

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG041321\  
 Data File : FG007827.D  
 Signal(s) : FID1A.ch  
 Acq On : 13 Apr 2021 16:35  
 Sample : M2019-03 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG040521.M  
 Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.373       | 2.331        | 2.463      | BH       | 186            | -1004        | -0.01%         | -0.000%       |
| 2         | 2.476       | 2.463        | 2.537      | PH       | -66            | -4429        | -0.04%         | -0.001%       |
| 3         | 2.556       | 2.537        | 2.582      | PH       | 105            | -878         | -0.01%         | -0.000%       |
| 4         | 2.613       | 2.582        | 2.632      | PH       | 93             | -1800        | -0.02%         | -0.001%       |
| 5         | 2.648       | 2.632        | 2.661      | PH       | -11            | -1333        | -0.01%         | -0.000%       |
| 6         | 2.667       | 2.661        | 2.698      | PH       | -14            | -2409        | -0.02%         | -0.001%       |
| 7         | 2.703       | 2.698        | 2.720      | PH       | -142           | -2247        | -0.02%         | -0.001%       |
| 8         | 2.732       | 2.720        | 2.789      | PH       | -120           | -7613        | -0.07%         | -0.002%       |
| 9         | 2.799       | 2.789        | 2.811      | PH       | -201           | -3221        | -0.03%         | -0.001%       |
| 10        | 2.836       | 2.811        | 2.878      | PH       | -77            | -8089        | -0.07%         | -0.002%       |
| 11        | 2.889       | 2.878        | 2.898      | PH       | -208           | -3160        | -0.03%         | -0.001%       |
| 12        | 2.902       | 2.898        | 2.908      | PH       | -208           | -1539        | -0.01%         | -0.000%       |
| 13        | 2.927       | 2.908        | 2.991      | PH       | 131            | -7727        | -0.07%         | -0.002%       |
| 14        | 3.001       | 2.991        | 3.013      | PH       | -199           | -3103        | -0.03%         | -0.001%       |
| 15        | 3.033       | 3.013        | 3.045      | PH       | -185           | -4367        | -0.04%         | -0.001%       |
| 16        | 3.053       | 3.045        | 3.075      | PH       | -161           | -3604        | -0.03%         | -0.001%       |
| 17        | 3.106       | 3.075        | 3.130      | PH       | 41             | -4647        | -0.04%         | -0.001%       |
| 18        | 3.153       | 3.130        | 3.168      | PH       | 56             | -3285        | -0.03%         | -0.001%       |
| 19        | 3.186       | 3.168        | 3.280      | PH       | 850            | -7346        | -0.07%         | -0.002%       |
| 20        | 3.314       | 3.280        | 3.387      | PH       | 292            | -10484       | -0.10%         | -0.003%       |
| 21        | 3.405       | 3.387        | 3.448      | PH       | -6             | -9466        | -0.09%         | -0.003%       |
| 22        | 3.456       | 3.448        | 3.495      | PH       | -295           | -10039       | -0.09%         | -0.003%       |
| 23        | 3.514       | 3.495        | 3.555      | PH       | -315           | -12380       | -0.11%         | -0.004%       |
| 24        | 3.586       | 3.555        | 3.601      | PH       | -304           | -10243       | -0.09%         | -0.003%       |
| 25        | 3.611       | 3.601        | 3.638      | PH       | -359           | -8831        | -0.08%         | -0.003%       |
| 26        | 3.653       | 3.638        | 3.678      | PH       | -346           | -9312        | -0.08%         | -0.003%       |
| 27        | 3.712       | 3.678        | 3.760      | PH       | 3084           | 12037        | 0.11%          | 0.003%        |
| 28        | 3.785       | 3.760        | 3.801      | PH       | -267           | -8676        | -0.08%         | -0.002%       |
| 29        | 3.821       | 3.801        | 3.831      | PH       | -237           | -5364        | -0.05%         | -0.002%       |
