

Supporting Information for:

Ring-Opening of the γ -OH-PdG Adduct Promotes Error-Free Bypass by the *Sulfolobus solfataricus* DNA polymerase Dpo4

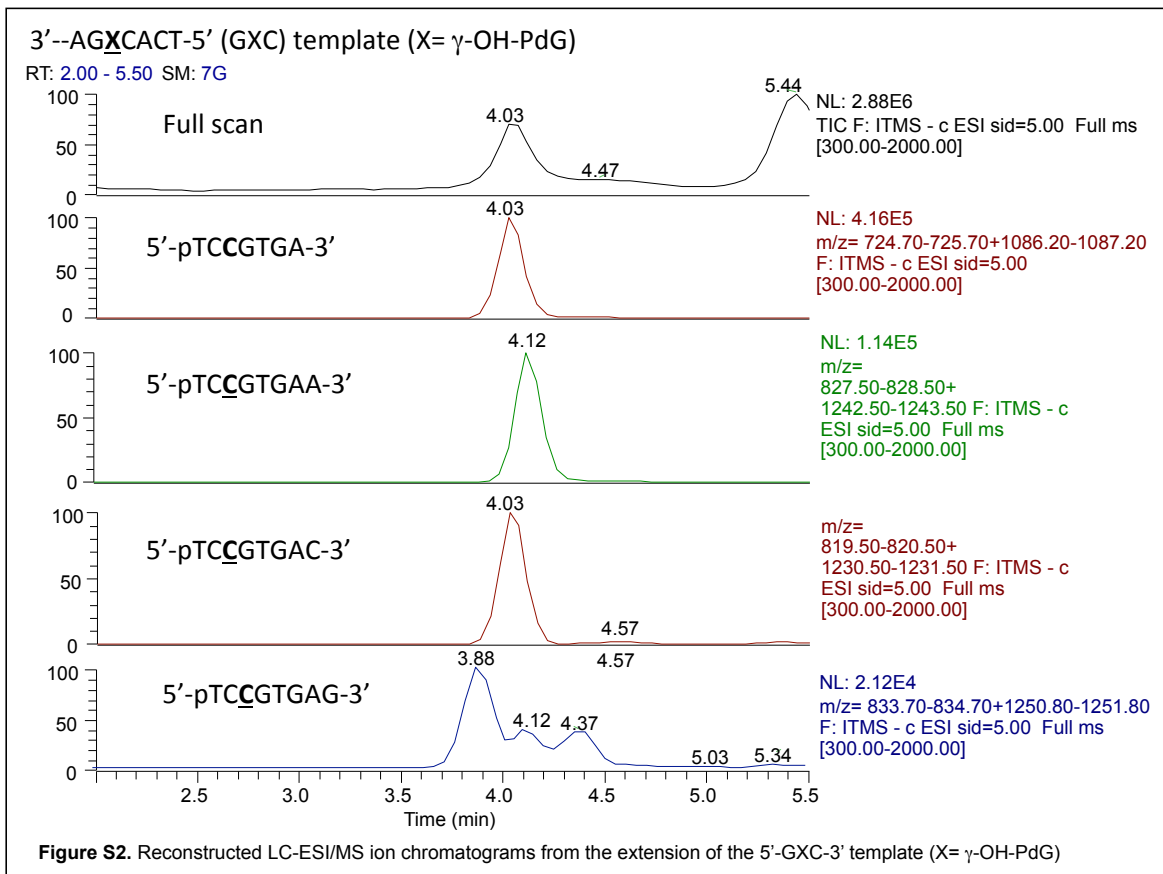
