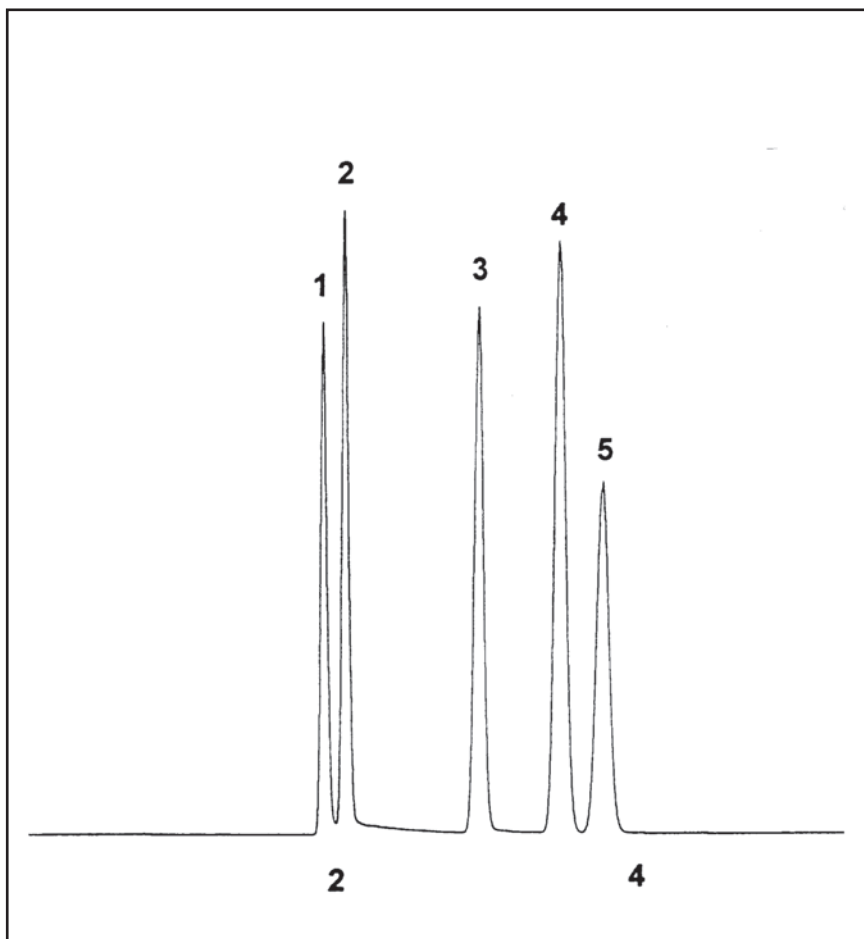


GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Blood Alcohols

Column: 007-1, Bonded
Dimethylpolysiloxane
30M. x 0.32mm I.D. x
10.0µm film
Cat. No.: 007-1-30W-10.0F
Temperature: 40° (3 min. hold)
(12°/min.) -200°C
Injector: 200°C
Detector: 250°C, FID
Carrier: 40 cm/sec., Helium

