

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG081121\  
 Data File : FG008592.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Aug 2021 17:08  
 Sample : M3324-01MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG071521.M  
 Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.356       | 2.322        | 2.458      | BH       | 428829         | 3181399      | 26.39%         | 0.905%        |
| 2         | 2.496       | 2.458        | 2.515      | PH       | 81             | -3095        | -0.03%         | -0.001%       |
| 3         | 2.528       | 2.515        | 2.568      | PH       | 1257           | 10767        | 0.09%          | 0.003%        |
| 4         | 2.585       | 2.568        | 2.614      | PH       | 1326           | 8418         | 0.07%          | 0.002%        |
| 5         | 2.636       | 2.614        | 2.657      | PH       | 972            | 8164         | 0.07%          | 0.002%        |
| 6         | 2.671       | 2.657        | 2.705      | HH       | 496            | 6443         | 0.05%          | 0.002%        |
| 7         | 2.720       | 2.705        | 2.763      | HH       | 159            | 799          | 0.01%          | 0.000%        |
| 8         | 2.775       | 2.763        | 2.798      | PH       | -14            | -1858        | -0.02%         | -0.001%       |
| 9         | 2.817       | 2.798        | 2.830      | PH       | -36            | -1902        | -0.02%         | -0.001%       |
| 10        | 2.834       | 2.830        | 2.888      | PH       | -141           | -7593        | -0.06%         | -0.002%       |
| 11        | 2.911       | 2.888        | 2.951      | PH       | 72             | -4785        | -0.04%         | -0.001%       |
| 12        | 2.975       | 2.951        | 3.058      | PH       | -89            | -13095       | -0.11%         | -0.004%       |
| 13        | 3.088       | 3.058        | 3.150      | PH       | 321            | 3366         | 0.03%          | 0.001%        |
| 14        | 3.167       | 3.150        | 3.247      | PH       | 556            | -5080        | -0.04%         | -0.001%       |
| 15        | 3.267       | 3.247        | 3.328      | PH       | 401            | -3621        | -0.03%         | -0.001%       |
| 16        | 3.340       | 3.328        | 3.364      | PH       | -194           | -5406        | -0.04%         | -0.002%       |
| 17        | 3.385       | 3.364        | 3.435      | PH       | 668            | -5649        | -0.05%         | -0.002%       |
| 18        | 3.453       | 3.435        | 3.462      | PH       | -205           | -4408        | -0.04%         | -0.001%       |
| 19        | 3.469       | 3.462        | 3.507      | PH       | -268           | -8202        | -0.07%         | -0.002%       |
| 20        | 3.553       | 3.507        | 3.566      | PH       | -124           | -6865        | -0.06%         | -0.002%       |
| 21        | 3.584       | 3.566        | 3.605      | PH       | -112           | -3543        | -0.03%         | -0.001%       |
| 22        | 3.623       | 3.605        | 3.648      | PH       | 89             | -802         | -0.01%         | -0.000%       |
| 23        | 3.660       | 3.648        | 3.669      | PH       | 81             | 426          | 0.00%          | 0.000%        |
| 24        | 3.690       | 3.669        | 3.715      | PH       | 514            | 3868         | 0.03%          | 0.001%        |
| 25        | 3.717       | 3.715        | 3.735      | PH       | 66             | -502         | -0.00%         | -0.000%       |
| 26        | 3.758       | 3.735        | 3.786      | PH       | 255            | 751          | 0.01%          | 0.000%        |