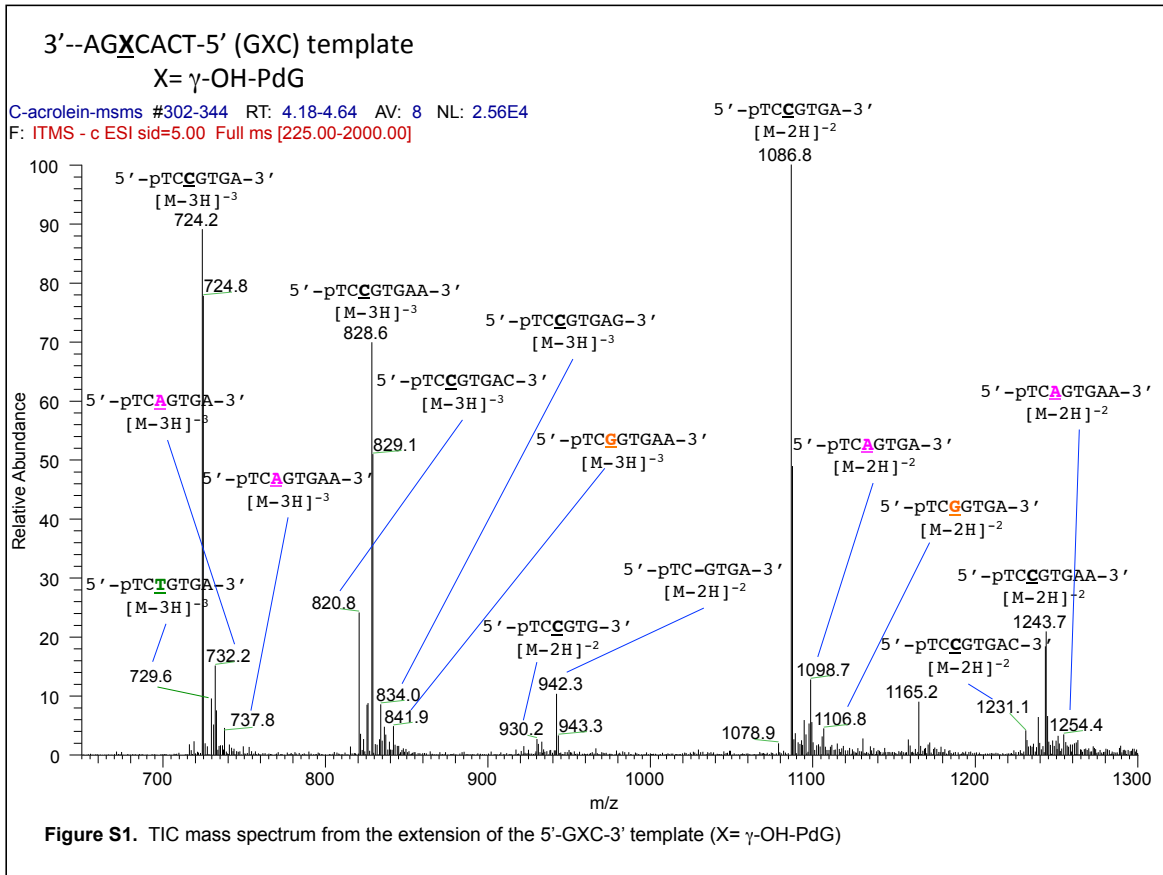
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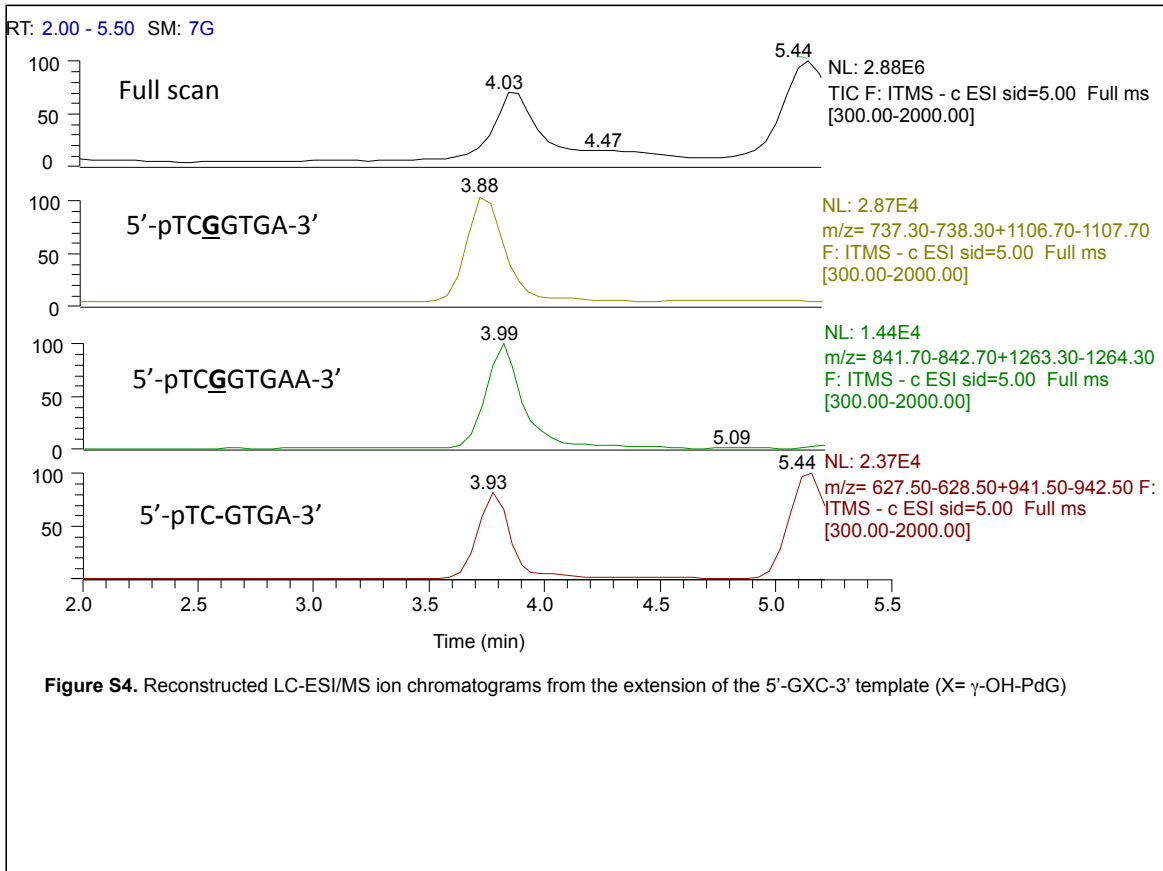
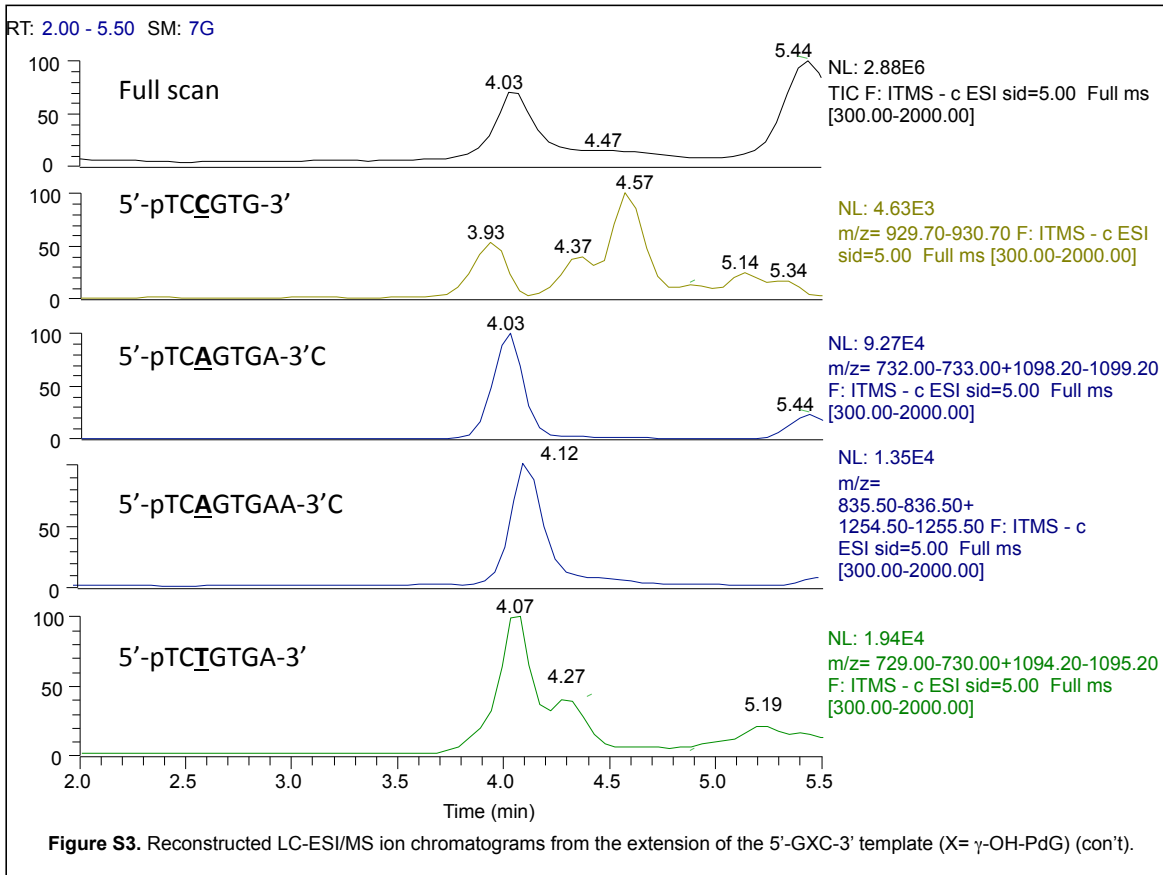
