IC–ICP–MS procedure.Calibration was performed with standard solutions containing all arsenic components of interest in the concentration range of 1 to 100 ug As L–1 each.The LODs calculated with the software SQS (Perkin Elmer) were as follows: arsenite (As(III)) 0.64 ug As L–1, methylarsonic acid (MA) 1.67 ug As L–1 , dimethylarsinic acid (DMA) 0.78 ug As L–1, arsenate (As(V)) 2.19 ug As L–1, arsenobetaine (AsB) 0.76 ug As L–1 and arsenocholine (AsC) 1.69 ug As L–1 .Figure 1 shows a typical plot for the application of this ion chro– matographic separation coupled with an ICP–MS as a detector (IC– ICP–MS) for a standard solution of eight arsenic species with gra– dient elution by dilute nitric acid.The analytical equipment and the pro– cedure used for these investigations were described previously .The linearity of the calibration plots was better than 0.998.