| 30        | 3.844       | 3.831        | 3.873      | PH       | -149           | -7743        | -0.07%         | -0.002%       |
| 31        | 3.904       | 3.873        | 3.954      | PH       | 147            | -14559       | -0.13%         | -0.004%       |
| 32        | 3.989       | 3.954        | 4.034      | PH       | 60             | -15782       | -0.14%         | -0.004%       |
| 33        | 4.057       | 4.034        | 4.075      | PH       | 5068           | 30409        | 0.28%          | 0.009%        |
| 34        | 4.084       | 4.075        | 4.092      | PH       | -19            | -1140        | -0.01%         | -0.000%       |
| 35        | 4.102       | 4.092        | 4.120      | PH       | -28            | -2413        | -0.02%         | -0.001%       |
| 36        | 4.134       | 4.120        | 4.147      | PH       | -42            | -3490        | -0.03%         | -0.001%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 4.161 | 4.147 | 4.202 | PH | -229   | -11666 | -0.11% | -0.003% |
| 38 | 4.247 | 4.202 | 4.269 | PH | 1386   | -44    | -0.00% | -0.000% |
| 39 | 4.277 | 4.269 | 4.320 | PH | -126   | -9752  | -0.09% | -0.003% |
| 40 | 4.334 | 4.320 | 4.375 | PH | -340   | -13331 | -0.12% | -0.004% |
| 41 | 4.482 | 4.375 | 4.497 | PH | 389    | -14196 | -0.13% | -0.004% |
| 42 | 4.527 | 4.497 | 4.548 | PH | 258    | -4905  | -0.04% | -0.001% |
| 43 | 4.557 | 4.548 | 4.568 | PH | -285   | -4369  | -0.04% | -0.001% |
| 44 | 4.585 | 4.568 | 4.610 | PH | -321   | -9993  | -0.09% | -0.003% |
| 45 | 4.632 | 4.610 | 4.668 | PH | 215    | -10091 | -0.09% | -0.003% |
| 46 | 4.696 | 4.668 | 4.731 | PH | -135   | -12009 | -0.11% | -0.003% |
| 47 | 4.738 | 4.731 | 4.758 | PH | -403   | -7013  | -0.06% | -0.002% |
| 48 | 4.775 | 4.758 | 4.795 | PH | -320   | -9114  | -0.08% | -0.003% |
| 49 | 4.820 | 4.795 | 4.850 | PH | -179   | -11209 | -0.10% | -0.003% |
| 50 | 4.865 | 4.850 | 4.885 | PH | 27     | -5889  | -0.05% | -0.002% |
| 51 | 4.904 | 4.885 | 4.925 | PH | -196   | -8526  | -0.08% | -0.002% |
| 52 | 4.940 | 4.925 | 5.001 | PH | 156    | -16404 | -0.15% | -0.005% |
| 53 | 5.017 | 5.001 | 5.035 | PH | -246   | -8116  | -0.07% | -0.002% |
| 54 | 5.055 | 5.035 | 5.064 | PH | -401   | -7430  | -0.07% | -0.002% |
| 55 | 5.077 | 5.064 | 5.110 | PH | -282   | -10299 | -0.09% | -0.003% |
| 56 | 5.129 | 5.110 | 5.157 | PH | 145    | -3510  | -0.03% | -0.001% |
| 57 | 5.181 | 5.157 | 5.190 | PH | -230   | -5354  | -0.05% | -0.002% |
| 58 | 5.206 | 5.190 | 5.249 | PH | 314    | -7301  | -0.07% | -0.002% |
| 59 | 5.259 | 5.249 | 5.281 | PH | -355   | -9593  | -0.09% | -0.003% |
| 60 | 5.296 | 5.281 | 5.317 | PH | -447   | -10559 | -0.10% | -0.003% |
| 61 | 5.343 | 5.317 | 5.379 | PH | 192    | -11988 | -0.11% | -0.003% |
| 62 | 5.403 | 5.379 | 5.461 | PH | -105   | -20831 | -0.19% | -0.006% |
| 63 | 5.478 | 5.461 | 5.499 | PH | -460   | -11923 | -0.11% | -0.003% |
| 64 | 5.528 | 5.499 | 5.545 | PH | 669    | -2686  | -0.02% | -0.001% |
| 65 | 5.562 | 5.545 | 5.591 | PH | 752    | -2093  | -0.02% | -0.001% |
| 66 | 5.596 | 5.591 | 5.611 | PH | -472   | -6331  | -0.06% | -0.002% |
| 67 | 5.633 | 5.611 | 5.665 | PH | -351   | -16474 | -0.15% | -0.005% |
| 68 | 5.716 | 5.665 | 5.761 | PH | 7      | -25967 | -0.24% | -0.007% |
| 69 | 5.811 | 5.761 | 5.847 | PH | 411    | -13116 | -0.12% | -0.004% |
| 70 | 5.866 | 5.847 | 5.885 | PH | -28    | -7716  | -0.07% | -0.002% |
| 71 | 5.902 | 5.885 | 5.917 | PH | -226   | -7799  | -0.07% | -0.002% |
| 72 | 5.938 | 5.917 | 5.964 | PH | -361   | -12634 | -0.12% | -0.004% |
| 73 | 5.984 | 5.964 | 6.008 | PH | -166   | -10545 | -0.10% | -0.003% |
| 74 | 6.033 | 6.008 | 6.050 | PH | -256   | -8989  | -0.08% | -0.003% |
| 75 | 6.080 | 6.050 | 6.100 | PH | 2034   | 13409  | 0.12%  | 0.004%  |
| 76 | 6.110 | 6.100 | 6.152 | PH | -156   | -10863 | -0.10% | -0.003% |
| 77 | 6.169 | 6.152 | 6.193 | PH | -221   | -10388 | -0.09% | -0.003% |
