

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF050920\  
 Data File : FF006923.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 May 2020 15:06  
 Sample : L2531-07 2X  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF042820.M  
 Title :

Signal : FID2B.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         | 4.343       | 4.302        | 4.370      | BH       | 577            | 2738         | 0.06%          | 0.002%        |
| 2         | 4.387       | 4.370        | 4.404      | PH       | 122            | -1455        | -0.03%         | -0.001%       |
| 3         | 4.416       | 4.404        | 4.430      | PH       | 49             | -1296        | -0.03%         | -0.001%       |
| 4         | 4.449       | 4.430        | 4.474      | PH       | -95            | -4238        | -0.10%         | -0.003%       |
| 5         | 4.494       | 4.474        | 4.528      | PH       | 2762           | 25262        | 0.58%          | 0.020%        |
| 6         | 4.544       | 4.528        | 4.553      | PH       | 460            | 3728         | 0.09%          | 0.003%        |
| 7         | 4.570       | 4.553        | 4.585      | HH       | 857            | 8793         | 0.20%          | 0.007%        |
| 8         | 4.595       | 4.585        | 4.609      | PH       | 183            | 423          | 0.01%          | 0.000%        |
| 9         | 4.624       | 4.609        | 4.667      | PH       | 163            | -3232        | -0.07%         | -0.003%       |
| 10        | 4.672       | 4.667        | 4.684      | PH       | -140           | -2008        | -0.05%         | -0.002%       |
| 11        | 4.694       | 4.684        | 4.709      | PH       | -122           | -3273        | -0.08%         | -0.003%       |
| 12        | 4.723       | 4.709        | 4.737      | PH       | 148            | -1110        | -0.03%         | -0.001%       |
| 13        | 4.750       | 4.737        | 4.788      | PH       | 162            | -3484        | -0.08%         | -0.003%       |
| 14        | 4.813       | 4.788        | 4.842      | PH       | 264            | -2551        | -0.06%         | -0.002%       |
| 15        | 4.866       | 4.842        | 4.887      | PH       | -169           | -7096        | -0.16%         | -0.006%       |
| 16        | 4.892       | 4.887        | 4.911      | PH       | -273           | -4548        | -0.11%         | -0.004%       |
| 17        | 4.927       | 4.911        | 4.931      | PH       | -177           | -3289        | -0.08%         | -0.003%       |
| 18        | 4.948       | 4.931        | 4.963      | PH       | 37             | -2934        | -0.07%         | -0.002%       |
| 19        | 4.985       | 4.963        | 5.007      | PH       | 45             | -3604        | -0.08%         | -0.003%       |
| 20        | 5.033       | 5.007        | 5.047      | PH       | 259            | 134          | 0.00%          | 0.000%        |
| 21        | 5.061       | 5.047        | 5.075      | PH       | 342            | 1319         | 0.03%          | 0.001%        |
| 22        | 5.081       | 5.075        | 5.103      | PH       | 172            | -95          | -0.00%         | -0.000%       |
| 23        | 5.108       | 5.103        | 5.132      | PH       | -109           | -3567        | -0.08%         | -0.003%       |
