

## Anticonvulsants

**Column:** DB-1  
30 m x 0.53 mm I.D., 1.5  $\mu$ m  
**J&W P/N:** 125-1032  
**Carrier:** Helium at 8 mL/min  
**Oven:** 160°C for 2 min  
160-275°C at 15°/min  
**Injector:** Megabore Direct, 250°C  
1  $\mu$ L of 100 ng/ $\mu$ L in methanol  
**Detector:** FID, 300°C  
Nitrogen makeup gas at 30 mL/min

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|-----------------------------|--------------------------------|
| 1. Ethosuximide             | 6. Phenobarbital               |
| 2. Methsuximide             | 7. Primidone                   |
| 3. Phensuximide             | 8. Carbamazepine               |
| 4. N-Desmethyl methsuximide | 9. Phenytoin                   |
| 5. Phenylethylmalonamide    | 10. 5-Methyl-5-phenylhydantoin |

