

Figure S2-A: LTQ/Orbitrap HRMS Chromatogram of *Origanum vulgare* ssp *hirtum* methanol extract.

Figure S2-B: LTQ/Orbitrap HRMS Chromatogram of *Rosmarinus officinalis* methanol extract.

Figure S2-C: LTQ/Orbitrap HRMS Chromatogram of *Salvia triloba* methanol extract.

Figure S2-D: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianolia Prevezas” olive oil with *Origanum vulgare* ssp *hirtum*.

Figure S2-E: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianolia Prevezas” olive oil with *Rosmarinus officinalis*.

Figure S2-F: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianolia Prevezas” olive oil with *Salvia triloba*.

Figure S2-G: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Konservoelia Artas” olive oil with *Origanum vulgare* ssp *hirtum*.

Figure S2-H: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Konservoelia Artas” olive oil with *Rosmarinus officinalis*.

Figure S2-I: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Konservoelia Artas” olive oil with *Salvia triloba*.

Figure S2-J: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianoelia Kerkyras” olive oil with *Origanum vulgare* ssp *hirtum*.

Figure S2-K: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianoelia Kerkyras” olive oil with *Rosmarinus officinalis*.

Figure S2-L: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianoelia Kerkyras” olive oil with *Salvia triloba*.

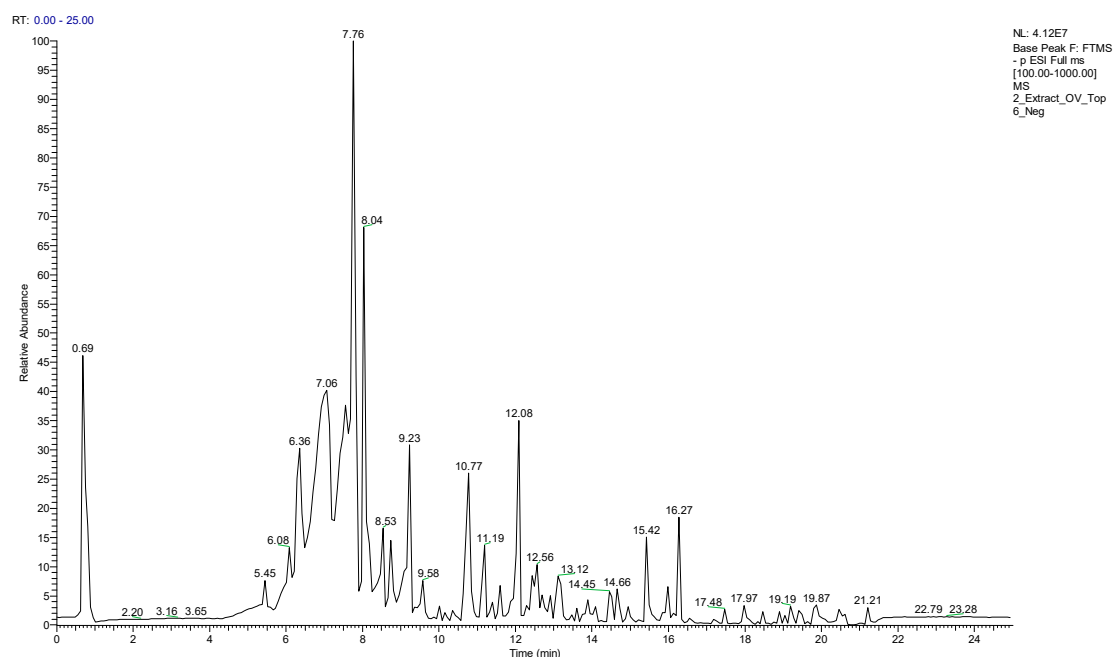


Figure S2-A: LTQ/Orbitrap HRMS Chromatogram of *Origanum vulgare* ssp *hirtum* methanol extract in negative ion mode.

