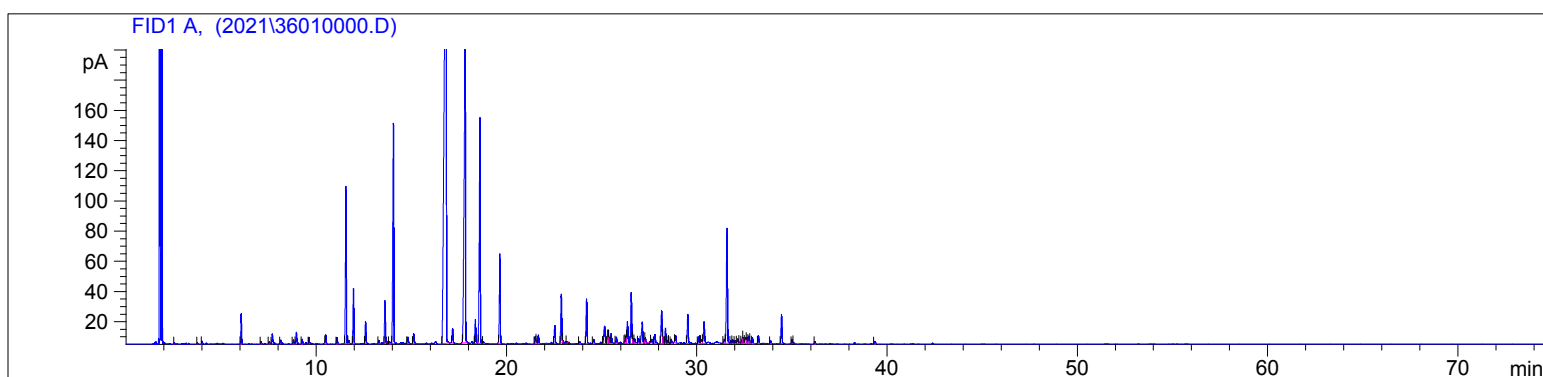


3601-IBHK

Instrument 6890

C:\HPCHEM\2\DATA\2021\
36010000.DGeranium Rose Organic
3601-IBHK
Egypt
Pelargonium graveolens var.
roseumHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250umSample/Solvent Ratio: 0.06g/0.51g
Injection Amount: 0.2uL
15:1 Split Ratio ->9/30/2021 9:29:16 AM
9/30/2021 9:29:16 AM9/30/2021
11:00:41 AM

| # | Compound Name | Meas. Ret. | Amount | Response | Height | Area | Area % |
|----|------------------------|------------|--------|----------|--------|---------|--------|
| 1 | | 2.54 | 100.00 | 1.21 | 0.93 | 1.21 | 0.02 |
| 2 | | 3.75 | 100.00 | 1.43 | 0.85 | 1.43 | 0.02 |
| 3 | | 4.00 | 100.00 | 3.76 | 1.92 | 3.76 | 0.05 |
| 4 | alpha pinene | 6.05 | 100.00 | 46.80 | 20.17 | 46.80 | 0.64 |
| 5 | | 7.10 | 100.00 | 3.90 | 1.67 | 3.90 | 0.05 |
| 6 | | 7.53 | 100.00 | 4.43 | 1.67 | 4.43 | 0.06 |
| 7 | myrcene | 7.68 | 100.00 | 19.34 | 6.62 | 19.34 | 0.26 |
| 8 | | 8.13 | 100.00 | 5.14 | 2.45 | 5.14 | 0.07 |
| 9 | d-limonene | 8.79 | 100.00 | 7.12 | 2.72 | 7.12 | 0.10 |
| 10 | 1.8 cineol | 8.95 | 100.00 | 23.95 | 7.58 | 23.95 | 0.33 |
| 11 | cis-beta ocimene | 9.26 | 100.00 | 8.97 | 3.19 | 8.97 | 0.12 |
| 12 | trans beta ocimene | 9.63 | 100.00 | 12.30 | 4.31 | 12.30 | 0.17 |
| 13 | cis-linalool oxide | 10.51 | 100.00 | 18.19 | 5.90 | 18.19 | 0.25 |
| 14 | | 11.10 | 100.00 | 13.71 | 4.21 | 13.71 | 0.19 |
| 15 | linalool | 11.57 | 100.00 | 326.36 | 103.88 | 326.36 | 4.43 |
| 16 | | 11.72 | 100.00 | 8.14 | 2.29 | 8.14 | 0.11 |
| 17 | cis-rose oxide | 11.97 | 100.00 | 105.13 | 36.56 | 105.13 | 1.43 |
| 18 | trans-rose oxide | 12.60 | 100.00 | 41.72 | 14.62 | 41.72 | 0.57 |
| 19 | camphor | 13.31 | 100.00 | 7.22 | 2.22 | 7.22 | 0.10 |
| 20 | menthone | 13.62 | 100.00 | 88.60 | 28.24 | 88.60 | 1.20 |
| 21 | | 13.86 | 100.00 | 5.05 | 1.57 | 5.05 | 0.07 |
| 22 | isomenthone | 14.07 | 100.00 | 500.74 | 145.54 | 500.74 | 6.80 |
| 23 | cis-pinovarveol | 14.83 | 100.00 | 15.40 | 4.23 | 15.40 | 0.21 |
| 24 | alpha terpineol | 15.13 | 100.00 | 23.05 | 6.58 | 23.05 | 0.31 |
| 25 | citronellol | 16.84 | 100.00 | 2604.22 | 376.17 | 2604.22 | 35.38 |
| 26 | | 17.17 | 100.00 | 32.52 | 9.74 | 32.52 | 0.44 |
| 27 | geraniol | 17.84 | 100.00 | 977.15 | 200.49 | 977.15 | 13.28 |
| 28 | geranial | 18.37 | 100.00 | 52.03 | 15.84 | 52.03 | 0.71 |
| 29 | citronellyl formate | 18.61 | 100.00 | 538.71 | 149.45 | 538.71 | 7.32 |
| 30 | bornyl acetate | 18.79 | 100.00 | 2.64 | 1.11 | 2.64 | 0.04 |
| 31 | geranyl formate | 19.66 | 100.00 | 193.89 | 59.38 | 193.89 | 2.63 |
| 32 | alpha terpinyl acetate | 21.52 | 100.00 | 14.54 | 4.65 | 14.54 | 0.20 |
| 33 | | 21.55 | 100.00 | 4.79 | 1.89 | 4.79 | 0.07 |
| 34 | eugenol | 21.68 | 100.00 | 19.33 | 5.81 | 19.33 | 0.26 |

