

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE063022AL\  
Data File : FE036323.D  
Signal(s) : FID1B.ch  
Acq On : 30 Jun 2022 21:55  
Sample : N3550-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062022.M  
Title : GC Extractables

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         | 1.648       | 1.605        | 1.662      | BH       | 3320           | 18047        | 0.06%          | 0.003%        |
| 2         | 1.675       | 1.662        | 1.707      | HH       | 3555           | 23452        | 0.08%          | 0.004%        |
| 3         | 1.758       | 1.744        | 1.776      | PH       | 5978           | 47756        | 0.16%          | 0.007%        |
| 4         | 1.790       | 1.776        | 1.810      | HH       | 2866           | 20242        | 0.07%          | 0.003%        |
| 5         | 1.836       | 1.810        | 1.872      | PH       | 2418           | 18291        | 0.06%          | 0.003%        |
| 6         | 2.176       | 2.164        | 2.239      | PH       | 3199           | 24742        | 0.08%          | 0.004%        |
| 7         | 3.647       | 3.620        | 3.687      | PH       | 976            | 11028        | 0.04%          | 0.002%        |
| 8         | 3.706       | 3.687        | 3.725      | PH       | 785            | 10662        | 0.04%          | 0.002%        |
| 9         | 3.979       | 3.929        | 4.014      | PH       | 488            | 14194        | 0.05%          | 0.002%        |
| 10        | 4.053       | 4.014        | 4.065      | PH       | 918            | 11922        | 0.04%          | 0.002%        |
| 11        | 4.079       | 4.065        | 4.122      | HH       | 1582           | 30657        | 0.10%          | 0.005%        |
| 12        | 4.162       | 4.136        | 4.189      | HH       | 717            | 14976        | 0.05%          | 0.002%        |
| 13        | 4.253       | 4.189        | 4.268      | HH       | 1655           | 31197        | 0.10%          | 0.005%        |
| 14        | 4.283       | 4.268        | 4.339      | HH       | 1373           | 29062        | 0.10%          | 0.004%        |
| 15        | 4.408       | 4.371        | 4.429      | HH       | 705            | 13999        | 0.05%          | 0.002%        |
| 16        | 4.453       | 4.429        | 4.477      | HH       | 895            | 16855        | 0.06%          | 0.003%        |
| 17        | 4.515       | 4.477        | 4.535      | HH       | 2916           | 40789        | 0.14%          | 0.006%        |
| 18        | 4.550       | 4.535        | 4.570      | HH       | 1036           | 13276        | 0.04%          | 0.002%        |
| 19        | 4.589       | 4.570        | 4.614      | HH       | 793            | 12710        | 0.04%          | 0.002%        |
| 20        | 4.684       | 4.650        | 4.709      | HH       | 1837           | 33277        | 0.11%          | 0.005%        |
| 21        | 4.728       | 4.709        | 4.755      | HH       | 1122           | 25602        | 0.08%          | 0.004%        |
| 22        | 4.765       | 4.755        | 4.780      | HH       | 1074           | 12585        | 0.04%          | 0.002%        |
| 23        | 4.799       | 4.780        | 4.815      | HH       | 2152           | 28517        | 0.09%          | 0.004%        |
| 24        | 4.822       | 4.815        | 4.838      | HH       | 1503           | 14888        | 0.05%          | 0.002%        |
| 25        | 4.879       | 4.838        | 4.909      | HH       | 1982           | 55633        | 0.18%          | 0.009%        |
| 26        | 4.930       | 4.909        | 4.946      | HH       | 2041           | 32568        | 0.11%          | 0.005%        |
| 27        | 4.977       | 4.946        | 4.999      | HH       | 2004           | 44397        | 0.15%          | 0.007%        |
