

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112024AL\  
Data File : FC067830.D  
Signal(s) : FID1A.ch  
Acq On : 20 Nov 2024 16:17  
Sample : P4925-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 111424.M  
Title : GC Extractables

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         | 3.285       | 3.224        | 3.318      | BV       | 46421          | 425753       | 5.72%          | 0.903%        |
| 2         | 3.331       | 3.318        | 3.361      | PV       | 613            | -26611       | -0.36%         | -0.056%       |
| 3         | 3.384       | 3.361        | 3.395      | PV       | 3514           | -2171        | -0.03%         | -0.005%       |
| 4         | 3.408       | 3.395        | 3.422      | PV       | 2964           | 16622        | 0.22%          | 0.035%        |
| 5         | 3.432       | 3.422        | 3.447      | PV       | 658            | -2620        | -0.04%         | -0.006%       |
| 6         | 3.462       | 3.447        | 3.472      | PV       | 2670           | 11562        | 0.16%          | 0.025%        |
| 7         | 3.486       | 3.472        | 3.514      | VV       | 3937           | 15390        | 0.21%          | 0.033%        |
| 8         | 3.561       | 3.514        | 3.582      | PV       | 6897           | 79268        | 1.07%          | 0.168%        |
| 9         | 3.615       | 3.582        | 3.632      | PV       | 8488           | 97080        | 1.31%          | 0.206%        |
| 10        | 3.672       | 3.632        | 3.681      | PV       | 21618          | 295283       | 3.97%          | 0.626%        |
| 11        | 3.691       | 3.681        | 3.711      | VV       | 28063          | 259342       | 3.49%          | 0.550%        |
| 12        | 3.726       | 3.711        | 3.743      | VV       | 4548           | 52102        | 0.70%          | 0.111%        |
| 13        | 3.774       | 3.743        | 3.838      | PV       | 88524          | 1100430      | 14.80%         | 2.335%        |
| 14        | 3.858       | 3.838        | 3.910      | PV       | 52784          | 526934       | 7.08%          | 1.118%        |
| 15        | 3.952       | 3.910        | 3.968      | PV       | 66818          | 661079       | 8.89%          | 1.403%        |
| 16        | 3.978       | 3.968        | 3.998      | VV       | 21525          | 191917       | 2.58%          | 0.407%        |
| 17        | 4.011       | 3.998        | 4.026      | VV       | 3337           | 32147        | 0.43%          | 0.068%        |
| 18        | 4.045       | 4.026        | 4.066      | VV       | 21588          | 188532       | 2.53%          | 0.400%        |
| 19        | 4.111       | 4.066        | 4.141      | PV       | 185529         | 1641993      | 22.08%         | 3.484%        |
| 20        | 4.172       | 4.141        | 4.200      | VV       | 5085           | 99073        | 1.33%          | 0.210%        |
| 21        | 4.210       | 4.200        | 4.231      | PV       | 657            | -11874       | -0.16%         | -0.025%       |
| 22        | 4.264       | 4.231        | 4.286      | PV       | 6149           | 86182        | 1.16%          | 0.183%        |
| 23        | 4.302       | 4.286        | 4.323      | VV       | 10188          | 93104        | 1.25%          | 0.198%        |
| 24        | 4.348       | 4.323        | 4.369      | PV       | 42766          | 394529       | 5.30%          | 0.837%        |
| 25        | 4.389       | 4.369        | 4.407      | VV       | 48233          | 429169       | 5.77%          | 0.911%        |
| 26        | 4.420       | 4.407        | 4.437      | VV       | 9271           | 71712        | 0.96%          | 0.152%        |
