

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG081121\  
 Data File : FG008595.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Aug 2021 18:44  
 Sample : M3331-12 5X  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG071521.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         | 2.534       | 2.501        | 2.568      | BH       | 265            | 2371         | 0.07%          | 0.003%        |
| 2         | 2.586       | 2.568        | 2.613      | PH       | 252            | 2546         | 0.08%          | 0.003%        |
| 3         | 2.635       | 2.613        | 2.663      | PH       | 540            | 6720         | 0.21%          | 0.008%        |
| 4         | 2.687       | 2.663        | 2.702      | HH       | 630            | 6213         | 0.19%          | 0.007%        |
| 5         | 2.713       | 2.702        | 2.738      | HH       | 289            | 3548         | 0.11%          | 0.004%        |
| 6         | 2.752       | 2.738        | 2.800      | HH       | 287            | 4555         | 0.14%          | 0.005%        |
| 7         | 2.818       | 2.800        | 2.861      | HH       | 341            | 4121         | 0.13%          | 0.005%        |
| 8         | 2.909       | 2.861        | 2.942      | PH       | 1026           | 13174        | 0.40%          | 0.016%        |
| 9         | 2.975       | 2.942        | 2.998      | PH       | 156            | 1132         | 0.03%          | 0.001%        |
| 10        | 3.012       | 2.998        | 3.033      | HH       | 135            | 961          | 0.03%          | 0.001%        |
| 11        | 3.089       | 3.033        | 3.118      | PH       | 288            | 2977         | 0.09%          | 0.004%        |
| 12        | 3.136       | 3.118        | 3.155      | HH       | 1080           | 9137         | 0.28%          | 0.011%        |
| 13        | 3.169       | 3.155        | 3.185      | PH       | 161            | 1053         | 0.03%          | 0.001%        |
| 14        | 3.203       | 3.185        | 3.251      | PH       | 158            | 1810         | 0.06%          | 0.002%        |
| 15        | 3.270       | 3.251        | 3.321      | PH       | 377            | 3981         | 0.12%          | 0.005%        |
| 16        | 3.329       | 3.321        | 3.367      | PH       | 49             | -910         | -0.03%         | -0.001%       |
| 17        | 3.384       | 3.367        | 3.445      | PH       | 670            | 4373         | 0.13%          | 0.005%        |
| 18        | 3.486       | 3.445        | 3.499      | PH       | 95             | -2140        | -0.07%         | -0.003%       |
| 19        | 3.513       | 3.499        | 3.525      | PH       | 134            | 275          | 0.01%          | 0.000%        |
| 20        | 3.538       | 3.525        | 3.558      | PH       | 4              | -422         | -0.01%         | -0.000%       |
| 21        | 3.578       | 3.558        | 3.625      | PH       | 114            | -934         | -0.03%         | -0.001%       |
| 22        | 3.656       | 3.625        | 3.681      | PH       | 340            | 3018         | 0.09%          | 0.004%        |
| 23        | 3.709       | 3.681        | 3.721      | PH       | 51             | 290          | 0.01%          | 0.000%        |
