

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042723\  
 Data File : VW025725.D  
 Acq On : 27 Apr 2023 14:45  
 Operator : SY/MD  
 Sample : 02479-19  
 Misc : 5.07g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK002

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042723SMA.M  
 Title : SFAM01.0

Signal : TIC: VW025725.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.363       | 73            | 78          | 91           | rVB      | 105012         | 268780        | 10.20%          | 1.422%        |
| 2         | 3.570       | 274           | 276         | 277          | rBV2     | 2060           | 1497          | 0.06%           | 0.008%        |
| 3         | 3.692       | 294           | 296         | 297          | rBV2     | 2000           | 1879          | 0.07%           | 0.010%        |
| 4         | 3.911       | 328           | 332         | 333          | rBV4     | 2334           | 2660          | 0.10%           | 0.014%        |
| 5         | 4.027       | 340           | 351         | 372          | rBV      | 223195         | 785495        | 29.81%          | 4.155%        |
| 6         | 4.320       | 398           | 399         | 400          | rBV      | 1520           | 835           | 0.03%           | 0.004%        |
| 7         | 4.606       | 444           | 446         | 447          | rBV2     | 1501           | 1298          | 0.05%           | 0.007%        |
| 8         | 4.618       | 447           | 448         | 449          | rBV      | 1450           | 870           | 0.03%           | 0.005%        |
| 9         | 4.704       | 458           | 462         | 465          | rBV6     | 2260           | 3164          | 0.12%           | 0.017%        |
| 10        | 4.765       | 471           | 472         | 475          | rVB3     | 1543           | 1313          | 0.05%           | 0.007%        |
| 11        | 4.795       | 475           | 477         | 479          | rBV3     | 2139           | 1841          | 0.07%           | 0.010%        |
| 12        | 4.844       | 483           | 485         | 486          | rBV2     | 2223           | 1367          | 0.05%           | 0.007%        |
| 13        | 4.917       | 488           | 497         | 511          | rVV3     | 29575          | 112039        | 4.25%           | 0.593%        |
| 14        | 5.124       | 529           | 531         | 533          | rBV3     | 2136           | 2309          | 0.09%           | 0.012%        |
| 15        | 5.197       | 541           | 543         | 546          | rVB4     | 1739           | 1367          | 0.05%           | 0.007%        |
| 16        | 5.368       | 569           | 571         | 572          | rBV2     | 1232           | 1045          | 0.04%           | 0.006%        |
| 17        | 5.508       | 593           | 594         | 596          | rBV2     | 1484           | 1428          | 0.05%           | 0.008%        |
| 18        | 5.649       | 616           | 617         | 621          | rVB4     | 1524           | 1607          | 0.06%           | 0.009%        |
| 19        | 5.710       | 625           | 627         | 630          | rVB4     | 1558           | 1039          | 0.04%           | 0.005%        |
| 20        | 5.734       | 630           | 631         | 633          | rVB2     | 1829           | 991           | 0.04%           | 0.005%        |
| 21        | 5.771       | 635           | 637         | 638          | rBV2     | 1297           | 677           | 0.03%           | 0.004%        |
| 22        | 5.813       | 642           | 644         | 649          | rBV6     | 1384           | 1689          | 0.06%           | 0.009%        |
| 23        | 5.899       | 655           | 658         | 659          | rBV2     | 2801           | 2738          | 0.10%           | 0.014%        |
| 24        | 5.941       | 659           | 665         | 672          | rVB4     | 13284          | 37443         | 1.42%           | 0.198%        |
| 25        | 6.081       | 686           | 688         | 690          | rBV3     | 1017           | 707           | 0.03%           | 0.004%        |
| 26        | 6.179       | 700           | 704         | 705          | rBV4     | 1527           | 1822          | 0.07%           | 0.010%        |
| 27        | 6.338       | 728           | 730         | 731          | rVB2     | 1258           | 650           | 0.02%           | 0.003%        |
| 28        | 6.392       | 736           | 739         | 742          | rBV4     | 1738           | 2646          | 0.10%           | 0.014%        |
