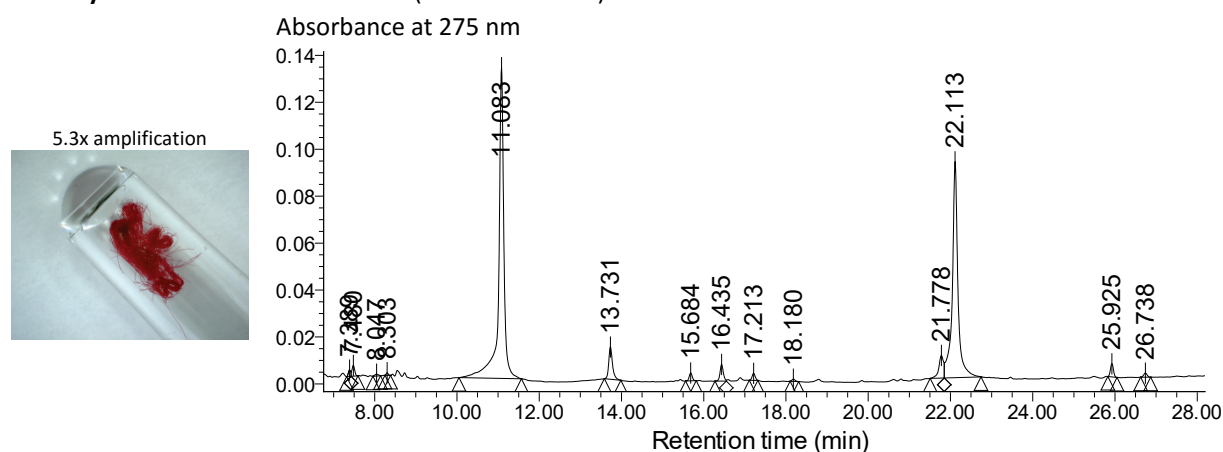


APPENDIX 9

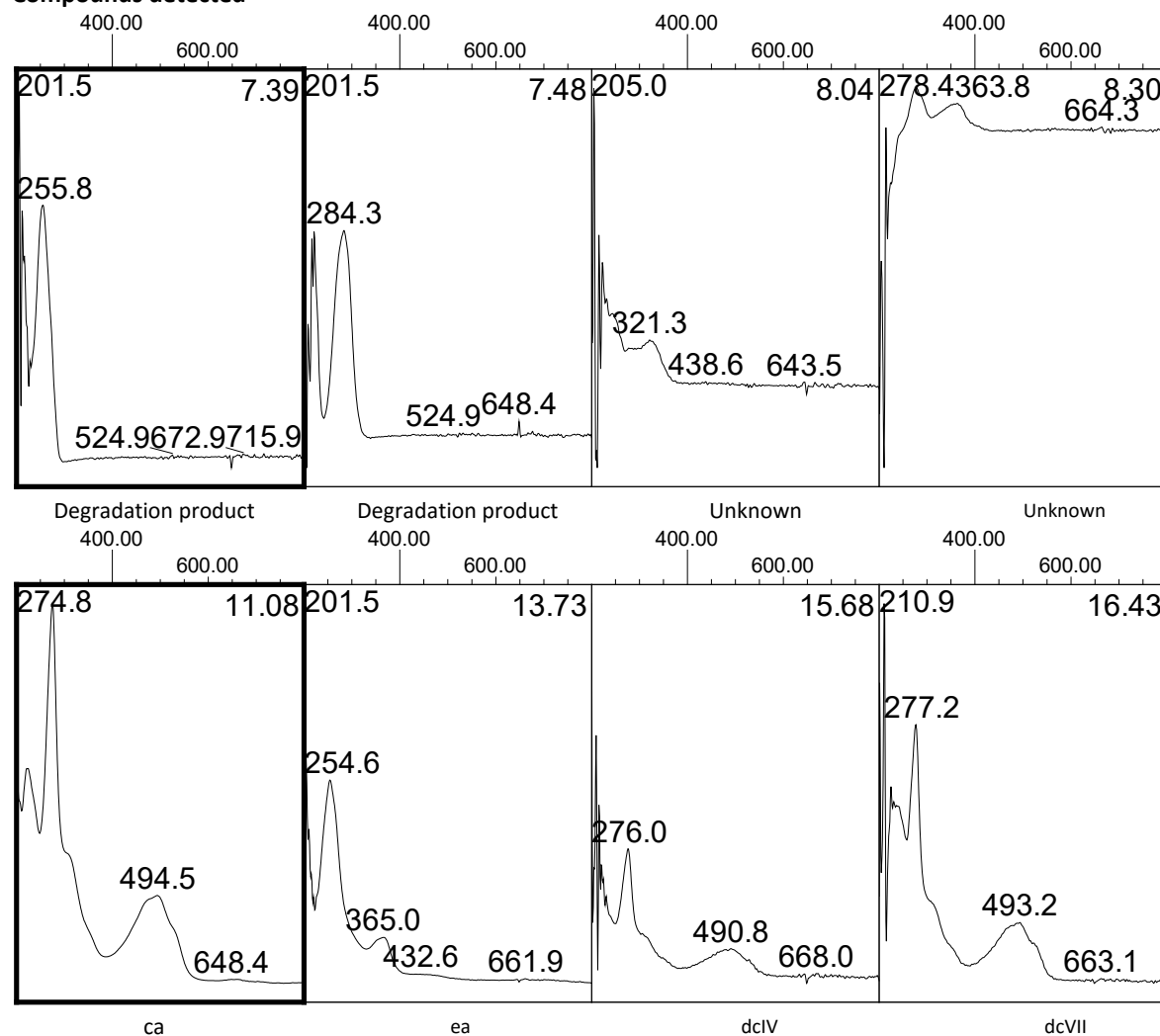
Examples of UHPLC-PDA results of historical fibres in which unknown compounds were reported.

