F. D. Hileman

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APR 24 1984

J. J. Brooks
J. H. Craddock
A. M. Ford
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Thermal Decomposition of Trichlorobenzenes

13 March 1984 Memo - J. D. Wilson
Thermal Production of PCDFs from 1,2,4-Trichlorobenzenes
J. D. Wilson

I talked to Wayne Ruby from University of Dayton Research Institute (UDRI) about thermal degradation studies they have carried out on chlorobenzenes (CBs). He said that they have carried out this work looking at the degradation rates of various CBs. This work is reported in a Master's Thesis by Juan Torres entitled "Thermal Decomposition of Chlorinated Benzenes" - December 1982, Department of Chemistry, University of Dayton. In this work they did not look for products of incomplete combustion (PIC) but are capable of doing this now.

The person to contact at UDRI is:

Dr. Barry Dellinger
University of Dayton Research Institute
University of Dayton
300 College Drive
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Parameters that can be controlled in their thermal decomposition studies include: Oxygen content, gas phase temperature, mean residence time, admixture composition (Cl_2, H_2O, etc.). If you need additional information contact either Barry of myself.

Fred

Fred D. Hileman

FDH:bd

G.C.

cc: Craddock - John,
Should we refer Ray Boykin + Pickard, Lowe to the paper? When things settle we need to talk about work in this area -
JGN

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