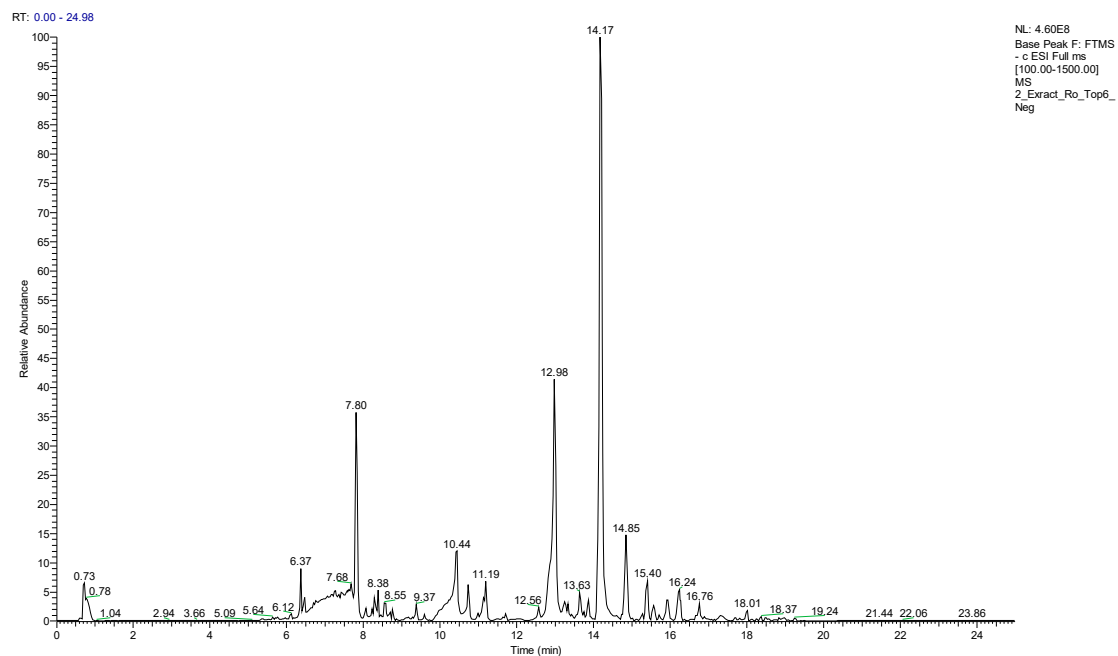


Figure S2-B: LTQ/Orbitrap HRMS Chromatogram of *Rosmarinus officinalis* methanol extract in negative ion mode.