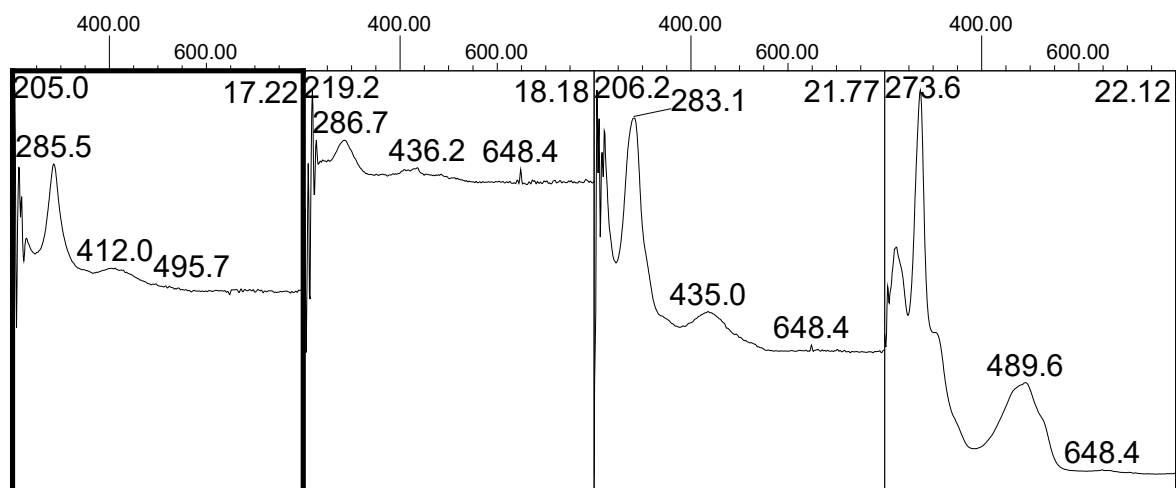
Museum IN: MT33357 Date: 2nd half of the 15th cent. Provenance: Italy