| 27        | 3.793       | 3.786        | 3.822      | PH       | -73            | -2810        | -0.02%         | -0.001%       |
| 28        | 3.856       | 3.822        | 3.868      | PH       | 4              | -2097        | -0.02%         | -0.001%       |
| 29        | 3.884       | 3.868        | 3.918      | PH       | 143            | -1271        | -0.01%         | -0.000%       |
| 30        | 3.932       | 3.918        | 3.952      | PH       | 71             | -1864        | -0.02%         | -0.001%       |
| 31        | 3.975       | 3.952        | 4.035      | PH       | 1              | -9564        | -0.08%         | -0.003%       |
| 32        | 4.099       | 4.035        | 4.128      | PH       | 1982           | 31709        | 0.26%          | 0.009%        |
| 33        | 4.138       | 4.128        | 4.181      | HH       | 285            | 2106         | 0.02%          | 0.001%        |
| 34        | 4.223       | 4.181        | 4.242      | PH       | 1130           | 10567        | 0.09%          | 0.003%        |
| 35        | 4.254       | 4.242        | 4.325      | HH       | 716            | 3876         | 0.03%          | 0.001%        |
| 36        | 4.338       | 4.325        | 4.367      | PH       | 4              | -2093        | -0.02%         | -0.001%       |

|    |       |       |       |    | rteres |         |        |         |
|----|-------|-------|-------|----|--------|---------|--------|---------|
| 37 | 4.375 | 4.367 | 4.383 | PH | -70    | -974    | -0.01% | -0.000% |
| 38 | 4.392 | 4.383 | 4.429 | PH | -4     | -3025   | -0.03% | -0.001% |
| 39 | 4.460 | 4.429 | 4.523 | PH | 439669 | 4001030 | 33.19% | 1.138%  |
| 40 | 4.535 | 4.523 | 4.552 | HH | 313    | 3097    | 0.03%  | 0.001%  |
| 41 | 4.564 | 4.552 | 4.582 | HH | 102    | 448     | 0.00%  | 0.000%  |
| 42 | 4.608 | 4.582 | 4.629 | PH | 1490   | 12702   | 0.11%  | 0.004%  |
| 43 | 4.646 | 4.629 | 4.670 | PH | 347    | 3284    | 0.03%  | 0.001%  |
| 44 | 4.681 | 4.670 | 4.701 | HH | 112    | 46      | 0.00%  | 0.000%  |
| 45 | 4.713 | 4.701 | 4.730 | PH | -64    | -2681   | -0.02% | -0.001% |
| 46 | 4.746 | 4.730 | 4.782 | PH | 43     | -5636   | -0.05% | -0.002% |
| 47 | 4.802 | 4.782 | 4.827 | PH | 112    | -2022   | -0.02% | -0.001% |
| 48 | 4.847 | 4.827 | 4.862 | PH | -23    | -3484   | -0.03% | -0.001% |
| 49 | 4.878 | 4.862 | 4.928 | PH | -267   | -11847  | -0.10% | -0.003% |
| 50 | 4.935 | 4.928 | 4.952 | PH | -234   | -4285   | -0.04% | -0.001% |
| 51 | 4.963 | 4.952 | 5.010 | PH | -214   | -12495  | -0.10% | -0.004% |
| 52 | 5.054 | 5.010 | 5.078 | PH | -53    | -10193  | -0.08% | -0.003% |
| 53 | 5.095 | 5.078 | 5.134 | PH | 202    | -3711   | -0.03% | -0.001% |
| 54 | 5.152 | 5.134 | 5.172 | PH | -107   | -5539   | -0.05% | -0.002% |
| 55 | 5.205 | 5.172 | 5.224 | PH | 39     | -6455   | -0.05% | -0.002% |
| 56 | 5.240 | 5.224 | 5.254 | PH | -216   | -5043   | -0.04% | -0.001% |
| 57 | 5.268 | 5.254 | 5.302 | PH | -284   | -10439  | -0.09% | -0.003% |
| 58 | 5.324 | 5.302 | 5.365 | PH | 1558   | 17450   | 0.14%  | 0.005%  |
| 59 | 5.383 | 5.365 | 5.418 | PH | -124   | -10089  | -0.08% | -0.003% |
| 60 | 5.458 | 5.418 | 5.479 | PH | -181   | -11243  | -0.09% | -0.003% |
| 61 | 5.501 | 5.479 | 5.528 | PH | 2951   | 22059   | 0.18%  | 0.006%  |
| 62 | 5.557 | 5.528 | 5.598 | PH | 773    | -1908   | -0.02% | -0.001% |
| 63 | 5.613 | 5.598 | 5.648 | PH | -254   | -10796  | -0.09% | -0.003% |
| 64 | 5.669 | 5.648 | 5.703 | PH | -141   | -11507  | -0.10% | -0.003% |
| 65 | 5.721 | 5.703 | 5.788 | PH | -36    | -15167  | -0.13% | -0.004% |
| 66 | 5.808 | 5.788 | 5.830 | PH | -275   | -9131   | -0.08% | -0.003% |
| 67 | 5.846 | 5.830 | 5.868 | PH | -199   | -7293   | -0.06% | -0.002% |
| 68 | 5.875 | 5.868 | 5.898 | PH | -380   | -7694   | -0.06% | -0.002% |