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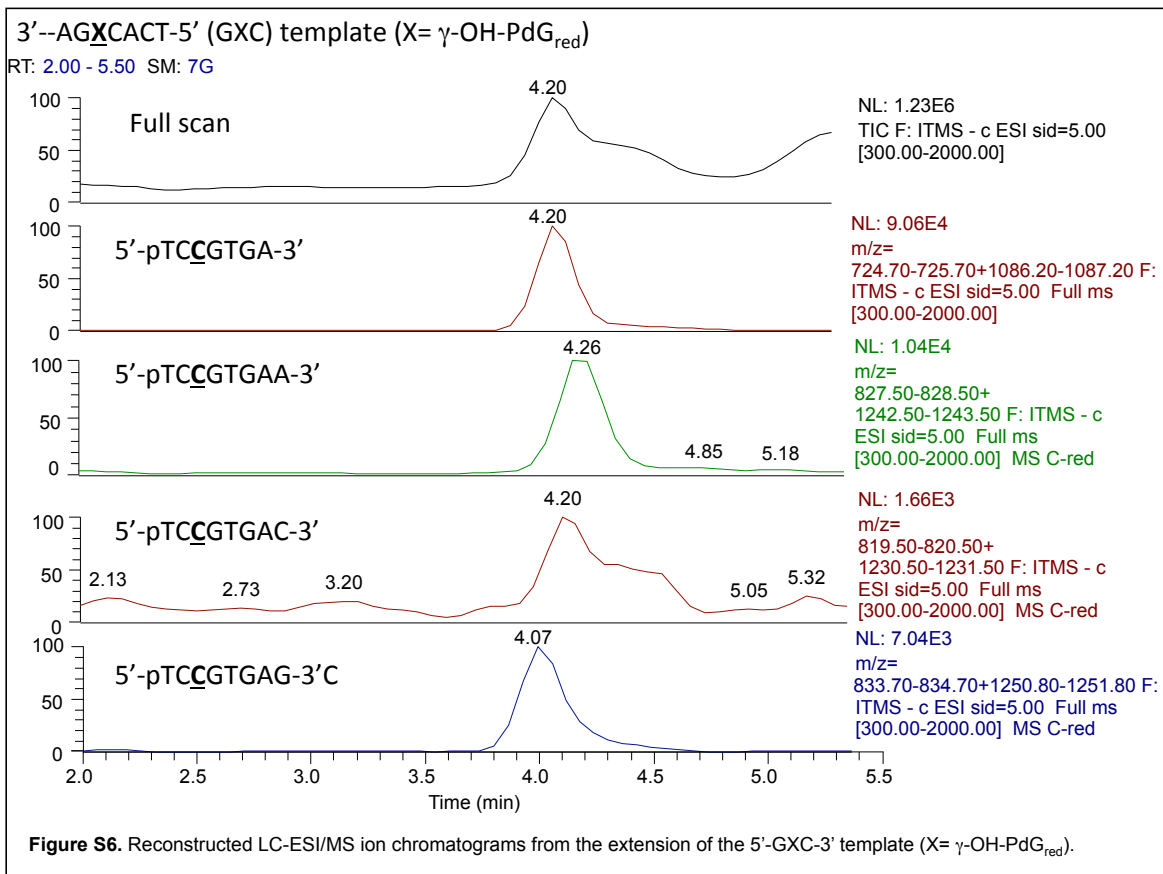
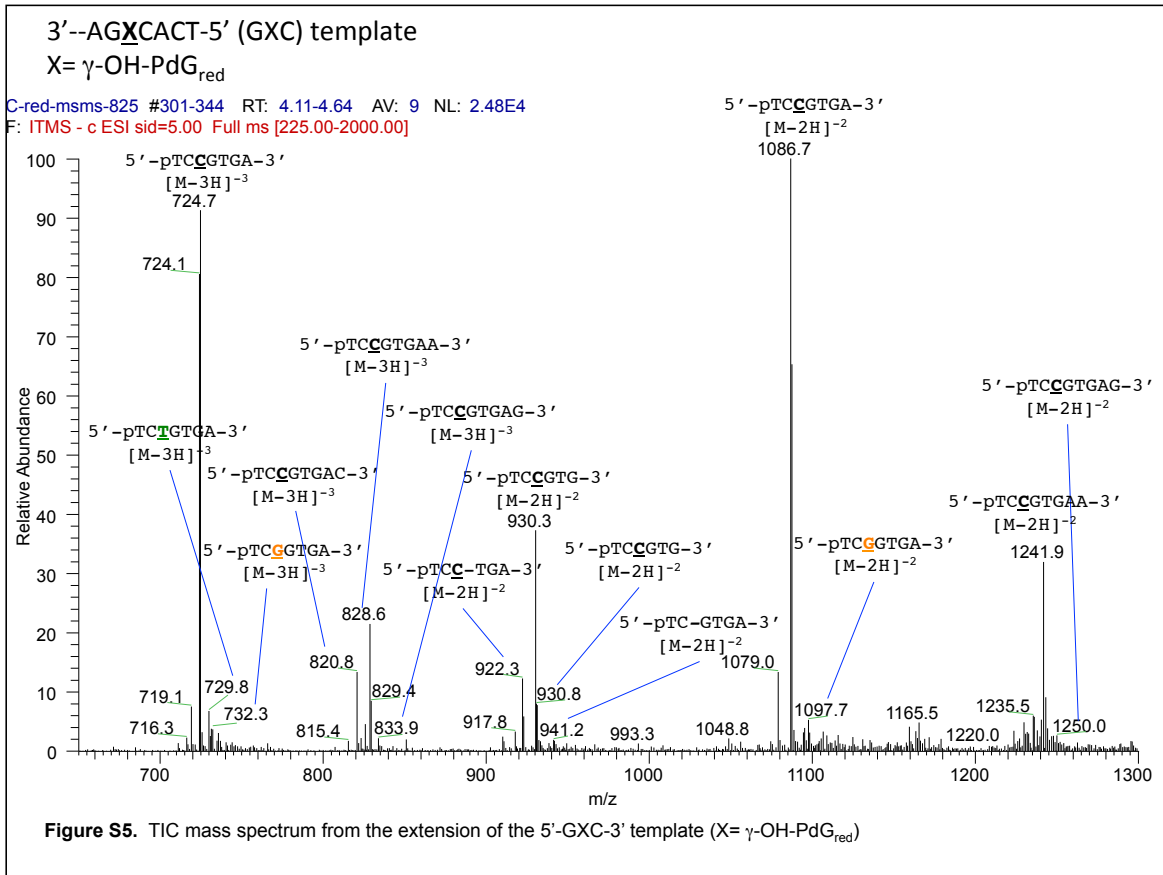
