

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120120\  
 Data File : FE033193.D  
 Signal(s) : FID1B.CH  
 Acq On : 01 Dec 2020 14:51  
 Sample : L4900-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE113020.M  
 Title :

Signal : FID1B.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         | 4.350       | 4.322        | 4.372      | BH       | 2443           | 21449        | 0.23%          | 0.011%        |
| 2         | 4.377       | 4.372        | 4.386      | PH       | -254           | -3090        | -0.03%         | -0.002%       |
| 3         | 4.392       | 4.386        | 4.416      | PH       | -324           | -8067        | -0.09%         | -0.004%       |
| 4         | 4.431       | 4.416        | 4.476      | PH       | -270           | -29535       | -0.31%         | -0.015%       |
| 5         | 4.508       | 4.476        | 4.556      | PH       | 5003           | 62528        | 0.67%          | 0.032%        |
| 6         | 4.567       | 4.556        | 4.582      | PH       | 598            | 2269         | 0.02%          | 0.001%        |
| 7         | 4.598       | 4.582        | 4.615      | PH       | 2567           | 17129        | 0.18%          | 0.009%        |
| 8         | 4.626       | 4.615        | 4.644      | PH       | 539            | -1439        | -0.02%         | -0.001%       |
| 9         | 4.648       | 4.644        | 4.702      | PH       | -526           | -40612       | -0.43%         | -0.021%       |
| 10        | 4.717       | 4.702        | 4.730      | PH       | -1168          | -23742       | -0.25%         | -0.012%       |
| 11        | 4.749       | 4.730        | 4.789      | PH       | -657           | -46792       | -0.50%         | -0.024%       |
| 12        | 4.813       | 4.789        | 4.844      | PH       | 2019           | -13415       | -0.14%         | -0.007%       |
| 13        | 4.864       | 4.844        | 4.874      | PH       | -1355          | -26768       | -0.28%         | -0.014%       |
| 14        | 4.879       | 4.874        | 4.884      | PH       | -1544          | -9323        | -0.10%         | -0.005%       |
| 15        | 4.892       | 4.884        | 4.929      | PH       | -1446          | -47307       | -0.50%         | -0.024%       |
| 16        | 4.950       | 4.929        | 4.973      | PH       | -741           | -31668       | -0.34%         | -0.016%       |
| 17        | 4.983       | 4.973        | 5.006      | PH       | -1019          | -25408       | -0.27%         | -0.013%       |
| 18        | 5.025       | 5.006        | 5.043      | PH       | -8             | -14679       | -0.16%         | -0.007%       |
| 19        | 5.053       | 5.043        | 5.066      | PH       | -497           | -10555       | -0.11%         | -0.005%       |
| 20        | 5.082       | 5.066        | 5.123      | PH       | -134           | -30621       | -0.33%         | -0.016%       |
