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178/060

A diff. 'drug' e.g. 'amphetamine' 'chlorpromazine' 'diazepam'
L 'phenobarbital' 'cannabinoid' hashish 'LSD' 'clonidine'
'morphine' 'tolbutamide' diff. 'antihistamine' 'phenytoin' qual.
det. by 'gaschromatography' in blood cf. urine relation to
'safety' traffic-med. human /I/ /III/ /IV/ /V/ /IX/ /XII/ /XXVI/
/XXXII/

Pharm. Weekbl. 110, No. 23, 496-98 /1975/

Twente R T, Theeuwes A B E, Verwey A M A /Rijswijk, Neth./
Enige ervaringen met een gaschromatografische methode voor
kwalitatief geneesmiddelenonderzoek in klein hoeveelheden bloed of
urine.

Results of qualitative tests for various drugs (by GLC using either 3% OV-17 or 5% Apiezon L/5% KOH as stationary phase and listed retention times for identification) found in the blood or urine or persons on whom blood alcohol tests have been performed are presented. Of a total of 14934 such cases during 1974, drugs were detected in 2014 cases, including diazepam in 375 and chlordiazepoxide in 172. Other drugs included amitriptyline, barbiturates, Bellergal, bromisoval, carbamazepine, carbromal, chlorpromazine, chlorprothixene, chloral hydrate, cinnarizine, clomipramine, clonidine, clonitoxol, cocaine, codeine, dextromoramide, diamorphine, disulfiram, Dolviran, Dormopan, doxepin, phenacetin, fenfluramine, phenobarbital, phenylbutazone, phenytoin, flupentixol, flurazepam, glafenine, haloperidol, hashish, imipramine, indometacin, levomepromazine, Librax, Limbitrol, lorazepam, LSD, Mandrax, mebhidrolin, medazepam, meprobamate, methadone, methaqualone, methylidopa, methylphenobarbital, Metodril, morphine, sodium 2-propylvalerate, nicomorphine, nitrazepam, nortriptyline, noxiptiline, opipramol, orphenadrine, oxazepam, oxyphenecyclimine, paraldehyde, pecazine, pentazocine, perazine, perphenazine, periciazine, pizotifen, primidone, promethazine, reserpine, thiazinamium, thiopropazate, thioridazine, tolbutamide, trifluorpromazine, trimipramine, tripeleminamine, Vesparax and wekaminine. In addition results of 132 cases in which the blood alcohol was low (less than 1.00%) are given, in which the behavior of the persons concerned could only be explained by the presence of drugs. In these cases the presence of drugs stated to have been taken was often confirmed, although negative results were sometimes obtained. Additional drugs involved in these cases include amphetamine, brallobarbitol, butobarbitol, cyclobarbitol, dimetracine, ephedrine, phenmetrazine, heptobarbitol, hexobarbitol, meclozine, methamphetamine, pentobarbitol and secobarbitol.

2 Tab. 3 Ref.

HR/TMH

LSD

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