1. acetaldehyde
2. methanol
3. ethanol
4. acetone
5. isopropanol



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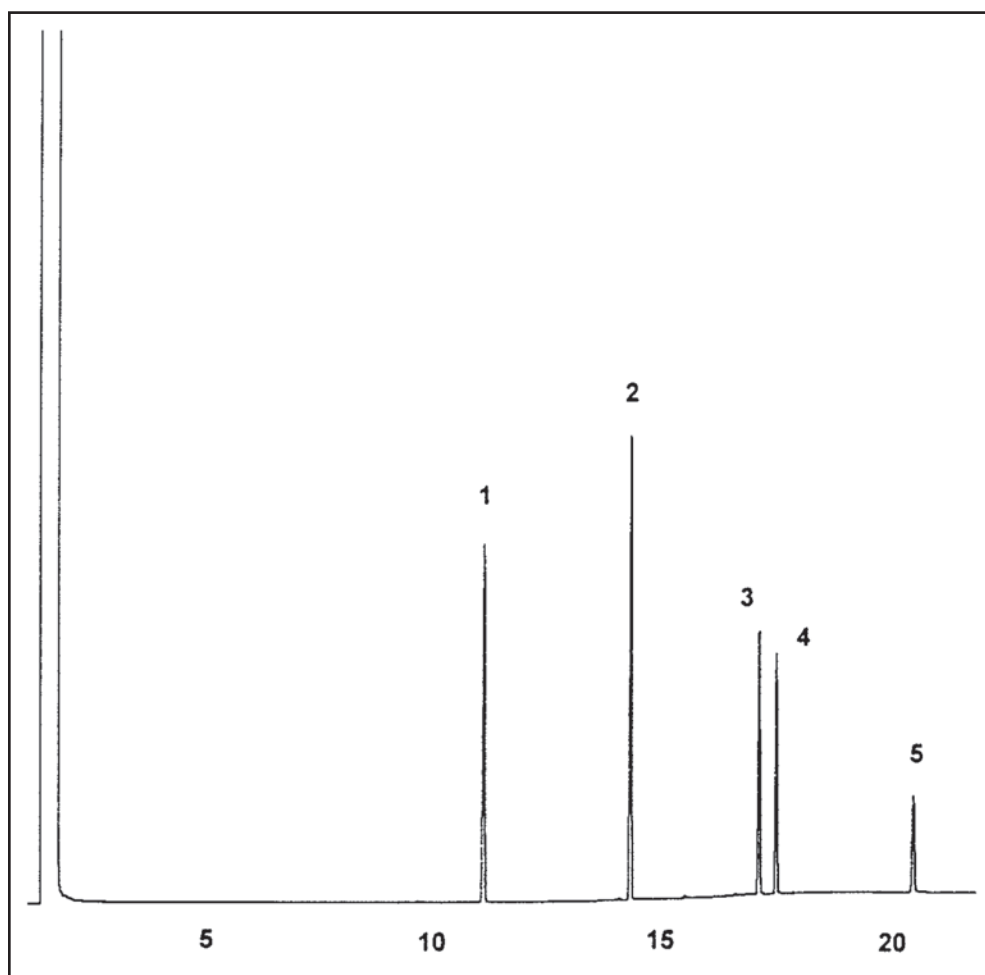
GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

QUIK CHEK™ Depressants

QUIK-CHEK is a trademark of
Alltech Associates

COLUMN:	007-1301, 6% Cyanopropyl Phenyl Methylpolysiloxane 30M. x 0.25mm I.D. x 0.5µm film
Cat. No.:	007-1301-30-0.5F
Temperature:	140° (8°/min.) - 300°C
Injector:	225°C
Detector:	310°C, FID
Carrier Gas:	30 cm/sec., Helium

1. Glutethimide
2. Carbromal
3. Methaqualone
4. Chlorpromazine
5. Diazepan



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GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Residual Solvents in Drugs (USP Method 467)

COLUMN: 007-624,
Cyanopropyl Phenyl
Methylpolysiloxane 30M. x
0.53mm I.D. x 5.0µm film