| 21        | 5.134       | 5.123        | 5.159      | PH       | -1298          | -31443       | -0.33%         | -0.016%       |
| 22        | 5.177       | 5.159        | 5.192      | PH       | -802           | -23927       | -0.25%         | -0.012%       |
| 23        | 5.237       | 5.192        | 5.244      | PH       | -402           | -27693       | -0.29%         | -0.014%       |
| 24        | 5.262       | 5.244        | 5.283      | PH       | -30            | -10539       | -0.11%         | -0.005%       |
| 25        | 5.297       | 5.283        | 5.317      | PH       | -766           | -20218       | -0.22%         | -0.010%       |
| 26        | 5.335       | 5.317        | 5.345      | PH       | -1164          | -20844       | -0.22%         | -0.011%       |
| 27        | 5.354       | 5.345        | 5.361      | PH       | -1248          | -13108       | -0.14%         | -0.007%       |
| 28        | 5.380       | 5.361        | 5.390      | PH       | 1877           | 10461        | 0.11%          | 0.005%        |
| 29        | 5.396       | 5.390        | 5.439      | HH       | 1590           | -7084        | -0.08%         | -0.004%       |
| 30        | 5.450       | 5.439        | 5.453      | PH       | -1134          | -10240       | -0.11%         | -0.005%       |
| 31        | 5.470       | 5.453        | 5.487      | PH       | -768           | -20260       | -0.22%         | -0.010%       |
| 32        | 5.500       | 5.487        | 5.528      | PH       | -844           | -28196       | -0.30%         | -0.014%       |
| 33        | 5.555       | 5.528        | 5.597      | PH       | 2160           | 854          | 0.01%          | 0.000%        |
| 34        | 5.634       | 5.597        | 5.644      | PH       | -485           | -21673       | -0.23%         | -0.011%       |
| 35        | 5.667       | 5.644        | 5.702      | PH       | 1743           | 5662         | 0.06%          | 0.003%        |
| 36        | 5.722       | 5.702        | 5.741      | PH       | -629           | -21312       | -0.23%         | -0.011%       |

|    |       |       |       |    | rteres |         |        |         |
|----|-------|-------|-------|----|--------|---------|--------|---------|
| 37 | 5.770 | 5.741 | 5.804 | PH | -185   | -32689  | -0.35% | -0.017% |
| 38 | 5.830 | 5.804 | 5.857 | PH | -535   | -32409  | -0.34% | -0.016% |
| 39 | 5.882 | 5.857 | 5.905 | PH | -224   | -21613  | -0.23% | -0.011% |
| 40 | 5.932 | 5.905 | 6.004 | PH | 82155  | 1346215 | 14.32% | 0.685%  |
| 41 | 6.013 | 6.004 | 6.050 | HH | 6569   | 126103  | 1.34%  | 0.064%  |
| 42 | 6.072 | 6.050 | 6.128 | HH | 11089  | 180453  | 1.92%  | 0.092%  |
| 43 | 6.145 | 6.128 | 6.178 | HH | 2326   | 45878   | 0.49%  | 0.023%  |
| 44 | 6.190 | 6.178 | 6.214 | HH | 801    | 11027   | 0.12%  | 0.006%  |
