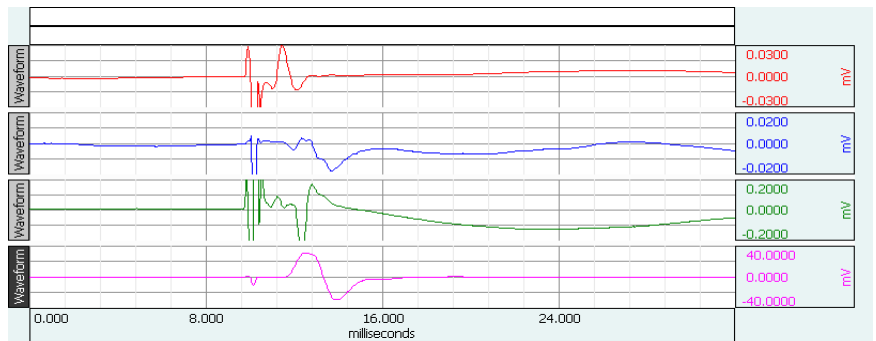


In addition to standard and proprietary animal models, CNS|CRO offers specialty services, ideal for enhancing already established models, or for provision of stand-alone measures.

In vivo electrophysiology

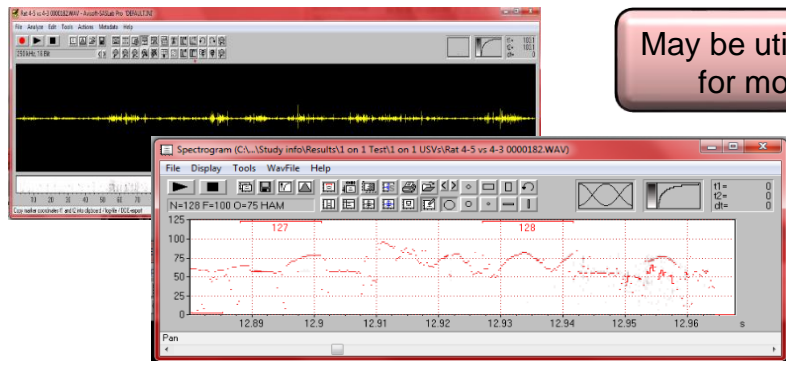
- provides relevant and highly sensitive nerve conduction measures through both peripheral and central mechanisms
- allows for evaluation of nerve damage and/or nerve regeneration
- assessment of electromyogram (EMG) activity available as a separate measure, or in combination with afferent conductivity data

Especially valuable for pain studies



Ultrasonic vocalizations (USV)

USVs are an excellent method for assessing communicative variables and affective state in rodents. Testing can be performed for any age group – neonatal to elderly.



May be utilized alone, or as an add-on platform for most behavioural testing paradigms

Recording parameters include:

- number
- duration
- frequency (kHz)