| 69 | 5.920 | 5.898 | 5.937 | PH | -267   | -7959   | -0.07% | -0.002% |
| 70 | 5.958 | 5.937 | 5.992 | PH | 1071   | 2921    | 0.02%  | 0.001%  |
| 71 | 6.006 | 5.992 | 6.023 | PH | -147   | -3751   | -0.03% | -0.001% |
| 72 | 6.052 | 6.023 | 6.092 | PH | 1524   | 19628   | 0.16%  | 0.006%  |
| 73 | 6.113 | 6.092 | 6.180 | PH | 35685  | 389431  | 3.23%  | 0.111%  |
| 74 | 6.201 | 6.180 | 6.248 | HH | 925    | 13444   | 0.11%  | 0.004%  |
| 75 | 6.256 | 6.248 | 6.308 | PH | -25    | -4788   | -0.04% | -0.001% |
| 76 | 6.333 | 6.308 | 6.347 | PH | 701    | 4647    | 0.04%  | 0.001%  |
| 77 | 6.376 | 6.347 | 6.440 | HH | 8211   | 158952  | 1.32%  | 0.045%  |
| 78 | 6.450 | 6.440 | 6.457 | HH | 899    | 8176    | 0.07%  | 0.002%  |
| 79 | 6.489 | 6.457 | 6.608 | HH | 424508 | 4175256 | 34.64% | 1.188%  |
| 80 | 6.637 | 6.608 | 6.678 | PH | -29    | -6781   | -0.06% | -0.002% |
| 81 | 6.689 | 6.678 | 6.728 | PH | -205   | -7924   | -0.07% | -0.002% |
| 82 | 6.737 | 6.728 | 6.752 | PH | -309   | -5289   | -0.04% | -0.002% |
| 83 | 6.771 | 6.752 | 6.795 | PH | -171   | -8049   | -0.07% | -0.002% |
| 84 | 6.816 | 6.795 | 6.846 | PH | -289   | -9942   | -0.08% | -0.003% |
| 85 | 6.854 | 6.846 | 6.866 | PH | -373   | -4932   | -0.04% | -0.001% |
| 86 | 6.879 | 6.866 | 6.909 | PH | -387   | -10763  | -0.09% | -0.003% |
| 87 | 6.965 | 6.909 | 7.080 | PH | 1772   | 12101   | 0.10%  | 0.003%  |
| 88 | 7.092 | 7.080 | 7.105 | PH | -277   | -4601   | -0.04% | -0.001% |
| 89 | 7.122 | 7.105 | 7.132 | PH | 267    | 511     | 0.00%  | 0.000%  |

|     |        |        |        |    |        |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
|     |        |        |        |    | rteres |         |        |         |
| 90  | 7.146  | 7.132  | 7.182  | PH | 810    | 4164    | 0.03%  | 0.001%  |
| 91  | 7.190  | 7.182  | 7.226  | PH | -138   | -8450   | -0.07% | -0.002% |
| 92  | 7.254  | 7.226  | 7.268  | PH | 223    | -2151   | -0.02% | -0.001% |
| 93  | 7.284  | 7.268  | 7.305  | HH | 478    | 4056    | 0.03%  | 0.001%  |
| 94  | 7.324  | 7.305  | 7.362  | PH | -10    | -7610   | -0.06% | -0.002% |
| 95  | 7.374  | 7.362  | 7.395  | PH | -311   | -7236   | -0.06% | -0.002% |
| 96  | 7.415  | 7.395  | 7.462  | PH | 1528   | 13813   | 0.11%  | 0.004%  |
| 97  | 7.475  | 7.462  | 7.491  | PH | -140   | -3620   | -0.03% | -0.001% |
| 98  | 7.511  | 7.491  | 7.521  | PH | -149   | -3726   | -0.03% | -0.001% |
| 99  | 7.535  | 7.521  | 7.620  | PH | -103   | -18735  | -0.16% | -0.005% |
| 100 | 7.649  | 7.620  | 7.681  | PH | 841    | -722    | -0.01% | -0.000% |
| 101 | 7.703  | 7.681  | 7.736  | PH | 3353   | 27854   | 0.23%  | 0.008%  |
| 102 | 7.760  | 7.736  | 7.803  | PH | -233   | -12227  | -0.10% | -0.003% |
| 103 | 7.870  | 7.803  | 7.963  | PH | 4678   | 67060   | 0.56%  | 0.019%  |
| 104 | 7.984  | 7.963  | 8.005  | PH | 313    | 418     | 0.00%  | 0.000%  |
| 105 | 8.034  | 8.005  | 8.048  | PH | 86     | -50     | -0.00% | -0.000% |
| 106 | 8.059  | 8.048  | 8.088  | PH | -18    | -2536   | -0.02% | -0.001% |
| 107 | 8.123  | 8.088  | 8.145  | PH | 1985   | 26738   | 0.22%  | 0.008%  |
| 108 | 8.177  | 8.145  | 8.207  | HH | 1035   | 27277   | 0.23%  | 0.008%  |
| 109 | 8.290  | 8.207  | 8.382  | HH | 399860 | 4299489 | 35.67% | 1.223%  |
| 110 | 8.408  | 8.382  | 8.508  | HH | 2202   | 44220   | 0.37%  | 0.013%  |
| 111 | 8.545  | 8.508  | 8.588  | PH | 690    | 7855    | 0.07%  | 0.002%  |
| 112 | 8.612  | 8.588  | 8.625  | PH | 324    | 4386    | 0.04%  | 0.001%  |
| 113 | 8.656  | 8.625  | 8.689  | HH | 610    | 15475   | 0.13%  | 0.004%  |
| 114 | 8.704  | 8.689  | 8.716  | HH | 693    | 7172    | 0.06%  | 0.002%  |
| 115 | 8.761  | 8.716  | 8.788  | HH | 2142   | 42599   | 0.35%  | 0.012%  |