Cat. No.: 007-624-30V-5.0F

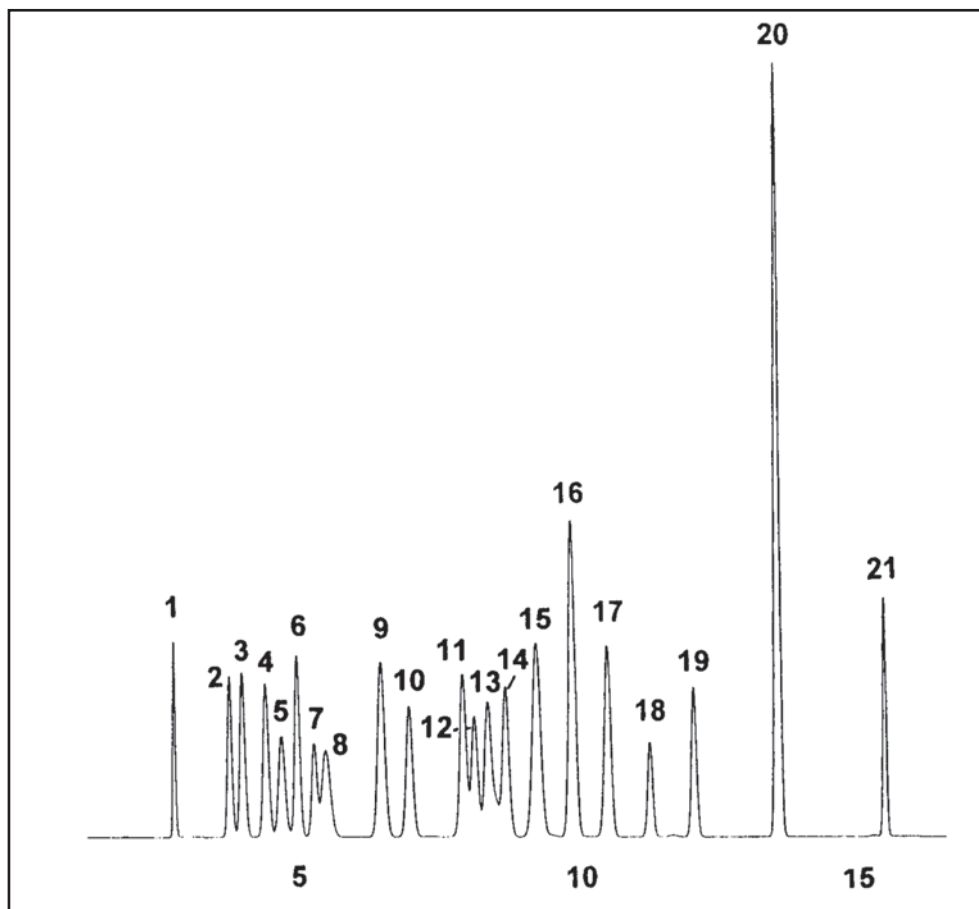
Temperature: 50° (5 min. hold)
(5°/min.) - 70° -
(8°/min.) - 220°C

Injector: 220°C

Detector: 300°C, F.I.D.

Carrier Gas: 10ml/min., Helium

1. methanol
2. ethanol
3. diethylether
4. acetone
5. isopropyl alcohol
6. acetonitrile
7. methylene chloride
8. tert-butanol
9. hexane
10. propanol
11. ethyl acetate
12. methyl ethyl ketone
13. chloroform & pyridine
14. sec-butanol &
tetrahydrofuran
15. cyclohexane
16. benzene
17. heptane
18. trichloroethylene
19. dioxane
20. toluene
21. dimethylformamide



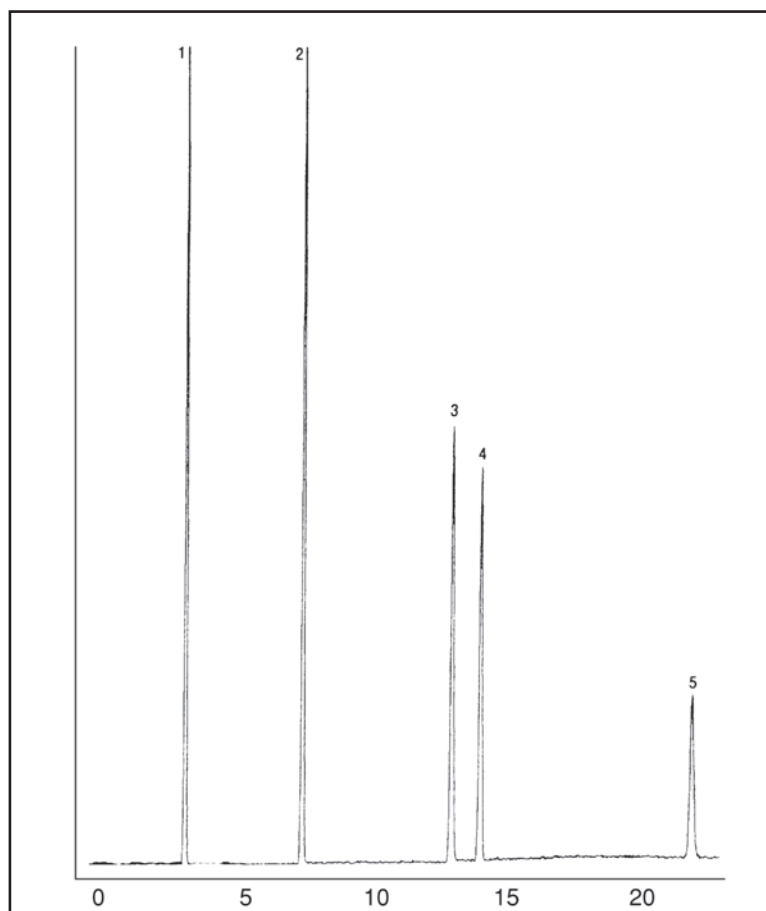
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GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Antidepressants

