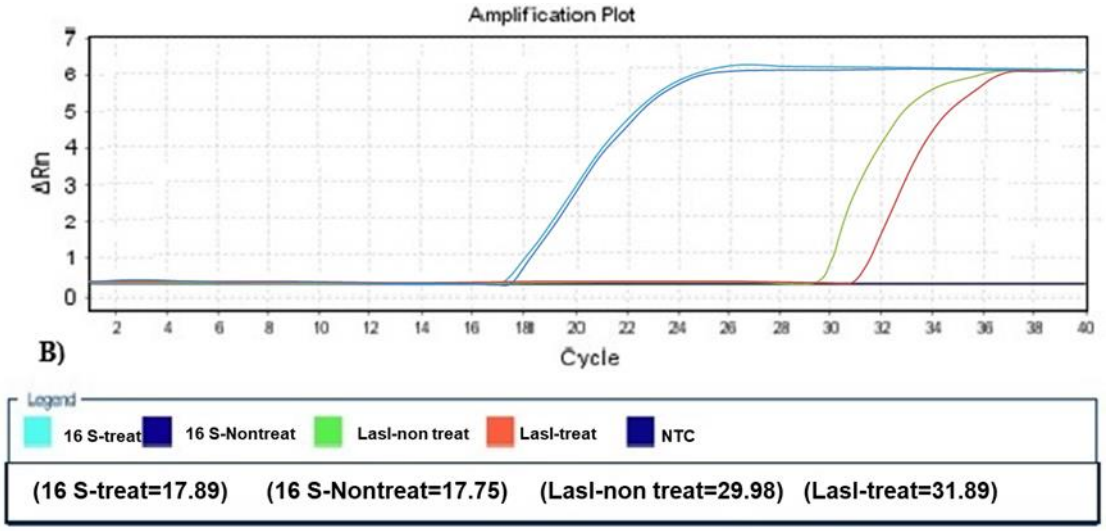
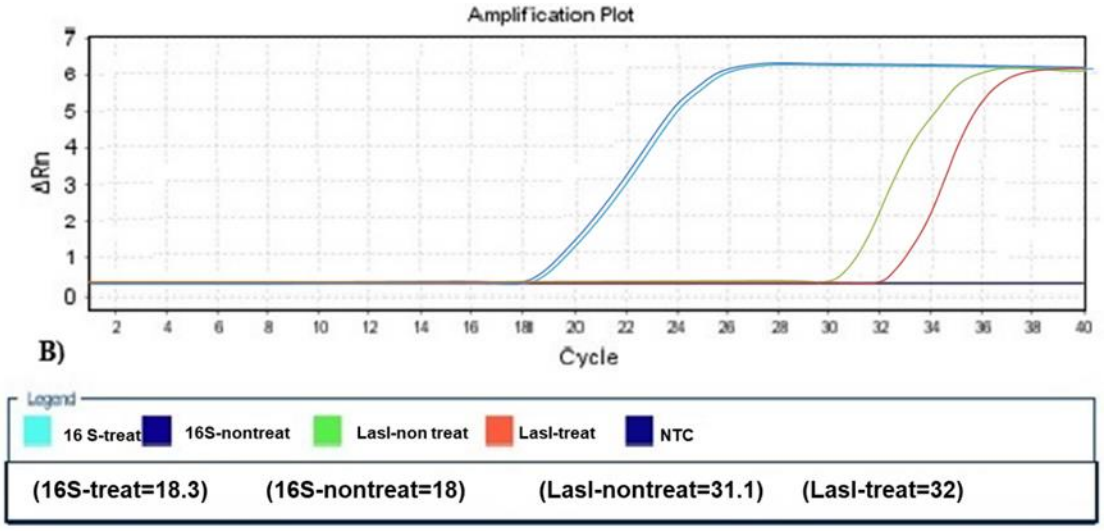
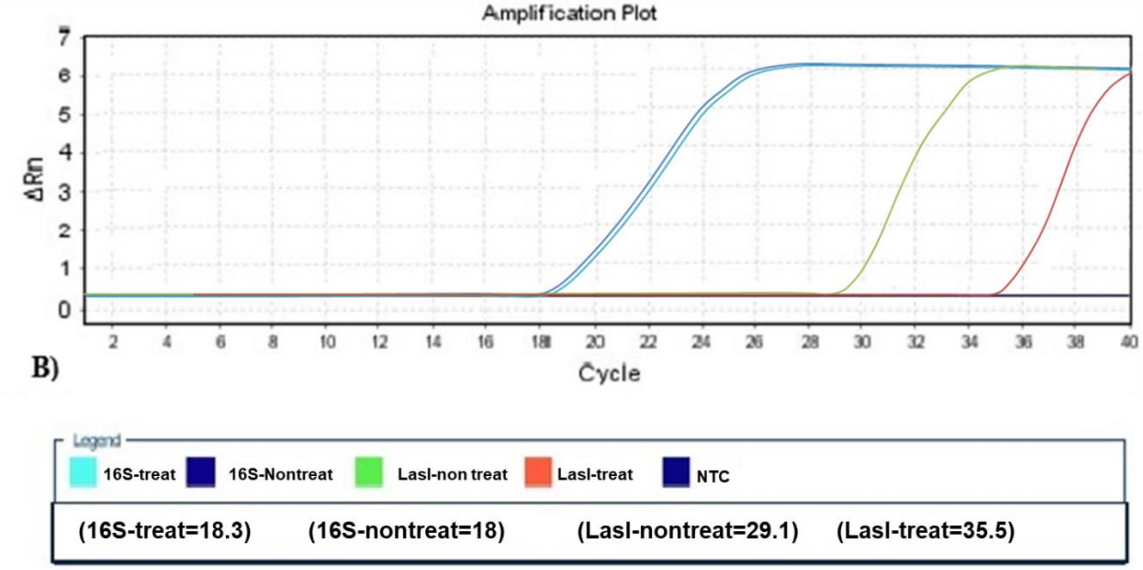


