

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF092821\  
 Data File : FF009034.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Sep 2021 17:23  
 Sample : M3951-01 50X  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF090721.M  
 Title :

Signal : FID2B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.366       | 2.340        | 2.369      | BH       | 22             | 111          | 0.00%          | 0.000%        |
| 2         | 2.376       | 2.369        | 2.387      | PH       | 127            | 546          | 0.01%          | 0.000%        |
| 3         | 2.402       | 2.387        | 2.423      | PH       | 132            | 940          | 0.02%          | 0.001%        |
| 4         | 2.429       | 2.423        | 2.453      | PH       | 123            | 868          | 0.02%          | 0.001%        |
| 5         | 2.463       | 2.453        | 2.469      | PH       | 94             | 502          | 0.01%          | 0.000%        |
| 6         | 2.473       | 2.469        | 2.483      | HH       | 115            | 481          | 0.01%          | 0.000%        |
| 7         | 2.486       | 2.483        | 2.493      | HH       | 133            | 497          | 0.01%          | 0.000%        |
| 8         | 2.499       | 2.493        | 2.522      | HH       | 100            | 1118         | 0.02%          | 0.001%        |
| 9         | 2.529       | 2.522        | 2.534      | HH       | 125            | 616          | 0.01%          | 0.000%        |
| 10        | 2.537       | 2.534        | 2.544      | HH       | 160            | 573          | 0.01%          | 0.000%        |
| 11        | 2.547       | 2.544        | 2.555      | HH       | 181            | 843          | 0.02%          | 0.001%        |
| 12        | 2.559       | 2.555        | 2.569      | HH       | 229            | 1558         | 0.03%          | 0.001%        |
| 13        | 2.589       | 2.569        | 2.600      | HH       | 250            | 2744         | 0.05%          | 0.002%        |
| 14        | 2.605       | 2.600        | 2.612      | HH       | 231            | 1321         | 0.03%          | 0.001%        |
| 15        | 2.616       | 2.612        | 2.623      | HH       | 225            | 992          | 0.02%          | 0.001%        |
| 16        | 2.644       | 2.623        | 2.659      | HH       | 258            | 3869         | 0.07%          | 0.003%        |
| 17        | 2.667       | 2.659        | 2.690      | HH       | 192            | 2953         | 0.06%          | 0.002%        |
| 18        | 2.699       | 2.690        | 2.703      | HH       | 244            | 1269         | 0.02%          | 0.001%        |
| 19        | 2.716       | 2.703        | 2.720      | HH       | 195            | 1778         | 0.03%          | 0.001%        |
| 20        | 2.724       | 2.720        | 2.729      | HH       | 193            | 902          | 0.02%          | 0.001%        |
| 21        | 2.734       | 2.729        | 2.752      | HH       | 200            | 1937         | 0.04%          | 0.001%        |
| 22        | 2.766       | 2.752        | 2.799      | HH       | 301            | 5459         | 0.10%          | 0.004%        |
| 23        | 2.800       | 2.799        | 2.805      | HH       | 268            | 641          | 0.01%          | 0.000%        |
| 24        | 2.809       | 2.805        | 2.830      | HH       | 195            | 2142         | 0.04%          | 0.001%        |
| 25        | 2.855       | 2.830        | 2.863      | HH       | 285            | 3521         | 0.07%          | 0.002%        |
| 26        | 2.869       | 2.863        | 2.881      | HH       | 208            | 1955         | 0.04%          | 0.001%        |
| 27        | 2.907       | 2.881        | 2.919      | HH       | 279            | 4128         | 0.08%          | 0.003%        |
| 28        | 2.928       | 2.919        | 2.933      | HH       | 268            | 1803         | 0.03%          | 0.001%        |
| 29        | 2.945       | 2.933        | 2.950      | HH       | 247            | 2208         | 0.04%          | 0.001%        |