| 45 | 6.231 | 6.214 | 6.246 | PH | 914    | 10469   | 0.11%  | 0.005%  |
| 46 | 6.265 | 6.246 | 6.292 | HH | 2110   | 31120   | 0.33%  | 0.016%  |
| 47 | 6.304 | 6.292 | 6.312 | HH | 675    | 5603    | 0.06%  | 0.003%  |
| 48 | 6.323 | 6.312 | 6.335 | HH | 714    | 6221    | 0.07%  | 0.003%  |
| 49 | 6.354 | 6.335 | 6.410 | HH | 6105   | 94637   | 1.01%  | 0.048%  |
| 50 | 6.446 | 6.410 | 6.456 | HH | 1466   | 22992   | 0.24%  | 0.012%  |
| 51 | 6.501 | 6.456 | 6.530 | HH | 6158   | 109782  | 1.17%  | 0.056%  |
| 52 | 6.539 | 6.530 | 6.561 | HH | 1653   | 22865   | 0.24%  | 0.012%  |
| 53 | 6.579 | 6.561 | 6.595 | HH | 994    | 14984   | 0.16%  | 0.008%  |
| 54 | 6.609 | 6.595 | 6.616 | HH | 637    | 6155    | 0.07%  | 0.003%  |
| 55 | 6.643 | 6.616 | 6.659 | HH | 2545   | 38287   | 0.41%  | 0.019%  |
| 56 | 6.672 | 6.659 | 6.698 | HH | 2167   | 27807   | 0.30%  | 0.014%  |
| 57 | 6.709 | 6.698 | 6.720 | HH | 466    | 3749    | 0.04%  | 0.002%  |
| 58 | 6.736 | 6.720 | 6.746 | HH | 1161   | 12567   | 0.13%  | 0.006%  |
| 59 | 6.754 | 6.746 | 6.772 | HH | 1169   | 12869   | 0.14%  | 0.007%  |
| 60 | 6.784 | 6.772 | 6.788 | HH | 552    | 4890    | 0.05%  | 0.002%  |
| 61 | 6.812 | 6.788 | 6.825 | HH | 736    | 12409   | 0.13%  | 0.006%  |
| 62 | 6.849 | 6.825 | 6.856 | HH | 995    | 13955   | 0.15%  | 0.007%  |
| 63 | 6.871 | 6.856 | 6.881 | HH | 1507   | 18055   | 0.19%  | 0.009%  |
| 64 | 6.910 | 6.881 | 6.936 | HH | 2519   | 55191   | 0.59%  | 0.028%  |
| 65 | 6.956 | 6.936 | 6.966 | HH | 1861   | 24511   | 0.26%  | 0.012%  |
| 66 | 6.988 | 6.966 | 7.032 | HH | 32770  | 569545  | 6.06%  | 0.290%  |
| 67 | 7.051 | 7.032 | 7.095 | HH | 12890  | 249718  | 2.66%  | 0.127%  |
| 68 | 7.119 | 7.095 | 7.207 | HH | 27895  | 573373  | 6.10%  | 0.292%  |
| 69 | 7.222 | 7.207 | 7.245 | HH | 3570   | 61477   | 0.65%  | 0.031%  |
| 70 | 7.275 | 7.245 | 7.307 | HH | 9113   | 156481  | 1.67%  | 0.080%  |
| 71 | 7.322 | 7.307 | 7.341 | HH | 2153   | 37267   | 0.40%  | 0.019%  |
| 72 | 7.360 | 7.341 | 7.380 | HH | 2111   | 38836   | 0.41%  | 0.020%  |
| 73 | 7.398 | 7.380 | 7.421 | HH | 1775   | 35421   | 0.38%  | 0.018%  |
| 74 | 7.448 | 7.421 | 7.472 | HH | 2519   | 55256   | 0.59%  | 0.028%  |
| 75 | 7.508 | 7.472 | 7.524 | HH | 1830   | 48839   | 0.52%  | 0.025%  |
| 76 | 7.559 | 7.524 | 7.594 | HH | 4937   | 101653  | 1.08%  | 0.052%  |
| 77 | 7.612 | 7.594 | 7.628 | HH | 2483   | 37215   | 0.40%  | 0.019%  |
| 78 | 7.640 | 7.628 | 7.659 | HH | 1362   | 22764   | 0.24%  | 0.012%  |
| 79 | 7.726 | 7.659 | 7.780 | HH | 10521  | 346105  | 3.68%  | 0.176%  |
| 80 | 7.792 | 7.780 | 7.811 | HH | 3497   | 57105   | 0.61%  | 0.029%  |
| 81 | 7.839 | 7.811 | 7.854 | HH | 4767   | 89272   | 0.95%  | 0.045%  |
| 82 | 7.874 | 7.854 | 7.883 | HH | 8307   | 109783  | 1.17%  | 0.056%  |
| 83 | 7.893 | 7.883 | 7.932 | HH | 8933   | 169949  | 1.81%  | 0.086%  |
| 84 | 7.938 | 7.932 | 7.943 | HH | 3108   | 21546   | 0.23%  | 0.011%  |