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3'--AGXCACT-5' (GXC) template (X= γ -OH-PdG_{red})

RT: 2.00 - 5.50 SM: 7G

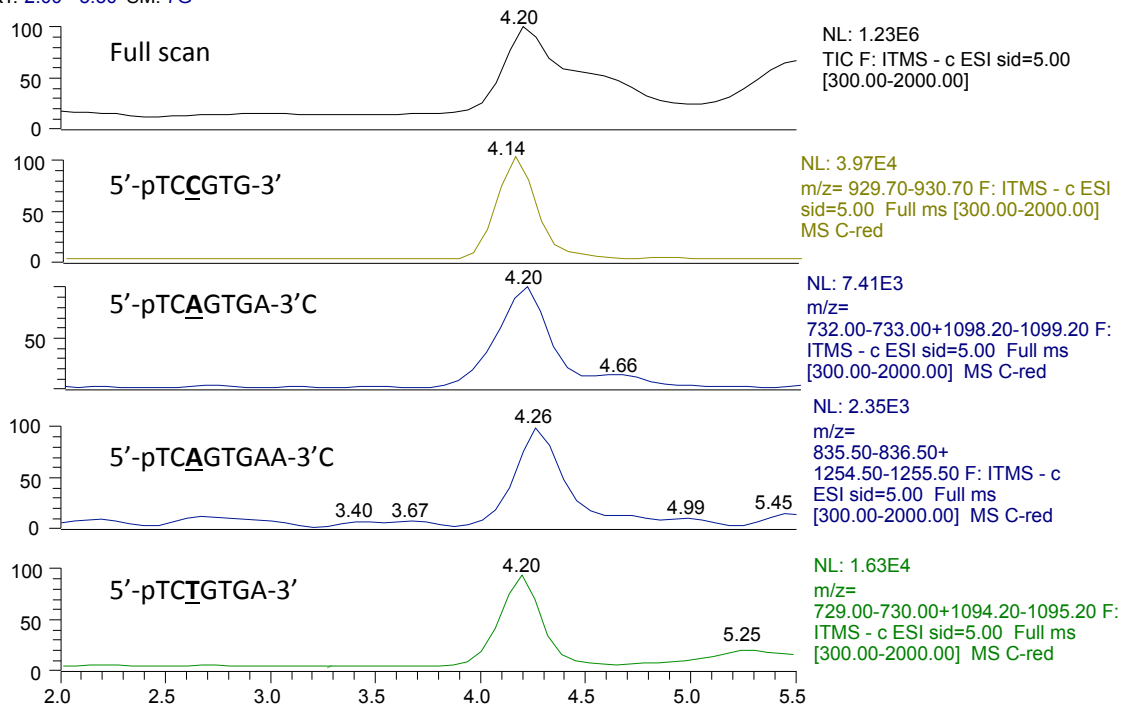