Pile - dyestuff attribution: cochineal (no dclI detected) + kermes + tannins



Compounds detected





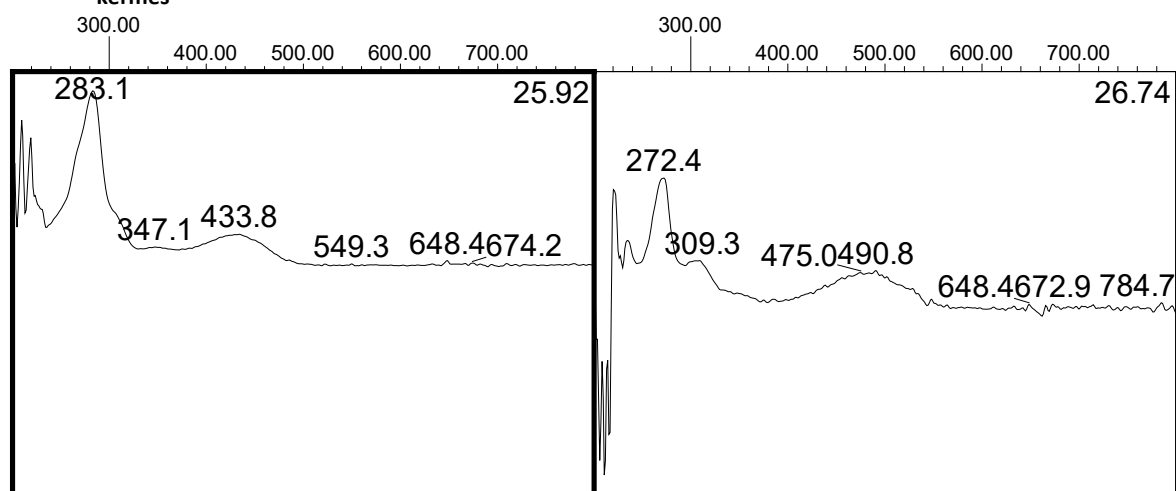
Unknown compound from

kermes

fk eq.

fk

ka



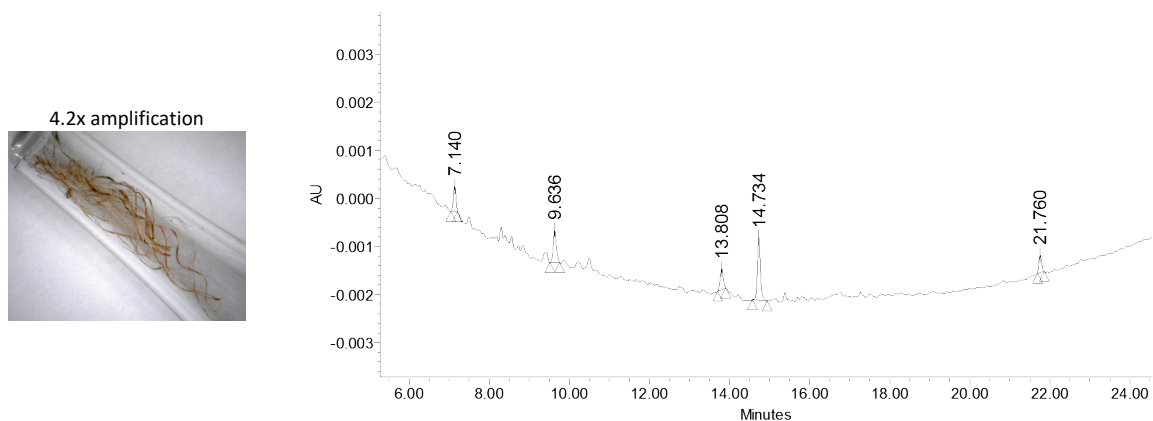
Fk eq.

Ka eq.

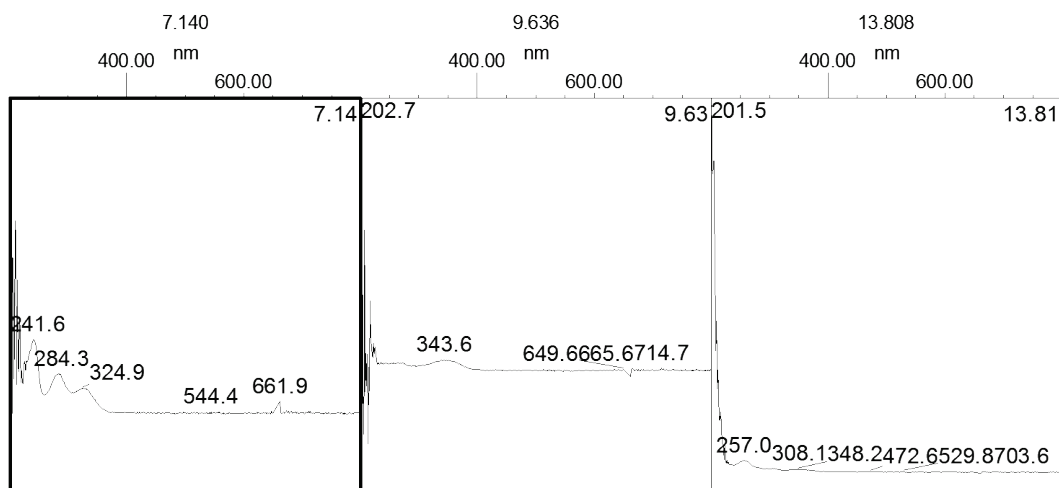
Museum IN: MAKT8473-1 and -2 Date: around 1500 Provenance: Italy

