

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE022421\  
 Data File : FE033296.D  
 Signal(s) : FID1B.CH  
 Acq On : 24 Feb 2021 12:31  
 Sample : M1449-09 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE022221.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         | 4.456       | 4.433        | 4.519      | BH       | 1328           | 42552        | 0.71%          | 0.014%        |
| 2         | 4.524       | 4.519        | 4.530      | HH       | 342            | 2137         | 0.04%          | 0.001%        |
| 3         | 4.545       | 4.530        | 4.558      | HH       | 498            | 6421         | 0.11%          | 0.002%        |
| 4         | 4.579       | 4.558        | 4.591      | HH       | 1672           | 22172        | 0.37%          | 0.007%        |
| 5         | 4.614       | 4.591        | 4.703      | HH       | 1807           | 67797        | 1.13%          | 0.022%        |
| 6         | 4.720       | 4.703        | 4.742      | HH       | 458            | 7995         | 0.13%          | 0.003%        |
| 7         | 4.768       | 4.742        | 4.789      | HH       | 1607           | 28263        | 0.47%          | 0.009%        |
| 8         | 4.815       | 4.789        | 4.830      | HH       | 2142           | 36522        | 0.61%          | 0.012%        |
| 9         | 4.841       | 4.830        | 4.886      | HH       | 1646           | 27770        | 0.46%          | 0.009%        |
| 10        | 4.906       | 4.886        | 4.956      | HH       | 13616          | 211455       | 3.51%          | 0.069%        |
| 11        | 4.964       | 4.956        | 4.979      | HH       | 1181           | 14225        | 0.24%          | 0.005%        |
| 12        | 5.003       | 4.979        | 5.035      | HH       | 2016           | 48014        | 0.80%          | 0.016%        |
| 13        | 5.065       | 5.035        | 5.079      | HH       | 2324           | 48285        | 0.80%          | 0.016%        |
| 14        | 5.099       | 5.079        | 5.116      | HH       | 3992           | 68259        | 1.13%          | 0.022%        |
| 15        | 5.129       | 5.116        | 5.145      | HH       | 4140           | 62551        | 1.04%          | 0.020%        |
| 16        | 5.156       | 5.145        | 5.171      | HH       | 3233           | 44838        | 0.74%          | 0.015%        |
| 17        | 5.183       | 5.171        | 5.216      | HH       | 3218           | 70166        | 1.17%          | 0.023%        |
| 18        | 5.222       | 5.216        | 5.248      | HH       | 1987           | 31647        | 0.53%          | 0.010%        |
| 19        | 5.265       | 5.248        | 5.275      | HH       | 2918           | 37481        | 0.62%          | 0.012%        |
| 20        | 5.289       | 5.275        | 5.334      | HH       | 3984           | 93739        | 1.56%          | 0.030%        |
| 21        | 5.355       | 5.334        | 5.375      | HH       | 1632           | 35562        | 0.59%          | 0.012%        |
| 22        | 5.395       | 5.375        | 5.407      | HH       | 3292           | 48071        | 0.80%          | 0.016%        |
| 23        | 5.419       | 5.407        | 5.449      | HH       | 3073           | 63894        | 1.06%          | 0.021%        |
| 24        | 5.489       | 5.449        | 5.496      | HH       | 2709           | 68952        | 1.15%          | 0.022%        |
| 25        | 5.498       | 5.496        | 5.506      | HH       | 2686           | 15178        | 0.25%          | 0.005%        |
| 26        | 5.517       | 5.506        | 5.536      | HH       | 2684           | 45810        | 0.76%          | 0.015%        |
| 27        | 5.560       | 5.536        | 5.568      | HH       | 3796           | 59464        | 0.99%          | 0.019%        |
| 28        | 5.572       | 5.568        | 5.577      | HH       | 3561           | 19979        | 0.33%          | 0.006%        |
