

DB-1ms

- 100% Dimethylpolysiloxane

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.10	10m	0.10µm	340/360	127-0112
	10m	0.40µm	340/360	127-0113
	20m	0.10µm	340/360	127-0122
	20m	0.40µm	340/360	127-0123
0.20	12m	0.33µm	340/360	128-0112
	25m	0.33µm	340/360	128-0122
0.25	15m	0.25µm	340/360	122-0112
	30m	0.10µm	340/360	122-0131
	30m	0.25µm	340/360	122-0132
	60m	0.25µm	340/360	122-0162
0.32	15m	0.25µm	340/360	123-0112
	30m	0.10µm	340/360	123-0131
	30m	0.25µm	340/360	123-0132
	60m	0.25µm	340/360	123-0162

Ethylene

Column: DB-1ms, 30m x 0.25mm ID, 0.25µm, 122-0132

Carrier: Helium at 40cm/sec at 50° C

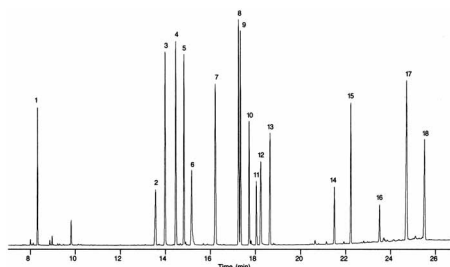
Oven: 50° C for 1.0 min
50-125° C at 25°/min
125-325° C at 10°/min
325° C for 5 min

Injector: Cold Splitless using Optic II injector
50-250° C at 10°/sec
45 sec purge activation time

Sample: µL injection of 50-150ppm standard

Detector: FID, 300° C

1. Nicotine
2. Caffeine
3. Glutethimide
4. Lidocaine
5. PCP
6. Phenobarbital
7. Methadone primary metabolite
8. Methaqualone
9. Methadone
10. Cocaine
11. Desipramine
12. Carbamazepine
13. Trimipramine
14. Heroin
15. Fentanyl
16. Ibogaine
17. Triazolam
18. LSD



Narcotics

Column: DB-5MS, 30m x 0.25mm ID, 0.25µm, 122-5532

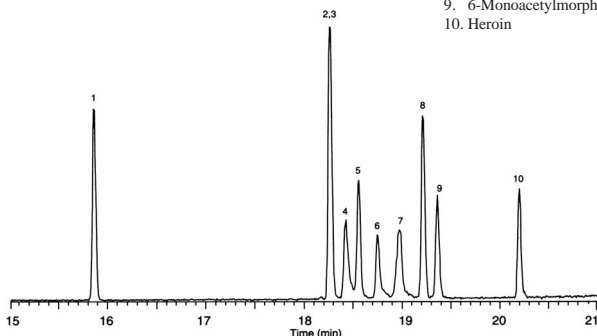
Carrier: Helium at 31 cm/sec, measured at 50° C

Oven: 50° C for 0.5 min
50-150° C at 25°/min
150-325° C at 10°/min

Injector: Splitless, 250° C
30 sec purge activation time

Detector: MSD, 300° C transfer line full scan at m/z 40-380

1. Dextromethorphan
2. Codeine
3. Dihydrocodeine
4. Norcodeine
5. Ethylmorphine
6. Morphine
7. Normorphine
8. 6-Acetylcodeine
9. 6-Monoacetylmorphine
10. Heroin



DB-5ms

- Equivalent to a (5% -Phenyl)-methylpolysiloxane
- Close equivalent to USP Phase G27

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.18	20m	0.18µm	325/350	121-5522
	40m	0.18µm	325/350	121-5542
0.20	12m	0.33µm	325/350	128-5512
	25m	0.33µm	325/350	128-5522
	50m	0.33µm	325/350	128-5552
0.25	15m	0.10µm	325/350	122-5511
	15m	0.25µm	325/350	122-5512
	15m	0.50µm	325/350	122-5516
	15m	1.00µm	325/350	122-5513
	25m	0.25µm	325/350	122-5522
	25m	0.40µm	325/350	122-552A
	30m	0.10µm	325/350	122-5531
	30m	0.25µm	325/350	122-5532
	30m	0.50µm	325/350	122-5536
	30m	1.00µm	325/350	122-5533
0.32	50m	0.25µm	325/350	122-5552
	60m	0.10µm	325/350	122-5561
	60m	0.25µm	325/350	122-5562
	60m	1.00µm	325/350	122-5563
	15m	0.10µm	325/350	123-5511
	15m	0.25µm	325/350	123-5512
	15m	1.00µm	325/350	123-5513
	25m	0.52µm	325/350	123-5526
	30m	0.10µm	325/350	123-5531
	30m	0.25µm	325/350	123-5532
30m	0.50µm	325/350	123-5536	
30m	1.00µm	325/350	123-5533	
50m	0.25µm	325/350	123-5552	
60m	0.10µm	325/350	123-5561	
60m	0.25µm	325/350	123-5562	
60m	0.50µm	325/350	123-5566	
60m	1.00µm	325/350	123-5563	
0.53	15m	0.50µm	300/320	125-5517
	15m	1.00µm	300/320	125-551J
	15m	1.50µm	300/320	125-5512
	30m	0.50µm	300/320	125-5537
	30m	1.00µm	300/320	125-553J
30m	1.50µm	300/320	125-5532	

DB-5ms-MSD Tested

0.25	30m	0.25µm	325/350	122-4532
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