

200 Series GC

Application Note

Analysis of Diacetyl in Wine (Spanish Rioja)

Application Number: 010



- 1 2,3 Butanedione (Diacetyl) 809.3 ppb
- 2 2,3 Pentanedione (Acetyl Propionyl) 28.9 ppb

Column: 1.5M Glass Packed Column 2mm I.D
80/20 Carbopack BAW
5% Carbowax 20M

Sample: 2ml of sample in 20ml Vial Purged
with nitrogen

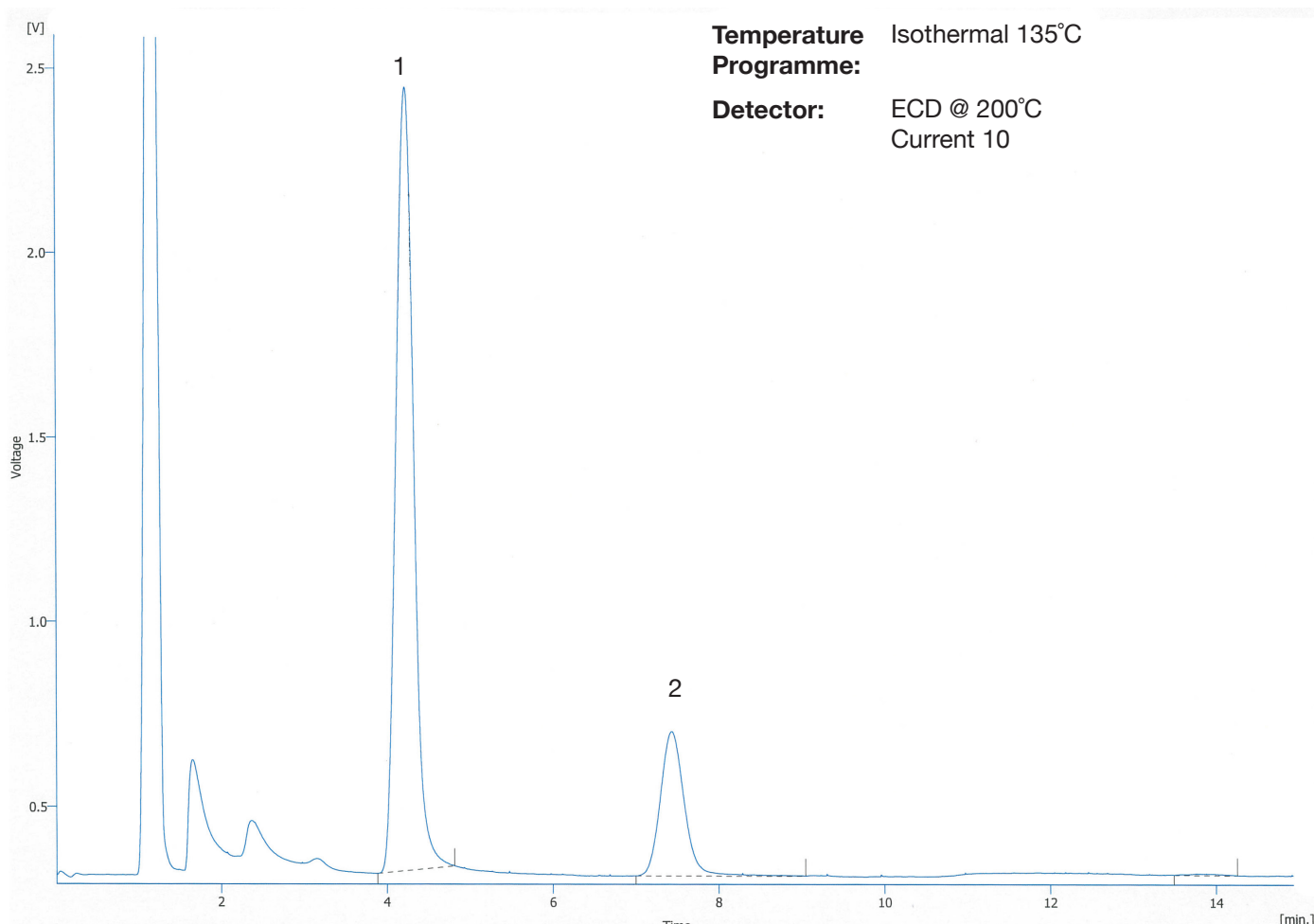
Headspace: Incubation temp 60°C
Incubation time 15:00
Agitation Speed 750rpm
Agitation on time 10s
Agitation off time 1s
Syringe temp 80C
Sample Volume 1ml

Injector: Split @ 160°C
Split flow 6ml/min

**Column
Pressure:** 12 psi

**Temperature
Programme:** Isothermal 135°C

Detector: ECD @ 200°C
Current 10



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