| 30        | 2.955       | 2.950        | 2.968      | HH       | 231            | 1932         | 0.04%          | 0.001%        |
| 31        | 2.970       | 2.968        | 2.987      | HH       | 293            | 2405         | 0.05%          | 0.002%        |
| 32        | 3.000       | 2.987        | 3.020      | HH       | 295            | 4847         | 0.09%          | 0.003%        |
| 33        | 3.025       | 3.020        | 3.036      | HH       | 304            | 2537         | 0.05%          | 0.002%        |
| 34        | 3.047       | 3.036        | 3.066      | HH       | 330            | 4001         | 0.08%          | 0.003%        |
| 35        | 3.071       | 3.066        | 3.076      | HH       | 238            | 1233         | 0.02%          | 0.001%        |
| 36        | 3.080       | 3.076        | 3.086      | HH       | 281            | 1392         | 0.03%          | 0.001%        |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 3.091 | 3.086 | 3.100 | HH | 287    | 2201   | 0.04%  | 0.001%  |
| 38 | 3.109 | 3.100 | 3.130 | HH | 333    | 4354   | 0.08%  | 0.003%  |
| 39 | 3.158 | 3.130 | 3.170 | HH | 313    | 5733   | 0.11%  | 0.004%  |
| 40 | 3.186 | 3.170 | 3.211 | HH | 1308   | 15428  | 0.30%  | 0.010%  |
| 41 | 3.216 | 3.211 | 3.224 | HH | 354    | 2401   | 0.05%  | 0.002%  |
| 42 | 3.231 | 3.224 | 3.249 | HH | 323    | 4341   | 0.08%  | 0.003%  |
| 43 | 3.255 | 3.249 | 3.267 | HH | 316    | 2969   | 0.06%  | 0.002%  |
| 44 | 3.272 | 3.267 | 3.277 | HH | 323    | 1664   | 0.03%  | 0.001%  |
| 45 | 3.294 | 3.277 | 3.312 | HH | 362    | 6212   | 0.12%  | 0.004%  |
| 46 | 3.319 | 3.312 | 3.324 | HH | 316    | 1848   | 0.04%  | 0.001%  |
| 47 | 3.328 | 3.324 | 3.349 | HH | 296    | 4218   | 0.08%  | 0.003%  |
| 48 | 3.366 | 3.349 | 3.378 | HH | 349    | 4926   | 0.09%  | 0.003%  |
| 49 | 3.384 | 3.378 | 3.451 | HH | 295    | 12975  | 0.25%  | 0.009%  |
| 50 | 3.453 | 3.451 | 3.483 | HH | 352    | 5539   | 0.11%  | 0.004%  |
| 51 | 3.504 | 3.483 | 3.527 | HH | 323    | 7457   | 0.14%  | 0.005%  |
| 52 | 3.547 | 3.527 | 3.641 | HH | 328    | 14234  | 0.27%  | 0.009%  |
| 53 | 3.669 | 3.641 | 3.687 | HH | 322    | 4346   | 0.08%  | 0.003%  |
| 54 | 3.702 | 3.687 | 3.739 | HH | 162    | 2988   | 0.06%  | 0.002%  |
| 55 | 3.745 | 3.739 | 3.756 | HH | 100    | 524    | 0.01%  | 0.000%  |
| 56 | 3.765 | 3.756 | 3.777 | PH | 75     | 563    | 0.01%  | 0.000%  |
| 57 | 3.785 | 3.777 | 3.864 | HH | 67     | 508    | 0.01%  | 0.000%  |
| 58 | 3.869 | 3.864 | 3.900 | PH | 44     | -689   | -0.01% | -0.000% |
| 59 | 3.907 | 3.900 | 3.929 | PH | 2      | -1434  | -0.03% | -0.001% |
| 60 | 3.932 | 3.929 | 3.946 | PH | -31    | -997   | -0.02% | -0.001% |
| 61 | 3.949 | 3.946 | 4.001 | PH | -54    | -4166  | -0.08% | -0.003% |
| 62 | 4.007 | 4.001 | 4.041 | PH | -81    | -3069  | -0.06% | -0.002% |
| 63 | 4.053 | 4.041 | 4.069 | PH | -148   | -2627  | -0.05% | -0.002% |
| 64 | 4.079 | 4.069 | 4.096 | PH | -46    | -1906  | -0.04% | -0.001% |
| 65 | 4.107 | 4.096 | 4.136 | PH | -113   | -3553  | -0.07% | -0.002% |
| 66 | 4.151 | 4.136 | 4.211 | PH | -152   | -8911  | -0.17% | -0.006% |
| 67 | 4.223 | 4.211 | 4.236 | PH | -165   | -3195  | -0.06% | -0.002% |
| 68 | 4.243 | 4.236 | 4.251 | PH | -138   | -1789  | -0.03% | -0.001% |
| 69 | 4.258 | 4.251 | 4.294 | PH | -146   | -5602  | -0.11% | -0.004% |
| 70 | 4.307 | 4.294 | 4.364 | PH | -181   | -8597  | -0.17% | -0.006% |
| 71 | 4.375 | 4.364 | 4.391 | PH | -178   | -3584  | -0.07% | -0.002% |
| 72 | 4.396 | 4.391 | 4.422 | PH | -136   | -4113  | -0.08% | -0.003% |
| 73 | 4.472 | 4.422 | 4.520 | PH | -125   | -12119 | -0.23% | -0.008% |
| 74 | 4.527 | 4.520 | 4.547 | PH | -222   | -3883  | -0.07% | -0.003% |
| 75 | 4.553 | 4.547 | 4.561 | PH | -194   | -1922  | -0.04% | -0.001% |
| 76 | 4.569 | 4.561 | 4.588 | PH | -154   | -3833  | -0.07% | -0.003% |
| 77 | 4.597 | 4.588 | 4.614 | PH | -199   | -3968  | -0.08% | -0.003% |
| 78 | 4.631 | 4.614 | 4.671 | PH | -136   | -8114  | -0.16% | -0.005% |