| 116 | 8.793  | 8.788  | 8.809  | HH | 418    | 4350    | 0.04%  | 0.001%  |
| 117 | 8.830  | 8.809  | 8.865  | HH | 949    | 13719   | 0.11%  | 0.004%  |
| 118 | 8.904  | 8.865  | 8.928  | HH | 890    | 17669   | 0.15%  | 0.005%  |
| 119 | 8.938  | 8.928  | 8.962  | HH | 540    | 7050    | 0.06%  | 0.002%  |
| 120 | 8.978  | 8.962  | 8.994  | HH | 551    | 6792    | 0.06%  | 0.002%  |
| 121 | 9.032  | 8.994  | 9.075  | HH | 1487   | 39011   | 0.32%  | 0.011%  |
| 122 | 9.114  | 9.075  | 9.129  | HH | 2470   | 29908   | 0.25%  | 0.009%  |
| 123 | 9.142  | 9.129  | 9.191  | HH | 1833   | 21935   | 0.18%  | 0.006%  |
| 124 | 9.208  | 9.191  | 9.240  | PH | 125    | -845    | -0.01% | -0.000% |
| 125 | 9.301  | 9.240  | 9.342  | PH | 394    | 6687    | 0.06%  | 0.002%  |
| 126 | 9.354  | 9.342  | 9.369  | HH | 183    | 1180    | 0.01%  | 0.000%  |
| 127 | 9.379  | 9.369  | 9.388  | PH | 28     | 38      | 0.00%  | 0.000%  |
| 128 | 9.411  | 9.388  | 9.425  | PH | 172    | 1835    | 0.02%  | 0.001%  |
| 129 | 9.447  | 9.425  | 9.476  | PH | 2837   | 40408   | 0.34%  | 0.011%  |
| 130 | 9.495  | 9.476  | 9.522  | HH | 1781   | 28245   | 0.23%  | 0.008%  |
| 131 | 9.568  | 9.522  | 9.601  | HH | 697    | 19562   | 0.16%  | 0.006%  |
| 132 | 9.622  | 9.601  | 9.653  | HH | 595    | 11744   | 0.10%  | 0.003%  |
| 133 | 9.673  | 9.653  | 9.695  | HH | 538    | 6422    | 0.05%  | 0.002%  |
| 134 | 9.731  | 9.695  | 9.752  | HH | 1496   | 19493   | 0.16%  | 0.006%  |
| 135 | 9.770  | 9.752  | 9.798  | HH | 1071   | 13981   | 0.12%  | 0.004%  |
| 136 | 9.830  | 9.798  | 9.860  | HH | 1370   | 26497   | 0.22%  | 0.008%  |
| 137 | 9.896  | 9.860  | 9.980  | HH | 372000 | 4145580 | 34.39% | 1.179%  |
| 138 | 9.999  | 9.980  | 10.028 | HH | 1204   | 21612   | 0.18%  | 0.006%  |
| 139 | 10.056 | 10.028 | 10.100 | HH | 2035   | 34872   | 0.29%  | 0.010%  |
| 140 | 10.116 | 10.100 | 10.135 | HH | 367    | 6467    | 0.05%  | 0.002%  |
| 141 | 10.148 | 10.135 | 10.180 | HH | 347    | 7099    | 0.06%  | 0.002%  |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.241 | 10.180 | 10.268 | HH | 1126   | 33297   | 0.28%  | 0.009% |
| 143 | 10.283 | 10.268 | 10.303 | HH | 1384   | 22302   | 0.19%  | 0.006% |
| 144 | 10.328 | 10.303 | 10.361 | HH | 2192   | 48955   | 0.41%  | 0.014% |
| 145 | 10.377 | 10.361 | 10.405 | HH | 1163   | 20427   | 0.17%  | 0.006% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.457 | 10.405 | 10.467 | HH | 1164   | 28318   | 0.23%  | 0.008% |
| 147 | 10.520 | 10.467 | 10.570 | HH | 2481   | 103899  | 0.86%  | 0.030% |
| 148 | 10.592 | 10.570 | 10.614 | HH | 3438   | 60438   | 0.50%  | 0.017% |
| 149 | 10.635 | 10.614 | 10.675 | HH | 6904   | 109482  | 0.91%  | 0.031% |
| 150 | 10.705 | 10.675 | 10.723 | HH | 1929   | 45325   | 0.38%  | 0.013% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.737 | 10.723 | 10.766 | HH | 1881   | 37559   | 0.31%  | 0.011% |
| 152 | 10.784 | 10.766 | 10.805 | HH | 1548   | 30583   | 0.25%  | 0.009% |
| 153 | 10.821 | 10.805 | 10.834 | HH | 1295   | 20848   | 0.17%  | 0.006% |
| 154 | 10.860 | 10.834 | 10.880 | HH | 8485   | 118297  | 0.98%  | 0.034% |
| 155 | 10.899 | 10.880 | 10.947 | HH | 8237   | 163253  | 1.35%  | 0.046% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.976 | 10.947 | 10.999 | HH | 3422   | 73125   | 0.61%  | 0.021% |
| 157 | 11.008 | 10.999 | 11.042 | HH | 1633   | 37374   | 0.31%  | 0.011% |
| 158 | 11.063 | 11.042 | 11.115 | HH | 2069   | 73986   | 0.61%  | 0.021% |
| 159 | 11.149 | 11.115 | 11.176 | HH | 1859   | 55926   | 0.46%  | 0.016% |
| 160 | 11.199 | 11.176 | 11.243 | HH | 2692   | 78153   | 0.65%  | 0.022% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.275 | 11.243 | 11.288 | HH | 1955   | 46844   | 0.39%  | 0.013% |
