SUPPLEMENTARY MATERIAL

The potential of chiroptical and vibrational spectroscopies of blood plasma for the discrimination between colon cancer patients and the control group

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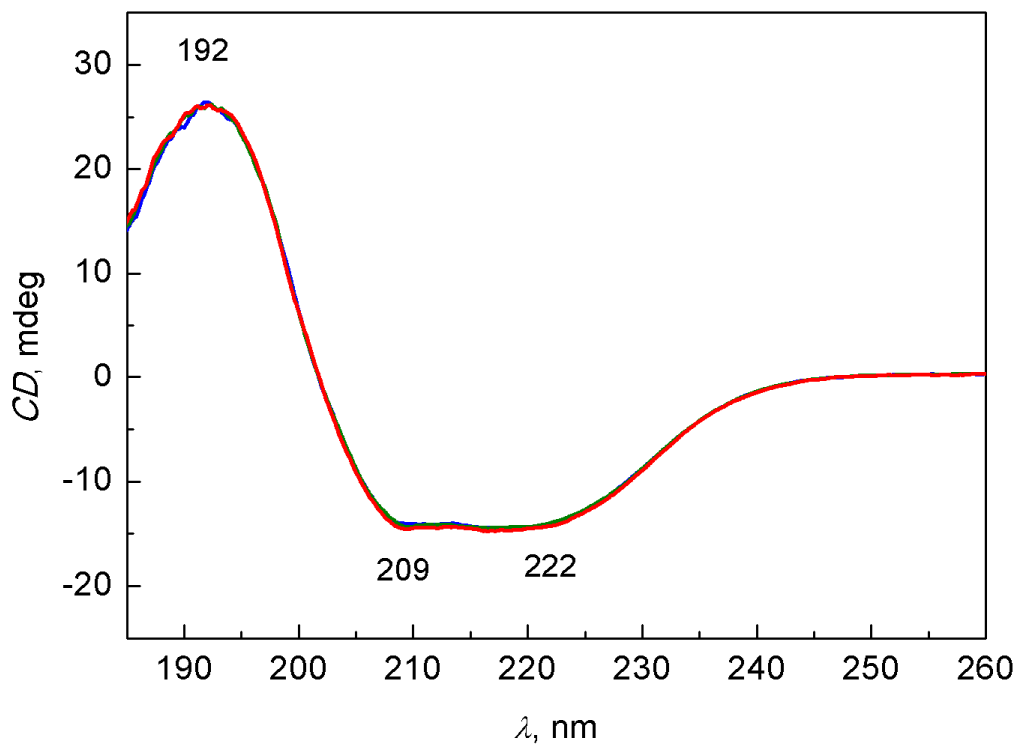Tel: +420 220 443762; FAX: +420 220 444 352