| 79 | 4.676 | 4.671 | 4.769 | PH | -224   | -20587 | -0.40% | -0.014% |
| 80 | 4.775 | 4.769 | 4.799 | PH | -284   | -7152  | -0.14% | -0.005% |
| 81 | 4.802 | 4.799 | 4.860 | PH | -322   | -15375 | -0.30% | -0.010% |
| 82 | 4.868 | 4.860 | 4.879 | PH | -435   | -5199  | -0.10% | -0.003% |
| 83 | 4.900 | 4.879 | 4.939 | PH | -377   | -16484 | -0.32% | -0.011% |
| 84 | 4.952 | 4.939 | 4.962 | PH | -413   | -6399  | -0.12% | -0.004% |
| 85 | 4.983 | 4.962 | 5.021 | PH | -352   | -15513 | -0.30% | -0.010% |
| 86 | 5.070 | 5.021 | 5.092 | PH | -256   | -15492 | -0.30% | -0.010% |
| 87 | 5.102 | 5.092 | 5.126 | PH | -195   | -5028  | -0.10% | -0.003% |
| 88 | 5.158 | 5.126 | 5.181 | PH | -113   | -6428  | -0.12% | -0.004% |
| 89 | 5.211 | 5.181 | 5.219 | PH | -36    | -2430  | -0.05% | -0.002% |

|     |       |       |       |    |        |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
|     |       |       |       |    | rteres |        |        |         |
| 90  | 5.300 | 5.219 | 5.317 | PH | 50     | -2947  | -0.06% | -0.002% |
| 91  | 5.341 | 5.317 | 5.367 | PH | 81     | 406    | 0.01%  | 0.000%  |
| 92  | 5.376 | 5.367 | 5.462 | PH | 23     | -3459  | -0.07% | -0.002% |
| 93  | 5.469 | 5.462 | 5.501 | PH | -75    | -3252  | -0.06% | -0.002% |
| 94  | 5.508 | 5.501 | 5.541 | PH | -115   | -4465  | -0.09% | -0.003% |
| 95  | 5.550 | 5.541 | 5.572 | PH | -163   | -3756  | -0.07% | -0.002% |
| 96  | 5.578 | 5.572 | 5.637 | PH | -192   | -10765 | -0.21% | -0.007% |
| 97  | 5.658 | 5.637 | 5.682 | PH | -272   | -8782  | -0.17% | -0.006% |
| 98  | 5.691 | 5.682 | 5.727 | PH | -206   | -7764  | -0.15% | -0.005% |
| 99  | 5.743 | 5.727 | 5.758 | PH | -206   | -5610  | -0.11% | -0.004% |
| 100 | 5.771 | 5.758 | 5.791 | PH | -210   | -5877  | -0.11% | -0.004% |
| 101 | 5.797 | 5.791 | 5.819 | PH | -252   | -4937  | -0.09% | -0.003% |
| 102 | 5.938 | 5.819 | 5.956 | PH | -95    | -18333 | -0.35% | -0.012% |
| 103 | 5.974 | 5.956 | 5.999 | PH | -146   | -4340  | -0.08% | -0.003% |
| 104 | 6.028 | 5.999 | 6.056 | PH | -68    | -4399  | -0.08% | -0.003% |
| 105 | 6.077 | 6.056 | 6.104 | PH | 6      | -3382  | -0.06% | -0.002% |
| 106 | 6.165 | 6.104 | 6.189 | PH | 69     | -3688  | -0.07% | -0.002% |
| 107 | 6.217 | 6.189 | 6.292 | PH | 32     | -3791  | -0.07% | -0.003% |
| 108 | 6.309 | 6.292 | 6.351 | PH | -3     | -1986  | -0.04% | -0.001% |
| 109 | 6.359 | 6.351 | 6.396 | PH | -6     | -1225  | -0.02% | -0.001% |
| 110 | 6.422 | 6.396 | 6.446 | PH | 87     | 1702   | 0.03%  | 0.001%  |
| 111 | 6.459 | 6.446 | 6.476 | PH | 129    | 1650   | 0.03%  | 0.001%  |
| 112 | 6.487 | 6.476 | 6.525 | HH | 131    | 1438   | 0.03%  | 0.001%  |
| 113 | 6.552 | 6.525 | 6.578 | PH | 138    | 1111   | 0.02%  | 0.001%  |
| 114 | 6.594 | 6.578 | 6.606 | PH | 199    | 1713   | 0.03%  | 0.001%  |
| 115 | 6.642 | 6.606 | 6.651 | HH | 151    | 3264   | 0.06%  | 0.002%  |
| 116 | 6.657 | 6.651 | 6.682 | HH | 196    | 1811   | 0.03%  | 0.001%  |
| 117 | 6.692 | 6.682 | 6.709 | PH | 109    | 1145   | 0.02%  | 0.001%  |
| 118 | 6.765 | 6.709 | 6.792 | HH | 329    | 5279   | 0.10%  | 0.004%  |
| 119 | 6.828 | 6.792 | 6.847 | HH | 347    | 7301   | 0.14%  | 0.005%  |
| 120 | 6.863 | 6.847 | 6.889 | HH | 389    | 7506   | 0.14%  | 0.005%  |
| 121 | 6.901 | 6.889 | 6.924 | HH | 479    | 7282   | 0.14%  | 0.005%  |
| 122 | 6.934 | 6.924 | 6.944 | HH | 334    | 4001   | 0.08%  | 0.003%  |
| 123 | 6.963 | 6.944 | 6.982 | HH | 539    | 9085   | 0.17%  | 0.006%  |
| 124 | 6.998 | 6.982 | 7.010 | HH | 485    | 5923   | 0.11%  | 0.004%  |
| 125 | 7.020 | 7.010 | 7.036 | HH | 345    | 4910   | 0.09%  | 0.003%  |
| 126 | 7.052 | 7.036 | 7.105 | HH | 551    | 14166  | 0.27%  | 0.009%  |
| 127 | 7.116 | 7.105 | 7.136 | HH | 332    | 4804   | 0.09%  | 0.003%  |
| 128 | 7.159 | 7.136 | 7.178 | HH | 435    | 8231   | 0.16%  | 0.005%  |
| 129 | 7.209 | 7.178 | 7.246 | HH | 418    | 11665  | 0.22%  | 0.008%  |
| 130 | 7.251 | 7.246 | 7.265 | HH | 234    | 1774   | 0.03%  | 0.001%  |
