Seasonal dynamics of the essential oil constituents from the aerial parts of *Vernonanthura polyanthes* (Asteraceae) and their anti-*Leishmania infantum* potential: a multimethodological approach

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SUPPLEMENTARY MATERIAL

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Table S1. Chemical composition of the essential oils from aerial parts of *V. polyanthes*

Compounds	KI[a]	% match[b]
β-pinene	979	99
n-nonanal	1100	98
α-copaene	1376	99
β-bourbonene	1388	99
β-elemene	1390	98
β-caryophyllene	1419	99
β-copaene	1432	99
α-humulene	1454	99
9-*epi*-β-caryophyllene	1466	99
γ-muurolene	1479	98
germacrene D	1481	99
viridiflorene	1496	99
bicyclogermacrene	1500	99
α-muurolene	1500	99
germacrene A	1509	98
γ-cadinene	1513	98
δ-cadinene	1523	97
spathulenol	1578	99
caryophyllene oxide	1583	99
viridiflorol	1592	99
ledol	1602	98
5-*epi*-7-*epi*-α-eudesmol	1607	97
humulene epoxide II	1608	98
alloaromadendrene epoxide	1641	99
τ-muurolol	1642	98
14-heptadecenal	1650	97
α-cadinol	1654	99
germacra-4(15),5,10(14)-trien-1-α-ol	1686	98
(*Z*)-9-hexadecenal	1750	99
palmitic acid	1960	96
linolenic acid	2150	96

[a]Kovats index; [b]% match determined by comparison of MS spectra on Wiley and NIST libraries.

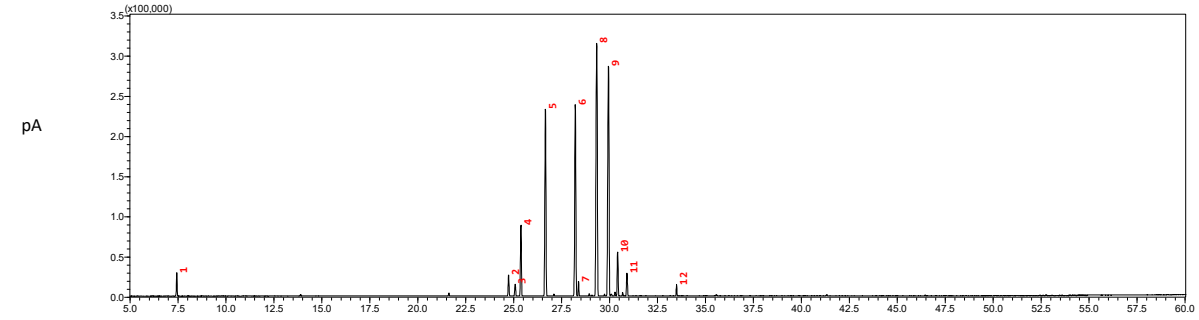


Figure S1. GC analysis of essential oil from aerial part of *V. polyanthes* (January/2023)

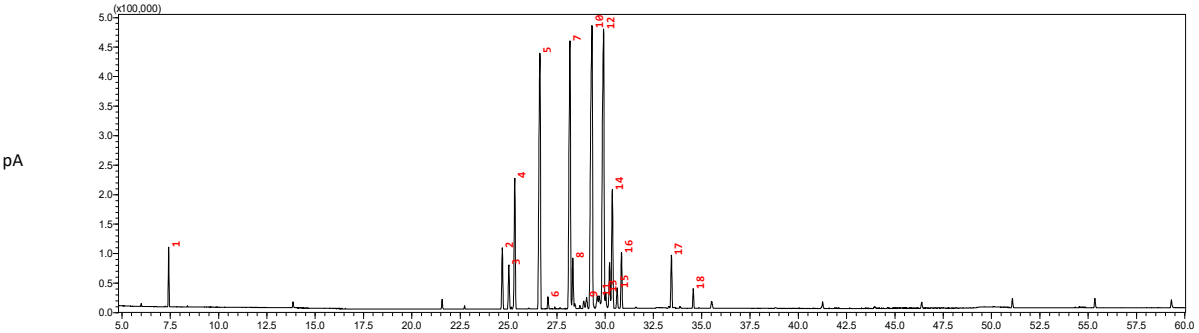


Figure S2. GC analysis of essential oil from aerial part of *V. polyanthes* (February /2023)

