**Supplementary Material**

**Table S1.** Experimental conditions for GC-MS/MS in the multiple reaction monitoring mode

| Pesticide | Retention time (min) | Precursor ion (m/z) | Product ion (m/z) | Collision Energy (eV) |
|---|---|---|---|---|
| 2,4′-DDD | 11.54 | 237 | 165 | 35 |
| | | 235 | 165 | 35 |
| 2,4′-DDE | 11.00 | 248 | 176 | 45 |
| | | 246 | 176 | 45 |
| 2,4′-DDT | 11.54 | 237 | 165 | 35 |
| | | 235 | 165 | 35 |
| 4,4′-DDD | 11.54 | 237 | 165 | 35 |
| | | 235 | 165 | 30 |
| 4,4′-DDE | 11.00 | 248 | 176 | 45 |
| | | 246 | 176 | 45 |
| 4,4′-DDT | 13.12 | 237 | 165 | 35 |
| | | 235 | 165 | 35 |
| Acetochlor | 9.55 | 223 | 132 | 35 |
| | | 146 | 130 | 35 |
| Alachlor | 9.68 | 237 | 160 | 10 |
| | | 188 | 160 | 10 |
| Aldrin | 10.18 | 263 | 193 | 45 |
| | | 263 | 191 | 45 |
| Ametryn | 9.66 | 227 | 185 | 5 |
| | | 227 | 170 | 15 |
| Atrazine | 8.62 | 215 | 200 | 10 |
| | | 215 | 58 | 15 |
| α-BHC | 8.40 | 217 | 181 | 10 |
| | | 181 | 145 | 20 |
| β-BHC | 8.40 | 217 | 181 | 10 |
| | | 181 | 145 | 20 |
| γ-BHC | 8.40 | 217 | 181 | 10 |
| | | 181 | 145 | 20 |
| Boscalid | 16.57 | 140 | 112 | 15 |
| | | 140 | 76 | 35 |
| Buprofezin | 11.53 | 175 | 132 | 15 |
| | | 172 | 57 | 15 |
| Carfentrazone-ethyl | 12.47 | 340 | 312 | 15 |
| | | 312 | 151 | 30 |
| α-Chlordane | 11.17 | 375 | 266 | 35 |
| | | 373 | 266 | 30 |
| β-Chlordane | 10.97 | 375 | 266 | 35 |
| | | 373 | 266 | 35 |

| | | | | |
|---|---|---|---|---|
| Chlorothalonil | 9.17 | 266 | 231 | 25 |
| | | 266 | 170 | 35 |
| Chlorpyrifos | 10.19 | 314 | 258 | 25 |
| | | 199 | 171 | 20 |
| Cypermethrin | 16.59 | 165 | 91 | 15 |
| | | 163 | 127 | 5 |
| Deltamethrin | 18.10 | 253 | 174 | 10 |
| | | 253 | 93 | 25 |
| Dieldrin | 11.50 | 265 | 193 | 45 |
| | | 263 | 193 | 45 |
| Dimethametryn | 10.56 | 212 | 94 | 30 |
| | | 212 | 68 | 45 |
| Diphenylamine | 7.82 | 169 | 168 | 20 |
| | | 168 | 167 | 30 |
| Endosulfan sulfate | 12.17 | 272 | 237 | 20 |
| | | 270 | 235 | 20 |
| | | 239 | 204 | 20 |
| $\alpha$-Endosulfan | 11.14 | 241 | 206 | 20 |
| | | 205 | 170 | 20 |
| β-Endosulfan | 11.97 | 207 | 172 | 20 |
| | | 205 | 170 | 20 |
| Endrin | 11.50 | 263 | 193 | 45 |
| | | 263 | 191 | 45 |
| Fenitrothion | 9.93 | 277 | 260 | 5 |
| | | 277 | 109 | 20 |
| Fipronil | 10.68 | 367 | 255 | 15 |
| | | 367 | 213 | 35 |
| Heptachlor | 9.74 | 274 | 237 | 20 |
| | | 272 | 237 | 20 |
| Heptachlor epoxide (cis) | 10.73 | 353 | 253 | 20 |
| | | 217 | 182 | 30 |
| Heptachlor epoxide (trans) | 10.73 | 353 | 253 | 25 |
| | | 217 | 182 | 30 |
| Hexachlorobenzene | 8.51 | 284 | 249 | 25 |
| | | 284 | 214 | 45 |
| Iprobenfos | 9.25 | 204 | 121 | 45 |
| | | 204 | 91 | 10 |
| Isoprothiolane | 11.30 | 231 | 189 | 10 |
| | | 189 | 89 | 25 |
| Mirex | 14.93 | 272 | 237 | 20 |
| | | 272 | 143 | 50 |
| | | 270 | 235 | 20 |
| Nonachlor (cis) | 11.23 | 409 | 300 | 25 |
| | | 407 | 109 | 25 |
| Nonachlor (trans) | 11.23 | 407 | 300 | 30 |
| | | 407 | 263 | 30 |
| Oxadiazon | 11.41 | 258 | 175 | 10 |

| | | | | |
|---|---|---|---|---|
| | | 175 | 112 | 20 |
| Pendimethalin | 10.60 | 194 | 208 | 5 |
| | | 252 | 162 | 10 |
| Permethrin | 15.74 | 183 | 168 | 20 |
| | | 183 | 155 | 10 |
| Prometryn | 9.70 | 241 | 199 | 5 |
| | | 241 | 184 | 15 |
| Tebuconazole | 12.97 | 252 | 127 | 30 |
| | | 250 | 125 | 30 |
| Terbutryn | 9.87 | 241 | 185 | 5 |
| | | 185 | 170 | 10 |
| Tetraconazole | 10.27 | 336 | 218 | 25 |
| | | 336 | 204 | 40 |
| Thifluzamide | 11.86 | 194 | 166 | 15 |
| | | 194 | 125 | 35 |
| Trifluralin | 8.33 | 306 | 264 | 10 |
| | | 264 | 206 | 5 |