

Supplementary information B. Supplementary results of the chemical analyses of the BISR and SR samples

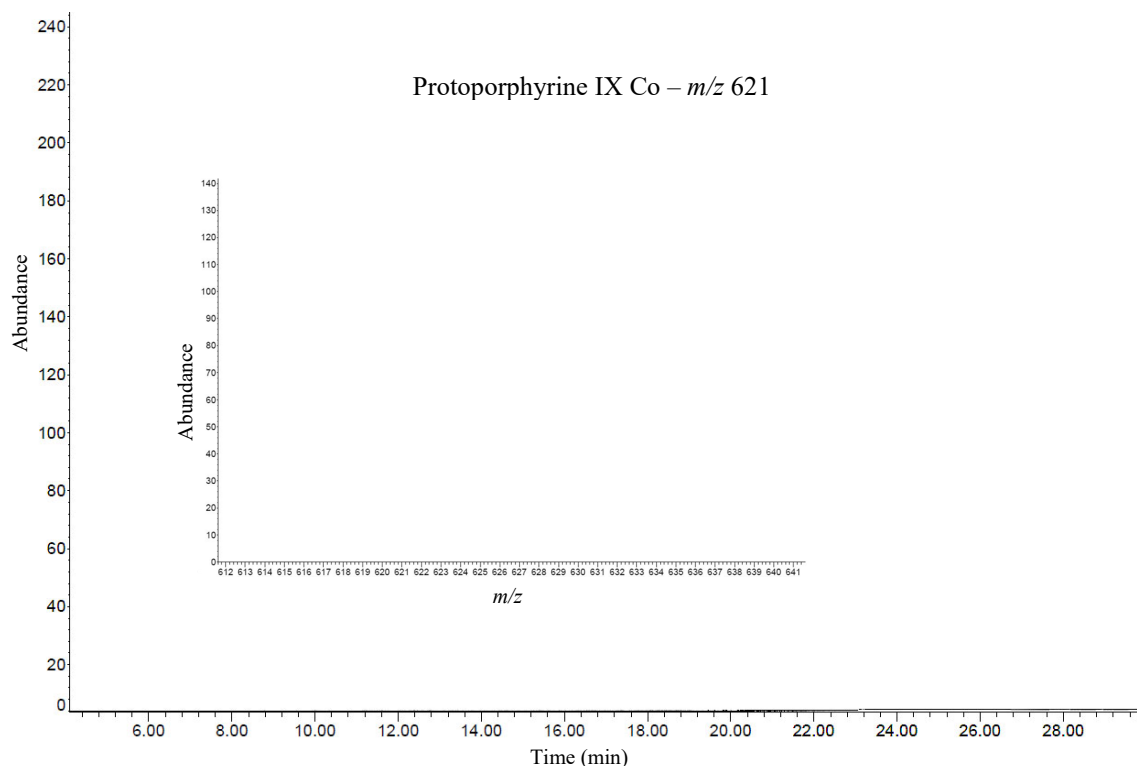


Figure S7. SIM chromatogram and mass spectrum (inset) of dichloromethane:methanol extract of BISR. SIM chromatogram of CoPPIX is presented in Figure S1 (Supplementary information A).

