Figure SI.1. The profile of Fe in standard protein transferrin analysed by online coupled HPLC-ICP-MS, applying anion-exchange column. The intensity measurements were made approximately every 3.2 seconds from 6th to 31st minute of separation protocol, and the results for each measurement point are presented as the percentages of the total intensity summed for the entire duration of the separation.

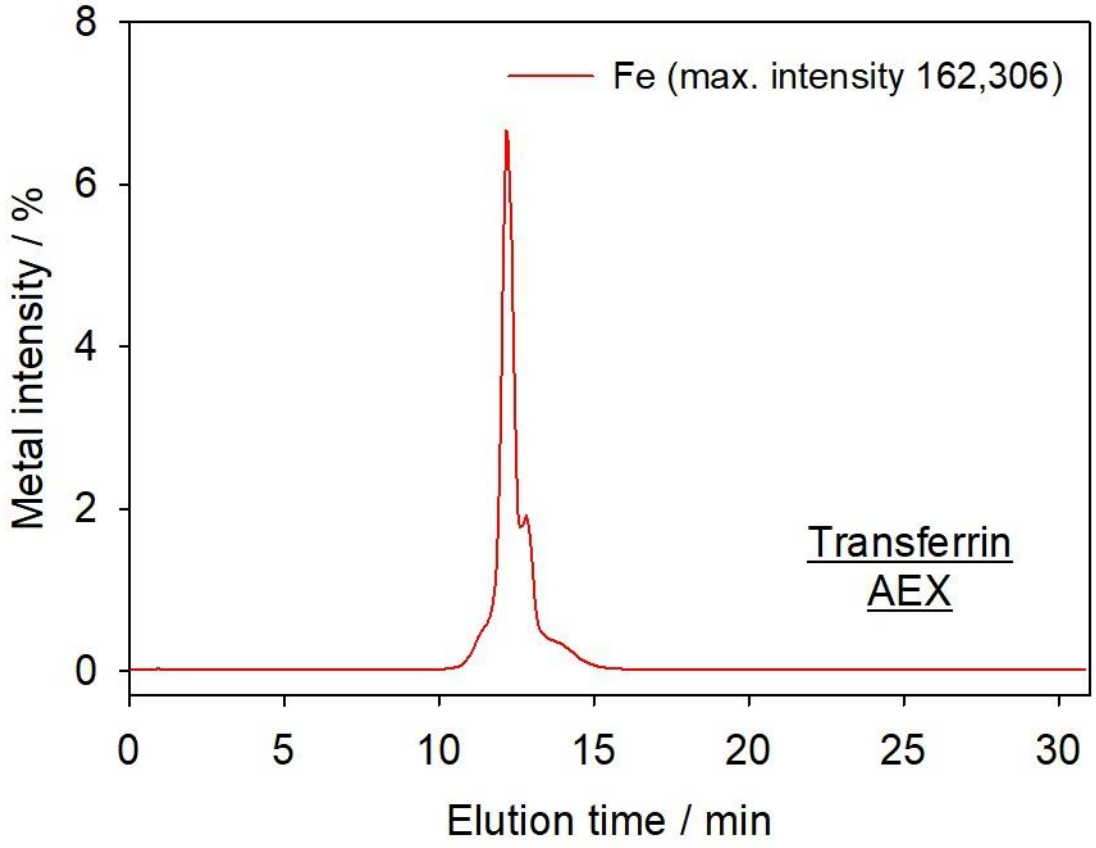

Figure SI.2. The profile of Zn in standard protein alcohol dehydrogenase analysed by online coupled HPLC-ICP-MS, applying anion-exchange column. The intensity measurements were made approximately every 3.2 seconds from 6th to 31st minute of separation protocol, and the results for each measurement point are presented as the percentages of the total intensity summed for the entire duration of the separation.