| 131 | 7.303 | 7.265 | 7.319 | HH | 519    | 9702   | 0.19%  | 0.006%  |
| 132 | 7.329 | 7.319 | 7.361 | HH | 447    | 7721   | 0.15%  | 0.005%  |
| 133 | 7.395 | 7.361 | 7.426 | HH | 472    | 13445  | 0.26%  | 0.009%  |
| 134 | 7.441 | 7.426 | 7.459 | HH | 500    | 8492   | 0.16%  | 0.006%  |
| 135 | 7.514 | 7.459 | 7.527 | HH | 594    | 18995  | 0.36%  | 0.013%  |
| 136 | 7.579 | 7.527 | 7.587 | HH | 744    | 19345  | 0.37%  | 0.013%  |
| 137 | 7.605 | 7.587 | 7.666 | HH | 696    | 23762  | 0.46%  | 0.016%  |
| 138 | 7.681 | 7.666 | 7.692 | HH | 812    | 10095  | 0.19%  | 0.007%  |
| 139 | 7.716 | 7.692 | 7.749 | HH | 1846   | 36757  | 0.71%  | 0.024%  |
| 140 | 7.765 | 7.749 | 7.782 | HH | 822    | 14801  | 0.28%  | 0.010%  |
| 141 | 7.806 | 7.782 | 7.825 | HH | 1119   | 24244  | 0.47%  | 0.016%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 142 | 7.857  | 7.825  | 7.888  | HH | 1645   | 49127  | 0.94% | 0.033% |
| 143 | 7.902  | 7.888  | 7.936  | HH | 1354   | 32075  | 0.62% | 0.021% |
| 144 | 7.996  | 7.936  | 8.012  | HH | 1672   | 61279  | 1.18% | 0.041% |
| 145 | 8.033  | 8.012  | 8.081  | HH | 3475   | 78505  | 1.51% | 0.052% |
|     |        |        |        |    |        |        |       |        |
| 146 | 8.100  | 8.081  | 8.118  | HH | 1868   | 35045  | 0.67% | 0.023% |
| 147 | 8.139  | 8.118  | 8.152  | HH | 1862   | 34414  | 0.66% | 0.023% |
| 148 | 8.178  | 8.152  | 8.203  | HH | 2429   | 62779  | 1.21% | 0.042% |
| 149 | 8.221  | 8.203  | 8.233  | HH | 2030   | 34064  | 0.65% | 0.023% |
| 150 | 8.281  | 8.233  | 8.297  | HH | 2500   | 83448  | 1.60% | 0.056% |
|     |        |        |        |    |        |        |       |        |
| 151 | 8.307  | 8.297  | 8.346  | HH | 2460   | 62400  | 1.20% | 0.042% |
| 152 | 8.378  | 8.346  | 8.389  | HH | 2669   | 59726  | 1.15% | 0.040% |
| 153 | 8.402  | 8.389  | 8.422  | HH | 2626   | 50867  | 0.98% | 0.034% |
| 154 | 8.456  | 8.422  | 8.492  | HH | 7428   | 165937 | 3.19% | 0.110% |
| 155 | 8.507  | 8.492  | 8.522  | HH | 2598   | 45744  | 0.88% | 0.030% |
|     |        |        |        |    |        |        |       |        |
| 156 | 8.555  | 8.522  | 8.607  | HH | 4137   | 164626 | 3.16% | 0.110% |
| 157 | 8.638  | 8.607  | 8.657  | HH | 3505   | 92937  | 1.78% | 0.062% |
| 158 | 8.684  | 8.657  | 8.709  | HH | 6225   | 140726 | 2.70% | 0.094% |
| 159 | 8.717  | 8.709  | 8.730  | HH | 4048   | 48448  | 0.93% | 0.032% |
| 160 | 8.752  | 8.730  | 8.773  | HH | 10680  | 170207 | 3.27% | 0.113% |
|     |        |        |        |    |        |        |       |        |
| 161 | 8.790  | 8.773  | 8.799  | HH | 5793   | 79257  | 1.52% | 0.053% |
| 162 | 8.816  | 8.799  | 8.841  | HH | 8603   | 145365 | 2.79% | 0.097% |
| 163 | 8.856  | 8.841  | 8.880  | HH | 4156   | 93724  | 1.80% | 0.062% |
| 164 | 8.922  | 8.880  | 8.939  | HH | 5328   | 168774 | 3.24% | 0.112% |
| 165 | 8.950  | 8.939  | 8.982  | HH | 5297   | 129378 | 2.48% | 0.086% |
|     |        |        |        |    |        |        |       |        |
| 166 | 9.036  | 8.982  | 9.069  | HH | 6929   | 286638 | 5.50% | 0.191% |
| 167 | 9.097  | 9.069  | 9.119  | HH | 5170   | 147091 | 2.82% | 0.098% |
| 168 | 9.155  | 9.119  | 9.169  | HH | 5302   | 149189 | 2.87% | 0.099% |
| 169 | 9.193  | 9.169  | 9.227  | HH | 6293   | 194230 | 3.73% | 0.129% |
| 170 | 9.271  | 9.227  | 9.294  | HH | 5507   | 213502 | 4.10% | 0.142% |
|     |        |        |        |    |        |        |       |        |
| 171 | 9.326  | 9.294  | 9.340  | HH | 6981   | 173643 | 3.33% | 0.116% |
| 172 | 9.366  | 9.340  | 9.384  | HH | 7537   | 185722 | 3.57% | 0.124% |
| 173 | 9.426  | 9.384  | 9.449  | HH | 9744   | 307580 | 5.91% | 0.205% |
| 174 | 9.506  | 9.449  | 9.538  | HH | 15047  | 503590 | 9.67% | 0.335% |
| 175 | 9.562  | 9.538  | 9.576  | HH | 8853   | 186838 | 3.59% | 0.124% |
|     |        |        |        |    |        |        |       |        |
| 176 | 9.587  | 9.576  | 9.606  | HH | 9639   | 159967 | 3.07% | 0.106% |
| 177 | 9.616  | 9.606  | 9.633  | HH | 8280   | 133920 | 2.57% | 0.089% |