3601-IBHK

Instrument 6890

C:\HPCHEM\2\DATA\2021\
36010000.D

Geranium Rose Organic

HP-5 5% Phenyl Methyl Siloxane

3601-IBHK

30.000m

Egypt

250.000um

Pelargonium graveolens var.

0.250um

roseum

Sample/Solvent Ratio: 0.06g/0.51g

Injection Amount: 0.2uL

15:1 Split Ratio

->

9/30/2021 9:29:16 AM

9/30/2021

9/30/2021 9:29:16 AM

11:00:41 AM

| # | Compound Name | Meas. Ret. | Amount | Response | Height | Area | Area % |
|----|------------------------|------------|--------|----------|--------|--------|--------|
| 35 | alpha copaene | 22.54 | 100.00 | 41.23 | 11.88 | 41.23 | 0.56 |
| 36 | geranyl acetate | 22.89 | 100.00 | 112.71 | 32.28 | 112.71 | 1.53 |
| 37 | | 22.94 | 100.00 | 3.06 | 1.59 | 3.06 | 0.04 |
| 38 | | 23.19 | 100.00 | 1.27 | 1.00 | 1.27 | 0.02 |
| 39 | | 23.85 | 100.00 | 5.07 | 1.48 | 5.07 | 0.07 |
| 40 | beta caryophyllene | 24.22 | 100.00 | 107.24 | 29.69 | 107.24 | 1.46 |
| 41 | | 24.59 | 100.00 | 11.21 | 2.86 | 11.21 | 0.15 |
| 42 | citronellyl propanoate | 25.16 | 100.00 | 56.06 | 11.51 | 56.06 | 0.76 |
| 43 | | 25.34 | 100.00 | 30.47 | 8.85 | 30.47 | 0.41 |
| 44 | | 25.38 | 100.00 | 11.19 | 4.35 | 11.19 | 0.15 |
| 45 | | 25.51 | 100.00 | 23.96 | 6.58 | 23.96 | 0.33 |
| 46 | | 25.78 | 100.00 | 12.83 | 3.97 | 12.83 | 0.17 |
| 47 | | 26.21 | 100.00 | 4.08 | 1.61 | 4.08 | 0.06 |
| 48 | | 26.29 | 100.00 | 15.43 | 5.06 | 15.43 | 0.21 |
| 49 | | 26.36 | 100.00 | 57.02 | 14.44 | 57.02 | 0.77 |
| 50 | geranyl propanoate | 26.56 | 100.00 | 122.94 | 33.70 | 122.94 | 1.67 |
| 51 | germacrene D | 26.65 | 100.00 | 9.71 | 3.12 | 9.71 | 0.13 |
| 52 | | 26.75 | 100.00 | 11.53 | 2.86 | 11.53 | 0.16 |
| 53 | | 26.95 | 100.00 | 9.73 | 2.95 | 9.73 | 0.13 |
| 54 | gamma cadinene | 27.14 | 100.00 | 62.93 | 13.84 | 62.93 | 0.86 |
| 55 | | 27.25 | 100.00 | 7.21 | 2.53 | 7.21 | 0.10 |
| 56 | | 27.31 | 100.00 | 11.17 | 3.37 | 11.17 | 0.15 |
| 57 | | 27.64 | 100.00 | 6.33 | 2.34 | 6.33 | 0.09 |
| 58 | delta cadinene | 27.80 | 100.00 | 24.99 | 6.15 | 24.99 | 0.34 |
