

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE091424AL\  
Data File : FE050102.D  
Signal(s) : FID1B.ch  
Acq On : 13 Sep 2024 23:06  
Sample : P3979-02  
Misc :  
ALS Vial : 23 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         | 3.212       | 3.171        | 3.235      | BV       | 89             | 925          | 0.01%          | 0.000%        |
| 2         | 3.260       | 3.235        | 3.359      | PV       | 347            | 8215         | 0.05%          | 0.002%        |
| 3         | 3.372       | 3.359        | 3.390      | PV       | 147            | 1304         | 0.01%          | 0.000%        |
| 4         | 3.403       | 3.390        | 3.555      | VV       | 252            | 7688         | 0.05%          | 0.002%        |
| 5         | 3.574       | 3.555        | 3.634      | PV       | 242            | 5474         | 0.04%          | 0.001%        |
| 6         | 3.652       | 3.634        | 3.679      | VV       | 149            | 2089         | 0.01%          | 0.000%        |
| 7         | 3.705       | 3.679        | 3.722      | PV       | 451            | 5892         | 0.04%          | 0.001%        |
| 8         | 3.742       | 3.722        | 3.767      | VV       | 628            | 8832         | 0.06%          | 0.002%        |
| 9         | 3.788       | 3.767        | 3.823      | VV       | 331            | 6237         | 0.04%          | 0.001%        |
| 10        | 3.860       | 3.823        | 3.881      | VV       | 443            | 8143         | 0.05%          | 0.002%        |
| 11        | 3.892       | 3.881        | 3.927      | VV       | 435            | 5010         | 0.03%          | 0.001%        |
| 12        | 3.944       | 3.927        | 4.005      | VV       | 395            | 9760         | 0.07%          | 0.002%        |
| 13        | 4.053       | 4.005        | 4.075      | PV       | 314            | 6567         | 0.04%          | 0.001%        |
| 14        | 4.084       | 4.075        | 4.102      | VV       | 296            | 3561         | 0.02%          | 0.001%        |
| 15        | 4.160       | 4.102        | 4.179      | VV       | 464            | 10925        | 0.07%          | 0.002%        |
| 16        | 4.188       | 4.179        | 4.201      | VV       | 189            | 1955         | 0.01%          | 0.000%        |
| 17        | 4.237       | 4.201        | 4.266      | VV       | 604            | 16463        | 0.11%          | 0.003%        |
| 18        | 4.284       | 4.266        | 4.307      | VV       | 573            | 10636        | 0.07%          | 0.002%        |
| 19        | 4.320       | 4.307        | 4.362      | VV       | 478            | 7201         | 0.05%          | 0.001%        |
| 20        | 4.401       | 4.362        | 4.433      | VV       | 258            | 5998         | 0.04%          | 0.001%        |
| 21        | 4.450       | 4.433        | 4.491      | VV       | 182            | 4528         | 0.03%          | 0.001%        |
| 22        | 4.513       | 4.491        | 4.537      | VV       | 680            | 8747         | 0.06%          | 0.002%        |
| 23        | 4.548       | 4.537        | 4.615      | VV       | 220            | 5923         | 0.04%          | 0.001%        |