| 29        | 5.602       | 5.577        | 5.666      | HH       | 6759           | 215563       | 3.58%          | 0.070%        |
| 30        | 5.683       | 5.666        | 5.701      | HH       | 3040           | 56150        | 0.93%          | 0.018%        |
| 31        | 5.719       | 5.701        | 5.736      | HH       | 5357           | 85538        | 1.42%          | 0.028%        |
| 32        | 5.764       | 5.736        | 5.779      | HH       | 4405           | 98241        | 1.63%          | 0.032%        |
| 33        | 5.787       | 5.779        | 5.797      | HH       | 3774           | 40043        | 0.67%          | 0.013%        |
| 34        | 5.824       | 5.797        | 5.861      | HH       | 6111           | 182064       | 3.02%          | 0.059%        |
| 35        | 5.873       | 5.861        | 5.908      | HH       | 4346           | 97119        | 1.61%          | 0.032%        |
| 36        | 5.929       | 5.908        | 5.941      | HH       | 3855           | 65812        | 1.09%          | 0.021%        |

| rteres |       |       |       |    |       |        |        |        |
|--------|-------|-------|-------|----|-------|--------|--------|--------|
| 37     | 5.977 | 5.941 | 5.987 | HH | 5188  | 121486 | 2.02%  | 0.039% |
| 38     | 6.008 | 5.987 | 6.025 | HH | 5816  | 120312 | 2.00%  | 0.039% |
| 39     | 6.061 | 6.025 | 6.087 | HH | 7838  | 224231 | 3.72%  | 0.073% |
| 40     | 6.095 | 6.087 | 6.123 | HH | 4720  | 91778  | 1.52%  | 0.030% |
|        |       |       |       |    |       |        |        |        |
| 41     | 6.155 | 6.123 | 6.171 | HH | 6967  | 159377 | 2.65%  | 0.052% |
| 42     | 6.175 | 6.171 | 6.205 | HH | 5632  | 96763  | 1.61%  | 0.031% |
| 43     | 6.233 | 6.205 | 6.251 | HH | 5263  | 131552 | 2.18%  | 0.043% |
| 44     | 6.283 | 6.251 | 6.305 | HH | 7491  | 199001 | 3.30%  | 0.065% |
| 45     | 6.325 | 6.305 | 6.365 | HH | 9428  | 248960 | 4.13%  | 0.081% |
|        |       |       |       |    |       |        |        |        |
| 46     | 6.399 | 6.365 | 6.426 | HH | 10822 | 289619 | 4.81%  | 0.094% |
| 47     | 6.444 | 6.426 | 6.450 | HH | 8901  | 108916 | 1.81%  | 0.035% |
| 48     | 6.463 | 6.450 | 6.477 | HH | 10440 | 152386 | 2.53%  | 0.050% |
| 49     | 6.491 | 6.477 | 6.505 | HH | 10199 | 157934 | 2.62%  | 0.051% |
| 50     | 6.511 | 6.505 | 6.523 | HH | 8673  | 90008  | 1.49%  | 0.029% |
|        |       |       |       |    |       |        |        |        |
| 51     | 6.541 | 6.523 | 6.573 | HH | 11378 | 245939 | 4.08%  | 0.080% |
| 52     | 6.582 | 6.573 | 6.593 | HH | 5729  | 66852  | 1.11%  | 0.022% |
| 53     | 6.596 | 6.593 | 6.608 | HH | 5694  | 49873  | 0.83%  | 0.016% |
| 54     | 6.625 | 6.608 | 6.661 | HH | 8451  | 222919 | 3.70%  | 0.072% |
| 55     | 6.672 | 6.661 | 6.696 | HH | 6400  | 124373 | 2.07%  | 0.040% |
|        |       |       |       |    |       |        |        |        |
| 56     | 6.726 | 6.696 | 6.742 | HH | 7122  | 176924 | 2.94%  | 0.057% |
| 57     | 6.750 | 6.742 | 6.768 | HH | 6273  | 92848  | 1.54%  | 0.030% |
| 58     | 6.794 | 6.768 | 6.814 | HH | 7350  | 176633 | 2.93%  | 0.057% |
| 59     | 6.836 | 6.814 | 6.849 | HH | 9671  | 173805 | 2.89%  | 0.056% |
| 60     | 6.865 | 6.849 | 6.892 | HH | 10732 | 243635 | 4.05%  | 0.079% |
|        |       |       |       |    |       |        |        |        |
| 61     | 6.908 | 6.892 | 6.925 | HH | 9360  | 174763 | 2.90%  | 0.057% |
| 62     | 6.955 | 6.925 | 6.962 | HH | 11638 | 229585 | 3.81%  | 0.075% |
| 63     | 6.969 | 6.962 | 6.999 | HH | 11662 | 222474 | 3.69%  | 0.072% |
| 64     | 7.027 | 6.999 | 7.074 | HH | 13431 | 433600 | 7.20%  | 0.141% |
| 65     | 7.088 | 7.074 | 7.097 | HH | 7851  | 102398 | 1.70%  | 0.033% |
|        |       |       |       |    |       |        |        |        |
| 66     | 7.116 | 7.097 | 7.122 | HH | 8025  | 117397 | 1.95%  | 0.038% |
| 67     | 7.137 | 7.122 | 7.148 | HH | 9322  | 135195 | 2.25%  | 0.044% |
| 68     | 7.173 | 7.148 | 7.198 | HH | 10907 | 286770 | 4.76%  | 0.093% |
| 69     | 7.230 | 7.198 | 7.237 | HH | 9341  | 198072 | 3.29%  | 0.064% |