| 24        | 3.725       | 3.721        | 3.741      | PH       | 23             | -247         | -0.01%         | -0.000%       |
| 25        | 3.759       | 3.741        | 3.784      | PH       | 318            | 2969         | 0.09%          | 0.004%        |
| 26        | 3.798       | 3.784        | 3.818      | HH       | 197            | 769          | 0.02%          | 0.001%        |
| 27        | 3.834       | 3.818        | 3.868      | PH       | 303            | 2582         | 0.08%          | 0.003%        |
| 28        | 3.884       | 3.868        | 3.921      | PH       | 489            | 4396         | 0.13%          | 0.005%        |
| 29        | 3.931       | 3.921        | 3.950      | PH       | 69             | -1024        | -0.03%         | -0.001%       |
| 30        | 3.970       | 3.950        | 3.996      | PH       | 351            | 1659         | 0.05%          | 0.002%        |
| 31        | 4.010       | 3.996        | 4.027      | PH       | -75            | -2126        | -0.07%         | -0.003%       |
| 32        | 4.064       | 4.027        | 4.138      | PH       | 585            | 12827        | 0.39%          | 0.015%        |
| 33        | 4.151       | 4.138        | 4.188      | HH       | 262            | 1060         | 0.03%          | 0.001%        |
| 34        | 4.226       | 4.188        | 4.245      | PH       | 889            | 9256         | 0.28%          | 0.011%        |
| 35        | 4.259       | 4.245        | 4.285      | HH       | 345            | 4458         | 0.14%          | 0.005%        |
| 36        | 4.293       | 4.285        | 4.349      | HH       | 144            | 1138         | 0.03%          | 0.001%        |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 4.378 | 4.349 | 4.389 | PH | -36    | -1437  | -0.04% | -0.002% |
| 38 | 4.415 | 4.389 | 4.441 | PH | 87     | -1441  | -0.04% | -0.002% |
| 39 | 4.460 | 4.441 | 4.491 | PH | 950    | 6401   | 0.20%  | 0.008%  |
| 40 | 4.506 | 4.491 | 4.521 | PH | 260    | 927    | 0.03%  | 0.001%  |
| 41 | 4.533 | 4.521 | 4.551 | PH | 9      | -518   | -0.02% | -0.001% |
| 42 | 4.567 | 4.551 | 4.590 | PH | 54     | -1656  | -0.05% | -0.002% |
| 43 | 4.610 | 4.590 | 4.650 | PH | 669    | 3592   | 0.11%  | 0.004%  |
| 44 | 4.682 | 4.650 | 4.702 | PH | 285    | 1834   | 0.06%  | 0.002%  |
| 45 | 4.715 | 4.702 | 4.731 | PH | 291    | 1483   | 0.05%  | 0.002%  |
| 46 | 4.747 | 4.731 | 4.779 | PH | 125    | -1965  | -0.06% | -0.002% |
| 47 | 4.808 | 4.779 | 4.829 | PH | 183    | 469    | 0.01%  | 0.001%  |
| 48 | 4.843 | 4.829 | 4.868 | PH | 298    | 934    | 0.03%  | 0.001%  |
| 49 | 4.884 | 4.868 | 4.905 | PH | 207    | 324    | 0.01%  | 0.000%  |
| 50 | 4.918 | 4.905 | 4.927 | PH | -6     | -918   | -0.03% | -0.001% |
| 51 | 4.937 | 4.927 | 4.978 | PH | 113    | -4657  | -0.14% | -0.006% |
| 52 | 4.997 | 4.978 | 5.033 | PH | -102   | -7551  | -0.23% | -0.009% |
| 53 | 5.060 | 5.033 | 5.088 | PH | -129   | -6155  | -0.19% | -0.007% |
| 54 | 5.105 | 5.088 | 5.125 | PH | 83     | -1538  | -0.05% | -0.002% |
| 55 | 5.142 | 5.125 | 5.152 | PH | -38    | -1837  | -0.06% | -0.002% |
| 56 | 5.158 | 5.152 | 5.170 | PH | -157   | -1829  | -0.06% | -0.002% |
| 57 | 5.184 | 5.170 | 5.196 | PH | -0     | -1959  | -0.06% | -0.002% |
| 58 | 5.206 | 5.196 | 5.254 | PH | -32    | -8075  | -0.25% | -0.010% |
