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CORRECTION

Correction to: Gamma spectrum analysis for in situ automatic monitoring of radioactivity in seawater

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In the original publication of the article, legends in Figs. 4 and 5 were published incorrectly. The correct versions of Figs. 4 and 5 are provided in this correction.

Under the section "Morphological peak searching", the value "231" in the sentence "channel addresses corresponding to each forward count peak by the search were 39, 231, 376, 465, 641, 715, and 772." should be read as "230". The value "231" in the sentence "Nuclides corresponding to the positive counting peaks of channels 231, 376, 465, 641, 715, and 772 are ^{131}I, ^{137}Cs, ^{54}Mn, ^{60}Co (1173 keV), ^{60}Co (1332.5 keV) and ^{40} K respectively." should be read as "230".

Under the section "Nuclide activity calculation", the sentence "Compared with the nuclide activity via simulation experiment, the maximum activity calculation error is 3%." should be read as "Compared with the nuclide activity via simulation experiment, the maximum activity calculation error is within 3%.".

The original article can be found online at https://doi.org/10.1007/s10967-022-08433-8.

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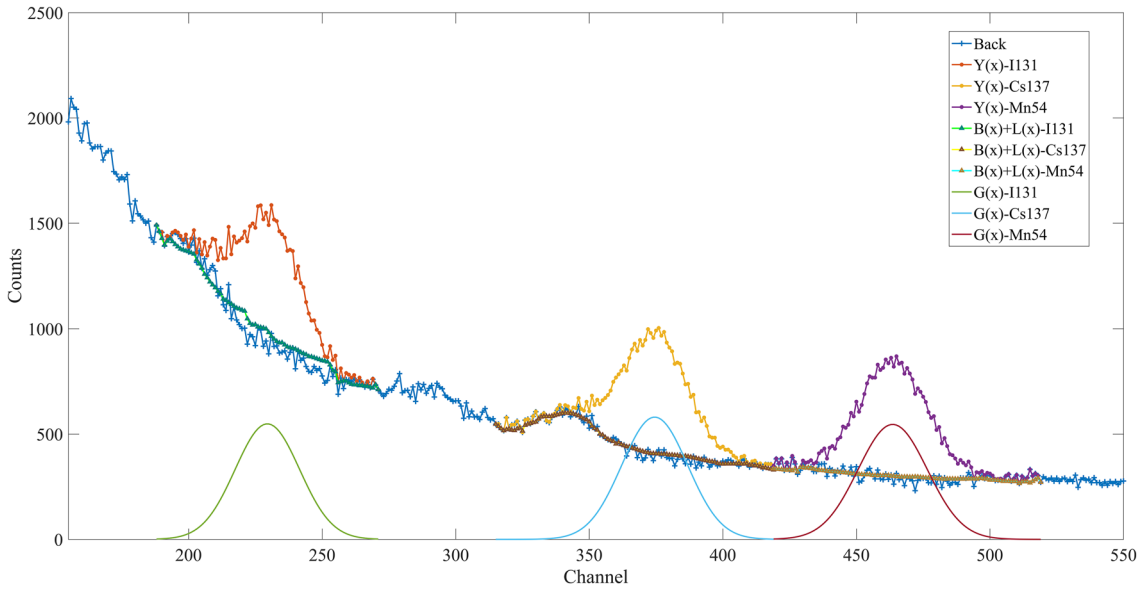

Fig. 4 ^{131}I, ^{137}Cs and ^{54}Mn full-energy peak region fitting. The blue '+' line is background. The dotted lines are ^{131}I, ^{137}Cs and ^{54}Mn spectrum. The triangle lines are $B(x)$ and $L(x)$. The smooth lines are $G(x)$-^{131}I, $G(x)$-^{137}Cs, $G(x)$-^{54}Mn

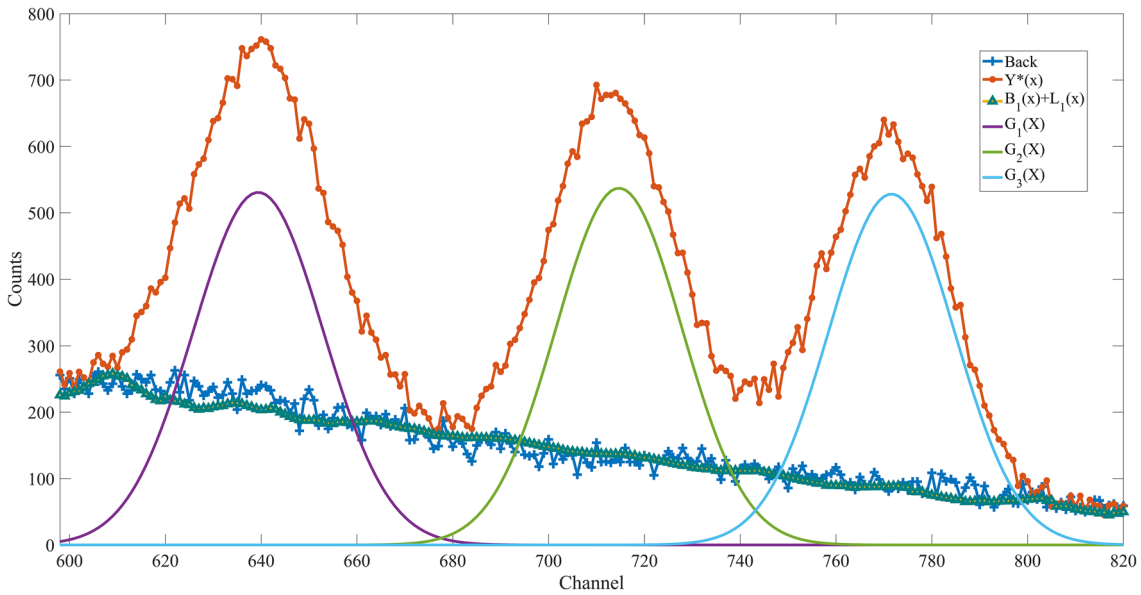

Fig. 5 ^{60}Co and ^{40}K full-energy peak region fitting. The blue '+' line is background. The orange dotted line is ^{60}Co and ^{40}K spectrum. The triangle green line is $B_1(x)$ and $L_1(x)$. Purple, green and light blue smooth lines are $G_1(x)$, $G_2(x)$ and $G_3(x)$