

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102120\  
 Data File : FE033038.D  
 Signal(s) : FID1B.CH  
 Acq On : 21 Oct 2020 21:25  
 Sample : L4436-09 2X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE101420.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         | 2.311       | 2.303        | 2.346      | BH       | -26            | -9261        | -0.08%         | -0.002%       |
| 2         | 2.351       | 2.346        | 2.400      | PH       | -566           | -32869       | -0.28%         | -0.008%       |
| 3         | 2.404       | 2.400        | 2.417      | PH       | -1391          | -15457       | -0.13%         | -0.004%       |
| 4         | 2.422       | 2.417        | 2.481      | PH       | -1623          | -75398       | -0.64%         | -0.017%       |
| 5         | 2.485       | 2.481        | 2.488      | PH       | -2313          | -9847        | -0.08%         | -0.002%       |
| 6         | 2.492       | 2.488        | 2.523      | PH       | -2287          | -52453       | -0.45%         | -0.012%       |
| 7         | 2.529       | 2.523        | 2.572      | PH       | -2617          | -83379       | -0.71%         | -0.019%       |
| 8         | 2.582       | 2.572        | 2.601      | PH       | -2688          | -51932       | -0.44%         | -0.012%       |
| 9         | 2.607       | 2.601        | 2.628      | PH       | -3147          | -52841       | -0.45%         | -0.012%       |
| 10        | 2.632       | 2.628        | 2.647      | PH       | -3417          | -39298       | -0.34%         | -0.009%       |
| 11        | 2.651       | 2.647        | 2.666      | PH       | -3481          | -42663       | -0.36%         | -0.010%       |
| 12        | 2.670       | 2.666        | 2.685      | PH       | -3683          | -43839       | -0.37%         | -0.010%       |
| 13        | 2.691       | 2.685        | 2.708      | PH       | -3843          | -52769       | -0.45%         | -0.012%       |
| 14        | 2.714       | 2.708        | 2.746      | PH       | -4006          | -96198       | -0.82%         | -0.022%       |
| 15        | 2.750       | 2.746        | 2.774      | PH       | -4284          | -75110       | -0.64%         | -0.017%       |
| 16        | 2.777       | 2.774        | 2.780      | PH       | -4444          | -15100       | -0.13%         | -0.003%       |
| 17        | 2.783       | 2.780        | 2.807      | PH       | -4459          | -73915       | -0.63%         | -0.017%       |
| 18        | 2.813       | 2.807        | 2.825      | PH       | -4427          | -47726       | -0.41%         | -0.011%       |
| 19        | 2.831       | 2.825        | 2.848      | PH       | -4545          | -67397       | -0.57%         | -0.016%       |
| 20        | 2.859       | 2.848        | 2.875      | PH       | -4802          | -79098       | -0.67%         | -0.018%       |
| 21        | 2.893       | 2.875        | 2.946      | PH       | -4537          | -209030      | -1.78%         | -0.048%       |
| 22        | 2.955       | 2.946        | 2.966      | PH       | -5041          | -61705       | -0.53%         | -0.014%       |
| 23        | 2.970       | 2.966        | 3.003      | PH       | -5086          | -117023      | -1.00%         | -0.027%       |
| 24        | 3.007       | 3.003        | 3.016      | PH       | -5413          | -44215       | -0.38%         | -0.010%       |
| 25        | 3.021       | 3.016        | 3.029      | PH       | -5480          | -43936       | -0.37%         | -0.010%       |
| 26        | 3.035       | 3.029        | 3.051      | PH       | -5534          | -71902       | -0.61%         | -0.017%       |
| 27        | 3.064       | 3.051        | 3.070      | PH       | -5513          | -63040       | -0.54%         | -0.015%       |
| 28        | 3.073       | 3.070        | 3.077      | PH       | -5606          | -22875       | -0.20%         | -0.005%       |
| 29        | 3.086       | 3.077        | 3.098      | PH       | -5524          | -70487       | -0.60%         | -0.016%       |
| 30        | 3.108       | 3.098        | 3.135      | PH       | -5316          | -123920      | -1.06%         | -0.029%       |
| 31        | 3.147       | 3.135        | 3.155      | PH       | -5669          | -68617       | -0.59%         | -0.016%       |