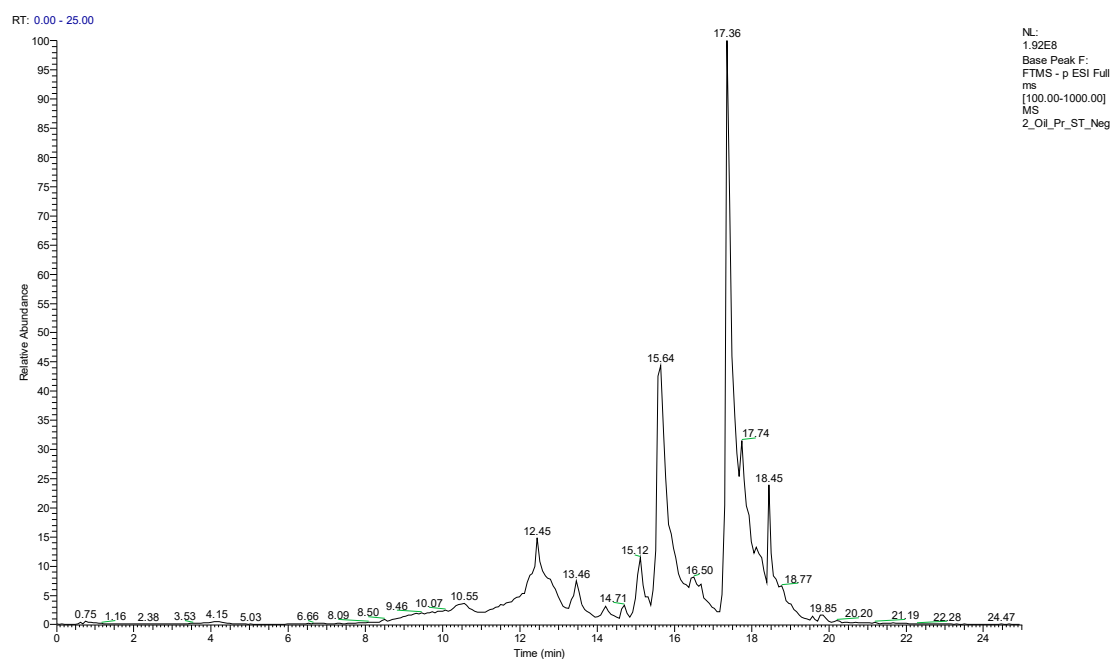


Figure S2-C: LTQ/Orbitrap HRMS Chromatogram of *Salvia triloba* methanol extract in negative ion mode.

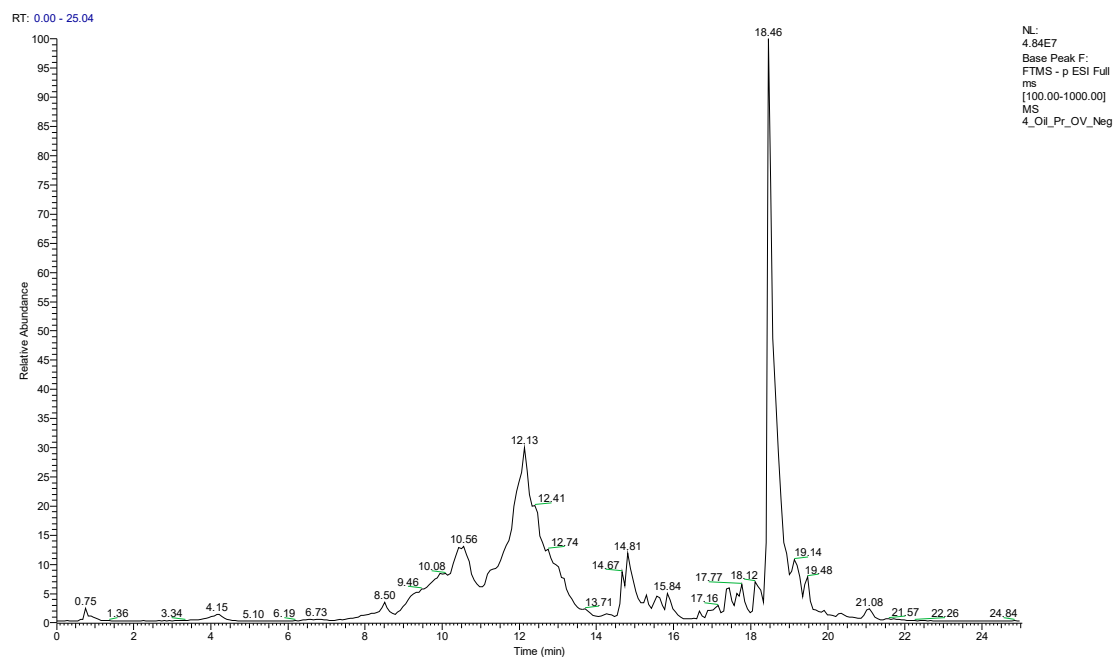


Figure S2-D: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianolia Prevezas” olive oil with *Origanum vulgare* ssp *hirtum* in negative ion mode.