| 27        | 4.452       | 4.437        | 4.475      | PV       | 2553           | 14158        | 0.19%          | 0.030%        |
| 28        | 4.495       | 4.475        | 4.534      | PV       | 23418          | 262576       | 3.53%          | 0.557%        |
| 29        | 4.548       | 4.534        | 4.558      | VV       | 1998           | 18893        | 0.25%          | 0.040%        |
| 30        | 4.572       | 4.558        | 4.586      | VV       | 3449           | 36651        | 0.49%          | 0.078%        |
| 31        | 4.601       | 4.586        | 4.616      | VV       | 8505           | 67984        | 0.91%          | 0.144%        |
| 32        | 4.634       | 4.616        | 4.668      | PV       | 12709          | 177807       | 2.39%          | 0.377%        |
| 33        | 4.698       | 4.668        | 4.710      | VV       | 28924          | 312916       | 4.21%          | 0.664%        |
| 34        | 4.725       | 4.710        | 4.744      | VV       | 54279          | 562506       | 7.56%          | 1.193%        |
| 35        | 4.765       | 4.744        | 4.784      | VV       | 47601          | 646470       | 8.69%          | 1.372%        |
| 36        | 4.798       | 4.784        | 4.838      | VV       | 50069          | 507470       | 6.82%          | 1.077%        |

|    |       |       |       |    |        |        |        |        |
|----|-------|-------|-------|----|--------|--------|--------|--------|
|    |       |       |       |    | rteres |        |        |        |
| 37 | 4.874 | 4.838 | 4.891 | PV | 19540  | 186877 | 2.51%  | 0.396% |
| 38 | 4.907 | 4.891 | 4.917 | VV | 5554   | 67016  | 0.90%  | 0.142% |
| 39 | 4.931 | 4.917 | 4.943 | VV | 10974  | 108972 | 1.47%  | 0.231% |
| 40 | 4.954 | 4.943 | 4.967 | VV | 10293  | 102929 | 1.38%  | 0.218% |
| 41 | 4.986 | 4.967 | 5.014 | VV | 54966  | 794286 | 10.68% | 1.685% |
| 42 | 5.035 | 5.014 | 5.047 | VV | 34105  | 430692 | 5.79%  | 0.914% |
| 43 | 5.061 | 5.047 | 5.078 | VV | 69301  | 660477 | 8.88%  | 1.401% |
| 44 | 5.086 | 5.078 | 5.105 | VV | 13167  | 123360 | 1.66%  | 0.262% |
| 45 | 5.115 | 5.105 | 5.129 | VV | 3168   | 21792  | 0.29%  | 0.046% |
| 46 | 5.155 | 5.129 | 5.170 | PV | 5313   | 68059  | 0.92%  | 0.144% |
| 47 | 5.181 | 5.170 | 5.218 | VV | 4552   | 65203  | 0.88%  | 0.138% |
| 48 | 5.254 | 5.218 | 5.300 | VV | 20686  | 311393 | 4.19%  | 0.661% |
| 49 | 5.337 | 5.300 | 5.358 | VV | 7659   | 97244  | 1.31%  | 0.206% |
| 50 | 5.382 | 5.358 | 5.398 | PV | 69745  | 665067 | 8.94%  | 1.411% |
| 51 | 5.414 | 5.398 | 5.441 | VV | 61039  | 600391 | 8.07%  | 1.274% |
| 52 | 5.453 | 5.441 | 5.487 | VV | 1728   | 20777  | 0.28%  | 0.044% |
| 53 | 5.503 | 5.487 | 5.534 | PV | 929    | 18029  | 0.24%  | 0.038% |
| 54 | 5.567 | 5.534 | 5.585 | VV | 35275  | 377965 | 5.08%  | 0.802% |
| 55 | 5.597 | 5.585 | 5.640 | VV | 15521  | 279104 | 3.75%  | 0.592% |
| 56 | 5.661 | 5.640 | 5.699 | VV | 54576  | 799793 | 10.75% | 1.697% |
| 57 | 5.715 | 5.699 | 5.738 | VV | 22286  | 289788 | 3.90%  | 0.615% |
| 58 | 5.751 | 5.738 | 5.769 | VV | 17531  | 177689 | 2.39%  | 0.377% |
| 59 | 5.792 | 5.769 | 5.817 | VV | 9289   | 155168 | 2.09%  | 0.329% |
| 60 | 5.838 | 5.817 | 5.859 | VV | 16123  | 206689 | 2.78%  | 0.438% |
| 61 | 5.889 | 5.859 | 5.908 | VV | 13518  | 229433 | 3.08%  | 0.487% |
| 62 | 5.927 | 5.908 | 5.946 | VV | 41428  | 452606 | 6.09%  | 0.960% |
| 63 | 5.959 | 5.946 | 5.997 | VV | 16894  | 246924 | 3.32%  | 0.524% |
| 64 | 6.019 | 5.997 | 6.040 | PV | 14235  | 164158 | 2.21%  | 0.348% |
| 65 | 6.081 | 6.040 | 6.098 | VV | 23756  | 563853 | 7.58%  | 1.196% |
| 66 | 6.111 | 6.098 | 6.129 | VV | 13175  | 172937 | 2.33%  | 0.367% |
| 67 | 6.144 | 6.129 | 6.161 | VV | 14483  | 146064 | 1.96%  | 0.310% |
| 68 | 6.185 | 6.161 | 6.219 | VV | 19702  | 335422 | 4.51%  | 0.712% |
