

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091724AL\  
Data File : FE050160.D  
Signal(s) : FID1B.ch  
Acq On : 17 Sep 2024 20:16  
Sample : P4014-02  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 091024.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         | 3.261       | 3.204        | 3.365      | BV       | 421            | 9738         | 0.10%          | 0.004%        |
| 2         | 3.378       | 3.365        | 3.388      | PV       | 168            | 1187         | 0.01%          | 0.000%        |
| 3         | 3.402       | 3.388        | 3.421      | VV       | 215            | 2210         | 0.02%          | 0.001%        |
| 4         | 3.440       | 3.421        | 3.532      | VV       | 135            | 5164         | 0.05%          | 0.002%        |
| 5         | 3.548       | 3.532        | 3.558      | PV       | 111            | 793          | 0.01%          | 0.000%        |
| 6         | 3.569       | 3.558        | 3.625      | VV       | 218            | 3038         | 0.03%          | 0.001%        |
| 7         | 3.638       | 3.625        | 3.688      | VV       | 43             | 1102         | 0.01%          | 0.000%        |
| 8         | 3.705       | 3.688        | 3.726      | VV       | 246            | 4076         | 0.04%          | 0.001%        |
| 9         | 3.743       | 3.726        | 3.820      | VV       | 480            | 10306        | 0.11%          | 0.004%        |
| 10        | 3.857       | 3.820        | 3.881      | PV       | 351            | 7859         | 0.08%          | 0.003%        |
| 11        | 3.891       | 3.881        | 3.918      | VV       | 504            | 4887         | 0.05%          | 0.002%        |
| 12        | 3.945       | 3.918        | 4.014      | VV       | 404            | 9028         | 0.09%          | 0.003%        |
| 13        | 4.051       | 4.014        | 4.067      | PV       | 291            | 4634         | 0.05%          | 0.002%        |
| 14        | 4.079       | 4.067        | 4.132      | VV       | 229            | 5300         | 0.05%          | 0.002%        |
| 15        | 4.155       | 4.132        | 4.175      | VV       | 273            | 4218         | 0.04%          | 0.002%        |
| 16        | 4.188       | 4.175        | 4.195      | PV       | 144            | 1243         | 0.01%          | 0.000%        |
| 17        | 4.240       | 4.195        | 4.268      | VV       | 715            | 15992        | 0.16%          | 0.006%        |
| 18        | 4.278       | 4.268        | 4.288      | VV       | 343            | 3838         | 0.04%          | 0.001%        |
| 19        | 4.290       | 4.288        | 4.362      | VV       | 387            | 10596        | 0.11%          | 0.004%        |
| 20        | 4.403       | 4.362        | 4.430      | VV       | 211            | 5367         | 0.06%          | 0.002%        |
| 21        | 4.450       | 4.430        | 4.489      | VV       | 140            | 4327         | 0.04%          | 0.002%        |
| 22        | 4.512       | 4.489        | 4.538      | VV       | 527            | 7479         | 0.08%          | 0.003%        |
| 23        | 4.553       | 4.538        | 4.565      | VV       | 295            | 2905         | 0.03%          | 0.001%        |
| 24        | 4.587       | 4.565        | 4.648      | VV       | 259            | 6150         | 0.06%          | 0.002%        |
| 25        | 4.686       | 4.648        | 4.704      | VV       | 268            | 4978         | 0.05%          | 0.002%        |