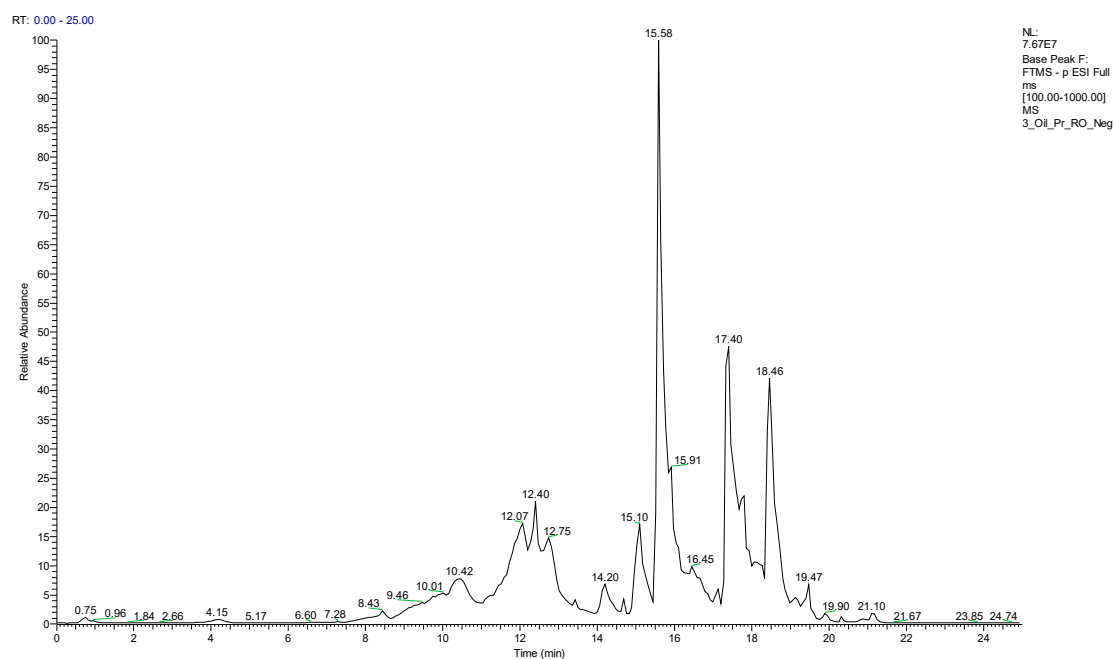


Figure S2-E: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts (MeOH 80/20, v/v) of the enriched “Lianolia Prevezas” olive oil with *Rosmarinus officinalis* in negative ion mode.

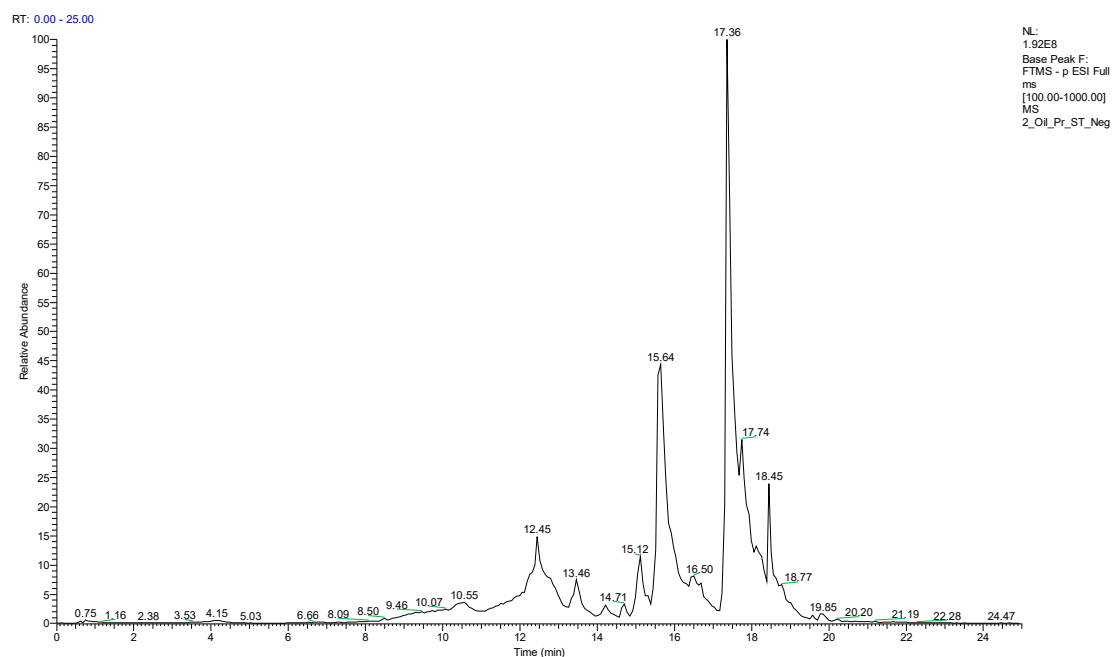


Figure S2-F: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianolia Prevezas” olive oil with *Salvia triloba* in negative ion mode.