| 70     | 7.275 | 7.237 | 7.297 | HH | 13039 | 413777 | 6.87%  | 0.134% |
|        |       |       |       |    |       |        |        |        |
| 71     | 7.314 | 7.297 | 7.333 | HH | 15632 | 291370 | 4.84%  | 0.095% |
| 72     | 7.345 | 7.333 | 7.367 | HH | 13534 | 252881 | 4.20%  | 0.082% |
| 73     | 7.416 | 7.367 | 7.422 | HH | 14604 | 394380 | 6.55%  | 0.128% |
| 74     | 7.429 | 7.422 | 7.450 | HH | 14789 | 226302 | 3.76%  | 0.074% |
| 75     | 7.480 | 7.450 | 7.514 | HH | 13606 | 468839 | 7.79%  | 0.152% |
|        |       |       |       |    |       |        |        |        |
| 76     | 7.525 | 7.514 | 7.537 | HH | 11993 | 168397 | 2.80%  | 0.055% |
| 77     | 7.556 | 7.537 | 7.573 | HH | 16579 | 306073 | 5.08%  | 0.099% |
| 78     | 7.619 | 7.573 | 7.660 | HH | 21761 | 896285 | 14.89% | 0.291% |
| 79     | 7.676 | 7.660 | 7.706 | HH | 17695 | 439894 | 7.31%  | 0.143% |
| 80     | 7.736 | 7.706 | 7.757 | HH | 17478 | 497597 | 8.26%  | 0.162% |
|        |       |       |       |    |       |        |        |        |
| 81     | 7.777 | 7.757 | 7.806 | HH | 22422 | 514061 | 8.54%  | 0.167% |
| 82     | 7.822 | 7.806 | 7.853 | HH | 16443 | 415452 | 6.90%  | 0.135% |
| 83     | 7.869 | 7.853 | 7.874 | HH | 15059 | 182084 | 3.02%  | 0.059% |
| 84     | 7.888 | 7.874 | 7.900 | HH | 15338 | 233923 | 3.88%  | 0.076% |
| 85     | 7.944 | 7.900 | 7.965 | HH | 19405 | 664316 | 11.03% | 0.216% |
|        |       |       |       |    |       |        |        |        |
| 86     | 7.981 | 7.965 | 7.996 | HH | 17954 | 325217 | 5.40%  | 0.106% |
| 87     | 8.009 | 7.996 | 8.019 | HH | 17327 | 231095 | 3.84%  | 0.075% |
| 88     | 8.042 | 8.019 | 8.053 | HH | 19912 | 388915 | 6.46%  | 0.126% |
| 89     | 8.067 | 8.053 | 8.078 | HH | 19827 | 282622 | 4.69%  | 0.092% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 90  | 8.157  | 8.078  | 8.189  | HH | 28328  | 1571634 | 26.10%  | 0.511% |
| 91  | 8.237  | 8.189  | 8.267  | HH | 28271  | 1171730 | 19.46%  | 0.381% |
| 92  | 8.281  | 8.267  | 8.294  | HH | 26853  | 424094  | 7.04%   | 0.138% |
| 93  | 8.310  | 8.294  | 8.331  | HH | 26072  | 551098  | 9.15%   | 0.179% |
| 94  | 8.345  | 8.331  | 8.360  | HH | 26662  | 443412  | 7.36%   | 0.144% |
| 95  | 8.376  | 8.360  | 8.393  | HH | 27161  | 510312  | 8.48%   | 0.166% |
| 96  | 8.400  | 8.393  | 8.421  | HH | 25386  | 405417  | 6.73%   | 0.132% |
| 97  | 8.444  | 8.421  | 8.452  | HH | 25640  | 461205  | 7.66%   | 0.150% |
| 98  | 8.471  | 8.452  | 8.489  | HH | 35078  | 667403  | 11.08%  | 0.217% |
| 99  | 8.503  | 8.489  | 8.520  | HH | 29741  | 525393  | 8.73%   | 0.171% |
| 100 | 8.531  | 8.520  | 8.542  | HH | 28912  | 384973  | 6.39%   | 0.125% |
| 101 | 8.556  | 8.542  | 8.587  | HH | 30741  | 795631  | 13.21%  | 0.259% |
| 102 | 8.603  | 8.587  | 8.634  | HH | 32526  | 902590  | 14.99%  | 0.293% |
| 103 | 8.653  | 8.634  | 8.672  | HH | 33924  | 722995  | 12.01%  | 0.235% |
| 104 | 8.683  | 8.672  | 8.698  | HH | 31486  | 479995  | 7.97%   | 0.156% |
| 105 | 8.720  | 8.698  | 8.727  | HH | 32064  | 543456  | 9.03%   | 0.177% |
| 106 | 8.751  | 8.727  | 8.757  | HH | 34630  | 598234  | 9.94%   | 0.194% |
| 107 | 8.777  | 8.757  | 8.796  | HH | 37232  | 831504  | 13.81%  | 0.270% |
| 108 | 8.814  | 8.796  | 8.850  | HH | 39980  | 1190969 | 19.78%  | 0.387% |
| 109 | 8.898  | 8.850  | 8.904  | HH | 37655  | 1155141 | 19.18%  | 0.375% |
| 110 | 8.938  | 8.904  | 8.969  | HH | 43062  | 1584666 | 26.32%  | 0.515% |
| 111 | 9.001  | 8.969  | 9.026  | HH | 43794  | 1441186 | 23.93%  | 0.468% |
| 112 | 9.090  | 9.026  | 9.095  | HH | 48188  | 1821148 | 30.24%  | 0.592% |
| 113 | 9.109  | 9.095  | 9.131  | HH | 49115  | 1030564 | 17.12%  | 0.335% |
| 114 | 9.151  | 9.131  | 9.159  | HH | 48629  | 812441  | 13.49%  | 0.264% |
| 115 | 9.167  | 9.159  | 9.185  | HH | 48709  | 735652  | 12.22%  | 0.239% |
| 116 | 9.192  | 9.185  | 9.197  | HH | 47276  | 338395  | 5.62%   | 0.110% |
| 117 | 9.207  | 9.197  | 9.221  | HH | 47500  | 671473  | 11.15%  | 0.218% |