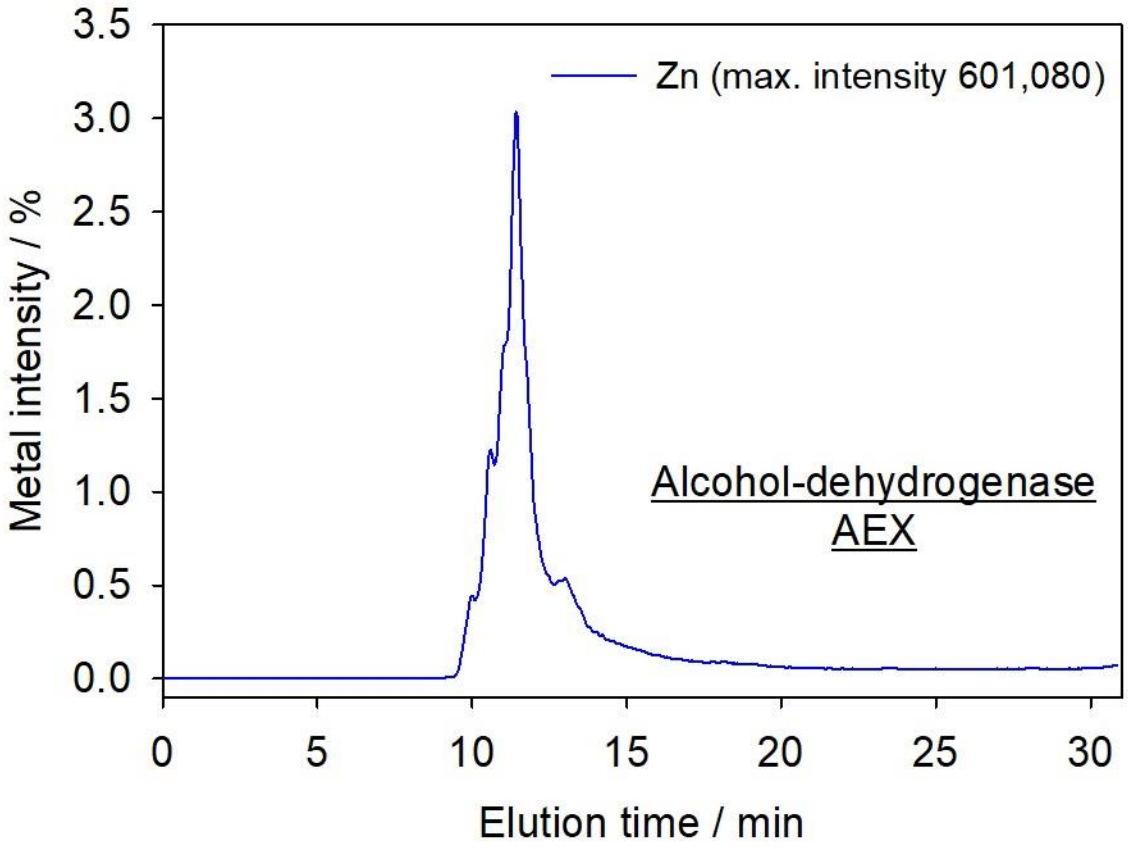

Figure SI.3. The profiles of Cu and Zn in standard protein superoxide dismutase analysed by online coupled HPLC-ICP-MS, applying anion-exchange column. The intensity measurements were made approximately every 3.2 seconds from 6th to 31st minute of separation protocol, and the results for each measurement point are presented as the percentages of the total intensity summed for the entire duration of the separation.