| 28        | 5.022       | 4.999        | 5.069      | HH       | 2836           | 57712        | 0.19%          | 0.009%        |
| 29        | 5.093       | 5.069        | 5.112      | HH       | 1561           | 27043        | 0.09%          | 0.004%        |
| 30        | 5.129       | 5.112        | 5.155      | HH       | 1273           | 22359        | 0.07%          | 0.003%        |
| 31        | 5.193       | 5.155        | 5.205      | HH       | 1665           | 32261        | 0.11%          | 0.005%        |
| 32        | 5.222       | 5.205        | 5.250      | HH       | 2429           | 43540        | 0.14%          | 0.007%        |
| 33        | 5.268       | 5.250        | 5.284      | HH       | 2752           | 34529        | 0.11%          | 0.005%        |
| 34        | 5.298       | 5.284        | 5.315      | HH       | 2390           | 32494        | 0.11%          | 0.005%        |
| 35        | 5.334       | 5.315        | 5.411      | HH       | 3137           | 77430        | 0.26%          | 0.012%        |
| 36        | 5.434       | 5.411        | 5.444      | HH       | 1996           | 27085        | 0.09%          | 0.004%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.457 | 5.444 | 5.479 | HH | 3127   | 45706  | 0.15% | 0.007% |
| 38 | 5.498 | 5.479 | 5.517 | HH | 2538   | 44259  | 0.15% | 0.007% |
| 39 | 5.529 | 5.517 | 5.545 | HH | 2441   | 31507  | 0.10% | 0.005% |
| 40 | 5.558 | 5.545 | 5.572 | HH | 1469   | 22019  | 0.07% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.592 | 5.572 | 5.609 | HH | 1760   | 32073  | 0.11% | 0.005% |
| 42 | 5.619 | 5.609 | 5.631 | HH | 1388   | 15624  | 0.05% | 0.002% |
| 43 | 5.655 | 5.631 | 5.704 | HH | 9608   | 173455 | 0.57% | 0.027% |
| 44 | 5.724 | 5.704 | 5.763 | HH | 2766   | 61298  | 0.20% | 0.009% |
| 45 | 5.780 | 5.763 | 5.794 | HH | 1571   | 25552  | 0.08% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.836 | 5.794 | 5.868 | HH | 4675   | 107654 | 0.36% | 0.017% |
| 47 | 5.879 | 5.868 | 5.897 | HH | 2317   | 33922  | 0.11% | 0.005% |
| 48 | 5.918 | 5.897 | 5.927 | HH | 2626   | 37558  | 0.12% | 0.006% |
| 49 | 5.961 | 5.927 | 6.007 | HH | 4605   | 151786 | 0.50% | 0.023% |
| 50 | 6.039 | 6.007 | 6.070 | HH | 6009   | 120039 | 0.40% | 0.019% |
|    |       |       |       |    |        |        |       |        |
| 51 | 6.085 | 6.070 | 6.114 | HH | 3265   | 60066  | 0.20% | 0.009% |
| 52 | 6.131 | 6.114 | 6.150 | HH | 3431   | 52149  | 0.17% | 0.008% |
| 53 | 6.183 | 6.150 | 6.204 | HH | 3954   | 85008  | 0.28% | 0.013% |
| 54 | 6.221 | 6.204 | 6.270 | HH | 5184   | 142010 | 0.47% | 0.022% |
| 55 | 6.281 | 6.270 | 6.302 | HH | 3422   | 51151  | 0.17% | 0.008% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.328 | 6.302 | 6.347 | HH | 4064   | 77322  | 0.26% | 0.012% |
| 57 | 6.368 | 6.347 | 6.381 | HH | 4243   | 71869  | 0.24% | 0.011% |
| 58 | 6.396 | 6.381 | 6.435 | HH | 4599   | 114267 | 0.38% | 0.018% |
| 59 | 6.452 | 6.435 | 6.465 | HH | 3859   | 54881  | 0.18% | 0.008% |
| 60 | 6.479 | 6.465 | 6.489 | HH | 3460   | 45504  | 0.15% | 0.007% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.508 | 6.489 | 6.540 | HH | 4177   | 102535 | 0.34% | 0.016% |
| 62 | 6.557 | 6.540 | 6.584 | HH | 3870   | 84258  | 0.28% | 0.013% |
| 63 | 6.607 | 6.584 | 6.644 | HH | 6213   | 145356 | 0.48% | 0.022% |
| 64 | 6.650 | 6.644 | 6.662 | HH | 3103   | 33480  | 0.11% | 0.005% |
| 65 | 6.684 | 6.662 | 6.735 | HH | 14758  | 253735 | 0.84% | 0.039% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.770 | 6.735 | 6.782 | HH | 3377   | 80075  | 0.27% | 0.012% |
| 67 | 6.804 | 6.782 | 6.818 | HH | 4099   | 76862  | 0.25% | 0.012% |
| 68 | 6.837 | 6.818 | 6.862 | HH | 8211   | 141051 | 0.47% | 0.022% |
| 69 | 6.880 | 6.862 | 6.899 | HH | 4561   | 85299  | 0.28% | 0.013% |
| 70 | 6.910 | 6.899 | 6.921 | HH | 3570   | 44918  | 0.15% | 0.007% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.939 | 6.921 | 6.950 | HH | 3730   | 60208  | 0.20% | 0.009% |