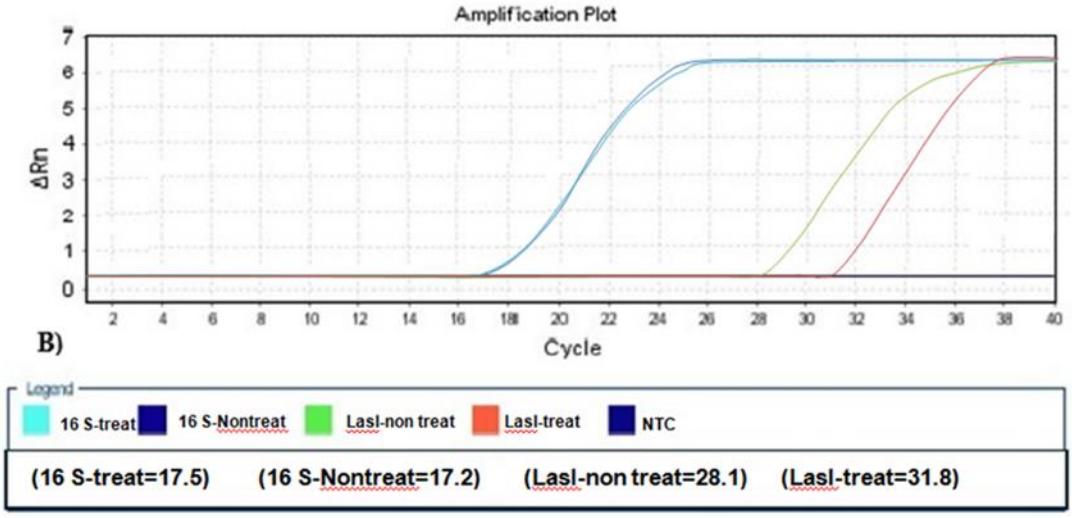
Appendix 1. *LasI* gene amplification curve in *P.aeruginosa* in the presence and absence of the *Matricaria Chamomilla* extract**.**



