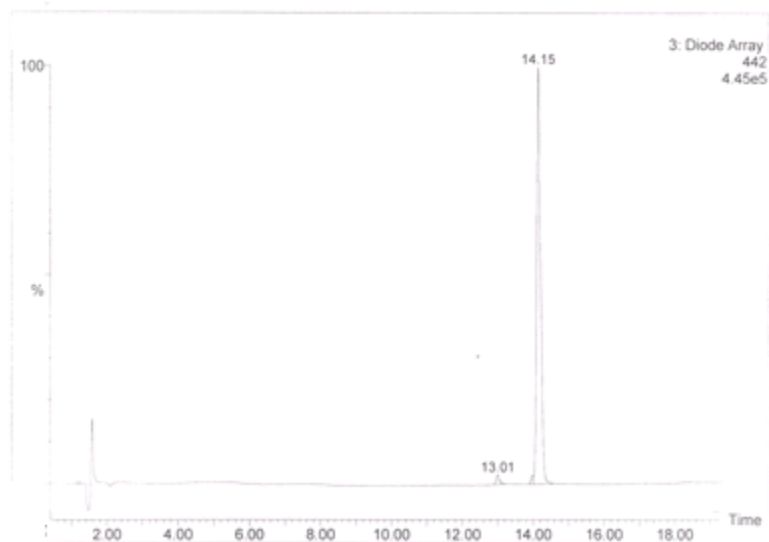


Typical HPLC chromatograms of apo-lycopenoids investigated

Apo-10'-lycopenoids

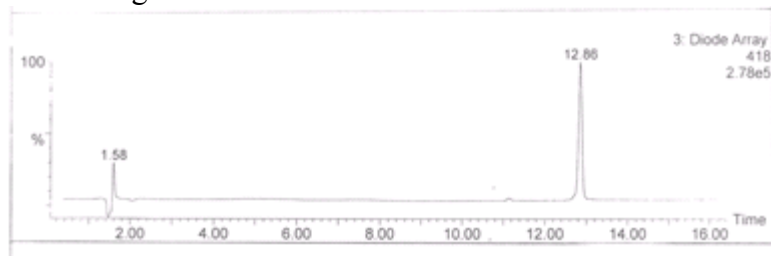
ethyl apo-10'-lycopenoate, **10'-COOEt**