| 72 | 6.965 | 6.950 | 6.989 | HH | 6570   | 102465 | 0.34% | 0.016% |
| 73 | 7.027 | 6.989 | 7.060 | HH | 5506   | 175017 | 0.58% | 0.027% |
| 74 | 7.087 | 7.060 | 7.119 | HH | 12313  | 212796 | 0.70% | 0.033% |
| 75 | 7.164 | 7.119 | 7.180 | HH | 5830   | 147535 | 0.49% | 0.023% |
|    |       |       |       |    |        |        |       |        |
| 76 | 7.212 | 7.180 | 7.234 | HH | 7581   | 188340 | 0.62% | 0.029% |
| 77 | 7.255 | 7.234 | 7.285 | HH | 8646   | 166857 | 0.55% | 0.026% |
| 78 | 7.318 | 7.285 | 7.346 | HH | 10429  | 241304 | 0.80% | 0.037% |
| 79 | 7.361 | 7.346 | 7.380 | HH | 6222   | 99393  | 0.33% | 0.015% |
| 80 | 7.403 | 7.380 | 7.437 | HH | 10394  | 207796 | 0.69% | 0.032% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.460 | 7.437 | 7.484 | HH | 6543   | 140780 | 0.47% | 0.022% |
| 82 | 7.504 | 7.484 | 7.519 | HH | 6075   | 102560 | 0.34% | 0.016% |
| 83 | 7.531 | 7.519 | 7.564 | HH | 5452   | 123342 | 0.41% | 0.019% |
| 84 | 7.604 | 7.564 | 7.613 | HH | 10732  | 197232 | 0.65% | 0.030% |
| 85 | 7.630 | 7.613 | 7.652 | HH | 21539  | 286022 | 0.95% | 0.044% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.681 | 7.652 | 7.689 | HH | 5881   | 118557 | 0.39% | 0.018% |
| 87 | 7.697 | 7.689 | 7.737 | HH | 5911   | 148216 | 0.49% | 0.023% |
| 88 | 7.752 | 7.737 | 7.776 | HH | 4504   | 100162 | 0.33% | 0.015% |
| 89 | 7.803 | 7.776 | 7.837 | HH | 10123  | 242581 | 0.80% | 0.037% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.857  | 7.837  | 7.880  | HH | 5989   | 122702 | 0.41% | 0.019% |
| 91  | 7.897  | 7.880  | 7.909  | HH | 5105   | 74727  | 0.25% | 0.012% |
| 92  | 8.000  | 7.985  | 8.027  | HH | 7005   | 150563 | 0.50% | 0.023% |
| 93  | 8.060  | 8.027  | 8.077  | HH | 7824   | 188120 | 0.62% | 0.029% |
| 94  | 8.094  | 8.077  | 8.132  | HH | 7115   | 205762 | 0.68% | 0.032% |
| 95  | 8.155  | 8.132  | 8.177  | HH | 7279   | 161321 | 0.53% | 0.025% |
| 96  | 8.203  | 8.177  | 8.221  | HH | 8848   | 180411 | 0.60% | 0.028% |
| 97  | 8.237  | 8.221  | 8.248  | HH | 9160   | 122877 | 0.41% | 0.019% |
| 98  | 8.260  | 8.248  | 8.284  | HH | 9872   | 151573 | 0.50% | 0.023% |
| 99  | 8.330  | 8.284  | 8.364  | HH | 12436  | 336452 | 1.11% | 0.052% |
| 100 | 8.379  | 8.364  | 8.397  | HH | 5768   | 111641 | 0.37% | 0.017% |
| 101 | 8.441  | 8.397  | 8.469  | HH | 13834  | 391673 | 1.30% | 0.060% |
| 102 | 8.510  | 8.469  | 8.537  | HH | 25040  | 500392 | 1.66% | 0.077% |
| 103 | 8.551  | 8.537  | 8.570  | HH | 7657   | 141164 | 0.47% | 0.022% |
| 104 | 8.584  | 8.570  | 8.594  | HH | 7103   | 94287  | 0.31% | 0.015% |
| 105 | 8.611  | 8.594  | 8.642  | HH | 8895   | 207235 | 0.69% | 0.032% |
| 106 | 8.667  | 8.642  | 8.684  | HH | 7722   | 171775 | 0.57% | 0.027% |
| 107 | 8.698  | 8.684  | 8.712  | HH | 7164   | 109009 | 0.36% | 0.017% |
| 108 | 8.731  | 8.712  | 8.772  | HH | 8974   | 242245 | 0.80% | 0.037% |
| 109 | 8.871  | 8.855  | 8.895  | HH | 8792   | 199148 | 0.66% | 0.031% |
| 110 | 8.911  | 8.895  | 8.945  | HH | 11407  | 270833 | 0.90% | 0.042% |
| 111 | 8.962  | 8.945  | 8.984  | HH | 9243   | 192866 | 0.64% | 0.030% |
| 112 | 9.005  | 8.984  | 9.017  | HH | 8298   | 153566 | 0.51% | 0.024% |
| 113 | 9.049  | 9.017  | 9.075  | HH | 14487  | 335249 | 1.11% | 0.052% |
| 114 | 9.103  | 9.075  | 9.118  | HH | 8434   | 177796 | 0.59% | 0.027% |
| 115 | 9.128  | 9.118  | 9.138  | HH | 7126   | 84512  | 0.28% | 0.013% |
| 116 | 9.155  | 9.138  | 9.172  | HH | 8875   | 158248 | 0.52% | 0.024% |
| 117 | 9.190  | 9.172  | 9.213  | HH | 8604   | 187940 | 0.62% | 0.029% |
| 118 | 9.233  | 9.213  | 9.242  | HH | 7234   | 122620 | 0.41% | 0.019% |
| 119 | 9.274  | 9.242  | 9.307  | HH | 8239   | 294626 | 0.98% | 0.045% |
| 120 | 9.336  | 9.307  | 9.357  | HH | 25259  | 428074 | 1.42% | 0.066% |