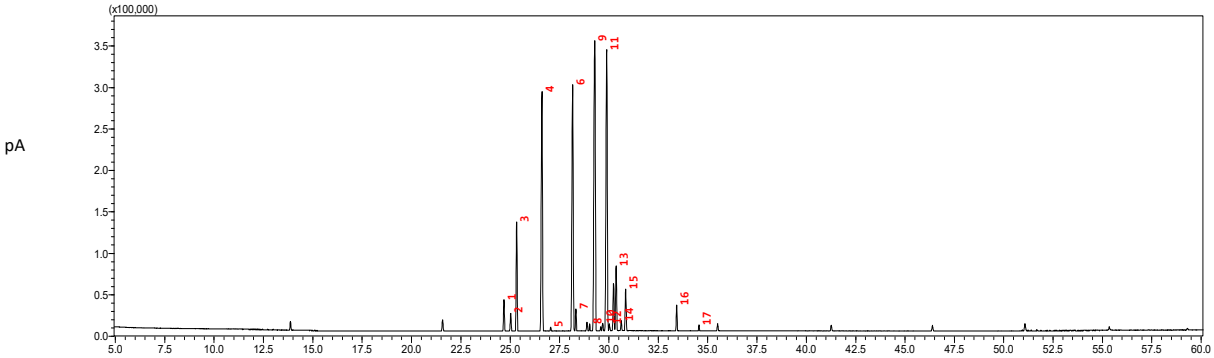


Figure S3. GC analysis of essential oil from aerial part of *V. polyanthes* (March /2023)

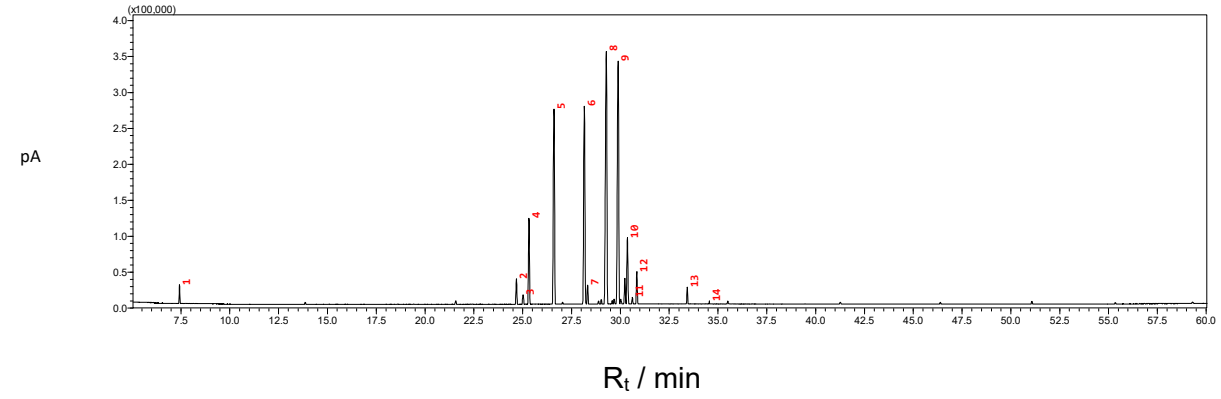


Figure S4. GC analysis of essential oil from aerial part of *V. polyanthes* (April/2023)

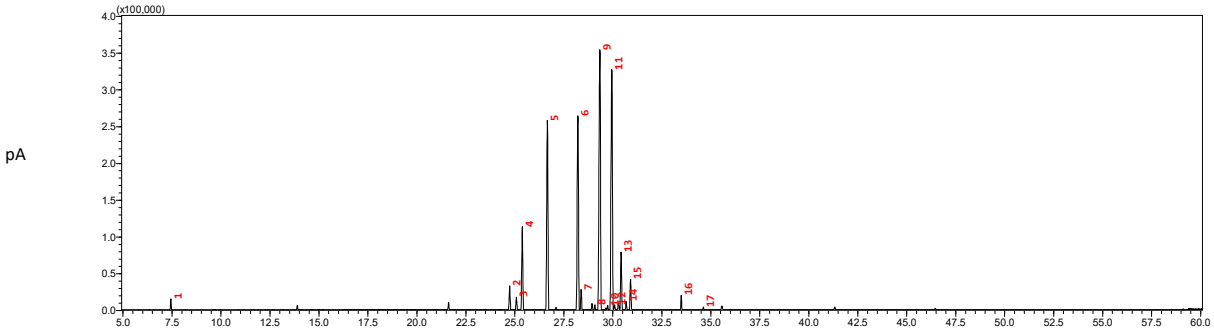


Figure S5. GC analysis of essential oil from aerial part of *V. polyanthes* (May/2023)