| 24        | 5.147       | 5.132        | 5.158      | PH       | -38            | -2143        | -0.05%         | -0.002%       |
| 25        | 5.177       | 5.158        | 5.189      | PH       | 385            | 1832         | 0.04%          | 0.001%        |
| 26        | 5.206       | 5.189        | 5.225      | HH       | 244            | 2274         | 0.05%          | 0.002%        |
| 27        | 5.237       | 5.225        | 5.254      | PH       | 288            | 2201         | 0.05%          | 0.002%        |
| 28        | 5.268       | 5.254        | 5.282      | HH       | 493            | 3733         | 0.09%          | 0.003%        |
| 29        | 5.295       | 5.282        | 5.313      | PH       | -7             | -1709        | -0.04%         | -0.001%       |
| 30        | 5.326       | 5.313        | 5.351      | PH       | 30             | -3641        | -0.08%         | -0.003%       |
| 31        | 5.378       | 5.351        | 5.393      | PH       | 1733           | 16005        | 0.37%          | 0.013%        |
| 32        | 5.403       | 5.393        | 5.426      | HH       | 913            | 9650         | 0.22%          | 0.008%        |
| 33        | 5.449       | 5.426        | 5.479      | PH       | 436            | 3946         | 0.09%          | 0.003%        |
| 34        | 5.491       | 5.479        | 5.515      | PH       | 36             | -1932        | -0.04%         | -0.002%       |
| 35        | 5.535       | 5.515        | 5.545      | PH       | -3             | -1431        | -0.03%         | -0.001%       |
| 36        | 5.561       | 5.545        | 5.619      | PH       | 828            | 5681         | 0.13%          | 0.004%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.636 | 5.619 | 5.642 | PH | 349    | 1624   | 0.04% | 0.001% |
| 38 | 5.661 | 5.642 | 5.703 | HH | 1196   | 17655  | 0.41% | 0.014% |
| 39 | 5.716 | 5.703 | 5.734 | PH | 308    | 2588   | 0.06% | 0.002% |
| 40 | 5.754 | 5.734 | 5.790 | PH | 289    | 4384   | 0.10% | 0.003% |
| 41 | 5.797 | 5.790 | 5.814 | HH | 275    | 1788   | 0.04% | 0.001% |
| 42 | 5.832 | 5.814 | 5.852 | PH | 311    | 1664   | 0.04% | 0.001% |
| 43 | 5.880 | 5.852 | 5.908 | PH | 328    | 2695   | 0.06% | 0.002% |
| 44 | 5.933 | 5.908 | 6.005 | PH | 14312  | 225574 | 5.22% | 0.178% |
| 45 | 6.016 | 6.005 | 6.043 | HH | 1269   | 19207  | 0.44% | 0.015% |
| 46 | 6.070 | 6.043 | 6.093 | HH | 1932   | 33620  | 0.78% | 0.027% |
| 47 | 6.101 | 6.093 | 6.129 | HH | 1002   | 15824  | 0.37% | 0.012% |
| 48 | 6.159 | 6.129 | 6.180 | HH | 707    | 17255  | 0.40% | 0.014% |
| 49 | 6.193 | 6.180 | 6.217 | HH | 819    | 13014  | 0.30% | 0.010% |
| 50 | 6.234 | 6.217 | 6.247 | HH | 722    | 10117  | 0.23% | 0.008% |
| 51 | 6.262 | 6.247 | 6.269 | HH | 678    | 7475   | 0.17% | 0.006% |
| 52 | 6.286 | 6.269 | 6.309 | HH | 1072   | 19776  | 0.46% | 0.016% |
| 53 | 6.313 | 6.309 | 6.324 | HH | 670    | 5315   | 0.12% | 0.004% |
| 54 | 6.331 | 6.324 | 6.335 | HH | 661    | 3906   | 0.09% | 0.003% |
| 55 | 6.356 | 6.335 | 6.387 | HH | 2794   | 42313  | 0.98% | 0.033% |
| 56 | 6.390 | 6.387 | 6.406 | HH | 645    | 6497   | 0.15% | 0.005% |
| 57 | 6.411 | 6.406 | 6.430 | HH | 485    | 5876   | 0.14% | 0.005% |
| 58 | 6.446 | 6.430 | 6.458 | HH | 591    | 7802   | 0.18% | 0.006% |