| 32        | 3.160       | 3.155        | 3.175      | PH       | -5635          | -71298       | -0.61%         | -0.016%       |
| 33        | 3.184       | 3.175        | 3.218      | PH       | -5748          | -150830      | -1.29%         | -0.035%       |
| 34        | 3.226       | 3.218        | 3.232      | PH       | -5929          | -50574       | -0.43%         | -0.012%       |
| 35        | 3.236       | 3.232        | 3.241      | PH       | -5968          | -34410       | -0.29%         | -0.008%       |
| 36        | 3.250       | 3.241        | 3.275      | PH       | -5933          | -123293      | -1.05%         | -0.028%       |

|    |       |       |       |    | rteres |         |        |         |
|----|-------|-------|-------|----|--------|---------|--------|---------|
| 37 | 3.298 | 3.275 | 3.302 | PH | -5890  | -96133  | -0.82% | -0.022% |
| 38 | 3.311 | 3.302 | 3.318 | PH | -5891  | -57786  | -0.49% | -0.013% |
| 39 | 3.323 | 3.318 | 3.328 | PH | -6046  | -34529  | -0.29% | -0.008% |
| 40 | 3.344 | 3.328 | 3.377 | PH | -5636  | -175018 | -1.49% | -0.040% |
| 41 | 3.390 | 3.377 | 3.403 | PH | -6130  | -100281 | -0.86% | -0.023% |
| 42 | 3.408 | 3.403 | 3.417 | PH | -6244  | -51298  | -0.44% | -0.012% |
| 43 | 3.422 | 3.417 | 3.448 | PH | -6264  | -117285 | -1.00% | -0.027% |
| 44 | 3.456 | 3.448 | 3.484 | PH | -6287  | -141301 | -1.20% | -0.033% |
| 45 | 3.499 | 3.484 | 3.513 | PH | -6220  | -107958 | -0.92% | -0.025% |
| 46 | 3.526 | 3.513 | 3.561 | PH | -6112  | -181827 | -1.55% | -0.042% |
| 47 | 3.567 | 3.561 | 3.574 | PH | -6325  | -52384  | -0.45% | -0.012% |
| 48 | 3.579 | 3.574 | 3.588 | PH | -6456  | -52989  | -0.45% | -0.012% |
| 49 | 3.608 | 3.588 | 3.616 | PH | -6324  | -108556 | -0.93% | -0.025% |
| 50 | 3.621 | 3.616 | 3.625 | PH | -6337  | -36769  | -0.31% | -0.008% |
| 51 | 3.642 | 3.625 | 3.664 | PH | -6183  | -147138 | -1.25% | -0.034% |
| 52 | 3.669 | 3.664 | 3.683 | PH | -6324  | -71530  | -0.61% | -0.016% |
| 53 | 3.688 | 3.683 | 3.698 | PH | -6451  | -58692  | -0.50% | -0.014% |
| 54 | 3.710 | 3.698 | 3.734 | PH | -6414  | -138489 | -1.18% | -0.032% |
| 55 | 3.736 | 3.734 | 3.756 | PH | -6476  | -88849  | -0.76% | -0.020% |
| 56 | 3.769 | 3.756 | 3.774 | PH | -6547  | -72601  | -0.62% | -0.017% |
| 57 | 3.780 | 3.774 | 3.786 | PH | -6555  | -43961  | -0.37% | -0.010% |
| 58 | 3.792 | 3.786 | 3.804 | PH | -6523  | -71806  | -0.61% | -0.017% |
| 59 | 3.816 | 3.804 | 3.835 | PH | -6375  | -121069 | -1.03% | -0.028% |
| 60 | 3.843 | 3.835 | 3.851 | PH | -6464  | -65541  | -0.56% | -0.015% |
| 61 | 3.856 | 3.851 | 3.867 | PH | -6497  | -63783  | -0.54% | -0.015% |
| 62 | 3.873 | 3.867 | 3.880 | PH | -6580  | -48552  | -0.41% | -0.011% |
| 63 | 3.891 | 3.880 | 3.903 | PH | -6609  | -95833  | -0.82% | -0.022% |
| 64 | 3.922 | 3.903 | 3.946 | PH | -6467  | -169470 | -1.45% | -0.039% |
| 65 | 3.952 | 3.946 | 3.974 | PH | -6624  | -113021 | -0.96% | -0.026% |
| 66 | 3.978 | 3.974 | 3.990 | PH | -6702  | -61413  | -0.52% | -0.014% |
| 67 | 4.004 | 3.990 | 4.023 | PH | -6433  | -132615 | -1.13% | -0.031% |
| 68 | 4.064 | 4.023 | 4.164 | PH | -4262  | -443514 | -3.78% | -0.102% |
| 69 | 4.175 | 4.164 | 4.188 | PH | -5423  | -78352  | -0.67% | -0.018% |
| 70 | 4.215 | 4.188 | 4.253 | PH | -5255  | -211656 | -1.80% | -0.049% |
| 71 | 4.258 | 4.253 | 4.288 | PH | -5662  | -122622 | -1.05% | -0.028% |
| 72 | 4.294 | 4.288 | 4.329 | PH | -5882  | -150089 | -1.28% | -0.035% |
| 73 | 4.349 | 4.329 | 4.370 | PH | -6014  | -149468 | -1.27% | -0.034% |
| 74 | 4.376 | 4.370 | 4.381 | PH | -6148  | -42100  | -0.36% | -0.010% |
| 75 | 4.400 | 4.381 | 4.436 | PH | -5162  | -195345 | -1.67% | -0.045% |
| 76 | 4.439 | 4.436 | 4.444 | PH | -6176  | -27621  | -0.24% | -0.006% |
| 77 | 4.449 | 4.444 | 4.457 | PH | -6206  | -51538  | -0.44% | -0.012% |
| 78 | 4.466 | 4.457 | 4.484 | PH | -6226  | -102339 | -0.87% | -0.024% |
| 79 | 4.489 | 4.484 | 4.501 | PH | -6191  | -62753  | -0.54% | -0.014% |
| 80 | 4.514 | 4.501 | 4.524 | PH | -6221  | -88452  | -0.75% | -0.020% |
| 81 | 4.530 | 4.524 | 4.537 | PH | -6304  | -48933  | -0.42% | -0.011% |
| 82 | 4.554 | 4.537 | 4.611 | PH | -4646  | -260904 | -2.22% | -0.060% |
| 83 | 4.631 | 4.611 | 4.668 | PH | -5848  | -206863 | -1.76% | -0.048% |
| 84 | 4.682 | 4.668 | 4.711 | PH | -5983  | -159623 | -1.36% | -0.037% |