COLUMN: 007-1701,
(14% Cyanopropylphenyl)
Methylpolysiloxane
30M. x 0.25mm I.D. x
0.25µm film
Cat. No.: 007-1701-30-0.25F
Temperature: 120°(20°/min.)
- 200° - (10°/min.) - 290°C
Injector: 250°C
Detector: MSD
Carrier Gas: 31 cm/sec., Helium

1. Glutethimide
2. Methaqualone
3. Diazepam (Valium)
4. Chlorpromazine
5. Flurazepan



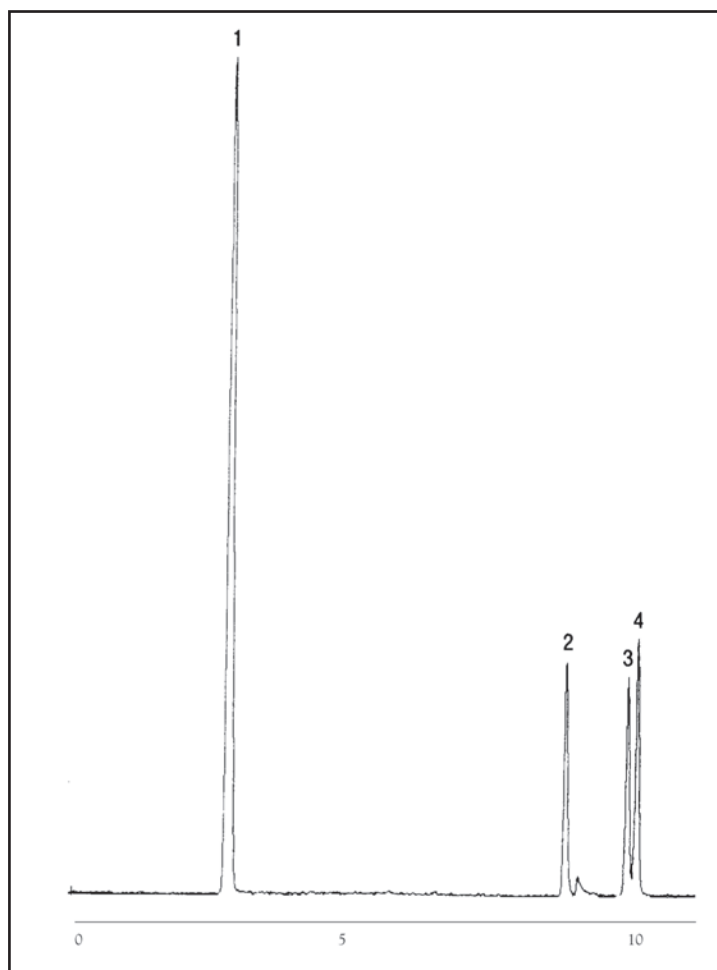
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GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Mace

Column: 007-17, (50% Phenyl)
Methylpolysiloxane
25M. x 0.25mm I.D. x
0.25µm film
Cat. No.: 007-17-25-0.25F
Temperature: 100° (1 min. hold)
(10°/min.) -280°C
Injector: 220°C
Detector: MSD
Carrier Gas: 28 cm/sec., Helium

1. 2-Chloroacetophenone
2. contaminant
3. contaminant
4. o-Chlorobenzal malononitrile