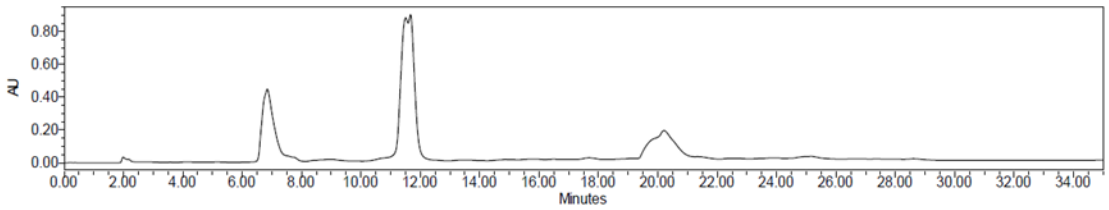
Appendix 2. *LasI* gene amplification curve in *P.aeruginosa* in the presence and absence of the *Rhusc oriaria* extract**.**



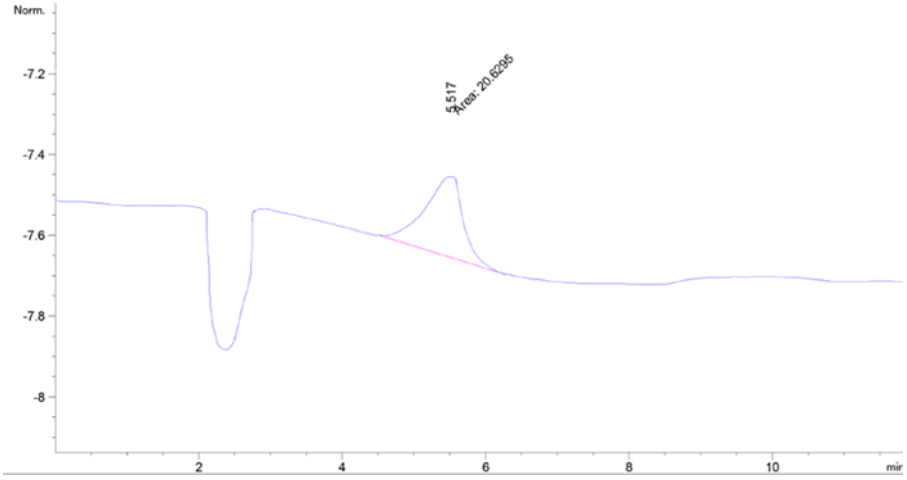
Appendix 3. *LasI* gene amplification curve in *P.aeruginosa* in the presence and absence of the *Thymus vulgaris* extract**.**



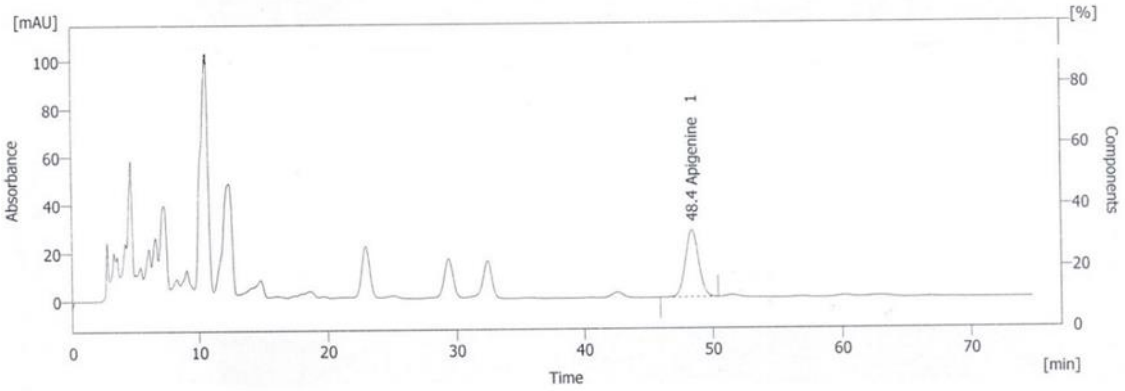
Appendix 4. *LasI* gene amplification curve in *P.aeruginosa* in the presence and absence of the *Echinacea purpureae* extract**.**