| 85 | 4.716 | 4.711 | 4.730 | PH | -6326  | -74120  | -0.63% | -0.017% |
| 86 | 4.784 | 4.730 | 4.792 | PH | -6314  | -240043 | -2.05% | -0.055% |
| 87 | 4.814 | 4.792 | 4.849 | PH | -6441  | -221375 | -1.89% | -0.051% |
| 88 | 4.877 | 4.849 | 4.894 | PH | -6407  | -173163 | -1.48% | -0.040% |
| 89 | 4.902 | 4.894 | 4.933 | PH | -6419  | -152500 | -1.30% | -0.035% |

|     |       |       |       |    | rteres |         |        |         |
|-----|-------|-------|-------|----|--------|---------|--------|---------|
| 90  | 4.940 | 4.933 | 4.969 | PH | -6450  | -144418 | -1.23% | -0.033% |
| 91  | 4.993 | 4.969 | 5.031 | PH | -6198  | -237144 | -2.02% | -0.055% |
| 92  | 5.035 | 5.031 | 5.049 | PH | -6344  | -70904  | -0.60% | -0.016% |
| 93  | 5.086 | 5.049 | 5.101 | PH | -6130  | -196818 | -1.68% | -0.045% |
| 94  | 5.133 | 5.101 | 5.179 | PH | -6057  | -291609 | -2.49% | -0.067% |
| 95  | 5.210 | 5.179 | 5.246 | PH | -6213  | -251703 | -2.15% | -0.058% |
| 96  | 5.286 | 5.246 | 5.306 | PH | -6020  | -223877 | -1.91% | -0.052% |
| 97  | 5.314 | 5.306 | 5.356 | PH | -6085  | -185680 | -1.58% | -0.043% |
| 98  | 5.367 | 5.356 | 5.379 | PH | -6268  | -87457  | -0.75% | -0.020% |
| 99  | 5.387 | 5.379 | 5.411 | PH | -6245  | -118351 | -1.01% | -0.027% |
| 100 | 5.433 | 5.411 | 5.490 | PH | -5874  | -294903 | -2.51% | -0.068% |
| 101 | 5.522 | 5.490 | 5.586 | PH | -6071  | -357338 | -3.05% | -0.082% |
| 102 | 5.609 | 5.586 | 5.653 | PH | -6065  | -248464 | -2.12% | -0.057% |
| 103 | 5.710 | 5.653 | 5.721 | PH | -5950  | -251456 | -2.14% | -0.058% |
| 104 | 5.726 | 5.721 | 5.750 | PH | -5912  | -104920 | -0.89% | -0.024% |
| 105 | 5.775 | 5.750 | 5.794 | PH | -5823  | -155862 | -1.33% | -0.036% |
| 106 | 5.804 | 5.794 | 5.841 | PH | -5914  | -167779 | -1.43% | -0.039% |
| 107 | 5.851 | 5.841 | 5.869 | PH | -6000  | -102131 | -0.87% | -0.024% |
| 108 | 5.884 | 5.869 | 5.912 | PH | -5850  | -157638 | -1.34% | -0.036% |
| 109 | 5.928 | 5.912 | 5.939 | PH | -5966  | -94684  | -0.81% | -0.022% |
| 110 | 5.951 | 5.939 | 5.961 | PH | -5970  | -80649  | -0.69% | -0.019% |
| 111 | 6.002 | 5.961 | 6.066 | PH | -5133  | -349426 | -2.98% | -0.081% |
| 112 | 6.074 | 6.066 | 6.094 | PH | -5544  | -92384  | -0.79% | -0.021% |
| 113 | 6.120 | 6.094 | 6.145 | PH | -4246  | -156360 | -1.33% | -0.036% |
| 114 | 6.152 | 6.145 | 6.178 | PH | -5534  | -112074 | -0.96% | -0.026% |
| 115 | 6.195 | 6.178 | 6.209 | PH | -5516  | -103869 | -0.89% | -0.024% |
| 116 | 6.220 | 6.209 | 6.239 | PH | -5438  | -101780 | -0.87% | -0.023% |
| 117 | 6.260 | 6.239 | 6.269 | PH | -5452  | -98280  | -0.84% | -0.023% |
| 118 | 6.287 | 6.269 | 6.298 | PH | -5352  | -94762  | -0.81% | -0.022% |
| 119 | 6.305 | 6.298 | 6.329 | PH | -5384  | -103227 | -0.88% | -0.024% |
| 120 | 6.340 | 6.329 | 6.354 | PH | -5093  | -79859  | -0.68% | -0.018% |
| 121 | 6.378 | 6.354 | 6.388 | PH | -5354  | -110896 | -0.95% | -0.026% |
| 122 | 6.411 | 6.388 | 6.484 | PH | -5072  | -308796 | -2.63% | -0.071% |
| 123 | 6.501 | 6.484 | 6.517 | PH | -5309  | -105932 | -0.90% | -0.024% |
| 124 | 6.527 | 6.517 | 6.537 | PH | -5317  | -65127  | -0.56% | -0.015% |
| 125 | 6.557 | 6.537 | 6.579 | PH | -5157  | -133292 | -1.14% | -0.031% |
| 126 | 6.594 | 6.579 | 6.623 | PH | -5203  | -139419 | -1.19% | -0.032% |
| 127 | 6.632 | 6.623 | 6.644 | PH | -5329  | -69861  | -0.60% | -0.016% |
| 128 | 6.672 | 6.644 | 6.679 | PH | -5285  | -112258 | -0.96% | -0.026% |
| 129 | 6.697 | 6.679 | 6.711 | PH | -5233  | -101605 | -0.87% | -0.023% |
| 130 | 6.767 | 6.711 | 6.794 | PH | -5147  | -262735 | -2.24% | -0.061% |
| 131 | 6.835 | 6.794 | 6.859 | PH | -5063  | -201676 | -1.72% | -0.046% |
| 132 | 6.867 | 6.859 | 6.877 | PH | -5066  | -53908  | -0.46% | -0.012% |
| 133 | 6.912 | 6.877 | 6.922 | PH | -4962  | -134877 | -1.15% | -0.031% |
| 134 | 6.950 | 6.922 | 6.985 | PH | -4779  | -185144 | -1.58% | -0.043% |
| 135 | 6.993 | 6.985 | 6.999 | PH | -4963  | -41957  | -0.36% | -0.010% |
| 136 | 7.071 | 6.999 | 7.094 | PH | -4462  | -268985 | -2.29% | -0.062% |
| 137 | 7.111 | 7.094 | 7.159 | PH | -4184  | -175522 | -1.50% | -0.040% |
| 138 | 7.210 | 7.159 | 7.223 | PH | -4327  | -167859 | -1.43% | -0.039% |
| 139 | 7.232 | 7.223 | 7.271 | PH | -4310  | -128457 | -1.10% | -0.030% |
| 140 | 7.280 | 7.271 | 7.291 | PH | -4249  | -52389  | -0.45% | -0.012% |