| 59 | cis-calamenene | 28.16 | 100.00 | 86.07 | 21.80 | 86.07 | 1.17 |
| 60 | | 28.21 | 100.00 | 11.52 | 4.85 | 11.52 | 0.16 |
| 61 | citronellyl n-butyrate | 28.36 | 100.00 | 33.60 | 10.14 | 33.60 | 0.46 |
| 62 | trans-calamenene | 28.47 | 100.00 | 6.92 | 2.08 | 6.92 | 0.09 |
| 63 | | 28.54 | 100.00 | 2.44 | 0.82 | 2.44 | 0.03 |
| 64 | | 28.66 | 100.00 | 9.60 | 2.68 | 9.60 | 0.13 |
| 65 | | 28.90 | 100.00 | 17.20 | 4.79 | 17.20 | 0.23 |
| 66 | geranyl n-butyrate | 29.54 | 100.00 | 65.58 | 19.15 | 65.58 | 0.89 |
| 67 | | 30.09 | 100.00 | 16.21 | 4.51 | 16.21 | 0.22 |
| 68 | | 30.20 | 100.00 | 1.93 | 0.84 | 1.93 | 0.03 |
| 69 | | 30.26 | 100.00 | 10.90 | 2.53 | 10.90 | 0.15 |
| 70 | phenethyl tiglate | 30.39 | 100.00 | 57.36 | 14.33 | 57.36 | 0.78 |
| 71 | | 31.45 | 100.00 | 10.17 | 2.77 | 10.17 | 0.14 |
| 72 | 10-epi-gamma-eudesmol | 31.60 | 100.00 | 299.70 | 75.63 | 299.70 | 4.07 |
| 73 | | 31.80 | 100.00 | 5.41 | 1.73 | 5.41 | 0.07 |
| 74 | | 31.89 | 100.00 | 7.31 | 2.22 | 7.31 | 0.10 |
| 75 | | 32.02 | 100.00 | 7.21 | 1.96 | 7.21 | 0.10 |
| 76 | | 32.16 | 100.00 | 11.54 | 2.99 | 11.54 | 0.16 |
| 77 | | 32.24 | 100.00 | 3.08 | 0.85 | 3.08 | 0.04 |
| 78 | beta eudesmol | 32.41 | 100.00 | 11.39 | 3.62 | 11.39 | 0.15 |
| 79 | | 32.44 | 100.00 | 15.13 | 3.92 | 15.13 | 0.21 |
| 80 | alpha eudesmol | 32.57 | 100.00 | 16.30 | 3.94 | 16.30 | 0.22 |
| 81 | | 32.64 | 100.00 | 14.88 | 3.99 | 14.88 | 0.20 |
| 82 | | 32.74 | 100.00 | 17.86 | 4.89 | 17.86 | 0.24 |
| 83 | | 32.78 | 100.00 | 6.21 | 2.07 | 6.21 | 0.08 |
| 84 | | 32.93 | 100.00 | 14.04 | 3.71 | 14.04 | 0.19 |
| 85 | | 33.25 | 100.00 | 17.18 | 5.10 | 17.18 | 0.23 |
| 86 | | 33.89 | 100.00 | 6.23 | 1.81 | 6.23 | 0.08 |
| 87 | geranyl tiglate | 34.46 | 100.00 | 64.69 | 19.25 | 64.69 | 0.88 |
| 88 | | 35.02 | 100.00 | 9.31 | 2.85 | 9.31 | 0.13 |
| 89 | | 35.09 | 100.00 | 1.47 | 0.58 | 1.47 | 0.02 |

3601-IBHK

Instrument 6890

C:\HPCHEM\2\DATA\2021\
36010000.D

Geranium Rose Organic

HP-5 5% Phenyl Methyl Siloxane

3601-IBHK

30.000m

Egypt

250.000um

Pelargonium graveolens var.

