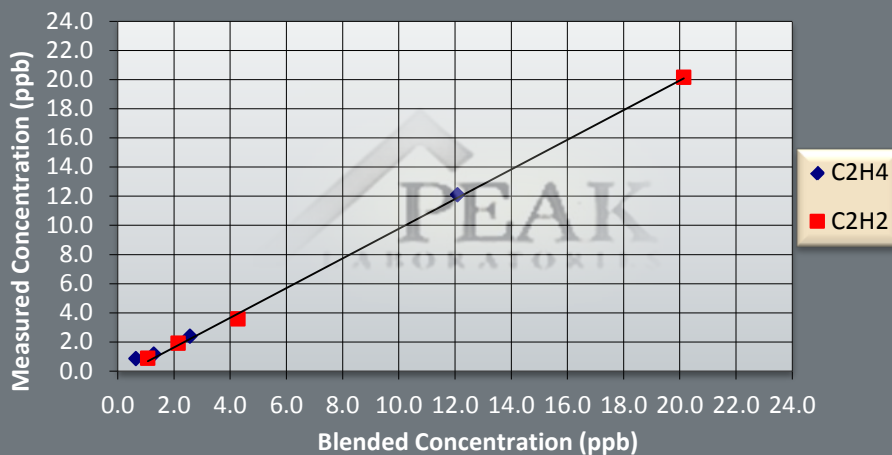


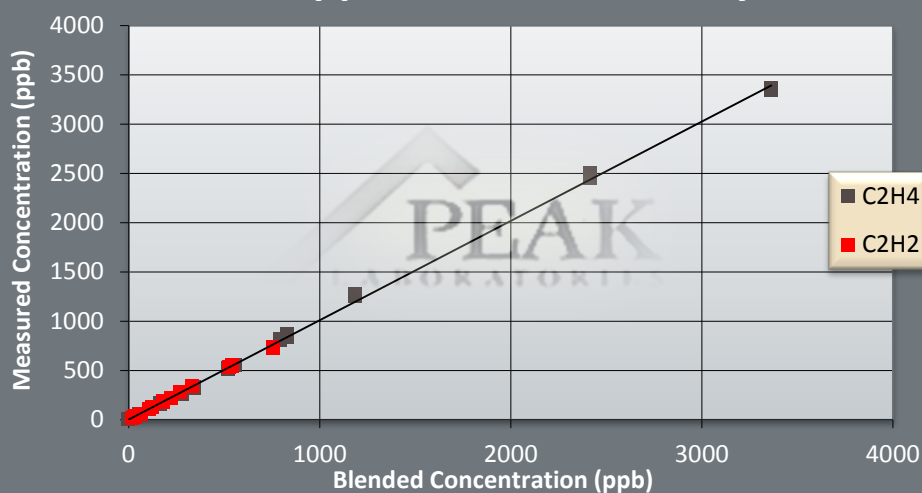
RCP: Lower Level Linearity



Figures 1 & 2 illustrate the lower detection limits of an RCP analyzer monitoring compounds within inert gases. Using Peak's pioneered hybrid platform results are delivered accurately while maintaining linearity, down to lower and upper levels.



RCP: Upper Level of Linearity



Performance:

Typical lower detection limits (in parts per trillion)

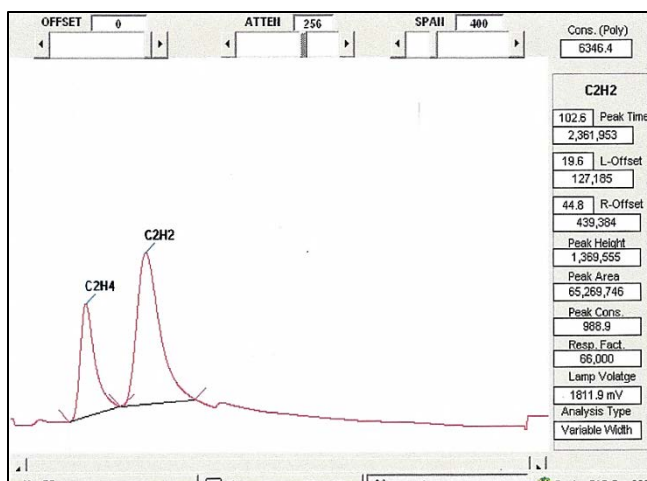
Impurity	Matrix Gas:	Air	O ₂
C ₂ H ₄ : Ethylene		500	500
C ₂ H ₂ : Acetylene		500	500

All performance specifications are based on fully optimized PP1 with 1 cc sample loop

Peak Labs is your analytical partner, not just supplier.

Matrix Gas: Air / Oxygen

Peak's pioneered platform design provides customers worldwide with a portable field unit capable of delivering fast analysis at lower detection limits. Our proven technology guarantees simple and accurate measurements down to the part per trillion levels, while still offering a wide linear range. Peak's innovative design is proven to be more cost-effective and user-friendly compared to similar instruments, making Peak your number one GC choice.



Ethylene & Acetylene based chromatograph within Air/ Oxygen matrix gas.

Fields of Application:

The RCP model # 910-120 is the ideal solution for the detection of **Ethylene & Acetylene** compounds. Listed below are typical field applications for this unit.

- C₂H₄ & C₂H₂ in UHP Oxygen Matrix Gases
- Atmospheric Research
- Continuous Air Monitoring Stations
- Groundwater and Sediment Studies
- Healthcare Research

Model #910-120 Users

- Dow Chemical
- NOVA Chemical
- Fort Air Partnership
- University of Hawaii
- Willamette University



Contact us today **650-691-1267**

www.peaklaboratories.com