| 24        | 4.633       | 4.615        | 4.650      | VV       | 151            | 1916         | 0.01%          | 0.000%        |
| 25        | 4.683       | 4.650        | 4.706      | PV       | 325            | 5743         | 0.04%          | 0.001%        |
| 26        | 4.718       | 4.706        | 4.731      | VV       | 188            | 2675         | 0.02%          | 0.001%        |
| 27        | 4.751       | 4.731        | 4.777      | VV       | 829            | 14295        | 0.10%          | 0.003%        |
| 28        | 4.795       | 4.777        | 4.838      | VV       | 745            | 13937        | 0.09%          | 0.003%        |
| 29        | 4.851       | 4.838        | 4.898      | VV       | 295            | 7082         | 0.05%          | 0.001%        |
| 30        | 4.911       | 4.898        | 4.941      | VV       | 213            | 4777         | 0.03%          | 0.001%        |
| 31        | 4.952       | 4.941        | 4.997      | VV       | 403            | 9020         | 0.06%          | 0.002%        |
| 32        | 5.020       | 4.997        | 5.064      | VV       | 609            | 10317        | 0.07%          | 0.002%        |
| 33        | 5.092       | 5.064        | 5.115      | VV       | 220            | 3427         | 0.02%          | 0.001%        |
| 34        | 5.124       | 5.115        | 5.145      | VV       | 164            | 1357         | 0.01%          | 0.000%        |
| 35        | 5.191       | 5.145        | 5.204      | VV       | 378            | 5718         | 0.04%          | 0.001%        |
| 36        | 5.218       | 5.204        | 5.251      | VV       | 438            | 6335         | 0.04%          | 0.001%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.268 | 5.251 | 5.278 | VV | 405    | 4413  | 0.03% | 0.001% |
| 38 | 5.290 | 5.278 | 5.317 | VV | 460    | 7236  | 0.05% | 0.001% |
| 39 | 5.332 | 5.317 | 5.368 | VV | 377    | 6221  | 0.04% | 0.001% |
| 40 | 5.397 | 5.368 | 5.409 | PV | 206    | 2807  | 0.02% | 0.001% |
| 41 | 5.426 | 5.409 | 5.443 | VV | 310    | 4606  | 0.03% | 0.001% |
| 42 | 5.463 | 5.443 | 5.479 | VV | 483    | 7876  | 0.05% | 0.002% |
| 43 | 5.490 | 5.479 | 5.501 | VV | 461    | 5010  | 0.03% | 0.001% |
| 44 | 5.526 | 5.501 | 5.541 | VV | 549    | 9640  | 0.06% | 0.002% |
| 45 | 5.550 | 5.541 | 5.571 | VV | 242    | 3757  | 0.03% | 0.001% |
| 46 | 5.587 | 5.571 | 5.603 | VV | 284    | 3818  | 0.03% | 0.001% |
| 47 | 5.617 | 5.603 | 5.630 | VV | 151    | 1773  | 0.01% | 0.000% |
| 48 | 5.658 | 5.630 | 5.680 | PV | 1481   | 22266 | 0.15% | 0.005% |
| 49 | 5.694 | 5.680 | 5.707 | VV | 485    | 5534  | 0.04% | 0.001% |
| 50 | 5.736 | 5.707 | 5.806 | VV | 710    | 23667 | 0.16% | 0.005% |
| 51 | 5.830 | 5.806 | 5.871 | VV | 1213   | 18943 | 0.13% | 0.004% |
| 52 | 5.914 | 5.871 | 5.927 | VV | 462    | 7713  | 0.05% | 0.002% |
| 53 | 5.951 | 5.927 | 6.001 | VV | 606    | 18365 | 0.12% | 0.004% |
| 54 | 6.011 | 6.001 | 6.023 | VV | 313    | 2943  | 0.02% | 0.001% |
| 55 | 6.044 | 6.023 | 6.094 | VV | 442    | 10663 | 0.07% | 0.002% |
| 56 | 6.105 | 6.094 | 6.114 | VV | 163    | 1220  | 0.01% | 0.000% |
| 57 | 6.128 | 6.114 | 6.144 | VV | 362    | 3772  | 0.03% | 0.001% |