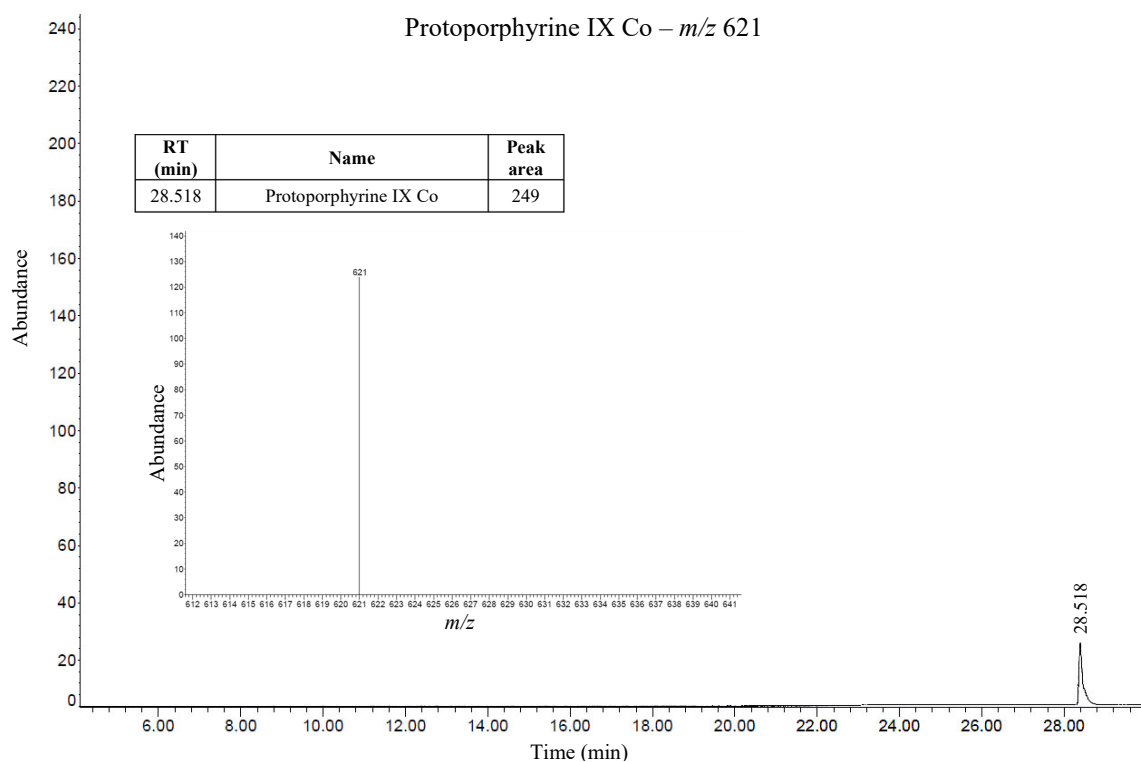


Figure S8. SIM chromatogram and mass spectrum (inset) of dichloromethane:methanol extract of SR. SIM chromatogram of CoPPIX is presented in Figure S1 (Supplementary information A).

Table S1. Concentrations of CoPPIX in BISR and SR based on GC-MS analyzes of m/z 621

Sample	Sample			SD	Average	Unit
	1	2	3			
BISR	0	0	0	0	0	μmol/kg
SR	0.824	0.822	0.805	0.010	0.817	μmol/kg

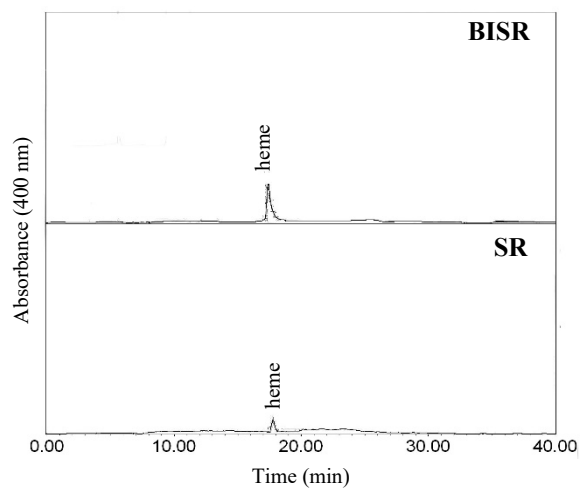


Figure S9. Detection of heme in BISR and SR samples—HPLC-PAD chromatograms at 400 nm. HPLC-PAD chromatogram of heme is presented in Figure S3A (Supplementary information A).