| 59 | 6.480 | 6.458 | 6.487 | HH | 667    | 10439  | 0.24% | 0.008% |
| 60 | 6.504 | 6.487 | 6.524 | HH | 1690   | 23695  | 0.55% | 0.019% |
| 61 | 6.547 | 6.524 | 6.570 | HH | 1028   | 22269  | 0.52% | 0.018% |
| 62 | 6.578 | 6.570 | 6.590 | HH | 559    | 5531   | 0.13% | 0.004% |
| 63 | 6.622 | 6.590 | 6.654 | HH | 1197   | 28891  | 0.67% | 0.023% |
| 64 | 6.685 | 6.654 | 6.704 | HH | 858    | 18116  | 0.42% | 0.014% |
| 65 | 6.708 | 6.704 | 6.727 | HH | 541    | 6517   | 0.15% | 0.005% |
| 66 | 6.759 | 6.727 | 6.780 | HH | 1776   | 29720  | 0.69% | 0.023% |
| 67 | 6.815 | 6.780 | 6.831 | HH | 776    | 21038  | 0.49% | 0.017% |
| 68 | 6.834 | 6.831 | 6.839 | HH | 668    | 2950   | 0.07% | 0.002% |
| 69 | 6.872 | 6.839 | 6.896 | HH | 1535   | 41498  | 0.96% | 0.033% |
| 70 | 6.915 | 6.896 | 6.941 | HH | 1719   | 32859  | 0.76% | 0.026% |
| 71 | 6.958 | 6.941 | 6.972 | HH | 1291   | 19997  | 0.46% | 0.016% |
| 72 | 6.990 | 6.972 | 7.004 | HH | 2861   | 40308  | 0.93% | 0.032% |
| 73 | 7.012 | 7.004 | 7.039 | HH | 2224   | 35648  | 0.82% | 0.028% |
| 74 | 7.057 | 7.039 | 7.096 | HH | 2720   | 61224  | 1.42% | 0.048% |
| 75 | 7.118 | 7.096 | 7.142 | HH | 3623   | 67614  | 1.56% | 0.053% |
| 76 | 7.155 | 7.142 | 7.180 | HH | 2099   | 39279  | 0.91% | 0.031% |
| 77 | 7.194 | 7.180 | 7.219 | HH | 1613   | 33696  | 0.78% | 0.027% |
| 78 | 7.234 | 7.219 | 7.246 | HH | 1306   | 20460  | 0.47% | 0.016% |
| 79 | 7.278 | 7.246 | 7.294 | HH | 4597   | 82328  | 1.90% | 0.065% |
| 80 | 7.311 | 7.294 | 7.403 | HH | 12010  | 287845 | 6.66% | 0.227% |
| 81 | 7.407 | 7.403 | 7.424 | HH | 1913   | 22236  | 0.51% | 0.018% |
| 82 | 7.453 | 7.424 | 7.475 | HH | 2798   | 63291  | 1.46% | 0.050% |
| 83 | 7.490 | 7.475 | 7.512 | HH | 2642   | 47755  | 1.10% | 0.038% |
| 84 | 7.526 | 7.512 | 7.555 | HH | 2324   | 45410  | 1.05% | 0.036% |
| 85 | 7.570 | 7.555 | 7.583 | HH | 1752   | 26112  | 0.60% | 0.021% |
| 86 | 7.614 | 7.583 | 7.626 | HH | 1646   | 38778  | 0.90% | 0.031% |
| 87 | 7.657 | 7.626 | 7.688 | HH | 1907   | 55520  | 1.28% | 0.044% |
| 88 | 7.711 | 7.688 | 7.719 | HH | 2295   | 34663  | 0.80% | 0.027% |
| 89 | 7.728 | 7.719 | 7.742 | HH | 2321   | 30090  | 0.70% | 0.024% |

|     |       |       |       |    |        |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 90  | 7.753 | 7.742 | 7.771 | HH | 2193   | 33105  | 0.77%  | 0.026% |
| 91  | 7.795 | 7.771 | 7.822 | HH | 2177   | 51286  | 1.19%  | 0.040% |
| 92  | 7.843 | 7.822 | 7.859 | HH | 2398   | 42646  | 0.99%  | 0.034% |
| 93  | 7.884 | 7.859 | 7.942 | HH | 2852   | 107476 | 2.49%  | 0.085% |
| 94  | 7.966 | 7.942 | 7.990 | HH | 4059   | 79455  | 1.84%  | 0.063% |
| 95  | 7.994 | 7.990 | 7.998 | HH | 2229   | 11017  | 0.25%  | 0.009% |
| 96  | 8.021 | 7.998 | 8.039 | HH | 2549   | 56778  | 1.31%  | 0.045% |
| 97  | 8.055 | 8.039 | 8.064 | HH | 2602   | 36725  | 0.85%  | 0.029% |
| 98  | 8.080 | 8.064 | 8.087 | HH | 3814   | 43559  | 1.01%  | 0.034% |
| 99  | 8.113 | 8.087 | 8.136 | HH | 69827  | 894799 | 20.70% | 0.706% |
| 100 | 8.145 | 8.136 | 8.177 | HH | 8577   | 129929 | 3.01%  | 0.103% |
| 101 | 8.210 | 8.177 | 8.247 | HH | 32774  | 466700 | 10.80% | 0.368% |
| 102 | 8.262 | 8.247 | 8.290 | HH | 6166   | 124395 | 2.88%  | 0.098% |
| 103 | 8.294 | 8.290 | 8.324 | HH | 3668   | 67147  | 1.55%  | 0.053% |