| 58 | 6.179 | 6.144 | 6.199 | VV | 448    | 8457  | 0.06% | 0.002% |
| 59 | 6.231 | 6.199 | 6.255 | VV | 1728   | 26521 | 0.18% | 0.005% |
| 60 | 6.272 | 6.255 | 6.296 | VV | 885    | 14694 | 0.10% | 0.003% |
| 61 | 6.322 | 6.296 | 6.344 | VV | 482    | 6811  | 0.05% | 0.001% |
| 62 | 6.392 | 6.344 | 6.434 | PV | 928    | 26958 | 0.18% | 0.006% |
| 63 | 6.455 | 6.434 | 6.482 | VV | 470    | 8784  | 0.06% | 0.002% |
| 64 | 6.501 | 6.482 | 6.531 | VV | 731    | 9845  | 0.07% | 0.002% |
| 65 | 6.572 | 6.531 | 6.583 | VV | 602    | 12455 | 0.08% | 0.003% |
| 66 | 6.600 | 6.583 | 6.625 | VV | 744    | 15303 | 0.10% | 0.003% |
| 67 | 6.644 | 6.625 | 6.665 | VV | 703    | 11906 | 0.08% | 0.002% |
| 68 | 6.680 | 6.665 | 6.747 | VV | 1067   | 23682 | 0.16% | 0.005% |
| 69 | 6.769 | 6.747 | 6.788 | PV | 630    | 8583  | 0.06% | 0.002% |
| 70 | 6.828 | 6.788 | 6.859 | VV | 3373   | 73979 | 0.49% | 0.015% |
| 71 | 6.868 | 6.859 | 6.898 | VV | 1280   | 20940 | 0.14% | 0.004% |
| 72 | 6.941 | 6.898 | 6.956 | VV | 1124   | 24559 | 0.16% | 0.005% |
| 73 | 6.963 | 6.956 | 6.982 | VV | 736    | 7836  | 0.05% | 0.002% |
| 74 | 7.009 | 6.982 | 7.056 | VV | 845    | 21202 | 0.14% | 0.004% |
| 75 | 7.086 | 7.056 | 7.117 | PV | 1621   | 25909 | 0.17% | 0.005% |
| 76 | 7.137 | 7.117 | 7.160 | VV | 716    | 13306 | 0.09% | 0.003% |
| 77 | 7.210 | 7.160 | 7.231 | VV | 1484   | 40635 | 0.27% | 0.008% |
| 78 | 7.252 | 7.231 | 7.280 | VV | 1620   | 24155 | 0.16% | 0.005% |
| 79 | 7.325 | 7.280 | 7.376 | VV | 2016   | 56506 | 0.38% | 0.012% |
| 80 | 7.399 | 7.376 | 7.435 | VV | 2785   | 46180 | 0.31% | 0.010% |
| 81 | 7.459 | 7.435 | 7.484 | VV | 2912   | 44339 | 0.30% | 0.009% |
| 82 | 7.499 | 7.484 | 7.518 | VV | 1463   | 20046 | 0.13% | 0.004% |
| 83 | 7.530 | 7.518 | 7.555 | VV | 725    | 10380 | 0.07% | 0.002% |
| 84 | 7.606 | 7.555 | 7.614 | VV | 2299   | 37142 | 0.25% | 0.008% |
| 85 | 7.627 | 7.614 | 7.650 | VV | 3395   | 41018 | 0.27% | 0.008% |
| 86 | 7.674 | 7.650 | 7.700 | VV | 945    | 20858 | 0.14% | 0.004% |
| 87 | 7.712 | 7.700 | 7.735 | VV | 740    | 9851  | 0.07% | 0.002% |
| 88 | 7.753 | 7.735 | 7.766 | VV | 448    | 6081  | 0.04% | 0.001% |
| 89 | 7.802 | 7.766 | 7.838 | VV | 2697   | 48540 | 0.32% | 0.010% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.856  | 7.838  | 7.878  | VV | 759    | 7909   | 0.05% | 0.002% |
| 91  | 8.059  | 8.035  | 8.078  | VV | 4006   | 77020  | 0.51% | 0.016% |
| 92  | 8.098  | 8.078  | 8.124  | VV | 2742   | 62853  | 0.42% | 0.013% |
| 93  | 8.150  | 8.124  | 8.175  | VV | 1915   | 45495  | 0.30% | 0.009% |
| 94  | 8.199  | 8.175  | 8.215  | VV | 2357   | 37911  | 0.25% | 0.008% |
| 95  | 8.237  | 8.215  | 8.251  | VV | 3452   | 53699  | 0.36% | 0.011% |
| 96  | 8.260  | 8.251  | 8.280  | VV | 2492   | 29383  | 0.20% | 0.006% |
| 97  | 8.326  | 8.280  | 8.365  | VV | 5499   | 114583 | 0.77% | 0.024% |
| 98  | 8.375  | 8.365  | 8.395  | VV | 1701   | 23302  | 0.16% | 0.005% |
| 99  | 8.435  | 8.395  | 8.451  | VV | 6309   | 102517 | 0.69% | 0.021% |
| 100 | 8.468  | 8.451  | 8.490  | VV | 4416   | 85665  | 0.57% | 0.018% |
| 101 | 8.507  | 8.490  | 8.535  | VV | 5736   | 95020  | 0.63% | 0.020% |