| 69 | 6.230 | 6.219 | 6.258 | VV | 1830   | 34432  | 0.46%  | 0.073% |
| 70 | 6.284 | 6.258 | 6.334 | VV | 11313  | 168723 | 2.27%  | 0.358% |
| 71 | 6.361 | 6.334 | 6.394 | VV | 19079  | 246322 | 3.31%  | 0.523% |
| 72 | 6.426 | 6.394 | 6.440 | VV | 9934   | 159894 | 2.15%  | 0.339% |
| 73 | 6.474 | 6.440 | 6.495 | VV | 15020  | 356588 | 4.79%  | 0.757% |
| 74 | 6.525 | 6.495 | 6.543 | VV | 16530  | 280900 | 3.78%  | 0.596% |
| 75 | 6.558 | 6.543 | 6.574 | VV | 8642   | 100536 | 1.35%  | 0.213% |
| 76 | 6.584 | 6.574 | 6.595 | VV | 4040   | 44639  | 0.60%  | 0.095% |
| 77 | 6.639 | 6.595 | 6.659 | VV | 23303  | 305635 | 4.11%  | 0.648% |
| 78 | 6.676 | 6.659 | 6.684 | VV | 4554   | 50153  | 0.67%  | 0.106% |
| 79 | 6.699 | 6.684 | 6.725 | VV | 6291   | 119777 | 1.61%  | 0.254% |
| 80 | 6.757 | 6.725 | 6.783 | VV | 15972  | 286995 | 3.86%  | 0.609% |
| 81 | 6.794 | 6.783 | 6.809 | VV | 4266   | 43173  | 0.58%  | 0.092% |
| 82 | 6.837 | 6.809 | 6.850 | VV | 4486   | 80522  | 1.08%  | 0.171% |
| 83 | 6.878 | 6.850 | 6.898 | VV | 9638   | 161614 | 2.17%  | 0.343% |
| 84 | 6.919 | 6.898 | 6.951 | VV | 18385  | 291484 | 3.92%  | 0.618% |
| 85 | 6.980 | 6.951 | 7.010 | VV | 64922  | 804307 | 10.81% | 1.706% |
| 86 | 7.022 | 7.010 | 7.043 | VV | 6629   | 81893  | 1.10%  | 0.174% |
| 87 | 7.063 | 7.043 | 7.081 | VV | 7473   | 94832  | 1.28%  | 0.201% |
| 88 | 7.114 | 7.081 | 7.146 | VV | 33163  | 401013 | 5.39%  | 0.851% |
| 89 | 7.197 | 7.146 | 7.206 | VV | 3324   | 57134  | 0.77%  | 0.121% |

|     |       |       |       |    |        |         |         |         |
|-----|-------|-------|-------|----|--------|---------|---------|---------|
|     |       |       |       |    | rteres |         |         |         |
| 90  | 7.218 | 7.206 | 7.238 | VV | 4767   | 53004   | 0.71%   | 0.112%  |
| 91  | 7.283 | 7.238 | 7.303 | VV | 13933  | 180859  | 2.43%   | 0.384%  |
| 92  | 7.319 | 7.303 | 7.354 | VV | 4455   | 91553   | 1.23%   | 0.194%  |
| 93  | 7.368 | 7.354 | 7.431 | VV | 3196   | 76776   | 1.03%   | 0.163%  |
| 94  | 7.455 | 7.431 | 7.476 | VV | 4645   | 56641   | 0.76%   | 0.120%  |
| 95  | 7.496 | 7.476 | 7.528 | VV | 3084   | 55983   | 0.75%   | 0.119%  |
| 96  | 7.544 | 7.528 | 7.559 | PV | 832    | 8169    | 0.11%   | 0.017%  |
| 97  | 7.594 | 7.559 | 7.634 | VV | 754209 | 7437724 | 100.00% | 15.779% |
| 98  | 7.645 | 7.634 | 7.659 | VV | 2670   | 33016   | 0.44%   | 0.070%  |
| 99  | 7.677 | 7.659 | 7.689 | VV | 2712   | 43362   | 0.58%   | 0.092%  |
| 100 | 7.704 | 7.689 | 7.721 | VV | 2934   | 44034   | 0.59%   | 0.093%  |
| 101 | 7.735 | 7.721 | 7.750 | VV | 2383   | 31711   | 0.43%   | 0.067%  |
| 102 | 7.773 | 7.750 | 7.786 | VV | 4745   | 63788   | 0.86%   | 0.135%  |
| 103 | 7.801 | 7.786 | 7.824 | VV | 7469   | 74642   | 1.00%   | 0.158%  |
| 104 | 7.858 | 7.824 | 7.892 | VV | 5758   | 99824   | 1.34%   | 0.212%  |
| 105 | 7.907 | 7.892 | 7.929 | VV | 3550   | 32882   | 0.44%   | 0.070%  |
| 106 | 7.971 | 7.929 | 8.040 | PV | 7417   | 148763  | 2.00%   | 0.316%  |
| 107 | 8.075 | 8.040 | 8.090 | PV | 10744  | 123185  | 1.66%   | 0.261%  |
| 108 | 8.100 | 8.090 | 8.122 | VV | 6200   | 63145   | 0.85%   | 0.134%  |
| 109 | 8.152 | 8.122 | 8.187 | PV | 3903   | 54498   | 0.73%   | 0.116%  |
| 110 | 8.197 | 8.187 | 8.209 | PV | 70     | -2552   | -0.03%  | -0.005% |
| 111 | 8.236 | 8.209 | 8.258 | PV | 2376   | 31538   | 0.42%   | 0.067%  |
| 112 | 8.279 | 8.258 | 8.324 | VV | 3382   | 39373   | 0.53%   | 0.084%  |
| 113 | 8.344 | 8.324 | 8.361 | PV | 1913   | 13583   | 0.18%   | 0.029%  |
| 114 | 8.377 | 8.361 | 8.404 | PV | 723    | -2336   | -0.03%  | -0.005% |
| 115 | 8.457 | 8.404 | 8.585 | PV | 474674 | 5009119 | 67.35%  | 10.627% |
| 116 | 8.606 | 8.585 | 8.638 | PV | 1004   | 9946    | 0.13%   | 0.021%  |