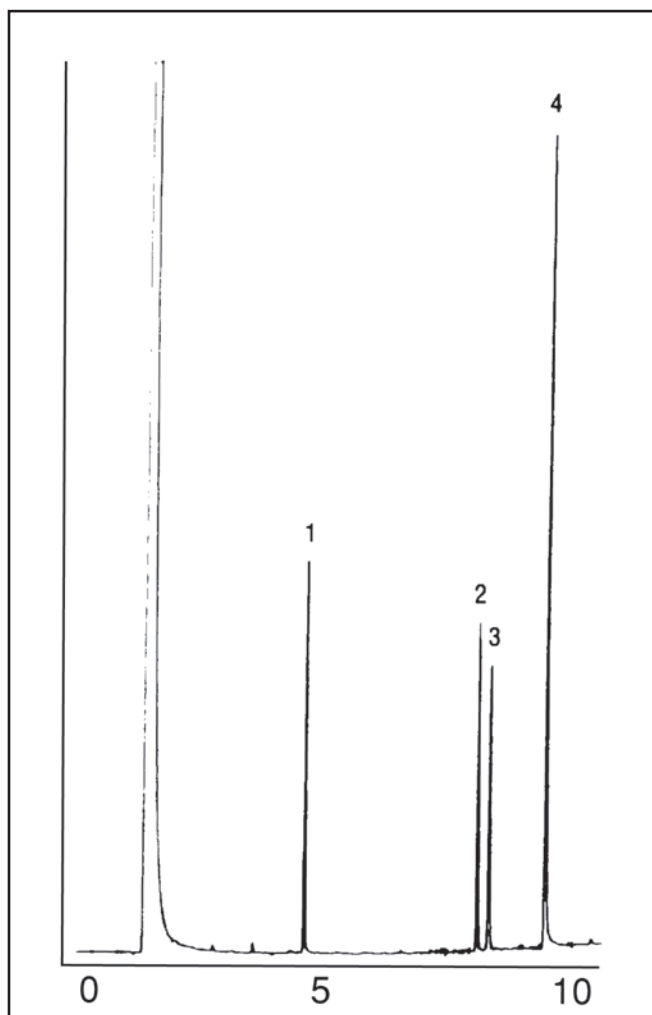
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GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Morphine Substitute Standards

COLUMN: 007-17, (50% Phenyl)
Methylpolysiloxane 25M. x
0.32mm I.D. x 0.25µm film
Cat. No.: 007-17-25W-0.25F
Temperature: 170° (10°/min.) -280°C
Injector: 230°C
Detector: 300°C, FID
Carrier Gas: 23 cm/sec., Helium

1. Meperidine
2. Pentazocaine
3. Methadone
4. d-Methorphan



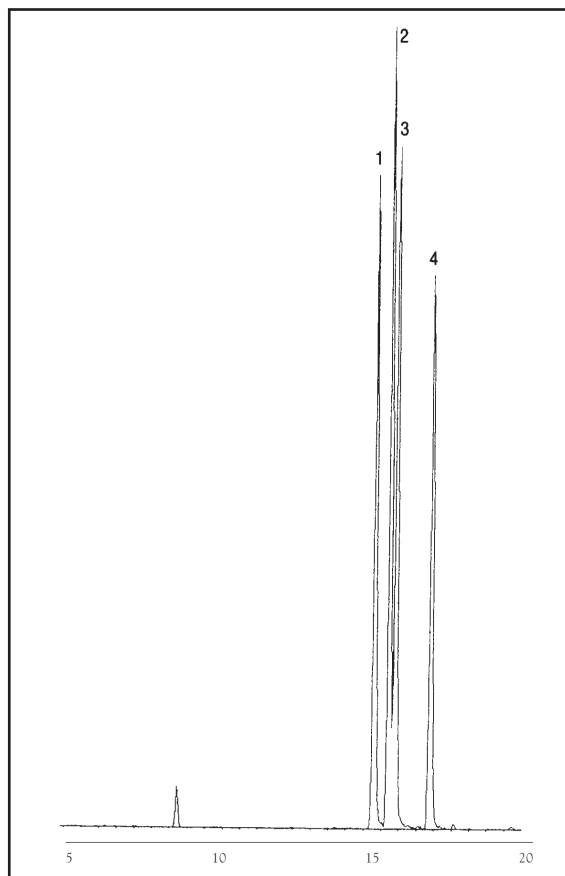
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GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Schedule II Depressants