| 118 | 9.247  | 9.221  | 9.253  | HH | 51355  | 922679  | 15.32%  | 0.300% |
| 119 | 9.260  | 9.253  | 9.264  | HH | 50618  | 349534  | 5.80%   | 0.114% |
| 120 | 9.272  | 9.264  | 9.285  | HH | 50846  | 613676  | 10.19%  | 0.199% |
| 121 | 9.293  | 9.285  | 9.309  | HH | 51346  | 743548  | 12.35%  | 0.242% |
| 122 | 9.333  | 9.309  | 9.338  | HH | 56278  | 890258  | 14.79%  | 0.289% |
| 123 | 9.353  | 9.338  | 9.381  | HH | 58468  | 1468447 | 24.39%  | 0.477% |
| 124 | 9.385  | 9.381  | 9.416  | HH | 56341  | 1195648 | 19.86%  | 0.389% |
| 125 | 9.440  | 9.416  | 9.487  | HH | 63085  | 2454021 | 40.76%  | 0.797% |
| 126 | 9.549  | 9.487  | 9.556  | HH | 61586  | 2356730 | 39.14%  | 0.766% |
| 127 | 9.575  | 9.556  | 9.581  | HH | 67072  | 994252  | 16.51%  | 0.323% |
| 128 | 9.588  | 9.581  | 9.629  | HH | 66834  | 1815325 | 30.15%  | 0.590% |
| 129 | 9.678  | 9.629  | 9.684  | HH | 68821  | 2054785 | 34.12%  | 0.668% |
| 130 | 9.690  | 9.684  | 9.697  | HH | 68368  | 537061  | 8.92%   | 0.175% |
| 131 | 9.713  | 9.697  | 9.724  | HH | 72269  | 1160530 | 19.27%  | 0.377% |
| 132 | 9.749  | 9.724  | 9.754  | HH | 74234  | 1292039 | 21.46%  | 0.420% |
| 133 | 9.759  | 9.754  | 9.765  | HH | 73394  | 460720  | 7.65%   | 0.150% |
| 134 | 9.777  | 9.765  | 9.785  | HH | 74659  | 893150  | 14.83%  | 0.290% |
| 135 | 9.791  | 9.785  | 9.811  | HH | 73829  | 1111955 | 18.47%  | 0.361% |
| 136 | 9.815  | 9.811  | 9.840  | HH | 71888  | 1223539 | 20.32%  | 0.398% |
| 137 | 9.871  | 9.840  | 9.890  | HH | 80236  | 2243033 | 37.25%  | 0.729% |
| 138 | 9.906  | 9.890  | 9.929  | HH | 81119  | 1760433 | 29.24%  | 0.572% |
| 139 | 9.988  | 9.929  | 10.051 | HH | 90083  | 6021351 | 100.00% | 1.957% |
| 140 | 10.058 | 10.051 | 10.077 | HH | 78839  | 1221971 | 20.29%  | 0.397% |
| 141 | 10.135 | 10.077 | 10.158 | HH | 94195  | 4211393 | 69.94%  | 1.369% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 142    | 10.171 | 10.158 | 10.179 | HH | 85438 | 1040705 | 17.28% | 0.338% |
| 143    | 10.215 | 10.179 | 10.247 | HH | 97608 | 3718972 | 61.76% | 1.209% |
| 144    | 10.269 | 10.247 | 10.287 | HH | 96235 | 2224324 | 36.94% | 0.723% |
| 145    | 10.301 | 10.287 | 10.306 | HH | 93351 | 1046275 | 17.38% | 0.340% |
| 146    | 10.325 | 10.306 | 10.370 | HH | 97789 | 3493818 | 58.02% | 1.135% |
| 147    | 10.393 | 10.370 | 10.414 | HH | 98297 | 2452128 | 40.72% | 0.797% |
| 148    | 10.426 | 10.414 | 10.441 | HH | 98045 | 1523121 | 25.30% | 0.495% |
| 149    | 10.452 | 10.441 | 10.457 | HH | 88145 | 832019  | 13.82% | 0.270% |
| 150    | 10.475 | 10.457 | 10.501 | HH | 99357 | 2434950 | 40.44% | 0.791% |
| 151    | 10.522 | 10.501 | 10.545 | HH | 90915 | 2324251 | 38.60% | 0.755% |
| 152    | 10.553 | 10.545 | 10.563 | HH | 89354 | 944819  | 15.69% | 0.307% |
| 153    | 10.585 | 10.563 | 10.596 | HH | 92467 | 1800123 | 29.90% | 0.585% |
| 154    | 10.606 | 10.596 | 10.627 | HH | 95696 | 1733754 | 28.79% | 0.563% |
| 155    | 10.639 | 10.627 | 10.653 | HH | 90416 | 1371774 | 22.78% | 0.446% |
| 156    | 10.670 | 10.653 | 10.683 | HH | 88506 | 1544226 | 25.65% | 0.502% |
| 157    | 10.691 | 10.683 | 10.707 | HH | 91231 | 1313138 | 21.81% | 0.427% |
| 158    | 10.731 | 10.707 | 10.754 | HH | 93635 | 2608363 | 43.32% | 0.848% |
| 159    | 10.759 | 10.754 | 10.783 | HH | 92287 | 1553224 | 25.80% | 0.505% |
| 160    | 10.790 | 10.783 | 10.810 | HH | 89492 | 1412307 | 23.45% | 0.459% |
| 161    | 10.828 | 10.810 | 10.837 | HH | 91547 | 1504476 | 24.99% | 0.489% |
| 162    | 10.843 | 10.837 | 10.894 | HH | 92067 | 2984766 | 49.57% | 0.970% |
| 163    | 10.914 | 10.894 | 10.933 | HH | 90083 | 2033509 | 33.77% | 0.661% |
| 164    | 10.948 | 10.933 | 10.966 | HH | 88111 | 1735788 | 28.83% | 0.564% |
| 165    | 10.991 | 10.966 | 11.010 | HH | 89206 | 2261254 | 37.55% | 0.735% |
| 166    | 11.022 | 11.010 | 11.031 | HH | 85873 | 1073703 | 17.83% | 0.349% |
| 167    | 11.035 | 11.031 | 11.043 | HH | 85834 | 621219  | 10.32% | 0.202% |