| 59 | 5.275 | 5.254 | 5.308 | PH | -218   | -9535  | -0.29% | -0.011% |
| 60 | 5.324 | 5.308 | 5.357 | PH | 18     | -5369  | -0.16% | -0.006% |
| 61 | 5.393 | 5.357 | 5.412 | PH | -130   | -7872  | -0.24% | -0.009% |
| 62 | 5.432 | 5.412 | 5.441 | PH | -265   | -5638  | -0.17% | -0.007% |
| 63 | 5.457 | 5.441 | 5.480 | PH | -227   | -7497  | -0.23% | -0.009% |
| 64 | 5.502 | 5.480 | 5.521 | PH | 896    | 4136   | 0.13%  | 0.005%  |
| 65 | 5.536 | 5.521 | 5.598 | PH | -93    | -10465 | -0.32% | -0.012% |
| 66 | 5.623 | 5.598 | 5.652 | PH | -147   | -9148  | -0.28% | -0.011% |
| 67 | 5.690 | 5.652 | 5.768 | PH | -65    | -15198 | -0.47% | -0.018% |
| 68 | 5.785 | 5.768 | 5.830 | PH | -1     | -4615  | -0.14% | -0.005% |
| 69 | 5.845 | 5.830 | 5.861 | PH | -181   | -4809  | -0.15% | -0.006% |
| 70 | 5.877 | 5.861 | 5.896 | PH | -156   | -5207  | -0.16% | -0.006% |
| 71 | 5.918 | 5.896 | 5.944 | PH | -156   | -6988  | -0.21% | -0.008% |
| 72 | 5.961 | 5.944 | 5.983 | PH | -117   | -5676  | -0.17% | -0.007% |
| 73 | 6.019 | 5.983 | 6.034 | PH | -140   | -7051  | -0.22% | -0.008% |
| 74 | 6.060 | 6.034 | 6.093 | PH | 1934   | 16766  | 0.51%  | 0.020%  |
| 75 | 6.115 | 6.093 | 6.180 | PH | 11100  | 136357 | 4.18%  | 0.162%  |
| 76 | 6.202 | 6.180 | 6.265 | HH | 547    | 9205   | 0.28%  | 0.011%  |
| 77 | 6.274 | 6.265 | 6.295 | PH | 105    | 631    | 0.02%  | 0.001%  |
| 78 | 6.332 | 6.295 | 6.371 | PH | 240    | 4636   | 0.14%  | 0.005%  |
| 79 | 6.380 | 6.371 | 6.393 | HH | 139    | 1456   | 0.04%  | 0.002%  |
| 80 | 6.407 | 6.393 | 6.441 | HH | 189    | 4022   | 0.12%  | 0.005%  |
| 81 | 6.447 | 6.441 | 6.468 | HH | 194    | 1809   | 0.06%  | 0.002%  |
| 82 | 6.487 | 6.468 | 6.561 | HH | 1197   | 7052   | 0.22%  | 0.008%  |
| 83 | 6.585 | 6.561 | 6.621 | PH | -40    | -6043  | -0.19% | -0.007% |
| 84 | 6.638 | 6.621 | 6.661 | PH | 295    | -986   | -0.03% | -0.001% |
| 85 | 6.689 | 6.661 | 6.737 | PH | -182   | -13352 | -0.41% | -0.016% |
| 86 | 6.768 | 6.737 | 6.787 | PH | -221   | -9495  | -0.29% | -0.011% |
| 87 | 6.816 | 6.787 | 6.839 | PH | -152   | -7981  | -0.24% | -0.009% |
| 88 | 6.848 | 6.839 | 6.868 | PH | -273   | -4966  | -0.15% | -0.006% |
| 89 | 6.895 | 6.868 | 6.947 | PH | -94    | -12560 | -0.39% | -0.015% |

|     |       |       |       |    |        |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
|     |       |       |       |    | rteres |        |        |         |
| 90  | 6.989 | 6.947 | 7.038 | PH | -4     | -7078  | -0.22% | -0.008% |
| 91  | 7.049 | 7.038 | 7.078 | PH | -11    | -2499  | -0.08% | -0.003% |
| 92  | 7.121 | 7.078 | 7.175 | PH | 2200   | 20019  | 0.61%  | 0.024%  |
| 93  | 7.192 | 7.175 | 7.238 | PH | 630    | 2489   | 0.08%  | 0.003%  |
| 94  | 7.255 | 7.238 | 7.279 | PH | 1326   | 10946  | 0.34%  | 0.013%  |
| 95  | 7.288 | 7.279 | 7.355 | PH | -53    | -8642  | -0.27% | -0.010% |
| 96  | 7.374 | 7.355 | 7.386 | PH | -119   | -3682  | -0.11% | -0.004% |
| 97  | 7.414 | 7.386 | 7.455 | PH | 1134   | 6285   | 0.19%  | 0.007%  |
| 98  | 7.480 | 7.455 | 7.524 | PH | -63    | -7478  | -0.23% | -0.009% |
| 99  | 7.541 | 7.524 | 7.557 | PH | -209   | -5159  | -0.16% | -0.006% |
| 100 | 7.592 | 7.557 | 7.660 | PH | -56    | -15622 | -0.48% | -0.019% |
| 101 | 7.709 | 7.660 | 7.730 | PH | -157   | -12191 | -0.37% | -0.014% |
| 102 | 7.754 | 7.730 | 7.795 | PH | -159   | -10511 | -0.32% | -0.012% |
| 103 | 7.849 | 7.795 | 7.858 | PH | 138    | -5092  | -0.16% | -0.006% |
| 104 | 7.871 | 7.858 | 7.927 | HH | 149    | -2302  | -0.07% | -0.003% |
| 105 | 7.937 | 7.927 | 7.964 | PH | -73    | -3641  | -0.11% | -0.004% |
| 106 | 7.984 | 7.964 | 7.994 | PH | 96     | -916   | -0.03% | -0.001% |
| 107 | 8.008 | 7.994 | 8.084 | PH | 159    | -531   | -0.02% | -0.001% |
| 108 | 8.109 | 8.084 | 8.151 | PH | 1093   | 15876  | 0.49%  | 0.019%  |
| 109 | 8.186 | 8.151 | 8.205 | HH | 232    | 4621   | 0.14%  | 0.005%  |
| 110 | 8.222 | 8.205 | 8.236 | HH | 1097   | 11871  | 0.36%  | 0.014%  |
| 111 | 8.251 | 8.236 | 8.268 | HH | 1019   | 14512  | 0.45%  | 0.017%  |
| 112 | 8.287 | 8.268 | 8.321 | HH | 2413   | 33796  | 1.04%  | 0.040%  |
| 113 | 8.333 | 8.321 | 8.350 | HH | 184    | 2047   | 0.06%  | 0.002%  |
| 114 | 8.407 | 8.350 | 8.445 | HH | 2912   | 45453  | 1.39%  | 0.054%  |
| 115 | 8.454 | 8.445 | 8.480 | HH | 364    | 3548   | 0.11%  | 0.004%  |
| 116 | 8.495 | 8.480 | 8.509 | PH | 135    | 1069   | 0.03%  | 0.001%  |
| 117 | 8.517 | 8.509 | 8.531 | PH | 19     | -147   | -0.00% | -0.000% |
| 118 | 8.540 | 8.531 | 8.568 | PH | 6      | -1643  | -0.05% | -0.002% |
| 119 | 8.578 | 8.568 | 8.591 | PH | -73    | -1675  | -0.05% | -0.002% |
| 120 | 8.649 | 8.591 | 8.681 | PH | 216    | -170   | -0.01% | -0.000% |
| 121 | 8.702 | 8.681 | 8.728 | PH | 276    | 4110   | 0.13%  | 0.005%  |
| 122 | 8.754 | 8.728 | 8.791 | HH | 563    | 14118  | 0.43%  | 0.017%  |
| 123 | 8.826 | 8.791 | 8.851 | HH | 1375   | 21462  | 0.66%  | 0.025%  |
| 124 | 8.884 | 8.851 | 8.921 | HH | 331    | 9314   | 0.29%  | 0.011%  |
| 125 | 8.943 | 8.921 | 8.961 | HH | 554    | 8385   | 0.26%  | 0.010%  |
| 126 | 8.979 | 8.961 | 8.992 | HH | 767    | 10171  | 0.31%  | 0.012%  |
| 127 | 9.013 | 8.992 | 9.051 | HH | 1858   | 29761  | 0.91%  | 0.035%  |
| 128 | 9.068 | 9.051 | 9.081 | HH | 317    | 5279   | 0.16%  | 0.006%  |
| 129 | 9.113 | 9.081 | 9.138 | HH | 2068   | 29354  | 0.90%  | 0.035%  |
| 130 | 9.153 | 9.138 | 9.231 | HH | 634    | 15574  | 0.48%  | 0.018%  |
| 131 | 9.268 | 9.231 | 9.287 | HH | 503    | 8173   | 0.25%  | 0.010%  |
| 132 | 9.303 | 9.287 | 9.335 | HH | 481    | 7363   | 0.23%  | 0.009%  |
| 133 | 9.356 | 9.335 | 9.371 | HH | 302    | 3950   | 0.12%  | 0.005%  |
| 134 | 9.407 | 9.371 | 9.430 | HH | 541    | 9900   | 0.30%  | 0.012%  |
| 135 | 9.451 | 9.430 | 9.472 | HH | 554    | 9437   | 0.29%  | 0.011%  |
| 136 | 9.493 | 9.472 | 9.545 | HH | 828    | 22864  | 0.70%  | 0.027%  |
| 137 | 9.569 | 9.545 | 9.603 | HH | 976    | 20829  | 0.64%  | 0.025%  |
| 138 | 9.637 | 9.603 | 9.654 | HH | 575    | 13788  | 0.42%  | 0.016%  |
| 139 | 9.671 | 9.654 | 9.710 | HH | 693    | 17059  | 0.52%  | 0.020%  |
| 140 | 9.728 | 9.710 | 9.748 | HH | 545    | 10260  | 0.31%  | 0.012%  |
| 141 | 9.771 | 9.748 | 9.789 | HH | 654    | 11320  | 0.35%  | 0.013%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 142 | 9.816  | 9.789  | 9.869  | HH | 744    | 25757  | 0.79% | 0.031% |
| 143 | 9.895  | 9.869  | 9.965  | HH | 2085   | 50417  | 1.55% | 0.060% |
| 144 | 9.974  | 9.965  | 9.990  | HH | 549    | 7850   | 0.24% | 0.009% |
| 145 | 10.007 | 9.990  | 10.028 | HH | 503    | 10089  | 0.31% | 0.012% |
| 146 | 10.054 | 10.028 | 10.140 | HH | 813    | 29289  | 0.90% | 0.035% |
| 147 | 10.174 | 10.140 | 10.196 | HH | 426    | 9467   | 0.29% | 0.011% |