| 117 | 8.689 | 8.638 | 8.715 | PV | 2840   | 23635   | 0.32%   | 0.050%  |
| 118 | 8.740 | 8.715 | 8.764 | PV | -91    | -14189  | -0.19%  | -0.030% |
| 119 | 8.792 | 8.764 | 8.814 | PV | 716    | -9189   | -0.12%  | -0.019% |
| 120 | 8.831 | 8.814 | 8.851 | PV | -94    | -9208   | -0.12%  | -0.020% |
| 121 | 8.864 | 8.851 | 8.901 | PV | -219   | -17080  | -0.23%  | -0.036% |
| 122 | 8.918 | 8.901 | 8.939 | PV | -19    | -10023  | -0.13%  | -0.021% |
| 123 | 8.972 | 8.939 | 8.990 | PV | 1965   | 17833   | 0.24%   | 0.038%  |
| 124 | 9.001 | 8.990 | 9.016 | VV | 888    | 4230    | 0.06%   | 0.009%  |
| 125 | 9.042 | 9.016 | 9.078 | PV | 1189   | -3210   | -0.04%  | -0.007% |
| 126 | 9.096 | 9.078 | 9.130 | PV | 3747   | 31598   | 0.42%   | 0.067%  |
| 127 | 9.146 | 9.130 | 9.194 | PV | -30    | -31809  | -0.43%  | -0.067% |
| 128 | 9.205 | 9.194 | 9.217 | PV | -1228  | -18187  | -0.24%  | -0.039% |
| 129 | 9.252 | 9.217 | 9.277 | PV | -261   | -33337  | -0.45%  | -0.071% |
| 130 | 9.297 | 9.277 | 9.318 | PV | -989   | -28886  | -0.39%  | -0.061% |
| 131 | 9.343 | 9.318 | 9.378 | PV | -377   | -29790  | -0.40%  | -0.063% |
| 132 | 9.413 | 9.378 | 9.447 | PV | -173   | -37269  | -0.50%  | -0.079% |
| 133 | 9.470 | 9.447 | 9.495 | PV | 7676   | 58671   | 0.79%   | 0.124%  |
| 134 | 9.520 | 9.495 | 9.535 | PV | -247   | -12768  | -0.17%  | -0.027% |
| 135 | 9.554 | 9.535 | 9.572 | PV | -164   | -12868  | -0.17%  | -0.027% |
| 136 | 9.613 | 9.572 | 9.698 | PV | 28695  | 274840  | 3.70%   | 0.583%  |
| 137 | 9.709 | 9.698 | 9.727 | PV | -539   | -13539  | -0.18%  | -0.029% |
| 138 | 9.749 | 9.727 | 9.773 | PV | 634    | -12007  | -0.16%  | -0.025% |
| 139 | 9.781 | 9.773 | 9.794 | PV | -1093  | -15770  | -0.21%  | -0.033% |
| 140 | 9.806 | 9.794 | 9.827 | PV | -1276  | -27342  | -0.37%  | -0.058% |
| 141 | 9.851 | 9.827 | 9.879 | PV | -1139  | -45192  | -0.61%  | -0.096% |

|     |        |        |        |    | rteres |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 142 | 9.925  | 9.899  | 9.949  | PV | 1794   | -12021  | -0.16% | -0.026% |
| 143 | 9.956  | 9.949  | 10.003 | PV | -1400  | -52355  | -0.70% | -0.111% |
| 144 | 10.070 | 10.003 | 10.111 | PV | -918   | -86089  | -1.16% | -0.183% |
| 145 | 10.134 | 10.111 | 10.161 | PV | -619   | -33709  | -0.45% | -0.072% |
|     |        |        |        |    |        |         |        |         |
| 146 | 10.186 | 10.161 | 10.204 | PV | -859   | -30209  | -0.41% | -0.064% |
| 147 | 10.214 | 10.204 | 10.240 | PV | -808   | -24054  | -0.32% | -0.051% |
| 148 | 10.258 | 10.240 | 10.307 | PV | -1009  | -55426  | -0.75% | -0.118% |
| 149 | 10.331 | 10.307 | 10.374 | PV | -1229  | -59146  | -0.80% | -0.125% |
| 150 | 10.390 | 10.374 | 10.404 | PV | -1429  | -27137  | -0.36% | -0.058% |
|     |        |        |        |    |        |         |        |         |
| 151 | 10.421 | 10.404 | 10.443 | PV | -1171  | -30877  | -0.42% | -0.066% |
| 152 | 10.461 | 10.443 | 10.471 | PV | -926   | -19830  | -0.27% | -0.042% |
| 153 | 10.488 | 10.471 | 10.523 | PV | -519   | -35208  | -0.47% | -0.075% |
| 154 | 10.560 | 10.523 | 10.596 | PV | -425   | -49692  | -0.67% | -0.105% |
| 155 | 10.608 | 10.596 | 10.648 | PV | -1633  | -56780  | -0.76% | -0.120% |
|     |        |        |        |    |        |         |        |         |
| 156 | 10.675 | 10.648 | 10.711 | PV | -1535  | -68645  | -0.92% | -0.146% |
| 157 | 10.734 | 10.711 | 10.784 | PV | 38     | -47823  | -0.64% | -0.101% |
| 158 | 10.827 | 10.784 | 10.981 | PV | -1272  | -204780 | -2.75% | -0.434% |
| 159 | 11.053 | 10.981 | 11.082 | PV | -1506  | -111835 | -1.50% | -0.237% |
| 160 | 11.126 | 11.082 | 11.150 | PV | -1305  | -69793  | -0.94% | -0.148% |
|     |        |        |        |    |        |         |        |         |