| 85 | 7.967 | 7.943 | 8.044 | HH | 14049  | 445142  | 4.74%  | 0.227%  |
| 86 | 8.051 | 8.044 | 8.057 | HH | 3956   | 31381   | 0.33%  | 0.016%  |
| 87 | 8.079 | 8.057 | 8.096 | HH | 27370  | 360685  | 3.84%  | 0.184%  |
| 88 | 8.114 | 8.096 | 8.132 | HH | 23334  | 389747  | 4.15%  | 0.198%  |
| 89 | 8.142 | 8.132 | 8.175 | HH | 18477  | 282648  | 3.01%  | 0.144%  |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.186  | 8.175  | 8.195  | HH | 4824   | 53979   | 0.57%  | 0.027% |
| 91  | 8.216  | 8.195  | 8.287  | HH | 93567  | 1601624 | 17.04% | 0.815% |
| 92  | 8.296  | 8.287  | 8.321  | HH | 9734   | 148123  | 1.58%  | 0.075% |
| 93  | 8.326  | 8.321  | 8.335  | HH | 4471   | 37164   | 0.40%  | 0.019% |
| 94  | 8.355  | 8.335  | 8.377  | HH | 8886   | 154693  | 1.65%  | 0.079% |
| 95  | 8.393  | 8.377  | 8.460  | HH | 5223   | 179478  | 1.91%  | 0.091% |
| 96  | 8.504  | 8.460  | 8.528  | HH | 5399   | 136300  | 1.45%  | 0.069% |
| 97  | 8.553  | 8.528  | 8.594  | HH | 99579  | 1333993 | 14.19% | 0.679% |
| 98  | 8.611  | 8.594  | 8.660  | HH | 15393  | 443441  | 4.72%  | 0.226% |
| 99  | 8.680  | 8.660  | 8.714  | HH | 14645  | 284719  | 3.03%  | 0.145% |
| 100 | 8.723  | 8.714  | 8.771  | HH | 5481   | 167165  | 1.78%  | 0.085% |
| 101 | 8.796  | 8.771  | 8.815  | HH | 16802  | 257035  | 2.73%  | 0.131% |
| 102 | 8.835  | 8.815  | 8.915  | HH | 46501  | 1051202 | 11.19% | 0.535% |
| 103 | 8.924  | 8.915  | 8.945  | HH | 8016   | 133777  | 1.42%  | 0.068% |
| 104 | 8.966  | 8.945  | 8.991  | HH | 22999  | 359306  | 3.82%  | 0.183% |
| 105 | 9.010  | 8.991  | 9.072  | HH | 12700  | 369438  | 3.93%  | 0.188% |
| 106 | 9.084  | 9.072  | 9.099  | HH | 4830   | 74424   | 0.79%  | 0.038% |
| 107 | 9.121  | 9.099  | 9.142  | HH | 11831  | 203571  | 2.17%  | 0.104% |
| 108 | 9.161  | 9.142  | 9.193  | HH | 10699  | 226829  | 2.41%  | 0.115% |
| 109 | 9.201  | 9.193  | 9.223  | HH | 5503   | 91019   | 0.97%  | 0.046% |
| 110 | 9.257  | 9.223  | 9.285  | HH | 12681  | 295945  | 3.15%  | 0.151% |
| 111 | 9.298  | 9.285  | 9.309  | HH | 5423   | 74972   | 0.80%  | 0.038% |
| 112 | 9.342  | 9.309  | 9.399  | HH | 67394  | 1293896 | 13.77% | 0.659% |
| 113 | 9.419  | 9.399  | 9.449  | HH | 15517  | 371825  | 3.96%  | 0.189% |
| 114 | 9.465  | 9.449  | 9.475  | HH | 14187  | 190444  | 2.03%  | 0.097% |
| 115 | 9.493  | 9.475  | 9.513  | HH | 22014  | 386155  | 4.11%  | 0.197% |
| 116 | 9.522  | 9.513  | 9.535  | HH | 13003  | 162605  | 1.73%  | 0.083% |
| 117 | 9.555  | 9.535  | 9.636  | HH | 14393  | 609462  | 6.48%  | 0.310% |
| 118 | 9.668  | 9.636  | 9.707  | HH | 21285  | 541815  | 5.77%  | 0.276% |
| 119 | 9.713  | 9.707  | 9.724  | HH | 9935   | 95171   | 1.01%  | 0.048% |
| 120 | 9.742  | 9.724  | 9.756  | HH | 22433  | 307554  | 3.27%  | 0.157% |
| 121 | 9.772  | 9.756  | 9.812  | HH | 24147  | 537689  | 5.72%  | 0.274% |