| 162 | 11.342 | 11.288 | 11.398 | HH | 356495 | 4211953 | 34.94% | 1.198% |
| 163 | 11.422 | 11.398 | 11.465 | HH | 3851   | 109643  | 0.91%  | 0.031% |
| 164 | 11.502 | 11.465 | 11.516 | HH | 4094   | 81834   | 0.68%  | 0.023% |
| 165 | 11.535 | 11.516 | 11.561 | HH | 8292   | 126001  | 1.05%  | 0.036% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.587 | 11.561 | 11.625 | HH | 10825  | 190408  | 1.58%  | 0.054% |
| 167 | 11.655 | 11.625 | 11.683 | HH | 4355   | 106833  | 0.89%  | 0.030% |
| 168 | 11.705 | 11.683 | 11.718 | HH | 3303   | 60883   | 0.51%  | 0.017% |
| 169 | 11.746 | 11.718 | 11.785 | HH | 5167   | 160114  | 1.33%  | 0.046% |
| 170 | 11.821 | 11.785 | 11.840 | HH | 4201   | 108679  | 0.90%  | 0.031% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.865 | 11.840 | 11.929 | HH | 5865   | 211783  | 1.76%  | 0.060% |
| 172 | 11.956 | 11.929 | 11.978 | HH | 3283   | 83601   | 0.69%  | 0.024% |
| 173 | 12.014 | 11.978 | 12.041 | HH | 5161   | 149530  | 1.24%  | 0.043% |
| 174 | 12.066 | 12.041 | 12.088 | HH | 9074   | 167989  | 1.39%  | 0.048% |
| 175 | 12.107 | 12.088 | 12.150 | HH | 7532   | 195065  | 1.62%  | 0.055% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.174 | 12.150 | 12.220 | HH | 16197  | 309067  | 2.56%  | 0.088% |
| 177 | 12.270 | 12.220 | 12.338 | HH | 59062  | 936469  | 7.77%  | 0.266% |
| 178 | 12.350 | 12.338 | 12.365 | HH | 4424   | 68719   | 0.57%  | 0.020% |
| 179 | 12.424 | 12.365 | 12.458 | HH | 4661   | 244976  | 2.03%  | 0.070% |
| 180 | 12.480 | 12.458 | 12.505 | HH | 6401   | 145721  | 1.21%  | 0.041% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.518 | 12.505 | 12.542 | HH | 4568   | 94915   | 0.79%  | 0.027% |
| 182 | 12.657 | 12.542 | 12.693 | HH | 342874 | 4500641 | 37.34% | 1.280% |
| 183 | 12.724 | 12.693 | 12.766 | HH | 22159  | 415365  | 3.45%  | 0.118% |
| 184 | 12.779 | 12.766 | 12.808 | HH | 5108   | 125301  | 1.04%  | 0.036% |
| 185 | 12.822 | 12.808 | 12.832 | HH | 5091   | 69086   | 0.57%  | 0.020% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.850 | 12.832 | 12.875 | HH | 5545   | 138149  | 1.15%  | 0.039% |
| 187 | 12.916 | 12.875 | 12.949 | HH | 7415   | 265681  | 2.20%  | 0.076% |
| 188 | 12.964 | 12.949 | 12.988 | HH | 6061   | 134530  | 1.12%  | 0.038% |
| 189 | 13.025 | 12.988 | 13.044 | HH | 21313  | 379359  | 3.15%  | 0.108% |
| 190 | 13.058 | 13.044 | 13.099 | HH | 11579  | 290812  | 2.41%  | 0.083% |
|     |        |        |        |    |        |         |        |        |
| 191 | 13.114 | 13.099 | 13.131 | HH | 7139   | 131442  | 1.09%  | 0.037% |
| 192 | 13.145 | 13.131 | 13.157 | HH | 6530   | 98588   | 0.82%  | 0.028% |
| 193 | 13.200 | 13.157 | 13.238 | HH | 9257   | 356195  | 2.96%  | 0.101% |
| 194 | 13.269 | 13.238 | 13.308 | HH | 13189  | 386320  | 3.21%  | 0.110% |

|     |        |        |        |    | rteres |         |        |        |  |
|-----|--------|--------|--------|----|--------|---------|--------|--------|--|
| 195 | 13.319 | 13.308 | 13.342 | HH | 7895   | 151327  | 1.26%  | 0.043% |  |
| 196 | 13.396 | 13.342 | 13.434 | HH | 10829  | 436935  | 3.63%  | 0.124% |  |
| 197 | 13.477 | 13.434 | 13.489 | HH | 9175   | 262522  | 2.18%  | 0.075% |  |
| 198 | 13.504 | 13.489 | 13.563 | HH | 9937   | 353433  | 2.93%  | 0.101% |  |
| 199 | 13.615 | 13.563 | 13.638 | HH | 9868   | 364678  | 3.03%  | 0.104% |  |
| 200 | 13.657 | 13.638 | 13.672 | HH | 8104   | 158279  | 1.31%  | 0.045% |  |
| 201 | 13.679 | 13.672 | 13.703 | HH | 7982   | 146093  | 1.21%  | 0.042% |  |
| 202 | 13.724 | 13.703 | 13.745 | HH | 10281  | 226259  | 1.88%  | 0.064% |  |
| 203 | 13.765 | 13.745 | 13.779 | HH | 9099   | 174595  | 1.45%  | 0.050% |  |