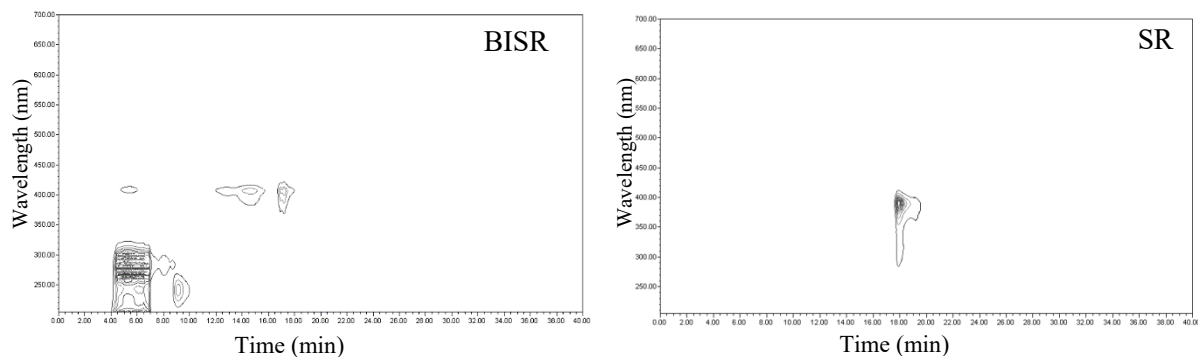


Figure S10. High-performance liquid 3D chromatograms of organic extracts of sediments of BISR and SR obtained using HPLC-PAD

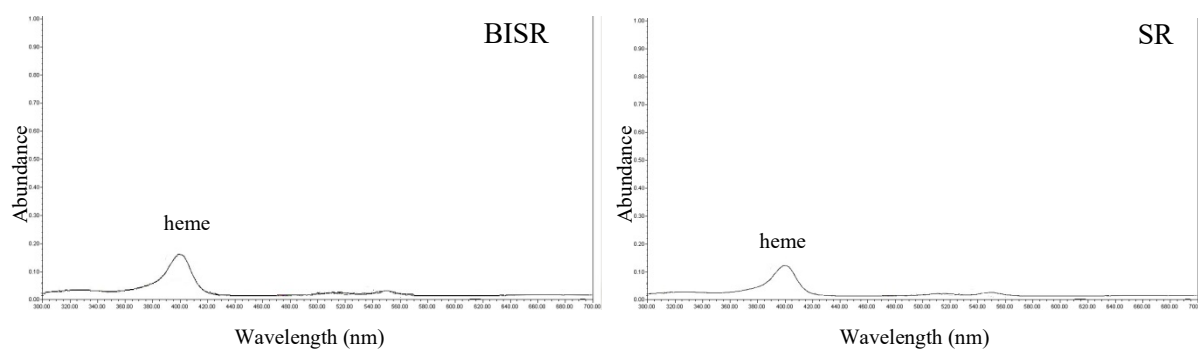


Figure S11. UV-Vis spectra of organic extracts of sediments of BISR and SR obtained using HPLC-PAD

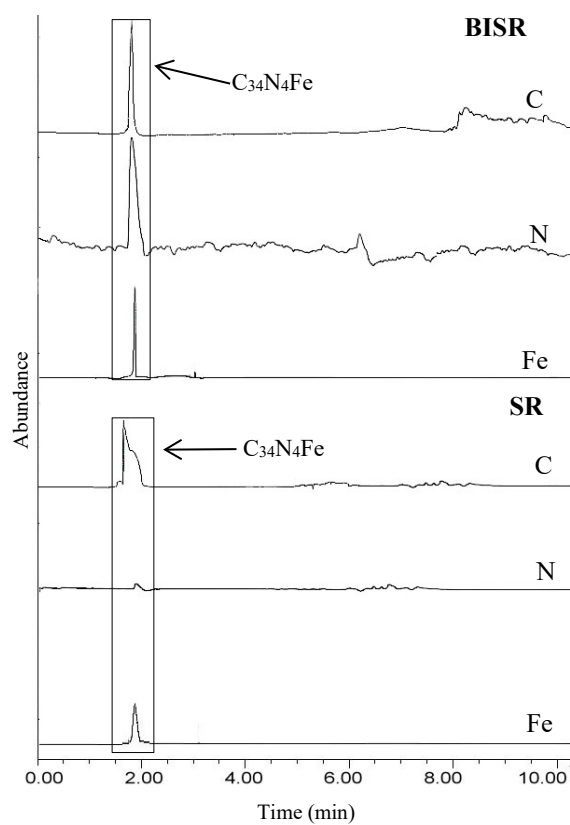


Figure S12. Detection of heme (carbon, nitrogen, and iron) in BISR and SR—GC-AED chromatograms. AED chromatogram of heme is presented in Figure S5 (Supplementary information A).