| 148 | 10.238 | 10.196 | 10.252 | HH | 649    | 14002  | 0.43% | 0.017% |
| 149 | 10.285 | 10.252 | 10.309 | HH | 1290   | 25984  | 0.80% | 0.031% |
| 150 | 10.342 | 10.309 | 10.358 | HH | 945    | 23222  | 0.71% | 0.028% |
| 151 | 10.375 | 10.358 | 10.400 | HH | 1053   | 20357  | 0.62% | 0.024% |
| 152 | 10.420 | 10.400 | 10.451 | HH | 920    | 23066  | 0.71% | 0.027% |
| 153 | 10.501 | 10.451 | 10.513 | HH | 865    | 26845  | 0.82% | 0.032% |
| 154 | 10.549 | 10.513 | 10.581 | HH | 1514   | 46611  | 1.43% | 0.055% |
| 155 | 10.591 | 10.581 | 10.598 | HH | 1047   | 10426  | 0.32% | 0.012% |
| 156 | 10.635 | 10.598 | 10.679 | HH | 2767   | 70128  | 2.15% | 0.083% |
| 157 | 10.708 | 10.679 | 10.728 | HH | 2864   | 52503  | 1.61% | 0.062% |
| 158 | 10.737 | 10.728 | 10.782 | HH | 1504   | 38681  | 1.19% | 0.046% |
| 159 | 10.800 | 10.782 | 10.814 | HH | 1065   | 18610  | 0.57% | 0.022% |
| 160 | 10.859 | 10.814 | 10.879 | HH | 2237   | 52495  | 1.61% | 0.062% |
| 161 | 10.900 | 10.879 | 10.948 | HH | 3584   | 73979  | 2.27% | 0.088% |
| 162 | 10.976 | 10.948 | 11.018 | HH | 4196   | 88098  | 2.70% | 0.104% |
| 163 | 11.031 | 11.018 | 11.048 | HH | 1431   | 23411  | 0.72% | 0.028% |
| 164 | 11.068 | 11.048 | 11.125 | HH | 1294   | 49764  | 1.53% | 0.059% |
| 165 | 11.198 | 11.125 | 11.235 | HH | 2170   | 83705  | 2.57% | 0.099% |
| 166 | 11.268 | 11.235 | 11.281 | HH | 1439   | 33768  | 1.04% | 0.040% |
| 167 | 11.340 | 11.281 | 11.387 | HH | 2935   | 97294  | 2.98% | 0.115% |
| 168 | 11.428 | 11.387 | 11.475 | HH | 2339   | 78895  | 2.42% | 0.094% |
| 169 | 11.498 | 11.475 | 11.518 | HH | 1398   | 32558  | 1.00% | 0.039% |
| 170 | 11.536 | 11.518 | 11.571 | HH | 1843   | 47008  | 1.44% | 0.056% |
| 171 | 11.591 | 11.571 | 11.621 | HH | 1626   | 42390  | 1.30% | 0.050% |
| 172 | 11.633 | 11.621 | 11.637 | HH | 1329   | 12694  | 0.39% | 0.015% |
| 173 | 11.654 | 11.637 | 11.675 | HH | 1445   | 30549  | 0.94% | 0.036% |
| 174 | 11.705 | 11.675 | 11.721 | HH | 2256   | 47748  | 1.46% | 0.057% |
| 175 | 11.737 | 11.721 | 11.783 | HH | 2874   | 76191  | 2.34% | 0.090% |
| 176 | 11.820 | 11.783 | 11.838 | HH | 2338   | 67585  | 2.07% | 0.080% |
| 177 | 11.853 | 11.838 | 11.870 | HH | 2516   | 40880  | 1.25% | 0.048% |
| 178 | 11.885 | 11.870 | 11.924 | HH | 2560   | 63696  | 1.95% | 0.076% |
| 179 | 11.959 | 11.924 | 11.978 | HH | 2070   | 58399  | 1.79% | 0.069% |
| 180 | 12.012 | 11.978 | 12.048 | HH | 3340   | 97419  | 2.99% | 0.115% |
| 181 | 12.071 | 12.048 | 12.092 | HH | 3270   | 68618  | 2.10% | 0.081% |
| 182 | 12.100 | 12.092 | 12.152 | HH | 2414   | 69896  | 2.14% | 0.083% |
| 183 | 12.181 | 12.152 | 12.221 | HH | 2400   | 84139  | 2.58% | 0.100% |
| 184 | 12.238 | 12.221 | 12.248 | HH | 2054   | 31834  | 0.98% | 0.038% |
| 185 | 12.267 | 12.248 | 12.312 | HH | 2947   | 89309  | 2.74% | 0.106% |
| 186 | 12.321 | 12.312 | 12.338 | HH | 2053   | 30121  | 0.92% | 0.036% |
| 187 | 12.382 | 12.338 | 12.391 | HH | 2182   | 63727  | 1.95% | 0.076% |
| 188 | 12.428 | 12.391 | 12.469 | HH | 2252   | 98807  | 3.03% | 0.117% |
| 189 | 12.514 | 12.469 | 12.540 | HH | 2493   | 95121  | 2.92% | 0.113% |
| 190 | 12.566 | 12.540 | 12.583 | HH | 2731   | 63970  | 1.96% | 0.076% |
| 191 | 12.606 | 12.583 | 12.627 | HH | 3449   | 75681  | 2.32% | 0.090% |
| 192 | 12.654 | 12.627 | 12.696 | HH | 4319   | 127761 | 3.92% | 0.151% |