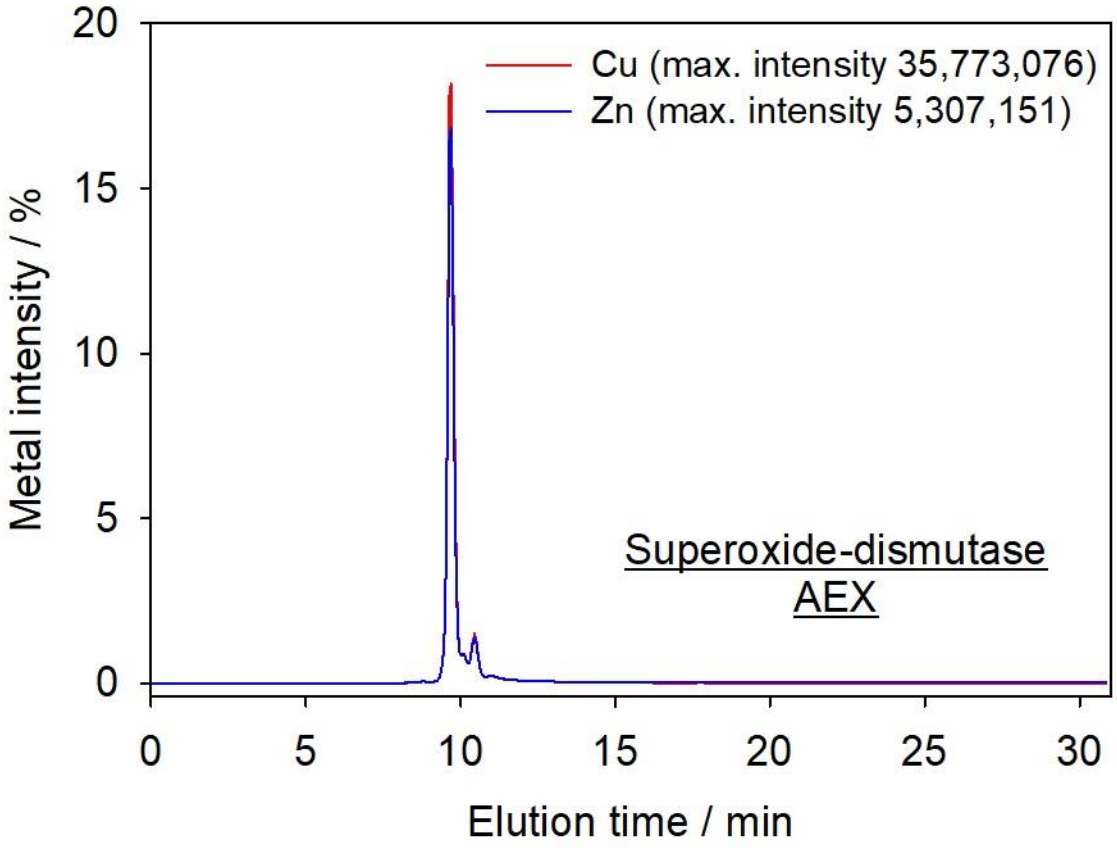

Figure SI.4. The profiles of Cd and Zn in two isoforms of standard protein metallothionein analysed by online coupled HPLC-ICP-MS, applying anion-exchange column: a) MT1; b) MT2. The intensity measurements were made approximately every 3.2 seconds from 6th to 31st minute of separation protocol, and the results for each measurement point are presented as the percentages of the total intensity summed for the entire duration of the separation.