(d) warp or weft - dyestuff attribution: brazilwood type + indigo/woad

Absorbance at 350 nm



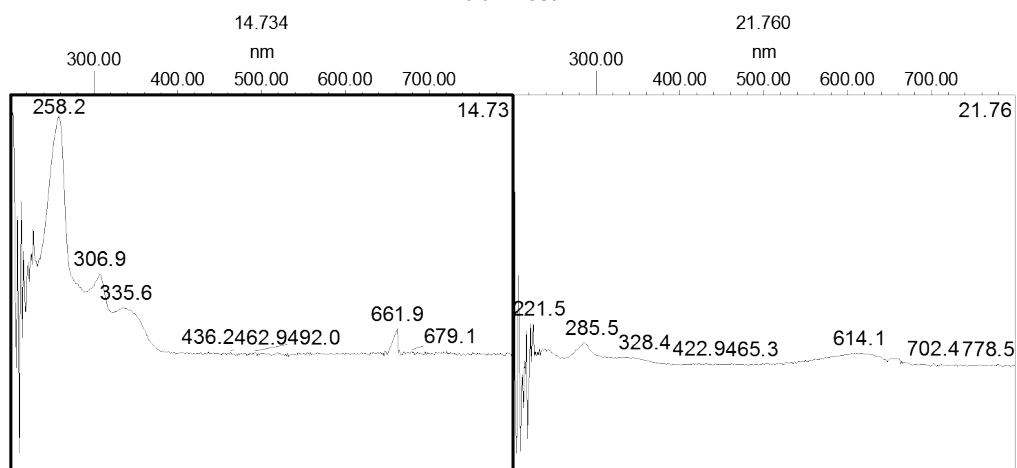
Compounds detected



Type c component eq.

Unknown yellow compound from
brazilwood

Type c component eq.