Fig. S1 – ECD spectra of human blood plasma from three independent analyses of one sample (red, green, blue solid line)
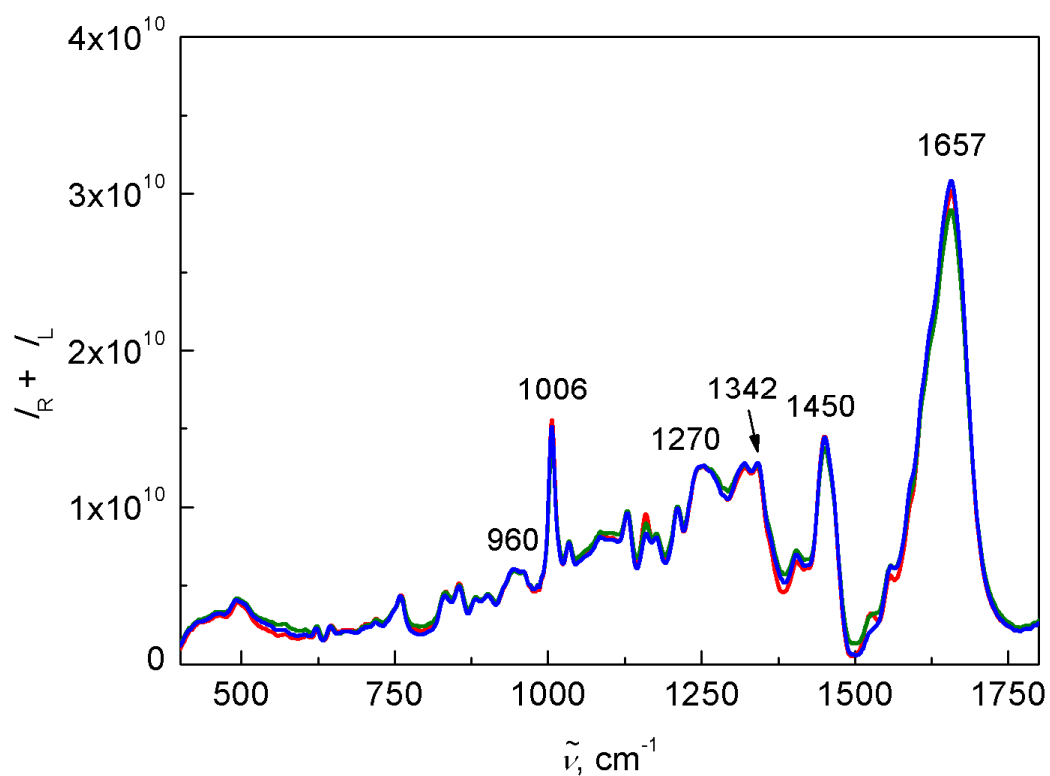

Fig. S2 – Raman spectra of human blood plasma from three independent analyses of one sample (red, green, blue solid line)
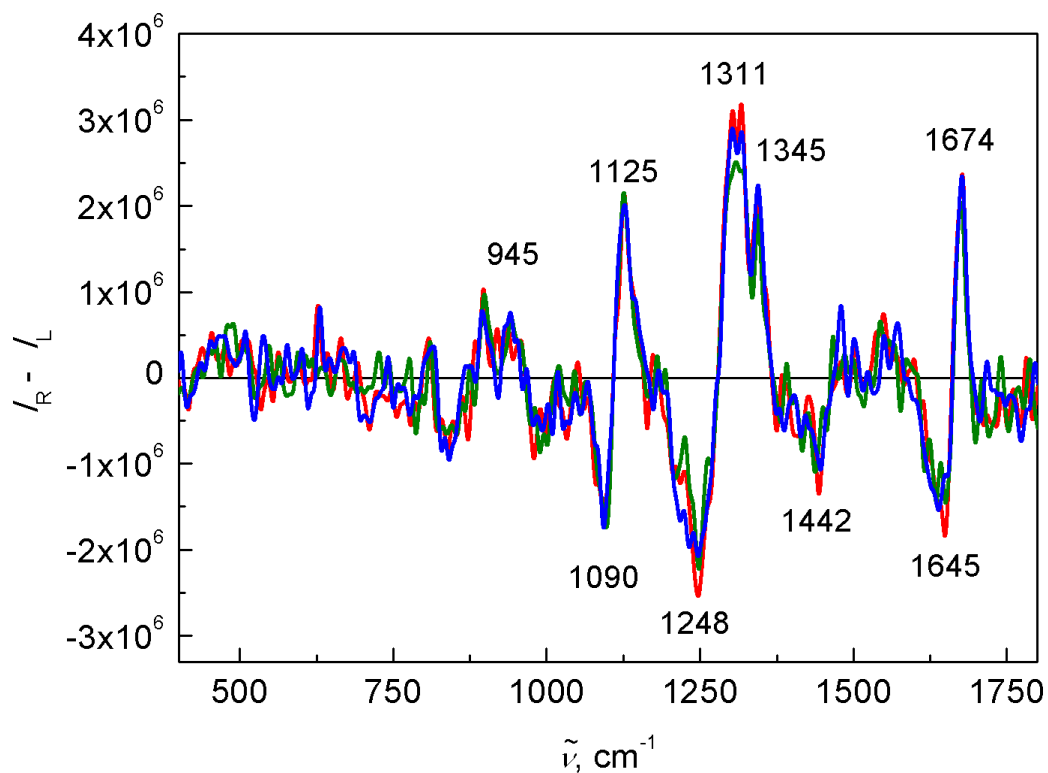