| 78 | 6.218 | 6.193 | 6.245 | PH | 813    | 2970   | 0.03%  | 0.001%  |
| 79 | 6.258 | 6.245 | 6.281 | PH | -230   | -7768  | -0.07% | -0.002% |
| 80 | 6.297 | 6.281 | 6.314 | PH | -134   | -6949  | -0.06% | -0.002% |
| 81 | 6.351 | 6.314 | 6.378 | PH | 58     | -10648 | -0.10% | -0.003% |
| 82 | 6.402 | 6.378 | 6.412 | PH | -441   | -10035 | -0.09% | -0.003% |
| 83 | 6.434 | 6.412 | 6.483 | PH | -174   | -16932 | -0.15% | -0.005% |
| 84 | 6.510 | 6.483 | 6.565 | PH | 1044   | -9797  | -0.09% | -0.003% |
| 85 | 6.628 | 6.565 | 6.646 | PH | -249   | -21530 | -0.20% | -0.006% |
| 86 | 6.660 | 6.646 | 6.685 | PH | -46    | -7283  | -0.07% | -0.002% |
| 87 | 6.711 | 6.685 | 6.771 | PH | -160   | -21510 | -0.20% | -0.006% |
| 88 | 6.792 | 6.771 | 6.818 | PH | 160    | -7900  | -0.07% | -0.002% |
| 89 | 6.848 | 6.818 | 6.877 | PH | -288   | -14844 | -0.14% | -0.004% |

|     |       |       |       |    |        |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
|     |       |       |       |    | rteres |        |        |         |
| 90  | 6.915 | 6.877 | 6.941 | PH | 383    | -9732  | -0.09% | -0.003% |
| 91  | 6.950 | 6.941 | 6.966 | PH | -366   | -6506  | -0.06% | -0.002% |
| 92  | 7.014 | 6.966 | 7.023 | PH | 57     | -5467  | -0.05% | -0.002% |
| 93  | 7.037 | 7.023 | 7.057 | PH | 95     | -1415  | -0.01% | -0.000% |
| 94  | 7.075 | 7.057 | 7.107 | PH | 227    | -3931  | -0.04% | -0.001% |
| 95  | 7.139 | 7.107 | 7.159 | PH | 2272   | 18555  | 0.17%  | 0.005%  |
| 96  | 7.171 | 7.159 | 7.199 | PH | 31     | -4122  | -0.04% | -0.001% |
| 97  | 7.217 | 7.199 | 7.258 | PH | 85     | -7987  | -0.07% | -0.002% |
| 98  | 7.275 | 7.258 | 7.298 | PH | 1399   | 6844   | 0.06%  | 0.002%  |
| 99  | 7.314 | 7.298 | 7.365 | PH | -269   | -14630 | -0.13% | -0.004% |
| 100 | 7.375 | 7.365 | 7.384 | PH | -380   | -4913  | -0.04% | -0.001% |
| 101 | 7.437 | 7.384 | 7.469 | PH | 1028   | 1154   | 0.01%  | 0.000%  |
| 102 | 7.484 | 7.469 | 7.498 | PH | -198   | -5215  | -0.05% | -0.001% |
| 103 | 7.514 | 7.498 | 7.551 | PH | -198   | -9562  | -0.09% | -0.003% |
| 104 | 7.562 | 7.551 | 7.591 | PH | -359   | -9652  | -0.09% | -0.003% |
| 105 | 7.616 | 7.591 | 7.651 | PH | 107    | -5597  | -0.05% | -0.002% |
| 106 | 7.667 | 7.651 | 7.700 | PH | -191   | -10438 | -0.10% | -0.003% |
| 107 | 7.732 | 7.700 | 7.744 | PH | -235   | -9102  | -0.08% | -0.003% |
| 108 | 7.756 | 7.744 | 7.762 | PH | -143   | -2369  | -0.02% | -0.001% |
| 109 | 7.778 | 7.762 | 7.815 | PH | 329    | -3749  | -0.03% | -0.001% |
| 110 | 7.865 | 7.815 | 7.905 | PH | 525    | -828   | -0.01% | -0.000% |
| 111 | 7.918 | 7.905 | 7.945 | PH | 40     | -3246  | -0.03% | -0.001% |
| 112 | 7.960 | 7.945 | 7.981 | PH | 27     | -3586  | -0.03% | -0.001% |
| 113 | 8.022 | 7.981 | 8.033 | PH | 159    | -771   | -0.01% | -0.000% |
| 114 | 8.051 | 8.033 | 8.098 | HH | 428    | 4775   | 0.04%  | 0.001%  |
| 115 | 8.132 | 8.098 | 8.154 | PH | 1288   | 15307  | 0.14%  | 0.004%  |
| 116 | 8.163 | 8.154 | 8.177 | PH | -105   | -1958  | -0.02% | -0.001% |
| 117 | 8.199 | 8.177 | 8.210 | PH | 121    | 17     | 0.00%  | 0.000%  |
| 118 | 8.240 | 8.210 | 8.254 | PH | 2009   | 20924  | 0.19%  | 0.006%  |
| 119 | 8.270 | 8.254 | 8.288 | HH | 1913   | 23169  | 0.21%  | 0.007%  |
| 120 | 8.310 | 8.288 | 8.343 | HH | 3968   | 45610  | 0.42%  | 0.013%  |
| 121 | 8.371 | 8.343 | 8.391 | PH | 3786   | 39088  | 0.36%  | 0.011%  |
| 122 | 8.425 | 8.391 | 8.461 | HH | 3358   | 45510  | 0.42%  | 0.013%  |
| 123 | 8.479 | 8.461 | 8.491 | HH | 571    | 5934   | 0.05%  | 0.002%  |
| 124 | 8.512 | 8.491 | 8.524 | HH | 446    | 6398   | 0.06%  | 0.002%  |
| 125 | 8.536 | 8.524 | 8.581 | HH | 431    | 4546   | 0.04%  | 0.001%  |
| 126 | 8.608 | 8.581 | 8.651 | PH | 152    | -909   | -0.01% | -0.000% |
| 127 | 8.674 | 8.651 | 8.691 | PH | 450    | 5131   | 0.05%  | 0.001%  |
| 128 | 8.721 | 8.691 | 8.743 | HH | 3709   | 42930  | 0.39%  | 0.012%  |
| 129 | 8.775 | 8.743 | 8.814 | HH | 1044   | 23283  | 0.21%  | 0.007%  |
| 130 | 8.847 | 8.814 | 8.878 | HH | 1586   | 26375  | 0.24%  | 0.007%  |