| 104 | 8.333 | 8.324 | 8.348 | HH | 2806   | 39261  | 0.91%  | 0.031% |
| 105 | 8.369 | 8.348 | 8.412 | HH | 3125   | 97542  | 2.26%  | 0.077% |
| 106 | 8.421 | 8.412 | 8.430 | HH | 2302   | 24445  | 0.57%  | 0.019% |
| 107 | 8.434 | 8.430 | 8.456 | HH | 2259   | 31275  | 0.72%  | 0.025% |
| 108 | 8.474 | 8.456 | 8.484 | HH | 1957   | 31138  | 0.72%  | 0.025% |
| 109 | 8.557 | 8.484 | 8.582 | HH | 7253   | 201307 | 4.66%  | 0.159% |
| 110 | 8.598 | 8.582 | 8.619 | HH | 3730   | 77758  | 1.80%  | 0.061% |
| 111 | 8.632 | 8.619 | 8.656 | HH | 3659   | 71334  | 1.65%  | 0.056% |
| 112 | 8.678 | 8.656 | 8.706 | HH | 5756   | 115574 | 2.67%  | 0.091% |
| 113 | 8.733 | 8.706 | 8.752 | HH | 3220   | 76947  | 1.78%  | 0.061% |
| 114 | 8.757 | 8.752 | 8.775 | HH | 2707   | 35757  | 0.83%  | 0.028% |
| 115 | 8.794 | 8.775 | 8.815 | HH | 3355   | 69099  | 1.60%  | 0.055% |
| 116 | 8.836 | 8.815 | 8.865 | HH | 4198   | 104922 | 2.43%  | 0.083% |
| 117 | 8.888 | 8.865 | 8.932 | HH | 3796   | 136430 | 3.16%  | 0.108% |
| 118 | 8.939 | 8.932 | 8.943 | HH | 2999   | 18748  | 0.43%  | 0.015% |
| 119 | 8.966 | 8.943 | 8.977 | HH | 9364   | 127674 | 2.95%  | 0.101% |
| 120 | 8.989 | 8.977 | 9.035 | HH | 10265  | 189979 | 4.40%  | 0.150% |
| 121 | 9.049 | 9.035 | 9.080 | HH | 3205   | 75083  | 1.74%  | 0.059% |
| 122 | 9.119 | 9.080 | 9.142 | HH | 3453   | 101980 | 2.36%  | 0.080% |
| 123 | 9.168 | 9.142 | 9.183 | HH | 3326   | 70146  | 1.62%  | 0.055% |
| 124 | 9.200 | 9.183 | 9.228 | HH | 3086   | 74682  | 1.73%  | 0.059% |
| 125 | 9.254 | 9.228 | 9.285 | HH | 3366   | 98497  | 2.28%  | 0.078% |
| 126 | 9.306 | 9.285 | 9.319 | HH | 3721   | 64426  | 1.49%  | 0.051% |
| 127 | 9.344 | 9.319 | 9.374 | HH | 8638   | 192177 | 4.45%  | 0.152% |
| 128 | 9.379 | 9.374 | 9.397 | HH | 4278   | 54462  | 1.26%  | 0.043% |
| 129 | 9.418 | 9.397 | 9.449 | HH | 4930   | 124898 | 2.89%  | 0.099% |
| 130 | 9.465 | 9.449 | 9.481 | HH | 4061   | 69546  | 1.61%  | 0.055% |
| 131 | 9.495 | 9.481 | 9.507 | HH | 3927   | 58593  | 1.36%  | 0.046% |
| 132 | 9.520 | 9.507 | 9.547 | HH | 4354   | 88735  | 2.05%  | 0.070% |
| 133 | 9.552 | 9.547 | 9.557 | HH | 3190   | 18973  | 0.44%  | 0.015% |
| 134 | 9.575 | 9.557 | 9.604 | HH | 3757   | 92328  | 2.14%  | 0.073% |
| 135 | 9.621 | 9.604 | 9.637 | HH | 3066   | 60339  | 1.40%  | 0.048% |
| 136 | 9.668 | 9.637 | 9.675 | HH | 4397   | 85775  | 1.98%  | 0.068% |
| 137 | 9.683 | 9.675 | 9.722 | HH | 4425   | 111452 | 2.58%  | 0.088% |
| 138 | 9.741 | 9.722 | 9.766 | HH | 10614  | 170806 | 3.95%  | 0.135% |
| 139 | 9.772 | 9.766 | 9.800 | HH | 4065   | 74584  | 1.73%  | 0.059% |
| 140 | 9.847 | 9.800 | 9.865 | HH | 3827   | 140312 | 3.25%  | 0.111% |
| 141 | 9.889 | 9.865 | 9.954 | HH | 7962   | 224210 | 5.19%  | 0.177% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 142 | 9.955  | 9.954  | 9.961  | HH | 3041   | 12868  | 0.30%  | 0.010% |
| 143 | 9.971  | 9.961  | 9.984  | HH | 3076   | 41557  | 0.96%  | 0.033% |
| 144 | 10.015 | 9.984  | 10.044 | HH | 3333   | 110120 | 2.55%  | 0.087% |
| 145 | 10.086 | 10.044 | 10.102 | HH | 4270   | 127323 | 2.95%  | 0.101% |
| 146 | 10.127 | 10.102 | 10.154 | HH | 6834   | 153340 | 3.55%  | 0.121% |
| 147 | 10.184 | 10.154 | 10.197 | HH | 4770   | 108304 | 2.51%  | 0.085% |