| 121 | 9.365  | 9.357  | 9.400  | HH | 9460   | 196494 | 0.65% | 0.030% |
| 122 | 9.422  | 9.400  | 9.446  | HH | 8284   | 192188 | 0.64% | 0.030% |
| 123 | 9.480  | 9.446  | 9.500  | HH | 8708   | 232904 | 0.77% | 0.036% |
| 124 | 9.514  | 9.500  | 9.527  | HH | 7068   | 105461 | 0.35% | 0.016% |
| 125 | 9.536  | 9.527  | 9.548  | HH | 7078   | 86492  | 0.29% | 0.013% |
| 126 | 9.564  | 9.548  | 9.583  | HH | 7785   | 145633 | 0.48% | 0.022% |
| 127 | 9.618  | 9.583  | 9.649  | HH | 9524   | 300210 | 0.99% | 0.046% |
| 128 | 9.663  | 9.649  | 9.681  | HH | 8231   | 144378 | 0.48% | 0.022% |
| 129 | 9.710  | 9.681  | 9.744  | HH | 13066  | 375216 | 1.24% | 0.058% |
| 130 | 9.781  | 9.744  | 9.817  | HH | 10637  | 389886 | 1.29% | 0.060% |
| 131 | 9.846  | 9.817  | 9.866  | HH | 10561  | 256331 | 0.85% | 0.040% |
| 132 | 9.901  | 9.866  | 9.927  | HH | 10025  | 312732 | 1.04% | 0.048% |
| 133 | 9.943  | 9.927  | 9.969  | HH | 7614   | 180199 | 0.60% | 0.028% |
| 134 | 9.981  | 9.969  | 10.006 | HH | 7376   | 158407 | 0.52% | 0.024% |
| 135 | 10.026 | 10.006 | 10.035 | HH | 9179   | 138739 | 0.46% | 0.021% |
| 136 | 10.048 | 10.035 | 10.058 | HH | 9519   | 127623 | 0.42% | 0.020% |
| 137 | 10.071 | 10.058 | 10.092 | HH | 9520   | 179611 | 0.59% | 0.028% |
| 138 | 10.115 | 10.092 | 10.169 | HH | 28615  | 575639 | 1.91% | 0.089% |
| 139 | 10.193 | 10.169 | 10.202 | HH | 7754   | 151441 | 0.50% | 0.023% |
| 140 | 10.219 | 10.202 | 10.262 | HH | 8414   | 257300 | 0.85% | 0.040% |
| 141 | 10.288 | 10.262 | 10.340 | HH | 8199   | 331958 | 1.10% | 0.051% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 10.353 | 10.340 | 10.370 | HH | 6849   | 118451  | 0.39%  | 0.018% |
| 143    | 10.387 | 10.370 | 10.415 | HH | 7456   | 188256  | 0.62%  | 0.029% |
| 144    | 10.462 | 10.415 | 10.477 | HH | 8563   | 283587  | 0.94%  | 0.044% |
| 145    | 10.503 | 10.477 | 10.532 | HH | 16642  | 372861  | 1.23%  | 0.058% |
| 146    | 10.555 | 10.532 | 10.570 | HH | 10726  | 213136  | 0.71%  | 0.033% |
| 147    | 10.588 | 10.570 | 10.610 | HH | 10401  | 225394  | 0.75%  | 0.035% |
| 148    | 10.624 | 10.610 | 10.637 | HH | 9539   | 140290  | 0.46%  | 0.022% |
| 149    | 10.649 | 10.637 | 10.673 | HH | 9762   | 182351  | 0.60%  | 0.028% |
| 150    | 10.699 | 10.673 | 10.715 | HH | 9258   | 200266  | 0.66%  | 0.031% |
| 151    | 10.755 | 10.715 | 10.817 | HH | 12475  | 569603  | 1.89%  | 0.088% |
| 152    | 10.854 | 10.817 | 10.885 | HH | 26646  | 575113  | 1.90%  | 0.089% |
| 153    | 10.926 | 10.885 | 10.957 | HH | 19714  | 568612  | 1.88%  | 0.088% |
| 154    | 10.973 | 10.957 | 10.993 | HH | 9320   | 191225  | 0.63%  | 0.030% |
| 155    | 11.002 | 10.993 | 11.024 | HH | 8411   | 145689  | 0.48%  | 0.022% |
| 156    | 11.067 | 11.024 | 11.077 | HH | 8836   | 262274  | 0.87%  | 0.040% |
| 157    | 11.103 | 11.077 | 11.154 | HH | 54336  | 892545  | 2.96%  | 0.138% |
| 158    | 11.177 | 11.154 | 11.217 | HH | 20350  | 464429  | 1.54%  | 0.072% |
| 159    | 11.245 | 11.217 | 11.290 | HH | 10505  | 406413  | 1.35%  | 0.063% |
| 160    | 11.309 | 11.290 | 11.337 | HH | 9546   | 245545  | 0.81%  | 0.038% |
| 161    | 11.360 | 11.337 | 11.377 | HH | 9759   | 214482  | 0.71%  | 0.033% |
| 162    | 11.395 | 11.377 | 11.439 | HH | 10645  | 342185  | 1.13%  | 0.053% |
| 163    | 11.496 | 11.439 | 11.529 | HH | 9705   | 484930  | 1.61%  | 0.075% |
| 164    | 11.557 | 11.529 | 11.585 | HH | 25167  | 500670  | 1.66%  | 0.077% |
| 165    | 11.645 | 11.585 | 11.689 | HH | 18427  | 733518  | 2.43%  | 0.113% |
| 166    | 11.709 | 11.689 | 11.732 | HH | 11000  | 258470  | 0.86%  | 0.040% |
| 167    | 11.755 | 11.732 | 11.775 | HH | 10883  | 245821  | 0.81%  | 0.038% |
| 168    | 11.797 | 11.775 | 11.824 | HH | 10365  | 272300  | 0.90%  | 0.042% |
| 169    | 11.875 | 11.824 | 11.922 | HH | 741528 | 8851256 | 29.31% | 1.366% |
| 170    | 11.938 | 11.922 | 11.974 | HH | 20625  | 437146  | 1.45%  | 0.067% |