| 131 | 8.881 | 8.878 | 8.891 | HH | 234    | 1378   | 0.01%  | 0.000%  |
| 132 | 8.914 | 8.891 | 8.941 | HH | 431    | 10122  | 0.09%  | 0.003%  |
| 133 | 8.960 | 8.941 | 8.976 | HH | 1070   | 13929  | 0.13%  | 0.004%  |
| 134 | 8.994 | 8.976 | 9.015 | HH | 2270   | 26117  | 0.24%  | 0.007%  |
| 135 | 9.036 | 9.015 | 9.055 | HH | 2271   | 26499  | 0.24%  | 0.008%  |
| 136 | 9.064 | 9.055 | 9.075 | HH | 596    | 6407   | 0.06%  | 0.002%  |
| 137 | 9.083 | 9.075 | 9.098 | HH | 581    | 6281   | 0.06%  | 0.002%  |
| 138 | 9.134 | 9.098 | 9.154 | HH | 4138   | 52182  | 0.48%  | 0.015%  |
| 139 | 9.170 | 9.154 | 9.203 | HH | 1400   | 19220  | 0.18%  | 0.005%  |
| 140 | 9.225 | 9.203 | 9.253 | HH | 682    | 10471  | 0.10%  | 0.003%  |
| 141 | 9.287 | 9.253 | 9.304 | HH | 1301   | 17421  | 0.16%  | 0.005%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 142 | 9.319  | 9.304  | 9.351  | HH | 1023   | 14985  | 0.14% | 0.004% |
| 143 | 9.371  | 9.351  | 9.388  | HH | 863    | 11167  | 0.10% | 0.003% |
| 144 | 9.424  | 9.388  | 9.445  | HH | 1328   | 22455  | 0.20% | 0.006% |
| 145 | 9.467  | 9.445  | 9.478  | HH | 957    | 12956  | 0.12% | 0.004% |
| 146 | 9.505  | 9.478  | 9.543  | HH | 4961   | 82307  | 0.75% | 0.023% |
| 147 | 9.554  | 9.543  | 9.566  | HH | 924    | 10422  | 0.10% | 0.003% |
| 148 | 9.588  | 9.566  | 9.618  | HH | 1657   | 34076  | 0.31% | 0.010% |
| 149 | 9.655  | 9.618  | 9.676  | HH | 1580   | 35321  | 0.32% | 0.010% |
| 150 | 9.690  | 9.676  | 9.704  | HH | 962    | 14379  | 0.13% | 0.004% |
| 151 | 9.715  | 9.704  | 9.758  | HH | 1018   | 21645  | 0.20% | 0.006% |
| 152 | 9.770  | 9.758  | 9.805  | HH | 646    | 14744  | 0.13% | 0.004% |
| 153 | 9.831  | 9.805  | 9.865  | HH | 1798   | 40692  | 0.37% | 0.012% |
| 154 | 9.878  | 9.865  | 9.891  | HH | 945    | 12937  | 0.12% | 0.004% |
| 155 | 9.916  | 9.891  | 9.975  | HH | 6758   | 109271 | 1.00% | 0.031% |
| 156 | 9.992  | 9.975  | 10.011 | HH | 807    | 13428  | 0.12% | 0.004% |
| 157 | 10.025 | 10.011 | 10.052 | HH | 719    | 13635  | 0.12% | 0.004% |
| 158 | 10.092 | 10.052 | 10.139 | HH | 842    | 28325  | 0.26% | 0.008% |
| 159 | 10.149 | 10.139 | 10.155 | HH | 439    | 4240   | 0.04% | 0.001% |
| 160 | 10.161 | 10.155 | 10.175 | HH | 466    | 4874   | 0.04% | 0.001% |
| 161 | 10.194 | 10.175 | 10.212 | HH | 997    | 14835  | 0.14% | 0.004% |
| 162 | 10.254 | 10.212 | 10.284 | HH | 1264   | 34146  | 0.31% | 0.010% |
| 163 | 10.306 | 10.284 | 10.332 | HH | 2428   | 40983  | 0.37% | 0.012% |
| 164 | 10.361 | 10.332 | 10.374 | HH | 1728   | 32026  | 0.29% | 0.009% |
| 165 | 10.391 | 10.374 | 10.415 | HH | 2250   | 37990  | 0.35% | 0.011% |
| 166 | 10.436 | 10.415 | 10.481 | HH | 1873   | 52109  | 0.48% | 0.015% |
| 167 | 10.504 | 10.481 | 10.537 | HH | 2232   | 48758  | 0.44% | 0.014% |
| 168 | 10.560 | 10.537 | 10.605 | HH | 3819   | 80418  | 0.73% | 0.023% |
| 169 | 10.656 | 10.605 | 10.691 | HH | 4353   | 112728 | 1.03% | 0.032% |
| 170 | 10.722 | 10.691 | 10.749 | HH | 4169   | 98789  | 0.90% | 0.028% |
| 171 | 10.758 | 10.749 | 10.784 | HH | 1985   | 36508  | 0.33% | 0.010% |
| 172 | 10.803 | 10.784 | 10.838 | HH | 2055   | 56789  | 0.52% | 0.016% |
| 173 | 10.849 | 10.838 | 10.860 | HH | 1268   | 16098  | 0.15% | 0.005% |
| 174 | 10.879 | 10.860 | 10.888 | HH | 1937   | 26297  | 0.24% | 0.007% |
| 175 | 10.913 | 10.888 | 10.955 | HH | 34803  | 398071 | 3.63% | 0.113% |
| 176 | 10.987 | 10.955 | 11.095 | HH | 11305  | 234787 | 2.14% | 0.066% |
| 177 | 11.113 | 11.095 | 11.140 | HH | 1472   | 37226  | 0.34% | 0.011% |
| 178 | 11.160 | 11.140 | 11.178 | HH | 1788   | 35954  | 0.33% | 0.010% |
| 179 | 11.197 | 11.178 | 11.242 | HH | 3699   | 77674  | 0.71% | 0.022% |
| 180 | 11.322 | 11.242 | 11.334 | HH | 1924   | 89062  | 0.81% | 0.025% |
| 181 | 11.361 | 11.334 | 11.388 | HH | 7947   | 123437 | 1.13% | 0.035% |
| 182 | 11.452 | 11.388 | 11.482 | HH | 4488   | 147103 | 1.34% | 0.042% |
| 183 | 11.513 | 11.482 | 11.534 | HH | 2500   | 62340  | 0.57% | 0.018% |