Chromatogram at 442 nm



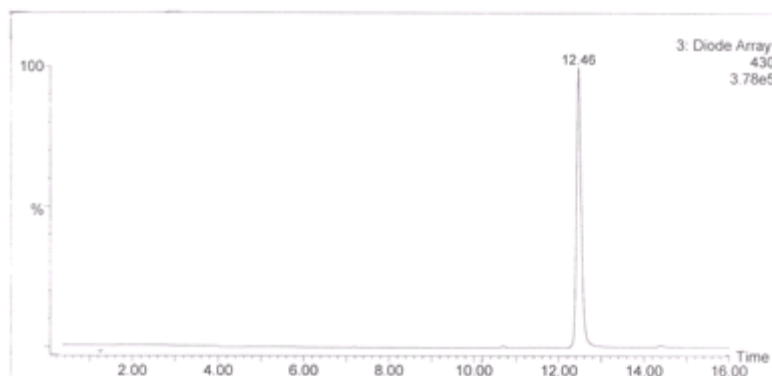
apo-10'-lycopenol, **10'-CH₂OH**

Chromatogram at 418 nm

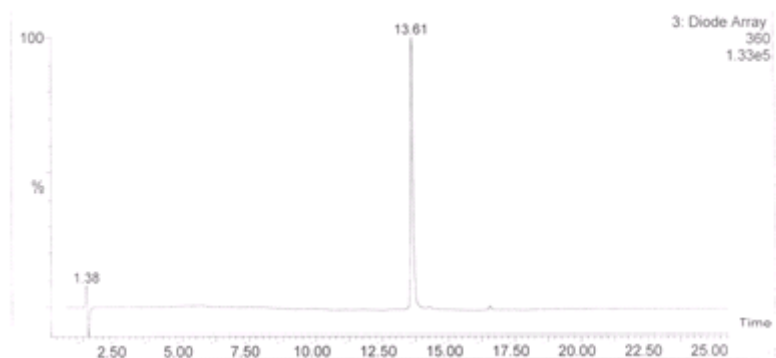


apo-10'-lycopenoic acid, **10'-COOH**

Chromatogram at 430 nm

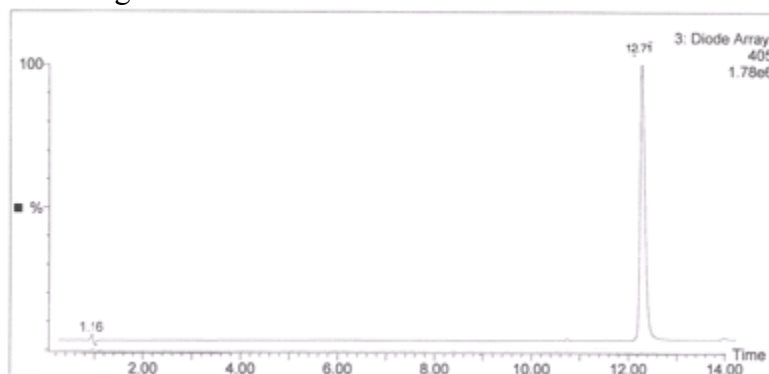


apo-10'-lycopenal, **10'-CHO**
Chromatogram at 360 nm

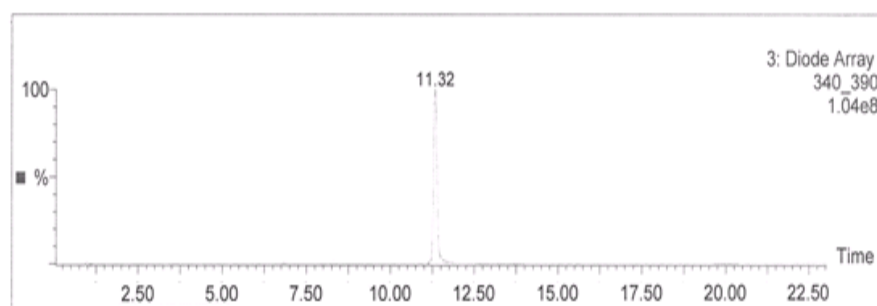


Apo-14'-lycopenoids

ethyl apo-14'-lycopenoate, **14'-COOMe**
Chromatogram at 405 nm

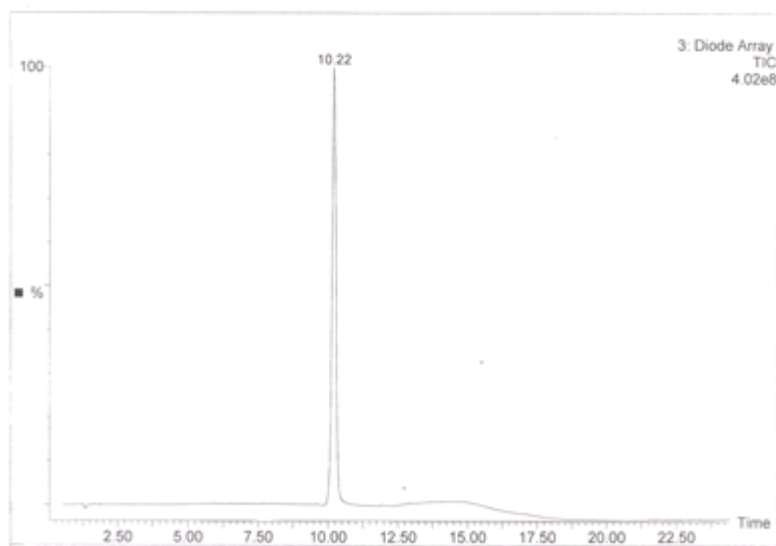


apo-14'-lycopenol, **14'-CH₂OH**
Chromatogram between 340 and 390 nm



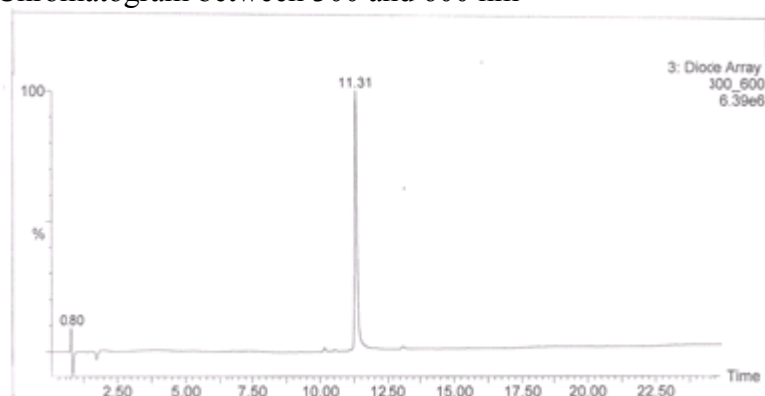
apo-14'-lycopenoic acid, **14'-COOH**

Chromatogram TIC (Total Ion Current between 190 and 600 nm)



