

S6 Table. Analysed concentrations of the compounds in substrate, larvae and residual material (consisting of larval excreta + residual feed) in Exp. 1 (mg/kg). Mean and standard deviation (n = 3).

Substance name(s)	Analysed concentration in substrate (mg/kg)	Analysed concentration larvae (mg/kg)	Analysed concentration residual material (mg/kg)
Chlorpyrifos	0.03	POS (<0.005)	0.034 ± 0.004
Propoxur	0.05	<LOQ (0.001)	0.017 ± 0.007
Imidacloprid	0.1	POS (<0.005)	0.036 ± 0.005
Spinosad	1.4	0.122 [1]	1.731 ± 0.234
Tebufenozide	0.05	POS (<0.001)	0.020 ± 0.004
Cypermethrin	0.2	0.118 ± 0.018	0.927 ± 0.047
Piperonyl butoxide	6.3	0.026 ± 0.004	1.764 ± 0.136
Cypermethrin + Piperonyl butoxide	0.3 5.6	0.043 ± 0.008 0.065 ± 0.024	0.758 [1] 8.654 ± 0.724

<LOQ: below level of quantification (LOQ value indicated in brackets).

POS: positive value for the concentration, but could not be quantified (LOQ value indicated in brackets).

[1] Mean of two values.