| 184 | 11.559 | 11.534 | 11.590 | HH | 3061   | 79633  | 0.73% | 0.023% |
| 185 | 11.605 | 11.590 | 11.628 | HH | 2543   | 49212  | 0.45% | 0.014% |
| 186 | 11.682 | 11.628 | 11.699 | HH | 6503   | 143532 | 1.31% | 0.041% |
| 187 | 11.717 | 11.699 | 11.732 | HH | 7511   | 99090  | 0.90% | 0.028% |
| 188 | 11.748 | 11.732 | 11.791 | HH | 8660   | 154902 | 1.41% | 0.044% |
| 189 | 11.833 | 11.791 | 11.851 | HH | 7847   | 174859 | 1.59% | 0.050% |
| 190 | 11.866 | 11.851 | 11.880 | HH | 6007   | 83004  | 0.76% | 0.023% |
| 191 | 11.896 | 11.880 | 11.925 | HH | 6989   | 117676 | 1.07% | 0.033% |
| 192 | 11.969 | 11.925 | 11.988 | HH | 3020   | 102301 | 0.93% | 0.029% |
| 193 | 12.032 | 11.988 | 12.052 | HH | 6193   | 157484 | 1.44% | 0.045% |
| 194 | 12.073 | 12.052 | 12.098 | HH | 5057   | 113833 | 1.04% | 0.032% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.128 | 12.098 | 12.165 | HH | 4020   | 139490  | 1.27%  | 0.039% |
| 196 | 12.189 | 12.165 | 12.228 | HH | 6280   | 159172  | 1.45%  | 0.045% |
| 197 | 12.249 | 12.228 | 12.256 | HH | 5704   | 80544   | 0.73%  | 0.023% |
| 198 | 12.277 | 12.256 | 12.313 | HH | 48293  | 653051  | 5.96%  | 0.185% |
| 199 | 12.321 | 12.313 | 12.348 | HH | 6735   | 126696  | 1.16%  | 0.036% |
| 200 | 12.367 | 12.348 | 12.382 | HH | 8326   | 131167  | 1.20%  | 0.037% |
| 201 | 12.394 | 12.382 | 12.424 | HH | 6905   | 148638  | 1.36%  | 0.042% |
| 202 | 12.441 | 12.424 | 12.475 | HH | 6127   | 162452  | 1.48%  | 0.046% |
| 203 | 12.524 | 12.475 | 12.544 | HH | 6623   | 238178  | 2.17%  | 0.067% |
| 204 | 12.564 | 12.544 | 12.584 | HH | 7619   | 142424  | 1.30%  | 0.040% |
| 205 | 12.615 | 12.584 | 12.640 | HH | 14229  | 293068  | 2.67%  | 0.083% |
| 206 | 12.674 | 12.640 | 12.701 | HH | 14206  | 305398  | 2.79%  | 0.086% |
| 207 | 12.736 | 12.701 | 12.788 | HH | 64750  | 915768  | 8.35%  | 0.259% |
| 208 | 12.803 | 12.788 | 12.823 | HH | 5571   | 108345  | 0.99%  | 0.031% |
| 209 | 12.841 | 12.823 | 12.853 | HH | 5544   | 98050   | 0.89%  | 0.028% |
| 210 | 12.871 | 12.853 | 12.885 | HH | 6416   | 111932  | 1.02%  | 0.032% |
| 211 | 12.927 | 12.885 | 12.963 | HH | 7826   | 303007  | 2.76%  | 0.086% |
| 212 | 12.978 | 12.963 | 13.008 | HH | 6381   | 156261  | 1.43%  | 0.044% |
| 213 | 13.036 | 13.008 | 13.059 | HH | 52321  | 683380  | 6.23%  | 0.193% |
| 214 | 13.120 | 13.059 | 13.144 | HH | 14279  | 499036  | 4.55%  | 0.141% |
| 215 | 13.163 | 13.144 | 13.188 | HH | 9184   | 197243  | 1.80%  | 0.056% |
| 216 | 13.229 | 13.188 | 13.261 | HH | 8416   | 316263  | 2.88%  | 0.090% |
| 217 | 13.302 | 13.261 | 13.338 | HH | 19198  | 527144  | 4.81%  | 0.149% |
| 218 | 13.355 | 13.338 | 13.418 | HH | 17417  | 588114  | 5.36%  | 0.167% |
| 219 | 13.432 | 13.418 | 13.447 | HH | 9539   | 158731  | 1.45%  | 0.045% |
| 220 | 13.459 | 13.447 | 13.474 | HH | 9373   | 143566  | 1.31%  | 0.041% |
| 221 | 13.515 | 13.474 | 13.564 | HH | 28156  | 756920  | 6.90%  | 0.214% |
| 222 | 13.624 | 13.564 | 13.659 | HH | 15802  | 619026  | 5.65%  | 0.175% |
| 223 | 13.692 | 13.659 | 13.706 | HH | 9320   | 252133  | 2.30%  | 0.071% |
| 224 | 13.741 | 13.706 | 13.760 | HH | 14197  | 384291  | 3.50%  | 0.109% |
| 225 | 13.772 | 13.760 | 13.798 | HH | 12821  | 243315  | 2.22%  | 0.069% |
| 226 | 13.821 | 13.798 | 13.844 | HH | 10895  | 278279  | 2.54%  | 0.079% |
| 227 | 13.876 | 13.844 | 13.927 | HH | 18907  | 645693  | 5.89%  | 0.183% |
| 228 | 13.943 | 13.927 | 13.977 | HH | 12529  | 326267  | 2.98%  | 0.092% |
| 229 | 14.002 | 13.977 | 14.048 | HH | 13586  | 476441  | 4.35%  | 0.135% |
| 230 | 14.077 | 14.048 | 14.141 | HH | 39237  | 917677  | 8.37%  | 0.260% |
| 231 | 14.166 | 14.141 | 14.192 | HH | 10783  | 319262  | 2.91%  | 0.090% |
| 232 | 14.211 | 14.192 | 14.220 | HH | 10814  | 181042  | 1.65%  | 0.051% |
| 233 | 14.254 | 14.220 | 14.278 | HH | 14754  | 440899  | 4.02%  | 0.125% |
| 234 | 14.293 | 14.278 | 14.307 | HH | 12825  | 221413  | 2.02%  | 0.063% |
| 235 | 14.359 | 14.307 | 14.413 | HH | 17458  | 901270  | 8.22%  | 0.255% |
| 236 | 14.440 | 14.413 | 14.462 | HH | 18796  | 454773  | 4.15%  | 0.129% |
| 237 | 14.482 | 14.462 | 14.507 | HH | 17388  | 418356  | 3.82%  | 0.118% |
| 238 | 14.555 | 14.507 | 14.584 | HH | 20729  | 770434  | 7.03%  | 0.218% |
| 239 | 14.605 | 14.584 | 14.626 | HH | 20040  | 413896  | 3.77%  | 0.117% |
| 240 | 14.662 | 14.626 | 14.688 | HH | 18577  | 581354  | 5.30%  | 0.165% |
| 241 | 14.777 | 14.688 | 14.821 | HH | 53078  | 1967247 | 17.94% | 0.557% |
| 242 | 14.835 | 14.821 | 14.851 | HH | 16394  | 287674  | 2.62%  | 0.081% |
| 243 | 14.909 | 14.851 | 14.936 | HH | 75679  | 1750096 | 15.96% | 0.495% |
| 244 | 14.957 | 14.936 | 15.035 | HH | 42952  | 1436890 | 13.11% | 0.407% |
| 245 | 15.078 | 15.035 | 15.098 | HH | 22643  | 724665  | 6.61%  | 0.205% |
| 246 | 15.117 | 15.098 | 15.130 | HH | 22793  | 396907  | 3.62%  | 0.112% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 15.146 | 15.130 | 15.154 | HH | 24993 | 339145  | 3.09%  | 0.096% |
| 248    | 15.171 | 15.154 | 15.200 | HH | 42637 | 806503  | 7.36%  | 0.228% |
| 249    | 15.218 | 15.200 | 15.243 | HH | 20592 | 509564  | 4.65%  | 0.144% |
| 250    | 15.264 | 15.243 | 15.311 | HH | 24582 | 824544  | 7.52%  | 0.233% |
|        |        |        |        |    |       |         |        |        |
| 251    | 15.358 | 15.311 | 15.406 | HH | 43217 | 1405813 | 12.82% | 0.398% |
| 252    | 15.420 | 15.406 | 15.446 | HH | 20997 | 489161  | 4.46%  | 0.138% |
| 253    | 15.502 | 15.446 | 15.534 | HH | 25253 | 1124653 | 10.26% | 0.318% |
| 254    | 15.585 | 15.534 | 15.612 | HH | 30183 | 1144563 | 10.44% | 0.324% |
| 255    | 15.629 | 15.612 | 15.656 | HH | 24039 | 583501  | 5.32%  | 0.165% |
|        |        |        |        |    |       |         |        |        |
| 256    | 15.677 | 15.656 | 15.703 | HH | 22780 | 638522  | 5.82%  | 0.181% |
| 257    | 15.756 | 15.703 | 15.785 | HH | 26102 | 1175807 | 10.72% | 0.333% |
| 258    | 15.828 | 15.785 | 15.855 | HH | 24814 | 988205  | 9.01%  | 0.280% |
| 259    | 15.876 | 15.855 | 15.898 | HH | 24002 | 617694  | 5.63%  | 0.175% |
| 260    | 15.921 | 15.898 | 15.937 | HH | 24758 | 567381  | 5.17%  | 0.161% |
|        |        |        |        |    |       |         |        |        |
| 261    | 15.948 | 15.937 | 15.971 | HH | 24716 | 499647  | 4.56%  | 0.141% |
| 262    | 16.005 | 15.971 | 16.048 | HH | 36314 | 1297228 | 11.83% | 0.367% |
| 263    | 16.063 | 16.048 | 16.077 | HH | 25428 | 442109  | 4.03%  | 0.125% |
| 264    | 16.123 | 16.077 | 16.150 | HH | 27864 | 1160804 | 10.59% | 0.329% |
| 265    | 16.195 | 16.150 | 16.242 | HH | 29275 | 1508831 | 13.76% | 0.427% |
|        |        |        |        |    |       |         |        |        |
| 266    | 16.260 | 16.242 | 16.275 | HH | 27972 | 542712  | 4.95%  | 0.154% |
| 267    | 16.304 | 16.275 | 16.330 | HH | 31255 | 970454  | 8.85%  | 0.275% |
| 268    | 16.373 | 16.330 | 16.426 | HH | 32989 | 1740322 | 15.87% | 0.493% |
| 269    | 16.478 | 16.426 | 16.537 | HH | 58590 | 2541147 | 23.18% | 0.719% |
| 270    | 16.562 | 16.537 | 16.576 | HH | 30981 | 705231  | 6.43%  | 0.200% |
|        |        |        |        |    |       |         |        |        |
| 271    | 16.606 | 16.576 | 16.628 | HH | 37227 | 1038927 | 9.48%  | 0.294% |
| 272    | 16.664 | 16.628 | 16.681 | HH | 32470 | 1021964 | 9.32%  | 0.289% |
| 273    | 16.730 | 16.681 | 16.747 | HH | 34961 | 1295088 | 11.81% | 0.367% |
| 274    | 16.796 | 16.747 | 16.825 | HH | 49023 | 1750621 | 15.97% | 0.496% |
| 275    | 16.855 | 16.825 | 16.895 | HH | 56896 | 1655736 | 15.10% | 0.469% |
|        |        |        |        |    |       |         |        |        |
| 276    | 16.955 | 16.895 | 16.980 | HH | 55723 | 2039851 | 18.60% | 0.578% |
| 277    | 17.005 | 16.980 | 17.034 | HH | 38535 | 1234649 | 11.26% | 0.350% |
| 278    | 17.106 | 17.034 | 17.118 | HH | 40666 | 1969201 | 17.96% | 0.558% |
| 279    | 17.137 | 17.118 | 17.151 | HH | 41363 | 810741  | 7.39%  | 0.230% |
| 280    | 17.168 | 17.151 | 17.181 | HH | 41544 | 740601  | 6.75%  | 0.210% |