| 204 | 13.803 | 13.779 | 13.824 | HH | 12298  | 271618  | 2.25%  | 0.077% |  |
| 205 | 13.858 | 13.824 | 13.916 | HH | 317197 | 4291201 | 35.60% | 1.221% |  |
| 206 | 13.935 | 13.916 | 13.978 | HH | 9439   | 329249  | 2.73%  | 0.094% |  |
| 207 | 14.012 | 13.978 | 14.037 | HH | 9013   | 309499  | 2.57%  | 0.088% |  |
| 208 | 14.083 | 14.037 | 14.094 | HH | 9980   | 318765  | 2.64%  | 0.091% |  |
| 209 | 14.107 | 14.094 | 14.128 | HH | 10159  | 195772  | 1.62%  | 0.056% |  |
| 210 | 14.147 | 14.128 | 14.167 | HH | 9558   | 214831  | 1.78%  | 0.061% |  |
| 211 | 14.249 | 14.167 | 14.311 | HH | 25511  | 1110657 | 9.21%  | 0.316% |  |
| 212 | 14.331 | 14.311 | 14.341 | HH | 11276  | 197569  | 1.64%  | 0.056% |  |
| 213 | 14.360 | 14.341 | 14.393 | HH | 12734  | 366443  | 3.04%  | 0.104% |  |
| 214 | 14.421 | 14.393 | 14.468 | HH | 26680  | 713220  | 5.92%  | 0.203% |  |
| 215 | 14.484 | 14.468 | 14.504 | HH | 15680  | 298397  | 2.48%  | 0.085% |  |
| 216 | 14.525 | 14.504 | 14.574 | HH | 17068  | 561594  | 4.66%  | 0.160% |  |
| 217 | 14.598 | 14.574 | 14.618 | HH | 13267  | 319577  | 2.65%  | 0.091% |  |
| 218 | 14.644 | 14.618 | 14.697 | HH | 16631  | 634022  | 5.26%  | 0.180% |  |
| 219 | 14.716 | 14.697 | 14.723 | HH | 12450  | 196961  | 1.63%  | 0.056% |  |
| 220 | 14.760 | 14.723 | 14.793 | HH | 148394 | 2340499 | 19.42% | 0.666% |  |
| 221 | 14.808 | 14.793 | 14.839 | HH | 15463  | 386331  | 3.21%  | 0.110% |  |
| 222 | 14.858 | 14.839 | 14.875 | HH | 12912  | 277463  | 2.30%  | 0.079% |  |
| 223 | 14.913 | 14.875 | 14.930 | HH | 21498  | 554443  | 4.60%  | 0.158% |  |
| 224 | 14.965 | 14.930 | 14.996 | HH | 296456 | 4235367 | 35.14% | 1.205% |  |
| 225 | 15.012 | 14.996 | 15.047 | HH | 18958  | 488472  | 4.05%  | 0.139% |  |
| 226 | 15.074 | 15.047 | 15.089 | HH | 15394  | 364157  | 3.02%  | 0.104% |  |
| 227 | 15.103 | 15.089 | 15.128 | HH | 14508  | 328319  | 2.72%  | 0.093% |  |
| 228 | 15.160 | 15.128 | 15.183 | HH | 15283  | 471017  | 3.91%  | 0.134% |  |
| 229 | 15.223 | 15.183 | 15.236 | HH | 15194  | 458552  | 3.80%  | 0.130% |  |
| 230 | 15.259 | 15.236 | 15.280 | HH | 15390  | 398490  | 3.31%  | 0.113% |  |
| 231 | 15.344 | 15.280 | 15.422 | HH | 107587 | 2664966 | 22.11% | 0.758% |  |
| 232 | 15.442 | 15.422 | 15.460 | HH | 18378  | 397363  | 3.30%  | 0.113% |  |
| 233 | 15.485 | 15.460 | 15.523 | HH | 37388  | 929228  | 7.71%  | 0.264% |  |
| 234 | 15.563 | 15.523 | 15.605 | HH | 21256  | 952827  | 7.91%  | 0.271% |  |
| 235 | 15.623 | 15.605 | 15.645 | HH | 19356  | 440385  | 3.65%  | 0.125% |  |
| 236 | 15.674 | 15.645 | 15.684 | HH | 17456  | 403611  | 3.35%  | 0.115% |  |
| 237 | 15.752 | 15.684 | 15.785 | HH | 19615  | 1119290 | 9.29%  | 0.318% |  |
| 238 | 15.862 | 15.785 | 15.898 | HH | 26094  | 1377327 | 11.43% | 0.392% |  |
| 239 | 15.914 | 15.898 | 15.929 | HH | 19667  | 359265  | 2.98%  | 0.102% |  |
| 240 | 15.990 | 15.929 | 16.025 | HH | 283004 | 4488950 | 37.24% | 1.277% |  |
| 241 | 16.051 | 16.025 | 16.108 | HH | 27737  | 1097167 | 9.10%  | 0.312% |  |
| 242 | 16.119 | 16.108 | 16.142 | HH | 19961  | 397981  | 3.30%  | 0.113% |  |
| 243 | 16.190 | 16.142 | 16.198 | HH | 21535  | 703925  | 5.84%  | 0.200% |  |
| 244 | 16.211 | 16.198 | 16.246 | HH | 21687  | 611202  | 5.07%  | 0.174% |  |
| 245 | 16.294 | 16.246 | 16.323 | HH | 25484  | 1077858 | 8.94%  | 0.307% |  |
| 246 | 16.360 | 16.323 | 16.405 | HH | 83149  | 2010487 | 16.68% | 0.572% |  |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.474 | 16.405 | 16.523 | HH | 61757  | 2384010 | 19.78% | 0.678% |
| 248    | 16.548 | 16.523 | 16.584 | HH | 32451  | 1028954 | 8.54%  | 0.293% |
| 249    | 16.608 | 16.584 | 16.664 | HH | 29148  | 1290130 | 10.70% | 0.367% |
| 250    | 16.735 | 16.664 | 16.753 | HH | 29520  | 1462738 | 12.14% | 0.416% |