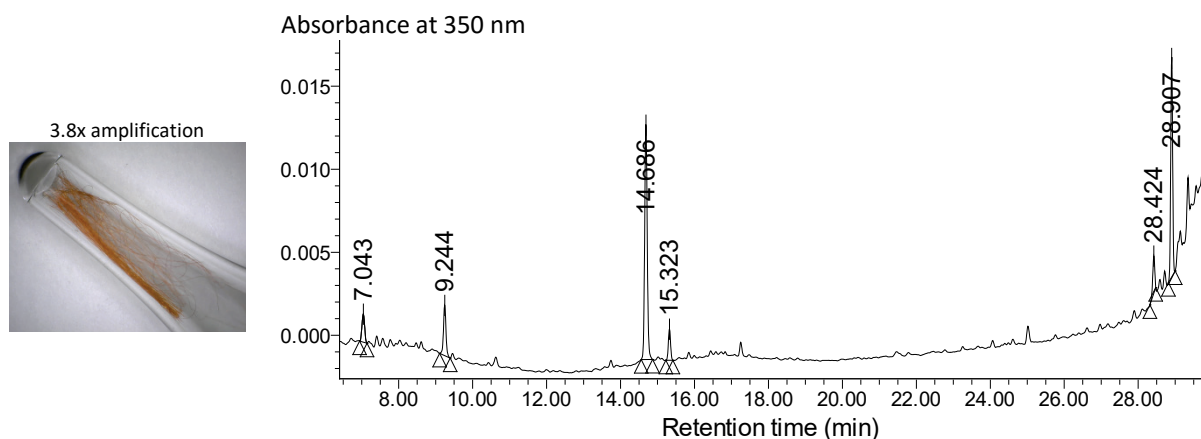


Type c component

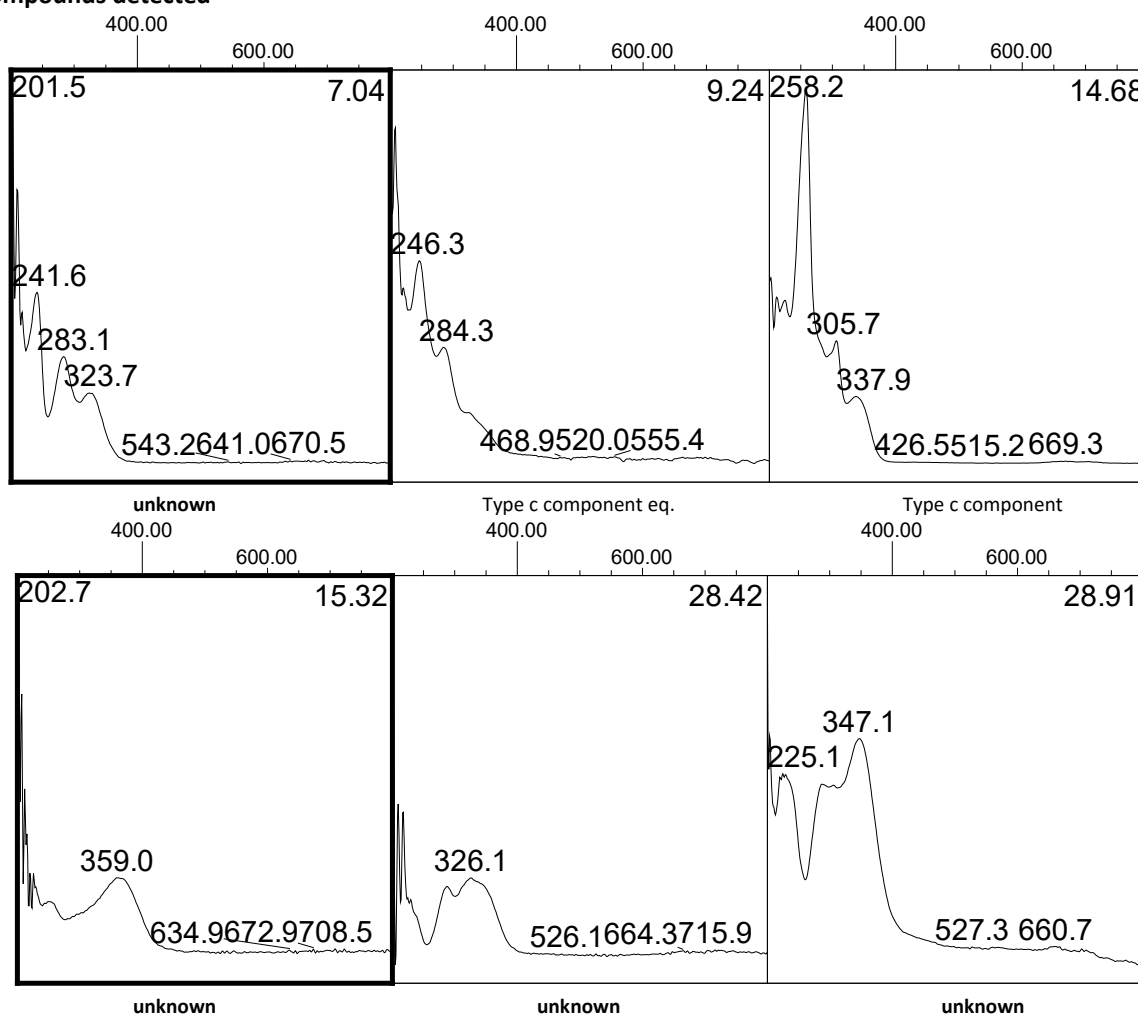
indigotin

Museum IN: V&A850-1873 Date: mid-17th cent. Provenance: Iran (or India?)