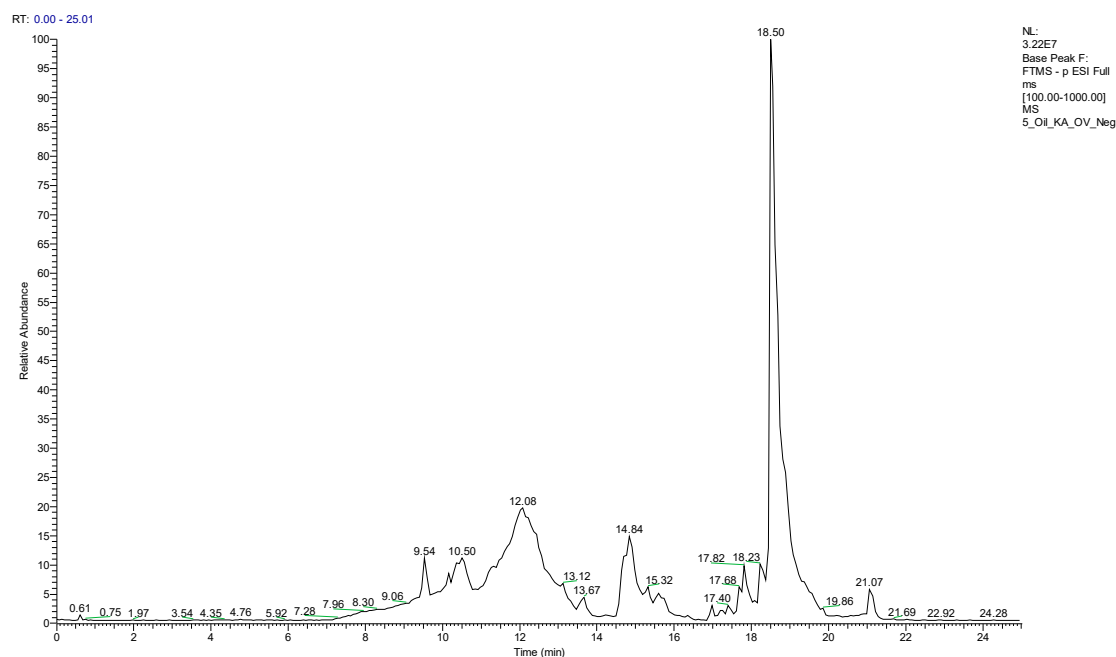


Figure S2-G: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Konservoelia Artas” olive oil with *Origanum vulgare* ssp *hirtum* in negative ion mode.