| 168    | 11.061 | 11.043 | 11.083 | HH | 86610 | 2024768 | 33.63% | 0.658% |
| 169    | 11.127 | 11.083 | 11.143 | HH | 88246 | 3055950 | 50.75% | 0.993% |
| 170    | 11.159 | 11.143 | 11.198 | HH | 89706 | 2823418 | 46.89% | 0.918% |
| 171    | 11.216 | 11.198 | 11.249 | HH | 85737 | 2554452 | 42.42% | 0.830% |
| 172    | 11.273 | 11.249 | 11.277 | HH | 83080 | 1342493 | 22.30% | 0.436% |
| 173    | 11.285 | 11.277 | 11.311 | HH | 85362 | 1699653 | 28.23% | 0.552% |
| 174    | 11.326 | 11.311 | 11.350 | HH | 87025 | 1931023 | 32.07% | 0.628% |
| 175    | 11.357 | 11.350 | 11.376 | HH | 83267 | 1291613 | 21.45% | 0.420% |
| 176    | 11.381 | 11.376 | 11.386 | HH | 79320 | 476451  | 7.91%  | 0.155% |
| 177    | 11.391 | 11.386 | 11.396 | HH | 78839 | 457584  | 7.60%  | 0.149% |
| 178    | 11.415 | 11.396 | 11.425 | HH | 90938 | 1507020 | 25.03% | 0.490% |
| 179    | 11.442 | 11.425 | 11.486 | HH | 96372 | 3044592 | 50.56% | 0.989% |
| 180    | 11.515 | 11.486 | 11.540 | HH | 90893 | 2624894 | 43.59% | 0.853% |
| 181    | 11.549 | 11.540 | 11.584 | HH | 78037 | 1978530 | 32.86% | 0.643% |
| 182    | 11.603 | 11.584 | 11.611 | HH | 75803 | 1203033 | 19.98% | 0.391% |
| 183    | 11.627 | 11.611 | 11.649 | HH | 74677 | 1685252 | 27.99% | 0.548% |
| 184    | 11.662 | 11.649 | 11.704 | HH | 75469 | 2381424 | 39.55% | 0.774% |
| 185    | 11.726 | 11.704 | 11.739 | HH | 70000 | 1429066 | 23.73% | 0.464% |
| 186    | 11.755 | 11.739 | 11.775 | HH | 71776 | 1523763 | 25.31% | 0.495% |
| 187    | 11.794 | 11.775 | 11.803 | HH | 70486 | 1158147 | 19.23% | 0.376% |
| 188    | 11.820 | 11.803 | 11.843 | HH | 71042 | 1658810 | 27.55% | 0.539% |
| 189    | 11.862 | 11.843 | 11.870 | HH | 68185 | 1082215 | 17.97% | 0.352% |
| 190    | 11.904 | 11.870 | 11.963 | HH | 70527 | 3807538 | 63.23% | 1.237% |
| 191    | 11.973 | 11.963 | 11.979 | HH | 67503 | 664638  | 11.04% | 0.216% |
| 192    | 11.981 | 11.979 | 11.987 | HH | 67045 | 300463  | 4.99%  | 0.098% |
| 193    | 11.995 | 11.987 | 12.018 | HH | 68028 | 1214075 | 20.16% | 0.395% |
| 194    | 12.051 | 12.018 | 12.070 | HH | 82486 | 2347384 | 38.98% | 0.763% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 12.088 | 12.070 | 12.097 | HH | 87559  | 1302544 | 21.63% | 0.423% |
| 196    | 12.112 | 12.097 | 12.145 | HH | 113591 | 2526757 | 41.96% | 0.821% |
| 197    | 12.162 | 12.145 | 12.225 | HH | 77999  | 3186692 | 52.92% | 1.036% |
| 198    | 12.243 | 12.225 | 12.270 | HH | 61065  | 1610859 | 26.75% | 0.523% |
| 199    | 12.284 | 12.270 | 12.291 | HH | 60401  | 765283  | 12.71% | 0.249% |
| 200    | 12.305 | 12.291 | 12.310 | HH | 62758  | 705506  | 11.72% | 0.229% |
| 201    | 12.313 | 12.310 | 12.321 | HH | 61948  | 413702  | 6.87%  | 0.134% |
| 202    | 12.332 | 12.321 | 12.338 | HH | 62643  | 622442  | 10.34% | 0.202% |
| 203    | 12.344 | 12.338 | 12.374 | HH | 61767  | 1302576 | 21.63% | 0.423% |
| 204    | 12.387 | 12.374 | 12.440 | HH | 60675  | 2289507 | 38.02% | 0.744% |
| 205    | 12.459 | 12.440 | 12.473 | HH | 59504  | 1152515 | 19.14% | 0.375% |
| 206    | 12.487 | 12.473 | 12.508 | HH | 60459  | 1259916 | 20.92% | 0.409% |
| 207    | 12.519 | 12.508 | 12.532 | HH | 57696  | 805246  | 13.37% | 0.262% |
| 208    | 12.552 | 12.532 | 12.564 | HH | 58515  | 1113850 | 18.50% | 0.362% |
| 209    | 12.569 | 12.564 | 12.575 | HH | 57550  | 375545  | 6.24%  | 0.122% |
| 210    | 12.579 | 12.575 | 12.601 | HH | 56732  | 875028  | 14.53% | 0.284% |
| 211    | 12.607 | 12.601 | 12.626 | HH | 56661  | 840111  | 13.95% | 0.273% |
| 212    | 12.643 | 12.626 | 12.657 | HH | 58531  | 1049568 | 17.43% | 0.341% |
| 213    | 12.673 | 12.657 | 12.691 | HH | 61004  | 1207936 | 20.06% | 0.393% |
| 214    | 12.707 | 12.691 | 12.731 | HH | 57602  | 1323142 | 21.97% | 0.430% |
| 215    | 12.748 | 12.731 | 12.761 | HH | 55135  | 980759  | 16.29% | 0.319% |
| 216    | 12.780 | 12.761 | 12.804 | HH | 65174  | 1506889 | 25.03% | 0.490% |
| 217    | 12.816 | 12.804 | 12.843 | HH | 53079  | 1204288 | 20.00% | 0.391% |
| 218    | 12.860 | 12.843 | 12.878 | HH | 50396  | 1033041 | 17.16% | 0.336% |