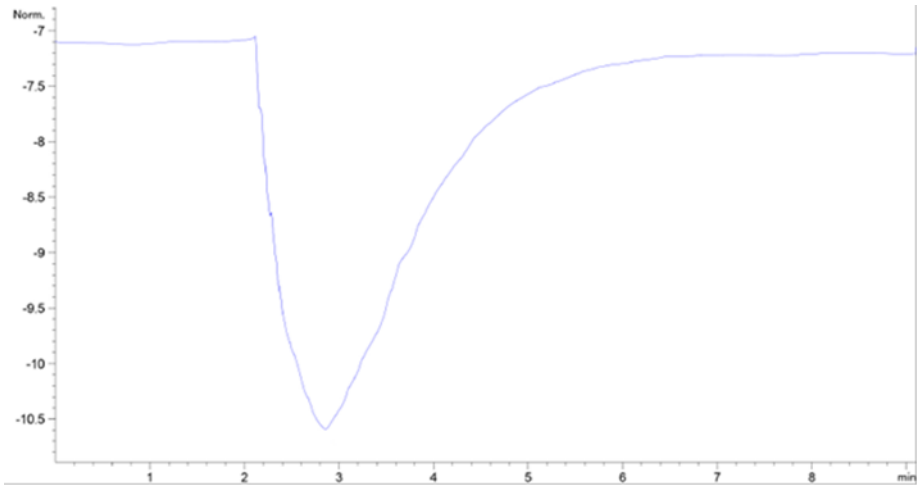
Appendix 5. Chromatogram of *Melissa officinalis*



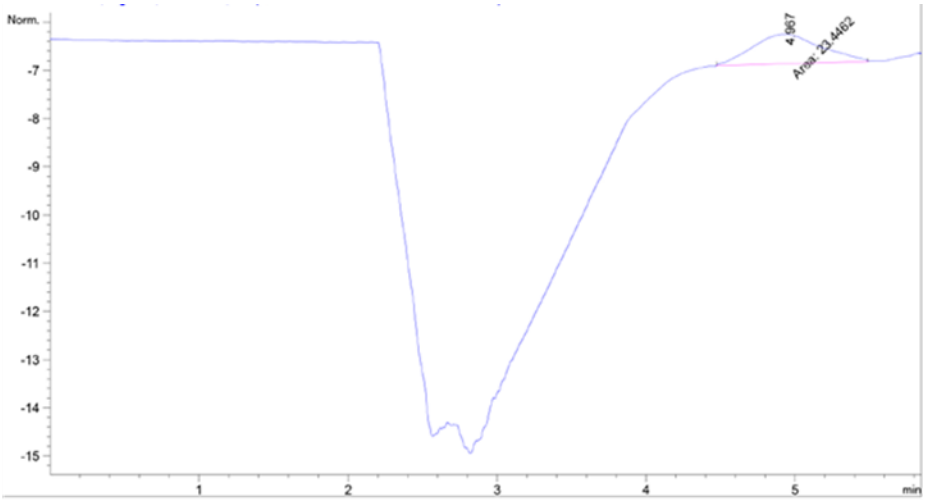
Appendix 6. Chromatogram of *Thymus vulgaris*