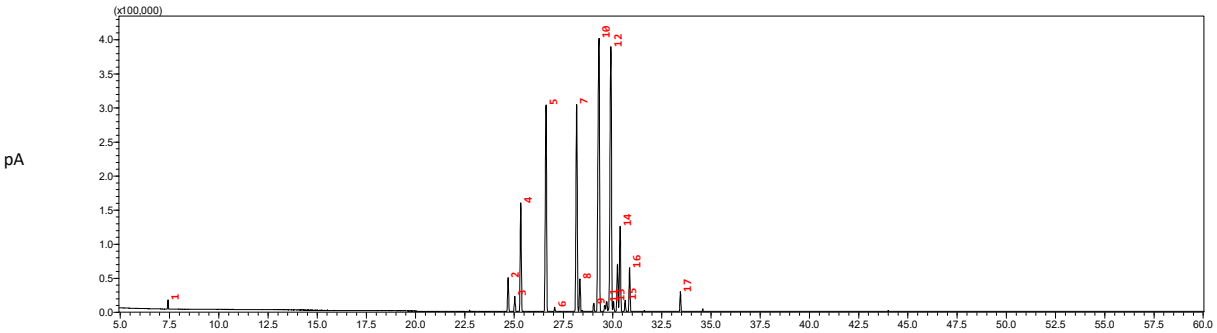


Figure S6. GC analysis of essential oil from aerial part of *V. polyanthes* (June/2023)

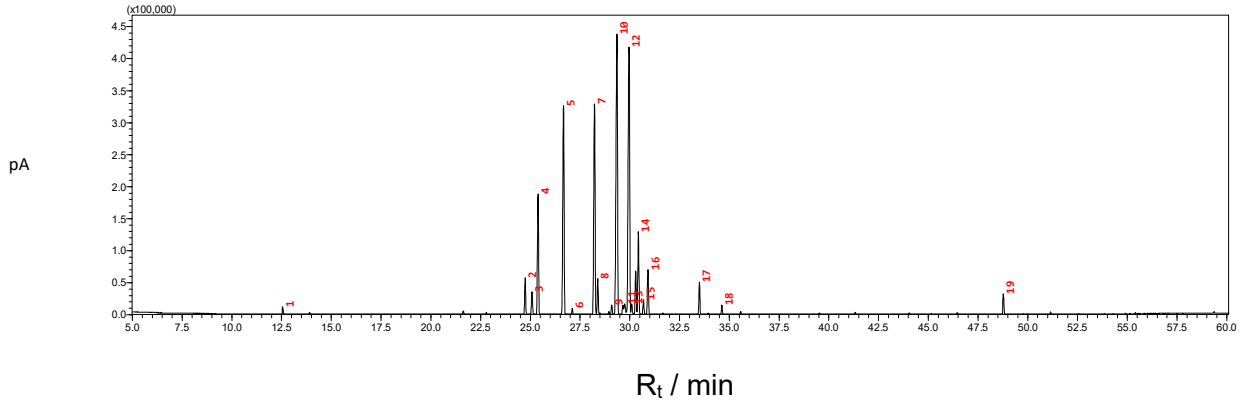


Figure S7. GC analysis of essential oil from aerial part of *V. polyanthes* (July/2023)

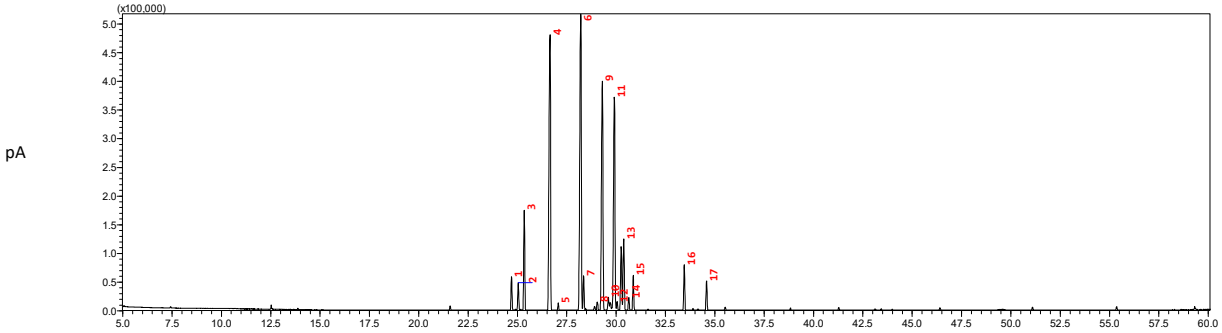


Figure S8. GC analysis of essential oil from aerial part of *V. polyanthes* (August/2023)