| 29        | 6.545       | 762           | 764         | 766          | rBV3     | 1416           | 1384          | 0.05%           | 0.007%        |
| 30        | 6.612       | 773           | 775         | 779          | rBV5     | 1872           | 2405          | 0.09%           | 0.013%        |
| 31        | 6.691       | 786           | 788         | 791          | rBV4     | 1391           | 1139          | 0.04%           | 0.006%        |
| 32        | 6.722       | 791           | 793         | 796          | rVB4     | 941            | 817           | 0.03%           | 0.004%        |
| 33        | 6.752       | 796           | 798         | 801          | rVB4     | 1667           | 1867          | 0.07%           | 0.010%        |
| 34        | 6.783       | 801           | 803         | 805          | rVB3     | 1288           | 973           | 0.04%           | 0.005%        |
| 35        | 6.807       | 805           | 807         | 809          | rBV3     | 1817           | 1681          | 0.06%           | 0.009%        |
| 36        | 6.929       | 824           | 827         | 829          | rBV4     | 1491           | 1679          | 0.06%           | 0.009%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042723SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 7.075  | 842  | 851  | 867  | rBV  | 84191   | 253064  | 9.60%   | 1.339%  |
| 38 | 7.301  | 886  | 888  | 889  | rBV2 | 1193    | 734     | 0.03%   | 0.004%  |
| 39 | 7.368  | 894  | 899  | 902  | rBV7 | 1611    | 3591    | 0.14%   | 0.019%  |
| 40 | 7.429  | 907  | 909  | 913  | rVB5 | 1598    | 1199    | 0.05%   | 0.006%  |
| 41 | 7.508  | 919  | 922  | 925  | rBV4 | 2419    | 2985    | 0.11%   | 0.016%  |
| 42 | 7.648  | 934  | 945  | 956  | rBV  | 438735  | 1073307 | 40.74%  | 5.677%  |
| 43 | 7.874  | 980  | 982  | 984  | rBV3 | 1422    | 1319    | 0.05%   | 0.007%  |
| 44 | 7.941  | 991  | 993  | 994  | rBV2 | 1528    | 1439    | 0.05%   | 0.008%  |
| 45 | 8.014  | 1002 | 1005 | 1006 | rBV3 | 1597    | 1404    | 0.05%   | 0.007%  |
| 46 | 8.038  | 1007 | 1009 | 1014 | rVV6 | 1379    | 2382    | 0.09%   | 0.013%  |
| 47 | 8.105  | 1018 | 1020 | 1023 | rBV4 | 883     | 1190    | 0.05%   | 0.006%  |
| 48 | 8.197  | 1031 | 1035 | 1038 | rBV6 | 3060    | 5635    | 0.21%   | 0.030%  |
| 49 | 8.276  | 1038 | 1048 | 1062 | rVV2 | 883892  | 2634744 | 100.00% | 13.936% |
| 50 | 8.471  | 1076 | 1080 | 1082 | rBV5 | 1878    | 2840    | 0.11%   | 0.015%  |
| 51 | 8.520  | 1086 | 1088 | 1090 | rBV3 | 1292    | 1228    | 0.05%   | 0.006%  |
| 52 | 8.581  | 1097 | 1098 | 1099 | rVB  | 2029    | 743     | 0.03%   | 0.004%  |
| 53 | 8.599  | 1099 | 1101 | 1103 | rBV3 | 1662    | 1796    | 0.07%   | 0.009%  |
| 54 | 8.654  | 1108 | 1110 | 1113 | rBV4 | 1447    | 1767    | 0.07%   | 0.009%  |
| 55 | 8.843  | 1131 | 1141 | 1153 | rBV  | 913943  | 1813174 | 68.82%  | 9.591%  |
| 56 | 9.270  | 1203 | 1211 | 1220 | rBV  | 624151  | 1270394 | 48.22%  | 6.720%  |
| 57 | 9.508  | 1248 | 1250 | 1253 | rBV4 | 1720    | 1919    | 0.07%   | 0.010%  |
| 58 | 9.642  | 1270 | 1272 | 1274 | rBV3 | 1464    | 1411    | 0.05%   | 0.007%  |
| 59 | 9.709  | 1279 | 1283 | 1286 | rBV6 | 2249    | 4412    | 0.17%   | 0.023%  |
| 60 | 9.831  | 1301 | 1303 | 1304 | rBV2 | 1756    | 1475    | 0.06%   | 0.008%  |
| 61 | 9.886  | 1308 | 1312 | 1319 | rVV2 | 14520   | 29547   | 1.12%   | 0.156%  |
| 62 | 10.032 | 1328 | 1336 | 1344 | rBV  | 329884  | 603407  | 22.90%  | 3.192%  |
| 63 | 10.178 | 1358 | 1360 | 1362 | rBV3 | 1204    | 1159    | 0.04%   | 0.006%  |
| 64 | 10.221 | 1365 | 1367 | 1368 | rBV2 | 1697    | 1417    | 0.05%   | 0.007%  |
| 65 | 10.245 | 1368 | 1371 | 1375 | rVB2 | 6251    | 8841    | 0.34%   | 0.047%  |
| 66 | 10.325 | 1376 | 1384 | 1393 | rBV  | 1207931 | 2167688 | 82.27%  | 11.466% |
| 67 | 10.575 | 1418 | 1425 | 1434 | rBV  | 207539  | 365254  | 13.86%  | 1.932%  |
| 68 | 10.696 | 1441 | 1445 | 1453 | rVB2 | 12148   | 26597   | 1.01%   | 0.141%  |
| 69 | 10.855 | 1466 | 1471 | 1474 | rBV7 | 2690    | 4734    | 0.18%   | 0.025%  |
| 70 | 10.922 | 1476 | 1482 | 1495 | rVV  | 312112  | 547035  | 20.76%  | 2.893%  |
| 71 | 11.227 | 1530 | 1532 | 1534 | rBV3 | 1710    | 1186    | 0.05%   | 0.006%  |
| 72 | 11.367 | 1554 | 1555 | 1560 | rBV5 | 1642    | 2164    | 0.08%   | 0.011%  |
| 73 | 11.568 | 1585 | 1588 | 1589 | rBV3 | 1935    | 1727    | 0.07%   | 0.009%  |
| 74 | 11.629 | 1590 | 1598 | 1607 | rVV  | 1300859 | 2147948 | 81.52%  | 11.361% |
| 75 | 11.922 | 1645 | 1646 | 1648 | rBV2 | 1852    | 1422    | 0.05%   | 0.008%  |
| 76 | 12.050 | 1664 | 1667 | 1668 | rBV3 | 1720    | 2283    | 0.09%   | 0.012%  |