apo-14'-lycopenal, **14'-CHO**

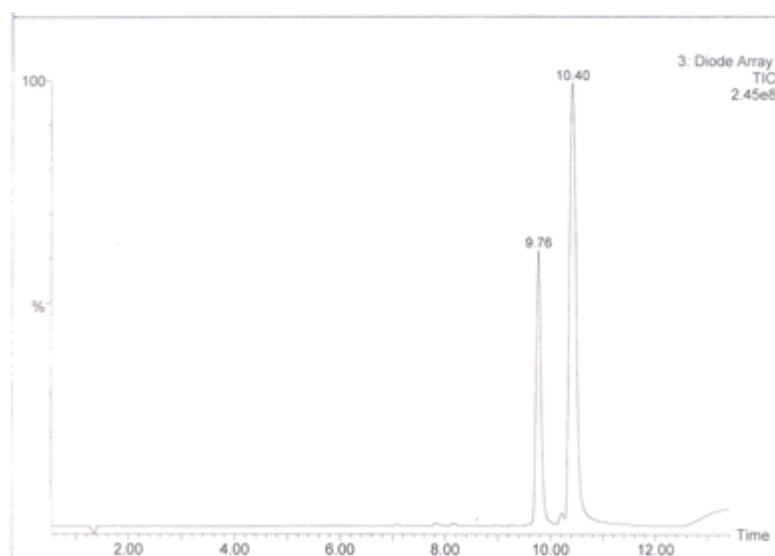
Chromatogram between 300 and 600 nm



Apo-11-lycopenoids

ethyl apo-1-lycopenoate, **11-COOEt**

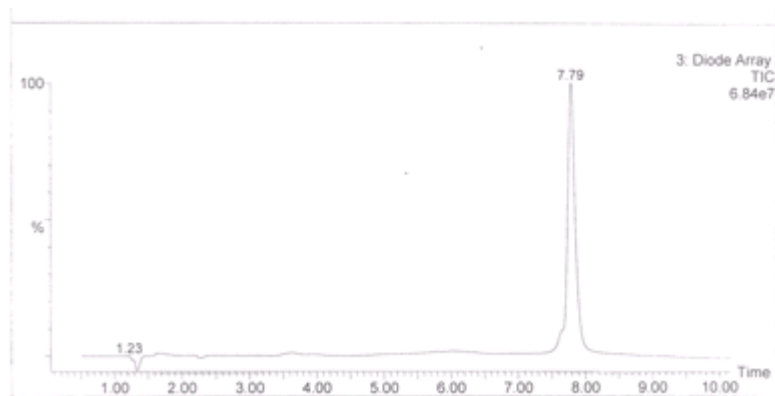
Chromatogram TIC (Total Ion Current between 190 and 600 nm)



9.76 min: (*Z*) isomer; 10.40 min: (*E*) isomer, (*E/Z*) ratio of 3.5

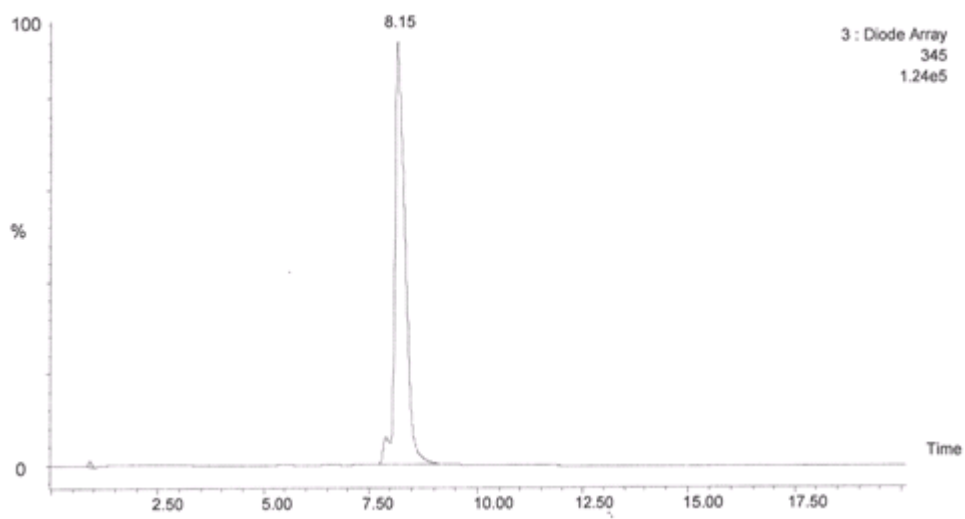
apo-11-lycopenol, **11-CH₂OH**

Chromatogram TIC (Total Ion Current between 190 and 600 nm)



Shoulder : (*Z*) isomer (3%); 7.79 min: (*E*) isomer (97%).

apo-11-lycopenal, **11-CHO**
Chromatogram at 345 nm



7.89 min: (*Z*) isomer (4%); 8.15 min: (*E*) isomer (96%).

apo-11-lycopenoic acid, **11-COOH**
Chromatogram at 300 nm