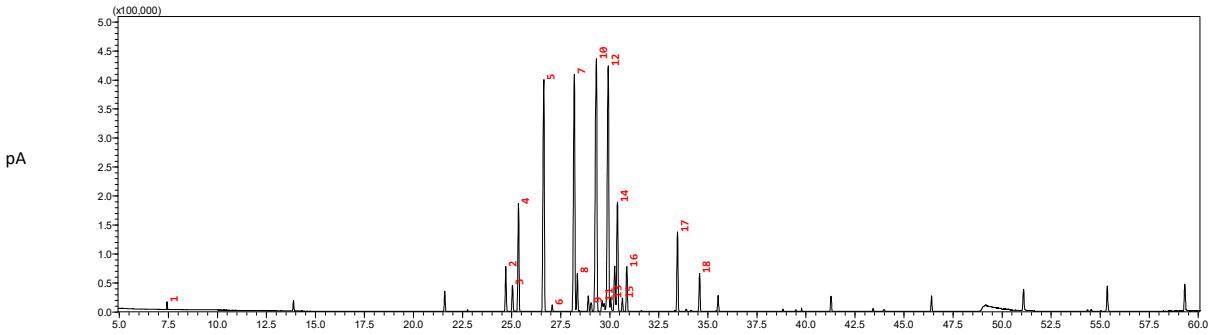


Figure S9. GC analysis of essential oil from aerial part of *V. polyanthes* (September /2023)

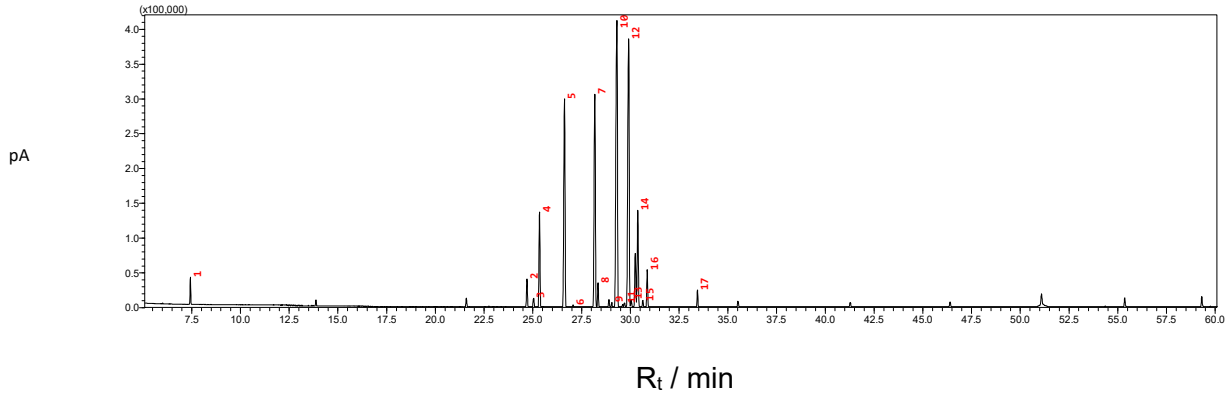


Figure S10. GC analysis of essential oil from aerial part of *V. polyanthes* (October /2023)

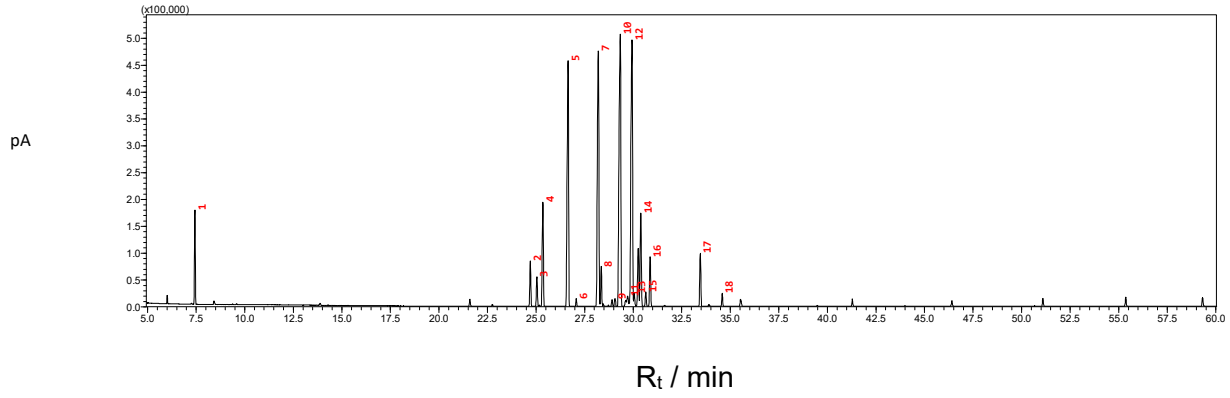


Figure S11. GC analysis of essential oil from aerial part of *V. polyanthes* (November /2023)