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK002

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042723SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |       |         |         |        |         |
|-----|--------|------|------|------|-------|---------|---------|--------|---------|
| 77  | 12.361 | 1716 | 1718 | 1722 | rVB5  | 2774    | 3359    | 0.13%  | 0.018%  |
| 78  | 12.410 | 1722 | 1726 | 1729 | rBV6  | 2090    | 3751    | 0.14%  | 0.020%  |
| 79  | 12.464 | 1729 | 1735 | 1740 | rBV10 | 4137    | 9032    | 0.34%  | 0.048%  |
| 80  | 12.562 | 1750 | 1751 | 1752 | rBV   | 1625    | 914     | 0.03%  | 0.005%  |
| 81  | 12.599 | 1752 | 1757 | 1765 | rVB   | 27710   | 49643   | 1.88%  | 0.263%  |
| 82  | 12.690 | 1765 | 1772 | 1778 | rBV   | 461663  | 757326  | 28.74% | 4.006%  |
| 83  | 12.891 | 1803 | 1805 | 1808 | rVB4  | 1208    | 1262    | 0.05%  | 0.007%  |
| 84  | 12.934 | 1808 | 1812 | 1815 | rBV6  | 3219    | 5084    | 0.19%  | 0.027%  |
| 85  | 13.068 | 1832 | 1834 | 1835 | rVB2  | 2134    | 976     | 0.04%  | 0.005%  |
| 86  | 13.117 | 1840 | 1842 | 1844 | rBV2  | 1088    | 881     | 0.03%  | 0.005%  |
| 87  | 13.178 | 1850 | 1852 | 1853 | rBV2  | 2214    | 1502    | 0.06%  | 0.008%  |
| 88  | 13.281 | 1866 | 1869 | 1872 | rBV5  | 2480    | 2755    | 0.10%  | 0.015%  |
| 89  | 13.464 | 1895 | 1899 | 1900 | rBV3  | 5811    | 6701    | 0.25%  | 0.035%  |
| 90  | 13.556 | 1907 | 1914 | 1924 | rBV   | 1254810 | 1977488 | 75.05% | 10.460% |
| 91  | 13.848 | 1955 | 1962 | 1969 | rBV   | 1056006 | 1722894 | 65.39% | 9.113%  |
| 92  | 14.062 | 1992 | 1997 | 2003 | rBV2  | 34873   | 54717   | 2.08%  | 0.289%  |
| 93  | 14.214 | 2020 | 2022 | 2025 | rBV4  | 1870    | 2450    | 0.09%  | 0.013%  |
| 94  | 14.318 | 2036 | 2039 | 2044 | rVB6  | 3425    | 6057    | 0.23%  | 0.032%  |
| 95  | 14.428 | 2055 | 2057 | 2060 | rBV4  | 1734    | 1138    | 0.04%  | 0.006%  |
| 96  | 14.623 | 2084 | 2089 | 2095 | rBV4  | 13998   | 24814   | 0.94%  | 0.131%  |
| 97  | 14.903 | 2133 | 2135 | 2136 | rBV   | 1520    | 1016    | 0.04%  | 0.005%  |
| 98  | 14.970 | 2144 | 2146 | 2148 | rBV3  | 1675    | 1437    | 0.05%  | 0.008%  |
| 99  | 15.482 | 2226 | 2230 | 2236 | rVB   | 11254   | 17708   | 0.67%  | 0.094%  |
| 100 | 15.915 | 2299 | 2301 | 2304 | rBV4  | 2456    | 3051    | 0.12%  | 0.016%  |