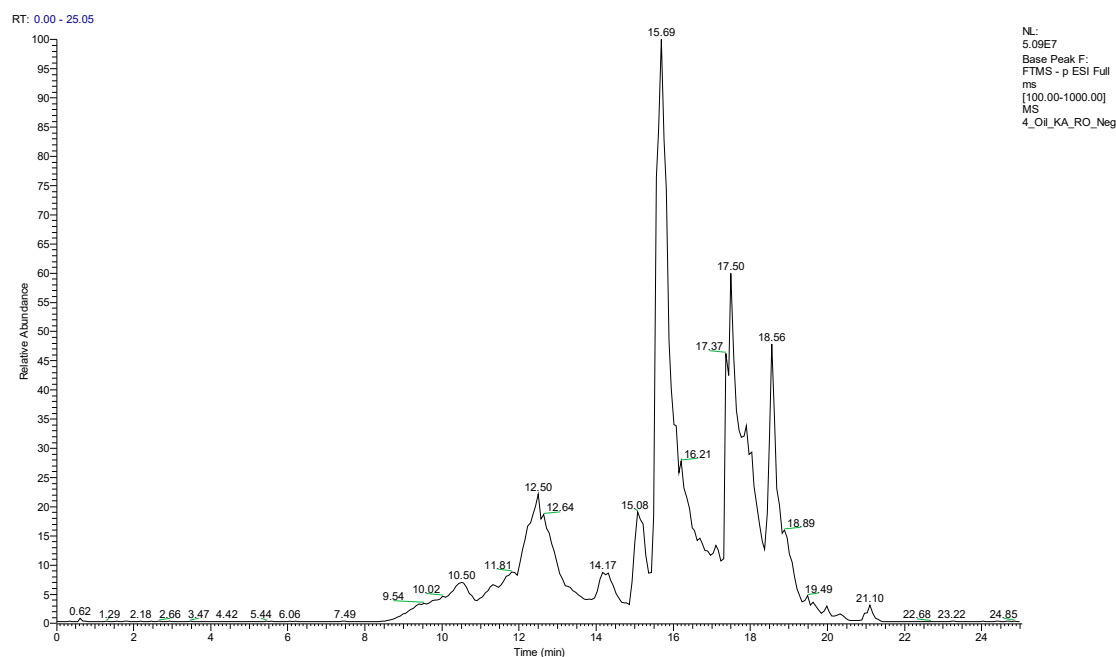


Figure S2-H: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts (MeOH 80/20, v/v) of the enriched “Konservoelia Artas ” olive oil with *Rosmarinus officinalis* in negative ion mode.

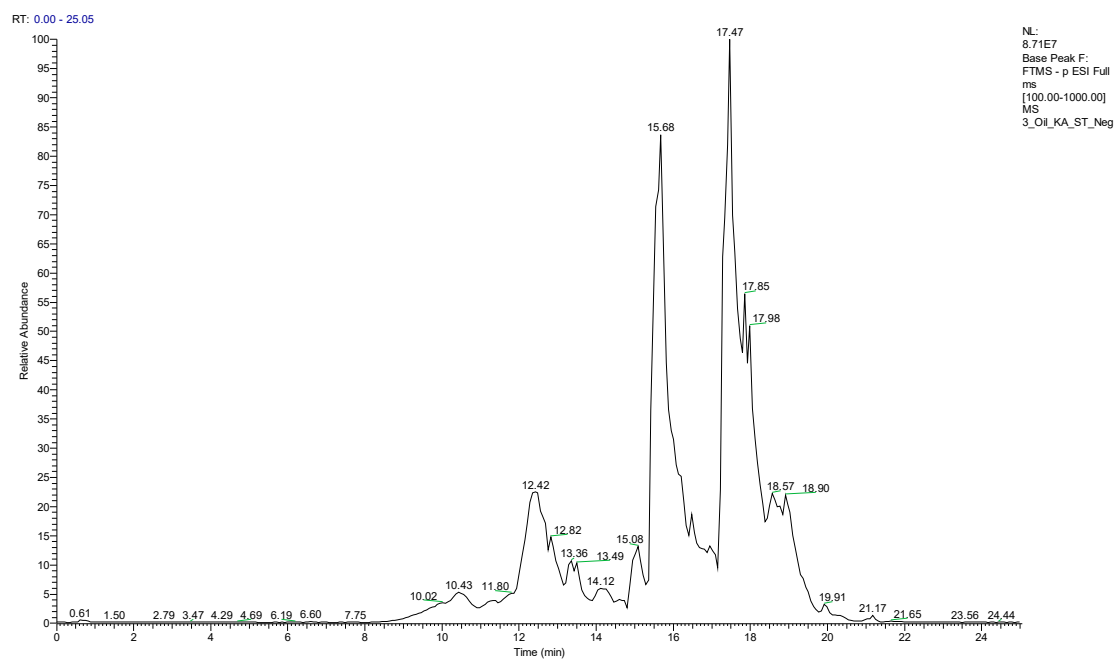


Figure S2-I: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic [MeOH-H₂O (80:20, v/v)] of the enriched “Konservoelia Artas ” olive oil with *Salvia triloba* in negative ion mode.