| 26        | 4.719       | 4.704        | 4.730      | VV       | 202            | 2725         | 0.03%          | 0.001%        |
| 27        | 4.753       | 4.730        | 4.777      | VV       | 427            | 8547         | 0.09%          | 0.003%        |
| 28        | 4.795       | 4.777        | 4.844      | VV       | 390            | 10350        | 0.11%          | 0.004%        |
| 29        | 4.851       | 4.844        | 4.864      | VV       | 215            | 2282         | 0.02%          | 0.001%        |
| 30        | 4.871       | 4.864        | 4.887      | VV       | 279            | 2376         | 0.02%          | 0.001%        |
| 31        | 4.949       | 4.887        | 4.996      | VV       | 572            | 15826        | 0.16%          | 0.006%        |
| 32        | 5.019       | 4.996        | 5.078      | VV       | 647            | 12110        | 0.12%          | 0.004%        |
| 33        | 5.095       | 5.078        | 5.114      | VV       | 288            | 4166         | 0.04%          | 0.002%        |
| 34        | 5.125       | 5.114        | 5.149      | VV       | 188            | 2631         | 0.03%          | 0.001%        |
| 35        | 5.172       | 5.149        | 5.181      | PV       | 244            | 2947         | 0.03%          | 0.001%        |
| 36        | 5.211       | 5.181        | 5.250      | VV       | 959            | 14507        | 0.15%          | 0.005%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 5.274 | 5.250 | 5.377 | VV | 496    | 18763 | 0.19% | 0.007% |
| 38 | 5.421 | 5.377 | 5.442 | VV | 392    | 8943  | 0.09% | 0.003% |
| 39 | 5.465 | 5.442 | 5.479 | VV | 358    | 5398  | 0.06% | 0.002% |
| 40 | 5.508 | 5.479 | 5.578 | VV | 395    | 14638 | 0.15% | 0.005% |
| 41 | 5.608 | 5.578 | 5.634 | VV | 192    | 3899  | 0.04% | 0.001% |
| 42 | 5.657 | 5.634 | 5.677 | PV | 793    | 12902 | 0.13% | 0.005% |
| 43 | 5.692 | 5.677 | 5.714 | VV | 766    | 9820  | 0.10% | 0.004% |
| 44 | 5.752 | 5.714 | 5.811 | VV | 402    | 14203 | 0.15% | 0.005% |
| 45 | 5.830 | 5.811 | 5.867 | VV | 774    | 11904 | 0.12% | 0.004% |
| 46 | 5.880 | 5.867 | 5.900 | VV | 235    | 2937  | 0.03% | 0.001% |
| 47 | 5.919 | 5.900 | 5.926 | VV | 285    | 3008  | 0.03% | 0.001% |
| 48 | 5.965 | 5.926 | 5.987 | VV | 483    | 13856 | 0.14% | 0.005% |
| 49 | 6.001 | 5.987 | 6.029 | VV | 355    | 7087  | 0.07% | 0.003% |
| 50 | 6.039 | 6.029 | 6.068 | VV | 262    | 4790  | 0.05% | 0.002% |
| 51 | 6.071 | 6.068 | 6.111 | VV | 202    | 2183  | 0.02% | 0.001% |
| 52 | 6.130 | 6.111 | 6.161 | PV | 216    | 3216  | 0.03% | 0.001% |
| 53 | 6.180 | 6.161 | 6.203 | VV | 300    | 4405  | 0.05% | 0.002% |
| 54 | 6.233 | 6.203 | 6.296 | VV | 947    | 23332 | 0.24% | 0.009% |
| 55 | 6.316 | 6.296 | 6.345 | VV | 315    | 5597  | 0.06% | 0.002% |
| 56 | 6.368 | 6.345 | 6.390 | VV | 363    | 6283  | 0.06% | 0.002% |
| 57 | 6.402 | 6.390 | 6.428 | VV | 311    | 5011  | 0.05% | 0.002% |
| 58 | 6.434 | 6.428 | 6.441 | VV | 193    | 1157  | 0.01% | 0.000% |
| 59 | 6.473 | 6.441 | 6.524 | VV | 294    | 8846  | 0.09% | 0.003% |
| 60 | 6.544 | 6.524 | 6.564 | VV | 214    | 3943  | 0.04% | 0.001% |
| 61 | 6.625 | 6.564 | 6.660 | VV | 308    | 13156 | 0.14% | 0.005% |
| 62 | 6.679 | 6.660 | 6.708 | VV | 454    | 7702  | 0.08% | 0.003% |
| 63 | 6.713 | 6.708 | 6.732 | VV | 183    | 1883  | 0.02% | 0.001% |
| 64 | 6.765 | 6.732 | 6.789 | VV | 295    | 6101  | 0.06% | 0.002% |
| 65 | 6.801 | 6.789 | 6.817 | VV | 194    | 2365  | 0.02% | 0.001% |
| 66 | 6.831 | 6.817 | 6.850 | VV | 421    | 5156  | 0.05% | 0.002% |
| 67 | 6.866 | 6.850 | 6.895 | VV | 407    | 6217  | 0.06% | 0.002% |