| 193 | 12.724 | 12.696 | 12.806 | HH | 12593  | 274521 | 8.42% | 0.325% |
| 194 | 12.824 | 12.806 | 12.838 | HH | 2443   | 44893  | 1.38% | 0.053% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 12.863 | 12.838 | 12.891 | HH | 3387   | 91412  | 2.80%  | 0.108% |
| 196 | 12.938 | 12.891 | 12.951 | HH | 3214   | 106300 | 3.26%  | 0.126% |
| 197 | 12.967 | 12.951 | 12.991 | HH | 3168   | 70635  | 2.17%  | 0.084% |
| 198 | 13.024 | 12.991 | 13.050 | HH | 12670  | 215521 | 6.61%  | 0.255% |
| 199 | 13.059 | 13.050 | 13.097 | HH | 3682   | 97088  | 2.98%  | 0.115% |
| 200 | 13.115 | 13.097 | 13.135 | HH | 3577   | 73517  | 2.25%  | 0.087% |
| 201 | 13.144 | 13.135 | 13.165 | HH | 3022   | 52140  | 1.60%  | 0.062% |
| 202 | 13.207 | 13.165 | 13.218 | HH | 3259   | 96540  | 2.96%  | 0.114% |
| 203 | 13.232 | 13.218 | 13.251 | HH | 3243   | 61558  | 1.89%  | 0.073% |
| 204 | 13.269 | 13.251 | 13.280 | HH | 4129   | 64549  | 1.98%  | 0.077% |
| 205 | 13.296 | 13.280 | 13.348 | HH | 4876   | 157275 | 4.82%  | 0.186% |
| 206 | 13.359 | 13.348 | 13.371 | HH | 3363   | 45003  | 1.38%  | 0.053% |
| 207 | 13.383 | 13.371 | 13.408 | HH | 3309   | 72895  | 2.24%  | 0.086% |
| 208 | 13.484 | 13.408 | 13.531 | HH | 4031   | 252422 | 7.74%  | 0.299% |
| 209 | 13.545 | 13.531 | 13.561 | HH | 3250   | 57800  | 1.77%  | 0.069% |
| 210 | 13.614 | 13.561 | 13.652 | HH | 5091   | 213845 | 6.56%  | 0.254% |
| 211 | 13.681 | 13.652 | 13.705 | HH | 3996   | 116343 | 3.57%  | 0.138% |
| 212 | 13.724 | 13.705 | 13.748 | HH | 4217   | 100182 | 3.07%  | 0.119% |
| 213 | 13.764 | 13.748 | 13.786 | HH | 4644   | 94736  | 2.91%  | 0.112% |
| 214 | 13.807 | 13.786 | 13.829 | HH | 4417   | 103492 | 3.17%  | 0.123% |
| 215 | 13.856 | 13.829 | 13.875 | HH | 5372   | 126673 | 3.88%  | 0.150% |
| 216 | 13.893 | 13.875 | 13.918 | HH | 5024   | 118209 | 3.62%  | 0.140% |
| 217 | 13.937 | 13.918 | 13.985 | HH | 4760   | 167035 | 5.12%  | 0.198% |
| 218 | 14.011 | 13.985 | 14.037 | HH | 4203   | 126501 | 3.88%  | 0.150% |
| 219 | 14.082 | 14.037 | 14.130 | HH | 4757   | 243081 | 7.45%  | 0.288% |
| 220 | 14.142 | 14.130 | 14.168 | HH | 4402   | 94991  | 2.91%  | 0.113% |
| 221 | 14.250 | 14.168 | 14.279 | HH | 5944   | 319767 | 9.81%  | 0.379% |
| 222 | 14.325 | 14.279 | 14.341 | HH | 5550   | 187893 | 5.76%  | 0.223% |
| 223 | 14.362 | 14.341 | 14.400 | HH | 6579   | 199786 | 6.13%  | 0.237% |
| 224 | 14.424 | 14.400 | 14.451 | HH | 7163   | 185369 | 5.68%  | 0.220% |
| 225 | 14.482 | 14.451 | 14.515 | HH | 13789  | 321079 | 9.85%  | 0.381% |
| 226 | 14.533 | 14.515 | 14.573 | HH | 6916   | 215248 | 6.60%  | 0.255% |
| 227 | 14.599 | 14.573 | 14.625 | HH | 7499   | 195657 | 6.00%  | 0.232% |
| 228 | 14.668 | 14.625 | 14.695 | HH | 6562   | 251939 | 7.73%  | 0.299% |
| 229 | 14.712 | 14.695 | 14.726 | HH | 5839   | 109486 | 3.36%  | 0.130% |
| 230 | 14.758 | 14.726 | 14.795 | HH | 28736  | 551356 | 16.91% | 0.654% |
| 231 | 14.806 | 14.795 | 14.835 | HH | 6301   | 144227 | 4.42%  | 0.171% |
| 232 | 14.867 | 14.835 | 14.885 | HH | 6863   | 189062 | 5.80%  | 0.224% |
| 233 | 14.914 | 14.885 | 14.930 | HH | 11437  | 248772 | 7.63%  | 0.295% |
| 234 | 14.951 | 14.930 | 14.985 | HH | 18043  | 388528 | 11.91% | 0.461% |
| 235 | 15.006 | 14.985 | 15.045 | HH | 7173   | 250214 | 7.67%  | 0.297% |