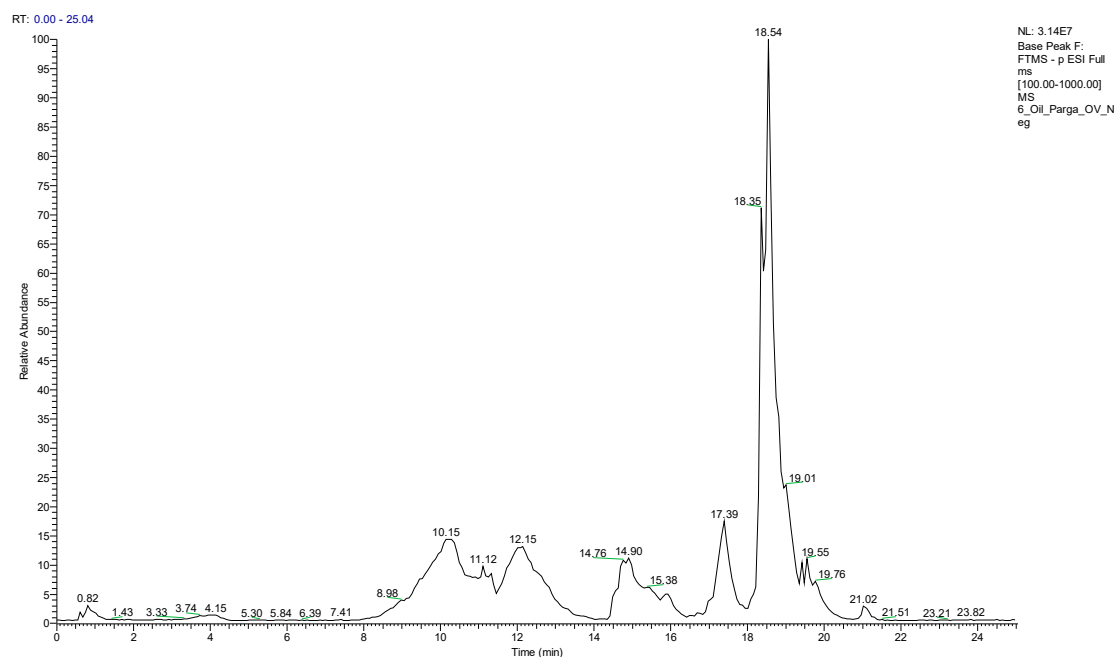


Figure S2-J: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianoelia Kerkiras” olive oil with *Origanum vulgare* ssp *hirtum* in negative ion mode.