| 161 | 11.187 | 11.150 | 11.237 | PV | -1104  | -90724  | -1.22% | -0.192% |
| 162 | 11.268 | 11.237 | 11.308 | PV | -1164  | -71204  | -0.96% | -0.151% |
| 163 | 11.345 | 11.308 | 11.367 | PV | -1932  | -73257  | -0.98% | -0.155% |
| 164 | 11.385 | 11.367 | 11.409 | PV | -1971  | -52907  | -0.71% | -0.112% |
| 165 | 11.443 | 11.409 | 11.468 | PV | -1750  | -72481  | -0.97% | -0.154% |
|     |        |        |        |    |        |         |        |         |
| 166 | 11.503 | 11.468 | 11.552 | PV | 504807 | 5381460 | 72.35% | 11.417% |
| 167 | 11.566 | 11.552 | 11.590 | PV | -1140  | -32613  | -0.44% | -0.069% |
| 168 | 11.609 | 11.590 | 11.617 | PV | -1685  | -28063  | -0.38% | -0.060% |
| 169 | 11.640 | 11.617 | 11.665 | PV | -1353  | -46200  | -0.62% | -0.098% |
| 170 | 11.680 | 11.665 | 11.695 | PV | -1675  | -33128  | -0.45% | -0.070% |
|     |        |        |        |    |        |         |        |         |
| 171 | 11.712 | 11.695 | 11.773 | PV | -1484  | -93462  | -1.26% | -0.198% |
| 172 | 11.783 | 11.773 | 11.798 | PV | -2167  | -33637  | -0.45% | -0.071% |
| 173 | 11.851 | 11.798 | 11.892 | PV | -1514  | -107351 | -1.44% | -0.228% |
| 174 | 11.907 | 11.892 | 11.920 | PV | -2086  | -35747  | -0.48% | -0.076% |
| 175 | 11.945 | 11.920 | 11.972 | PV | -1586  | -62318  | -0.84% | -0.132% |
|     |        |        |        |    |        |         |        |         |
| 176 | 12.011 | 11.972 | 12.036 | PV | -1982  | -84200  | -1.13% | -0.179% |
| 177 | 12.059 | 12.036 | 12.073 | PV | -1976  | -46817  | -0.63% | -0.099% |
| 178 | 12.102 | 12.073 | 12.160 | PV | 31947  | 253306  | 3.41%  | 0.537%  |
| 179 | 12.176 | 12.160 | 12.195 | PV | -1809  | -40609  | -0.55% | -0.086% |
| 180 | 12.207 | 12.195 | 12.248 | PV | -2020  | -68046  | -0.91% | -0.144% |
|     |        |        |        |    |        |         |        |         |
| 181 | 12.272 | 12.248 | 12.290 | PV | -2000  | -53909  | -0.72% | -0.114% |
| 182 | 12.320 | 12.290 | 12.363 | PV | -1853  | -92421  | -1.24% | -0.196% |
| 183 | 12.431 | 12.363 | 12.452 | PV | -1645  | -113029 | -1.52% | -0.240% |
| 184 | 12.495 | 12.452 | 12.519 | PV | -1633  | -81673  | -1.10% | -0.173% |
| 185 | 12.548 | 12.519 | 12.594 | PV | 169    | -62501  | -0.84% | -0.133% |
|     |        |        |        |    |        |         |        |         |
| 186 | 12.608 | 12.594 | 12.634 | PV | -2254  | -56590  | -0.76% | -0.120% |
| 187 | 12.641 | 12.634 | 12.658 | PV | -2369  | -33536  | -0.45% | -0.071% |
| 188 | 12.673 | 12.658 | 12.689 | PV | -2360  | -45709  | -0.61% | -0.097% |
| 189 | 12.746 | 12.689 | 12.758 | PV | -2239  | -96319  | -1.30% | -0.204% |
| 190 | 12.771 | 12.758 | 12.813 | PV | -2266  | -77780  | -1.05% | -0.165% |
|     |        |        |        |    |        |         |        |         |
| 191 | 12.842 | 12.813 | 12.868 | PV | -108   | -50969  | -0.69% | -0.108% |
| 192 | 12.940 | 12.868 | 13.034 | PV | 355333 | 4184730 | 56.26% | 8.878%  |
| 193 | 13.050 | 13.034 | 13.087 | PV | -2142  | -73029  | -0.98% | -0.155% |
| 194 | 13.116 | 13.087 | 13.154 | PV | -1928  | -87612  | -1.18% | -0.186% |

|     |        |        |        |    |        |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
|     |        |        |        |    | rteres |         |        |         |
| 195 | 13.173 | 13.154 | 13.224 | PV | -2214  | -98437  | -1.32% | -0.209% |
| 196 | 13.241 | 13.224 | 13.267 | PV | -2295  | -62800  | -0.84% | -0.133% |
| 197 | 13.276 | 13.267 | 13.284 | PV | -2324  | -25528  | -0.34% | -0.054% |
| 198 | 13.305 | 13.284 | 13.314 | PV | -2022  | -37487  | -0.50% | -0.080% |
| 199 | 13.330 | 13.314 | 13.380 | PV | -1436  | -84353  | -1.13% | -0.179% |
| 200 | 13.436 | 13.380 | 13.494 | PV | -2010  | -163696 | -2.20% | -0.347% |