Figure S7. Reconstructed LC-ESI/MS ion chromatograms from the extension of the 5'-GXC-3' template (X= γ -OH-PdG_{red}) (con't)

3'--AGXCACT-5' (GXC) template (X= γ -OH-PdG_{red})

RT: 2.00 - 5.50 SM: 7G

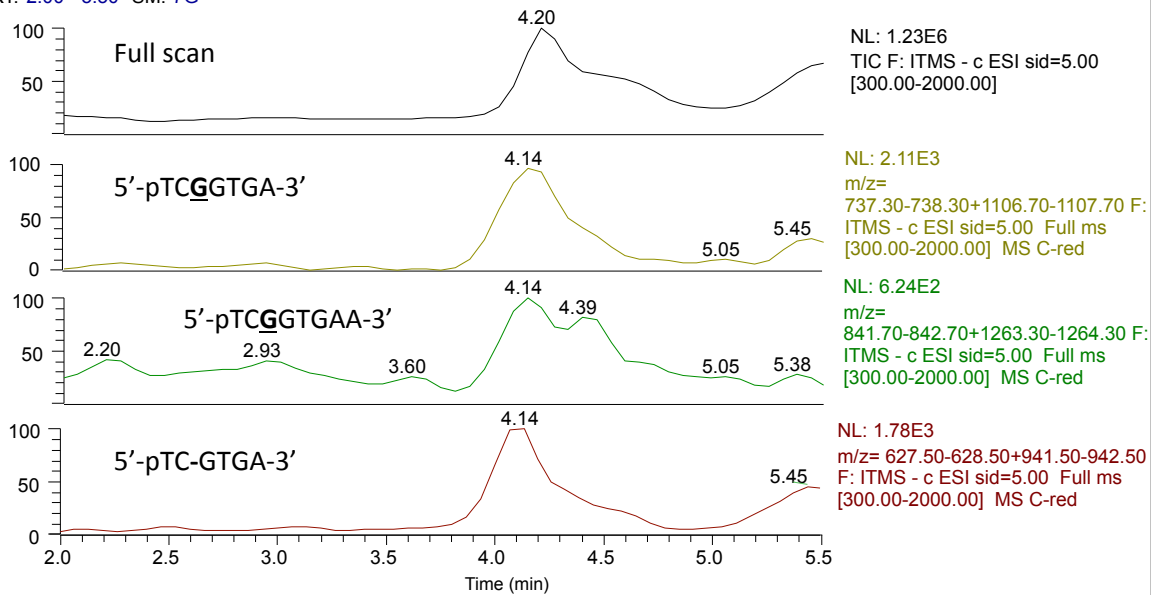


Figure S8. Reconstructed LC-ESI/MS ion chromatograms from the extension of the 5'-GXC-3' template (X= γ -OH-PdG_{red}) (con't)