| 171    | 12.019 | 11.974 | 12.037 | HH | 17767  | 512049  | 1.70%  | 0.079% |
| 172    | 12.054 | 12.037 | 12.069 | HH | 17512  | 284214  | 0.94%  | 0.044% |
| 173    | 12.086 | 12.069 | 12.103 | HH | 19143  | 307661  | 1.02%  | 0.047% |
| 174    | 12.114 | 12.103 | 12.145 | HH | 13206  | 288642  | 0.96%  | 0.045% |
| 175    | 12.165 | 12.145 | 12.182 | HH | 10714  | 228851  | 0.76%  | 0.035% |
| 176    | 12.227 | 12.182 | 12.249 | HH | 25236  | 618825  | 2.05%  | 0.095% |
| 177    | 12.279 | 12.249 | 12.354 | HH | 434461 | 5735752 | 19.00% | 0.885% |
| 178    | 12.376 | 12.354 | 12.408 | HH | 15295  | 398019  | 1.32%  | 0.061% |
| 179    | 12.440 | 12.408 | 12.452 | HH | 12482  | 302227  | 1.00%  | 0.047% |
| 180    | 12.470 | 12.452 | 12.491 | HH | 25342  | 403085  | 1.33%  | 0.062% |
| 181    | 12.521 | 12.491 | 12.537 | HH | 12873  | 334501  | 1.11%  | 0.052% |
| 182    | 12.553 | 12.537 | 12.572 | HH | 14644  | 278682  | 0.92%  | 0.043% |
| 183    | 12.583 | 12.572 | 12.595 | HH | 12058  | 162418  | 0.54%  | 0.025% |
| 184    | 12.629 | 12.595 | 12.672 | HH | 13763  | 585705  | 1.94%  | 0.090% |
| 185    | 12.703 | 12.672 | 12.730 | HH | 17264  | 504017  | 1.67%  | 0.078% |
| 186    | 12.753 | 12.730 | 12.783 | HH | 16867  | 447900  | 1.48%  | 0.069% |
| 187    | 12.805 | 12.783 | 12.824 | HH | 20849  | 403451  | 1.34%  | 0.062% |
| 188    | 12.865 | 12.824 | 12.894 | HH | 29507  | 776363  | 2.57%  | 0.120% |
| 189    | 12.919 | 12.894 | 12.970 | HH | 110914 | 1737303 | 5.75%  | 0.268% |
| 190    | 12.978 | 12.970 | 13.000 | HH | 14468  | 249781  | 0.83%  | 0.039% |
| 191    | 13.018 | 13.000 | 13.035 | HH | 13872  | 283920  | 0.94%  | 0.044% |
| 192    | 13.051 | 13.035 | 13.067 | HH | 15171  | 271413  | 0.90%  | 0.042% |
| 193    | 13.080 | 13.067 | 13.093 | HH | 15304  | 226095  | 0.75%  | 0.035% |
| 194    | 13.109 | 13.093 | 13.121 | HH | 16530  | 269075  | 0.89%  | 0.042% |

|     |        |        |        |    |         |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
|     |        |        |        |    | rteres  |          |         |        |
| 195 | 13.130 | 13.121 | 13.185 | HH | 16218   | 561804   | 1.86%   | 0.087% |
| 196 | 13.218 | 13.185 | 13.249 | HH | 111378  | 1568302  | 5.19%   | 0.242% |
| 197 | 13.309 | 13.249 | 13.339 | HH | 1559846 | 30196090 | 100.00% | 4.659% |
| 198 | 13.359 | 13.339 | 13.452 | HH | 822690  | 11213298 | 37.13%  | 1.730% |
| 199 | 13.481 | 13.452 | 13.504 | HH | 30727   | 688574   | 2.28%   | 0.106% |
| 200 | 13.530 | 13.504 | 13.604 | HH | 204981  | 3312367  | 10.97%  | 0.511% |
| 201 | 13.617 | 13.604 | 13.637 | HH | 20240   | 369368   | 1.22%   | 0.057% |
| 202 | 13.681 | 13.637 | 13.752 | HH | 23365   | 1292802  | 4.28%   | 0.199% |
| 203 | 13.818 | 13.752 | 13.850 | HH | 35188   | 1422378  | 4.71%   | 0.219% |
| 204 | 13.862 | 13.850 | 13.892 | HH | 19097   | 465356   | 1.54%   | 0.072% |
| 205 | 13.919 | 13.892 | 13.937 | HH | 23977   | 566341   | 1.88%   | 0.087% |
| 206 | 13.957 | 13.937 | 13.980 | HH | 27622   | 597896   | 1.98%   | 0.092% |
| 207 | 13.989 | 13.980 | 14.027 | HH | 21473   | 569349   | 1.89%   | 0.088% |
| 208 | 14.064 | 14.027 | 14.079 | HH | 36341   | 832832   | 2.76%   | 0.128% |
| 209 | 14.088 | 14.079 | 14.112 | HH | 33880   | 600381   | 1.99%   | 0.093% |
| 210 | 14.125 | 14.112 | 14.144 | HH | 29148   | 494466   | 1.64%   | 0.076% |
| 211 | 14.173 | 14.144 | 14.227 | HH | 27068   | 1188058  | 3.93%   | 0.183% |
| 212 | 14.277 | 14.227 | 14.310 | HH | 24764   | 1149919  | 3.81%   | 0.177% |
| 213 | 14.341 | 14.310 | 14.406 | HH | 41413   | 1720737  | 5.70%   | 0.265% |
| 214 | 14.447 | 14.406 | 14.488 | HH | 40345   | 1558851  | 5.16%   | 0.241% |
| 215 | 14.514 | 14.488 | 14.526 | HH | 33043   | 697018   | 2.31%   | 0.108% |
| 216 | 14.542 | 14.526 | 14.594 | HH | 37164   | 1180164  | 3.91%   | 0.182% |