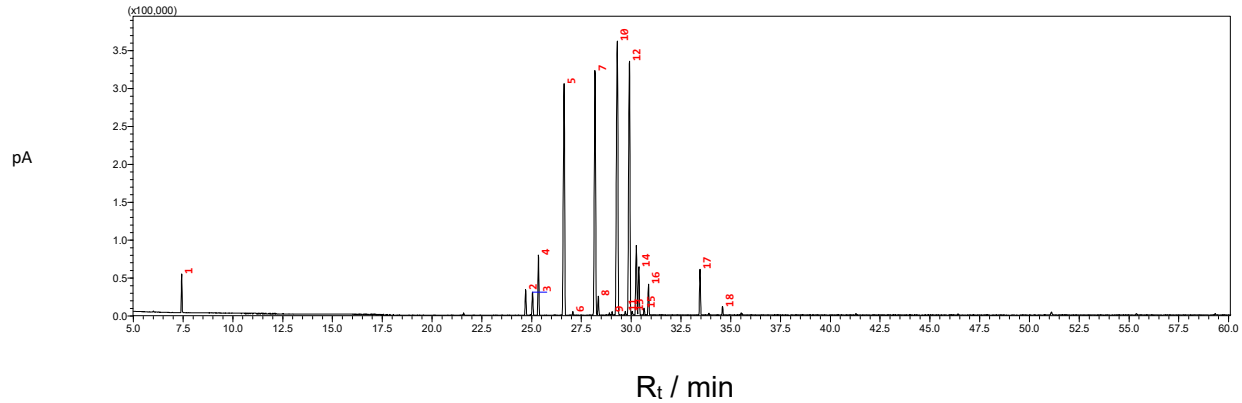


Figure S12. GC analysis of essential oil from aerial part of *V. polyanthes* (December /2023)

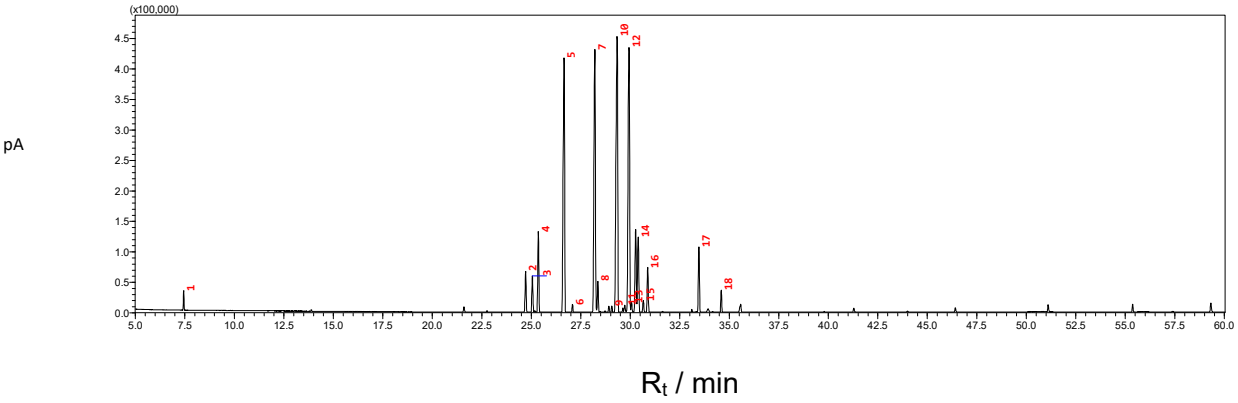


Figure S13. GC analysis of essential oil from aerial part of *V. polyanthes* (January/2024)

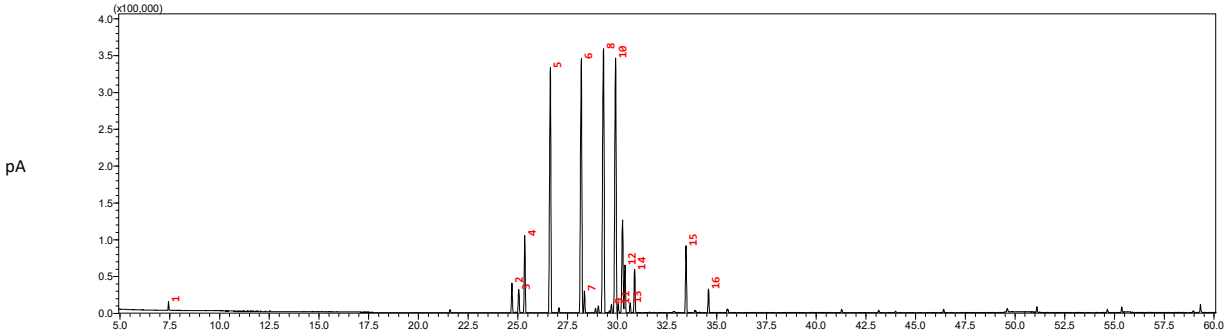


Figure S14. GC analysis of essential oil from aerial part of *V. polyanthes* (February /2024)