| 148 | 10.218 | 10.197 | 10.244 | HH | 5289   | 126177 | 2.92%  | 0.100% |
| 149 | 10.270 | 10.244 | 10.307 | HH | 5480   | 162307 | 3.76%  | 0.128% |
| 150 | 10.336 | 10.307 | 10.360 | HH | 4469   | 126934 | 2.94%  | 0.100% |
| 151 | 10.392 | 10.360 | 10.422 | HH | 4624   | 157818 | 3.65%  | 0.125% |
| 152 | 10.436 | 10.422 | 10.444 | HH | 4435   | 55614  | 1.29%  | 0.044% |
| 153 | 10.477 | 10.444 | 10.520 | HH | 11637  | 278705 | 6.45%  | 0.220% |
| 154 | 10.548 | 10.520 | 10.592 | HH | 8920   | 252528 | 5.84%  | 0.199% |
| 155 | 10.598 | 10.592 | 10.629 | HH | 4581   | 92981  | 2.15%  | 0.073% |
| 156 | 10.644 | 10.629 | 10.663 | HH | 4324   | 83132  | 1.92%  | 0.066% |
| 157 | 10.696 | 10.663 | 10.717 | HH | 4591   | 136507 | 3.16%  | 0.108% |
| 158 | 10.745 | 10.717 | 10.803 | HH | 18253  | 473990 | 10.97% | 0.374% |
| 159 | 10.824 | 10.803 | 10.857 | HH | 8140   | 214008 | 4.95%  | 0.169% |
| 160 | 10.865 | 10.857 | 10.915 | HH | 6141   | 187254 | 4.33%  | 0.148% |
| 161 | 10.928 | 10.915 | 10.947 | HH | 5347   | 94377  | 2.18%  | 0.074% |
| 162 | 10.950 | 10.947 | 10.967 | HH | 4729   | 52793  | 1.22%  | 0.042% |
| 163 | 10.981 | 10.967 | 11.013 | HH | 4937   | 125984 | 2.92%  | 0.099% |
| 164 | 11.057 | 11.013 | 11.078 | HH | 5214   | 186786 | 4.32%  | 0.147% |
| 165 | 11.112 | 11.078 | 11.123 | HH | 5506   | 143160 | 3.31%  | 0.113% |
| 166 | 11.144 | 11.123 | 11.150 | HH | 5430   | 85962  | 1.99%  | 0.068% |
| 167 | 11.178 | 11.150 | 11.239 | HH | 12276  | 352767 | 8.16%  | 0.278% |
| 168 | 11.267 | 11.239 | 11.317 | HH | 9547   | 293042 | 6.78%  | 0.231% |
| 169 | 11.337 | 11.317 | 11.352 | HH | 5531   | 109274 | 2.53%  | 0.086% |
| 170 | 11.374 | 11.352 | 11.388 | HH | 5558   | 113381 | 2.62%  | 0.089% |
| 171 | 11.397 | 11.388 | 11.409 | HH | 5578   | 70220  | 1.62%  | 0.055% |
| 172 | 11.424 | 11.409 | 11.440 | HH | 5704   | 101247 | 2.34%  | 0.080% |
| 173 | 11.472 | 11.440 | 11.490 | HH | 6099   | 174752 | 4.04%  | 0.138% |
| 174 | 11.496 | 11.490 | 11.512 | HH | 6090   | 73711  | 1.71%  | 0.058% |
| 175 | 11.545 | 11.512 | 11.560 | HH | 7907   | 196790 | 4.55%  | 0.155% |
| 176 | 11.577 | 11.560 | 11.590 | HH | 8126   | 136884 | 3.17%  | 0.108% |
| 177 | 11.594 | 11.590 | 11.633 | HH | 7567   | 175805 | 4.07%  | 0.139% |
| 178 | 11.658 | 11.633 | 11.674 | HH | 9329   | 189826 | 4.39%  | 0.150% |
| 179 | 11.687 | 11.674 | 11.709 | HH | 7818   | 152945 | 3.54%  | 0.121% |
| 180 | 11.726 | 11.709 | 11.763 | HH | 8034   | 222780 | 5.15%  | 0.176% |
| 181 | 11.787 | 11.763 | 11.803 | HH | 6649   | 151723 | 3.51%  | 0.120% |
| 182 | 11.845 | 11.803 | 11.874 | HH | 13335  | 369572 | 8.55%  | 0.292% |
| 183 | 11.888 | 11.874 | 11.904 | HH | 7129   | 127391 | 2.95%  | 0.101% |
| 184 | 11.942 | 11.904 | 12.002 | HH | 13776  | 552077 | 12.77% | 0.436% |
| 185 | 12.016 | 12.002 | 12.033 | HH | 9187   | 162650 | 3.76%  | 0.128% |
| 186 | 12.040 | 12.033 | 12.057 | HH | 8482   | 116721 | 2.70%  | 0.092% |
| 187 | 12.100 | 12.057 | 12.147 | HH | 21634  | 609867 | 14.11% | 0.481% |
| 188 | 12.153 | 12.147 | 12.172 | HH | 8707   | 127147 | 2.94%  | 0.100% |
| 189 | 12.187 | 12.172 | 12.191 | HH | 8416   | 94613  | 2.19%  | 0.075% |
| 190 | 12.220 | 12.191 | 12.256 | HH | 10438  | 357700 | 8.28%  | 0.282% |
| 191 | 12.268 | 12.256 | 12.285 | HH | 9045   | 157767 | 3.65%  | 0.125% |