| 122 | 9.832  | 9.812  | 9.882  | HH | 13119  | 457925  | 4.87%  | 0.233% |
| 123 | 9.894  | 9.882  | 9.908  | HH | 8383   | 119748  | 1.27%  | 0.061% |
| 124 | 9.934  | 9.908  | 9.994  | HH | 8450   | 354498  | 3.77%  | 0.180% |
| 125 | 10.014 | 9.994  | 10.021 | HH | 5770   | 90247   | 0.96%  | 0.046% |
| 126 | 10.085 | 10.021 | 10.103 | HH | 11028  | 365341  | 3.89%  | 0.186% |
| 127 | 10.133 | 10.103 | 10.151 | HH | 12205  | 287366  | 3.06%  | 0.146% |
| 128 | 10.162 | 10.151 | 10.173 | HH | 10073  | 123664  | 1.32%  | 0.063% |
| 129 | 10.228 | 10.173 | 10.248 | HH | 18928  | 663680  | 7.06%  | 0.338% |
| 130 | 10.269 | 10.248 | 10.313 | HH | 18871  | 519416  | 5.53%  | 0.264% |
| 131 | 10.341 | 10.313 | 10.385 | HH | 19367  | 618310  | 6.58%  | 0.315% |
| 132 | 10.404 | 10.385 | 10.410 | HH | 12229  | 171067  | 1.82%  | 0.087% |
| 133 | 10.433 | 10.410 | 10.459 | HH | 19150  | 468150  | 4.98%  | 0.238% |
| 134 | 10.481 | 10.459 | 10.495 | HH | 26432  | 436170  | 4.64%  | 0.222% |
| 135 | 10.508 | 10.495 | 10.525 | HH | 21981  | 329150  | 3.50%  | 0.168% |
| 136 | 10.552 | 10.525 | 10.590 | HH | 42933  | 1092006 | 11.62% | 0.556% |
| 137 | 10.611 | 10.590 | 10.632 | HH | 21071  | 424027  | 4.51%  | 0.216% |
| 138 | 10.648 | 10.632 | 10.663 | HH | 17415  | 268940  | 2.86%  | 0.137% |
| 139 | 10.679 | 10.663 | 10.699 | HH | 14151  | 284988  | 3.03%  | 0.145% |
| 140 | 10.745 | 10.699 | 10.808 | HH | 506291 | 6989461 | 74.37% | 3.557% |
| 141 | 10.827 | 10.808 | 10.885 | HH | 80194  | 1723402 | 18.34% | 0.877% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 10.894 | 10.885 | 10.910 | HH | 17467  | 261454  | 2.78%  | 0.133% |
| 143    | 10.918 | 10.910 | 10.924 | HH | 16797  | 132751  | 1.41%  | 0.068% |
| 144    | 10.931 | 10.924 | 10.943 | HH | 16790  | 190588  | 2.03%  | 0.097% |
| 145    | 10.952 | 10.943 | 10.977 | HH | 16034  | 285843  | 3.04%  | 0.145% |
| 146    | 10.993 | 10.977 | 11.018 | HH | 12898  | 307261  | 3.27%  | 0.156% |
| 147    | 11.063 | 11.018 | 11.128 | HH | 40076  | 1496734 | 15.93% | 0.762% |
| 148    | 11.141 | 11.128 | 11.161 | HH | 19790  | 356525  | 3.79%  | 0.181% |
| 149    | 11.182 | 11.161 | 11.204 | HH | 29596  | 544405  | 5.79%  | 0.277% |
| 150    | 11.227 | 11.204 | 11.243 | HH | 16452  | 359839  | 3.83%  | 0.183% |
| 151    | 11.275 | 11.243 | 11.321 | HH | 31637  | 962397  | 10.24% | 0.490% |
| 152    | 11.343 | 11.321 | 11.362 | HH | 22924  | 440124  | 4.68%  | 0.224% |
| 153    | 11.387 | 11.362 | 11.399 | HH | 19926  | 403158  | 4.29%  | 0.205% |
| 154    | 11.404 | 11.399 | 11.444 | HH | 18294  | 445333  | 4.74%  | 0.227% |
| 155    | 11.464 | 11.444 | 11.496 | HH | 23351  | 604443  | 6.43%  | 0.308% |
| 156    | 11.548 | 11.496 | 11.565 | HH | 59416  | 1175076 | 12.50% | 0.598% |
| 157    | 11.581 | 11.565 | 11.633 | HH | 68117  | 1643304 | 17.49% | 0.836% |
| 158    | 11.661 | 11.633 | 11.683 | HH | 74999  | 1308832 | 13.93% | 0.666% |
