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(54) Title: ALKYLATED HYDROXYAROMATIC COMPOUND SUBSTANTIALLY FREE OF ENDOCRINE DISRUPTIVE CHEMICALS

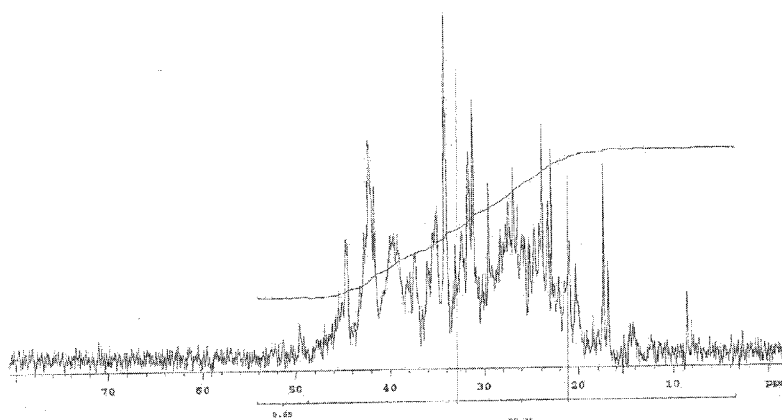


FIGURE 1

(57) Abstract: An alkylated hydroxyaromatic compound is disclosed which is prepared by reacting at least one hydroxyaromatic compound with at least one branched olefinic propylene oligomer having from about 20 to about 80 carbon atoms in the presence of an acid catalyst, wherein the at least one branched olefinic propylene oligomer is substantially free of any vinylidene content. The alkylated hydroxyaromatic compound has been determined to be substantially free of endocrine disruptive chemicals when the effects were quantified on pubertal development and thyroid function in the intact juvenile female rat.

