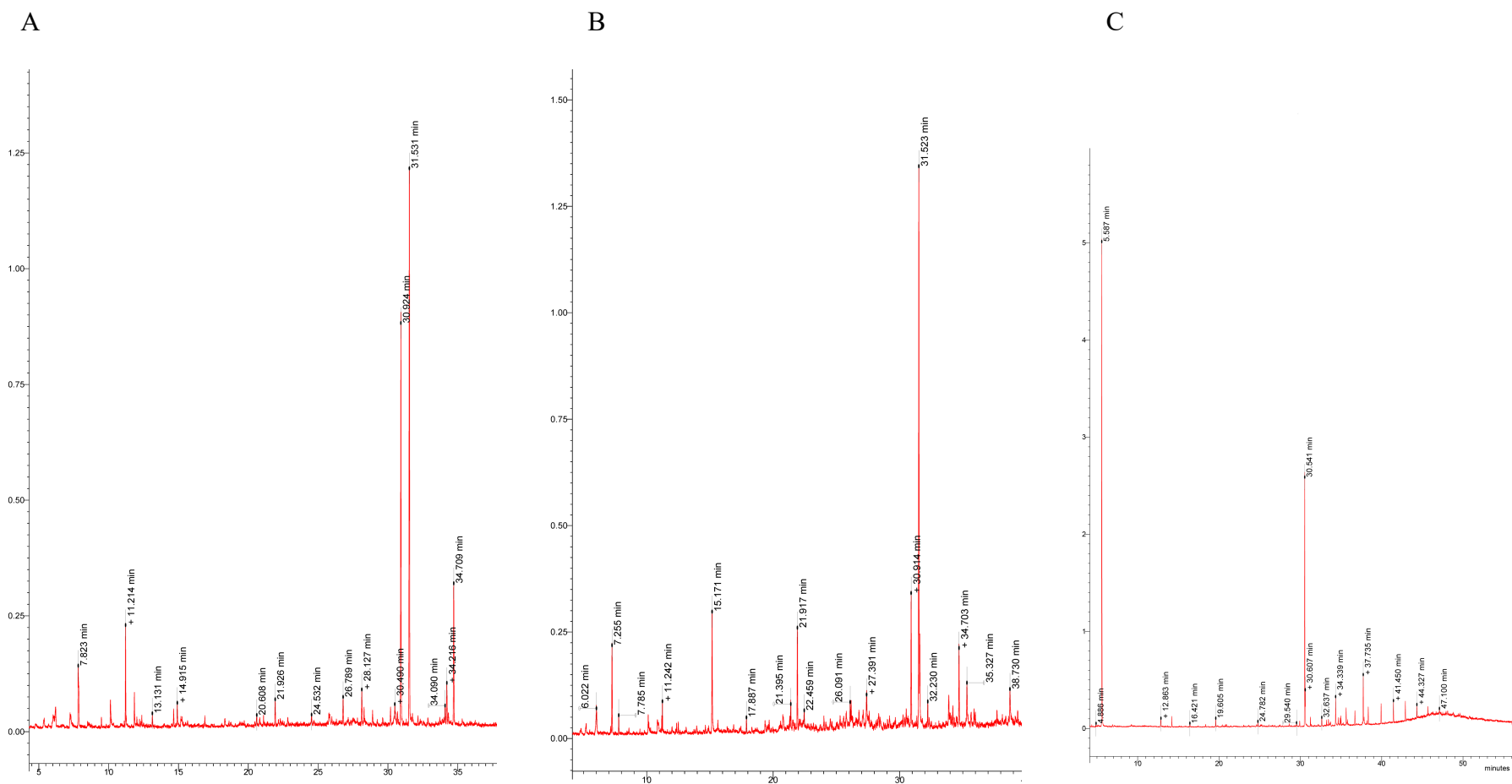
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Supplementary Table 1. Relative peak area percentage of total (%) for 44 identified compounds*.

Peaks ID	US-1	US-1	US-1	CS-1	CS-2	CS-3	RE-1	RE-2	RE-3
1	-	-	-	-	-	-	23.49	13.95	3.36
2	-	-	-	-	-	-	0.36	1.04	-
3	-	-	-	-	-	-	-	1.29	-
4	-	-	-	-	-	-	0.49	1.54	-
5	-	-	-	-	10.44	-	-	-	-
6	-	-	-	-	-	-	0.23	0.73	-
7	-	-	-	-	-	-	12.23	15.98	1.31
8	-	-	-	-	-	-	-	1.11	-
9	-	-	-	-	1.22	-	-	-	-
10	-	-	-	-	-	-	0.22	0.92	-
11	-	-	-	-	-	-	-	0.90	-
12	0.84	0.88	0.88	-	-	-	5.47	-	2.33
13	2.37	1.93	1.84	-	7.93	-	-	-	-
14	-	-	-	-	1.20	-	-	-	-
15	-	-	-	-	1.44	-	-	-	-
16	-	-	-	-	1.11	-	-	-	-
17	-	-	-	-	-	-	-	1.07	-
18	2.01	1.79	1.94	3.82	-	3.22	-	-	-
19	-	-	-	2.84	-	-	-	-	-
20	-	-	-	-	3.44	-	-	-	-
21	1.27	1.11	1.22	2.30	-	2.07	-	-	-
22	2.44	2.20	2.39	-	-	-	-	-	-
23	0.91	2.89	0.89	-	-	-	-	-	-

24	1.36	1.22	1.12	-	-	-	-	-	-
25	0.21	1.33	1.46	-	-	-	-	-	-
26	37.34	44.39	42.72	24.53	43.26	43.07	43.33	44.06	69.70
27	-	-	-	11.34	7.56	11.45	1.79	7.50	8.54
28	3.97	0.97	1.07	-	-	-	-	-	-
29	29.13	25.62	28.51	27.33	9.20	23.06	1.49	-	1.54
30	-	-	-	2.80	-	-	-	-	-
31	-	-	-	-	1.87	-	2.18	-	2.50
32	-	-	-	-	-	-	-	0.96	0.89
33	-	-	-	-	-	-	-	1.38	-
34	2.18	2.17	1.45	1.66	-	1.56	-	-	-
35	3.82	2.94	3.20	2.09	-	1.86	-	-	-
36	1.09	0.90	0.99	-	1.62	-	-	-	-
37	-	-	-	5.60	3.85	5.20	6.68	6.23	7.66
38	11.07	9.66	10.32	8.61	5.88	8.52	-	-	-
39	-	-	-	-	-	-	1.36	-	2.16
40	-	-	-	-	-	-	-	1.33	-
41	-	-	-	1.56	-	-	-	-	-
42	-	-	-	2.09	-	-	-	-	-
43	-	-	-	1.96	-	-	0.68	-	-
44	-	-	-	1.48	-	-	-	-	-

* The data of each compound were the average of three parallel samples and normalized by peak area normalization method. US represents the uncultivated soil; CS represents the continuously cultivated soil; RE represents the root exudates from hydroponics. -: without detection.



Supplementary Figure 1. GC-MS total ion chromatograms (TIC) of the soil and root exudates sample.

(A) uncultivated soil (B) continuously cultivated soil (C) root exudates from hydroponics.