| 201 | 13.506 | 13.494 | 13.521 | PV | -2370  | -40240  | -0.54% | -0.085% |
| 202 | 13.545 | 13.521 | 13.564 | PV | -2172  | -59615  | -0.80% | -0.126% |
| 203 | 13.579 | 13.564 | 13.599 | PV | -2263  | -50112  | -0.67% | -0.106% |
| 204 | 13.644 | 13.599 | 13.669 | PV | -1305  | -89270  | -1.20% | -0.189% |
| 205 | 13.691 | 13.669 | 13.733 | PV | -2158  | -89538  | -1.20% | -0.190% |
| 206 | 13.749 | 13.733 | 13.838 | PV | -2370  | -160417 | -2.16% | -0.340% |
| 207 | 13.850 | 13.838 | 13.861 | PV | -2596  | -36326  | -0.49% | -0.077% |
| 208 | 13.869 | 13.861 | 13.886 | PV | -2590  | -40491  | -0.54% | -0.086% |
| 209 | 13.917 | 13.886 | 13.959 | PV | -2519  | -112598 | -1.51% | -0.239% |
| 210 | 13.969 | 13.959 | 13.988 | PV | -2591  | -46132  | -0.62% | -0.098% |
| 211 | 14.007 | 13.988 | 14.023 | PV | -2524  | -55449  | -0.75% | -0.118% |
| 212 | 14.043 | 14.023 | 14.063 | PV | -2561  | -62538  | -0.84% | -0.133% |
| 213 | 14.090 | 14.063 | 14.108 | PV | -1727  | -55120  | -0.74% | -0.117% |
| 214 | 14.125 | 14.108 | 14.208 | PV | -1495  | -135729 | -1.82% | -0.288% |
| 215 | 14.256 | 14.208 | 14.291 | PV | -1849  | -116575 | -1.57% | -0.247% |
| 216 | 14.310 | 14.291 | 14.330 | PV | -2138  | -54133  | -0.73% | -0.115% |
| 217 | 14.349 | 14.330 | 14.387 | PV | -2227  | -82184  | -1.10% | -0.174% |
| 218 | 14.410 | 14.387 | 14.454 | PV | -2178  | -97756  | -1.31% | -0.207% |
| 219 | 14.472 | 14.454 | 14.515 | PV | -2275  | -92021  | -1.24% | -0.195% |
| 220 | 14.534 | 14.515 | 14.568 | PV | -2554  | -83497  | -1.12% | -0.177% |
| 221 | 14.571 | 14.568 | 14.579 | PV | -2581  | -17602  | -0.24% | -0.037% |
| 222 | 14.590 | 14.579 | 14.603 | PV | -2602  | -38083  | -0.51% | -0.081% |
| 223 | 14.646 | 14.603 | 14.700 | PV | -2308  | -143479 | -1.93% | -0.304% |
| 224 | 14.725 | 14.700 | 14.734 | PV | -2015  | -46888  | -0.63% | -0.099% |
| 225 | 14.758 | 14.734 | 14.776 | PV | -1352  | -41924  | -0.56% | -0.089% |
| 226 | 14.791 | 14.776 | 14.817 | PV | -1370  | -46718  | -0.63% | -0.099% |
| 227 | 14.837 | 14.817 | 14.908 | PV | -2080  | -129099 | -1.74% | -0.274% |
| 228 | 14.924 | 14.908 | 14.971 | PV | -2438  | -95632  | -1.29% | -0.203% |
| 229 | 14.986 | 14.971 | 15.024 | PH | -2365  | -79576  | -1.07% | -0.169% |
| 230 | 15.086 | 15.024 | 15.122 | PH | -2364  | -145415 | -1.96% | -0.309% |
| 231 | 15.129 | 15.122 | 15.134 | PH | -2481  | -19115  | -0.26% | -0.041% |
| 232 | 15.171 | 15.134 | 15.282 | PH | 19770  | 208429  | 2.80%  | 0.442%  |
| 233 | 15.311 | 15.282 | 15.347 | PH | -435   | -63799  | -0.86% | -0.135% |
| 234 | 15.377 | 15.347 | 15.482 | PH | -1197  | -176221 | -2.37% | -0.374% |
| 235 | 15.493 | 15.482 | 15.510 | PH | -2457  | -41089  | -0.55% | -0.087% |
| 236 | 15.550 | 15.510 | 15.618 | PH | -2331  | -157075 | -2.11% | -0.333% |
| 237 | 15.633 | 15.618 | 15.657 | PH | -2379  | -56877  | -0.76% | -0.121% |
| 238 | 15.694 | 15.657 | 15.761 | PH | -1879  | -137927 | -1.85% | -0.293% |
| 239 | 15.810 | 15.761 | 15.849 | PH | -417   | -99943  | -1.34% | -0.212% |
| 240 | 15.873 | 15.849 | 15.909 | PH | -2302  | -85982  | -1.16% | -0.182% |
| 241 | 15.947 | 15.909 | 15.968 | PH | -2287  | -85107  | -1.14% | -0.181% |
| 242 | 15.997 | 15.968 | 16.029 | PH | -2172  | -84810  | -1.14% | -0.180% |
| 243 | 16.040 | 16.029 | 16.054 | PH | -2314  | -35072  | -0.47% | -0.074% |
| 244 | 16.105 | 16.054 | 16.117 | PH | -2117  | -84443  | -1.14% | -0.179% |
| 245 | 16.151 | 16.117 | 16.161 | PH | -1836  | -54915  | -0.74% | -0.117% |
| 246 | 16.190 | 16.161 | 16.234 | PH | -283   | -54452  | -0.73% | -0.116% |

|     |        |        |        |    | rteres |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
| 247 | 16.292 | 16.234 | 16.341 | PH | 604    | -80551 | -1.08% | -0.171% |
| 248 | 16.369 | 16.341 | 16.388 | PH | -1529  | -48977 | -0.66% | -0.104% |