| 236 | 15.073 | 15.045 | 15.122 | HH | 7626   | 335576 | 10.29% | 0.398% |
| 237 | 15.148 | 15.122 | 15.185 | HH | 6906   | 253076 | 7.76%  | 0.300% |
| 238 | 15.222 | 15.185 | 15.241 | HH | 7581   | 241256 | 7.40%  | 0.286% |
| 239 | 15.255 | 15.241 | 15.269 | HH | 7437   | 121116 | 3.71%  | 0.144% |
| 240 | 15.289 | 15.269 | 15.313 | HH | 7869   | 199583 | 6.12%  | 0.237% |
| 241 | 15.346 | 15.313 | 15.381 | HH | 16354  | 444394 | 13.63% | 0.527% |
| 242 | 15.399 | 15.381 | 15.428 | HH | 8278   | 221598 | 6.80%  | 0.263% |
| 243 | 15.449 | 15.428 | 15.458 | HH | 7882   | 140444 | 4.31%  | 0.166% |
| 244 | 15.487 | 15.458 | 15.525 | HH | 11091  | 380140 | 11.66% | 0.451% |
| 245 | 15.584 | 15.525 | 15.608 | HH | 10598  | 462056 | 14.17% | 0.548% |
| 246 | 15.623 | 15.608 | 15.671 | HH | 9100   | 322761 | 9.90%  | 0.383% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 15.686 | 15.671 | 15.694 | HH | 8483  | 113309  | 3.47%  | 0.134% |
| 248    | 15.746 | 15.694 | 15.792 | HH | 9741  | 533561  | 16.36% | 0.633% |
| 249    | 15.819 | 15.792 | 15.839 | HH | 9990  | 263823  | 8.09%  | 0.313% |
| 250    | 15.865 | 15.839 | 15.894 | HH | 9792  | 303708  | 9.31%  | 0.360% |
| 251    | 15.912 | 15.894 | 15.927 | HH | 9521  | 187903  | 5.76%  | 0.223% |
| 252    | 15.986 | 15.927 | 16.035 | HH | 12223 | 658866  | 20.20% | 0.781% |
| 253    | 16.053 | 16.035 | 16.063 | HH | 9978  | 161352  | 4.95%  | 0.191% |
| 254    | 16.087 | 16.063 | 16.132 | HH | 10290 | 413575  | 12.68% | 0.490% |
| 255    | 16.209 | 16.132 | 16.243 | HH | 11008 | 702779  | 21.55% | 0.833% |
| 256    | 16.289 | 16.243 | 16.312 | HH | 12999 | 485146  | 14.88% | 0.575% |
| 257    | 16.361 | 16.312 | 16.403 | HH | 15975 | 716700  | 21.98% | 0.850% |
| 258    | 16.419 | 16.403 | 16.434 | HH | 12656 | 231856  | 7.11%  | 0.275% |
| 259    | 16.475 | 16.434 | 16.530 | HH | 27327 | 985067  | 30.21% | 1.168% |
| 260    | 16.554 | 16.530 | 16.588 | HH | 13865 | 460109  | 14.11% | 0.545% |
| 261    | 16.608 | 16.588 | 16.658 | HH | 15590 | 587346  | 18.01% | 0.696% |
| 262    | 16.669 | 16.658 | 16.681 | HH | 13441 | 188213  | 5.77%  | 0.223% |
| 263    | 16.696 | 16.681 | 16.708 | HH | 13729 | 214022  | 6.56%  | 0.254% |
| 264    | 16.771 | 16.708 | 16.785 | HH | 18753 | 711002  | 21.80% | 0.843% |
| 265    | 16.799 | 16.785 | 16.830 | HH | 21963 | 498884  | 15.30% | 0.591% |
| 266    | 16.858 | 16.830 | 16.905 | HH | 20554 | 752418  | 23.07% | 0.892% |
| 267    | 16.940 | 16.905 | 16.997 | HH | 19024 | 965930  | 29.62% | 1.145% |
| 268    | 17.017 | 16.997 | 17.048 | HH | 18681 | 529000  | 16.22% | 0.627% |
| 269    | 17.069 | 17.048 | 17.082 | HH | 17135 | 346169  | 10.62% | 0.410% |
| 270    | 17.206 | 17.082 | 17.247 | HH | 18991 | 1766414 | 54.17% | 2.094% |
| 271    | 17.308 | 17.247 | 17.341 | HH | 24260 | 1138246 | 34.90% | 1.349% |
| 272    | 17.390 | 17.341 | 17.417 | HH | 25840 | 980759  | 30.08% | 1.163% |
| 273    | 17.440 | 17.417 | 17.455 | HH | 20222 | 449931  | 13.80% | 0.533% |
| 274    | 17.474 | 17.455 | 17.496 | HH | 20760 | 497183  | 15.25% | 0.589% |
| 275    | 17.521 | 17.496 | 17.545 | HH | 21594 | 619131  | 18.99% | 0.734% |
| 276    | 17.568 | 17.545 | 17.585 | HH | 20805 | 489559  | 15.01% | 0.580% |
| 277    | 17.610 | 17.585 | 17.637 | HH | 21614 | 662692  | 20.32% | 0.786% |
| 278    | 17.666 | 17.637 | 17.686 | HH | 22147 | 629513  | 19.30% | 0.746% |