| 68 | 6.910 | 6.895 | 6.920 | VV | 85     | 683   | 0.01% | 0.000% |
| 69 | 6.938 | 6.920 | 6.954 | PV | 194    | 2088  | 0.02% | 0.001% |
| 70 | 6.964 | 6.954 | 6.982 | VV | 104    | 854   | 0.01% | 0.000% |
| 71 | 7.007 | 6.982 | 7.031 | PV | 182    | 3527  | 0.04% | 0.001% |
| 72 | 7.038 | 7.031 | 7.056 | VV | 188    | 1594  | 0.02% | 0.001% |
| 73 | 7.087 | 7.056 | 7.118 | VV | 273    | 5363  | 0.06% | 0.002% |
| 74 | 7.144 | 7.118 | 7.161 | VV | 247    | 3715  | 0.04% | 0.001% |
| 75 | 7.180 | 7.161 | 7.193 | VV | 266    | 3336  | 0.03% | 0.001% |
| 76 | 7.212 | 7.193 | 7.232 | VV | 400    | 7012  | 0.07% | 0.003% |
| 77 | 7.253 | 7.232 | 7.281 | VV | 463    | 7893  | 0.08% | 0.003% |
| 78 | 7.331 | 7.281 | 7.376 | VV | 689    | 22680 | 0.23% | 0.008% |
| 79 | 7.401 | 7.376 | 7.440 | VV | 751    | 15290 | 0.16% | 0.006% |
| 80 | 7.461 | 7.440 | 7.486 | VV | 806    | 14096 | 0.15% | 0.005% |
| 81 | 7.502 | 7.486 | 7.551 | VV | 460    | 14008 | 0.14% | 0.005% |
| 82 | 7.569 | 7.551 | 7.593 | VV | 378    | 7605  | 0.08% | 0.003% |
| 83 | 7.627 | 7.593 | 7.739 | VV | 769    | 27187 | 0.28% | 0.010% |
| 84 | 7.754 | 7.739 | 7.773 | VV | 214    | 2760  | 0.03% | 0.001% |
| 85 | 7.803 | 7.773 | 7.831 | VV | 439    | 6911  | 0.07% | 0.003% |
| 86 | 7.848 | 7.831 | 7.871 | VV | 148    | 2211  | 0.02% | 0.001% |
| 87 | 8.198 | 8.184 | 8.213 | VV | 1257   | 20657 | 0.21% | 0.008% |
| 88 | 8.236 | 8.213 | 8.288 | VV | 1539   | 50100 | 0.52% | 0.018% |
| 89 | 8.295 | 8.288 | 8.301 | VV | 854    | 6794  | 0.07% | 0.002% |

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|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.327  | 8.301  | 8.362  | VV | 1417   | 42621  | 0.44% | 0.016% |
| 91  | 8.374  | 8.362  | 8.395  | VV | 1049   | 18860  | 0.19% | 0.007% |
| 92  | 8.437  | 8.395  | 8.453  | VV | 1801   | 41753  | 0.43% | 0.015% |
| 93  | 8.465  | 8.453  | 8.481  | VV | 1262   | 19240  | 0.20% | 0.007% |
| 94  | 8.508  | 8.481  | 8.571  | VV | 2632   | 73900  | 0.76% | 0.027% |
| 95  | 8.587  | 8.571  | 8.597  | VV | 933    | 12750  | 0.13% | 0.005% |
| 96  | 8.625  | 8.597  | 8.654  | VV | 6055   | 100576 | 1.04% | 0.037% |
| 97  | 8.660  | 8.654  | 8.698  | VV | 2082   | 30877  | 0.32% | 0.011% |
| 98  | 8.713  | 8.698  | 8.741  | VV | 758    | 15597  | 0.16% | 0.006% |
| 99  | 8.755  | 8.741  | 8.790  | VV | 526    | 11655  | 0.12% | 0.004% |
| 100 | 8.960  | 8.949  | 9.013  | VV | 3741   | 112423 | 1.16% | 0.041% |
| 101 | 9.044  | 9.013  | 9.098  | VV | 2523   | 96969  | 1.00% | 0.036% |
| 102 | 9.105  | 9.098  | 9.140  | VV | 1357   | 31994  | 0.33% | 0.012% |
| 103 | 9.160  | 9.140  | 9.183  | VV | 1564   | 33745  | 0.35% | 0.012% |
| 104 | 9.196  | 9.183  | 9.216  | VV | 1319   | 23854  | 0.25% | 0.009% |
| 105 | 9.245  | 9.216  | 9.311  | VV | 2025   | 77328  | 0.80% | 0.028% |
| 106 | 9.333  | 9.311  | 9.357  | VV | 2504   | 42405  | 0.44% | 0.016% |
| 107 | 9.373  | 9.357  | 9.428  | VV | 1496   | 40234  | 0.41% | 0.015% |
| 108 | 9.444  | 9.428  | 9.464  | VV | 751    | 14571  | 0.15% | 0.005% |
| 109 | 9.486  | 9.464  | 9.506  | VV | 1540   | 24621  | 0.25% | 0.009% |
| 110 | 9.524  | 9.506  | 9.549  | VV | 1040   | 19783  | 0.20% | 0.007% |
| 111 | 9.577  | 9.549  | 9.604  | VV | 1441   | 28919  | 0.30% | 0.011% |
| 112 | 9.623  | 9.604  | 9.651  | VV | 988    | 20943  | 0.22% | 0.008% |
| 113 | 9.671  | 9.651  | 9.689  | VV | 1267   | 19336  | 0.20% | 0.007% |
| 114 | 9.723  | 9.689  | 9.761  | VV | 2187   | 53356  | 0.55% | 0.020% |
| 115 | 9.785  | 9.761  | 9.818  | VV | 1382   | 29161  | 0.30% | 0.011% |
| 116 | 9.859  | 9.818  | 9.877  | VV | 1315   | 26410  | 0.27% | 0.010% |