(c) orange (outline) - dyestuff attribution: brazilwood type + unknown compounds



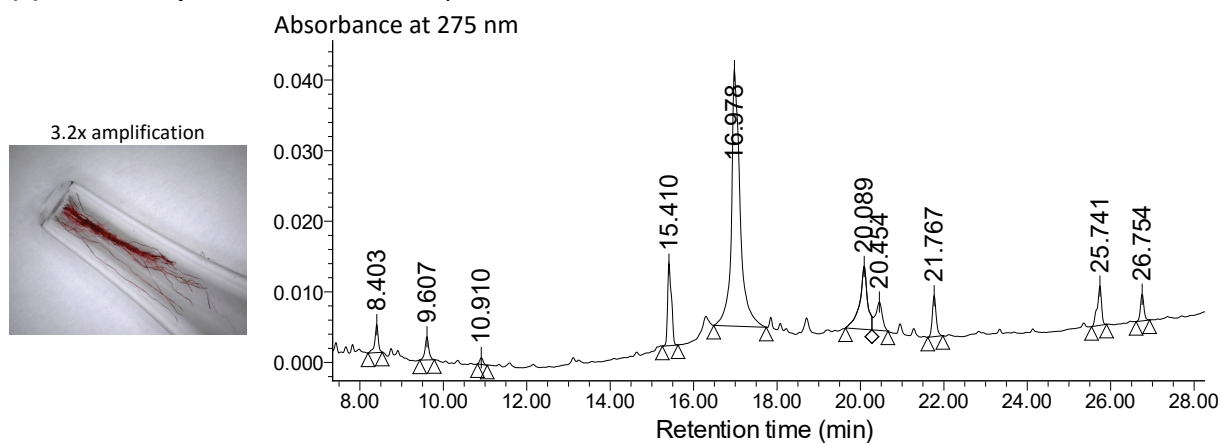
Compounds detected