| 217 | 14.624 | 14.594 | 14.654 | HH | 40966   | 1123086  | 3.72%   | 0.173% |
| 218 | 14.684 | 14.654 | 14.728 | HH | 59013   | 1744180  | 5.78%   | 0.269% |
| 219 | 14.738 | 14.728 | 14.760 | HH | 31834   | 584318   | 1.94%   | 0.090% |
| 220 | 14.784 | 14.760 | 14.807 | HH | 42056   | 940541   | 3.11%   | 0.145% |
| 221 | 14.842 | 14.807 | 14.887 | HH | 35699   | 1405608  | 4.65%   | 0.217% |
| 222 | 14.907 | 14.887 | 14.925 | HH | 28926   | 635973   | 2.11%   | 0.098% |
| 223 | 14.968 | 14.925 | 15.022 | HH | 30131   | 1673969  | 5.54%   | 0.258% |
| 224 | 15.093 | 15.022 | 15.115 | HH | 79699   | 2314106  | 7.66%   | 0.357% |
| 225 | 15.135 | 15.115 | 15.205 | HH | 79992   | 2495310  | 8.26%   | 0.385% |
| 226 | 15.255 | 15.205 | 15.280 | HH | 42071   | 1567528  | 5.19%   | 0.242% |
| 227 | 15.296 | 15.280 | 15.305 | HH | 33058   | 492103   | 1.63%   | 0.076% |
| 228 | 15.332 | 15.305 | 15.378 | HH | 33678   | 1411914  | 4.68%   | 0.218% |
| 229 | 15.401 | 15.378 | 15.424 | HH | 36196   | 936572   | 3.10%   | 0.145% |
| 230 | 15.440 | 15.424 | 15.507 | HH | 35920   | 1712015  | 5.67%   | 0.264% |
| 231 | 15.553 | 15.507 | 15.630 | HH | 56029   | 2934671  | 9.72%   | 0.453% |
| 232 | 15.684 | 15.630 | 15.715 | HH | 45156   | 1883980  | 6.24%   | 0.291% |
| 233 | 15.740 | 15.715 | 15.755 | HH | 48934   | 1038437  | 3.44%   | 0.160% |
| 234 | 15.767 | 15.755 | 15.788 | HH | 48178   | 835981   | 2.77%   | 0.129% |
| 235 | 15.805 | 15.788 | 15.835 | HH | 40208   | 1056727  | 3.50%   | 0.163% |
| 236 | 15.928 | 15.835 | 15.963 | HH | 42223   | 2892153  | 9.58%   | 0.446% |
| 237 | 16.008 | 15.963 | 16.028 | HH | 40174   | 1464497  | 4.85%   | 0.226% |
| 238 | 16.089 | 16.028 | 16.107 | HH | 41138   | 1821929  | 6.03%   | 0.281% |
| 239 | 16.127 | 16.107 | 16.137 | HH | 41053   | 723444   | 2.40%   | 0.112% |
| 240 | 16.186 | 16.137 | 16.232 | HH | 51763   | 2468895  | 8.18%   | 0.381% |
| 241 | 16.244 | 16.232 | 16.266 | HH | 43789   | 862511   | 2.86%   | 0.133% |
| 242 | 16.276 | 16.266 | 16.285 | HH | 42518   | 477518   | 1.58%   | 0.074% |
| 243 | 16.308 | 16.285 | 16.323 | HH | 42805   | 957103   | 3.17%   | 0.148% |
| 244 | 16.379 | 16.323 | 16.417 | HH | 49351   | 2605114  | 8.63%   | 0.402% |
| 245 | 16.438 | 16.417 | 16.450 | HH | 48911   | 953222   | 3.16%   | 0.147% |
| 246 | 16.476 | 16.450 | 16.509 | HH | 51610   | 1753397  | 5.81%   | 0.271% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.573 | 16.509 | 16.602 | HH | 59490  | 2991569 | 9.91%  | 0.462% |
| 248    | 16.652 | 16.602 | 16.707 | HH | 105914 | 4380976 | 14.51% | 0.676% |
| 249    | 16.748 | 16.707 | 16.765 | HH | 60127  | 2023844 | 6.70%  | 0.312% |
| 250    | 16.784 | 16.765 | 16.809 | HH | 66842  | 1628237 | 5.39%  | 0.251% |
|        |        |        |        |    |        |         |        |        |
| 251    | 16.833 | 16.809 | 16.851 | HH | 60288  | 1477673 | 4.89%  | 0.228% |
| 252    | 16.874 | 16.851 | 16.889 | HH | 60829  | 1320163 | 4.37%  | 0.204% |
| 253    | 16.899 | 16.889 | 16.909 | HH | 59792  | 726854  | 2.41%  | 0.112% |
| 254    | 16.972 | 16.909 | 16.997 | HH | 96193  | 3668714 | 12.15% | 0.566% |
| 255    | 17.029 | 16.997 | 17.080 | HH | 104652 | 3614008 | 11.97% | 0.558% |
|        |        |        |        |    |        |         |        |        |
| 256    | 17.132 | 17.080 | 17.169 | HH | 81322  | 3648017 | 12.08% | 0.563% |
| 257    | 17.183 | 17.169 | 17.219 | HH | 68551  | 1974589 | 6.54%  | 0.305% |
| 258    | 17.242 | 17.219 | 17.254 | HH | 65826  | 1359123 | 4.50%  | 0.210% |
| 259    | 17.276 | 17.254 | 17.305 | HH | 68052  | 2056593 | 6.81%  | 0.317% |
| 260    | 17.345 | 17.305 | 17.354 | HH | 68699  | 1944307 | 6.44%  | 0.300% |
|        |        |        |        |    |        |         |        |        |
| 261    | 17.379 | 17.354 | 17.389 | HH | 72631  | 1476794 | 4.89%  | 0.228% |
| 262    | 17.401 | 17.389 | 17.422 | HH | 72620  | 1432654 | 4.74%  | 0.221% |