| 178 | 9.646  | 9.633  | 9.656  | HH | 8299   | 108850 | 2.09% | 0.072% |
| 179 | 9.671  | 9.656  | 9.692  | HH | 8793   | 181662 | 3.49% | 0.121% |
| 180 | 9.710  | 9.692  | 9.720  | HH | 8754   | 144068 | 2.77% | 0.096% |
|     |        |        |        |    |        |        |       |        |
| 181 | 9.732  | 9.720  | 9.754  | HH | 8791   | 170962 | 3.28% | 0.114% |
| 182 | 9.794  | 9.754  | 9.815  | HH | 9125   | 321574 | 6.18% | 0.214% |
| 183 | 9.859  | 9.815  | 9.877  | HH | 9481   | 331076 | 6.36% | 0.220% |
| 184 | 9.902  | 9.877  | 9.924  | HH | 9795   | 268369 | 5.15% | 0.179% |
| 185 | 9.941  | 9.924  | 9.954  | HH | 9749   | 174792 | 3.36% | 0.116% |
|     |        |        |        |    |        |        |       |        |
| 186 | 9.989  | 9.954  | 10.032 | HH | 10121  | 458878 | 8.81% | 0.305% |
| 187 | 10.062 | 10.032 | 10.084 | HH | 11237  | 324519 | 6.23% | 0.216% |
| 188 | 10.106 | 10.084 | 10.116 | HH | 10906  | 201771 | 3.88% | 0.134% |
| 189 | 10.126 | 10.116 | 10.144 | HH | 11161  | 184874 | 3.55% | 0.123% |
| 190 | 10.162 | 10.144 | 10.181 | HH | 11559  | 242102 | 4.65% | 0.161% |
|     |        |        |        |    |        |        |       |        |
| 191 | 10.201 | 10.181 | 10.218 | HH | 11956  | 253499 | 4.87% | 0.169% |
| 192 | 10.240 | 10.218 | 10.253 | HH | 12109  | 243347 | 4.67% | 0.162% |
| 193 | 10.280 | 10.253 | 10.297 | HH | 13486  | 338375 | 6.50% | 0.225% |
| 194 | 10.334 | 10.297 | 10.351 | HH | 13476  | 420490 | 8.08% | 0.280% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 10.368 | 10.351 | 10.387 | HH | 14014  | 294522  | 5.66%  | 0.196% |
| 196 | 10.424 | 10.387 | 10.447 | HH | 14946  | 507835  | 9.75%  | 0.338% |
| 197 | 10.468 | 10.447 | 10.478 | HH | 14013  | 246191  | 4.73%  | 0.164% |
| 198 | 10.549 | 10.478 | 10.581 | HH | 15480  | 903988  | 17.36% | 0.602% |
| 199 | 10.625 | 10.581 | 10.637 | HH | 16242  | 512488  | 9.84%  | 0.341% |
| 200 | 10.652 | 10.637 | 10.664 | HH | 16757  | 267405  | 5.14%  | 0.178% |
| 201 | 10.685 | 10.664 | 10.714 | HH | 17053  | 505716  | 9.71%  | 0.337% |
| 202 | 10.732 | 10.714 | 10.744 | HH | 17511  | 305351  | 5.86%  | 0.203% |
| 203 | 10.762 | 10.744 | 10.781 | HH | 17015  | 362959  | 6.97%  | 0.242% |
| 204 | 10.793 | 10.781 | 10.806 | HH | 16648  | 244090  | 4.69%  | 0.162% |
| 205 | 10.825 | 10.806 | 10.844 | HH | 17820  | 388992  | 7.47%  | 0.259% |
| 206 | 10.868 | 10.844 | 10.879 | HH | 19005  | 376320  | 7.23%  | 0.251% |
| 207 | 10.892 | 10.879 | 10.927 | HH | 20267  | 538026  | 10.33% | 0.358% |
| 208 | 10.959 | 10.927 | 10.991 | HH | 18628  | 676134  | 12.99% | 0.450% |
| 209 | 11.002 | 10.991 | 11.026 | HH | 18761  | 383871  | 7.37%  | 0.256% |
| 210 | 11.048 | 11.026 | 11.081 | HH | 19506  | 619827  | 11.90% | 0.413% |
| 211 | 11.106 | 11.081 | 11.121 | HH | 20826  | 460464  | 8.84%  | 0.307% |
| 212 | 11.133 | 11.121 | 11.147 | HH | 20031  | 315605  | 6.06%  | 0.210% |
| 213 | 11.184 | 11.147 | 11.201 | HH | 21073  | 649044  | 12.46% | 0.432% |
| 214 | 11.209 | 11.201 | 11.241 | HH | 20276  | 473803  | 9.10%  | 0.315% |
| 215 | 11.307 | 11.241 | 11.339 | HH | 21239  | 1200946 | 23.06% | 0.799% |
| 216 | 11.352 | 11.339 | 11.374 | HH | 20181  | 414656  | 7.96%  | 0.276% |
| 217 | 11.410 | 11.374 | 11.429 | HH | 22226  | 690775  | 13.27% | 0.460% |
| 218 | 11.439 | 11.429 | 11.465 | HH | 20523  | 436469  | 8.38%  | 0.291% |
| 219 | 11.483 | 11.465 | 11.497 | HH | 20528  | 393916  | 7.57%  | 0.262% |
| 220 | 11.518 | 11.497 | 11.531 | HH | 20747  | 405389  | 7.79%  | 0.270% |
| 221 | 11.562 | 11.531 | 11.592 | HH | 21533  | 768930  | 14.77% | 0.512% |
| 222 | 11.626 | 11.592 | 11.667 | HH | 22390  | 959735  | 18.43% | 0.639% |
| 223 | 11.701 | 11.667 | 11.722 | HH | 23366  | 712657  | 13.69% | 0.474% |
| 224 | 11.741 | 11.722 | 11.764 | HH | 22079  | 548021  | 10.52% | 0.365% |
| 225 | 11.801 | 11.764 | 11.821 | HH | 23831  | 779100  | 14.96% | 0.519% |
| 226 | 11.837 | 11.821 | 11.856 | HH | 24448  | 487800  | 9.37%  | 0.325% |
| 227 | 11.872 | 11.856 | 11.928 | HH | 22936  | 964373  | 18.52% | 0.642% |