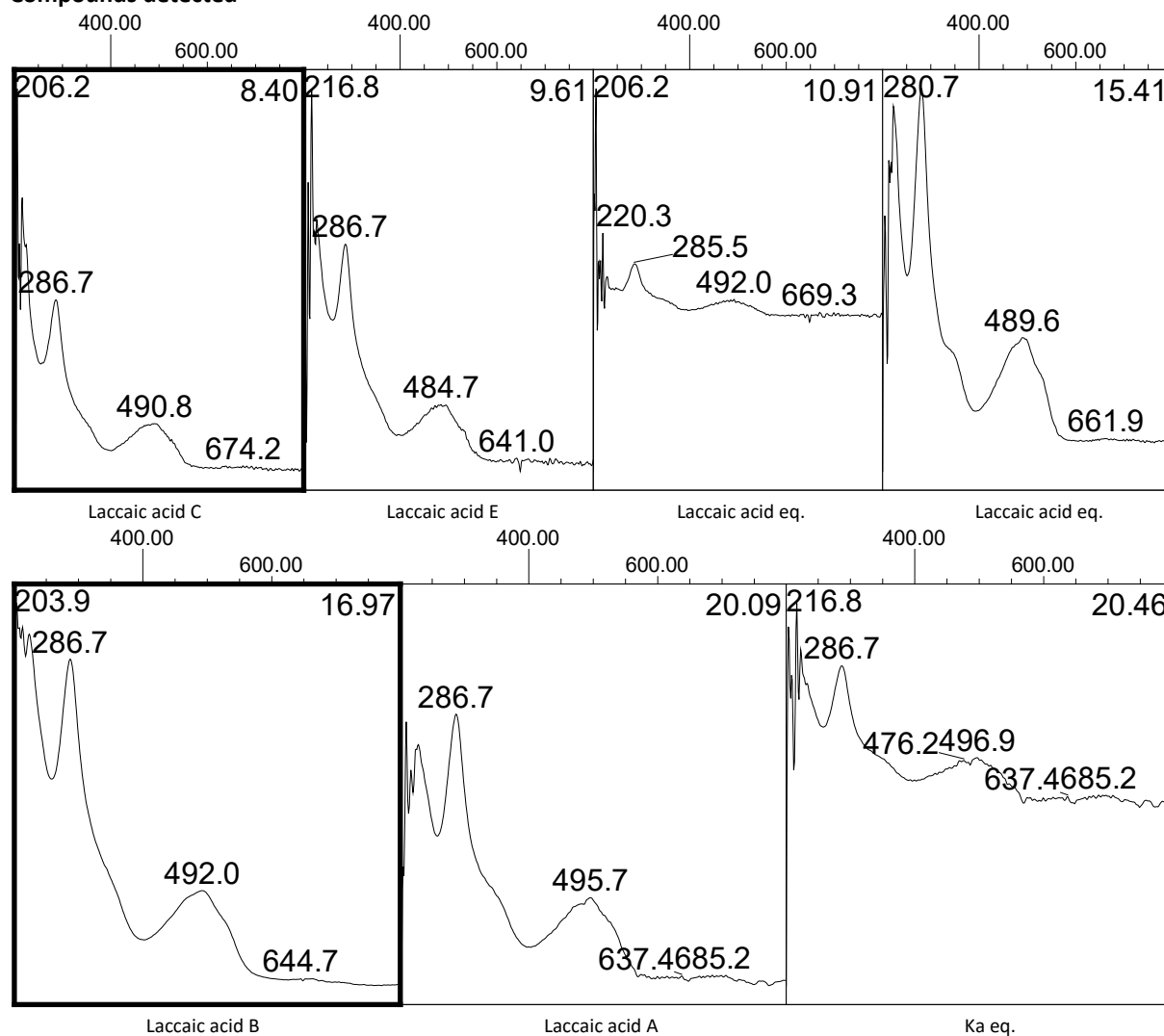
Museum IN: IS.365-1992

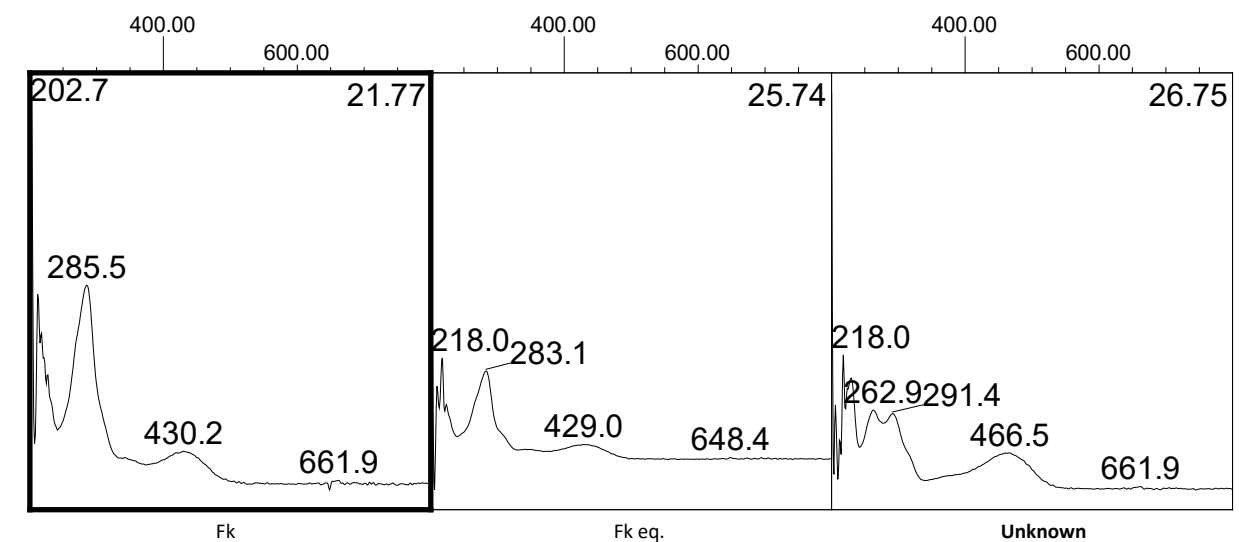
Date: mid-16th century Provenance: India, Assam