COLUMN: 007-1701,
(14% Cyanopropylphenyl)
Methylpolysiloxane
25M. x 0.25mm I.D. x 0.25µm film
Cat. No.: 007-1701-25-0.25F
Temperature: 90° (1.5 min. hold)
(10°/min.) -300°C
Injector: 220°C
Detector: MSD
Carrier Gas: 28 cm/sec., Helium

1. Amobarbital
2. Secobarbital
3. Phencyclidine (PCP)
4. Pentobarbital



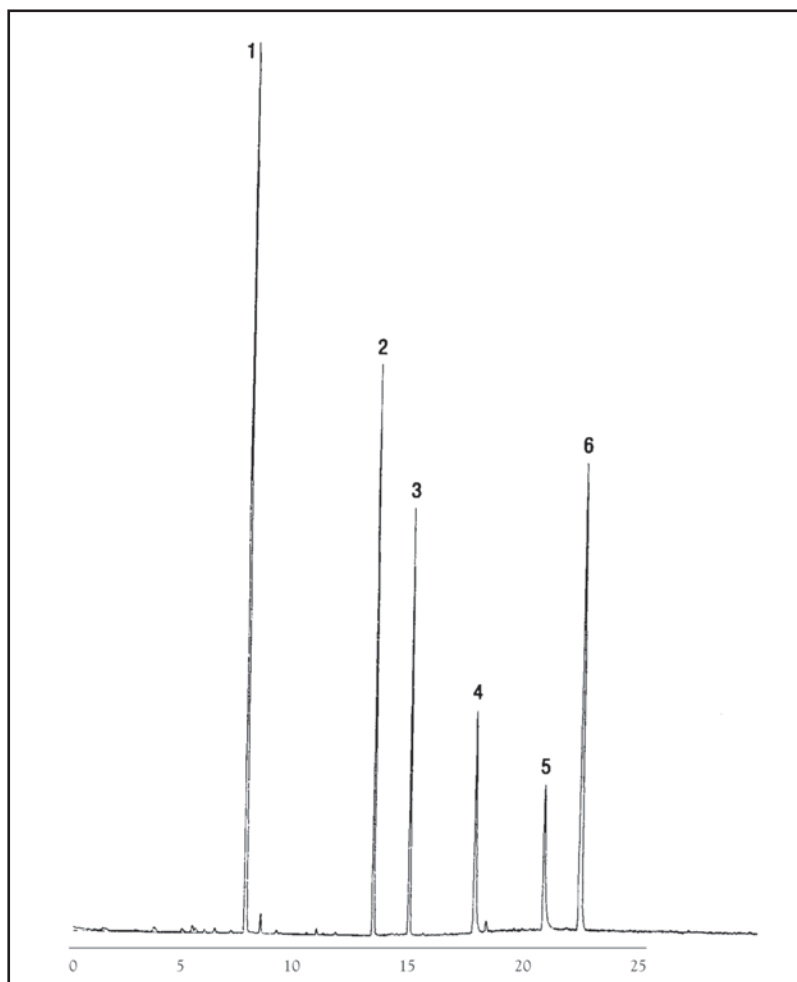
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GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Schedule II Opiates

COLUMN: 007-1701,
(14% Cyanopropylphenyl)
Methylpolysiloxane
30M. x 0.25mm I.D. x 0.25µm film
Cat. No.: 007-1701-30-0.25F
Temperature: 150° (10°/min.) -300°C
Injector: 250°C
Detector: MSD
Carrier Gas: 28 cm/sec., Helium