| 141 | 7.296 | 7.291 | 7.309 | PH | -4281  | -47916  | -0.41% | -0.011% |

|     |        |        |        |    | rteres |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 142 | 7.332  | 7.309  | 7.388  | PH | -3878  | -200628 | -1.71% | -0.046% |
| 143 | 7.395  | 7.388  | 7.408  | PH | -4472  | -53974  | -0.46% | -0.012% |
| 144 | 7.469  | 7.408  | 7.482  | PH | -4449  | -202030 | -1.72% | -0.047% |
| 145 | 7.517  | 7.482  | 7.532  | PH | -4200  | -131181 | -1.12% | -0.030% |
| 146 | 7.542  | 7.532  | 7.570  | PH | -4197  | -97514  | -0.83% | -0.022% |
| 147 | 7.619  | 7.570  | 7.658  | PH | -3582  | -217556 | -1.86% | -0.050% |
| 148 | 7.668  | 7.658  | 7.677  | PH | -4230  | -49904  | -0.43% | -0.011% |
| 149 | 7.712  | 7.677  | 7.719  | PH | -4137  | -107696 | -0.92% | -0.025% |
| 150 | 7.787  | 7.719  | 7.834  | PH | -3428  | -268490 | -2.29% | -0.062% |
| 151 | 7.852  | 7.834  | 7.876  | PH | -3978  | -100646 | -0.86% | -0.023% |
| 152 | 7.897  | 7.876  | 7.910  | PH | -3764  | -79110  | -0.67% | -0.018% |
| 153 | 7.943  | 7.910  | 7.966  | PH | -3318  | -122161 | -1.04% | -0.028% |
| 154 | 7.974  | 7.966  | 7.993  | PH | -3658  | -58598  | -0.50% | -0.014% |
| 155 | 8.020  | 7.993  | 8.036  | PH | -3190  | -89999  | -0.77% | -0.021% |
| 156 | 8.051  | 8.036  | 8.059  | PH | -3376  | -46432  | -0.40% | -0.011% |
| 157 | 8.088  | 8.059  | 8.099  | PH | -3179  | -79084  | -0.67% | -0.018% |
| 158 | 8.108  | 8.099  | 8.126  | PH | -3139  | -50807  | -0.43% | -0.012% |
| 159 | 8.171  | 8.126  | 8.189  | PH | 5      | -71862  | -0.61% | -0.017% |
| 160 | 8.202  | 8.189  | 8.244  | PH | -1121  | -73301  | -0.63% | -0.017% |
| 161 | 8.273  | 8.244  | 8.313  | PH | 20877  | 297184  | 2.53%  | 0.068%  |
| 162 | 8.329  | 8.313  | 8.544  | HH | 5793   | -26018  | -0.22% | -0.006% |
| 163 | 8.565  | 8.544  | 8.573  | PH | -2100  | -36662  | -0.31% | -0.008% |
| 164 | 8.621  | 8.573  | 8.639  | PH | -698   | -64118  | -0.55% | -0.015% |
| 165 | 8.657  | 8.639  | 8.679  | PH | -1050  | -32893  | -0.28% | -0.008% |
| 166 | 8.695  | 8.679  | 8.711  | PH | -1403  | -28549  | -0.24% | -0.007% |
| 167 | 8.733  | 8.711  | 8.778  | PH | -757   | -59689  | -0.51% | -0.014% |
| 168 | 8.789  | 8.778  | 8.805  | PH | -1880  | -31434  | -0.27% | -0.007% |
| 169 | 8.858  | 8.805  | 8.884  | PH | -1499  | -84899  | -0.72% | -0.020% |
| 170 | 8.894  | 8.884  | 8.906  | PH | -1667  | -22149  | -0.19% | -0.005% |
| 171 | 8.936  | 8.906  | 8.993  | PH | -636   | -61975  | -0.53% | -0.014% |
| 172 | 9.025  | 8.993  | 9.049  | PH | 701    | -18459  | -0.16% | -0.004% |
| 173 | 9.071  | 9.049  | 9.143  | PH | -922   | -72339  | -0.62% | -0.017% |
| 174 | 9.183  | 9.143  | 9.209  | PH | -808   | -55287  | -0.47% | -0.013% |
| 175 | 9.226  | 9.209  | 9.253  | PH | -1202  | -34909  | -0.30% | -0.008% |
| 176 | 9.276  | 9.253  | 9.296  | PH | -1107  | -31789  | -0.27% | -0.007% |
| 177 | 9.319  | 9.296  | 9.349  | PH | -903   | -35210  | -0.30% | -0.008% |
| 178 | 9.384  | 9.349  | 9.395  | PH | 19     | -13882  | -0.12% | -0.003% |
| 179 | 9.419  | 9.395  | 9.464  | PH | 907    | 14503   | 0.12%  | 0.003%  |
| 180 | 9.481  | 9.464  | 9.513  | PH | 171    | -4868   | -0.04% | -0.001% |
| 181 | 9.529  | 9.513  | 9.537  | PH | -138   | -3861   | -0.03% | -0.001% |
| 182 | 9.556  | 9.537  | 9.600  | PH | 532    | 1543    | 0.01%  | 0.000%  |
| 183 | 9.633  | 9.600  | 9.659  | PH | 133    | -10611  | -0.09% | -0.002% |
| 184 | 9.676  | 9.659  | 9.704  | PH | -121   | -10653  | -0.09% | -0.002% |
| 185 | 9.741  | 9.704  | 9.778  | PH | 677    | 7405    | 0.06%  | 0.002%  |
| 186 | 9.802  | 9.778  | 9.841  | PH | 1945   | 25015   | 0.21%  | 0.006%  |
| 187 | 9.849  | 9.841  | 9.859  | HH | 310    | 2477    | 0.02%  | 0.001%  |
| 188 | 9.875  | 9.859  | 9.888  | HH | 266    | 2882    | 0.02%  | 0.001%  |
| 189 | 9.903  | 9.888  | 9.933  | HH | 275    | 4021    | 0.03%  | 0.001%  |
| 190 | 9.958  | 9.933  | 10.013 | PH | 369    | 1476    | 0.01%  | 0.000%  |
| 191 | 10.021 | 10.013 | 10.052 | PH | -216   | -7376   | -0.06% | -0.002% |
| 192 | 10.074 | 10.052 | 10.093 | PH | -141   | -5643   | -0.05% | -0.001% |
| 193 | 10.146 | 10.093 | 10.161 | PH | 701    | 7917    | 0.07%  | 0.002%  |