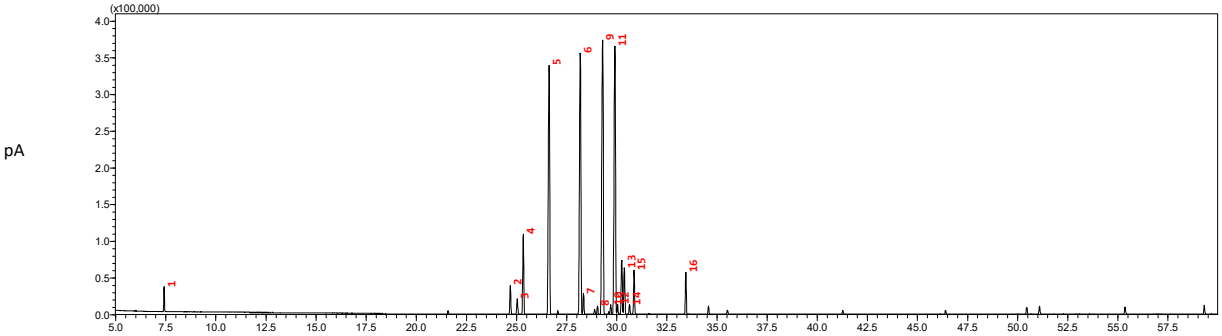


Figure S15. GC analysis of essential oil from aerial part of *V. polyanthes* (March /2024)

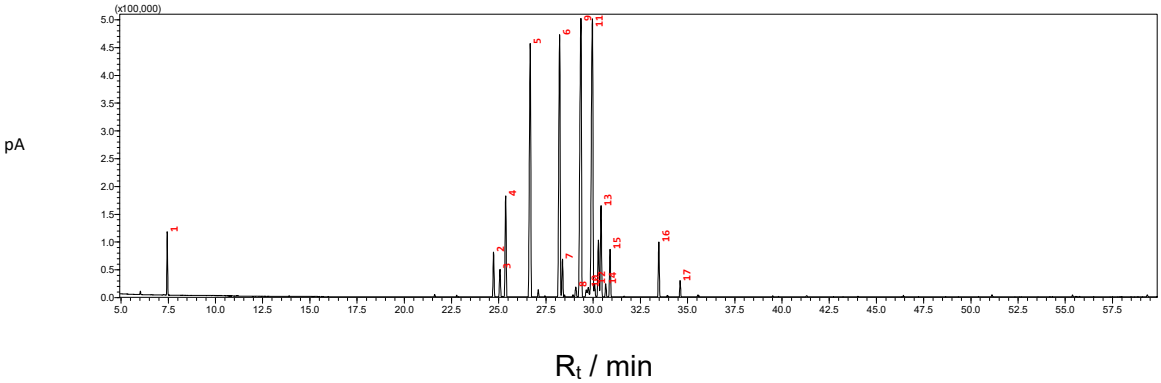


Figure S16. GC analysis of essential oil from aerial part of *V. polyanthes* (April/2024)

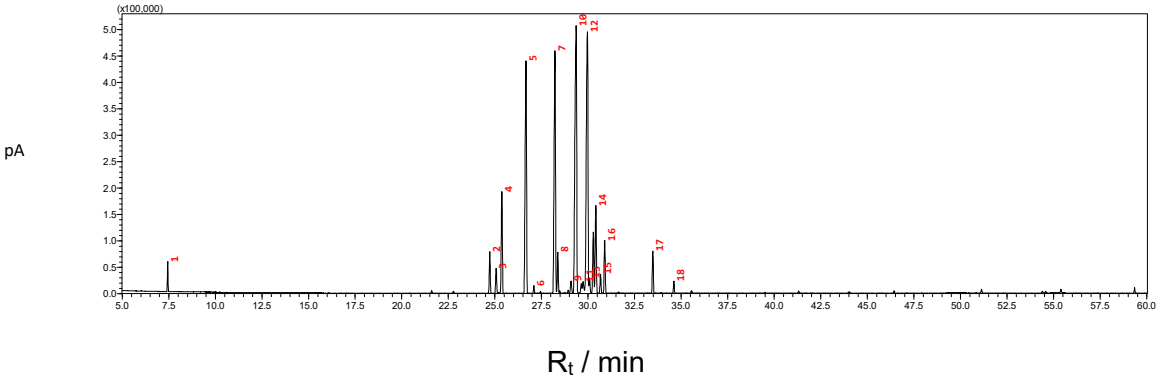


Figure S17. GC analysis of essential oil from aerial part of *V. polyanthes* (May/2024)