1. Meperidine
2. Methadone
3. Cocaine
4. Codeine
5. Oxycodone
6. Fentanyl



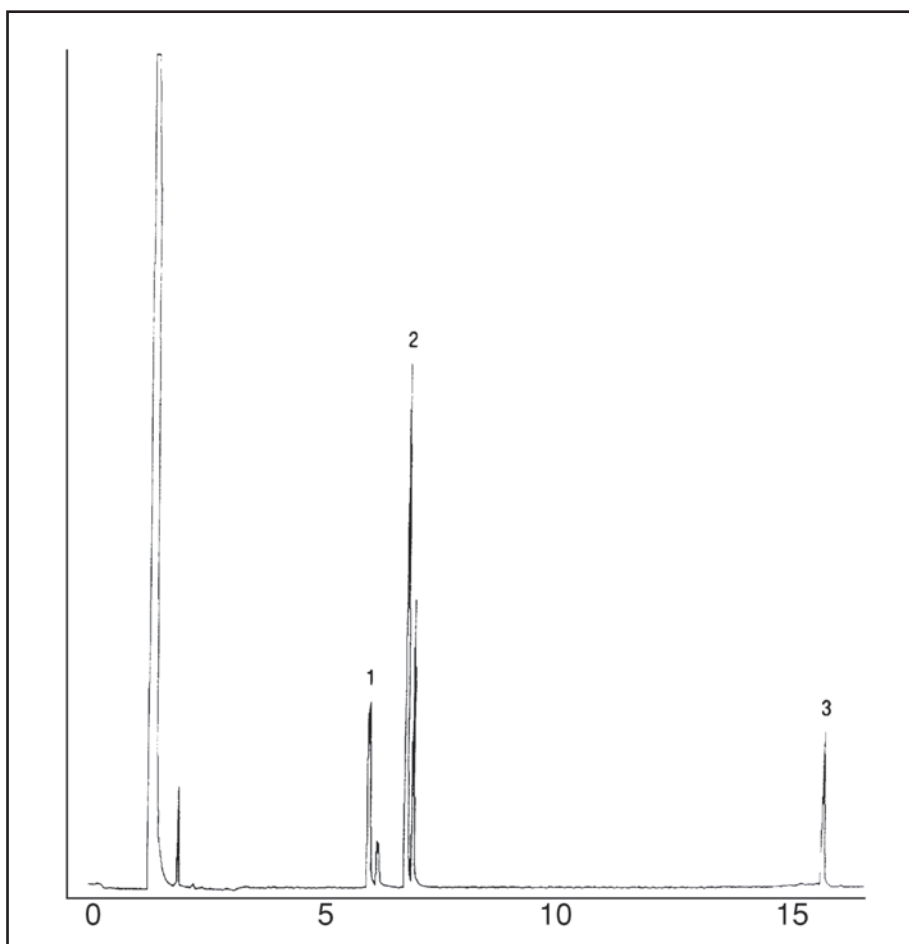
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GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Schedule II Stimulants

COLUMN: 007-35, (35% Phenyl)
Methylpolysiloxane
25M. x 0.25mm I.D. x
0.25µm film
Cat. No.: 007-35-25-0.25F
Temperature: 100° (3.0 min. hold)
(10°/min.) -280°C
Injector: 250°C
Detector: 300°C, FID
Carrier Gas: 28 cm/sec., Helium

1. D+L-Amphetamine
2. D+L-Methamphetamine
3. Methylphenidate



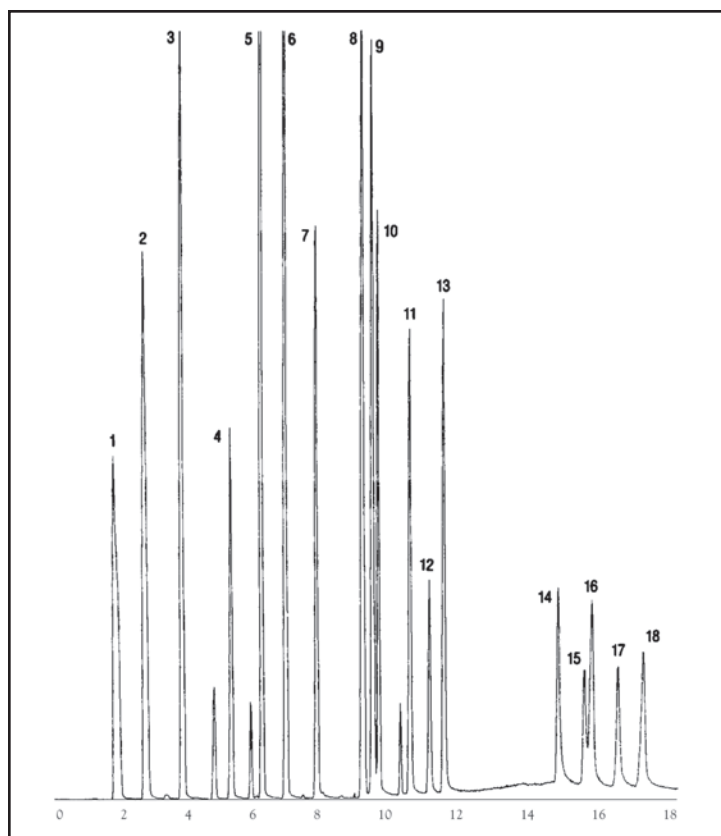
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GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Schedule IV Depressants