| 159    | 11.698 | 11.683 | 11.713 | HH | 45404  | 646638  | 6.88%  | 0.329% |
| 160    | 11.730 | 11.713 | 11.789 | HH | 52526  | 1293508 | 13.76% | 0.658% |
| 161    | 11.851 | 11.789 | 11.876 | HH | 34211  | 1110135 | 11.81% | 0.565% |
| 162    | 11.893 | 11.876 | 11.923 | HH | 21293  | 552800  | 5.88%  | 0.281% |
| 163    | 11.958 | 11.923 | 11.999 | HH | 35898  | 1191332 | 12.68% | 0.606% |
| 164    | 12.023 | 11.999 | 12.077 | HH | 42534  | 1259091 | 13.40% | 0.641% |
| 165    | 12.082 | 12.077 | 12.089 | HH | 19363  | 135529  | 1.44%  | 0.069% |
| 166    | 12.133 | 12.089 | 12.190 | HH | 231105 | 4452485 | 47.38% | 2.266% |
| 167    | 12.204 | 12.190 | 12.237 | HH | 21125  | 570934  | 6.07%  | 0.291% |
| 168    | 12.277 | 12.237 | 12.324 | HH | 25030  | 1150924 | 12.25% | 0.586% |
| 169    | 12.343 | 12.324 | 12.356 | HH | 29994  | 493373  | 5.25%  | 0.251% |
| 170    | 12.363 | 12.356 | 12.391 | HH | 26940  | 493502  | 5.25%  | 0.251% |
| 171    | 12.448 | 12.391 | 12.468 | HH | 51916  | 1567255 | 16.68% | 0.798% |
| 172    | 12.491 | 12.468 | 12.507 | HH | 47051  | 883414  | 9.40%  | 0.450% |
| 173    | 12.514 | 12.507 | 12.540 | HH | 33274  | 555687  | 5.91%  | 0.283% |
| 174    | 12.568 | 12.540 | 12.631 | HH | 465119 | 6684483 | 71.13% | 3.402% |
| 175    | 12.664 | 12.631 | 12.698 | HH | 26489  | 922684  | 9.82%  | 0.470% |
| 176    | 12.724 | 12.698 | 12.737 | HH | 32167  | 623927  | 6.64%  | 0.318% |
| 177    | 12.757 | 12.737 | 12.798 | HH | 41239  | 1205423 | 12.83% | 0.613% |
| 178    | 12.818 | 12.798 | 12.839 | HH | 48979  | 893520  | 9.51%  | 0.455% |
| 179    | 12.864 | 12.839 | 12.906 | HH | 363905 | 5246287 | 55.82% | 2.670% |
| 180    | 12.924 | 12.906 | 12.941 | HH | 60464  | 959862  | 10.21% | 0.489% |
| 181    | 12.958 | 12.941 | 13.005 | HH | 60123  | 1495719 | 15.92% | 0.761% |
| 182    | 13.047 | 13.005 | 13.077 | HH | 35545  | 1195238 | 12.72% | 0.608% |
| 183    | 13.103 | 13.077 | 13.121 | HH | 43751  | 909751  | 9.68%  | 0.463% |
| 184    | 13.145 | 13.121 | 13.169 | HH | 46273  | 1123780 | 11.96% | 0.572% |
| 185    | 13.185 | 13.169 | 13.225 | HH | 38377  | 1119976 | 11.92% | 0.570% |
| 186    | 13.242 | 13.225 | 13.252 | HH | 28793  | 444006  | 4.72%  | 0.226% |
| 187    | 13.274 | 13.252 | 13.303 | HH | 33781  | 908247  | 9.66%  | 0.462% |
| 188    | 13.346 | 13.303 | 13.374 | HH | 91613  | 2180272 | 23.20% | 1.110% |
| 189    | 13.391 | 13.374 | 13.412 | HH | 42613  | 801378  | 8.53%  | 0.408% |
| 190    | 13.461 | 13.412 | 13.501 | HH | 81029  | 2436072 | 25.92% | 1.240% |
| 191    | 13.519 | 13.501 | 13.542 | HH | 33441  | 728341  | 7.75%  | 0.371% |
| 192    | 13.567 | 13.542 | 13.589 | HH | 59816  | 1189838 | 12.66% | 0.606% |
| 193    | 13.606 | 13.589 | 13.627 | HH | 50231  | 955552  | 10.17% | 0.486% |