| 194 | 10.190 | 10.161 | 10.216 | HH | 1194   | 23423   | 0.20%  | 0.005%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 10.250 | 10.216 | 10.263 | HH | 1116   | 20927   | 0.18%  | 0.005% |
| 196 | 10.285 | 10.263 | 10.314 | HH | 1559   | 40889   | 0.35%  | 0.009% |
| 197 | 10.333 | 10.314 | 10.374 | HH | 2544   | 51235   | 0.44%  | 0.012% |
| 198 | 10.400 | 10.374 | 10.434 | HH | 2421   | 64617   | 0.55%  | 0.015% |
| 199 | 10.461 | 10.434 | 10.483 | HH | 3895   | 79395   | 0.68%  | 0.018% |
| 200 | 10.501 | 10.483 | 10.515 | HH | 2973   | 54223   | 0.46%  | 0.012% |
| 201 | 10.537 | 10.515 | 10.558 | HH | 4806   | 88550   | 0.76%  | 0.020% |
| 202 | 10.576 | 10.558 | 10.588 | HH | 2994   | 49801   | 0.42%  | 0.011% |
| 203 | 10.612 | 10.588 | 10.691 | HH | 5269   | 215627  | 1.84%  | 0.050% |
| 204 | 10.713 | 10.691 | 10.733 | HH | 3330   | 64672   | 0.55%  | 0.015% |
| 205 | 10.764 | 10.733 | 10.783 | HH | 3012   | 76702   | 0.65%  | 0.018% |
| 206 | 10.812 | 10.783 | 10.868 | HH | 54339  | 999049  | 8.52%  | 0.230% |
| 207 | 10.893 | 10.868 | 11.038 | HH | 19732  | 718837  | 6.13%  | 0.166% |
| 208 | 11.045 | 11.038 | 11.086 | HH | 2952   | 78239   | 0.67%  | 0.018% |
| 209 | 11.119 | 11.086 | 11.135 | HH | 3833   | 94334   | 0.80%  | 0.022% |
| 210 | 11.171 | 11.135 | 11.191 | HH | 4073   | 123180  | 1.05%  | 0.028% |
| 211 | 11.211 | 11.191 | 11.223 | HH | 4110   | 73411   | 0.63%  | 0.017% |
| 212 | 11.241 | 11.223 | 11.257 | HH | 6068   | 98222   | 0.84%  | 0.023% |
| 213 | 11.273 | 11.257 | 11.307 | HH | 7049   | 159317  | 1.36%  | 0.037% |
| 214 | 11.337 | 11.307 | 11.384 | HH | 8297   | 253660  | 2.16%  | 0.058% |
| 215 | 11.404 | 11.384 | 11.424 | HH | 4967   | 103840  | 0.89%  | 0.024% |
| 216 | 11.438 | 11.424 | 11.454 | HH | 4642   | 76164   | 0.65%  | 0.018% |
| 217 | 11.472 | 11.454 | 11.498 | HH | 5143   | 120975  | 1.03%  | 0.028% |
| 218 | 11.520 | 11.498 | 11.581 | HH | 5258   | 223231  | 1.90%  | 0.051% |
| 219 | 11.615 | 11.581 | 11.631 | HH | 14295  | 260154  | 2.22%  | 0.060% |
| 220 | 11.648 | 11.631 | 11.698 | HH | 17012  | 398193  | 3.40%  | 0.092% |
| 221 | 11.726 | 11.698 | 11.748 | HH | 19002  | 356168  | 3.04%  | 0.082% |
| 222 | 11.762 | 11.748 | 11.777 | HH | 12618  | 190358  | 1.62%  | 0.044% |
| 223 | 11.795 | 11.777 | 11.873 | HH | 14603  | 447845  | 3.82%  | 0.103% |
| 224 | 11.909 | 11.873 | 11.933 | HH | 7978   | 216910  | 1.85%  | 0.050% |
| 225 | 11.948 | 11.933 | 11.961 | HH | 5478   | 87904   | 0.75%  | 0.020% |
| 226 | 12.017 | 11.961 | 12.062 | HH | 9633   | 419823  | 3.58%  | 0.097% |
| 227 | 12.088 | 12.062 | 12.133 | HH | 11583  | 362640  | 3.09%  | 0.084% |
| 228 | 12.178 | 12.133 | 12.253 | HH | 97756  | 1717692 | 14.65% | 0.396% |
| 229 | 12.264 | 12.253 | 12.279 | HH | 7764   | 120878  | 1.03%  | 0.028% |
| 230 | 12.298 | 12.279 | 12.319 | HH | 7684   | 180459  | 1.54%  | 0.042% |
| 231 | 12.334 | 12.319 | 12.344 | HH | 7995   | 112462  | 0.96%  | 0.026% |
| 232 | 12.360 | 12.344 | 12.385 | HH | 8522   | 193586  | 1.65%  | 0.045% |
| 233 | 12.406 | 12.385 | 12.451 | HH | 10996  | 350414  | 2.99%  | 0.081% |
| 234 | 12.511 | 12.451 | 12.531 | HH | 19185  | 585846  | 5.00%  | 0.135% |
| 235 | 12.549 | 12.531 | 12.604 | HH | 15250  | 505205  | 4.31%  | 0.116% |
| 236 | 12.631 | 12.604 | 12.699 | HH | 154465 | 2443766 | 20.84% | 0.563% |
| 237 | 12.726 | 12.699 | 12.755 | HH | 9254   | 293841  | 2.51%  | 0.068% |
| 238 | 12.783 | 12.755 | 12.802 | HH | 12251  | 296318  | 2.53%  | 0.068% |
| 239 | 12.820 | 12.802 | 12.859 | HH | 13944  | 390864  | 3.33%  | 0.090% |
| 240 | 12.881 | 12.859 | 12.901 | HH | 10801  | 257026  | 2.19%  | 0.059% |
| 241 | 12.930 | 12.901 | 12.971 | HH | 133659 | 2003959 | 17.09% | 0.462% |
| 242 | 12.987 | 12.971 | 13.005 | HH | 20275  | 352708  | 3.01%  | 0.081% |
| 243 | 13.022 | 13.005 | 13.082 | HH | 19480  | 618712  | 5.28%  | 0.143% |
| 244 | 13.109 | 13.082 | 13.143 | HH | 12285  | 389588  | 3.32%  | 0.090% |
| 245 | 13.163 | 13.143 | 13.182 | HH | 12909  | 268638  | 2.29%  | 0.062% |
| 246 | 13.210 | 13.182 | 13.243 | HH | 16750  | 498751  | 4.25%  | 0.115% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 13.260 | 13.243 | 13.296 | HH | 13921  | 395670  | 3.37%  | 0.091% |
| 248    | 13.339 | 13.296 | 13.359 | HH | 12757  | 447092  | 3.81%  | 0.103% |
| 249    | 13.398 | 13.359 | 13.464 | HH | 30072  | 996623  | 8.50%  | 0.230% |
