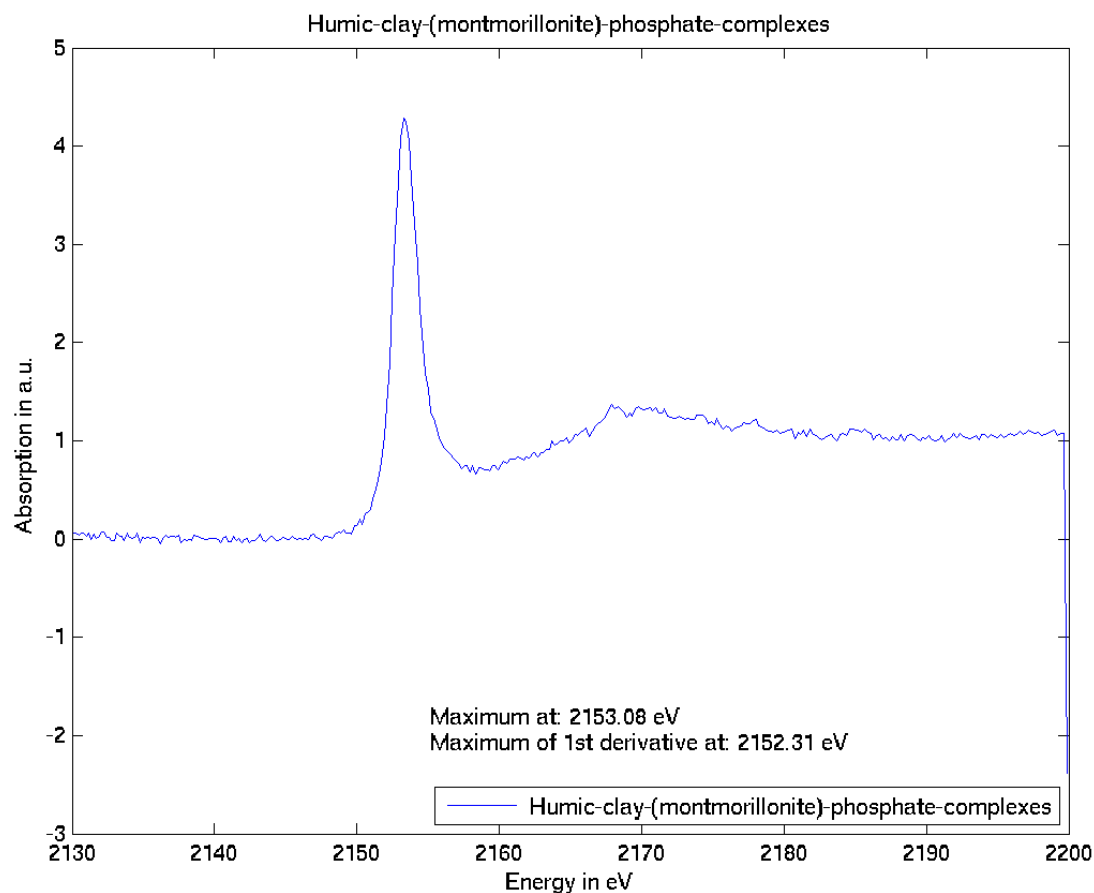


## Humic-clay (montmorillonite)-phosphate-complexes



Phosphorus type: **(Na, Ca)<sub>0.3</sub> (Al, Mg)<sub>2</sub> Si<sub>4</sub>O<sub>10</sub> (OH)<sub>2</sub> \* nH<sub>2</sub>O –humic acid complexes / terrestrial organic phosphorus**

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Origin: **synthetic, as described in Giguet-Covex et al. 2013**

CAS: -

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Acquisition mode: **fluorescence**

Monochromator: **Si(111)**, calibrated in energy by fixing the position of the maximum of the white-line of hydroxyapatite (Ca<sub>5</sub>(PO<sub>4</sub>)<sub>3</sub>(OH)) at **2152.7 eV**

Max of the “white-line” (s → p electronic transition) at **2153.08 eV**

Max of the first derivate (taken for normalisation) at **2152.31 eV**

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Comments:

Additional Information: