

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG071219\  
 Data File : FG005419.D  
 Signal(s) : FID1A.ch  
 Acq On : 12 Jul 2019 11:24  
 Sample : K3740-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG070819.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         | 2.355       | 2.335        | 2.398      | BH       | 950            | -23839       | -0.07%         | -0.002%       |
| 2         | 2.405       | 2.398        | 2.412      | PH       | -1179          | -9553        | -0.03%         | -0.001%       |
| 3         | 2.426       | 2.412        | 2.462      | PH       | -1162          | -36551       | -0.10%         | -0.003%       |
| 4         | 2.466       | 2.462        | 2.472      | PH       | -1218          | -7947        | -0.02%         | -0.001%       |
| 5         | 2.512       | 2.472        | 2.524      | PH       | -979           | -34842       | -0.10%         | -0.003%       |
| 6         | 2.540       | 2.524        | 2.565      | PH       | -81            | -15841       | -0.04%         | -0.001%       |
| 7         | 2.585       | 2.565        | 2.613      | PH       | 5728           | 31894        | 0.09%          | 0.003%        |
| 8         | 2.649       | 2.613        | 2.674      | PH       | 618            | -10257       | -0.03%         | -0.001%       |
| 9         | 2.689       | 2.674        | 2.704      | PH       | -140           | -11654       | -0.03%         | -0.001%       |
| 10        | 2.716       | 2.704        | 2.752      | PH       | -598           | -24100       | -0.07%         | -0.002%       |
| 11        | 2.758       | 2.752        | 2.777      | PH       | -988           | -16379       | -0.05%         | -0.001%       |
| 12        | 2.788       | 2.777        | 2.798      | PH       | -1049          | -13869       | -0.04%         | -0.001%       |
| 13        | 2.822       | 2.798        | 2.878      | PH       | 1937           | -26518       | -0.07%         | -0.002%       |
| 14        | 2.914       | 2.878        | 2.968      | PH       | 4822           | 19276        | 0.05%          | 0.002%        |
| 15        | 2.984       | 2.968        | 2.997      | PH       | -554           | -14186       | -0.04%         | -0.001%       |
| 16        | 3.013       | 2.997        | 3.034      | PH       | -362           | -13890       | -0.04%         | -0.001%       |
| 17        | 3.044       | 3.034        | 3.058      | PH       | -745           | -12273       | -0.03%         | -0.001%       |
| 18        | 3.096       | 3.058        | 3.123      | PH       | 1044           | -2672        | -0.01%         | -0.000%       |
| 19        | 3.142       | 3.123        | 3.158      | PH       | 3119           | 18278        | 0.05%          | 0.001%        |
| 20        | 3.173       | 3.158        | 3.192      | PH       | 552            | -164         | -0.00%         | -0.000%       |
| 21        | 3.211       | 3.192        | 3.258      | PH       | -164           | -19599       | -0.05%         | -0.002%       |
| 22        | 3.276       | 3.258        | 3.308      | PH       | 1021           | -6796        | -0.02%         | -0.001%       |
| 23        | 3.316       | 3.308        | 3.328      | PH       | -607           | -8568        | -0.02%         | -0.001%       |
| 24        | 3.345       | 3.328        | 3.362      | PH       | -584           | -14504       | -0.04%         | -0.001%       |
| 25        | 3.390       | 3.362        | 3.462      | PH       | 1482           | -29949       | -0.08%         | -0.002%       |
| 26        | 3.496       | 3.462        | 3.509      | PH       | -500           | -20480       | -0.06%         | -0.002%       |
| 27        | 3.519       | 3.509        | 3.535      | PH       | -500           | -10328       | -0.03%         | -0.001%       |
| 28        | 3.543       | 3.535        | 3.565      | PH       | -688           | -13924       | -0.04%         | -0.001%       |
| 29        | 3.591       | 3.565        | 3.625      | PH       | -343           | -24491       | -0.07%         | -0.002%       |
| 30        | 3.683       | 3.625        | 3.716      | PH       | 472            | -15542       | -0.04%         | -0.001%       |
| 31        | 3.723       | 3.716        | 3.748      | PH       | -454           | -12460       | -0.03%         | -0.001%       |
| 32        | 3.769       | 3.748        | 3.795      | PH       | 561            | -6049        | -0.02%         | -0.000%       |
| 33        | 3.809       | 3.795        | 3.823      | PH       | 89             | -4331        | -0.01%         | -0.000%       |
| 34        | 3.841       | 3.823        | 3.857      | PH       | -68            | -7491        | -0.02%         | -0.001%       |
| 35        | 3.867       | 3.857        | 3.877      | PH       | -438           | -6506        | -0.02%         | -0.001%       |
| 36        | 3.895       | 3.877        | 3.930      | PH       | 2002           | 12328        | 0.03%          | 0.001%        |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 3.943 | 3.930 | 3.959 | PH | -173   | -8663  | -0.02% | -0.001% |
| 38 | 3.980 | 3.959 | 4.033 | PH | 1735   | -6633  | -0.02% | -0.001% |
| 39 | 4.066 | 4.033 | 4.104 | PH | 13212  | 120540 | 0.34%  | 0.010%  |
| 40 | 4.115 | 4.104 | 4.139 | HH | 944    | 8811   | 0.02%  | 0.001%  |
| 41 | 4.163 | 4.139 | 4.194 | PH | 513    | -1236  | -0.00% | -0.000% |
| 42 | 4.238 | 4.194 | 4.256 | PH | 5221   | 44925  | 0.13%  | 0.004%  |
| 43 | 4.267 | 4.256 | 4.298 | HH | 1121   | 10703  | 0.03%  | 0.001%  |
| 44 | 4.305 | 4.298 | 4.322 | PH | -159   | -2867  | -0.01% | -0.000% |
| 45 | 4.335 | 4.322 | 4.364 | PH | 106    | -6864  | -0.02% | -0.001% |
| 46 | 4.408 | 4.364 | 4.419 | PH | 1      | -11176 | -0.03% | -0.001% |
| 47 | 4.428 | 4.419 | 4.447 | PH | -64    | -3400  | -0.01% | -0.000% |
| 48 | 4.471 | 4.447 | 4.493 | PH | 2966   | 20085  | 0.06%  | 0.002%  |
| 49 | 4.519 | 4.493 | 4.535 | PH | 1280   | 5801   | 0.02%  | 0.000%  |
| 50 | 4.547 | 4.535 | 4.562 | PH | 208    | 745    | 0.00%  | 0.000%  |
| 51 | 4.579 | 4.562 | 4.600 | PH | 1132   | 7502   | 0.02%  | 0.001%  |
| 52 | 4.623 | 4.600 | 4.658 | PH | 2681   | 21715  | 0.06%  | 0.002%  |
| 53 | 4.696 | 4.658 | 4.713 | PH | 1846   | 21035  | 0.06%  | 0.002%  |
| 54 | 4.727 | 4.713 | 4.743 | HH | 1148   | 9461   | 0.03%  | 0.001%  |
| 55 | 4.759 | 4.743 | 4.772 | PH | 595    | 5202   | 0.01%  | 0.000%  |
| 56 | 4.782 | 4.772 | 4.795 | HH | 342    | 3128   | 0.01%  | 0.000%  |
| 57 | 4.819 | 4.795 | 4.840 | HH | 1497   | 27255  | 0.08%  | 0.002%  |
| 58 | 4.855 | 4.840 | 4.875 | HH | 2029   | 23462  | 0.07%  | 0.002%  |
| 59 | 4.895 | 4.875 | 4.918 | PH | 1075   | 11764  | 0.03%  | 0.001%  |
| 60 | 4.931 | 4.918 | 4.942 | PH | 658    | 4595   | 0.01%  | 0.000%  |
| 61 | 4.954 | 4.942 | 4.982 | HH | 554    | 2581   | 0.01%  | 0.000%  |
| 62 | 5.042 | 4.982 | 5.060 | PH | 219    | -1108  | -0.00% | -0.000% |
| 63 | 5.079 | 5.060 | 5.095 | PH | 163    | -779   | -0.00% | -0.000% |
| 64 | 5.117 | 5.095 | 5.144 | PH | 1014   | 11327  | 0.03%  | 0.001%  |
| 65 | 5.155 | 5.144 | 5.162 | HH | 372    | 2646   | 0.01%  | 0.000%  |
| 66 | 5.172 | 5.162 | 5.184 | HH | 582    | 3795   | 0.01%  | 0.000%  |
| 67 | 5.199 | 5.184 | 5.209 | PH | 1434   | 11417  | 0.03%  | 0.001%  |
| 68 | 5.218 | 5.209 | 5.239 | HH | 1038   | 8129   | 0.02%  | 0.001%  |
| 69 | 5.251 | 5.239 | 5.269 | PH | 35     | -3253  | -0.01% | -0.000% |
| 70 | 5.334 | 5.269 | 5.362 | PH | 1922   | 8722   | 0.02%  | 0.001%  |
| 71 | 5.395 | 5.362 | 5.426 | PH | 445    | 4140   | 0.01%  | 0.000%  |
| 72 | 5.443 | 5.426 | 5.452 | PH | -83    | -2805  | -0.01% | -0.000% |
| 73 | 5.470 | 5.452 | 5.492 | PH | 716    | 3326   | 0.01%  | 0.000%  |
| 74 | 5.516 | 5.492 | 5.538 | PH | 4268   | 42686  | 0.12%  | 0.003%  |
| 75 | 5.553 | 5.538 | 5.566 | HH | 1168   | 11526  | 0.03%  | 0.001%  |
| 76 | 5.578 | 5.566 | 5.618 | HH | 1279   | 9438   | 0.03%  | 0.001%  |
| 77 | 5.632 | 5.618 | 5.665 | PH | 472    | 1592   | 0.00%  | 0.000%  |
| 78 | 5.708 | 5.665 | 5.725 | PH | 1347   | 14085  | 0.04%  | 0.001%  |
| 79 | 5.735 | 5.725 | 5.745 | HH | 397    | 2808   | 0.01%  | 0.000%  |
| 80 | 5.757 | 5.745 | 5.772 | HH | 349    | 3639   | 0.01%  | 0.000%  |
| 81 | 5.820 | 5.772 | 5.843 | HH | 1431   | 37564  | 0.10%  | 0.003%  |
| 82 | 5.859 | 5.843 | 5.877 | HH | 903    | 9535   | 0.03%  | 0.001%  |
| 83 | 5.897 | 5.877 | 5.912 | PH | 788    | 10876  | 0.03%  | 0.001%  |
| 84 | 5.928 | 5.912 | 5.953 | HH | 849    | 15895  | 0.04%  | 0.001%  |
| 85 | 5.973 | 5.953 | 5.995 | HH | 780    | 10568  | 0.03%  | 0.001%  |
| 86 | 6.030 | 5.995 | 6.047 | HH | 1146   | 22586  | 0.06%  | 0.002%  |
| 87 | 6.076 | 6.047 | 6.109 | HH | 14770  | 166070 | 0.46%  | 0.013%  |
| 88 | 6.129 | 6.109 | 6.147 | HH | 1981   | 28891  | 0.08%  | 0.002%  |
| 89 | 6.159 | 6.147 | 6.189 | HH | 954    | 15467  | 0.04%  | 0.001%  |

|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
|     |       |       |       |    | rteres |         |       |        |
| 90  | 6.213 | 6.189 | 6.239 | HH | 2203   | 34515   | 0.10% | 0.003% |
| 91  | 6.254 | 6.239 | 6.275 | HH | 601    | 11327   | 0.03% | 0.001% |
| 92  | 6.290 | 6.275 | 6.307 | HH | 852    | 12226   | 0.03% | 0.001% |
| 93  | 6.347 | 6.307 | 6.405 | HH | 2745   | 67010   | 0.19% | 0.005% |
| 94  | 6.428 | 6.405 | 6.449 | HH | 1193   | 24312   | 0.07% | 0.002% |
| 95  | 6.461 | 6.449 | 6.475 | HH | 1259   | 15859   | 0.04% | 0.001% |
| 96  | 6.501 | 6.475 | 6.568 | HH | 5019   | 86905   | 0.24% | 0.007% |
| 97  | 6.649 | 6.568 | 6.677 | HH | 2620   | 79033   | 0.22% | 0.006% |
| 98  | 6.703 | 6.677 | 6.738 | HH | 1416   | 34488   | 0.10% | 0.003% |
| 99  | 6.752 | 6.738 | 6.763 | HH | 668    | 8990    | 0.03% | 0.001% |
| 100 | 6.785 | 6.763 | 6.804 | HH | 1116   | 20607   | 0.06% | 0.002% |
| 101 | 6.830 | 6.804 | 6.861 | HH | 1785   | 39581   | 0.11% | 0.003% |
| 102 | 6.912 | 6.861 | 6.932 | HH | 1905   | 50350   | 0.14% | 0.004% |
| 103 | 6.977 | 6.932 | 6.995 | HH | 2755   | 68157   | 0.19% | 0.005% |
| 104 | 7.022 | 6.995 | 7.052 | HH | 3610   | 102727  | 0.29% | 0.008% |
| 105 | 7.066 | 7.052 | 7.092 | HH | 2825   | 57568   | 0.16% | 0.005% |
| 106 | 7.137 | 7.092 | 7.187 | HH | 10202  | 217294  | 0.61% | 0.017% |
| 107 | 7.206 | 7.187 | 7.251 | HH | 3989   | 100152  | 0.28% | 0.008% |
| 108 | 7.273 | 7.251 | 7.292 | HH | 8110   | 104064  | 0.29% | 0.008% |
| 109 | 7.302 | 7.292 | 7.378 | HH | 2876   | 109175  | 0.30% | 0.009% |
| 110 | 7.429 | 7.378 | 7.466 | HH | 7466   | 172732  | 0.48% | 0.014% |
| 111 | 7.482 | 7.466 | 7.495 | HH | 2295   | 36890   | 0.10% | 0.003% |
| 112 | 7.519 | 7.495 | 7.537 | HH | 2555   | 58076   | 0.16% | 0.005% |
| 113 | 7.549 | 7.537 | 7.577 | HH | 2406   | 54006   | 0.15% | 0.004% |
| 114 | 7.608 | 7.577 | 7.627 | HH | 3239   | 78869   | 0.22% | 0.006% |
| 115 | 7.645 | 7.627 | 7.682 | HH | 3460   | 84623   | 0.24% | 0.007% |
| 116 | 7.691 | 7.682 | 7.701 | HH | 2071   | 22608   | 0.06% | 0.002% |
| 117 | 7.725 | 7.701 | 7.750 | HH | 2825   | 72582   | 0.20% | 0.006% |
| 118 | 7.773 | 7.750 | 7.812 | HH | 2666   | 85145   | 0.24% | 0.007% |
| 119 | 7.864 | 7.812 | 7.900 | HH | 5317   | 183415  | 0.51% | 0.014% |
| 120 | 7.912 | 7.900 | 7.934 | HH | 3506   | 61774   | 0.17% | 0.005% |
| 121 | 7.953 | 7.934 | 7.964 | HH | 2958   | 49932   | 0.14% | 0.004% |
| 122 | 7.997 | 7.964 | 8.009 | HH | 4190   | 90896   | 0.25% | 0.007% |
| 123 | 8.022 | 8.009 | 8.034 | HH | 4408   | 61538   | 0.17% | 0.005% |
| 124 | 8.050 | 8.034 | 8.099 | HH | 4607   | 137966  | 0.38% | 0.011% |
| 125 | 8.123 | 8.099 | 8.172 | HH | 8143   | 213095  | 0.59% | 0.017% |
| 126 | 8.197 | 8.172 | 8.219 | HH | 4669   | 110042  | 0.31% | 0.009% |
| 127 | 8.239 | 8.219 | 8.254 | HH | 9708   | 133618  | 0.37% | 0.011% |
| 128 | 8.268 | 8.254 | 8.282 | HH | 8240   | 106463  | 0.30% | 0.008% |
| 129 | 8.302 | 8.282 | 8.338 | HH | 11018  | 212911  | 0.59% | 0.017% |
| 130 | 8.369 | 8.338 | 8.403 | HH | 105531 | 1167163 | 3.25% | 0.092% |
| 131 | 8.427 | 8.403 | 8.458 | HH | 20798  | 339904  | 0.95% | 0.027% |
| 132 | 8.475 | 8.458 | 8.500 | HH | 6292   | 125016  | 0.35% | 0.010% |
| 133 | 8.515 | 8.500 | 8.526 | HH | 4828   | 67892   | 0.19% | 0.005% |
| 134 | 8.532 | 8.526 | 8.549 | HH | 4604   | 58562   | 0.16% | 0.005% |
| 135 | 8.558 | 8.549 | 8.569 | HH | 4026   | 48198   | 0.13% | 0.004% |
| 136 | 8.585 | 8.569 | 8.618 | HH | 3781   | 105192  | 0.29% | 0.008% |
| 137 | 8.673 | 8.618 | 8.691 | HH | 5494   | 174876  | 0.49% | 0.014% |
| 138 | 8.723 | 8.691 | 8.747 | HH | 30519  | 419056  | 1.17% | 0.033% |
| 139 | 8.770 | 8.747 | 8.822 | HH | 8122   | 259450  | 0.72% | 0.020% |
| 140 | 8.840 | 8.822 | 8.865 | HH | 9120   | 166300  | 0.46% | 0.013% |
| 141 | 8.887 | 8.865 | 8.905 | HH | 5197   | 113385  | 0.32% | 0.009% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 8.957  | 8.905  | 8.978  | HH | 9671   | 292572  | 0.82%  | 0.023% |
| 143    | 8.996  | 8.978  | 9.017  | HH | 14558  | 208534  | 0.58%  | 0.016% |
| 144    | 9.036  | 9.017  | 9.071  | HH | 6871   | 187573  | 0.52%  | 0.015% |
| 145    | 9.085  | 9.071  | 9.100  | HH | 5517   | 88702   | 0.25%  | 0.007% |
| 146    | 9.130  | 9.100  | 9.150  | HH | 14498  | 246325  | 0.69%  | 0.019% |
| 147    | 9.171  | 9.150  | 9.204  | HH | 9175   | 206347  | 0.58%  | 0.016% |
| 148    | 9.228  | 9.204  | 9.245  | HH | 4881   | 117432  | 0.33%  | 0.009% |
| 149    | 9.288  | 9.245  | 9.306  | HH | 8655   | 241568  | 0.67%  | 0.019% |
| 150    | 9.321  | 9.306  | 9.343  | HH | 7711   | 134756  | 0.38%  | 0.011% |
| 151    | 9.374  | 9.343  | 9.389  | HH | 6085   | 150404  | 0.42%  | 0.012% |
| 152    | 9.425  | 9.389  | 9.443  | HH | 8331   | 210763  | 0.59%  | 0.017% |
| 153    | 9.461  | 9.443  | 9.485  | HH | 8257   | 172774  | 0.48%  | 0.014% |
| 154    | 9.510  | 9.485  | 9.562  | HH | 28270  | 526445  | 1.47%  | 0.042% |
| 155    | 9.591  | 9.562  | 9.617  | HH | 11262  | 274333  | 0.76%  | 0.022% |
| 156    | 9.631  | 9.617  | 9.643  | HH | 8892   | 123230  | 0.34%  | 0.010% |
| 157    | 9.662  | 9.643  | 9.702  | HH | 13455  | 323483  | 0.90%  | 0.026% |
| 158    | 9.724  | 9.702  | 9.760  | HH | 10536  | 274275  | 0.76%  | 0.022% |
| 159    | 9.775  | 9.760  | 9.807  | HH | 7257   | 187086  | 0.52%  | 0.015% |
| 160    | 9.832  | 9.807  | 9.890  | HH | 12785  | 416376  | 1.16%  | 0.033% |
| 161    | 9.911  | 9.890  | 9.922  | HH | 14334  | 208184  | 0.58%  | 0.016% |
| 162    | 9.933  | 9.922  | 9.981  | HH | 13771  | 341916  | 0.95%  | 0.027% |
| 163    | 9.998  | 9.981  | 10.015 | HH | 7820   | 146905  | 0.41%  | 0.012% |
| 164    | 10.025 | 10.015 | 10.054 | HH | 7495   | 158468  | 0.44%  | 0.012% |
| 165    | 10.094 | 10.054 | 10.153 | HH | 7489   | 395741  | 1.10%  | 0.031% |
| 166    | 10.192 | 10.153 | 10.202 | HH | 6912   | 189938  | 0.53%  | 0.015% |
| 167    | 10.219 | 10.202 | 10.232 | HH | 6966   | 122747  | 0.34%  | 0.010% |
| 168    | 10.256 | 10.232 | 10.280 | HH | 9062   | 229602  | 0.64%  | 0.018% |
| 169    | 10.304 | 10.280 | 10.327 | HH | 11275  | 260700  | 0.73%  | 0.021% |
| 170    | 10.367 | 10.327 | 10.379 | HH | 11829  | 296000  | 0.83%  | 0.023% |
| 171    | 10.396 | 10.379 | 10.419 | HH | 15972  | 288987  | 0.81%  | 0.023% |
| 172    | 10.439 | 10.419 | 10.475 | HH | 14838  | 356695  | 0.99%  | 0.028% |
| 173    | 10.511 | 10.475 | 10.546 | HH | 15013  | 475402  | 1.33%  | 0.037% |
| 174    | 10.569 | 10.546 | 10.608 | HH | 26717  | 583923  | 1.63%  | 0.046% |
| 175    | 10.657 | 10.608 | 10.698 | HH | 31770  | 937052  | 2.61%  | 0.074% |
| 176    | 10.723 | 10.698 | 10.772 | HH | 30593  | 840400  | 2.34%  | 0.066% |
| 177    | 10.785 | 10.772 | 10.803 | HH | 13707  | 237739  | 0.66%  | 0.019% |
| 178    | 10.821 | 10.803 | 10.840 | HH | 16268  | 297948  | 0.83%  | 0.024% |
| 179    | 10.858 | 10.840 | 10.868 | HH | 11823  | 195125  | 0.54%  | 0.015% |
| 180    | 10.924 | 10.868 | 10.969 | HH | 338933 | 4150927 | 11.57% | 0.327% |
| 181    | 10.997 | 10.969 | 11.065 | HH | 93521  | 1603056 | 4.47%  | 0.126% |
| 182    | 11.093 | 11.065 | 11.119 | HH | 12836  | 404471  | 1.13%  | 0.032% |
| 183    | 11.133 | 11.119 | 11.149 | HH | 12465  | 214318  | 0.60%  | 0.017% |
| 184    | 11.170 | 11.149 | 11.188 | HH | 17947  | 340476  | 0.95%  | 0.027% |
| 185    | 11.211 | 11.188 | 11.252 | HH | 47622  | 867612  | 2.42%  | 0.068% |
| 186    | 11.285 | 11.252 | 11.298 | HH | 14272  | 367851  | 1.03%  | 0.029% |
| 187    | 11.319 | 11.298 | 11.337 | HH | 16570  | 349142  | 0.97%  | 0.028% |
| 188    | 11.358 | 11.337 | 11.379 | HH | 21949  | 442216  | 1.23%  | 0.035% |
| 189    | 11.451 | 11.379 | 11.473 | HH | 28103  | 1039299 | 2.90%  | 0.082% |
| 190    | 11.485 | 11.473 | 11.502 | HH | 17186  | 278998  | 0.78%  | 0.022% |
| 191    | 11.521 | 11.502 | 11.541 | HH | 19114  | 393091  | 1.10%  | 0.031% |
| 192    | 11.577 | 11.541 | 11.595 | HH | 19534  | 547195  | 1.53%  | 0.043% |
| 193    | 11.617 | 11.595 | 11.637 | HH | 19218  | 436418  | 1.22%  | 0.034% |
| 194    | 11.651 | 11.637 | 11.662 | HH | 16342  | 244726  | 0.68%  | 0.019% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 11.678 | 11.662 | 11.696 | HH | 17141  | 332166  | 0.93%  | 0.026% |
| 196 | 11.728 | 11.696 | 11.743 | HH | 57720  | 905909  | 2.53%  | 0.071% |
| 197 | 11.759 | 11.743 | 11.797 | HH | 73604  | 1162396 | 3.24%  | 0.092% |
| 198 | 11.845 | 11.797 | 11.863 | HH | 77564  | 1540821 | 4.29%  | 0.122% |
| 199 | 11.878 | 11.863 | 11.892 | HH | 46707  | 635674  | 1.77%  | 0.050% |
| 200 | 11.908 | 11.892 | 11.937 | HH | 57092  | 913909  | 2.55%  | 0.072% |
| 201 | 11.954 | 11.937 | 11.966 | HH | 19657  | 325794  | 0.91%  | 0.026% |
| 202 | 11.991 | 11.966 | 12.009 | HH | 24086  | 547292  | 1.53%  | 0.043% |
| 203 | 12.032 | 12.009 | 12.070 | HH | 26122  | 810816  | 2.26%  | 0.064% |
| 204 | 12.092 | 12.070 | 12.113 | HH | 47631  | 814135  | 2.27%  | 0.064% |
| 205 | 12.127 | 12.113 | 12.151 | HH | 25917  | 542051  | 1.51%  | 0.043% |
| 206 | 12.161 | 12.151 | 12.173 | HH | 21075  | 267088  | 0.74%  | 0.021% |
| 207 | 12.198 | 12.173 | 12.220 | HH | 50642  | 889645  | 2.48%  | 0.070% |
| 208 | 12.232 | 12.220 | 12.246 | HH | 23670  | 352750  | 0.98%  | 0.028% |
| 209 | 12.286 | 12.246 | 12.322 | HH | 42795  | 1223939 | 3.41%  | 0.097% |
| 210 | 12.346 | 12.322 | 12.363 | HH | 26614  | 581703  | 1.62%  | 0.046% |
| 211 | 12.381 | 12.363 | 12.395 | HH | 25083  | 455132  | 1.27%  | 0.036% |
| 212 | 12.407 | 12.395 | 12.421 | HH | 23633  | 367516  | 1.02%  | 0.029% |
| 213 | 12.450 | 12.421 | 12.464 | HH | 29594  | 672840  | 1.88%  | 0.053% |
| 214 | 12.475 | 12.464 | 12.492 | HH | 28224  | 433698  | 1.21%  | 0.034% |
| 215 | 12.523 | 12.492 | 12.561 | HH | 36061  | 1180508 | 3.29%  | 0.093% |
| 216 | 12.590 | 12.561 | 12.613 | HH | 47052  | 1050010 | 2.93%  | 0.083% |
| 217 | 12.635 | 12.613 | 12.654 | HH | 54164  | 975742  | 2.72%  | 0.077% |
| 218 | 12.673 | 12.654 | 12.721 | HH | 44967  | 1465430 | 4.08%  | 0.116% |
| 219 | 12.762 | 12.721 | 12.792 | HH | 737284 | 9537895 | 26.58% | 0.752% |
| 220 | 12.817 | 12.792 | 12.835 | HH | 33388  | 742353  | 2.07%  | 0.059% |
| 221 | 12.852 | 12.835 | 12.864 | HH | 28502  | 472395  | 1.32%  | 0.037% |
| 222 | 12.909 | 12.864 | 12.920 | HH | 40737  | 1179651 | 3.29%  | 0.093% |
| 223 | 12.940 | 12.920 | 12.954 | HH | 49740  | 845390  | 2.36%  | 0.067% |
| 224 | 12.965 | 12.954 | 13.025 | HH | 44202  | 1510699 | 4.21%  | 0.119% |
| 225 | 13.062 | 13.025 | 13.088 | HH | 624486 | 8105140 | 22.59% | 0.639% |
| 226 | 13.110 | 13.088 | 13.126 | HH | 122339 | 1682732 | 4.69%  | 0.133% |
| 227 | 13.140 | 13.126 | 13.178 | HH | 95711  | 1717663 | 4.79%  | 0.135% |
| 228 | 13.226 | 13.178 | 13.239 | HH | 53540  | 1401816 | 3.91%  | 0.111% |
| 229 | 13.256 | 13.239 | 13.277 | HH | 67688  | 1167447 | 3.25%  | 0.092% |
| 230 | 13.289 | 13.277 | 13.299 | HH | 38853  | 484569  | 1.35%  | 0.038% |
| 231 | 13.320 | 13.299 | 13.363 | HH | 76410  | 1823725 | 5.08%  | 0.144% |
| 232 | 13.397 | 13.363 | 13.421 | HH | 49614  | 1397940 | 3.90%  | 0.110% |
| 233 | 13.451 | 13.421 | 13.489 | HH | 63134  | 1816476 | 5.06%  | 0.143% |
| 234 | 13.514 | 13.489 | 13.542 | HH | 79554  | 1748853 | 4.87%  | 0.138% |
| 235 | 13.551 | 13.542 | 13.587 | HH | 38383  | 1012516 | 2.82%  | 0.080% |
| 236 | 13.646 | 13.587 | 13.684 | HH | 149125 | 3918635 | 10.92% | 0.309% |
| 237 | 13.710 | 13.684 | 13.727 | HH | 49461  | 1141904 | 3.18%  | 0.090% |
| 238 | 13.754 | 13.727 | 13.775 | HH | 105808 | 1990209 | 5.55%  | 0.157% |
| 239 | 13.794 | 13.775 | 13.814 | HH | 92307  | 1604598 | 4.47%  | 0.127% |
| 240 | 13.833 | 13.814 | 13.857 | HH | 76455  | 1516091 | 4.23%  | 0.120% |
| 241 | 13.924 | 13.857 | 13.946 | HH | 92531  | 3495327 | 9.74%  | 0.276% |
| 242 | 13.965 | 13.946 | 14.003 | HH | 85870  | 2104466 | 5.87%  | 0.166% |
| 243 | 14.039 | 14.003 | 14.061 | HH | 61868  | 1847630 | 5.15%  | 0.146% |
| 244 | 14.083 | 14.061 | 14.097 | HH | 53485  | 1134079 | 3.16%  | 0.089% |
| 245 | 14.109 | 14.097 | 14.136 | HH | 53930  | 1223479 | 3.41%  | 0.097% |
| 246 | 14.156 | 14.136 | 14.186 | HH | 56021  | 1615620 | 4.50%  | 0.127% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 14.203 | 14.186 | 14.225 | HH | 58023  | 1232891  | 3.44%  | 0.097% |
| 248    | 14.235 | 14.225 | 14.254 | HH | 51575  | 885521   | 2.47%  | 0.070% |
| 249    | 14.274 | 14.254 | 14.296 | HH | 54439  | 1311793  | 3.66%  | 0.103% |
| 250    | 14.329 | 14.296 | 14.337 | HH | 66477  | 1474596  | 4.11%  | 0.116% |
|        |        |        |        |    |        |          |        |        |
| 251    | 14.352 | 14.337 | 14.367 | HH | 69838  | 1188631  | 3.31%  | 0.094% |
| 252    | 14.387 | 14.367 | 14.420 | HH | 116269 | 2487088  | 6.93%  | 0.196% |
| 253    | 14.455 | 14.420 | 14.473 | HH | 69245  | 2012661  | 5.61%  | 0.159% |
| 254    | 14.508 | 14.473 | 14.533 | HH | 151079 | 3251728  | 9.06%  | 0.256% |
| 255    | 14.563 | 14.533 | 14.602 | HH | 122033 | 3493112  | 9.74%  | 0.276% |
|        |        |        |        |    |        |          |        |        |
| 256    | 14.628 | 14.602 | 14.653 | HH | 147541 | 3078767  | 8.58%  | 0.243% |
| 257    | 14.694 | 14.653 | 14.725 | HH | 138188 | 3855927  | 10.75% | 0.304% |
| 258    | 14.781 | 14.725 | 14.804 | HH | 185059 | 4644531  | 12.95% | 0.366% |
| 259    | 14.814 | 14.804 | 14.855 | HH | 85399  | 2200599  | 6.13%  | 0.174% |
| 260    | 14.899 | 14.855 | 14.915 | HH | 90731  | 2612134  | 7.28%  | 0.206% |
|        |        |        |        |    |        |          |        |        |
| 261    | 14.949 | 14.915 | 14.970 | HH | 471588 | 7566663  | 21.09% | 0.597% |
| 262    | 14.993 | 14.970 | 15.018 | HH | 469925 | 6882723  | 19.18% | 0.543% |
| 263    | 15.035 | 15.018 | 15.057 | HH | 76072  | 1681696  | 4.69%  | 0.133% |
| 264    | 15.110 | 15.057 | 15.153 | HH | 168313 | 5576289  | 15.54% | 0.440% |
| 265    | 15.186 | 15.153 | 15.218 | HH | 113893 | 3393361  | 9.46%  | 0.268% |
|        |        |        |        |    |        |          |        |        |
| 266    | 15.249 | 15.218 | 15.271 | HH | 126939 | 3008550  | 8.39%  | 0.237% |
| 267    | 15.290 | 15.271 | 15.307 | HH | 108324 | 2162162  | 6.03%  | 0.171% |
| 268    | 15.320 | 15.307 | 15.342 | HH | 103752 | 1963241  | 5.47%  | 0.155% |
| 269    | 15.368 | 15.342 | 15.415 | HH | 136030 | 4587803  | 12.79% | 0.362% |
| 270    | 15.431 | 15.415 | 15.454 | HH | 96073  | 2130230  | 5.94%  | 0.168% |
|        |        |        |        |    |        |          |        |        |
| 271    | 15.530 | 15.454 | 15.549 | HH | 100646 | 5210721  | 14.52% | 0.411% |
| 272    | 15.578 | 15.549 | 15.597 | HH | 107892 | 2923724  | 8.15%  | 0.231% |
| 273    | 15.621 | 15.597 | 15.641 | HH | 174244 | 3455948  | 9.63%  | 0.273% |
| 274    | 15.659 | 15.641 | 15.690 | HH | 131405 | 3245747  | 9.05%  | 0.256% |
| 275    | 15.708 | 15.690 | 15.728 | HH | 110924 | 2356548  | 6.57%  | 0.186% |
|        |        |        |        |    |        |          |        |        |
| 276    | 15.774 | 15.728 | 15.822 | HH | 146743 | 6702639  | 18.68% | 0.529% |
| 277    | 15.857 | 15.822 | 15.892 | HH | 124579 | 4519266  | 12.60% | 0.356% |
| 278    | 15.908 | 15.892 | 15.927 | HH | 139462 | 2543031  | 7.09%  | 0.201% |
| 279    | 15.941 | 15.927 | 15.968 | HH | 119293 | 2734804  | 7.62%  | 0.216% |
| 280    | 15.989 | 15.968 | 16.035 | HH | 130772 | 4627646  | 12.90% | 0.365% |
|        |        |        |        |    |        |          |        |        |
| 281    | 16.054 | 16.035 | 16.080 | HH | 119116 | 2973448  | 8.29%  | 0.235% |
| 282    | 16.113 | 16.080 | 16.138 | HH | 106944 | 3687049  | 10.28% | 0.291% |
| 283    | 16.156 | 16.138 | 16.176 | HH | 108304 | 2410328  | 6.72%  | 0.190% |
| 284    | 16.218 | 16.176 | 16.234 | HH | 123347 | 3972517  | 11.07% | 0.313% |
| 285    | 16.251 | 16.234 | 16.277 | HH | 127534 | 3127035  | 8.72%  | 0.247% |
|        |        |        |        |    |        |          |        |        |
| 286    | 16.300 | 16.277 | 16.322 | HH | 140994 | 3438149  | 9.58%  | 0.271% |
| 287    | 16.327 | 16.322 | 16.346 | HH | 128584 | 1792299  | 5.00%  | 0.141% |
| 288    | 16.386 | 16.346 | 16.402 | HH | 139452 | 4382181  | 12.21% | 0.346% |
| 289    | 16.425 | 16.402 | 16.442 | HH | 148768 | 3382006  | 9.43%  | 0.267% |
| 290    | 16.458 | 16.442 | 16.475 | HH | 145225 | 2680214  | 7.47%  | 0.211% |
|        |        |        |        |    |        |          |        |        |
| 291    | 16.526 | 16.475 | 16.543 | HH | 544110 | 11992395 | 33.43% | 0.946% |
| 292    | 16.551 | 16.543 | 16.579 | HH | 347128 | 4889738  | 13.63% | 0.386% |
| 293    | 16.596 | 16.579 | 16.615 | HH | 138723 | 2964741  | 8.26%  | 0.234% |
| 294    | 16.648 | 16.615 | 16.669 | HH | 227721 | 5628288  | 15.69% | 0.444% |
| 295    | 16.681 | 16.669 | 16.695 | HH | 155616 | 2344282  | 6.53%  | 0.185% |
|        |        |        |        |    |        |          |        |        |
| 296    | 16.713 | 16.695 | 16.744 | HH | 152960 | 4450758  | 12.41% | 0.351% |
| 297    | 16.769 | 16.744 | 16.783 | HH | 159796 | 3583552  | 9.99%  | 0.283% |
| 298    | 16.848 | 16.783 | 16.873 | HH | 420321 | 12388488 | 34.53% | 0.977% |
| 299    | 16.908 | 16.873 | 16.942 | HH | 477337 | 10804127 | 30.11% | 0.852% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rters  |          |        |        |
| 300 | 16.966 | 16.942 | 16.981 | HH | 190412 | 4131743  | 11.52% | 0.326% |
| 301 | 17.004 | 16.981 | 17.031 | HH | 280168 | 6403999  | 17.85% | 0.505% |
| 302 | 17.049 | 17.031 | 17.083 | HH | 188117 | 5490642  | 15.30% | 0.433% |
| 303 | 17.151 | 17.083 | 17.176 | HH | 196120 | 10030031 | 27.96% | 0.791% |
| 304 | 17.204 | 17.176 | 17.222 | HH | 185490 | 4971590  | 13.86% | 0.392% |
| 305 | 17.277 | 17.222 | 17.294 | HH | 215865 | 8682776  | 24.20% | 0.685% |
| 306 | 17.303 | 17.294 | 17.336 | HH | 210194 | 4919802  | 13.71% | 0.388% |
| 307 | 17.370 | 17.336 | 17.384 | HH | 200200 | 5607407  | 15.63% | 0.442% |
| 308 | 17.411 | 17.384 | 17.450 | HH | 242074 | 8577557  | 23.91% | 0.677% |
| 309 | 17.493 | 17.450 | 17.528 | HH | 211669 | 9539957  | 26.59% | 0.753% |
| 310 | 17.560 | 17.528 | 17.589 | HH | 230092 | 7887719  | 21.99% | 0.622% |
| 311 | 17.608 | 17.589 | 17.641 | HH | 211521 | 6330261  | 17.64% | 0.499% |
| 312 | 17.672 | 17.641 | 17.682 | HH | 207551 | 5042647  | 14.06% | 0.398% |
| 313 | 17.704 | 17.682 | 17.733 | HH | 211971 | 6449920  | 17.98% | 0.509% |
| 314 | 17.773 | 17.733 | 17.792 | HH | 220547 | 7421510  | 20.69% | 0.585% |
| 315 | 17.859 | 17.792 | 17.883 | HH | 256588 | 12728621 | 35.48% | 1.004% |
| 316 | 17.891 | 17.883 | 17.912 | HH | 236093 | 3981831  | 11.10% | 0.314% |
| 317 | 17.922 | 17.912 | 17.942 | HH | 224034 | 3935778  | 10.97% | 0.310% |
| 318 | 18.023 | 17.942 | 18.035 | HH | 267765 | 13700264 | 38.19% | 1.081% |
| 319 | 18.051 | 18.035 | 18.102 | HH | 274283 | 10321520 | 28.77% | 0.814% |
| 320 | 18.142 | 18.102 | 18.160 | HH | 245637 | 8501854  | 23.70% | 0.671% |
| 321 | 18.189 | 18.160 | 18.208 | HH | 314492 | 7855286  | 21.89% | 0.620% |
| 322 | 18.218 | 18.208 | 18.248 | HH | 286378 | 6581429  | 18.34% | 0.519% |
| 323 | 18.288 | 18.248 | 18.312 | HH | 467198 | 12847253 | 35.81% | 1.013% |
| 324 | 18.323 | 18.312 | 18.347 | HH | 290014 | 5827752  | 16.24% | 0.460% |
| 325 | 18.364 | 18.347 | 18.376 | HH | 280266 | 4805316  | 13.39% | 0.379% |
| 326 | 18.415 | 18.376 | 18.432 | HH | 320297 | 9890437  | 27.57% | 0.780% |
| 327 | 18.449 | 18.432 | 18.512 | HH | 309081 | 13313529 | 37.11% | 1.050% |
| 328 | 18.549 | 18.512 | 18.572 | HH | 457130 | 12031674 | 33.54% | 0.949% |
| 329 | 18.625 | 18.572 | 18.640 | HH | 293176 | 11429119 | 31.86% | 0.902% |
| 330 | 18.678 | 18.640 | 18.739 | HH | 345596 | 17577919 | 48.99% | 1.387% |
| 331 | 18.771 | 18.739 | 18.788 | HH | 292289 | 8487704  | 23.66% | 0.670% |
| 332 | 18.817 | 18.788 | 18.835 | HH | 305453 | 8301929  | 23.14% | 0.655% |
| 333 | 18.860 | 18.835 | 18.888 | HH | 308099 | 9469597  | 26.39% | 0.747% |
| 334 | 18.902 | 18.888 | 18.915 | HH | 291740 | 4602666  | 12.83% | 0.363% |
| 335 | 18.969 | 18.915 | 19.007 | HH | 307634 | 16473615 | 45.92% | 1.299% |
| 336 | 19.059 | 19.007 | 19.082 | HH | 339529 | 14197388 | 39.57% | 1.120% |
| 337 | 19.095 | 19.082 | 19.134 | HH | 333247 | 10053108 | 28.02% | 0.793% |
| 338 | 19.149 | 19.134 | 19.182 | HH | 329231 | 9219032  | 25.70% | 0.727% |
| 339 | 19.215 | 19.182 | 19.284 | HH | 330771 | 19857971 | 55.35% | 1.566% |
| 340 | 19.327 | 19.284 | 19.342 | HH | 319450 | 10874168 | 30.31% | 0.858% |
| 341 | 19.354 | 19.342 | 19.375 | HH | 324803 | 6422513  | 17.90% | 0.507% |
| 342 | 19.404 | 19.375 | 19.438 | HH | 334430 | 12524817 | 34.91% | 0.988% |
| 343 | 19.484 | 19.438 | 19.515 | HH | 349843 | 15398636 | 42.92% | 1.215% |
| 344 | 19.533 | 19.515 | 19.547 | HH | 351551 | 6654268  | 18.55% | 0.525% |
| 345 | 19.563 | 19.547 | 19.579 | HH | 349239 | 6788612  | 18.92% | 0.535% |
| 346 | 19.594 | 19.579 | 19.605 | HH | 351249 | 5297615  | 14.77% | 0.418% |
| 347 | 19.650 | 19.605 | 19.671 | HH | 362990 | 13982193 | 38.97% | 1.103% |
| 348 | 19.710 | 19.671 | 19.748 | HH | 420333 | 17718763 | 49.39% | 1.398% |
| 349 | 19.775 | 19.748 | 19.808 | HH | 434252 | 14294235 | 39.84% | 1.128% |
| 350 | 19.861 | 19.808 | 19.892 | HH | 405196 | 19814590 | 55.23% | 1.563% |
| 351 | 19.923 | 19.892 | 19.954 | HH | 385465 | 13974475 | 38.95% | 1.102% |

|     |        |        |        |     |        | rters    |         |        |
|-----|--------|--------|--------|-----|--------|----------|---------|--------|
| 352 | 19.995 | 19.954 | 20.018 | HH  | 388028 | 14631464 | 40.78%  | 1.154% |
| 353 | 20.052 | 20.018 | 20.065 | HH  | 389786 | 10721611 | 29.88%  | 0.846% |
| 354 | 20.093 | 20.065 | 20.126 | HH  | 474511 | 15792476 | 44.02%  | 1.246% |
| 355 | 20.160 | 20.126 | 20.212 | HH  | 435701 | 21659479 | 60.37%  | 1.708% |
| 356 | 20.231 | 20.212 | 20.257 | HH  | 438462 | 11620650 | 32.39%  | 0.917% |
| 357 | 20.288 | 20.257 | 20.298 | HH  | 408877 | 9883419  | 27.55%  | 0.780% |
| 358 | 20.398 | 20.298 | 20.425 | HH  | 424814 | 31668298 | 88.27%  | 2.498% |
| 359 | 20.441 | 20.425 | 20.497 | HH  | 420021 | 17455223 | 48.65%  | 1.377% |
| 360 | 20.524 | 20.497 | 20.542 | HH  | 400054 | 10708313 | 29.85%  | 0.845% |
| 361 | 20.589 | 20.542 | 20.636 | HH  | 413552 | 22824801 | 63.62%  | 1.800% |
| 362 | 20.668 | 20.636 | 20.690 | HH  | 414134 | 13263076 | 36.97%  | 1.046% |
| 363 | 20.705 | 20.690 | 20.753 | HH  | 406643 | 15016015 | 41.85%  | 1.184% |
| 364 | 20.760 | 20.753 | 20.802 | HH  | 390892 | 11128002 | 31.02%  | 0.878% |
| 365 | 20.810 | 20.802 | 20.824 | HH  | 379901 | 5132563  | 14.31%  | 0.405% |
| 366 | 20.835 | 20.824 | 20.853 | HH  | 376399 | 6517620  | 18.17%  | 0.514% |
| 367 | 20.864 | 20.853 | 20.875 | HH  | 375862 | 4961037  | 13.83%  | 0.391% |
| 368 | 20.934 | 20.875 | 20.946 | HH  | 381494 | 15987804 | 44.56%  | 1.261% |
| 369 | 20.955 | 20.946 | 20.965 | HH  | 382943 | 4210119  | 11.73%  | 0.332% |
| 370 | 20.986 | 20.965 | 21.025 | HH  | 386864 | 13818246 | 38.52%  | 1.090% |
| 371 | 21.049 | 21.025 | 21.059 | HH  | 379792 | 7646018  | 21.31%  | 0.603% |
| 372 | 21.068 | 21.059 | 21.122 | HH  | 374217 | 13799044 | 38.46%  | 1.088% |
| 373 | 21.132 | 21.122 | 21.142 | HH  | 362063 | 4333570  | 12.08%  | 0.342% |
| 374 | 21.158 | 21.142 | 21.223 | HH  | 363687 | 17449606 | 48.64%  | 1.376% |
| 375 | 21.250 | 21.223 | 21.290 | HH  | 358443 | 14126828 | 39.38%  | 1.114% |
| 376 | 21.305 | 21.290 | 21.327 | HH  | 355616 | 7854927  | 21.89%  | 0.620% |
| 377 | 21.357 | 21.327 | 21.406 | HH  | 359833 | 16904681 | 47.12%  | 1.333% |
| 378 | 21.444 | 21.406 | 21.498 | HH  | 364843 | 19511144 | 54.38%  | 1.539% |
| 379 | 21.569 | 21.498 | 21.670 | HH  | 362025 | 35877353 | 100.00% | 2.830% |
| 380 | 21.706 | 21.670 | 21.714 | HH  | 333367 | 8699458  | 24.25%  | 0.686% |
| 381 | 21.730 | 21.714 | 21.762 | HH  | 340321 | 9731117  | 27.12%  | 0.768% |
| 382 | 21.783 | 21.762 | 21.821 | HH  | 333124 | 11616068 | 32.38%  | 0.916% |
| 383 | 21.842 | 21.821 | 21.851 | HH  | 320911 | 5828889  | 16.25%  | 0.460% |
| 384 | 21.889 | 21.851 | 21.929 | HH  | 337198 | 15287832 | 42.61%  | 1.206% |
| 385 | 21.965 | 21.929 | 21.992 | HHA | 346462 | 12979631 | 36.18%  | 1.024% |

Sum of corrected areas: 1267758289

FG070819.M Mon Jul 15 09:43:32 2019