Monsanto INDUSTRIAL CHEMICALS CO.

FROM (NAME & LOCATION) R. E. Keller - T1B

DATE August 25, 1972

SUBJECT CHLORODIBENZOFURANS

REFERENCE JRS 6/13/72 Memo to WRR

TO : W. R. Richard
T3A

cc J. R. Savage - B2SL
C. Paton - B2SC
J. P. Mieure - T2B
M. W. Dietrich - T2B

The reference memo covered a request for a method for chlorodibenzofurans in PCB products for routine plant use. As you know, we currently have a gas chromatography/mass spectrometry method for furans in PCBs. One of the shortcomings of this procedure is that the separation of furans is incomplete from PCBs which requires the use of mass analysis for quantitative measurements. For routine plant use, a refined GC method which will provide total separations is needed. Jim Mieure advises that at least 3 man weeks would be required to develop a suitable procedure with a 50/50 chance of success.

Please let us know where this project stands and if work should be initiated. As a reminder, Jim comments that we have never observed chlorodibenzofurans in our unused Aroclor 1200 series products using a method with a detection limit of 1 ppm.

REK

R. E. Keller

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