LIST OF ABBREVIATIONS

AChE - Acetylcholinesterase
ADI - Acceptable daily intake
AOAC - Associations of Analytical Communities
ASE - Accelerated solvent extraction
BHC - Benzene hexachloride
CGC - Capillary gas chromatography
CODEX - Codex Alimentarius Commission
DDT - Dichloro diphenyl trichloroethane
EC - European Commission
ELISA - Enzyme-linked immunosorbent assay
EPA - Environmental Protection Agency
EU - European Union
FAO - Food and Agriculture Organization
FTD - Flame therionic detection
FTIR - Fourier transform infrared
GAP - Good agricultural practice
GCB - Graphitized carbon black
GC-ECD - Gas chromatography-electron capture detection
GC-FID - Gas chromatography-flame ionization detection
GC-FPD - Gas chromatography-flame photometric detection
GC-NPD - Gas chromatography-nitrogen phosphorus detection
GC-MS - Gas chromatography-mass spectrometry
GC-SMB-MS - Supersonic molecular beam GC-MS
GDP - Gross domestic product
GPC - Gel permeation chromatography
g a.i. ha\(^{-1}\) – Gram active ingredients per hectare
HCB - Hexachloobenzene
HCH - Hexachlorohexane
HPLC - High performance liquid chromatography
HS - Headspace
IA - Immunoassays
IPM - Integrated Pest Management
Kow - Octanol-water partition coefficient
LC-MS - Liquid chromatography-mass spectrometry
LD50 - Lethal dose needed to kill 50% of the test animals
LLE - Liquid-liquid extraction
LOD - Limits of detection
LOQ - Limits of quantification
MRL - Maximum Residue Level
MRM - Multireidue method
MSPD - Matrix solid-phase dispersion
NP - Normal-phase
ND - Not Detected
OC - Organochlorine
ODS - Octadeylsiloxane
OP - Organophosphate
POP - Persistent organic pollutant
PSA - Primary secondary amine
RF - Response Factor
RP - Reversed-phase
RSD - Relative standard deviation
Rt - Retention time
SFC - Supercritical fluid chromatography
SFE - Supercritical fluid extraction
SIM - Selected ion monitoring
S/N - Signal-to-noise
SPC - Solid phase cleanup
SPE - Solid-phase extraction
SPME - Solid-phase microextraction
SRM - Single residue method
TLC - Thin layer chromatography
TOF - Time-of-flight
WHO - World Health Organization
WP - Wettable powder