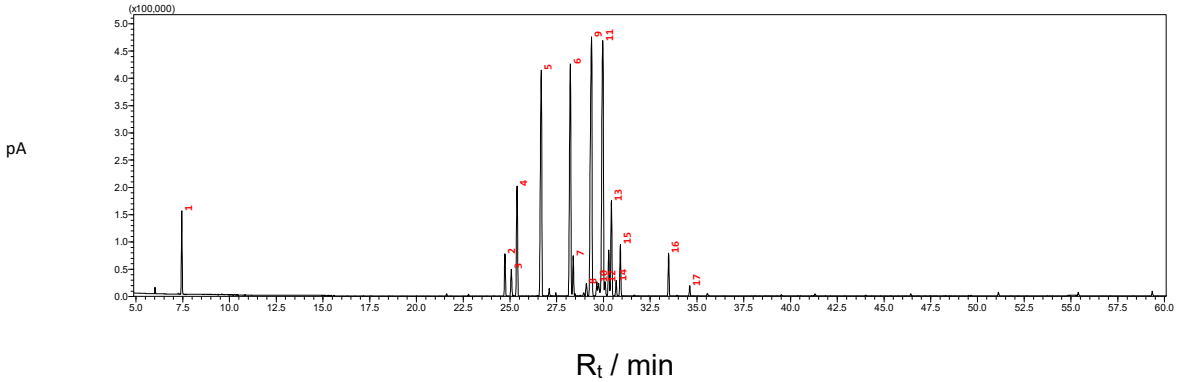


Figure S18. GC analysis of essential oil from aerial part of *V. polyanthes* (June/2024)

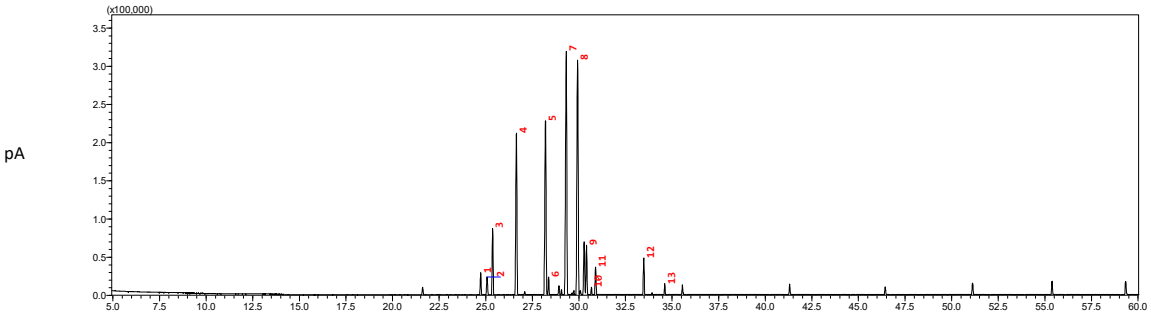


Figure S19. GC analysis of essential oil from aerial part of *V. polyanthes* (July/2024)

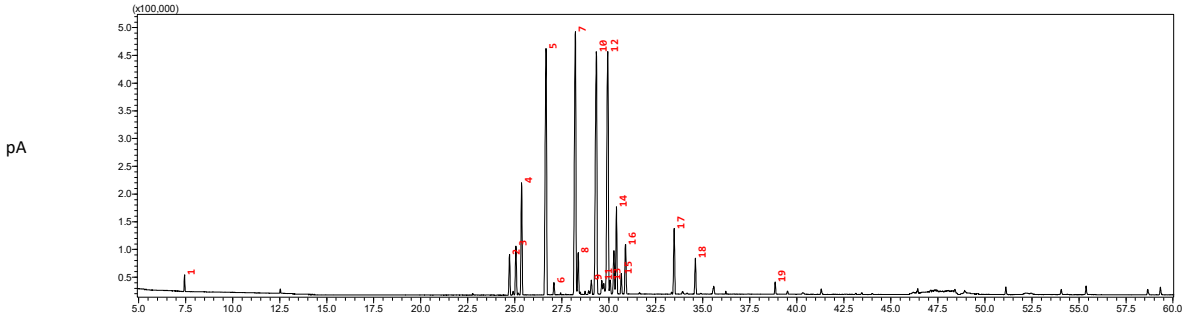


Figure S20. GC analysis of essential oil from aerial part of *V. polyanthes* (August/2024)

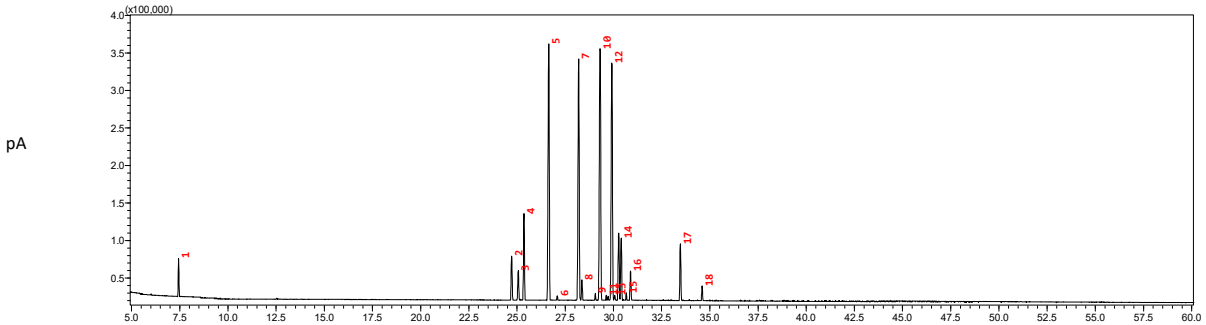


Figure S21. GC analysis of essential oil from aerial part of *V. polyanthes* (September/2024)