| 219    | 12.904 | 12.878 | 12.940 | HH | 53350  | 1905635 | 31.65% | 0.619% |
| 220    | 12.954 | 12.940 | 12.971 | HH | 50067  | 900189  | 14.95% | 0.293% |
| 221    | 12.979 | 12.971 | 13.001 | HH | 48742  | 862459  | 14.32% | 0.280% |
| 222    | 13.040 | 13.001 | 13.056 | HH | 63120  | 1748537 | 29.04% | 0.568% |
| 223    | 13.071 | 13.056 | 13.103 | HH | 58748  | 1464829 | 24.33% | 0.476% |
| 224    | 13.135 | 13.103 | 13.167 | HH | 49121  | 1835078 | 30.48% | 0.596% |
| 225    | 13.174 | 13.167 | 13.196 | HH | 46745  | 806810  | 13.40% | 0.262% |
| 226    | 13.205 | 13.196 | 13.227 | HH | 45863  | 819512  | 13.61% | 0.266% |
| 227    | 13.233 | 13.227 | 13.248 | HH | 44017  | 548567  | 9.11%  | 0.178% |
| 228    | 13.260 | 13.248 | 13.273 | HH | 43398  | 660655  | 10.97% | 0.215% |
| 229    | 13.281 | 13.273 | 13.287 | HH | 42592  | 332906  | 5.53%  | 0.108% |
| 230    | 13.290 | 13.287 | 13.298 | HH | 42215  | 277135  | 4.60%  | 0.090% |
| 231    | 13.328 | 13.298 | 13.410 | HH | 66260  | 3125897 | 51.91% | 1.016% |
| 232    | 13.424 | 13.410 | 13.504 | HH | 40800  | 2223720 | 36.93% | 0.723% |
| 233    | 13.510 | 13.504 | 13.530 | HH | 38161  | 586886  | 9.75%  | 0.191% |
| 234    | 13.533 | 13.530 | 13.541 | HH | 37714  | 254926  | 4.23%  | 0.083% |
| 235    | 13.546 | 13.541 | 13.566 | HH | 37632  | 542494  | 9.01%  | 0.176% |
| 236    | 13.600 | 13.566 | 13.627 | HH | 49980  | 1591828 | 26.44% | 0.517% |
| 237    | 13.643 | 13.627 | 13.688 | HH | 41493  | 1381523 | 22.94% | 0.449% |
| 238    | 13.691 | 13.688 | 13.700 | HH | 35598  | 261738  | 4.35%  | 0.085% |
| 239    | 13.714 | 13.700 | 13.761 | HH | 35713  | 1257645 | 20.89% | 0.409% |
| 240    | 13.769 | 13.761 | 13.782 | HH | 33705  | 439660  | 7.30%  | 0.143% |
| 241    | 13.799 | 13.782 | 13.804 | HH | 34090  | 445500  | 7.40%  | 0.145% |
| 242    | 13.812 | 13.804 | 13.830 | HH | 33841  | 514089  | 8.54%  | 0.167% |
| 243    | 13.840 | 13.830 | 13.863 | HH | 33284  | 650886  | 10.81% | 0.212% |
| 244    | 13.871 | 13.863 | 13.879 | HH | 32891  | 322154  | 5.35%  | 0.105% |
| 245    | 13.901 | 13.879 | 13.913 | HH | 32653  | 647368  | 10.75% | 0.210% |
| 246    | 13.928 | 13.913 | 13.939 | HH | 32311  | 496643  | 8.25%  | 0.161% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 13.943 | 13.939 | 13.951 | HH | 32019  | 241630  | 4.01%  | 0.079% |
| 248    | 13.958 | 13.951 | 13.986 | HH | 31932  | 665399  | 11.05% | 0.216% |
| 249    | 13.991 | 13.986 | 14.002 | HH | 31397  | 297304  | 4.94%  | 0.097% |
| 250    | 14.017 | 14.002 | 14.036 | HH | 30979  | 618290  | 10.27% | 0.201% |
|        |        |        |        |    |        |         |        |        |
| 251    | 14.054 | 14.036 | 14.061 | HH | 31219  | 456806  | 7.59%  | 0.148% |
| 252    | 14.072 | 14.061 | 14.098 | HH | 31458  | 683418  | 11.35% | 0.222% |
| 253    | 14.103 | 14.098 | 14.107 | HH | 29867  | 166233  | 2.76%  | 0.054% |
| 254    | 14.133 | 14.107 | 14.142 | HH | 31012  | 641703  | 10.66% | 0.209% |
| 255    | 14.154 | 14.142 | 14.186 | HH | 31274  | 788253  | 13.09% | 0.256% |
|        |        |        |        |    |        |         |        |        |
| 256    | 14.197 | 14.186 | 14.209 | HH | 29349  | 392526  | 6.52%  | 0.128% |
| 257    | 14.215 | 14.209 | 14.238 | HH | 29091  | 505733  | 8.40%  | 0.164% |
| 258    | 14.243 | 14.238 | 14.256 | HH | 28081  | 299343  | 4.97%  | 0.097% |
| 259    | 14.271 | 14.256 | 14.278 | HH | 28219  | 375842  | 6.24%  | 0.122% |
| 260    | 14.287 | 14.278 | 14.294 | HH | 27721  | 268117  | 4.45%  | 0.087% |
|        |        |        |        |    |        |         |        |        |
| 261    | 14.300 | 14.294 | 14.310 | HH | 27789  | 260149  | 4.32%  | 0.085% |
| 262    | 14.326 | 14.310 | 14.357 | HH | 27700  | 771700  | 12.82% | 0.251% |
| 263    | 14.377 | 14.357 | 14.408 | HH | 27076  | 804369  | 13.36% | 0.261% |
| 264    | 14.414 | 14.408 | 14.424 | HH | 26538  | 252790  | 4.20%  | 0.082% |
| 265    | 14.449 | 14.424 | 14.492 | HH | 26543  | 1059104 | 17.59% | 0.344% |