Fig. S3 – ROA spectra of human blood plasma from three independent analyses of one sample (red, green, blue solid line)
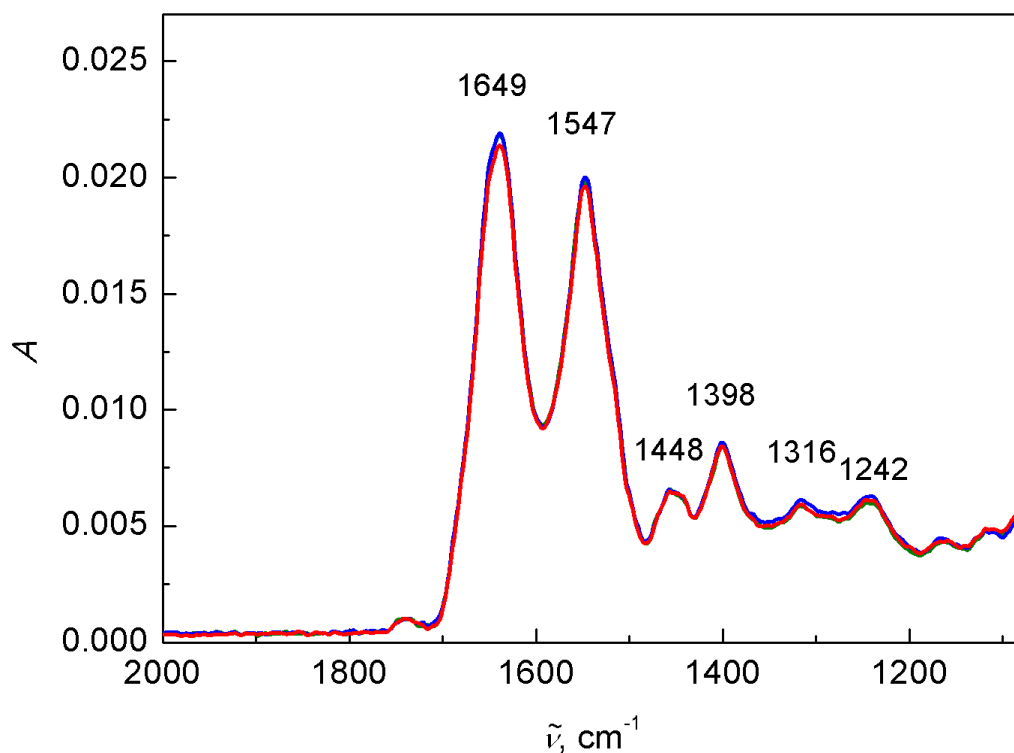

Fig. S4 – FT-IR spectra of human blood plasma from three independent analyses of one sample (red, green, blue solid line)
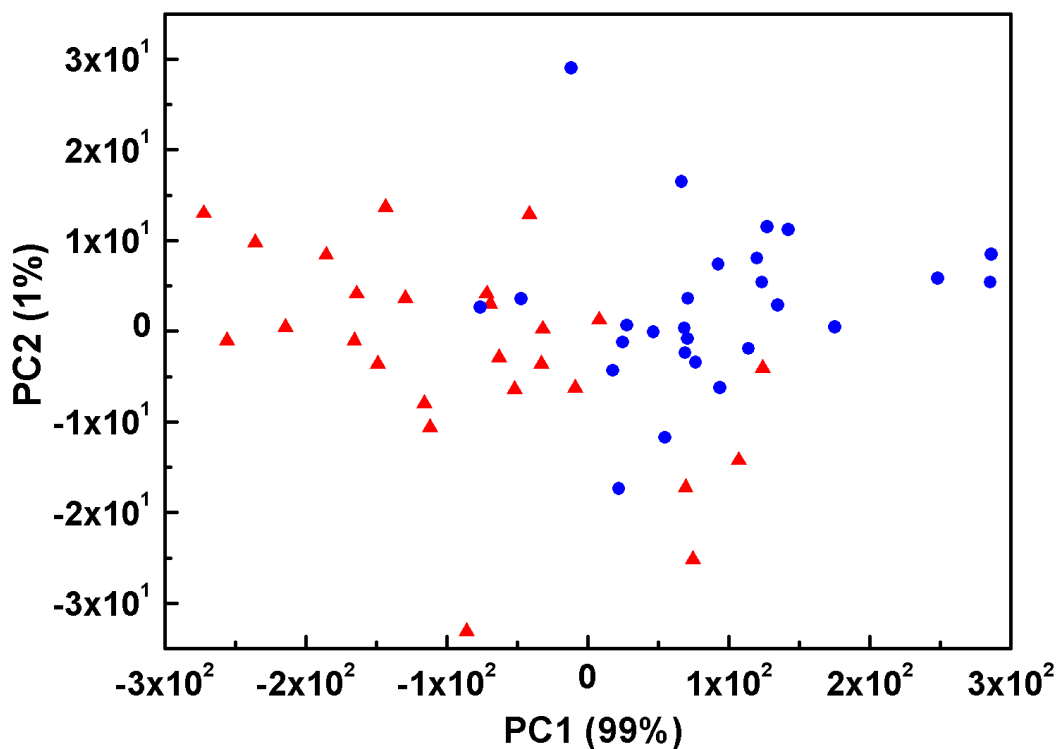
Fig. S5 – The results of PCA for the ECD spectra (250 – 185 nm) of human blood plasma from patients with colon cancer (▲) and healthy controls (●);
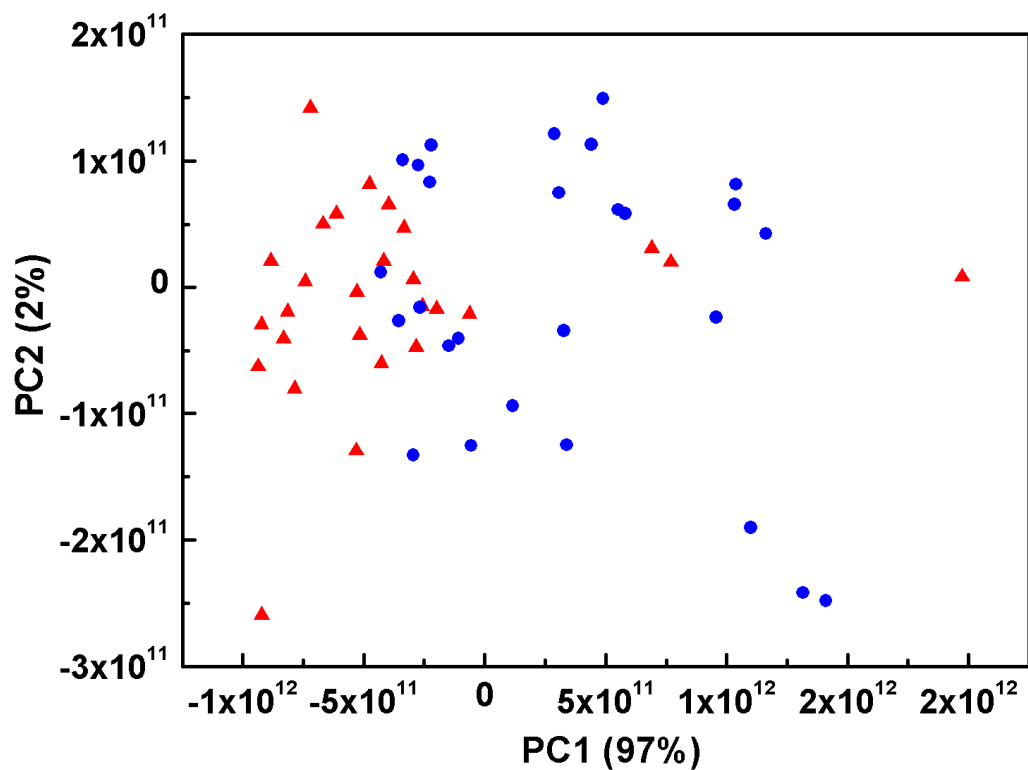

Fig. S6 – The results of PCA for the Raman spectra (400 – 1800 cm⁻¹) of human blood plasma from patients with colon cancer (▲) and healthy controls (●)