| 228 | 11.952 | 11.928 | 11.962 | HH | 23704  | 465849  | 8.95%  | 0.310% |
| 229 | 11.971 | 11.962 | 11.987 | HH | 23465  | 331818  | 6.37%  | 0.221% |
| 230 | 11.995 | 11.987 | 12.039 | HH | 22551  | 685830  | 13.17% | 0.457% |
| 231 | 12.067 | 12.039 | 12.087 | HH | 21713  | 604465  | 11.61% | 0.402% |
| 232 | 12.118 | 12.087 | 12.174 | HH | 21971  | 1125042 | 21.61% | 0.749% |
| 233 | 12.200 | 12.174 | 12.212 | HH | 21579  | 485938  | 9.33%  | 0.323% |
| 234 | 12.234 | 12.212 | 12.281 | HH | 25696  | 933838  | 17.93% | 0.622% |
| 235 | 12.308 | 12.281 | 12.347 | HH | 22903  | 869420  | 16.70% | 0.579% |
| 236 | 12.369 | 12.347 | 12.386 | HH | 21945  | 489629  | 9.40%  | 0.326% |
| 237 | 12.403 | 12.386 | 12.444 | HH | 21836  | 748911  | 14.38% | 0.499% |
| 238 | 12.454 | 12.444 | 12.462 | HH | 20594  | 224940  | 4.32%  | 0.150% |
| 239 | 12.485 | 12.462 | 12.524 | HH | 21969  | 773465  | 14.85% | 0.515% |
| 240 | 12.547 | 12.524 | 12.564 | HH | 20608  | 488617  | 9.38%  | 0.325% |
| 241 | 12.590 | 12.564 | 12.646 | HH | 21021  | 985166  | 18.92% | 0.656% |
| 242 | 12.654 | 12.646 | 12.666 | HH | 19722  | 232040  | 4.46%  | 0.154% |
| 243 | 12.706 | 12.666 | 12.733 | HH | 22242  | 824325  | 15.83% | 0.549% |
| 244 | 12.751 | 12.733 | 12.771 | HH | 20112  | 447947  | 8.60%  | 0.298% |
| 245 | 12.778 | 12.771 | 12.819 | HH | 19836  | 546265  | 10.49% | 0.364% |
| 246 | 12.868 | 12.819 | 12.934 | HH | 21631  | 1295664 | 24.88% | 0.862% |

| rteres |        |        |        |    |       |        |        |        |
|--------|--------|--------|--------|----|-------|--------|--------|--------|
| 247    | 12.949 | 12.934 | 12.978 | HH | 18354 | 479202 | 9.20%  | 0.319% |
| 248    | 13.005 | 12.978 | 13.036 | HH | 20555 | 643619 | 12.36% | 0.428% |
| 249    | 13.057 | 13.036 | 13.081 | HH | 18412 | 477350 | 9.17%  | 0.318% |
| 250    | 13.092 | 13.081 | 13.117 | HH | 17874 | 381818 | 7.33%  | 0.254% |
| 251    | 13.125 | 13.117 | 13.147 | HH | 17236 | 303378 | 5.83%  | 0.202% |
| 252    | 13.158 | 13.147 | 13.170 | HH | 17141 | 230191 | 4.42%  | 0.153% |
| 253    | 13.184 | 13.170 | 13.236 | HH | 17091 | 662884 | 12.73% | 0.441% |
| 254    | 13.300 | 13.236 | 13.317 | HH | 18389 | 843323 | 16.20% | 0.561% |
| 255    | 13.336 | 13.317 | 13.397 | HH | 19655 | 847441 | 16.28% | 0.564% |
| 256    | 13.417 | 13.397 | 13.444 | HH | 16519 | 452732 | 8.69%  | 0.301% |
| 257    | 13.467 | 13.444 | 13.488 | HH | 17072 | 435005 | 8.35%  | 0.290% |
| 258    | 13.519 | 13.488 | 13.546 | HH | 16443 | 550458 | 10.57% | 0.366% |
| 259    | 13.556 | 13.546 | 13.576 | HH | 16153 | 288418 | 5.54%  | 0.192% |
| 260    | 13.586 | 13.576 | 13.607 | HH | 15775 | 285049 | 5.47%  | 0.190% |
| 261    | 13.638 | 13.607 | 13.661 | HH | 16148 | 497818 | 9.56%  | 0.331% |
| 262    | 13.675 | 13.661 | 13.729 | HH | 15415 | 612491 | 11.76% | 0.408% |
| 263    | 13.739 | 13.729 | 13.802 | HH | 15035 | 637171 | 12.24% | 0.424% |
| 264    | 13.816 | 13.802 | 13.832 | HH | 14308 | 250987 | 4.82%  | 0.167% |
| 265    | 13.843 | 13.832 | 13.874 | HH | 14265 | 347855 | 6.68%  | 0.232% |
| 266    | 13.883 | 13.874 | 13.946 | HH | 13756 | 574732 | 11.04% | 0.383% |
| 267    | 13.974 | 13.946 | 13.996 | HH | 13648 | 400123 | 7.68%  | 0.266% |
| 268    | 14.021 | 13.996 | 14.042 | HH | 13559 | 370054 | 7.11%  | 0.246% |
| 269    | 14.049 | 14.042 | 14.087 | HH | 13083 | 344055 | 6.61%  | 0.229% |
| 270    | 14.112 | 14.087 | 14.189 | HH | 12665 | 741048 | 14.23% | 0.493% |
| 271    | 14.214 | 14.189 | 14.289 | HH | 12116 | 692194 | 13.29% | 0.461% |
| 272    | 14.299 | 14.289 | 14.316 | HH | 11353 | 178021 | 3.42%  | 0.119% |
| 273    | 14.341 | 14.316 | 14.366 | HH | 11346 | 331665 | 6.37%  | 0.221% |
| 274    | 14.385 | 14.366 | 14.407 | HH | 11000 | 270114 | 5.19%  | 0.180% |
| 275    | 14.433 | 14.407 | 14.479 | HH | 11084 | 467528 | 8.98%  | 0.311% |
| 276    | 14.487 | 14.479 | 14.502 | HH | 10667 | 143178 | 2.75%  | 0.095% |
| 277    | 14.516 | 14.502 | 14.559 | HH | 10840 | 358705 | 6.89%  | 0.239% |
| 278    | 14.568 | 14.559 | 14.602 | HH | 10396 | 257508 | 4.95%  | 0.171% |