| 117 | 9.889  | 9.877  | 9.904  | VV | 853    | 11448  | 0.12% | 0.004% |
| 118 | 9.914  | 9.904  | 9.934  | VV | 600    | 8953   | 0.09% | 0.003% |
| 119 | 9.947  | 9.934  | 9.961  | VV | 645    | 8720   | 0.09% | 0.003% |
| 120 | 9.995  | 9.961  | 10.022 | VV | 5357   | 89834  | 0.92% | 0.033% |
| 121 | 10.030 | 10.022 | 10.091 | VV | 1915   | 52581  | 0.54% | 0.019% |
| 122 | 10.113 | 10.091 | 10.162 | VV | 2447   | 47758  | 0.49% | 0.017% |
| 123 | 10.173 | 10.162 | 10.204 | VV | 549    | 11912  | 0.12% | 0.004% |
| 124 | 10.221 | 10.204 | 10.258 | VV | 588    | 11104  | 0.11% | 0.004% |
| 125 | 10.287 | 10.258 | 10.319 | VV | 453    | 9713   | 0.10% | 0.004% |
| 126 | 10.334 | 10.319 | 10.361 | VV | 265    | 4208   | 0.04% | 0.002% |
| 127 | 10.380 | 10.361 | 10.396 | PV | 254    | 3612   | 0.04% | 0.001% |
| 128 | 10.457 | 10.396 | 10.480 | VV | 1453   | 25514  | 0.26% | 0.009% |
| 129 | 10.500 | 10.480 | 10.522 | VV | 1147   | 17432  | 0.18% | 0.006% |
| 130 | 10.557 | 10.522 | 10.572 | VV | 1114   | 18981  | 0.20% | 0.007% |
| 131 | 10.593 | 10.572 | 10.616 | VV | 1414   | 26280  | 0.27% | 0.010% |
| 132 | 10.640 | 10.616 | 10.666 | VV | 1425   | 23354  | 0.24% | 0.009% |
| 133 | 10.712 | 10.666 | 10.748 | VV | 1320   | 36976  | 0.38% | 0.014% |
| 134 | 10.771 | 10.748 | 10.818 | VV | 1184   | 37458  | 0.39% | 0.014% |
| 135 | 10.850 | 10.818 | 10.894 | VV | 2392   | 52544  | 0.54% | 0.019% |
| 136 | 10.922 | 10.894 | 10.970 | VV | 2542   | 53645  | 0.55% | 0.020% |
| 137 | 10.985 | 10.970 | 11.023 | VV | 704    | 13053  | 0.13% | 0.005% |
| 138 | 11.079 | 11.023 | 11.093 | VV | 588    | 15813  | 0.16% | 0.006% |
| 139 | 11.117 | 11.093 | 11.174 | VV | 10551  | 163991 | 1.69% | 0.060% |
| 140 | 11.196 | 11.174 | 11.347 | VV | 6325   | 152460 | 1.57% | 0.056% |
| 141 | 11.358 | 11.347 | 11.387 | VV | 325    | 4552   | 0.05% | 0.002% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.423 | 11.387 | 11.445 | PV | 1072   | 17934   | 0.18%  | 0.007% |
| 143 | 11.484 | 11.445 | 11.498 | VV | 1550   | 27849   | 0.29%  | 0.010% |
| 144 | 11.506 | 11.498 | 11.529 | VV | 1013   | 15568   | 0.16%  | 0.006% |
| 145 | 11.553 | 11.529 | 11.574 | VV | 2325   | 32760   | 0.34%  | 0.012% |
| 146 | 11.605 | 11.574 | 11.621 | VV | 919    | 17461   | 0.18%  | 0.006% |
| 147 | 11.643 | 11.621 | 11.690 | VV | 3515   | 53569   | 0.55%  | 0.020% |
| 148 | 11.712 | 11.690 | 11.729 | VV | 1080   | 13288   | 0.14%  | 0.005% |
| 149 | 11.772 | 11.729 | 11.811 | VV | 1479   | 36717   | 0.38%  | 0.013% |
| 150 | 11.874 | 11.811 | 11.902 | VV | 318730 | 3471165 | 35.72% | 1.272% |
| 151 | 11.917 | 11.902 | 11.935 | VV | 6783   | 91776   | 0.94%  | 0.034% |
| 152 | 11.951 | 11.935 | 11.990 | VV | 6850   | 101249  | 1.04%  | 0.037% |
| 153 | 12.028 | 11.990 | 12.048 | VV | 5415   | 97583   | 1.00%  | 0.036% |
| 154 | 12.066 | 12.048 | 12.081 | VV | 6215   | 78829   | 0.81%  | 0.029% |
| 155 | 12.097 | 12.081 | 12.140 | VV | 6621   | 97942   | 1.01%  | 0.036% |
| 156 | 12.163 | 12.140 | 12.183 | VV | 593    | 6937    | 0.07%  | 0.003% |
| 157 | 12.221 | 12.183 | 12.242 | PV | 2141   | 35794   | 0.37%  | 0.013% |
| 158 | 12.254 | 12.242 | 12.270 | VV | 604    | 5730    | 0.06%  | 0.002% |
| 159 | 12.315 | 12.270 | 12.365 | VV | 3002   | 52416   | 0.54%  | 0.019% |
| 160 | 12.416 | 12.365 | 12.433 | VV | 1457   | 32129   | 0.33%  | 0.012% |
| 161 | 12.475 | 12.433 | 12.511 | VV | 7949   | 131963  | 1.36%  | 0.048% |
| 162 | 12.529 | 12.511 | 12.548 | VV | 957    | 15473   | 0.16%  | 0.006% |
| 163 | 12.568 | 12.548 | 12.577 | VV | 1073   | 13109   | 0.13%  | 0.005% |