|        |        |        |        |    |        |         |        |        |
| 251    | 16.770 | 16.753 | 16.785 | HH | 29290  | 563635  | 4.68%  | 0.160% |
| 252    | 16.802 | 16.785 | 16.822 | HH | 36191  | 731268  | 6.07%  | 0.208% |
| 253    | 16.857 | 16.822 | 16.888 | HH | 38860  | 1326054 | 11.00% | 0.377% |
| 254    | 16.942 | 16.888 | 16.973 | HH | 270270 | 4857264 | 40.30% | 1.382% |
| 255    | 16.991 | 16.973 | 17.003 | HH | 46300  | 752700  | 6.24%  | 0.214% |
|        |        |        |        |    |        |         |        |        |
| 256    | 17.018 | 17.003 | 17.055 | HH | 52753  | 1255273 | 10.41% | 0.357% |
| 257    | 17.072 | 17.055 | 17.102 | HH | 31774  | 888228  | 7.37%  | 0.253% |
| 258    | 17.199 | 17.102 | 17.252 | HH | 34894  | 3002832 | 24.91% | 0.854% |
| 259    | 17.307 | 17.252 | 17.354 | HH | 106204 | 3225296 | 26.76% | 0.918% |
| 260    | 17.391 | 17.354 | 17.428 | HH | 101152 | 2604321 | 21.61% | 0.741% |
|        |        |        |        |    |        |         |        |        |
| 261    | 17.439 | 17.428 | 17.454 | HH | 38673  | 578720  | 4.80%  | 0.165% |
| 262    | 17.476 | 17.454 | 17.501 | HH | 45317  | 1165393 | 9.67%  | 0.332% |
| 263    | 17.522 | 17.501 | 17.546 | HH | 40002  | 1031293 | 8.56%  | 0.293% |
| 264    | 17.571 | 17.546 | 17.585 | HH | 39962  | 908635  | 7.54%  | 0.259% |
| 265    | 17.613 | 17.585 | 17.642 | HH | 40531  | 1338152 | 11.10% | 0.381% |
|        |        |        |        |    |        |         |        |        |
| 266    | 17.670 | 17.642 | 17.717 | HH | 42805  | 1842675 | 15.29% | 0.524% |
| 267    | 17.757 | 17.717 | 17.787 | HH | 50778  | 1948846 | 16.17% | 0.554% |
| 268    | 17.834 | 17.787 | 17.871 | HH | 275766 | 5538016 | 45.95% | 1.576% |
| 269    | 17.924 | 17.871 | 17.954 | HH | 91819  | 3202573 | 26.57% | 0.911% |
| 270    | 17.988 | 17.954 | 18.000 | HH | 54602  | 1455484 | 12.08% | 0.414% |
|        |        |        |        |    |        |         |        |        |
| 271    | 18.015 | 18.000 | 18.038 | HH | 54212  | 1200356 | 9.96%  | 0.341% |
| 272    | 18.067 | 18.038 | 18.108 | HH | 60019  | 2213373 | 18.36% | 0.630% |
| 273    | 18.191 | 18.108 | 18.223 | HH | 155580 | 5380254 | 44.64% | 1.531% |
| 274    | 18.255 | 18.223 | 18.310 | HH | 135929 | 4278176 | 35.49% | 1.217% |
| 275    | 18.357 | 18.310 | 18.375 | HH | 66354  | 2347686 | 19.48% | 0.668% |
|        |        |        |        |    |        |         |        |        |
| 276    | 18.392 | 18.375 | 18.452 | HH | 63523  | 2652161 | 22.00% | 0.755% |
| 277    | 18.496 | 18.452 | 18.514 | HH | 62434  | 2172754 | 18.03% | 0.618% |
| 278    | 18.528 | 18.514 | 18.537 | HH | 60645  | 845396  | 7.01%  | 0.241% |
| 279    | 18.562 | 18.537 | 18.586 | HH | 71095  | 1876141 | 15.57% | 0.534% |
| 280    | 18.614 | 18.586 | 18.628 | HH | 70174  | 1687070 | 14.00% | 0.480% |
|        |        |        |        |    |        |         |        |        |
| 281    | 18.668 | 18.628 | 18.726 | HH | 302418 | 7698842 | 63.87% | 2.190% |
| 282    | 18.762 | 18.726 | 18.778 | HH | 112210 | 2782458 | 23.08% | 0.792% |
| 283    | 18.787 | 18.778 | 18.814 | HH | 102500 | 1895578 | 15.73% | 0.539% |
| 284    | 18.829 | 18.814 | 18.855 | HH | 78187  | 1817582 | 15.08% | 0.517% |
| 285    | 18.876 | 18.855 | 18.905 | HH | 76546  | 2135068 | 17.71% | 0.607% |
|        |        |        |        |    |        |         |        |        |
| 286    | 18.957 | 18.905 | 18.982 | HH | 181616 | 4667489 | 38.72% | 1.328% |
| 287    | 19.029 | 18.982 | 19.052 | HH | 262463 | 6421173 | 53.27% | 1.827% |
| 288    | 19.075 | 19.052 | 19.126 | HH | 247537 | 6318893 | 52.42% | 1.798% |
| 289    | 19.152 | 19.126 | 19.183 | HH | 108564 | 3163931 | 26.25% | 0.900% |
