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**(57) Abstract :**

In accordance with the present invention, phenols may be identified through the utilization of an electrochemical sensor that contains a first compound, a working electrode, and an electrolyte in contact with the working electrode, wherein the first compound operatively undergoes a redox reaction at the working electrode to form a second compound that operatively reacts in situ with the phenol, wherein said redox reaction possesses a detectable redox couple, and wherein the sensor is adapted It's possible that the phenol is anything like a cannabinoid or a catechin molecule.

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