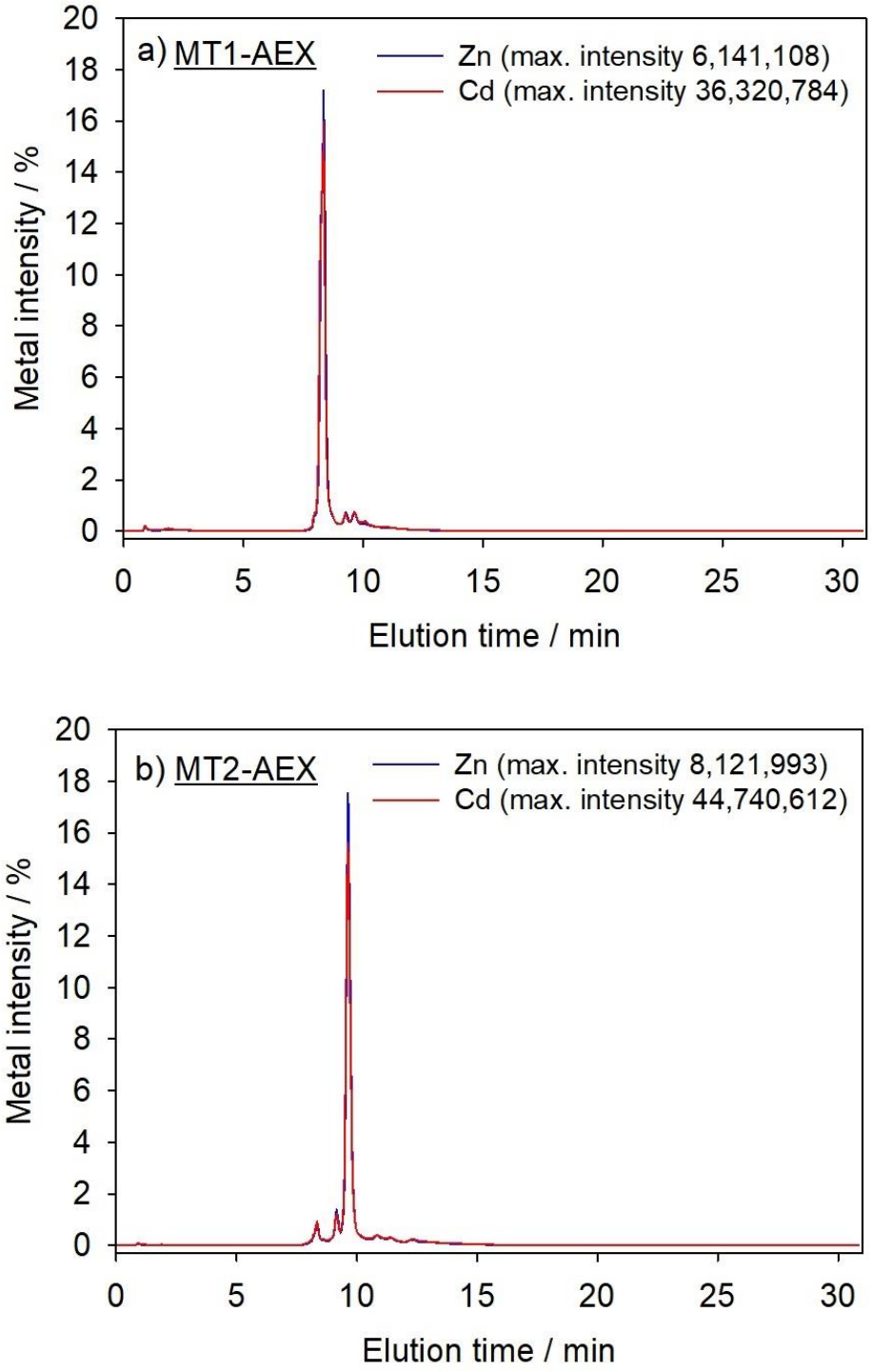

Figure SI.5. The profiles of Zn and Cu in standard protein carbonic anhydrase analysed by online coupled HPLC-ICP-MS, applying anion-exchange column. The intensity measurements were made approximately every 3.2 seconds from 6th to 31st minute of separation protocol, and the results for each measurement point are presented as the percentages of the total intensity summed for the entire duration of the separation.