| 250    | 13.527 | 13.464 | 13.571 | HH | 28421  | 1070462 | 9.13%  | 0.247% |
|        |        |        |        |    |        |         |        |        |
| 251    | 13.583 | 13.571 | 13.606 | HH | 13327  | 266476  | 2.27%  | 0.061% |
| 252    | 13.634 | 13.606 | 13.653 | HH | 20534  | 443100  | 3.78%  | 0.102% |
| 253    | 13.673 | 13.653 | 13.726 | HH | 22091  | 750173  | 6.40%  | 0.173% |
| 254    | 13.749 | 13.726 | 13.765 | HH | 18364  | 373467  | 3.18%  | 0.086% |
| 255    | 13.799 | 13.765 | 13.824 | HH | 23389  | 638071  | 5.44%  | 0.147% |
|        |        |        |        |    |        |         |        |        |
| 256    | 13.842 | 13.824 | 13.893 | HH | 19718  | 626403  | 5.34%  | 0.144% |
| 257    | 13.901 | 13.893 | 13.937 | HH | 12883  | 334045  | 2.85%  | 0.077% |
| 258    | 13.962 | 13.937 | 13.986 | HH | 13867  | 385766  | 3.29%  | 0.089% |
| 259    | 13.996 | 13.986 | 14.019 | HH | 13477  | 257919  | 2.20%  | 0.059% |
| 260    | 14.031 | 14.019 | 14.063 | HH | 12773  | 322046  | 2.75%  | 0.074% |
|        |        |        |        |    |        |         |        |        |
| 261    | 14.147 | 14.063 | 14.177 | HH | 20362  | 1002336 | 8.55%  | 0.231% |
| 262    | 14.232 | 14.177 | 14.243 | HH | 16680  | 594537  | 5.07%  | 0.137% |
| 263    | 14.256 | 14.243 | 14.271 | HH | 17210  | 281386  | 2.40%  | 0.065% |
| 264    | 14.308 | 14.271 | 14.333 | HH | 20988  | 684939  | 5.84%  | 0.158% |
| 265    | 14.341 | 14.333 | 14.351 | HH | 17555  | 189332  | 1.61%  | 0.044% |
|        |        |        |        |    |        |         |        |        |
| 266    | 14.376 | 14.351 | 14.422 | HH | 20870  | 759234  | 6.47%  | 0.175% |
| 267    | 14.450 | 14.422 | 14.476 | HH | 24501  | 665365  | 5.67%  | 0.153% |
| 268    | 14.504 | 14.476 | 14.544 | HH | 29604  | 935618  | 7.98%  | 0.216% |
| 269    | 14.564 | 14.544 | 14.581 | HH | 20434  | 425728  | 3.63%  | 0.098% |
| 270    | 14.600 | 14.581 | 14.614 | HH | 21850  | 406754  | 3.47%  | 0.094% |
|        |        |        |        |    |        |         |        |        |
| 271    | 14.648 | 14.614 | 14.681 | HH | 204398 | 3306013 | 28.19% | 0.762% |
| 272    | 14.700 | 14.681 | 14.759 | HH | 22215  | 863958  | 7.37%  | 0.199% |
| 273    | 14.818 | 14.759 | 14.838 | HH | 78625  | 1685257 | 14.37% | 0.388% |
| 274    | 14.859 | 14.838 | 14.943 | HH | 79591  | 2335982 | 19.92% | 0.538% |
| 275    | 14.977 | 14.943 | 15.001 | HH | 28284  | 805063  | 6.87%  | 0.185% |
|        |        |        |        |    |        |         |        |        |
| 276    | 15.015 | 15.001 | 15.076 | HH | 22983  | 946547  | 8.07%  | 0.218% |
| 277    | 15.097 | 15.076 | 15.111 | HH | 22059  | 444880  | 3.79%  | 0.103% |
| 278    | 15.171 | 15.111 | 15.205 | HH | 25147  | 1282883 | 10.94% | 0.296% |
| 279    | 15.236 | 15.205 | 15.345 | HH | 157538 | 4019775 | 34.28% | 0.926% |
| 280    | 15.372 | 15.345 | 15.413 | HH | 28383  | 996965  | 8.50%  | 0.230% |
|        |        |        |        |    |        |         |        |        |
| 281    | 15.443 | 15.413 | 15.469 | HH | 40096  | 985745  | 8.41%  | 0.227% |
| 282    | 15.494 | 15.469 | 15.519 | HH | 36199  | 883218  | 7.53%  | 0.203% |
| 283    | 15.535 | 15.519 | 15.573 | HH | 28544  | 851162  | 7.26%  | 0.196% |
| 284    | 15.593 | 15.573 | 15.613 | HH | 26257  | 608394  | 5.19%  | 0.140% |
| 285    | 15.641 | 15.613 | 15.654 | HH | 30557  | 687341  | 5.86%  | 0.158% |
|        |        |        |        |    |        |         |        |        |
| 286    | 15.664 | 15.654 | 15.704 | HH | 30008  | 836619  | 7.13%  | 0.193% |
| 287    | 15.726 | 15.704 | 15.739 | HH | 27158  | 550152  | 4.69%  | 0.127% |
| 288    | 15.755 | 15.739 | 15.794 | HH | 28875  | 884955  | 7.55%  | 0.204% |
| 289    | 15.821 | 15.794 | 15.848 | HH | 26581  | 815029  | 6.95%  | 0.188% |
| 290    | 15.873 | 15.848 | 15.896 | HH | 31026  | 808814  | 6.90%  | 0.186% |
|        |        |        |        |    |        |         |        |        |
| 291    | 15.934 | 15.896 | 15.988 | HH | 28072  | 1477603 | 12.60% | 0.340% |
| 292    | 16.006 | 15.988 | 16.021 | HH | 26358  | 507102  | 4.32%  | 0.117% |
| 293    | 16.090 | 16.021 | 16.118 | HH | 28501  | 1578898 | 13.46% | 0.364% |
| 294    | 16.167 | 16.118 | 16.220 | HH | 34375  | 1889883 | 16.12% | 0.435% |
| 295    | 16.254 | 16.220 | 16.286 | HH | 47293  | 1467314 | 12.51% | 0.338% |