| 192 | 12.309 | 12.285 | 12.320 | HH | 9223   | 186702 | 4.32%  | 0.147% |
| 193 | 12.334 | 12.320 | 12.369 | HH | 9817   | 268717 | 6.22%  | 0.212% |
| 194 | 12.386 | 12.369 | 12.393 | HH | 9116   | 127985 | 2.96%  | 0.101% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.442 | 12.393 | 12.461 | HH | 12777  | 437194  | 10.12% | 0.345% |
| 196 | 12.483 | 12.461 | 12.535 | HH | 17117  | 543397  | 12.57% | 0.429% |
| 197 | 12.561 | 12.535 | 12.618 | HH | 24935  | 702481  | 16.25% | 0.555% |
| 198 | 12.633 | 12.618 | 12.640 | HH | 10223  | 135198  | 3.13%  | 0.107% |
| 199 | 12.686 | 12.640 | 12.693 | HH | 11083  | 326342  | 7.55%  | 0.258% |
| 200 | 12.706 | 12.693 | 12.727 | HH | 11195  | 226422  | 5.24%  | 0.179% |
| 201 | 12.748 | 12.727 | 12.770 | HH | 12043  | 298408  | 6.90%  | 0.236% |
| 202 | 12.802 | 12.770 | 12.830 | HH | 12017  | 409256  | 9.47%  | 0.323% |
| 203 | 12.858 | 12.830 | 12.933 | HH | 23775  | 958651  | 22.18% | 0.757% |
| 204 | 12.964 | 12.933 | 13.002 | HH | 14445  | 569005  | 13.17% | 0.449% |
| 205 | 13.005 | 13.002 | 13.015 | HH | 12976  | 103081  | 2.39%  | 0.081% |
| 206 | 13.037 | 13.015 | 13.054 | HH | 14064  | 316467  | 7.32%  | 0.250% |
| 207 | 13.095 | 13.054 | 13.115 | HH | 19938  | 579652  | 13.41% | 0.458% |
| 208 | 13.139 | 13.115 | 13.145 | HH | 16353  | 275841  | 6.38%  | 0.218% |
| 209 | 13.156 | 13.145 | 13.171 | HH | 16963  | 255112  | 5.90%  | 0.201% |
| 210 | 13.206 | 13.171 | 13.234 | HH | 17204  | 595159  | 13.77% | 0.470% |
| 211 | 13.263 | 13.234 | 13.284 | HH | 15390  | 459764  | 10.64% | 0.363% |
| 212 | 13.289 | 13.284 | 13.294 | HH | 15226  | 84055   | 1.94%  | 0.066% |
| 213 | 13.322 | 13.294 | 13.344 | HH | 17734  | 496181  | 11.48% | 0.392% |
| 214 | 13.363 | 13.344 | 13.379 | HH | 16843  | 350631  | 8.11%  | 0.277% |
| 215 | 13.400 | 13.379 | 13.415 | HH | 16739  | 347822  | 8.05%  | 0.275% |
| 216 | 13.450 | 13.415 | 13.466 | HH | 20001  | 553189  | 12.80% | 0.437% |
| 217 | 13.483 | 13.466 | 13.497 | HH | 19159  | 348651  | 8.07%  | 0.275% |
| 218 | 13.515 | 13.497 | 13.524 | HH | 18502  | 290012  | 6.71%  | 0.229% |
| 219 | 13.556 | 13.524 | 13.583 | HH | 21002  | 684420  | 15.84% | 0.540% |
| 220 | 13.599 | 13.583 | 13.604 | HH | 20352  | 250408  | 5.79%  | 0.198% |
| 221 | 13.628 | 13.604 | 13.654 | HH | 22161  | 616374  | 14.26% | 0.487% |
| 222 | 13.679 | 13.654 | 13.719 | HH | 30159  | 933376  | 21.60% | 0.737% |
| 223 | 13.724 | 13.719 | 13.750 | HH | 22601  | 406077  | 9.40%  | 0.321% |
| 224 | 13.765 | 13.750 | 13.782 | HH | 21493  | 398078  | 9.21%  | 0.314% |
| 225 | 13.832 | 13.782 | 13.866 | HH | 22181  | 1075065 | 24.88% | 0.849% |
| 226 | 13.895 | 13.866 | 13.930 | HH | 23402  | 862226  | 19.95% | 0.681% |
| 227 | 13.950 | 13.930 | 13.962 | HH | 23267  | 432175  | 10.00% | 0.341% |
| 228 | 13.981 | 13.962 | 14.014 | HH | 24023  | 721716  | 16.70% | 0.570% |
| 229 | 14.041 | 14.014 | 14.048 | HH | 24908  | 489007  | 11.31% | 0.386% |
| 230 | 14.074 | 14.048 | 14.079 | HH | 26156  | 481221  | 11.13% | 0.380% |
| 231 | 14.090 | 14.079 | 14.125 | HH | 27232  | 714354  | 16.53% | 0.564% |
| 232 | 14.145 | 14.125 | 14.159 | HH | 27059  | 533730  | 12.35% | 0.421% |
| 233 | 14.186 | 14.159 | 14.214 | HH | 31322  | 939373  | 21.74% | 0.741% |
| 234 | 14.241 | 14.214 | 14.263 | HH | 35713  | 899168  | 20.81% | 0.710% |
