



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_13199
Title of the Manuscript:	LEVEL OF ORGANOCHLORINE PESTICIDES RESIDUE IN FISH, WATER AND SEDIMENT IN BIU DAM (RESERVOIR) BORNO STATE NIGERIA
Type of the Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Not all necessary corrections were performed, for example: Line 120: Cite the Figure 1 in text Line 251: Place end point Line 260: Remove the parentheses of " (Lanfranchi <i>et al.</i>[1]" Line 284-286: Please clarify, I believe the correct word is "agrees" The titles: Extraction of fish samples and Extraction of sediment samples are changed. Authors should note the difference between internal and external calibration. An internal standard in analytical chemistry is a chemical substance that is added in a constant amount to samples, the blank and calibration standards in a chemical analysis. This substance can be used for calibration by plotting the ratio of the analyte signal to the internal standard signal as a function of the analyte standard concentration. This is done to correct analyte losses during sample preparation. The internal standard is a compound that must be show similar behaviour to the analyte, generally is used deuterated standard. An external standard is like the internal standard (known behaviour), but is not added to the unknown. Rather it is run alone, as a sample, and usually at different concentrations, so you can generate a standard curve. Again, the peak areas are related to the known amounts of external standard run. External standards do not correct for losses that may occur during preparation of the sample, such as extraction, centrifugation, evaporation, etc. Internal standards would correct for this if added to the unknown at the beginning of the sample preparation. If were used an internal standard it should be IDENTIFIED.	Figure 1 inserted as suggested. Noted. Removed. Corrected. Noted and correction effected The internal standard added is pentachlorobenene (PCB198)