Fig. S7 – The results of PCA for the ROA spectra (400 – 1800 cm^{-1}) of human blood plasma from patients with colon cancer (▲) and healthy controls (●)

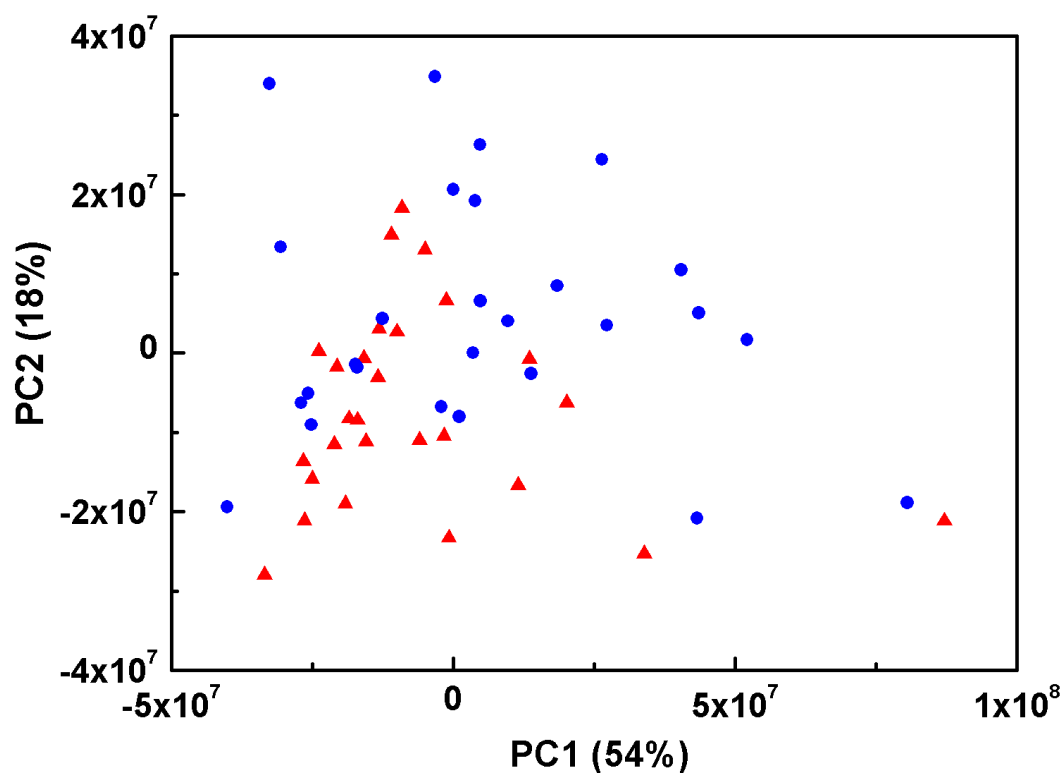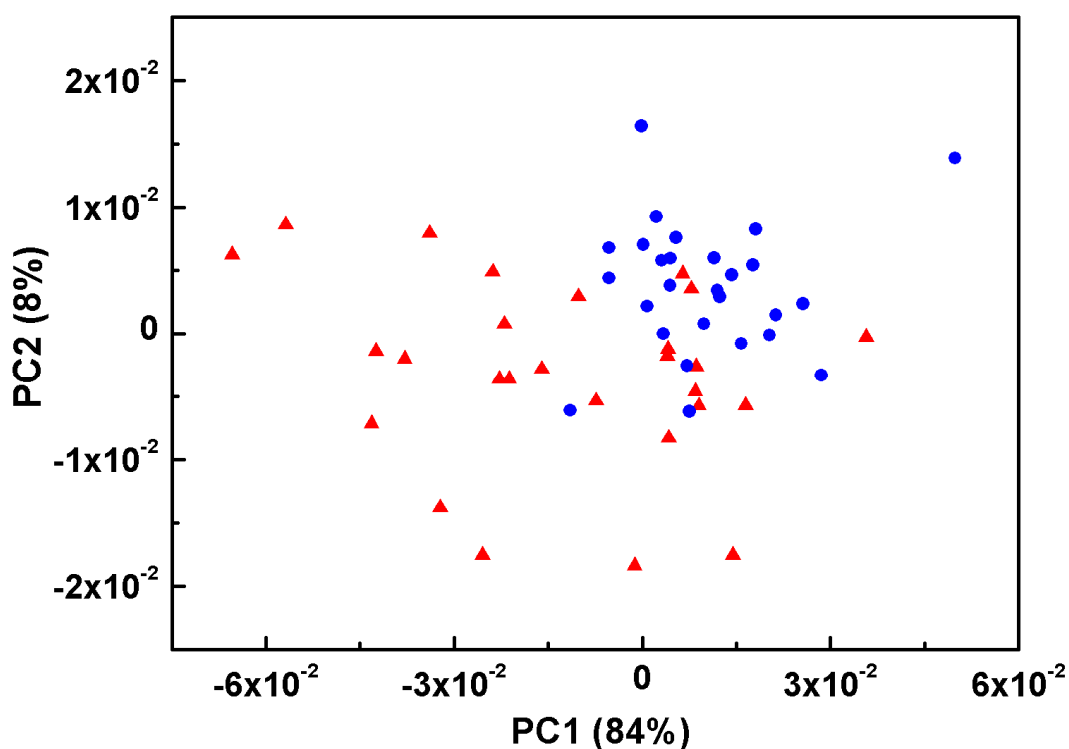*Fig. S8 – The results of PCA for the FT-IR spectra (1760 – 980 cm^{-1}) of human blood plasma from patients with colon cancer (▲) and healthy controls (●)*