| 235 | 14.269 | 14.263 | 14.273 | HH | 28554  | 159227  | 3.68%  | 0.126% |
| 236 | 14.303 | 14.273 | 14.342 | HH | 32728  | 1267211 | 29.32% | 1.000% |
| 237 | 14.363 | 14.342 | 14.385 | HH | 32163  | 795676  | 18.41% | 0.628% |
| 238 | 14.390 | 14.385 | 14.400 | HH | 29615  | 261638  | 6.05%  | 0.207% |
| 239 | 14.430 | 14.400 | 14.448 | HH | 30819  | 865767  | 20.03% | 0.683% |
| 240 | 14.459 | 14.448 | 14.470 | HH | 30872  | 405422  | 9.38%  | 0.320% |
| 241 | 14.497 | 14.470 | 14.508 | HH | 33055  | 724062  | 16.75% | 0.572% |
| 242 | 14.513 | 14.508 | 14.530 | HH | 32111  | 413288  | 9.56%  | 0.326% |
| 243 | 14.542 | 14.530 | 14.547 | HH | 32843  | 328031  | 7.59%  | 0.259% |
| 244 | 14.575 | 14.547 | 14.610 | HH | 100035 | 2155613 | 49.88% | 1.702% |
| 245 | 14.637 | 14.610 | 14.648 | HH | 34570  | 765836  | 17.72% | 0.605% |
| 246 | 14.670 | 14.648 | 14.680 | HH | 34476  | 664495  | 15.38% | 0.525% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 14.710 | 14.680 | 14.719 | HH | 35845  | 803697  | 18.60% | 0.634% |
| 248    | 14.741 | 14.719 | 14.757 | HH | 42403  | 892632  | 20.65% | 0.705% |
| 249    | 14.777 | 14.757 | 14.809 | HH | 55720  | 1390171 | 32.17% | 1.097% |
| 250    | 14.822 | 14.809 | 14.842 | HH | 38896  | 733224  | 16.97% | 0.579% |
| 251    | 14.875 | 14.842 | 14.891 | HH | 40287  | 1152747 | 26.67% | 0.910% |
| 252    | 14.902 | 14.891 | 14.912 | HH | 40258  | 494382  | 11.44% | 0.390% |
| 253    | 14.921 | 14.912 | 14.928 | HH | 40580  | 374161  | 8.66%  | 0.295% |
| 254    | 14.938 | 14.928 | 14.950 | HH | 41200  | 554609  | 12.83% | 0.438% |
| 255    | 14.961 | 14.950 | 14.968 | HH | 40793  | 412469  | 9.54%  | 0.326% |
| 256    | 14.977 | 14.968 | 14.996 | HH | 40435  | 680031  | 15.73% | 0.537% |
| 257    | 15.002 | 14.996 | 15.011 | HH | 39342  | 342244  | 7.92%  | 0.270% |
| 258    | 15.056 | 15.011 | 15.069 | HH | 42232  | 1425561 | 32.99% | 1.125% |
| 259    | 15.097 | 15.069 | 15.103 | HH | 43564  | 871128  | 20.16% | 0.688% |
| 260    | 15.108 | 15.103 | 15.130 | HH | 43771  | 697313  | 16.13% | 0.550% |
| 261    | 15.160 | 15.130 | 15.187 | HH | 62123  | 1717998 | 39.75% | 1.356% |
| 262    | 15.208 | 15.187 | 15.232 | HH | 47256  | 1250508 | 28.93% | 0.987% |
| 263    | 15.240 | 15.232 | 15.252 | HH | 45500  | 541202  | 12.52% | 0.427% |
| 264    | 15.256 | 15.252 | 15.270 | HH | 45093  | 488488  | 11.30% | 0.386% |
| 265    | 15.297 | 15.270 | 15.338 | HH | 61899  | 2093192 | 48.43% | 1.652% |
| 266    | 15.370 | 15.338 | 15.386 | HH | 50577  | 1405838 | 32.53% | 1.110% |
| 267    | 15.411 | 15.386 | 15.421 | HH | 53068  | 1070440 | 24.77% | 0.845% |
| 268    | 15.437 | 15.421 | 15.467 | HH | 53930  | 1431784 | 33.13% | 1.130% |
| 269    | 15.487 | 15.467 | 15.492 | HH | 51397  | 749975  | 17.35% | 0.592% |
| 270    | 15.517 | 15.492 | 15.533 | HH | 52989  | 1271386 | 29.42% | 1.004% |
| 271    | 15.560 | 15.533 | 15.573 | HH | 56980  | 1324338 | 30.64% | 1.045% |
| 272    | 15.581 | 15.573 | 15.590 | HH | 55316  | 569716  | 13.18% | 0.450% |
| 273    | 15.618 | 15.590 | 15.629 | HH | 56813  | 1291471 | 29.88% | 1.019% |
| 274    | 15.643 | 15.629 | 15.650 | HH | 56414  | 717111  | 16.59% | 0.566% |
| 275    | 15.667 | 15.650 | 15.681 | HH | 56881  | 1028757 | 23.80% | 0.812% |