| 290    | 19.209 | 19.183 | 19.230 | HH | 113003 | 2677455 | 22.21% | 0.762% |
|        |        |        |        |    |        |         |        |        |
| 291    | 19.239 | 19.230 | 19.272 | HH | 87974  | 2070094 | 17.17% | 0.589% |
| 292    | 19.316 | 19.272 | 19.336 | HH | 108566 | 3551151 | 29.46% | 1.010% |
| 293    | 19.360 | 19.336 | 19.401 | HH | 112236 | 3668061 | 30.43% | 1.044% |
| 294    | 19.454 | 19.401 | 19.502 | HH | 302601 | 7925000 | 65.75% | 2.255% |
| 295    | 19.524 | 19.502 | 19.546 | HH | 116218 | 2610736 | 21.66% | 0.743% |
|        |        |        |        |    |        |         |        |        |
| 296    | 19.558 | 19.546 | 19.601 | HH | 96019  | 2858976 | 23.72% | 0.813% |
| 297    | 19.638 | 19.601 | 19.651 | HH | 86758  | 2493121 | 20.68% | 0.709% |
| 298    | 19.674 | 19.651 | 19.698 | HH | 88293  | 2400433 | 19.92% | 0.683% |
| 299    | 19.740 | 19.698 | 19.774 | HH | 108074 | 4189046 | 34.75% | 1.192% |

|     |        |        |        |     |        |          |         |        |
|-----|--------|--------|--------|-----|--------|----------|---------|--------|
|     |        |        |        |     | rteres |          |         |        |
| 300 | 19.812 | 19.774 | 19.846 | HH  | 118170 | 4336243  | 35.98%  | 1.234% |
| 301 | 19.860 | 19.846 | 19.902 | HH  | 89644  | 2865204  | 23.77%  | 0.815% |
| 302 | 19.927 | 19.902 | 19.946 | HH  | 90028  | 2316298  | 19.22%  | 0.659% |
| 303 | 19.975 | 19.946 | 20.007 | HH  | 93301  | 3378116  | 28.03%  | 0.961% |
| 304 | 20.140 | 20.007 | 20.165 | HH  | 293710 | 11413470 | 94.69%  | 3.247% |
| 305 | 20.197 | 20.165 | 20.232 | HH  | 315866 | 6930149  | 57.50%  | 1.972% |
| 306 | 20.247 | 20.232 | 20.270 | HH  | 93206  | 2111951  | 17.52%  | 0.601% |
| 307 | 20.316 | 20.270 | 20.332 | HH  | 98726  | 3536239  | 29.34%  | 1.006% |
| 308 | 20.348 | 20.332 | 20.372 | HH  | 97897  | 2357076  | 19.56%  | 0.671% |
| 309 | 20.418 | 20.372 | 20.442 | HH  | 98400  | 4040427  | 33.52%  | 1.149% |
| 310 | 20.455 | 20.442 | 20.465 | HH  | 97434  | 1323477  | 10.98%  | 0.377% |
| 311 | 20.509 | 20.465 | 20.518 | HH  | 105136 | 3197506  | 26.53%  | 0.910% |
| 312 | 20.537 | 20.518 | 20.572 | HH  | 111837 | 3391299  | 28.14%  | 0.965% |
| 313 | 20.591 | 20.572 | 20.632 | HH  | 99844  | 3437811  | 28.52%  | 0.978% |
| 314 | 20.658 | 20.632 | 20.702 | HH  | 96512  | 3927468  | 32.58%  | 1.117% |
| 315 | 20.711 | 20.702 | 20.719 | HH  | 89279  | 909302   | 7.54%   | 0.259% |
| 316 | 20.727 | 20.719 | 20.756 | HH  | 88963  | 1931368  | 16.02%  | 0.549% |
| 317 | 20.779 | 20.756 | 20.808 | HH  | 92458  | 2868373  | 23.80%  | 0.816% |
| 318 | 20.869 | 20.808 | 20.904 | HH  | 93187  | 5258024  | 43.62%  | 1.496% |
| 319 | 20.952 | 20.904 | 21.002 | HH  | 274564 | 8653801  | 71.80%  | 2.462% |
| 320 | 21.017 | 21.002 | 21.128 | HH  | 90043  | 6668762  | 55.33%  | 1.897% |
| 321 | 21.162 | 21.128 | 21.207 | HH  | 87828  | 4109544  | 34.09%  | 1.169% |
| 322 | 21.219 | 21.207 | 21.255 | HH  | 85375  | 2424250  | 20.11%  | 0.690% |
| 323 | 21.283 | 21.255 | 21.332 | HH  | 86016  | 3883808  | 32.22%  | 1.105% |
| 324 | 21.395 | 21.332 | 21.421 | HH  | 87173  | 4588441  | 38.07%  | 1.305% |
| 325 | 21.477 | 21.421 | 21.552 | HH  | 93011  | 6909053  | 57.32%  | 1.966% |
| 326 | 21.560 | 21.552 | 21.635 | HH  | 83103  | 4044381  | 33.55%  | 1.151% |
| 327 | 21.647 | 21.635 | 21.678 | HH  | 80455  | 2067487  | 17.15%  | 0.588% |
| 328 | 21.720 | 21.678 | 21.746 | HH  | 83743  | 3286092  | 27.26%  | 0.935% |
| 329 | 21.776 | 21.746 | 21.824 | HH  | 84458  | 3866317  | 32.08%  | 1.100% |
| 330 | 21.905 | 21.824 | 22.002 | HHA | 213802 | 12053269 | 100.00% | 3.429% |

Sum of corrected areas: 351499554

FG071521.M Thu Aug 12 08:15:10 2021