| 164 | 12.595 | 12.577 | 12.627 | VV | 1656   | 36187   | 0.37%  | 0.013% |
| 165 | 12.663 | 12.627 | 12.684 | VV | 1804   | 39967   | 0.41%  | 0.015% |
| 166 | 12.707 | 12.684 | 12.751 | VV | 3985   | 77953   | 0.80%  | 0.029% |
| 167 | 12.815 | 12.751 | 12.835 | PV | 11263  | 191503  | 1.97%  | 0.070% |
| 168 | 12.857 | 12.835 | 12.909 | VV | 6686   | 167395  | 1.72%  | 0.061% |
| 169 | 12.934 | 12.909 | 12.995 | VV | 21246  | 320084  | 3.29%  | 0.117% |
| 170 | 13.034 | 12.995 | 13.045 | PV | 900    | 12278   | 0.13%  | 0.004% |
| 171 | 13.079 | 13.045 | 13.105 | VV | 2533   | 56411   | 0.58%  | 0.021% |
| 172 | 13.123 | 13.105 | 13.142 | VV | 2620   | 36385   | 0.37%  | 0.013% |
| 173 | 13.182 | 13.142 | 13.205 | VV | 2024   | 52564   | 0.54%  | 0.019% |
| 174 | 13.231 | 13.205 | 13.274 | PV | 27365  | 371437  | 3.82%  | 0.136% |
| 175 | 13.308 | 13.274 | 13.381 | VV | 237293 | 2848737 | 29.32% | 1.044% |
| 176 | 13.408 | 13.381 | 13.431 | VV | 2056   | 41677   | 0.43%  | 0.015% |
| 177 | 13.442 | 13.431 | 13.454 | VV | 772    | 8141    | 0.08%  | 0.003% |
| 178 | 13.473 | 13.454 | 13.488 | VV | 2362   | 27760   | 0.29%  | 0.010% |
| 179 | 13.511 | 13.488 | 13.540 | VV | 3914   | 71115   | 0.73%  | 0.026% |
| 180 | 13.561 | 13.540 | 13.602 | VV | 5036   | 79694   | 0.82%  | 0.029% |
| 181 | 13.626 | 13.602 | 13.638 | VV | 2084   | 29342   | 0.30%  | 0.011% |
| 182 | 13.654 | 13.638 | 13.672 | VV | 2564   | 38665   | 0.40%  | 0.014% |
| 183 | 13.693 | 13.672 | 13.718 | VV | 3949   | 71244   | 0.73%  | 0.026% |
| 184 | 13.733 | 13.718 | 13.763 | VV | 2079   | 32751   | 0.34%  | 0.012% |
| 185 | 13.823 | 13.763 | 13.872 | VV | 6596   | 172077  | 1.77%  | 0.063% |
| 186 | 13.886 | 13.872 | 13.904 | VV | 1269   | 16721   | 0.17%  | 0.006% |
| 187 | 13.933 | 13.904 | 13.950 | VV | 2161   | 34969   | 0.36%  | 0.013% |
| 188 | 13.973 | 13.950 | 13.994 | VV | 6488   | 97984   | 1.01%  | 0.036% |
| 189 | 14.006 | 13.994 | 14.033 | VV | 2990   | 46550   | 0.48%  | 0.017% |
| 190 | 14.058 | 14.033 | 14.076 | VV | 5990   | 88187   | 0.91%  | 0.032% |
| 191 | 14.099 | 14.076 | 14.121 | VV | 8911   | 132748  | 1.37%  | 0.049% |
| 192 | 14.140 | 14.121 | 14.163 | VV | 5391   | 75390   | 0.78%  | 0.028% |
| 193 | 14.175 | 14.163 | 14.231 | VV | 1431   | 37055   | 0.38%  | 0.014% |
| 194 | 14.274 | 14.231 | 14.312 | PV | 1750   | 42291   | 0.44%  | 0.015% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 14.326 | 14.312 | 14.340 | VV | 802    | 9078    | 0.09%  | 0.003% |
| 196 | 14.368 | 14.340 | 14.391 | VV | 640    | 13671   | 0.14%  | 0.005% |
| 197 | 14.435 | 14.391 | 14.447 | PV | 1820   | 43667   | 0.45%  | 0.016% |
| 198 | 14.472 | 14.447 | 14.501 | VV | 2322   | 65376   | 0.67%  | 0.024% |
| 199 | 14.528 | 14.501 | 14.541 | VV | 3400   | 66629   | 0.69%  | 0.024% |
| 200 | 14.562 | 14.541 | 14.598 | VV | 4561   | 101451  | 1.04%  | 0.037% |
| 201 | 14.622 | 14.598 | 14.639 | VV | 4044   | 71816   | 0.74%  | 0.026% |
| 202 | 14.676 | 14.639 | 14.711 | VV | 4329   | 148556  | 1.53%  | 0.054% |
| 203 | 14.757 | 14.711 | 14.780 | VV | 5059   | 147261  | 1.52%  | 0.054% |
| 204 | 14.802 | 14.780 | 14.848 | VV | 6864   | 154317  | 1.59%  | 0.057% |
| 205 | 14.871 | 14.848 | 14.893 | VV | 3301   | 68415   | 0.70%  | 0.025% |
| 206 | 14.919 | 14.893 | 14.941 | VV | 4130   | 81236   | 0.84%  | 0.030% |
| 207 | 14.965 | 14.941 | 14.984 | VV | 3363   | 68555   | 0.71%  | 0.025% |
| 208 | 14.998 | 14.984 | 15.031 | VV | 2582   | 61859   | 0.64%  | 0.023% |
| 209 | 15.042 | 15.031 | 15.054 | VV | 1997   | 24577   | 0.25%  | 0.009% |
| 210 | 15.118 | 15.054 | 15.137 | VV | 14068  | 287297  | 2.96%  | 0.105% |