| 276    | 15.699 | 15.681 | 15.707 | HH | 58585  | 916907  | 21.22% | 0.724% |
| 277    | 15.714 | 15.707 | 15.736 | HH | 59064  | 1006015 | 23.28% | 0.794% |
| 278    | 15.796 | 15.736 | 15.819 | HH | 85252  | 3332118 | 77.10% | 2.630% |
| 279    | 15.835 | 15.819 | 15.851 | HH | 66268  | 1238364 | 28.65% | 0.977% |
| 280    | 15.863 | 15.851 | 15.872 | HH | 65132  | 813938  | 18.83% | 0.642% |
| 281    | 15.878 | 15.872 | 15.907 | HH | 65583  | 1327906 | 30.73% | 1.048% |
| 282    | 15.918 | 15.907 | 15.932 | HH | 64309  | 959392  | 22.20% | 0.757% |
| 283    | 15.942 | 15.932 | 15.949 | HH | 64915  | 644008  | 14.90% | 0.508% |
| 284    | 15.951 | 15.949 | 15.957 | HH | 65089  | 309265  | 7.16%  | 0.244% |
| 285    | 15.994 | 15.957 | 16.036 | HH | 71645  | 3242971 | 75.04% | 2.560% |
| 286    | 16.045 | 16.036 | 16.051 | HH | 69509  | 649044  | 15.02% | 0.512% |
| 287    | 16.091 | 16.051 | 16.102 | HH | 77026  | 2240065 | 51.83% | 1.768% |
| 288    | 16.108 | 16.102 | 16.130 | HH | 75333  | 1237801 | 28.64% | 0.977% |
| 289    | 16.153 | 16.130 | 16.160 | HH | 75552  | 1325716 | 30.67% | 1.046% |
| 290    | 16.166 | 16.160 | 16.184 | HH | 75736  | 1080674 | 25.00% | 0.853% |
| 291    | 16.206 | 16.184 | 16.214 | HH | 76636  | 1330289 | 30.78% | 1.050% |
| 292    | 16.217 | 16.214 | 16.230 | HH | 76576  | 751161  | 17.38% | 0.593% |
| 293    | 16.249 | 16.230 | 16.255 | HH | 78078  | 1136447 | 26.30% | 0.897% |
| 294    | 16.279 | 16.255 | 16.315 | HH | 108884 | 3361311 | 77.78% | 2.653% |
| 295    | 16.326 | 16.315 | 16.347 | HH | 84167  | 1554750 | 35.97% | 1.227% |
| 296    | 16.353 | 16.347 | 16.357 | HH | 82218  | 501972  | 11.61% | 0.396% |
| 297    | 16.359 | 16.357 | 16.362 | HH | 82846  | 251875  | 5.83%  | 0.199% |
| 298    | 16.376 | 16.362 | 16.396 | HH | 86184  | 1725317 | 39.92% | 1.362% |
| 299    | 16.421 | 16.396 | 16.445 | HH | 90973  | 2605416 | 60.28% | 2.057% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rters   |           |        |
| 300 | 16.456 | 16.445 | 16.470 | HH  | 89422                   | 1313843 | 30.40%    | 1.037% |
| 301 | 16.491 | 16.470 | 16.512 | HH  | 96370                   | 2315767 | 53.58%    | 1.828% |
| 302 | 16.517 | 16.512 | 16.529 | HH  | 89273                   | 867425  | 20.07%    | 0.685% |
| 303 | 16.546 | 16.529 | 16.550 | HH  | 90724                   | 1158682 | 26.81%    | 0.915% |
| 304 | 16.580 | 16.550 | 16.589 | HH  | 94618                   | 2130610 | 49.30%    | 1.682% |
| 305 | 16.592 | 16.589 | 16.600 | HH  | 93863                   | 623407  | 14.42%    | 0.492% |
| 306 | 16.622 | 16.600 | 16.646 | HH  | 101445                  | 2684249 | 62.11%    | 2.119% |
| 307 | 16.650 | 16.646 | 16.665 | HH  | 93573                   | 1064018 | 24.62%    | 0.840% |
| 308 | 16.679 | 16.665 | 16.688 | HH  | 100362                  | 1334953 | 30.89%    | 1.054% |
| 309 | 16.692 | 16.688 | 16.701 | HH  | 98718                   | 762608  | 17.65%    | 0.602% |
| 310 | 16.745 | 16.701 | 16.765 | HH  | 136233                  | 4321831 | 100.00%   | 3.411% |
| 311 | 16.770 | 16.765 | 16.780 | HHA | 111481                  | 1083763 | 25.08%    | 0.855% |
|     |        |        |        |     | Sum of corrected areas: |         | 126687077 |        |

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