

## ***Dielectric Barrier Discharge Electron Capture Detector:***

Unique Patented detector design <sup>(1)</sup>:

- Rugged stable plasma source (no radioactivity)
- Simple power source ensures rapid start and long life
- Reverse flow scheme reduces possibility of electrode contamination
- Field serviceable
- Uses small flow of dopant gas

Sample Applications:

Measurement of trihalomethanes in drinking water by headspace extraction

Measurement of high explosives on wipes

Measurement of chlorinated pesticides/PCBs

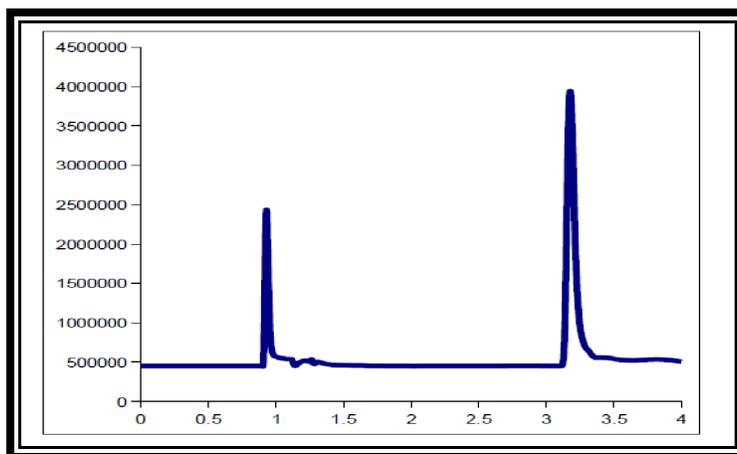
Operating conditions:

Gas consumption: 50 mL/min of Grade 5 Helium/<5 mL/min dopant

Temperature: Capable of 300 °C operation

Electrical: Consumes less than 20 watts of power

Able to operate with packed, micropacked, megabore and capillary columns



*Chromatogram of Diacetyl in Butter*

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