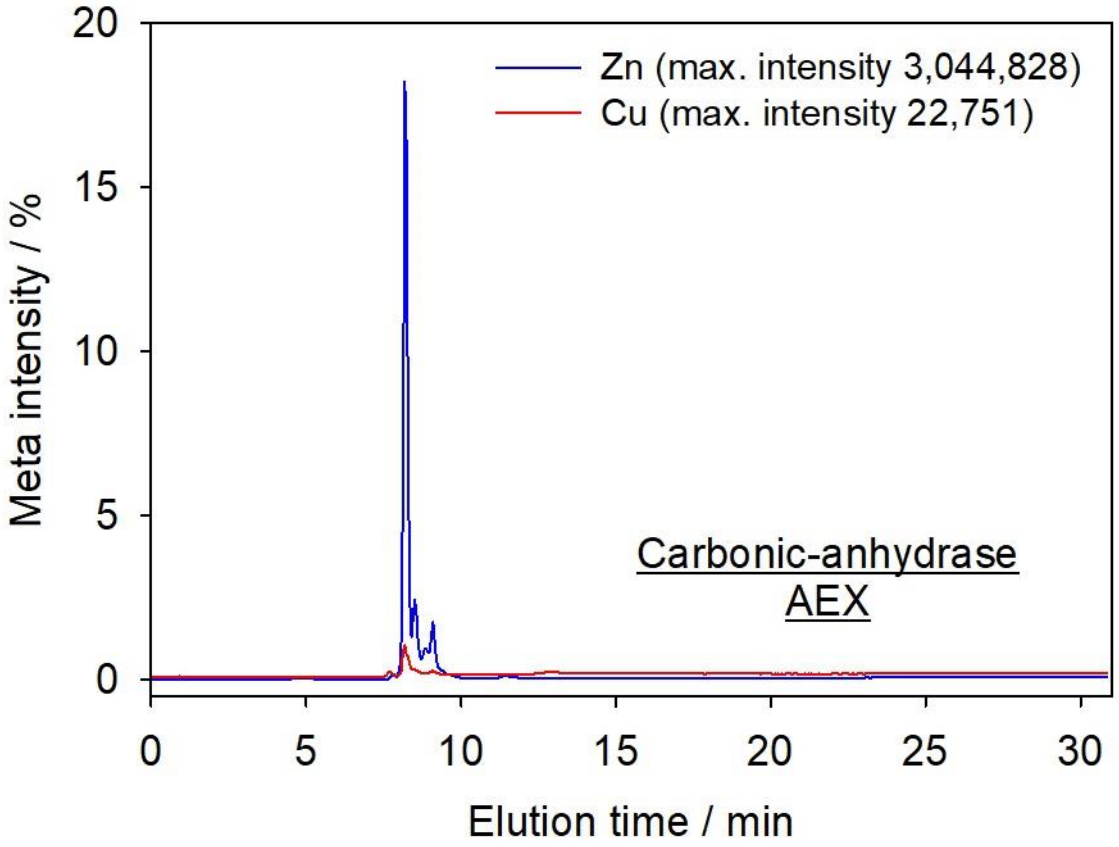

Figure SI.6. The profile of Fe in standard protein cytochrome C analysed by online coupled HPLC-ICP-MS, applying cation-exchange column. The intensity measurements were made approximately every 3.2 seconds from 6th to 31st minute of separation protocol, and the results for each measurement point are presented as the percentages of the total intensity summed for the entire duration of the separation.

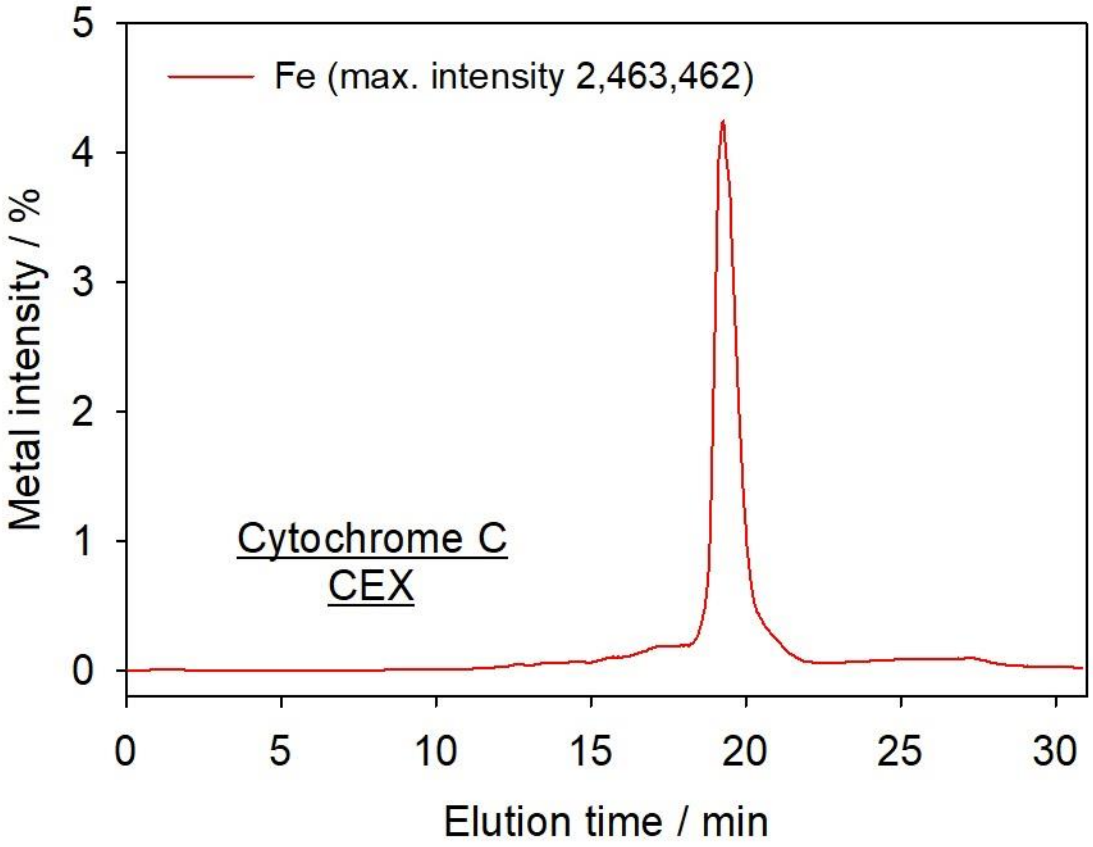

Figure SI.7. The profile of sulphur in standard protein lysozyme analysed by online coupled HPLC-ICP-MS, applying cation-exchange column. The intensity measurements were made approximately every 3.2 seconds from 6th to 31st minute of separation protocol, and the results for each measurement point are presented as the percentages of the total intensity summed for the entire duration of the separation.