| 194    | 13.640 | 13.627 | 13.664 | HH | 37472  | 718949  | 7.65%  | 0.366% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 13.691 | 13.664 | 13.703 | HH | 41032  | 826894  | 8.80%   | 0.421% |
| 196 | 13.711 | 13.703 | 13.717 | HH | 39933  | 325900  | 3.47%   | 0.166% |
| 197 | 13.732 | 13.717 | 13.759 | HH | 49350  | 1014942 | 10.80%  | 0.517% |
| 198 | 13.777 | 13.759 | 13.789 | HH | 41789  | 671167  | 7.14%   | 0.342% |
| 199 | 13.803 | 13.789 | 13.825 | HH | 45253  | 838728  | 8.92%   | 0.427% |
| 200 | 13.837 | 13.825 | 13.860 | HH | 28737  | 580305  | 6.17%   | 0.295% |
| 201 | 13.867 | 13.860 | 13.875 | HH | 27058  | 230111  | 2.45%   | 0.117% |
| 202 | 13.897 | 13.875 | 13.915 | HH | 32255  | 716364  | 7.62%   | 0.365% |
| 203 | 13.930 | 13.915 | 13.958 | HH | 29763  | 732028  | 7.79%   | 0.373% |
| 204 | 13.966 | 13.958 | 14.013 | HH | 27388  | 860151  | 9.15%   | 0.438% |
| 205 | 14.078 | 14.013 | 14.105 | HH | 50225  | 1912402 | 20.35%  | 0.973% |
| 206 | 14.126 | 14.105 | 14.139 | HH | 34977  | 660178  | 7.02%   | 0.336% |
| 207 | 14.156 | 14.139 | 14.183 | HH | 37734  | 952572  | 10.14%  | 0.485% |
| 208 | 14.194 | 14.183 | 14.210 | HH | 35362  | 530017  | 5.64%   | 0.270% |
| 209 | 14.228 | 14.210 | 14.239 | HH | 39641  | 632772  | 6.73%   | 0.322% |
| 210 | 14.252 | 14.239 | 14.274 | HH | 42706  | 817146  | 8.69%   | 0.416% |
| 211 | 14.279 | 14.274 | 14.284 | HH | 35146  | 208629  | 2.22%   | 0.106% |
| 212 | 14.300 | 14.284 | 14.312 | HH | 36551  | 603765  | 6.42%   | 0.307% |
| 213 | 14.328 | 14.312 | 14.349 | HH | 40320  | 800479  | 8.52%   | 0.407% |
| 214 | 14.381 | 14.349 | 14.409 | HH | 52447  | 1480102 | 15.75%  | 0.753% |
| 215 | 14.434 | 14.409 | 14.478 | HH | 64698  | 1967978 | 20.94%  | 1.002% |
| 216 | 14.496 | 14.478 | 14.522 | HH | 48186  | 1084227 | 11.54%  | 0.552% |
| 217 | 14.542 | 14.522 | 14.560 | HH | 45585  | 947365  | 10.08%  | 0.482% |
| 218 | 14.594 | 14.560 | 14.623 | HH | 635689 | 9398119 | 100.00% | 4.783% |
| 219 | 14.636 | 14.623 | 14.663 | HH | 46258  | 945816  | 10.06%  | 0.481% |
| 220 | 14.678 | 14.663 | 14.700 | HH | 31815  | 684360  | 7.28%   | 0.348% |
| 221 | 14.721 | 14.700 | 14.728 | HH | 43463  | 620615  | 6.60%   | 0.316% |
| 222 | 14.751 | 14.728 | 14.771 | HH | 210239 | 2988490 | 31.80%  | 1.521% |
| 223 | 14.791 | 14.771 | 14.862 | HH | 216241 | 4623618 | 49.20%  | 2.353% |
| 224 | 14.868 | 14.862 | 14.882 | HH | 34509  | 404061  | 4.30%   | 0.206% |
| 225 | 14.912 | 14.882 | 14.935 | HH | 60907  | 1426047 | 15.17%  | 0.726% |
| 226 | 14.950 | 14.935 | 14.971 | HH | 39239  | 812399  | 8.64%   | 0.413% |
| 227 | 14.983 | 14.971 | 15.014 | HH | 38059  | 945805  | 10.06%  | 0.481% |
| 228 | 15.031 | 15.014 | 15.045 | HH | 41187  | 717031  | 7.63%   | 0.365% |
| 229 | 15.051 | 15.045 | 15.063 | HH | 40276  | 422390  | 4.49%   | 0.215% |
| 230 | 15.102 | 15.063 | 15.139 | HH | 52804  | 2015373 | 21.44%  | 1.026% |
| 231 | 15.173 | 15.139 | 15.230 | HH | 403142 | 6824640 | 72.62%  | 3.473% |