|        |        |        |        |    |        |         |        |        |
| 266    | 14.519 | 14.492 | 14.524 | HH | 28377  | 529857  | 8.80%  | 0.172% |
| 267    | 14.555 | 14.524 | 14.661 | HH | 127059 | 3477068 | 57.75% | 1.130% |
| 268    | 14.678 | 14.661 | 14.694 | HH | 24408  | 481321  | 7.99%  | 0.156% |
| 269    | 14.705 | 14.694 | 14.721 | HH | 24086  | 375216  | 6.23%  | 0.122% |
| 270    | 14.763 | 14.721 | 14.799 | HH | 24294  | 1115748 | 18.53% | 0.363% |
|        |        |        |        |    |        |         |        |        |
| 271    | 14.807 | 14.799 | 14.829 | HH | 23291  | 424687  | 7.05%  | 0.138% |
| 272    | 14.838 | 14.829 | 14.879 | HH | 23040  | 683630  | 11.35% | 0.222% |
| 273    | 14.886 | 14.879 | 14.914 | HH | 22785  | 473969  | 7.87%  | 0.154% |
| 274    | 14.922 | 14.914 | 14.969 | HH | 22558  | 733094  | 12.17% | 0.238% |
| 275    | 14.975 | 14.969 | 14.986 | HH | 22213  | 220461  | 3.66%  | 0.072% |
|        |        |        |        |    |        |         |        |        |
| 276    | 15.017 | 14.986 | 15.048 | HH | 24728  | 864354  | 14.35% | 0.281% |
| 277    | 15.064 | 15.048 | 15.113 | HH | 22913  | 857436  | 14.24% | 0.279% |
| 278    | 15.143 | 15.113 | 15.261 | HH | 51420  | 2336376 | 38.80% | 0.759% |
| 279    | 15.276 | 15.261 | 15.324 | HH | 21190  | 788296  | 13.09% | 0.256% |
| 280    | 15.341 | 15.324 | 15.375 | HH | 20816  | 620219  | 10.30% | 0.202% |
|        |        |        |        |    |        |         |        |        |
| 281    | 15.418 | 15.375 | 15.468 | HH | 20079  | 1093177 | 18.16% | 0.355% |
| 282    | 15.493 | 15.468 | 15.546 | HH | 19885  | 917431  | 15.24% | 0.298% |
| 283    | 15.563 | 15.546 | 15.634 | HH | 19400  | 1004675 | 16.69% | 0.326% |
| 284    | 15.663 | 15.634 | 15.745 | HH | 19150  | 1218957 | 20.24% | 0.396% |
| 285    | 15.781 | 15.745 | 15.814 | HH | 19113  | 762394  | 12.66% | 0.248% |
|        |        |        |        |    |        |         |        |        |
| 286    | 15.863 | 15.814 | 15.943 | HH | 20000  | 1398512 | 23.23% | 0.454% |
| 287    | 15.955 | 15.943 | 16.027 | HH | 17260  | 859221  | 14.27% | 0.279% |
| 288    | 16.034 | 16.027 | 16.045 | HH | 16870  | 185457  | 3.08%  | 0.060% |
| 289    | 16.071 | 16.045 | 16.124 | HH | 16886  | 792135  | 13.16% | 0.257% |
| 290    | 16.161 | 16.124 | 16.214 | HH | 18754  | 918029  | 15.25% | 0.298% |
|        |        |        |        |    |        |         |        |        |
| 291    | 16.223 | 16.214 | 16.241 | HH | 16154  | 257752  | 4.28%  | 0.084% |
| 292    | 16.264 | 16.241 | 16.285 | HH | 17417  | 441024  | 7.32%  | 0.143% |
| 293    | 16.316 | 16.285 | 16.404 | HH | 18763  | 1190794 | 19.78% | 0.387% |
| 294    | 16.409 | 16.404 | 16.438 | HH | 15433  | 303636  | 5.04%  | 0.099% |
| 295    | 16.446 | 16.438 | 16.519 | HH | 15194  | 729523  | 12.12% | 0.237% |
|        |        |        |        |    |        |         |        |        |
| 296    | 16.547 | 16.519 | 16.592 | HH | 15559  | 657492  | 10.92% | 0.214% |
| 297    | 16.608 | 16.592 | 16.674 | HH | 14701  | 706820  | 11.74% | 0.230% |
| 298    | 16.684 | 16.674 | 16.701 | HH | 14231  | 233091  | 3.87%  | 0.076% |
| 299    | 16.732 | 16.701 | 16.801 | HH | 16894  | 891015  | 14.80% | 0.290% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 16.816 | 16.801 | 16.976 | HH | 13705  | 1380520 | 22.93% | 0.449% |
| 301 | 17.006 | 16.976 | 17.059 | HH | 12848  | 633997  | 10.53% | 0.206% |
| 302 | 17.101 | 17.059 | 17.156 | HH | 14166  | 765022  | 12.71% | 0.249% |
| 303 | 17.183 | 17.156 | 17.258 | HH | 17044  | 808219  | 13.42% | 0.263% |
| 304 | 17.278 | 17.258 | 17.336 | HH | 12262  | 549078  | 9.12%  | 0.178% |
| 305 | 17.348 | 17.336 | 17.368 | HH | 11611  | 220011  | 3.65%  | 0.071% |
| 306 | 17.377 | 17.368 | 17.421 | HH | 11600  | 361894  | 6.01%  | 0.118% |
| 307 | 17.429 | 17.421 | 17.441 | HH | 11366  | 138086  | 2.29%  | 0.045% |
| 308 | 17.497 | 17.441 | 17.533 | HH | 13260  | 662218  | 11.00% | 0.215% |
