Monsanto

JAN 22 1968

FROM (NAME & LOCATION) W. R. Richard - Research Center

DATE January 18, 1968

SUBJECT CHLORINATED HYDROCARBONS RESIDUE IN GULLS AND VARIOUS SHORE BIRD SPECIES

REFERENCE A. Heininger to CEA and ER 1/8/68

TO C. E. Anagnostopoulos - CANAG

CC:

E. S. Robson	EROBS
R. E. Bilger	RBILG
D. B. Hosmer	DHOSM
W. K. Johnson	WJOHN
R. E. Kelly/ W. H. Hunt	RKELL
R. M. Parks	RPARK
R. E. Keller	JFQ
T. K. Smith Jr.	TSMIT
E. Wilde	EWILD
C. Paton	CPATO

~~Fatty Stuff Fatty~~ 'Aroclor'

I called Mr. Francis Coon at the Wisconsin Alumni Research Foundation. Mr. Coon is examining tissues from shore birds for trace quantities of pesticide residues. Previous results had given unidentified peaks in gas chromatographic analysis. Following the work reported by Jensen and Widmark at U. of Stockholm and by Holmes, Simmons, Tatton (Nature 216 Pg. 227, 1967) he is reexamining tissues up to 4 years old to see if the unknown peaks are chlorinated biphenyls or chlorinated terphenyls. The customer in this case is Director of Wildlife Research, Dept. of Interior. Walter W. Dykstra is one of the top men.

Mr. Coon indicated that the Division of Wildlife Laboratories, Dept. of Interior, had been working with Aroclor 1242, 1248, 1254 and 5442. He requested 50-100 g. quantities of the same materials which I agreed to send. He was told these were not pure compounds but contained numerous isomers of chlorinated biphenyl and terphenyl. These will be used as standards in gas chromatograms using electron capture detection to compare with unknowns from tissues.

Mr. Coon said he was also working for other customers on this same subject but he declined to name who they were. He also said we should expect a publication on this same subject eminating from California. He had read this unpublished report.

Mr. Coon will discuss results with us from time to time provided they do not conflict with the interests of his clients.

WRR.

W. R. Richard

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