| 279    | 17.696 | 17.686 | 17.705 | HH | 22129 | 257517  | 7.90%  | 0.305% |
| 280    | 17.831 | 17.705 | 17.871 | HH | 29144 | 2438620 | 74.78% | 2.891% |
| 281    | 17.920 | 17.871 | 17.942 | HH | 28972 | 1143484 | 35.07% | 1.356% |
| 282    | 17.960 | 17.942 | 17.971 | HH | 26912 | 450251  | 13.81% | 0.534% |
| 283    | 18.012 | 17.971 | 18.034 | HH | 28587 | 1046676 | 32.10% | 1.241% |
| 284    | 18.059 | 18.034 | 18.121 | HH | 28731 | 1432111 | 43.92% | 1.698% |
| 285    | 18.162 | 18.121 | 18.172 | HH | 33079 | 935768  | 28.70% | 1.109% |
| 286    | 18.189 | 18.172 | 18.215 | HH | 35421 | 830190  | 25.46% | 0.984% |
| 287    | 18.251 | 18.215 | 18.308 | HH | 42078 | 1864510 | 57.18% | 2.210% |
| 288    | 18.358 | 18.308 | 18.383 | HH | 31255 | 1376163 | 42.20% | 1.631% |
| 289    | 18.404 | 18.383 | 18.451 | HH | 31045 | 1248646 | 38.29% | 1.480% |
| 290    | 18.490 | 18.451 | 18.522 | HH | 37120 | 1398583 | 42.89% | 1.658% |
| 291    | 18.531 | 18.522 | 18.551 | HH | 32285 | 565345  | 17.34% | 0.670% |
| 292    | 18.662 | 18.551 | 18.701 | HH | 38204 | 3049503 | 93.51% | 3.615% |
| 293    | 18.765 | 18.701 | 18.811 | HH | 39165 | 2387672 | 73.22% | 2.830% |
| 294    | 18.829 | 18.811 | 18.846 | HH | 36844 | 752509  | 23.08% | 0.892% |
| 295    | 18.870 | 18.846 | 18.897 | HH | 38351 | 1137740 | 34.89% | 1.349% |
| 296    | 18.931 | 18.897 | 18.941 | HH | 37509 | 979858  | 30.05% | 1.162% |
| 297    | 19.024 | 18.941 | 19.046 | HH | 47596 | 2534752 | 77.73% | 3.005% |
| 298    | 19.064 | 19.046 | 19.108 | HH | 44732 | 1578988 | 48.42% | 1.872% |
| 299    | 19.116 | 19.108 | 19.121 | HH | 40350 | 312216  | 9.57%  | 0.370% |

|     |        |        |        |    |                         |         |          |        |
|-----|--------|--------|--------|----|-------------------------|---------|----------|--------|
|     |        |        |        |    | rters                   |         |          |        |
| 300 | 19.153 | 19.121 | 19.160 | HH | 42048                   | 978262  | 30.00%   | 1.160% |
| 301 | 19.175 | 19.160 | 19.184 | HH | 42635                   | 586756  | 17.99%   | 0.696% |
| 302 | 19.207 | 19.184 | 19.238 | HH | 44295                   | 1414482 | 43.38%   | 1.677% |
| 303 | 19.315 | 19.238 | 19.325 | HH | 44619                   | 2282645 | 70.00%   | 2.706% |
| 304 | 19.362 | 19.325 | 19.398 | HH | 45410                   | 1958530 | 60.06%   | 2.322% |
| 305 | 19.450 | 19.398 | 19.471 | HH | 47779                   | 2002603 | 61.41%   | 2.374% |
| 306 | 19.521 | 19.471 | 19.536 | HH | 48518                   | 1829137 | 56.09%   | 2.168% |
| 307 | 19.562 | 19.536 | 19.587 | HH | 50094                   | 1468651 | 45.04%   | 1.741% |
| 308 | 19.657 | 19.587 | 19.681 | HH | 52469                   | 2850605 | 87.42%   | 3.379% |
| 309 | 19.722 | 19.681 | 19.771 | HH | 53468                   | 2815098 | 86.33%   | 3.337% |
| 310 | 19.818 | 19.771 | 19.845 | HH | 56799                   | 2424100 | 74.34%   | 2.874% |
| 311 | 19.856 | 19.845 | 19.883 | HH | 54263                   | 1227061 | 37.63%   | 1.455% |
| 312 | 19.972 | 19.883 | 19.981 | HH | 57473                   | 3260994 | 100.00%  | 3.866% |
|     |        |        |        |    | Sum of corrected areas: |         | 84356186 |        |

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