Monsanto

FROM : R.A. Lidgett - Ruabon

DATE : 30th July, 1969.

SUBJECT :

REFERENCE : RAL/meh

TO : R.E. KELLER - St. Louis (S. Second St.)

CC. R.A. Baxter
W. Richard
E.P. Wheeler
E. Scott Tucker
} St. Louis

Recently I had a telephone call from A. Richardson of Shell Research (Tunstall Laboratories), Sittingbourne. He is in the middle of characterising the peaks in an Aroclor 1248 chromatogram and wanted to know whether Monsanto had already done this. His present approach is via "spiking" with known components and also (probably) by mass spectrometry. I have sent him samples of four pure compounds as I think that he is quite prepared to exchange analytical data with us. In this respect I have arranged to meet him at Shell on Friday, 8th August to talk generally on the analytical problem. He has mentioned that Shell can now (tentatively) differentiate between chlorobiphenyl residues and DDT residues - this is achieved I believe by an oxidation process when the DDT materials are converted to ketonic derivatives and the chlorinated biphenyls are unchanged - column chromatography can then be used for separation.

Richardson is also in fairly close contact with J.H. Koeman (Nature 221, March 22nd 1969) and if necessary, can arrange a meeting.

We should be starting analyses by August 1st - the Ni^{63} detector has been guaranteed delivery on 31st of this month.

R.A. LIDGETT

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