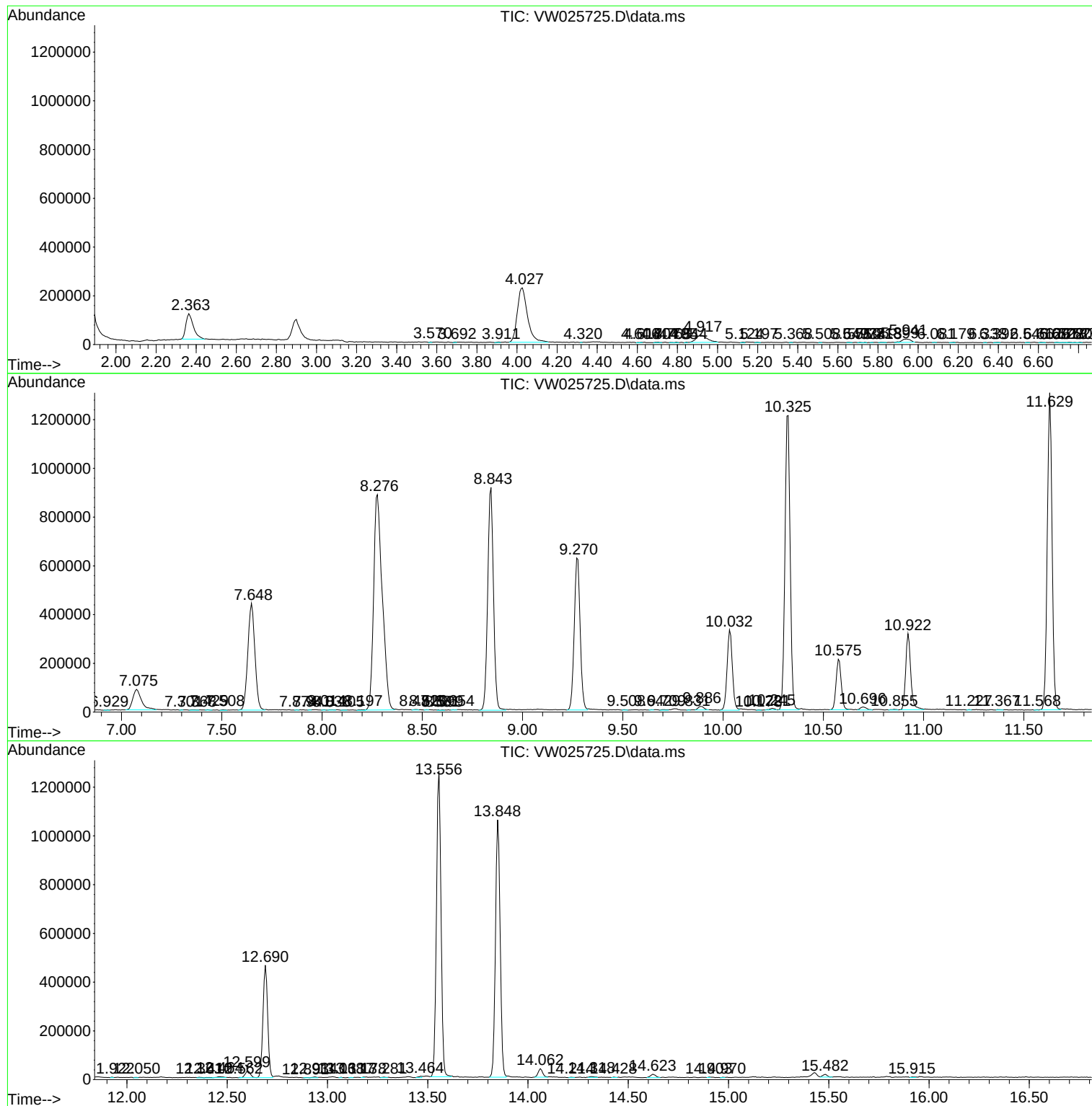
Sum of corrected areas: 18905658

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042723SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM042723SMA.M  
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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|