

LIST OF ABBREVIATIONS

SPE	solid phase extraction
HPLC	high performance liquid chromatography
UPLC-MS/MS	Ultra Performance Liquid Chromatography and tandem mass spectrometry
EU	European Union
WFD	EU Water Framework Directive
LOQ	limits of quantification
LOD	limits of detection
WHO	World Health Organisation
IARC	International Agency for Research on Cancer
US EPA	United States Environmental Protection Agency
UK EA	United Kingdom Environmental Agency
Ger EA	Federal German Environmental Agency
WWF	World Wide Fund for nature
OSPAR	Oslo Paris Commission
FEPA	Food and Environment Protection Act
ATR	Atrazine
SIM	Simazine
CYA	Cyanazine
PRO	Propazine
IPU	Isoproturon
DRN	Diuron
ALA	Alachlor
CHL	Chlortoluron
UV/VIS	ultraviolet / visible
ESI	electrospray ionisation
GC	gas chromatography
LC	liquid chromatography
BEH	bridged ethane hybrid
TUV	Tuneable UV
API	Atmospheric Pressure Ionisation
APCI	Atmospheric Pressure Chemical Ionisation

MRM	multiple reaction monitoring
SIR	single ion recording
CNL	constant neutral loss
HLB	hydrophilic-lipophilic-balanced
MCX	mixed-mode cation exchange
HQ	High Quality
DMDCS	dimethyldichlorosilane
Std. Conc	standard concentration
RT	retention time
RRF	relative response factor under
%RSD	percentage relative standard deviation
MDL	method detection limit