CAROB MOTH SEX PHEROMONE ISOLATION AND IDENTIFICATION

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Summary
The GC/EAG technique has been used to successfully isolate active components of the carob moth pheromone. Chemical structures have been partially elucidated by this technique and by retention times on two different capillary GC columns. Analysis by high-resolution GC-mass spectrometry is underway to definitively prove the structure of the major and minor components. Attempts are now being made to obtain the appropriate synthetic compounds of behavioral testing in the laboratory wind-tunnel.