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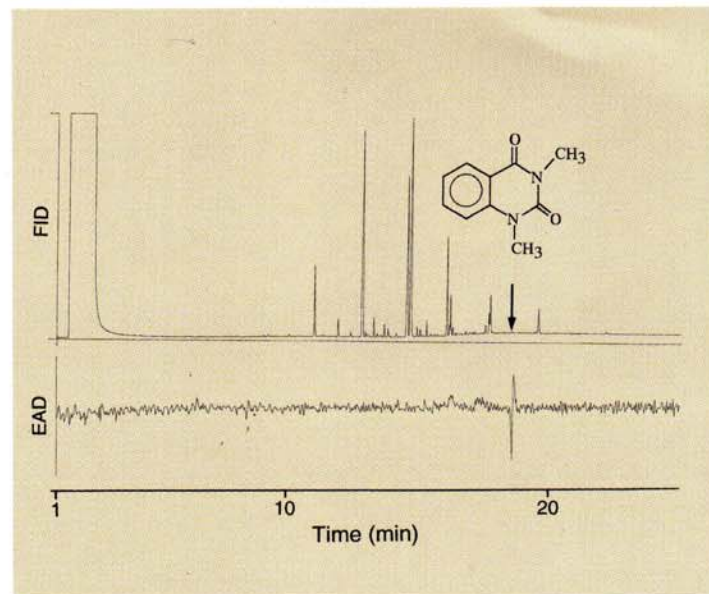


Figure 1 Parallel flame ionization detector (FID) and electroantennographic detector (EAD) chromatograms obtained from the injection of 5 female equivalents of the whole-body extract (ether) of female *P. diversa*. Chromatographic resolution was obtained on a BP-20 SGE capillary column operated at 100 °C for 1 min, rising 10 °C min⁻¹ to 260 °C, and held at this temperature for 10 min. A male antenna exposed to the effluent from a gas chromatograph responded only to a tiny FID peak (arrow). Top right, molecular structure of the EAD-active compound.

Leal, Zarbin, Wojtasek, Kuwahara, Hasegawa, and Ueda. Medicinal alkaloid as a sex pheromone. *Nature* 385, 213.