|        |        |        |        |    |       |         |        |        |
| 281    | 17.224 | 17.181 | 17.254 | HH | 44001 | 1868687 | 17.04% | 0.529% |
| 282    | 17.269 | 17.254 | 17.290 | HH | 42540 | 906061  | 8.26%  | 0.257% |
| 283    | 17.316 | 17.290 | 17.335 | HH | 44810 | 1153002 | 10.52% | 0.326% |
| 284    | 17.405 | 17.335 | 17.428 | HH | 50379 | 2536149 | 23.13% | 0.718% |
| 285    | 17.443 | 17.428 | 17.467 | HH | 44461 | 1014804 | 9.26%  | 0.287% |
|        |        |        |        |    |       |         |        |        |
| 286    | 17.532 | 17.467 | 17.548 | HH | 46834 | 2151771 | 19.63% | 0.609% |
| 287    | 17.554 | 17.548 | 17.571 | HH | 45926 | 629248  | 5.74%  | 0.178% |
| 288    | 17.586 | 17.571 | 17.620 | HH | 45849 | 1333957 | 12.17% | 0.378% |
| 289    | 17.643 | 17.620 | 17.662 | HH | 47810 | 1175612 | 10.72% | 0.333% |
| 290    | 17.697 | 17.662 | 17.710 | HH | 48369 | 1376476 | 12.55% | 0.390% |
|        |        |        |        |    |       |         |        |        |
| 291    | 17.767 | 17.710 | 17.778 | HH | 51321 | 2025580 | 18.47% | 0.573% |
| 292    | 17.843 | 17.778 | 17.871 | HH | 71835 | 3232194 | 29.48% | 0.915% |
| 293    | 17.904 | 17.871 | 17.917 | HH | 57666 | 1557262 | 14.20% | 0.441% |
| 294    | 17.948 | 17.917 | 17.962 | HH | 60594 | 1560812 | 14.24% | 0.442% |
| 295    | 18.001 | 17.962 | 18.058 | HH | 64813 | 3530007 | 32.20% | 0.999% |
|        |        |        |        |    |       |         |        |        |
| 296    | 18.078 | 18.058 | 18.105 | HH | 59389 | 1642002 | 14.98% | 0.465% |
| 297    | 18.132 | 18.105 | 18.148 | HH | 62569 | 1587178 | 14.48% | 0.449% |
| 298    | 18.198 | 18.148 | 18.208 | HH | 70993 | 2355476 | 21.48% | 0.667% |
| 299    | 18.224 | 18.208 | 18.243 | HH | 76854 | 1445856 | 13.19% | 0.409% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.266 | 18.243 | 18.295 | HH | 73853  | 2117896 | 19.32% | 0.600% |
| 301 | 18.363 | 18.295 | 18.376 | HH | 72905  | 3202691 | 29.21% | 0.907% |
| 302 | 18.386 | 18.376 | 18.435 | HH | 70283  | 2396954 | 21.86% | 0.679% |
| 303 | 18.443 | 18.435 | 18.453 | HH | 67142  | 748852  | 6.83%  | 0.212% |
| 304 | 18.478 | 18.453 | 18.501 | HH | 83581  | 2126643 | 19.40% | 0.602% |
| 305 | 18.535 | 18.501 | 18.543 | HH | 71232  | 1754864 | 16.01% | 0.497% |
| 306 | 18.564 | 18.543 | 18.577 | HH | 72318  | 1440473 | 13.14% | 0.408% |
| 307 | 18.589 | 18.577 | 18.593 | HH | 72888  | 720378  | 6.57%  | 0.204% |
| 308 | 18.611 | 18.593 | 18.632 | HH | 75808  | 1742912 | 15.90% | 0.493% |
| 309 | 18.675 | 18.632 | 18.716 | HH | 91484  | 4003185 | 36.51% | 1.133% |
| 310 | 18.730 | 18.716 | 18.741 | HH | 79338  | 1153949 | 10.52% | 0.327% |
| 311 | 18.750 | 18.741 | 18.763 | HH | 78116  | 1029167 | 9.39%  | 0.291% |
| 312 | 18.794 | 18.763 | 18.810 | HH | 84710  | 2252060 | 20.54% | 0.638% |
| 313 | 18.841 | 18.810 | 18.876 | HH | 84130  | 3271419 | 29.84% | 0.926% |
| 314 | 18.895 | 18.876 | 18.925 | HH | 83013  | 2410999 | 21.99% | 0.683% |
| 315 | 18.969 | 18.925 | 18.980 | HH | 84862  | 2750054 | 25.08% | 0.779% |
| 316 | 19.025 | 18.980 | 19.051 | HH | 93332  | 3775692 | 34.44% | 1.069% |
| 317 | 19.074 | 19.051 | 19.107 | HH | 95351  | 3042127 | 27.75% | 0.861% |
| 318 | 19.125 | 19.107 | 19.148 | HH | 92931  | 2257178 | 20.59% | 0.639% |
| 319 | 19.192 | 19.148 | 19.209 | HH | 95867  | 3426646 | 31.25% | 0.970% |
| 320 | 19.274 | 19.209 | 19.304 | HH | 97517  | 5362747 | 48.91% | 1.518% |
| 321 | 19.313 | 19.304 | 19.319 | HH | 95986  | 877802  | 8.01%  | 0.249% |
| 322 | 19.342 | 19.319 | 19.357 | HH | 99398  | 2244298 | 20.47% | 0.635% |
| 323 | 19.369 | 19.357 | 19.413 | HH | 100287 | 3257582 | 29.71% | 0.922% |
| 324 | 19.420 | 19.413 | 19.429 | HH | 96564  | 950905  | 8.67%  | 0.269% |
| 325 | 19.461 | 19.429 | 19.485 | HH | 114468 | 3526583 | 32.16% | 0.998% |
| 326 | 19.503 | 19.485 | 19.518 | HH | 107031 | 2040498 | 18.61% | 0.578% |
| 327 | 19.531 | 19.518 | 19.548 | HH | 107744 | 1878544 | 17.13% | 0.532% |
| 328 | 19.578 | 19.548 | 19.602 | HH | 108309 | 3474827 | 31.69% | 0.984% |