| 249 | 16.421 | 16.388 | 16.508 | PH | 3301   | -61272 | -0.82% | -0.130% |
| 250 | 16.518 | 16.508 | 16.548 | PH | -1896  | -46655 | -0.63% | -0.099% |
|     |        |        |        |    |        |        |        |         |
| 251 | 16.595 | 16.548 | 16.627 | PH | -1538  | -86137 | -1.16% | -0.183% |
| 252 | 16.659 | 16.627 | 16.706 | PH | -1333  | -77610 | -1.04% | -0.165% |
| 253 | 16.758 | 16.706 | 16.780 | PH | 817    | -44055 | -0.59% | -0.093% |
| 254 | 16.806 | 16.780 | 16.868 | PH | 4123   | -10400 | -0.14% | -0.022% |
| 255 | 16.885 | 16.868 | 16.919 | PH | -1787  | -56825 | -0.76% | -0.121% |
|     |        |        |        |    |        |        |        |         |
| 256 | 16.991 | 16.919 | 17.006 | PH | -1691  | -96286 | -1.29% | -0.204% |
| 257 | 17.046 | 17.006 | 17.067 | PH | -1604  | -61834 | -0.83% | -0.131% |
| 258 | 17.085 | 17.067 | 17.102 | PH | -1558  | -35046 | -0.47% | -0.074% |
| 259 | 17.134 | 17.102 | 17.178 | PH | -784   | -54719 | -0.74% | -0.116% |
| 260 | 17.207 | 17.178 | 17.259 | PH | 2020   | -21074 | -0.28% | -0.045% |
|     |        |        |        |    |        |        |        |         |
| 261 | 17.306 | 17.259 | 17.341 | PH | -1115  | -63473 | -0.85% | -0.135% |
| 262 | 17.377 | 17.341 | 17.388 | PH | -1107  | -34689 | -0.47% | -0.074% |
| 263 | 17.435 | 17.388 | 17.443 | PH | -957   | -34932 | -0.47% | -0.074% |
| 264 | 17.489 | 17.443 | 17.507 | PH | -754   | -33956 | -0.46% | -0.072% |
| 265 | 17.533 | 17.507 | 17.554 | PH | -554   | -20177 | -0.27% | -0.043% |
|     |        |        |        |    |        |        |        |         |
| 266 | 17.599 | 17.554 | 17.621 | PH | 712    | -3804  | -0.05% | -0.008% |
| 267 | 17.643 | 17.621 | 17.674 | PH | 2738   | 24882  | 0.33%  | 0.053%  |
| 268 | 17.686 | 17.674 | 17.705 | PH | -567   | -11552 | -0.16% | -0.025% |
| 269 | 17.730 | 17.705 | 17.757 | PH | 134    | -9136  | -0.12% | -0.019% |
| 270 | 17.767 | 17.757 | 17.796 | PH | -478   | -13780 | -0.19% | -0.029% |
|     |        |        |        |    |        |        |        |         |
| 271 | 17.810 | 17.796 | 17.829 | PH | -671   | -14669 | -0.20% | -0.031% |
| 272 | 17.862 | 17.829 | 17.887 | PH | -141   | -18843 | -0.25% | -0.040% |
| 273 | 17.958 | 17.887 | 17.968 | PH | 41     | -14550 | -0.20% | -0.031% |
| 274 | 18.003 | 17.968 | 18.044 | PH | 10991  | 219293 | 2.95%  | 0.465%  |
| 275 | 18.066 | 18.044 | 18.128 | HH | 4722   | 67121  | 0.90%  | 0.142%  |
|     |        |        |        |    |        |        |        |         |
| 276 | 18.155 | 18.128 | 18.244 | PH | -30    | -25224 | -0.34% | -0.054% |
| 277 | 18.274 | 18.244 | 18.308 | PH | -33    | -10398 | -0.14% | -0.022% |
| 278 | 18.330 | 18.308 | 18.352 | PH | -89    | -5563  | -0.07% | -0.012% |
| 279 | 18.362 | 18.352 | 18.398 | PH | -197   | -6694  | -0.09% | -0.014% |
| 280 | 18.472 | 18.398 | 18.543 | PH | 4075   | 85036  | 1.14%  | 0.180%  |
|     |        |        |        |    |        |        |        |         |
| 281 | 18.575 | 18.543 | 18.658 | HH | 940    | 29531  | 0.40%  | 0.063%  |
| 282 | 18.668 | 18.658 | 18.704 | HH | 109    | 1894   | 0.03%  | 0.004%  |
| 283 | 18.730 | 18.704 | 18.753 | HH | 478    | 8825   | 0.12%  | 0.019%  |
| 284 | 18.829 | 18.753 | 18.853 | HH | 7710   | 171925 | 2.31%  | 0.365%  |
| 285 | 18.870 | 18.853 | 18.914 | HH | 6107   | 126018 | 1.69%  | 0.267%  |
|     |        |        |        |    |        |        |        |         |
| 286 | 18.927 | 18.914 | 18.958 | HH | 1330   | 30894  | 0.42%  | 0.066%  |
| 287 | 18.961 | 18.958 | 19.013 | HH | 1148   | 31512  | 0.42%  | 0.067%  |
| 288 | 19.052 | 19.013 | 19.087 | HH | 1414   | 49222  | 0.66%  | 0.104%  |
| 289 | 19.114 | 19.087 | 19.135 | HH | 1021   | 27824  | 0.37%  | 0.059%  |