| 211 | 15.156 | 15.137 | 15.190 | VV | 13493  | 254339  | 2.62%  | 0.093% |
| 212 | 15.203 | 15.190 | 15.219 | VV | 4337   | 66775   | 0.69%  | 0.024% |
| 213 | 15.266 | 15.219 | 15.273 | VV | 4932   | 128009  | 1.32%  | 0.047% |
| 214 | 15.289 | 15.273 | 15.348 | VV | 4957   | 197562  | 2.03%  | 0.072% |
| 215 | 15.354 | 15.348 | 15.378 | VV | 3672   | 52408   | 0.54%  | 0.019% |
| 216 | 15.425 | 15.378 | 15.445 | VV | 4832   | 139316  | 1.43%  | 0.051% |
| 217 | 15.465 | 15.445 | 15.490 | VV | 4469   | 110307  | 1.14%  | 0.040% |
| 218 | 15.501 | 15.490 | 15.511 | VV | 3938   | 46883   | 0.48%  | 0.017% |
| 219 | 15.548 | 15.511 | 15.614 | VV | 13169  | 481864  | 4.96%  | 0.177% |
| 220 | 15.624 | 15.614 | 15.644 | VV | 5125   | 76752   | 0.79%  | 0.028% |
| 221 | 15.679 | 15.644 | 15.719 | VV | 7071   | 244773  | 2.52%  | 0.090% |
| 222 | 15.750 | 15.719 | 15.766 | VV | 7400   | 169377  | 1.74%  | 0.062% |
| 223 | 15.789 | 15.766 | 15.808 | VV | 11957  | 226108  | 2.33%  | 0.083% |
| 224 | 15.822 | 15.808 | 15.853 | VV | 8407   | 195071  | 2.01%  | 0.071% |
| 225 | 15.866 | 15.853 | 15.874 | VV | 5782   | 71140   | 0.73%  | 0.026% |
| 226 | 15.898 | 15.874 | 15.911 | VV | 8285   | 154444  | 1.59%  | 0.057% |
| 227 | 15.943 | 15.911 | 16.000 | VV | 9960   | 454009  | 4.67%  | 0.166% |
| 228 | 16.016 | 16.000 | 16.046 | VV | 8165   | 208981  | 2.15%  | 0.077% |
| 229 | 16.070 | 16.046 | 16.084 | VV | 8780   | 186656  | 1.92%  | 0.068% |
| 230 | 16.141 | 16.084 | 16.162 | VV | 9736   | 415357  | 4.27%  | 0.152% |
| 231 | 16.181 | 16.162 | 16.197 | VV | 11061  | 216467  | 2.23%  | 0.079% |
| 232 | 16.244 | 16.197 | 16.270 | VV | 10729  | 440133  | 4.53%  | 0.161% |
| 233 | 16.285 | 16.270 | 16.298 | VV | 9953   | 161826  | 1.67%  | 0.059% |
| 234 | 16.306 | 16.298 | 16.338 | VV | 9949   | 228913  | 2.36%  | 0.084% |
| 235 | 16.387 | 16.338 | 16.408 | VV | 13726  | 491822  | 5.06%  | 0.180% |
| 236 | 16.481 | 16.408 | 16.505 | VV | 16003  | 764247  | 7.87%  | 0.280% |
| 237 | 16.582 | 16.505 | 16.611 | VV | 16794  | 924571  | 9.52%  | 0.339% |
| 238 | 16.676 | 16.611 | 16.728 | VV | 27129  | 1308487 | 13.47% | 0.479% |
| 239 | 16.758 | 16.728 | 16.778 | VV | 18953  | 557611  | 5.74%  | 0.204% |
| 240 | 16.810 | 16.778 | 16.838 | VV | 23193  | 767756  | 7.90%  | 0.281% |
| 241 | 16.867 | 16.838 | 16.906 | VV | 21864  | 824785  | 8.49%  | 0.302% |
| 242 | 16.917 | 16.906 | 16.930 | VV | 20307  | 280395  | 2.89%  | 0.103% |
| 243 | 16.957 | 16.930 | 16.972 | VV | 23474  | 553980  | 5.70%  | 0.203% |
| 244 | 17.003 | 16.972 | 17.039 | VV | 29110  | 968126  | 9.96%  | 0.355% |
| 245 | 17.067 | 17.039 | 17.088 | VV | 27288  | 724786  | 7.46%  | 0.266% |
| 246 | 17.152 | 17.088 | 17.199 | VV | 32793  | 1915222 | 19.71% | 0.702% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 17.209 | 17.199 | 17.248 | VV | 28369  | 784338  | 8.07%  | 0.287% |
| 248 | 17.334 | 17.248 | 17.347 | VV | 31157  | 1701466 | 17.51% | 0.623% |
| 249 | 17.368 | 17.347 | 17.404 | VV | 32996  | 1075558 | 11.07% | 0.394% |
| 250 | 17.449 | 17.404 | 17.480 | VV | 34800  | 1476298 | 15.19% | 0.541% |
|     |        |        |        |    |        |         |        |        |
| 251 | 17.520 | 17.480 | 17.529 | VV | 37193  | 1037617 | 10.68% | 0.380% |
| 252 | 17.545 | 17.529 | 17.564 | VV | 38542  | 782537  | 8.05%  | 0.287% |
| 253 | 17.580 | 17.564 | 17.629 | VV | 39539  | 1466576 | 15.09% | 0.537% |
| 254 | 17.649 | 17.629 | 17.665 | VV | 40414  | 815123  | 8.39%  | 0.299% |
| 255 | 17.691 | 17.665 | 17.729 | VV | 40605  | 1439462 | 14.81% | 0.527% |
