Electronic Supplementary Material (ESI) for RSC Advances.

Supplementary Information for:

Profiling changes to natively-bound metals during Caenorhabditis elegans development

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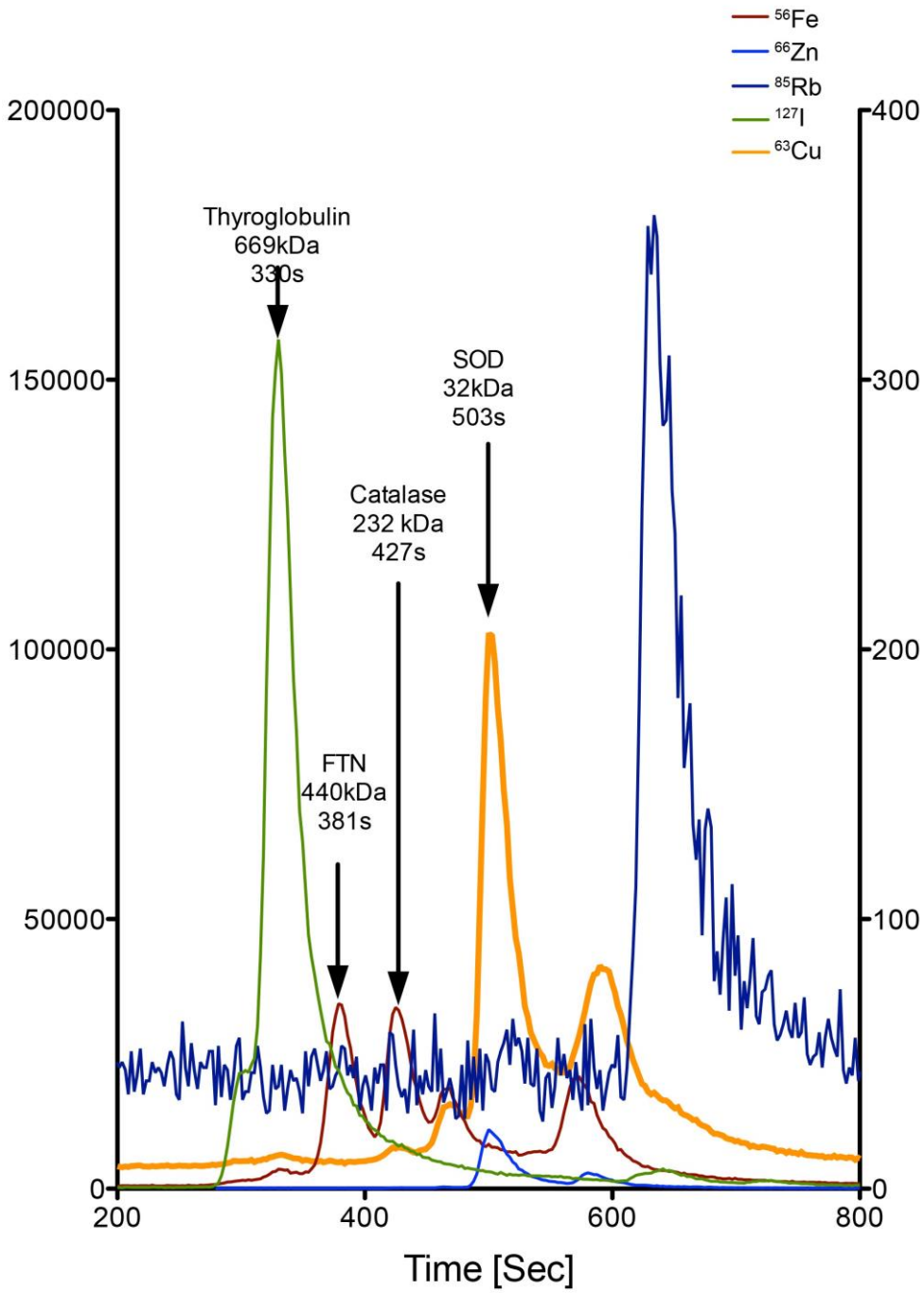
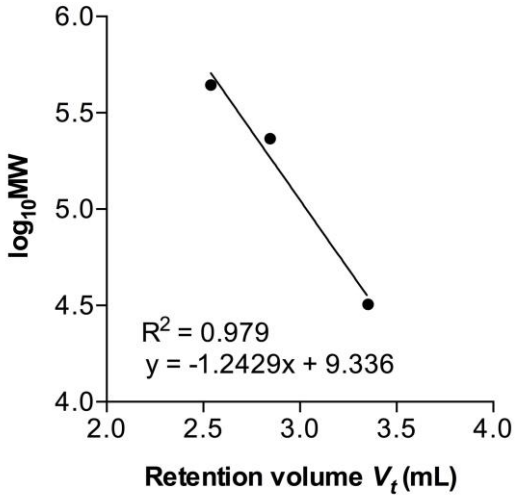


Supplementary Figure 1: Molecular weight calibration trace for SEC-ICP-MS for Agilent BioSEC5 column.



Supplementary Figure 2: Molecular weight calibration curve for Agilent BioSEC5 column using ferritin, catalase and SOD1 retention volumes from Supplementary Figure 1.

Supplementary Table 1: Total metal levels per mg of protein, determined by integration of total area under the curve for iron, copper and zinc and quantified using injected metalloprotein standards. [a] Calculated area under the curve below limit of detection, indicative only.

Developmental stage	**Fe (pg mg^{-1} protein)[a]**	**Cu (pg mg^{-1} protein)**	**Zn (pg mg^{-1} protein)[a]**
Eggs	364.0	52.95	9.146
L1	440.4	25.35	5.332
L2	700.4	28.82	5.794
L3	447.7	24.89	3.919
L4	472.0	31.17	4.539
Young adult	785.6	36.28	7.529