| 329 | 19.641 | 19.602 | 19.662 | HH | 117909 | 4009956 | 36.57% | 1.135% |
| 330 | 19.705 | 19.662 | 19.721 | HH | 119077 | 4111300 | 37.50% | 1.164% |
| 331 | 19.739 | 19.721 | 19.748 | HH | 116648 | 1840884 | 16.79% | 0.521% |
| 332 | 19.766 | 19.748 | 19.786 | HH | 118025 | 2646923 | 24.14% | 0.749% |
| 333 | 19.793 | 19.786 | 19.811 | HH | 116915 | 1757492 | 16.03% | 0.498% |
| 334 | 19.837 | 19.811 | 19.856 | HH | 123472 | 3216585 | 29.34% | 0.911% |
| 335 | 19.892 | 19.856 | 19.901 | HH | 121156 | 3179927 | 29.00% | 0.900% |
| 336 | 19.922 | 19.901 | 19.938 | HH | 124355 | 2663307 | 24.29% | 0.754% |
| 337 | 20.014 | 19.938 | 20.041 | HH | 135979 | 7941669 | 72.43% | 2.248% |
| 338 | 20.060 | 20.041 | 20.110 | HH | 132616 | 5410512 | 49.35% | 1.532% |
| 339 | 20.122 | 20.110 | 20.135 | HH | 129907 | 1966060 | 17.93% | 0.557% |
| 340 | 20.154 | 20.135 | 20.166 | HH | 135120 | 2467236 | 22.50% | 0.699% |
| 341 | 20.201 | 20.166 | 20.229 | HH | 147073 | 5223107 | 47.64% | 1.479% |
| 342 | 20.244 | 20.229 | 20.265 | HH | 138815 | 2960226 | 27.00% | 0.838% |
| 343 | 20.279 | 20.265 | 20.289 | HH | 142357 | 2041560 | 18.62% | 0.578% |
| 344 | 20.299 | 20.289 | 20.334 | HH | 142225 | 3797156 | 34.63% | 1.075% |
| 345 | 20.389 | 20.334 | 20.401 | HH | 143335 | 5674016 | 51.75% | 1.606% |
| 346 | 20.416 | 20.401 | 20.465 | HH | 146464 | 5451729 | 49.72% | 1.543% |
| 347 | 20.479 | 20.465 | 20.493 | HH | 146129 | 2497811 | 22.78% | 0.707% |
| 348 | 20.513 | 20.493 | 20.523 | HH | 152251 | 2629831 | 23.99% | 0.745% |
| 349 | 20.555 | 20.523 | 20.633 | HH | 155082 | 9429008 | 86.00% | 2.669% |
| 350 | 20.689 | 20.633 | 20.702 | HH | 142375 | 5712141 | 52.10% | 1.617% |
| 351 | 20.712 | 20.702 | 20.726 | HH | 140411 | 2000905 | 18.25% | 0.566% |

|     |        |        |        |     |        |          |         |        |
|-----|--------|--------|--------|-----|--------|----------|---------|--------|
|     |        |        |        |     |        | rters    |         |        |
| 352 | 20.740 | 20.726 | 20.751 | HH  | 141339 | 2079846  | 18.97%  | 0.589% |
| 353 | 20.765 | 20.751 | 20.790 | HH  | 141376 | 3226765  | 29.43%  | 0.914% |
| 354 | 20.804 | 20.790 | 20.921 | HH  | 141319 | 10695884 | 97.55%  | 3.028% |
| 355 | 20.964 | 20.921 | 20.998 | HH  | 140313 | 6279243  | 57.27%  | 1.778% |
| 356 | 21.049 | 20.998 | 21.136 | HH  | 137252 | 10964411 | 100.00% | 3.104% |
| 357 | 21.151 | 21.136 | 21.180 | HH  | 131361 | 3439540  | 31.37%  | 0.974% |
| 358 | 21.191 | 21.180 | 21.200 | HH  | 133629 | 1588374  | 14.49%  | 0.450% |
| 359 | 21.210 | 21.200 | 21.251 | HH  | 133107 | 3971092  | 36.22%  | 1.124% |
| 360 | 21.262 | 21.251 | 21.290 | HH  | 133499 | 3060256  | 27.91%  | 0.866% |
| 361 | 21.304 | 21.290 | 21.332 | HH  | 132403 | 3292160  | 30.03%  | 0.932% |
| 362 | 21.345 | 21.332 | 21.361 | HH  | 132367 | 2335987  | 21.31%  | 0.661% |
| 363 | 21.367 | 21.361 | 21.390 | HH  | 132811 | 2245936  | 20.48%  | 0.636% |
| 364 | 21.402 | 21.390 | 21.480 | HH  | 132210 | 6863177  | 62.60%  | 1.943% |
| 365 | 21.488 | 21.480 | 21.494 | HH  | 123954 | 1069969  | 9.76%   | 0.303% |
| 366 | 21.504 | 21.494 | 21.527 | HH  | 124958 | 2452572  | 22.37%  | 0.694% |
| 367 | 21.550 | 21.527 | 21.588 | HH  | 125606 | 4512089  | 41.15%  | 1.277% |
| 368 | 21.599 | 21.588 | 21.608 | HH  | 123008 | 1497813  | 13.66%  | 0.424% |
| 369 | 21.619 | 21.608 | 21.633 | HH  | 123470 | 1805766  | 16.47%  | 0.511% |
| 370 | 21.655 | 21.633 | 21.664 | HH  | 123318 | 2254215  | 20.56%  | 0.638% |
| 371 | 21.674 | 21.664 | 21.683 | HH  | 123963 | 1425572  | 13.00%  | 0.404% |
| 372 | 21.727 | 21.683 | 21.770 | HH  | 129440 | 6634889  | 60.51%  | 1.878% |
| 373 | 21.781 | 21.770 | 21.852 | HH  | 125478 | 5994781  | 54.67%  | 1.697% |
| 374 | 21.938 | 21.852 | 21.952 | HH  | 132838 | 7610773  | 69.41%  | 2.155% |
| 375 | 21.962 | 21.952 | 22.001 | HHA | 130895 | 3829679  | 34.93%  | 1.084% |

Sum of corrected areas: 353216747

FG040521.M Wed Apr 14 09:12:43 2021