| 279    | 14.620 | 14.602 | 14.634 | HH | 9929  | 189492 | 3.64%  | 0.126% |
| 280    | 14.652 | 14.634 | 14.692 | HH | 10221 | 341847 | 6.57%  | 0.228% |
| 281    | 14.720 | 14.692 | 14.807 | HH | 13001 | 700108 | 13.45% | 0.466% |
| 282    | 14.815 | 14.807 | 14.827 | HH | 9472  | 112638 | 2.16%  | 0.075% |
| 283    | 14.836 | 14.827 | 14.860 | HH | 9573  | 186807 | 3.59%  | 0.124% |
| 284    | 14.882 | 14.860 | 14.897 | HH | 10604 | 223723 | 4.30%  | 0.149% |
| 285    | 14.919 | 14.897 | 14.949 | HH | 11501 | 326102 | 6.26%  | 0.217% |
| 286    | 14.958 | 14.949 | 15.013 | HH | 9578  | 354958 | 6.82%  | 0.236% |
| 287    | 15.045 | 15.013 | 15.099 | HH | 9399  | 473302 | 9.09%  | 0.315% |
| 288    | 15.107 | 15.099 | 15.121 | HH | 8833  | 113103 | 2.17%  | 0.075% |
| 289    | 15.133 | 15.121 | 15.146 | HH | 8730  | 130702 | 2.51%  | 0.087% |
| 290    | 15.169 | 15.146 | 15.181 | HH | 8833  | 184284 | 3.54%  | 0.123% |
| 291    | 15.185 | 15.181 | 15.232 | HH | 8903  | 267298 | 5.13%  | 0.178% |
| 292    | 15.260 | 15.232 | 15.284 | HH | 9350  | 272782 | 5.24%  | 0.182% |
| 293    | 15.306 | 15.284 | 15.346 | HH | 10011 | 334833 | 6.43%  | 0.223% |
| 294    | 15.365 | 15.346 | 15.417 | HH | 8616  | 363662 | 6.98%  | 0.242% |
| 295    | 15.463 | 15.417 | 15.492 | HH | 9068  | 392723 | 7.54%  | 0.261% |
| 296    | 15.525 | 15.492 | 15.579 | HH | 8884  | 445005 | 8.55%  | 0.296% |
| 297    | 15.599 | 15.579 | 15.626 | HH | 8546  | 235193 | 4.52%  | 0.157% |
| 298    | 15.641 | 15.626 | 15.659 | HH | 8419  | 167013 | 3.21%  | 0.111% |
| 299    | 15.718 | 15.659 | 15.739 | HH | 8946  | 415312 | 7.98%  | 0.276% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 15.749 | 15.739 | 15.779 | HH | 8952   | 209720  | 4.03%  | 0.140% |
| 301 | 15.797 | 15.779 | 15.821 | HH | 9084   | 225282  | 4.33%  | 0.150% |
| 302 | 15.826 | 15.821 | 15.867 | HH | 8956   | 245029  | 4.71%  | 0.163% |
| 303 | 15.905 | 15.867 | 15.921 | HH | 8876   | 284268  | 5.46%  | 0.189% |
| 304 | 15.946 | 15.921 | 15.960 | HH | 9414   | 217783  | 4.18%  | 0.145% |
| 305 | 15.988 | 15.960 | 16.004 | HH | 9441   | 243425  | 4.67%  | 0.162% |
| 306 | 16.015 | 16.004 | 16.069 | HH | 9480   | 363025  | 6.97%  | 0.242% |
| 307 | 16.143 | 16.069 | 16.157 | HH | 9854   | 502221  | 9.65%  | 0.334% |
| 308 | 16.169 | 16.157 | 16.209 | HH | 9959   | 296212  | 5.69%  | 0.197% |
| 309 | 16.252 | 16.209 | 16.274 | HH | 9904   | 377546  | 7.25%  | 0.251% |
| 310 | 16.318 | 16.274 | 16.372 | HH | 10836  | 596986  | 11.47% | 0.397% |
| 311 | 16.445 | 16.372 | 16.466 | HH | 11367  | 590196  | 11.33% | 0.393% |
| 312 | 16.473 | 16.466 | 16.491 | HH | 10823  | 162567  | 3.12%  | 0.108% |
| 313 | 16.511 | 16.491 | 16.545 | HH | 10986  | 351064  | 6.74%  | 0.234% |
| 314 | 16.574 | 16.545 | 16.599 | HH | 11160  | 354125  | 6.80%  | 0.236% |
| 315 | 16.724 | 16.599 | 16.732 | HH | 11434  | 889123  | 17.08% | 0.592% |
| 316 | 16.766 | 16.732 | 16.795 | HH | 12412  | 448139  | 8.61%  | 0.298% |
| 317 | 16.827 | 16.795 | 16.872 | HH | 12761  | 565495  | 10.86% | 0.376% |
| 318 | 16.893 | 16.872 | 16.912 | HH | 12980  | 303422  | 5.83%  | 0.202% |
| 319 | 16.928 | 16.912 | 16.995 | HH | 13017  | 635212  | 12.20% | 0.423% |
| 320 | 17.044 | 16.995 | 17.059 | HH | 12791  | 486938  | 9.35%  | 0.324% |
| 321 | 17.074 | 17.059 | 17.087 | HH | 13004  | 219704  | 4.22%  | 0.146% |
| 322 | 17.155 | 17.087 | 17.182 | HH | 13510  | 751463  | 14.43% | 0.500% |
| 323 | 17.186 | 17.182 | 17.202 | HH | 13330  | 159201  | 3.06%  | 0.106% |
| 324 | 17.227 | 17.202 | 17.236 | HH | 13567  | 269198  | 5.17%  | 0.179% |
| 325 | 17.260 | 17.236 | 17.287 | HH | 13956  | 425001  | 8.16%  | 0.283% |
| 326 | 17.295 | 17.287 | 17.309 | HH | 13594  | 176287  | 3.39%  | 0.117% |
| 327 | 17.340 | 17.309 | 17.367 | HH | 14863  | 492745  | 9.46%  | 0.328% |
| 328 | 17.433 | 17.367 | 17.447 | HH | 14619  | 685374  | 13.16% | 0.456% |
| 329 | 17.480 | 17.447 | 17.512 | HH | 15193  | 573958  | 11.02% | 0.382% |
| 330 | 17.662 | 17.512 | 17.672 | HH | 16332  | 1521097 | 29.21% | 1.013% |