| 309 | 17.546 | 17.533 | 17.587 | HH | 11747  | 376239  | 6.25%  | 0.122% |
| 310 | 17.621 | 17.587 | 17.699 | HH | 17187  | 818184  | 13.59% | 0.266% |
| 311 | 17.719 | 17.699 | 17.788 | HH | 10807  | 569329  | 9.46%  | 0.185% |
| 312 | 17.794 | 17.788 | 17.823 | HH | 10562  | 214785  | 3.57%  | 0.070% |
| 313 | 17.846 | 17.823 | 17.864 | HH | 10560  | 260189  | 4.32%  | 0.085% |
| 314 | 17.894 | 17.864 | 17.946 | HH | 11871  | 536821  | 8.92%  | 0.174% |
| 315 | 17.981 | 17.946 | 18.018 | HH | 22244  | 656251  | 10.90% | 0.213% |
| 316 | 18.043 | 18.018 | 18.192 | HH | 17650  | 1176336 | 19.54% | 0.382% |
| 317 | 18.221 | 18.192 | 18.282 | HH | 10501  | 547997  | 9.10%  | 0.178% |
| 318 | 18.311 | 18.282 | 18.329 | HH | 10227  | 285955  | 4.75%  | 0.093% |
| 319 | 18.342 | 18.329 | 18.378 | HH | 10074  | 291619  | 4.84%  | 0.095% |
| 320 | 18.407 | 18.378 | 18.421 | HH | 10551  | 265646  | 4.41%  | 0.086% |
| 321 | 18.452 | 18.421 | 18.511 | HH | 17288  | 676133  | 11.23% | 0.220% |
| 322 | 18.586 | 18.511 | 18.681 | HH | 12047  | 1086170 | 18.04% | 0.353% |
| 323 | 18.708 | 18.681 | 18.731 | HH | 10090  | 296472  | 4.92%  | 0.096% |
| 324 | 18.763 | 18.731 | 18.772 | HH | 10081  | 241493  | 4.01%  | 0.078% |
| 325 | 18.809 | 18.772 | 18.832 | HH | 18715  | 503071  | 8.35%  | 0.163% |
| 326 | 18.851 | 18.832 | 18.914 | HH | 16644  | 628181  | 10.43% | 0.204% |
| 327 | 18.962 | 18.914 | 18.991 | HH | 11524  | 515792  | 8.57%  | 0.168% |
| 328 | 19.020 | 18.991 | 19.061 | HH | 11756  | 470747  | 7.82%  | 0.153% |
| 329 | 19.100 | 19.061 | 19.126 | HH | 11102  | 425578  | 7.07%  | 0.138% |
| 330 | 19.147 | 19.126 | 19.171 | HH | 11006  | 295415  | 4.91%  | 0.096% |
| 331 | 19.238 | 19.171 | 19.286 | HH | 16126  | 848112  | 14.09% | 0.276% |
| 332 | 19.316 | 19.286 | 19.329 | HH | 12348  | 307942  | 5.11%  | 0.100% |
| 333 | 19.346 | 19.329 | 19.374 | HH | 12386  | 330933  | 5.50%  | 0.108% |
| 334 | 19.398 | 19.374 | 19.421 | HH | 11996  | 329451  | 5.47%  | 0.107% |
| 335 | 19.537 | 19.421 | 19.564 | HH | 13452  | 1070924 | 17.79% | 0.348% |
| 336 | 19.612 | 19.564 | 19.678 | HH | 16727  | 948153  | 15.75% | 0.308% |
| 337 | 19.734 | 19.678 | 19.786 | HH | 13144  | 839670  | 13.94% | 0.273% |
| 338 | 19.815 | 19.786 | 19.828 | HH | 13314  | 329105  | 5.47%  | 0.107% |
| 339 | 20.051 | 19.828 | 20.063 | HH | 29220  | 2692215 | 44.71% | 0.875% |
| 340 | 20.086 | 20.063 | 20.244 | HH | 33648  | 2560455 | 42.52% | 0.832% |
| 341 | 20.248 | 20.244 | 20.294 | HH | 16761  | 498479  | 8.28%  | 0.162% |
| 342 | 20.332 | 20.294 | 20.369 | HH | 19150  | 797774  | 13.25% | 0.259% |
| 343 | 20.405 | 20.369 | 20.439 | HH | 17668  | 732790  | 12.17% | 0.238% |
| 344 | 20.502 | 20.439 | 20.538 | HH | 19309  | 1077873 | 17.90% | 0.350% |
| 345 | 20.553 | 20.538 | 20.589 | HH | 18407  | 558580  | 9.28%  | 0.182% |
| 346 | 20.615 | 20.589 | 20.631 | HH | 18248  | 461728  | 7.67%  | 0.150% |
| 347 | 20.703 | 20.631 | 20.766 | HH | 19902  | 1501545 | 24.94% | 0.488% |
| 348 | 20.768 | 20.766 | 20.813 | HH | 18148  | 505653  | 8.40%  | 0.164% |
| 349 | 20.916 | 20.813 | 20.934 | HH | 18855  | 1343219 | 22.31% | 0.437% |
| 350 | 21.022 | 20.934 | 21.083 | HH | 20679  | 1739700 | 28.89% | 0.565% |
| 351 | 21.110 | 21.083 | 21.278 | HH | 19597  | 2128939 | 35.36% | 0.692% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    | rteres                  |           |        |        |
| 352 | 21.295 | 21.278 | 21.348 | HH | 17515                   | 734352    | 12.20% | 0.239% |
| 353 | 21.386 | 21.348 | 21.488 | HH | 17515                   | 1447454   | 24.04% | 0.470% |
| 354 | 21.501 | 21.488 | 21.522 | HH | 16945                   | 344819    | 5.73%  | 0.112% |
| 355 | 21.575 | 21.522 | 21.596 | HH | 17775                   | 776336    | 12.89% | 0.252% |
| 356 | 21.646 | 21.596 | 21.655 | HH | 18698                   | 651123    | 10.81% | 0.212% |
|     |        |        |        |    | Sum of corrected areas: | 307718936 |        |        |

FE022221.M Thu Feb 25 09:45:23 2021