|     |        |        |        |    |        |         |        |        |
| 256 | 17.756 | 17.729 | 17.769 | VV | 40234  | 943889  | 9.71%  | 0.346% |
| 257 | 17.778 | 17.769 | 17.830 | VV | 38935  | 1351558 | 13.91% | 0.495% |
| 258 | 17.850 | 17.830 | 17.888 | VV | 40146  | 1336065 | 13.75% | 0.490% |
| 259 | 17.917 | 17.888 | 17.942 | VV | 45805  | 1385353 | 14.26% | 0.508% |
| 260 | 18.015 | 17.942 | 18.045 | VV | 57459  | 2941965 | 30.28% | 1.078% |
|     |        |        |        |    |        |         |        |        |
| 261 | 18.059 | 18.045 | 18.086 | VV | 44921  | 1070383 | 11.02% | 0.392% |
| 262 | 18.107 | 18.086 | 18.122 | VV | 47421  | 955051  | 9.83%  | 0.350% |
| 263 | 18.159 | 18.122 | 18.174 | VV | 62917  | 1660214 | 17.09% | 0.608% |
| 264 | 18.184 | 18.174 | 18.239 | VV | 54726  | 1927989 | 19.84% | 0.706% |
| 265 | 18.252 | 18.239 | 18.284 | VV | 48469  | 1278811 | 13.16% | 0.469% |
|     |        |        |        |    |        |         |        |        |
| 266 | 18.339 | 18.284 | 18.351 | VV | 54128  | 2017526 | 20.76% | 0.739% |
| 267 | 18.381 | 18.351 | 18.391 | VV | 55723  | 1299182 | 13.37% | 0.476% |
| 268 | 18.398 | 18.391 | 18.420 | VV | 55098  | 953621  | 9.81%  | 0.349% |
| 269 | 18.440 | 18.420 | 18.460 | VV | 59059  | 1310079 | 13.48% | 0.480% |
| 270 | 18.529 | 18.460 | 18.551 | VV | 68008  | 3199567 | 32.93% | 1.172% |
|     |        |        |        |    |        |         |        |        |
| 271 | 18.560 | 18.551 | 18.577 | VV | 57093  | 850297  | 8.75%  | 0.312% |
| 272 | 18.603 | 18.577 | 18.628 | VV | 56735  | 1688287 | 17.38% | 0.619% |
| 273 | 18.649 | 18.628 | 18.664 | VV | 57749  | 1236681 | 12.73% | 0.453% |
| 274 | 18.696 | 18.664 | 18.707 | VV | 61481  | 1501411 | 15.45% | 0.550% |
| 275 | 18.717 | 18.707 | 18.754 | VV | 61004  | 1704664 | 17.54% | 0.625% |
|     |        |        |        |    |        |         |        |        |
| 276 | 18.764 | 18.754 | 18.773 | VV | 58899  | 634043  | 6.53%  | 0.232% |
| 277 | 18.848 | 18.773 | 18.881 | VV | 67113  | 3987751 | 41.04% | 1.461% |
| 278 | 18.950 | 18.881 | 18.973 | VV | 79531  | 3597594 | 37.02% | 1.318% |
| 279 | 19.001 | 18.973 | 19.038 | VV | 75203  | 2687611 | 27.66% | 0.985% |
| 280 | 19.044 | 19.038 | 19.065 | VV | 67910  | 1104037 | 11.36% | 0.405% |
|     |        |        |        |    |        |         |        |        |
| 281 | 19.099 | 19.065 | 19.109 | VV | 69033  | 1753241 | 18.04% | 0.642% |
| 282 | 19.129 | 19.109 | 19.153 | VV | 71597  | 1823128 | 18.76% | 0.668% |
| 283 | 19.166 | 19.153 | 19.180 | VV | 69902  | 1114753 | 11.47% | 0.408% |
| 284 | 19.210 | 19.180 | 19.230 | VV | 74578  | 2186866 | 22.51% | 0.801% |
| 285 | 19.248 | 19.230 | 19.260 | VV | 76034  | 1322674 | 13.61% | 0.485% |
|     |        |        |        |    |        |         |        |        |
| 286 | 19.284 | 19.260 | 19.321 | VV | 81203  | 2799986 | 28.82% | 1.026% |
| 287 | 19.348 | 19.321 | 19.362 | VV | 82198  | 1919931 | 19.76% | 0.703% |
| 288 | 19.401 | 19.362 | 19.431 | VV | 77577  | 3110023 | 32.01% | 1.139% |
| 289 | 19.443 | 19.431 | 19.457 | VV | 76522  | 1180221 | 12.15% | 0.432% |
| 290 | 19.471 | 19.457 | 19.486 | VV | 77818  | 1347213 | 13.86% | 0.494% |
|     |        |        |        |    |        |         |        |        |
| 291 | 19.532 | 19.486 | 19.542 | VV | 80145  | 2592582 | 26.68% | 0.950% |
| 292 | 19.561 | 19.542 | 19.573 | VV | 80709  | 1498042 | 15.42% | 0.549% |
| 293 | 19.663 | 19.573 | 19.728 | VV | 90486  | 7876034 | 81.06% | 2.886% |
| 294 | 19.751 | 19.728 | 19.791 | VV | 92041  | 3332999 | 34.30% | 1.221% |