| 263    | 17.443 | 17.422 | 17.476 | HH | 74719  | 2368524 | 7.84%  | 0.365% |
| 264    | 17.533 | 17.476 | 17.564 | HH | 82135  | 4051099 | 13.42% | 0.625% |
| 265    | 17.585 | 17.564 | 17.603 | HH | 86107  | 1943903 | 6.44%  | 0.300% |
|        |        |        |        |    |        |         |        |        |
| 266    | 17.617 | 17.603 | 17.640 | HH | 81772  | 1781585 | 5.90%  | 0.275% |
| 267    | 17.649 | 17.640 | 17.670 | HH | 81227  | 1455037 | 4.82%  | 0.224% |
| 268    | 17.690 | 17.670 | 17.729 | HH | 90052  | 2958972 | 9.80%  | 0.457% |
| 269    | 17.748 | 17.729 | 17.772 | HH | 87122  | 2195800 | 7.27%  | 0.339% |
| 270    | 17.791 | 17.772 | 17.833 | HH | 88983  | 3047800 | 10.09% | 0.470% |
|        |        |        |        |    |        |         |        |        |
| 271    | 17.875 | 17.833 | 17.899 | HH | 88387  | 3356186 | 11.11% | 0.518% |
| 272    | 18.022 | 17.899 | 18.045 | HH | 100664 | 7772375 | 25.74% | 1.199% |
| 273    | 18.067 | 18.045 | 18.081 | HH | 89782  | 1935830 | 6.41%  | 0.299% |
| 274    | 18.163 | 18.081 | 18.215 | HH | 109938 | 7728259 | 25.59% | 1.192% |
| 275    | 18.261 | 18.215 | 18.279 | HH | 97553  | 3647170 | 12.08% | 0.563% |
|        |        |        |        |    |        |         |        |        |
| 276    | 18.310 | 18.279 | 18.329 | HH | 106850 | 3046708 | 10.09% | 0.470% |
| 277    | 18.339 | 18.329 | 18.359 | HH | 104898 | 1868787 | 6.19%  | 0.288% |
| 278    | 18.400 | 18.359 | 18.425 | HH | 143516 | 4777405 | 15.82% | 0.737% |
| 279    | 18.446 | 18.425 | 18.467 | HH | 119907 | 2859742 | 9.47%  | 0.441% |
| 280    | 18.485 | 18.467 | 18.506 | HH | 110997 | 2583161 | 8.55%  | 0.399% |
|        |        |        |        |    |        |         |        |        |
| 281    | 18.530 | 18.506 | 18.552 | HH | 128368 | 3214764 | 10.65% | 0.496% |
| 282    | 18.566 | 18.552 | 18.589 | HH | 118174 | 2496201 | 8.27%  | 0.385% |
| 283    | 18.597 | 18.589 | 18.627 | HH | 111245 | 2488497 | 8.24%  | 0.384% |
| 284    | 18.654 | 18.627 | 18.686 | HH | 142487 | 4291031 | 14.21% | 0.662% |
| 285    | 18.696 | 18.686 | 18.703 | HH | 112003 | 1114335 | 3.69%  | 0.172% |
|        |        |        |        |    |        |         |        |        |
| 286    | 18.746 | 18.703 | 18.755 | HH | 116592 | 3570152 | 11.82% | 0.551% |
| 287    | 18.787 | 18.755 | 18.806 | HH | 123088 | 3618622 | 11.98% | 0.558% |
| 288    | 18.852 | 18.806 | 18.897 | HH | 129673 | 6674412 | 22.10% | 1.030% |
| 289    | 18.913 | 18.897 | 18.928 | HH | 124131 | 2199537 | 7.28%  | 0.339% |
| 290    | 18.954 | 18.928 | 18.975 | HH | 132684 | 3671452 | 12.16% | 0.566% |
|        |        |        |        |    |        |         |        |        |
| 291    | 18.999 | 18.975 | 19.042 | HH | 134553 | 5167128 | 17.11% | 0.797% |
| 292    | 19.050 | 19.042 | 19.058 | HH | 129143 | 1237070 | 4.10%  | 0.191% |
| 293    | 19.086 | 19.058 | 19.107 | HH | 132194 | 3777039 | 12.51% | 0.583% |
| 294    | 19.132 | 19.107 | 19.152 | HH | 133751 | 3571517 | 11.83% | 0.551% |
| 295    | 19.170 | 19.152 | 19.185 | HH | 134639 | 2596811 | 8.60%  | 0.401% |
|        |        |        |        |    |        |         |        |        |
| 296    | 19.217 | 19.185 | 19.249 | HH | 145809 | 5379530 | 17.82% | 0.830% |
| 297    | 19.255 | 19.249 | 19.272 | HH | 145119 | 1997530 | 6.62%  | 0.308% |
| 298    | 19.288 | 19.272 | 19.312 | HH | 143790 | 3381920 | 11.20% | 0.522% |
| 299    | 19.351 | 19.312 | 19.391 | HH | 151077 | 6912204 | 22.89% | 1.066% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 300    | 19.417 | 19.391 | 19.521 | HH | 147565 | 11344994 | 37.57% | 1.750% |
| 301    | 19.534 | 19.521 | 19.555 | HH | 148014 | 2987179  | 9.89%  | 0.461% |
| 302    | 19.574 | 19.555 | 19.581 | HH | 150198 | 2304333  | 7.63%  | 0.356% |
| 303    | 19.639 | 19.581 | 19.652 | HH | 162984 | 6607012  | 21.88% | 1.019% |