|        |        |        |        |    |        |         |        |        |
| 296    | 16.312 | 16.286 | 16.332 | HH | 34272  | 926693  | 7.90%  | 0.214% |
| 297    | 16.388 | 16.332 | 16.481 | HH | 94226  | 4640873 | 39.58% | 1.069% |
| 298    | 16.521 | 16.481 | 16.609 | HH | 43421  | 2816002 | 24.01% | 0.649% |
| 299    | 16.653 | 16.609 | 16.679 | HH | 42733  | 1613799 | 13.76% | 0.372% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 16.710 | 16.679 | 16.747 | HH | 68187  | 2064388 | 17.60% | 0.476% |
| 301 | 16.774 | 16.747 | 16.804 | HH | 78035  | 2037252 | 17.37% | 0.469% |
| 302 | 16.822 | 16.804 | 16.846 | HH | 59245  | 1302021 | 11.10% | 0.300% |
| 303 | 16.874 | 16.846 | 16.928 | HH | 53319  | 2292149 | 19.55% | 0.528% |
| 304 | 16.944 | 16.928 | 16.966 | HH | 42108  | 963479  | 8.22%  | 0.222% |
| 305 | 17.015 | 16.966 | 17.055 | HH | 45331  | 2314597 | 19.74% | 0.533% |
| 306 | 17.070 | 17.055 | 17.086 | HH | 44663  | 833898  | 7.11%  | 0.192% |
| 307 | 17.100 | 17.086 | 17.108 | HH | 44565  | 569611  | 4.86%  | 0.131% |
| 308 | 17.162 | 17.108 | 17.174 | HH | 49431  | 1882576 | 16.05% | 0.434% |
| 309 | 17.195 | 17.174 | 17.231 | HH | 56054  | 1735005 | 14.80% | 0.400% |
| 310 | 17.274 | 17.231 | 17.330 | HH | 70407  | 3130652 | 26.70% | 0.721% |
| 311 | 17.363 | 17.330 | 17.378 | HH | 50546  | 1444773 | 12.32% | 0.333% |
| 312 | 17.386 | 17.378 | 17.412 | HH | 50583  | 1006049 | 8.58%  | 0.232% |
| 313 | 17.439 | 17.412 | 17.478 | HH | 52816  | 2039851 | 17.40% | 0.470% |
| 314 | 17.485 | 17.478 | 17.523 | HH | 51757  | 1367124 | 11.66% | 0.315% |
| 315 | 17.563 | 17.523 | 17.586 | HH | 53743  | 1964219 | 16.75% | 0.453% |
| 316 | 17.672 | 17.586 | 17.683 | HH | 57899  | 3210346 | 27.38% | 0.740% |
| 317 | 17.712 | 17.683 | 17.746 | HH | 83078  | 2504331 | 21.36% | 0.577% |
| 318 | 17.760 | 17.746 | 17.773 | HH | 57982  | 934380  | 7.97%  | 0.215% |
| 319 | 17.803 | 17.773 | 17.826 | HH | 64955  | 1960987 | 16.72% | 0.452% |
| 320 | 17.859 | 17.826 | 17.906 | HH | 67651  | 3061703 | 26.11% | 0.705% |
| 321 | 17.946 | 17.906 | 18.004 | HH | 68479  | 3877400 | 33.07% | 0.893% |
| 322 | 18.038 | 18.004 | 18.049 | HH | 75577  | 1913645 | 16.32% | 0.441% |
| 323 | 18.075 | 18.049 | 18.109 | HH | 124756 | 3465233 | 29.55% | 0.798% |
| 324 | 18.136 | 18.109 | 18.152 | HH | 100922 | 2234670 | 19.06% | 0.515% |
| 325 | 18.167 | 18.152 | 18.213 | HH | 90361  | 3107470 | 26.50% | 0.716% |
| 326 | 18.227 | 18.213 | 18.274 | HH | 83595  | 2880977 | 24.57% | 0.664% |
| 327 | 18.328 | 18.274 | 18.351 | HH | 80526  | 3626246 | 30.92% | 0.835% |
| 328 | 18.424 | 18.351 | 18.467 | HH | 98094  | 5912887 | 50.42% | 1.362% |
| 329 | 18.543 | 18.467 | 18.593 | HH | 120151 | 7000601 | 59.70% | 1.613% |
| 330 | 18.603 | 18.593 | 18.613 | HH | 87091  | 1037697 | 8.85%  | 0.239% |
| 331 | 18.645 | 18.613 | 18.679 | HH | 96544  | 3616503 | 30.84% | 0.833% |
| 332 | 18.703 | 18.679 | 18.729 | HH | 94428  | 2786861 | 23.77% | 0.642% |
| 333 | 18.742 | 18.729 | 18.761 | HH | 92338  | 1734220 | 14.79% | 0.400% |
| 334 | 18.831 | 18.761 | 18.845 | HH | 96653  | 4759866 | 40.59% | 1.097% |
| 335 | 18.907 | 18.845 | 18.926 | HH | 130227 | 5230299 | 44.60% | 1.205% |
| 336 | 18.943 | 18.926 | 19.008 | HH | 125613 | 5469354 | 46.64% | 1.260% |
| 337 | 19.046 | 19.008 | 19.068 | HH | 109209 | 3822627 | 32.60% | 0.881% |
| 338 | 19.097 | 19.068 | 19.113 | HH | 110675 | 2927499 | 24.97% | 0.675% |
| 339 | 19.143 | 19.113 | 19.164 | HH | 111712 | 3437467 | 29.31% | 0.792% |
| 340 | 19.187 | 19.164 | 19.218 | HH | 112991 | 3576115 | 30.50% | 0.824% |
| 341 | 19.245 | 19.218 | 19.263 | HH | 116243 | 3084884 | 26.31% | 0.711% |
| 342 | 19.329 | 19.263 | 19.359 | HH | 137601 | 7052674 | 60.14% | 1.625% |
| 343 | 19.371 | 19.359 | 19.380 | HH | 123184 | 1591116 | 13.57% | 0.367% |
| 344 | 19.403 | 19.380 | 19.421 | HH | 129015 | 3077765 | 26.25% | 0.709% |
| 345 | 19.446 | 19.421 | 19.467 | HH | 131334 | 3552733 | 30.30% | 0.819% |
| 346 | 19.519 | 19.467 | 19.542 | HH | 133925 | 5874302 | 50.09% | 1.353% |
| 347 | 19.569 | 19.542 | 19.577 | HH | 133660 | 2747026 | 23.43% | 0.633% |
| 348 | 19.626 | 19.577 | 19.642 | HH | 143407 | 5473078 | 46.67% | 1.261% |
| 349 | 19.699 | 19.642 | 19.728 | HH | 174118 | 7902392 | 67.39% | 1.821% |