| 331 | 17.730 | 17.672 | 17.741 | HH | 16933  | 685476  | 13.16% | 0.456% |
| 332 | 17.776 | 17.741 | 17.810 | HH | 18132  | 716848  | 13.77% | 0.477% |
| 333 | 17.868 | 17.810 | 17.889 | HH | 17540  | 820692  | 15.76% | 0.546% |
| 334 | 17.946 | 17.889 | 17.956 | HH | 18418  | 716622  | 13.76% | 0.477% |
| 335 | 17.978 | 17.956 | 17.989 | HH | 18688  | 370982  | 7.12%  | 0.247% |
| 336 | 18.141 | 17.989 | 18.159 | HH | 21756  | 2041618 | 39.21% | 1.359% |
| 337 | 18.198 | 18.159 | 18.223 | HH | 23782  | 850088  | 16.33% | 0.566% |
| 338 | 18.311 | 18.223 | 18.324 | HH | 23455  | 1385155 | 26.60% | 0.922% |
| 339 | 18.339 | 18.324 | 18.357 | HH | 23332  | 465621  | 8.94%  | 0.310% |
| 340 | 18.367 | 18.357 | 18.382 | HH | 23394  | 349967  | 6.72%  | 0.233% |
| 341 | 18.406 | 18.382 | 18.424 | HH | 23592  | 579315  | 11.13% | 0.386% |
| 342 | 18.459 | 18.424 | 18.494 | HH | 24453  | 1016389 | 19.52% | 0.677% |
| 343 | 18.607 | 18.494 | 18.633 | HH | 27356  | 2088913 | 40.12% | 1.391% |
| 344 | 18.741 | 18.633 | 18.751 | HH | 28391  | 1920388 | 36.88% | 1.278% |
| 345 | 18.782 | 18.751 | 18.797 | HH | 29064  | 803121  | 15.42% | 0.535% |
| 346 | 18.974 | 18.797 | 18.983 | HH | 33234  | 3431215 | 65.90% | 2.284% |
| 347 | 19.000 | 18.983 | 19.031 | HH | 34044  | 955503  | 18.35% | 0.636% |
| 348 | 19.074 | 19.031 | 19.087 | HH | 33535  | 1134328 | 21.78% | 0.755% |
| 349 | 19.154 | 19.087 | 19.186 | HH | 34785  | 2023291 | 38.86% | 1.347% |
| 350 | 19.388 | 19.186 | 19.414 | HH | 40876  | 5103381 | 98.01% | 3.397% |
| 351 | 19.439 | 19.414 | 19.452 | HH | 41159  | 938335  | 18.02% | 0.625% |

|     |        |        |        |    |       |                         |           |        |
|-----|--------|--------|--------|----|-------|-------------------------|-----------|--------|
|     |        |        |        |    |       | rters                   |           |        |
| 352 | 19.515 | 19.452 | 19.526 | HH | 43031 | 1858805                 | 35.70%    | 1.237% |
| 353 | 19.570 | 19.526 | 19.594 | HH | 43463 | 1767375                 | 33.94%    | 1.177% |
| 354 | 19.617 | 19.594 | 19.626 | HH | 43427 | 821493                  | 15.78%    | 0.547% |
| 355 | 19.675 | 19.626 | 19.692 | HH | 45221 | 1780309                 | 34.19%    | 1.185% |
| 356 | 19.763 | 19.692 | 19.775 | HH | 48989 | 2334567                 | 44.84%    | 1.554% |
| 357 | 19.898 | 19.775 | 19.929 | HH | 53021 | 4703032                 | 90.32%    | 3.131% |
| 358 | 19.974 | 19.929 | 19.998 | HH | 53728 | 2196905                 | 42.19%    | 1.462% |
| 359 | 20.093 | 19.998 | 20.102 | HH | 57143 | 3460617                 | 66.46%    | 2.304% |
| 360 | 20.230 | 20.102 | 20.247 | HH | 61982 | 5206961                 | 100.00%   | 3.466% |
| 361 | 20.338 | 20.247 | 20.349 | HH | 64303 | 3840852                 | 73.76%    | 2.557% |
| 362 | 20.400 | 20.349 | 20.410 | HH | 65849 | 2406361                 | 46.21%    | 1.602% |
| 363 | 20.428 | 20.410 | 20.441 | HH | 66355 | 1199976                 | 23.05%    | 0.799% |
| 364 | 20.473 | 20.441 | 20.507 | HH | 67925 | 2687060                 | 51.61%    | 1.789% |
| 365 | 20.520 | 20.507 | 20.528 | HH | 67217 | 841513                  | 16.16%    | 0.560% |
| 366 | 20.544 | 20.528 | 20.561 | HH | 67981 | 1309431                 | 25.15%    | 0.872% |
| 367 | 20.569 | 20.561 | 20.587 | HH | 67429 | 1045029                 | 20.07%    | 0.696% |
| 368 | 20.601 | 20.587 | 20.609 | HH | 67764 | 925168                  | 17.77%    | 0.616% |
| 369 | 20.623 | 20.609 | 20.666 | HH | 67881 | 2279808                 | 43.78%    | 1.518% |
| 370 | 20.677 | 20.666 | 20.697 | HH | 67177 | 1272338                 | 24.44%    | 0.847% |
| 371 | 21.053 | 20.954 | 21.067 | HH | 67061 | 4499313                 | 86.41%    | 2.995% |
| 372 | 21.155 | 21.126 | 21.164 | HH | 67710 | 1566857                 | 30.09%    | 1.043% |
|     |        |        |        |    |       | Sum of corrected areas: | 150223021 |        |

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