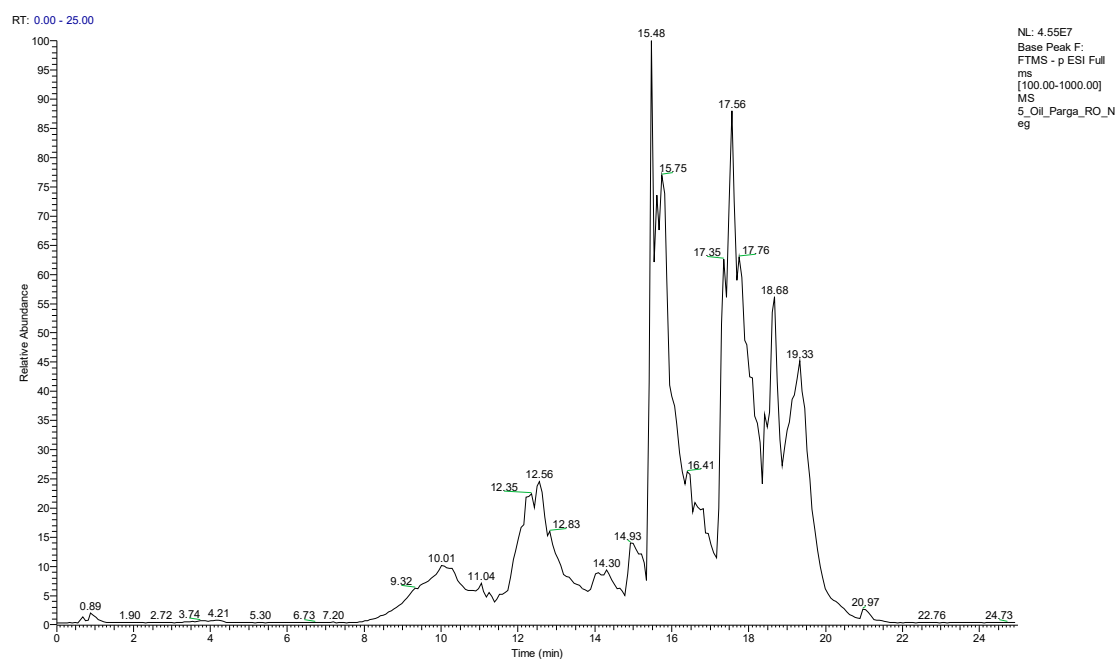


Figure S2-K: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianoelia Kerkiras” olive oil with *Rosmarinus officinalis* in negative ion mode.

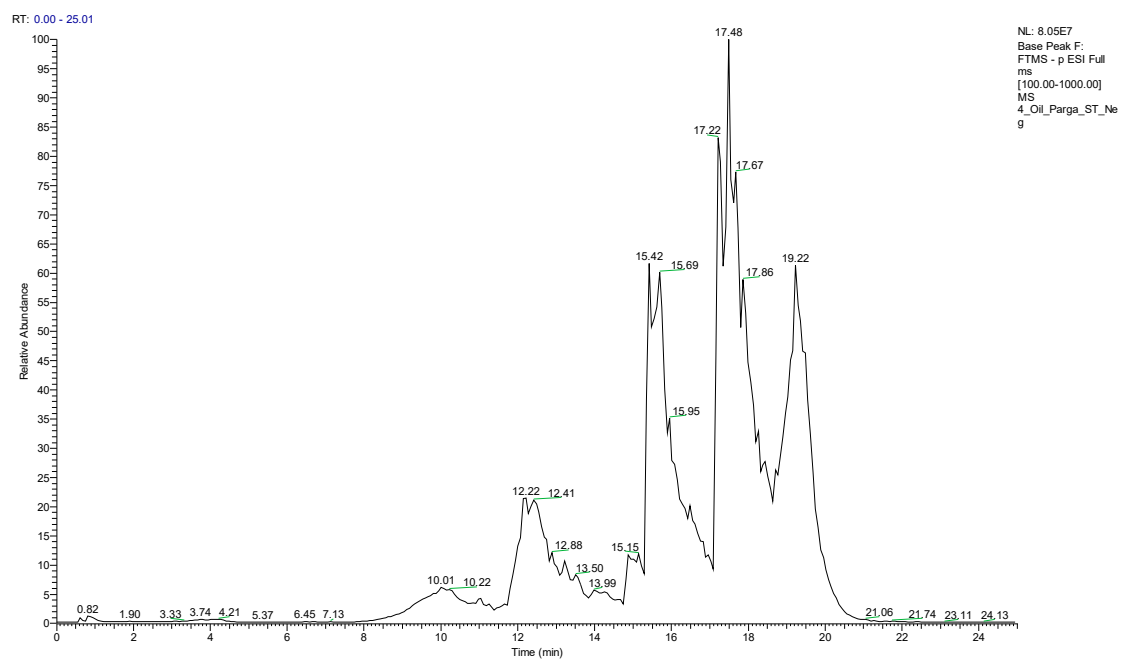


Figure S2-L: LTQ/Orbitrap HRMS Chromatogram of hydro-methanolic extracts [MeOH-H₂O (80:20, v/v)] of the enriched “Lianoelia Kerkyras” olive oil with *Salvia triloba* in negative ion mode.