| 290 | 19.152 | 19.135 | 19.191 | HH | 1057   | 31540  | 0.42%  | 0.067%  |
|     |        |        |        |    |        |        |        |         |
| 291 | 19.257 | 19.191 | 19.288 | HH | 3744   | 98949  | 1.33%  | 0.210%  |
| 292 | 19.353 | 19.288 | 19.383 | HH | 2106   | 97484  | 1.31%  | 0.207%  |
| 293 | 19.413 | 19.383 | 19.446 | HH | 2214   | 68068  | 0.92%  | 0.144%  |
| 294 | 19.558 | 19.446 | 19.581 | HH | 2650   | 167166 | 2.25%  | 0.355%  |
| 295 | 19.630 | 19.581 | 19.667 | HH | 4438   | 174795 | 2.35%  | 0.371%  |
|     |        |        |        |    |        |        |        |         |
| 296 | 19.748 | 19.667 | 19.761 | HH | 4540   | 219436 | 2.95%  | 0.466%  |
| 297 | 19.873 | 19.761 | 19.971 | HH | 10356  | 913087 | 12.28% | 1.937%  |
| 298 | 19.998 | 19.971 | 20.018 | HH | 6085   | 148214 | 1.99%  | 0.314%  |
| 299 | 20.053 | 20.018 | 20.104 | HH | 6676   | 302715 | 4.07%  | 0.642%  |

|                         |        |        |        |    |          |        |       |        |
|-------------------------|--------|--------|--------|----|----------|--------|-------|--------|
|                         |        |        |        |    | rterres  |        |       |        |
| 300                     | 20.147 | 20.104 | 20.244 | HH | 6981     | 438190 | 5.89% | 0.930% |
| 301                     | 20.279 | 20.244 | 20.294 | HH | 4405     | 129937 | 1.75% | 0.276% |
| 302                     | 20.351 | 20.294 | 20.381 | HH | 5899     | 264472 | 3.56% | 0.561% |
| 303                     | 20.392 | 20.381 | 20.414 | HH | 5067     | 98250  | 1.32% | 0.208% |
| 304                     | 20.441 | 20.414 | 20.488 | HH | 5211     | 227509 | 3.06% | 0.483% |
| 305                     | 20.521 | 20.488 | 20.561 | HH | 5873     | 238096 | 3.20% | 0.505% |
| 306                     | 20.576 | 20.561 | 20.617 | HH | 5089     | 168659 | 2.27% | 0.358% |
| 307                     | 20.637 | 20.617 | 20.652 | HH | 5151     | 108139 | 1.45% | 0.229% |
| 308                     | 20.657 | 20.652 | 20.666 | HH | 5109     | 41217  | 0.55% | 0.087% |
| 309                     | 20.672 | 20.666 | 20.678 | HH | 5087     | 35750  | 0.48% | 0.076% |
| 310                     | 20.719 | 20.678 | 20.771 | HH | 5900     | 298423 | 4.01% | 0.633% |
| 311                     | 20.778 | 20.771 | 20.808 | HH | 4964     | 108683 | 1.46% | 0.231% |
| 312                     | 20.837 | 20.808 | 20.886 | HH | 5003     | 229980 | 3.09% | 0.488% |
| 313                     | 20.897 | 20.886 | 20.994 | HH | 4930     | 311799 | 4.19% | 0.661% |
| 314                     | 21.002 | 20.994 | 21.010 | HH | 4722     | 43146  | 0.58% | 0.092% |
| 315                     | 21.049 | 21.010 | 21.098 | HH | 5509     | 270552 | 3.64% | 0.574% |
| 316                     | 21.131 | 21.098 | 21.179 | HH | 5240     | 246578 | 3.32% | 0.523% |
| 317                     | 21.268 | 21.179 | 21.307 | HH | 5310     | 392268 | 5.27% | 0.832% |
| 318                     | 21.341 | 21.307 | 21.453 | HH | 5290     | 442757 | 5.95% | 0.939% |
| 319                     | 21.600 | 21.453 | 21.644 | HH | 6201     | 638749 | 8.59% | 1.355% |
| 320                     | 21.656 | 21.644 | 21.759 | HH | 5704     | 349073 | 4.69% | 0.741% |
| 321                     | 21.782 | 21.759 | 21.818 | HH | 4736     | 165350 | 2.22% | 0.351% |
| 322                     | 21.835 | 21.818 | 21.915 | HH | 4731     | 271508 | 3.65% | 0.576% |
| 323                     | 21.924 | 21.915 | 21.951 | HH | 4659     | 100629 | 1.35% | 0.213% |
| 324                     | 21.976 | 21.951 | 22.051 | HH | 4687     | 276320 | 3.72% | 0.586% |
| Sum of corrected areas: |        |        |        |    | 47135428 |        |       |        |

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