COLUMN: 007-1701,
(14% Cyanopropylphenyl)
Methylpolysiloxane
30M. x 0.25mm I.D. x
0.25µm film
Cat. No.: 007-1701-30-0.25F
Temperature: 145°(12°/min.) -290°C
Injector: 250°C
Detector: MSD
Carrier Gas: 28 cm/sec., Helium

1. Ethosuximide
2. α-Methyl-α-Propylsuccinimide
3. Metharbital
4. Barbitol
5. Mephseximide
6. Phensuximide
7. n-Normethsuximide
8. Mephenytoin
9. Ethotoin
10. Mephobarbital
11. PEMA
12. Phenobarbital
13. Methyl PEMA
14. 10,11-Dihydrocarbamazepine
15. Carbamazepine
16. Primidone
17. 5,5'-Diphenylhydantoin
18. 4-Methylprimidone



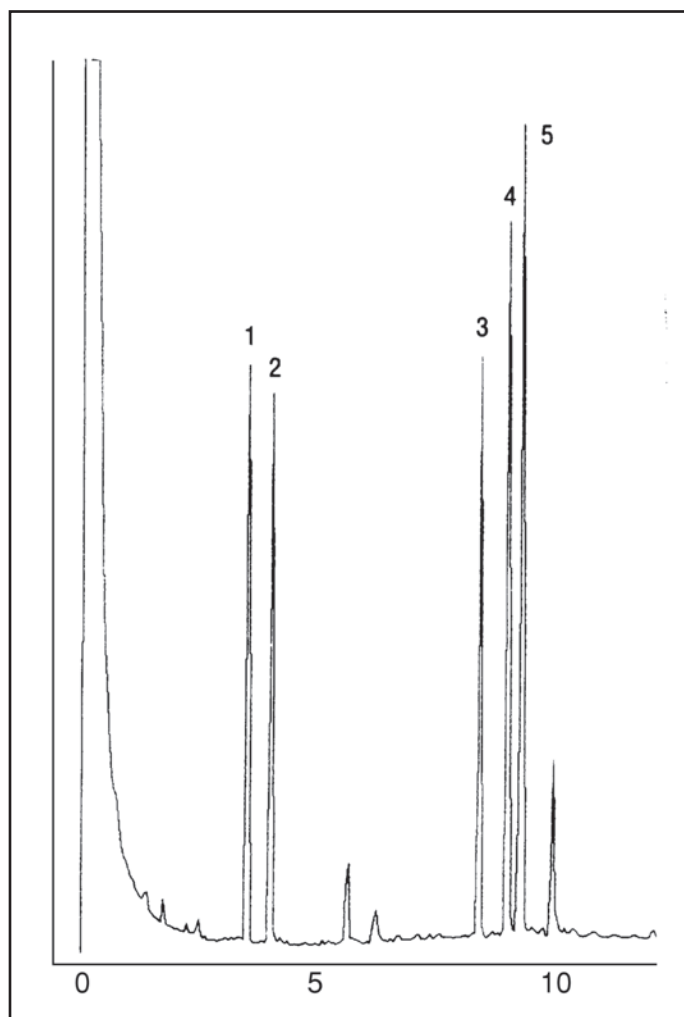
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GC CAPILLARY COLUMN APPLICATIONS: CLINICAL/TOXOLOGICAL

Tricyclic Antidepressants

COLUMN: 007-17, (50% Phenyl)
Methylpolysiloxane
25M. x 0.25mm I.D. x 0.25µm film
Cat. No.: 007-17-25-0.25F
Temperature: 220° (2 min. hold) (10°/min.)
-260°C
Injector: 250°C
Detector: 285°C, FID
Carrier Gas: 28 cm/sec., Helium

1. Hydroxyphenamate
2. Meprobamate
3. Nortripyline
4. Imipramine
5. Desipramine



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