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Abbreviations used in the thesis

A	Ampere
ACh	Acetylcholine
AChE	Acetylcholinesterase
AChE*	Deactivated acetylcholinesterase
Ag/AgCl	Saturated Silver/ Silver chloride reference electrode
Ar%	Percent Residual Activity
ATChCl	Acetylthiocholine chloride
ATChI	Acetylthiocholine Iodide
Au	Gold
BSA	Bovine Serum Albumin
^{0} C	Degrees celcius
cm	Centimetre
CA	Chronoamperometry
CV	Cyclic Voltammetry
DTNB	5, 5'-dithiobis (2-nitrobenzoic acid)
En	Enzyme
ET	Electron transfer
Fig.	Figure
FTIR	Fourier Transformed Infra-Red
g	Gram
gdl^{-1}	Gram per decilitre
GC	Gas Chromatography
Gel	Gelatin
Glu	Gluteraldehyde
GOX	Glucose Oxidase
I	Current
I %	Inhibition degree or percentage inhibition
Imax	Maximum current
K_m^{app}	Apparent Michaelis-Menten constant
KCl	Potassium Chloride
LOD	Limit of Detection
Log P	Logarithm of the partition coefficient

M	Molar
mL	Mililitre
mA/M	Miliampere per mole
mM	Millimole
$mmolL^{-1}$	Millimole per litre
mV/s	mille volt per second
NaF	Sodium Fluoride
OCs	Organocarbamates
OPs	Organophosphates
PANI	Polyaniline
PBS	Phosphate Buffer Saline
ppb	Parts per Billion
PPy	Polypyrrole
Pt	Platinum
pH	Acidity or alkalinity of a solution
QET	QuECHERS tandem ethyl aceate transformation
QuEChER	Quick, Easy, Cheap, Rugged, Safe
rpm	Rate per minute
RSD	Relative Standard Deviation
S	Second
S	Substrate
SEM	Scanning Electron Miscroscope
T	Temperature
t	time
TM	Transformed mixture
U	Enzyme unit
UV-VIS	Ultra Violet Visible
V	Volt
Vmax	Maximal rate
WHO	World Health Organization