Impact of salinity and pH alteration on a tropical freshwater phytoplankton community: An investigation with HPLC pigment analysis.

Parthasarathi Chakraborty*1, T. Acharyya1, P.V. R. Babu1 and D. Bandhyopadhyay1

1National Institute of Oceanography (CSIR), India, 8-44-1/5, Plot No. 94, Chinawaltair, Visakhapatnam, 530003, Andhra Pradesh, India. e-mail: pchak@nio.org

Chromatograms of pigments to understand the stress imparted at different salinity shock on phytoplankton community in Godavari River. The chromatograms represent (a) Lutein (marker pigment of green algae) (b) zeaxanthin (marker pigment of cyanobacteria) (c) chl-a (indicator of biomass) and (d) beta carotene

Supplementary Material (ESI) for Journal of Environmental Monitoring
This journal is © The Royal Society of Chemistry 2011
Chromatograms of pigments to understand the stress imparted at different pH on phytoplankton community in Godavari River. The chromatograms represent (a) Lutein (marker pigment of green algae) (b) zeaxanthin (marker pigment of cyanobacteria) (c) chl-a (indicator of biomass) and (d) beta carotene.