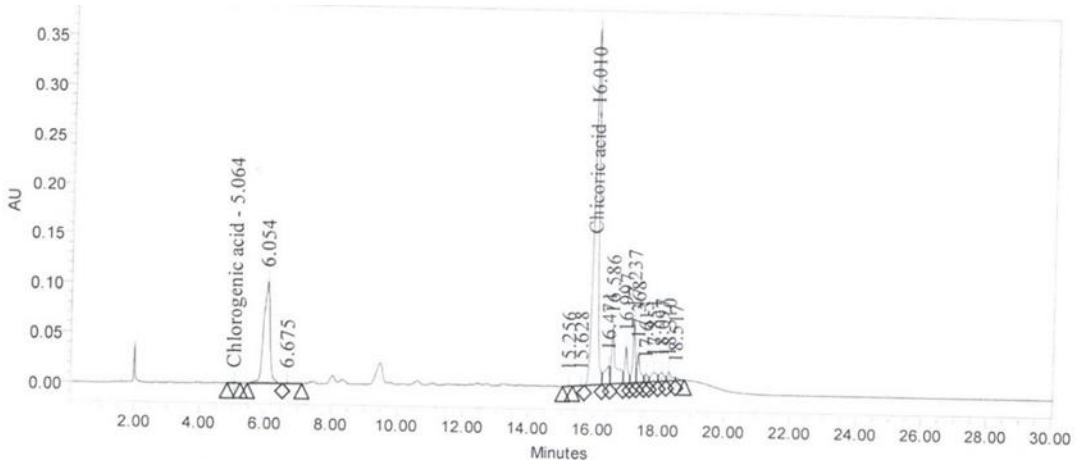
Appendix 7. Chromatogram of *Matricaria Chamomilla*



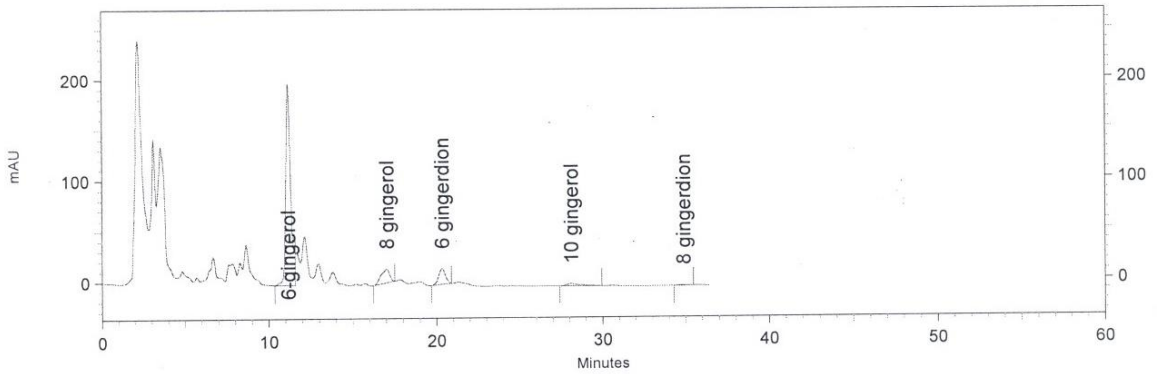
Appendix 8. Chromatogram of *Althaea officinalis*



Appendix 9. Chromatogram of *Rhus coriaria*



Appendix 10. Chromatogram of Echinacea purpureae



Appendix 11. Chromatogram of Zingiber officinale

Appendix 12. Investigation of swarming test of *P.aeruginosa*.

The concentration of 100 mg/ml ethanolic extract	Swarming diameter (mm)
DW	50±0.1
Thymus vulgaris	15±0.00
Matricariachamomilla	33±0.02
Melissa officinalis	50±0.1
Zingiberofficinale	35±0.01
Echinaceaepurpurea	6±0.01
Rhuscoriaria	18±0.01
Althaeaofficinalis	18±0.01