| 304    | 19.673 | 19.652 | 19.699 | HH | 167616 | 4571513  | 15.14% | 0.705% |
| 305    | 19.752 | 19.699 | 19.781 | HH | 172452 | 8283858  | 27.43% | 1.278% |
| 306    | 19.811 | 19.781 | 19.844 | HH | 176877 | 6344122  | 21.01% | 0.979% |
| 307    | 19.885 | 19.844 | 19.924 | HH | 179811 | 8275876  | 27.41% | 1.277% |
| 308    | 19.935 | 19.924 | 19.947 | HH | 176079 | 2443039  | 8.09%  | 0.377% |
| 309    | 20.013 | 19.947 | 20.041 | HH | 191255 | 10409873 | 34.47% | 1.606% |
| 310    | 20.053 | 20.041 | 20.089 | HH | 189059 | 5315808  | 17.60% | 0.820% |
| 311    | 20.100 | 20.089 | 20.124 | HH | 189843 | 3861137  | 12.79% | 0.596% |
| 312    | 20.185 | 20.124 | 20.240 | HH | 208245 | 13732002 | 45.48% | 2.119% |
| 313    | 20.282 | 20.240 | 20.313 | HH | 199933 | 8641189  | 28.62% | 1.333% |
| 314    | 20.377 | 20.313 | 20.385 | HH | 213592 | 8694756  | 28.79% | 1.342% |
| 315    | 20.403 | 20.385 | 20.411 | HH | 213016 | 3263062  | 10.81% | 0.503% |
| 316    | 20.448 | 20.411 | 20.479 | HH | 220950 | 8850127  | 29.31% | 1.366% |
| 317    | 20.502 | 20.479 | 20.525 | HH | 217703 | 5923836  | 19.62% | 0.914% |
| 318    | 20.537 | 20.525 | 20.559 | HH | 218981 | 4294887  | 14.22% | 0.663% |
| 319    | 20.583 | 20.559 | 20.595 | HH | 218867 | 4708647  | 15.59% | 0.727% |
| 320    | 20.628 | 20.595 | 20.637 | HH | 225589 | 5514774  | 18.26% | 0.851% |
| 321    | 20.690 | 20.637 | 20.712 | HH | 245658 | 10529386 | 34.87% | 1.625% |
| 322    | 20.734 | 20.712 | 20.816 | HH | 241744 | 14512762 | 48.06% | 2.239% |
| 323    | 20.841 | 20.816 | 20.852 | HH | 229147 | 4740811  | 15.70% | 0.731% |
| 324    | 20.886 | 20.852 | 20.905 | HH | 234941 | 7328216  | 24.27% | 1.131% |
| 325    | 20.918 | 20.905 | 20.932 | HH | 234812 | 3815017  | 12.63% | 0.589% |
| 326    | 20.956 | 20.932 | 20.973 | HH | 239360 | 5763967  | 19.09% | 0.889% |
| 327    | 21.001 | 20.973 | 21.088 | HH | 239682 | 15702127 | 52.00% | 2.423% |
| 328    | 21.113 | 21.088 | 21.125 | HH | 217331 | 4877574  | 16.15% | 0.753% |
| 329    | 21.182 | 21.125 | 21.194 | HH | 228406 | 9108450  | 30.16% | 1.405% |
| 330    | 21.219 | 21.194 | 21.294 | HH | 233773 | 13784697 | 45.65% | 2.127% |
| 331    | 21.303 | 21.294 | 21.366 | HH | 228554 | 9595872  | 31.78% | 1.481% |
| 332    | 21.377 | 21.366 | 21.399 | HH | 219306 | 4221144  | 13.98% | 0.651% |
| 333    | 21.409 | 21.399 | 21.441 | HH | 217663 | 5490120  | 18.18% | 0.847% |
| 334    | 21.495 | 21.441 | 21.507 | HH | 221058 | 8520894  | 28.22% | 1.315% |
| 335    | 21.518 | 21.507 | 21.525 | HH | 227516 | 2471858  | 8.19%  | 0.381% |
| 336    | 21.533 | 21.525 | 21.608 | HH | 226606 | 10750416 | 35.60% | 1.659% |
| 337    | 21.621 | 21.608 | 21.639 | HH | 213069 | 4005464  | 13.26% | 0.618% |
| 338    | 21.657 | 21.639 | 21.680 | HH | 212308 | 5132202  | 17.00% | 0.792% |
| 339    | 21.691 | 21.680 | 21.698 | HH | 209043 | 2308659  | 7.65%  | 0.356% |
| 340    | 21.709 | 21.698 | 21.717 | HH | 210703 | 2303590  | 7.63%  | 0.355% |
| 341    | 21.726 | 21.717 | 21.737 | HH | 213602 | 2524949  | 8.36%  | 0.390% |
| 342    | 21.743 | 21.737 | 21.755 | HH | 212674 | 2284179  | 7.56%  | 0.352% |
| 343    | 21.769 | 21.755 | 21.809 | HH | 213684 | 6795952  | 22.51% | 1.049% |
| 344    | 21.815 | 21.809 | 21.848 | HH | 211500 | 4943058  | 16.37% | 0.763% |
| 345    | 21.858 | 21.848 | 21.867 | HH | 210579 | 2367682  | 7.84%  | 0.365% |
| 346    | 21.879 | 21.867 | 21.911 | HH | 209657 | 5471775  | 18.12% | 0.844% |
| 347    | 21.929 | 21.911 | 21.951 | HH | 209557 | 5026130  | 16.64% | 0.775% |
| 348    | 21.960 | 21.951 | 21.989 | HH | 208991 | 4629009  | 15.33% | 0.714% |
| 349    | 21.997 | 21.989 | 22.042 | HH | 208140 | 6503444  | 21.54% | 1.003% |
| 350    | 22.058 | 22.042 | 22.090 | HH | 198993 | 5690462  | 18.85% | 0.878% |

Sum of corrected areas: 648123455

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