| 350 | 19.754 | 19.728 | 19.771 | HH | 151221 | 3910065 | 33.34% | 0.901% |
| 351 | 19.797 | 19.771 | 19.819 | HH | 151736 | 4331402 | 36.94% | 0.998% |

|                         |        |        |        |    | rters     |          |         |        |
|-------------------------|--------|--------|--------|----|-----------|----------|---------|--------|
| 352                     | 19.876 | 19.819 | 19.884 | HH | 155868    | 5980846  | 51.00%  | 1.378% |
| 353                     | 19.983 | 19.884 | 19.999 | HH | 167838    | 11272195 | 96.13%  | 2.597% |
| 354                     | 20.071 | 19.999 | 20.092 | HH | 189350    | 9662539  | 82.40%  | 2.226% |
| 355                     | 20.103 | 20.092 | 20.119 | HH | 177923    | 2827058  | 24.11%  | 0.651% |
| 356                     | 20.143 | 20.119 | 20.159 | HH | 180560    | 4321169  | 36.85%  | 0.996% |
| 357                     | 20.233 | 20.159 | 20.264 | HH | 189841    | 11628537 | 99.17%  | 2.679% |
| 358                     | 20.273 | 20.264 | 20.283 | HH | 188464    | 2038844  | 17.39%  | 0.470% |
| 359                     | 20.315 | 20.283 | 20.324 | HH | 191984    | 4763642  | 40.62%  | 1.098% |
| 360                     | 20.344 | 20.324 | 20.358 | HH | 197213    | 3905774  | 33.31%  | 0.900% |
| 361                     | 20.370 | 20.358 | 20.379 | HH | 198197    | 2491928  | 21.25%  | 0.574% |
| 362                     | 20.426 | 20.379 | 20.468 | HH | 213795    | 10818814 | 92.26%  | 2.493% |
| 363                     | 20.477 | 20.468 | 20.501 | HH | 199986    | 3949234  | 33.68%  | 0.910% |
| 364                     | 20.532 | 20.501 | 20.546 | HH | 196949    | 5278595  | 45.01%  | 1.216% |
| 365                     | 20.564 | 20.546 | 20.574 | HH | 197284    | 3317755  | 28.29%  | 0.764% |
| 366                     | 20.591 | 20.574 | 20.613 | HH | 198619    | 4527091  | 38.61%  | 1.043% |
| 367                     | 20.624 | 20.613 | 20.632 | HH | 196220    | 2252295  | 19.21%  | 0.519% |
| 368                     | 20.651 | 20.632 | 20.673 | HH | 197772    | 4801596  | 40.95%  | 1.106% |
| 369                     | 20.682 | 20.673 | 20.705 | HH | 195786    | 3722952  | 31.75%  | 0.858% |
| 370                     | 20.723 | 20.705 | 20.744 | HH | 195376    | 4651399  | 39.67%  | 1.072% |
| 371                     | 20.766 | 20.744 | 20.781 | HH | 194467    | 4268362  | 36.40%  | 0.983% |
| 372                     | 20.806 | 20.781 | 20.844 | HH | 205932    | 7510906  | 64.05%  | 1.731% |
| 373                     | 20.883 | 20.844 | 20.898 | HH | 192790    | 6185022  | 52.74%  | 1.425% |
| 374                     | 20.910 | 20.898 | 20.928 | HH | 192843    | 3388715  | 28.90%  | 0.781% |
| 375                     | 20.952 | 20.928 | 20.979 | HH | 194114    | 5909591  | 50.40%  | 1.362% |
| 376                     | 20.987 | 20.979 | 21.009 | HH | 192874    | 3494688  | 29.80%  | 0.805% |
| 377                     | 21.027 | 21.009 | 21.050 | HH | 191646    | 4707570  | 40.15%  | 1.085% |
| 378                     | 21.067 | 21.050 | 21.093 | HH | 191819    | 4847116  | 41.34%  | 1.117% |
| 379                     | 21.106 | 21.093 | 21.133 | HH | 190277    | 4542866  | 38.74%  | 1.047% |
| 380                     | 21.149 | 21.133 | 21.174 | HH | 189633    | 4704739  | 40.12%  | 1.084% |
| 381                     | 21.238 | 21.174 | 21.269 | HH | 198381    | 10793670 | 92.05%  | 2.487% |
| 382                     | 21.286 | 21.269 | 21.311 | HH | 188274    | 4780391  | 40.77%  | 1.101% |
| 383                     | 21.328 | 21.311 | 21.341 | HH | 188727    | 3345522  | 28.53%  | 0.771% |
| 384                     | 21.362 | 21.341 | 21.447 | HH | 186636    | 11726347 | 100.00% | 2.702% |
| 385                     | 21.459 | 21.447 | 21.486 | HH | 184345    | 4324274  | 36.88%  | 0.996% |
| 386                     | 21.528 | 21.486 | 21.576 | HH | 185795    | 9911192  | 84.52%  | 2.284% |
| 387                     | 21.588 | 21.576 | 21.639 | HH | 185078    | 6968232  | 59.42%  | 1.605% |
| 388                     | 21.674 | 21.639 | 21.694 | HH | 185426    | 6034272  | 51.46%  | 1.390% |
| 389                     | 21.724 | 21.694 | 21.789 | HH | 194221    | 10651986 | 90.84%  | 2.454% |
| Sum of corrected areas: |        |        |        |    | 434025089 |          |         |        |

FE101420.M Thu Oct 22 08:55:24 2020