| 295 | 19.826 | 19.791 | 19.841 | VV | 90841  | 2659950 | 27.38% | 0.975% |
|     |        |        |        |    |        |         |        |        |
| 296 | 19.890 | 19.841 | 19.900 | VV | 95226  | 3267096 | 33.62% | 1.197% |
| 297 | 19.935 | 19.900 | 19.953 | VV | 96531  | 2996953 | 30.84% | 1.098% |
| 298 | 19.981 | 19.953 | 20.030 | VV | 101886 | 4569267 | 47.02% | 1.674% |
| 299 | 20.055 | 20.030 | 20.080 | VV | 102725 | 2991300 | 30.79% | 1.096% |

| rteres |        |        |        |     |        |         |         |        |
|--------|--------|--------|--------|-----|--------|---------|---------|--------|
| 300    | 20.092 | 20.080 | 20.107 | VV  | 100189 | 1658567 | 17.07%  | 0.608% |
| 301    | 20.165 | 20.107 | 20.184 | VV  | 108257 | 4804133 | 49.44%  | 1.760% |
| 302    | 20.196 | 20.184 | 20.220 | VV  | 105007 | 2204973 | 22.69%  | 0.808% |
| 303    | 20.278 | 20.220 | 20.304 | VV  | 112058 | 5518759 | 56.80%  | 2.022% |
| 304    | 20.375 | 20.304 | 20.388 | VV  | 119657 | 5631004 | 57.95%  | 2.063% |
| 305    | 20.412 | 20.388 | 20.420 | VV  | 117818 | 2229377 | 22.94%  | 0.817% |
| 306    | 20.439 | 20.420 | 20.465 | VV  | 122521 | 3230095 | 33.24%  | 1.183% |
| 307    | 20.474 | 20.465 | 20.490 | VV  | 116516 | 1730718 | 17.81%  | 0.634% |
| 308    | 20.558 | 20.490 | 20.567 | VV  | 122799 | 5480217 | 56.40%  | 2.008% |
| 309    | 20.582 | 20.567 | 20.605 | VV  | 125514 | 2858978 | 29.42%  | 1.047% |
| 310    | 20.643 | 20.605 | 20.696 | VV  | 127122 | 6795896 | 69.94%  | 2.490% |
| 311    | 20.733 | 20.696 | 20.748 | VV  | 128721 | 3943565 | 40.59%  | 1.445% |
| 312    | 20.764 | 20.748 | 20.801 | VV  | 125935 | 3908564 | 40.23%  | 1.432% |
| 313    | 20.853 | 20.801 | 20.884 | VV  | 127691 | 6308857 | 64.93%  | 2.311% |
| 314    | 20.920 | 20.884 | 21.018 | VV  | 125700 | 9716705 | 100.00% | 3.560% |
| 315    | 21.052 | 21.018 | 21.065 | VV  | 118510 | 3307774 | 34.04%  | 1.212% |
| 316    | 21.101 | 21.065 | 21.119 | VV  | 123471 | 3874270 | 39.87%  | 1.419% |
| 317    | 21.130 | 21.119 | 21.174 | VV  | 121146 | 3864210 | 39.77%  | 1.416% |
| 318    | 21.183 | 21.174 | 21.221 | VV  | 115885 | 3182643 | 32.75%  | 1.166% |
| 319    | 21.257 | 21.221 | 21.314 | VV  | 112957 | 6226706 | 64.08%  | 2.281% |
| 320    | 21.328 | 21.314 | 21.341 | VV  | 108106 | 1676291 | 17.25%  | 0.614% |
| 321    | 21.363 | 21.341 | 21.390 | VV  | 109243 | 3175871 | 32.68%  | 1.164% |
| 322    | 21.408 | 21.390 | 21.438 | VV  | 109363 | 3111171 | 32.02%  | 1.140% |
| 323    | 21.451 | 21.438 | 21.478 | VV  | 107781 | 2562582 | 26.37%  | 0.939% |
| 324    | 21.489 | 21.478 | 21.497 | VV  | 103572 | 1125233 | 11.58%  | 0.412% |
| 325    | 21.517 | 21.497 | 21.551 | VV  | 105193 | 3341724 | 34.39%  | 1.224% |
| 326    | 21.558 | 21.551 | 21.577 | VV  | 100368 | 1540390 | 15.85%  | 0.564% |
| 327    | 21.590 | 21.577 | 21.695 | VV  | 99962  | 6787174 | 69.85%  | 2.487% |
| 328    | 21.729 | 21.695 | 21.744 | VV  | 94927  | 2761204 | 28.42%  | 1.012% |
| 329    | 21.755 | 21.744 | 21.791 | VV  | 95077  | 2639701 | 27.17%  | 0.967% |
| 330    | 21.804 | 21.791 | 21.890 | VV  | 93464  | 5346360 | 55.02%  | 1.959% |
| 331    | 21.903 | 21.890 | 21.942 | VV  | 86501  | 2639173 | 27.16%  | 0.967% |
| 332    | 21.987 | 21.942 | 22.038 | VV  | 86058  | 4798130 | 49.38%  | 1.758% |
| 333    | 22.058 | 22.038 | 22.148 | VV  | 82606  | 5353681 | 55.10%  | 1.962% |
| 334    | 22.156 | 22.148 | 22.184 | VV  | 80782  | 1754528 | 18.06%  | 0.643% |
| 335    | 22.187 | 22.184 | 22.301 | VBA | 79638  | 5432727 | 55.91%  | 1.990% |

Sum of corrected areas: 272938055

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