| 232 | 15.241 | 15.230 | 15.290 | HH | 40859  | 1320181 | 14.05%  | 0.672% |
| 233 | 15.314 | 15.290 | 15.330 | HH | 46518  | 989493  | 10.53%  | 0.504% |
| 234 | 15.337 | 15.330 | 15.358 | HH | 42916  | 670479  | 7.13%   | 0.341% |
| 235 | 15.382 | 15.358 | 15.401 | HH | 42163  | 997345  | 10.61%  | 0.508% |
| 236 | 15.427 | 15.401 | 15.450 | HH | 78180  | 1622712 | 17.27%  | 0.826% |
| 237 | 15.467 | 15.450 | 15.502 | HH | 53238  | 1399081 | 14.89%  | 0.712% |
| 238 | 15.522 | 15.502 | 15.532 | HH | 43479  | 742349  | 7.90%   | 0.378% |
| 239 | 15.535 | 15.532 | 15.552 | HH | 43283  | 499622  | 5.32%   | 0.254% |
| 240 | 15.573 | 15.552 | 15.578 | HH | 53214  | 765884  | 8.15%   | 0.390% |
| 241 | 15.595 | 15.578 | 15.637 | HH | 56399  | 1719404 | 18.30%  | 0.875% |
| 242 | 15.663 | 15.637 | 15.670 | HH | 43588  | 839491  | 8.93%   | 0.427% |
| 243 | 15.688 | 15.670 | 15.732 | HH | 49166  | 1548487 | 16.48%  | 0.788% |
| 244 | 15.752 | 15.732 | 15.792 | HH | 41442  | 1346381 | 14.33%  | 0.685% |
| 245 | 15.815 | 15.792 | 15.834 | HH | 46120  | 1020821 | 10.86%  | 0.520% |
| 246 | 15.857 | 15.834 | 15.906 | HH | 44449  | 1728730 | 18.39%  | 0.880% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    |                         | rteres    |        |        |
| 247 | 15.929 | 15.906 | 15.965 | HH | 37802                   | 1291812   | 13.75% | 0.657% |
| 248 | 15.989 | 15.965 | 16.003 | HH | 37852                   | 836276    | 8.90%  | 0.426% |
| 249 | 16.027 | 16.003 | 16.053 | HH | 41868                   | 1198605   | 12.75% | 0.610% |
| 250 | 16.069 | 16.053 | 16.085 | HH | 40841                   | 764777    | 8.14%  | 0.389% |
| 251 | 16.121 | 16.085 | 16.151 | HH | 51530                   | 1788280   | 19.03% | 0.910% |
| 252 | 16.183 | 16.151 | 16.214 | HH | 78911                   | 2135090   | 22.72% | 1.087% |
| 253 | 16.240 | 16.214 | 16.262 | HH | 51637                   | 1376756   | 14.65% | 0.701% |
| 254 | 16.318 | 16.262 | 16.337 | HH | 226943                  | 4546259   | 48.37% | 2.314% |
| 255 | 16.347 | 16.337 | 16.410 | HH | 109424                  | 3003828   | 31.96% | 1.529% |
| 256 | 16.437 | 16.410 | 16.520 | HH | 98038                   | 4259283   | 45.32% | 2.168% |
| 257 | 16.547 | 16.520 | 16.583 | HH | 71936                   | 2196008   | 23.37% | 1.118% |
| 258 | 16.601 | 16.583 | 16.612 | HH | 57141                   | 973907    | 10.36% | 0.496% |
| 259 | 16.639 | 16.612 | 16.677 | HH | 152403                  | 3487563   | 37.11% | 1.775% |
| 260 | 16.701 | 16.677 | 16.746 | HH | 188189                  | 4032273   | 42.91% | 2.052% |
| 261 | 16.761 | 16.746 | 16.784 | HH | 58925                   | 1219710   | 12.98% | 0.621% |
|     |        |        |        |    | Sum of corrected areas: | 196488308 |        |        |

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