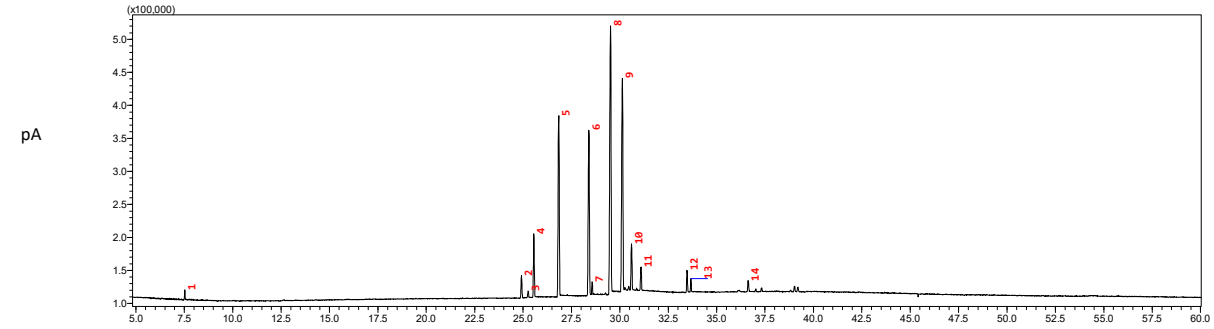


Figure S22. GC analysis of essential oil from aerial part of *V. polyanthes* (October/2024)

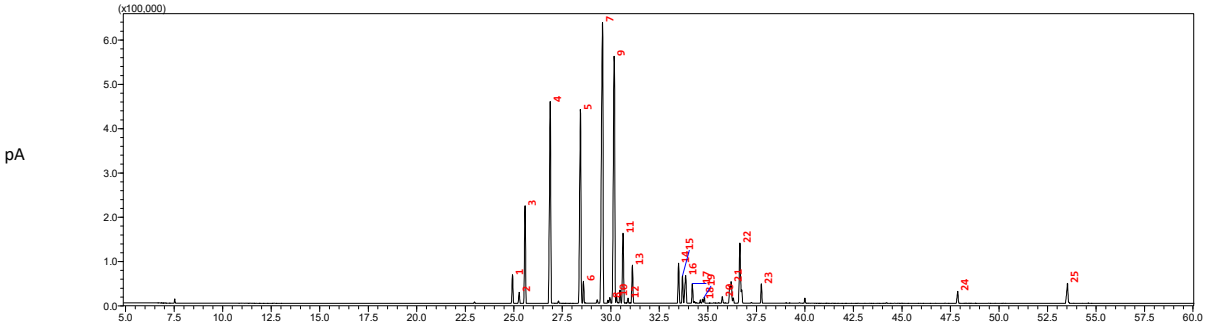


Figure S23. GC analysis of essential oil from aerial part of *V. polyanthes* (November/2024)

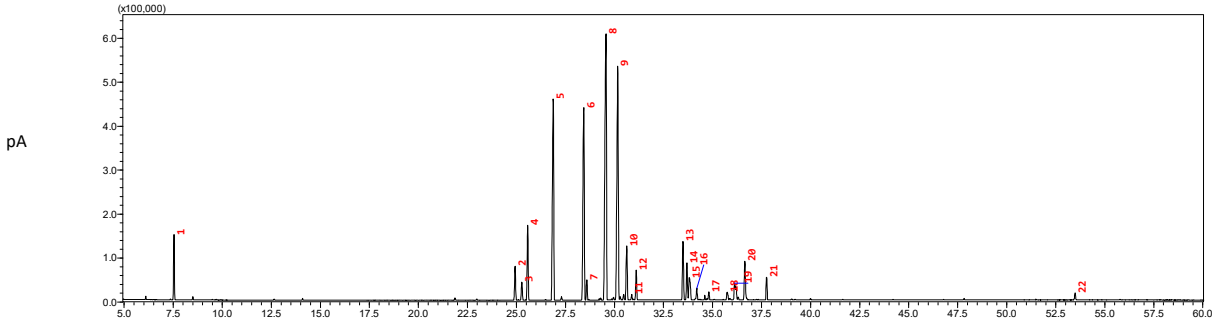


Figure S24. GC analysis of essential oil from aerial part of *V. polyanthes* (December/2024)