(b) red weft - dyestuff attribution: lac dye



Compounds detected

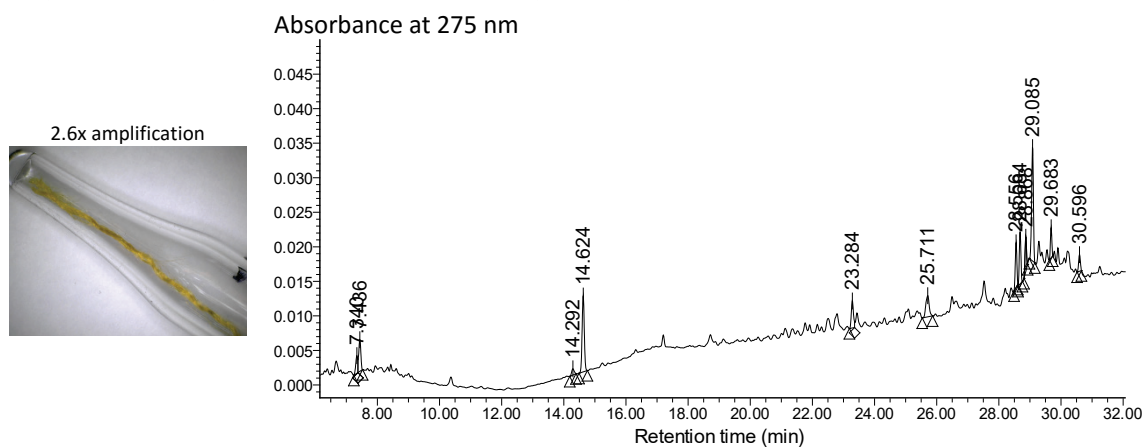




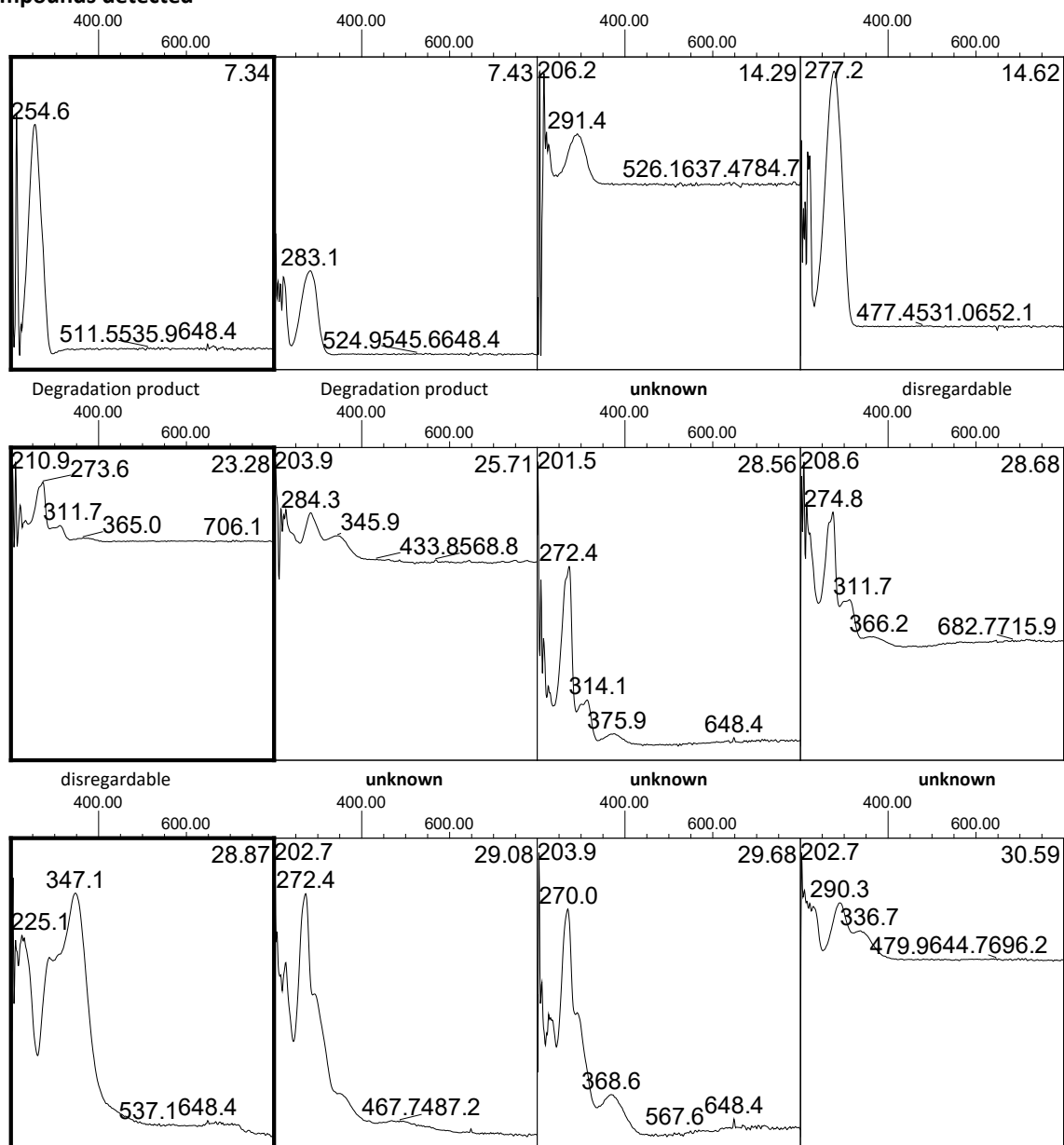
Museum IN: IS.365-1992

Date: mid-16th century Provenance: India, Assam

(c) yellow weft - dyestuff attribution: unknown yellow dye plant



Compounds detected



unknown

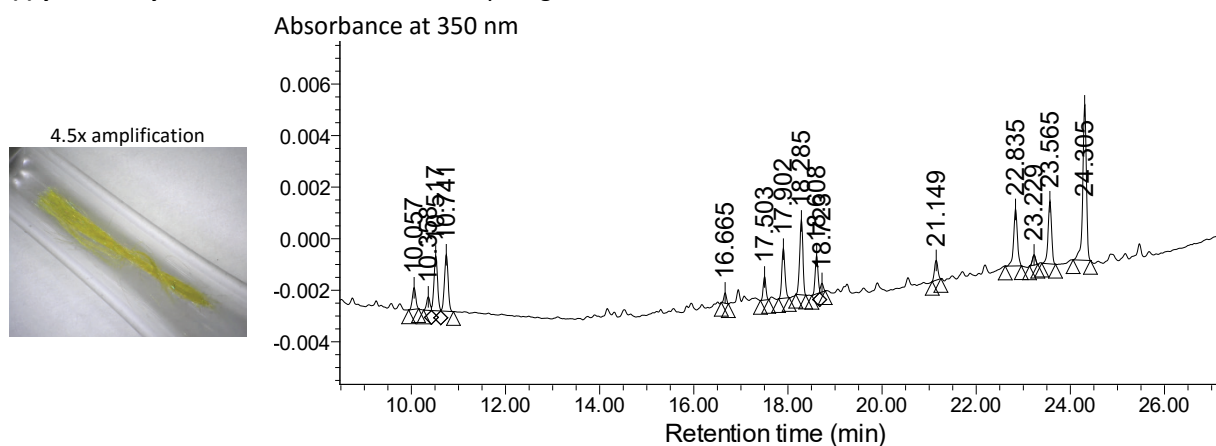
unknown

unknown

unknown

Museum IN: V&A320A-1898 Date: mid-17th century Provenance: India

(f) yellow - dyestuff attribution: curcuma + young fustic



Compounds detected