0.250um

roseum

Sample/Solvent Ratio: 0.06g/0.51g

Injection Amount: 0.2uL

15:1 Split Ratio ->

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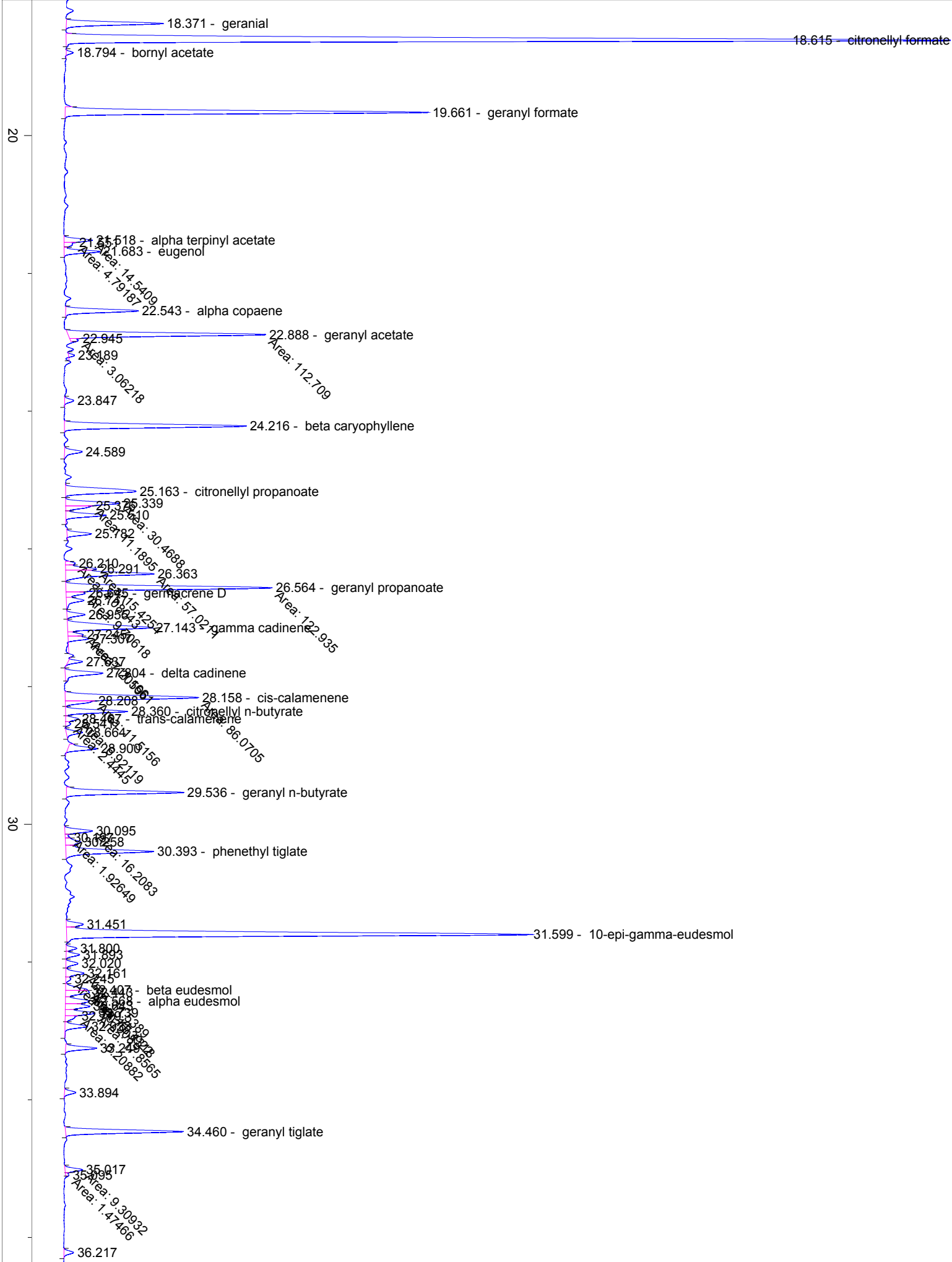
9/30/2021

9/30/2021 9:29:16 AM

11:00:41 AM

| # | Compound Name | Meas. Ret. | Amount | Response | Height | Area | Area % |
|----|---------------|------------|--------|----------|--------|------|--------|
| 90 | | 36.22 | 100.00 | 5.40 | 1.59 | 5.40 | 0.07 |
| 91 | | 39.36 | 100.00 | 5.97 | 1.72 | 5.97 | 0.08 |





40

39.363

50