| 102 | 8.549  | 8.535  | 8.568  | VV | 1935   | 30864  | 0.21% | 0.006% |
| 103 | 8.623  | 8.568  | 8.641  | VV | 5943   | 147439 | 0.99% | 0.031% |
| 104 | 8.660  | 8.641  | 8.683  | VV | 4114   | 82726  | 0.55% | 0.017% |
| 105 | 8.696  | 8.683  | 8.703  | VV | 2436   | 24773  | 0.17% | 0.005% |
| 106 | 8.728  | 8.703  | 8.773  | VV | 3224   | 79090  | 0.53% | 0.016% |
| 107 | 8.917  | 8.896  | 8.947  | VV | 16307  | 272229 | 1.82% | 0.056% |
| 108 | 8.963  | 8.947  | 8.981  | VV | 5592   | 97463  | 0.65% | 0.020% |
| 109 | 8.995  | 8.981  | 9.013  | VV | 4456   | 75773  | 0.51% | 0.016% |
| 110 | 9.045  | 9.013  | 9.073  | VV | 7750   | 161308 | 1.08% | 0.033% |
| 111 | 9.099  | 9.073  | 9.139  | VV | 2994   | 95392  | 0.64% | 0.020% |
| 112 | 9.160  | 9.139  | 9.177  | VV | 4798   | 73861  | 0.49% | 0.015% |
| 113 | 9.197  | 9.177  | 9.220  | VV | 9703   | 145050 | 0.97% | 0.030% |
| 114 | 9.232  | 9.220  | 9.243  | VV | 3553   | 43849  | 0.29% | 0.009% |
| 115 | 9.264  | 9.243  | 9.311  | VV | 3898   | 118675 | 0.79% | 0.025% |
| 116 | 9.332  | 9.311  | 9.353  | VV | 8955   | 126881 | 0.85% | 0.026% |
| 117 | 9.371  | 9.353  | 9.406  | VV | 7225   | 139692 | 0.93% | 0.029% |
| 118 | 9.415  | 9.406  | 9.444  | VV | 2629   | 41112  | 0.27% | 0.009% |
| 119 | 9.485  | 9.444  | 9.504  | VV | 4458   | 80141  | 0.54% | 0.017% |
| 120 | 9.531  | 9.504  | 9.548  | VV | 3249   | 58072  | 0.39% | 0.012% |
| 121 | 9.566  | 9.548  | 9.594  | VV | 3192   | 61463  | 0.41% | 0.013% |
| 122 | 9.621  | 9.594  | 9.650  | VV | 4859   | 93139  | 0.62% | 0.019% |
| 123 | 9.668  | 9.650  | 9.682  | VV | 3171   | 41011  | 0.27% | 0.008% |
| 124 | 9.708  | 9.682  | 9.762  | VV | 19451  | 333152 | 2.23% | 0.069% |
| 125 | 9.786  | 9.762  | 9.814  | VV | 6771   | 130354 | 0.87% | 0.027% |
| 126 | 9.858  | 9.814  | 9.878  | VV | 6481   | 164580 | 1.10% | 0.034% |
| 127 | 9.890  | 9.878  | 9.904  | VV | 4427   | 58385  | 0.39% | 0.012% |
| 128 | 9.917  | 9.904  | 9.934  | VV | 3573   | 52708  | 0.35% | 0.011% |
| 129 | 9.944  | 9.934  | 9.961  | VV | 2777   | 36101  | 0.24% | 0.007% |
| 130 | 9.992  | 9.961  | 10.011 | VV | 7737   | 121967 | 0.81% | 0.025% |
| 131 | 10.030 | 10.011 | 10.048 | VV | 8010   | 117557 | 0.79% | 0.024% |
| 132 | 10.065 | 10.048 | 10.094 | VV | 5245   | 114120 | 0.76% | 0.024% |
| 133 | 10.114 | 10.094 | 10.165 | VV | 11442  | 254453 | 1.70% | 0.053% |
| 134 | 10.194 | 10.165 | 10.257 | VV | 3196   | 108901 | 0.73% | 0.023% |
| 135 | 10.289 | 10.257 | 10.332 | PV | 2740   | 60058  | 0.40% | 0.012% |
| 136 | 10.349 | 10.332 | 10.368 | VV | 1164   | 19208  | 0.13% | 0.004% |
| 137 | 10.387 | 10.368 | 10.404 | VV | 1654   | 23590  | 0.16% | 0.005% |
| 138 | 10.456 | 10.404 | 10.476 | VV | 6271   | 110930 | 0.74% | 0.023% |
| 139 | 10.500 | 10.476 | 10.528 | VV | 10978  | 179168 | 1.20% | 0.037% |
| 140 | 10.559 | 10.528 | 10.573 | VV | 4879   | 93921  | 0.63% | 0.019% |
| 141 | 10.591 | 10.573 | 10.614 | VV | 7213   | 117718 | 0.79% | 0.024% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.640 | 10.614 | 10.672 | VV | 5998   | 123160  | 0.82%  | 0.026% |
| 143 | 10.707 | 10.672 | 10.740 | VV | 4554   | 100096  | 0.67%  | 0.021% |
| 144 | 10.774 | 10.740 | 10.817 | VV | 15704  | 305656  | 2.04%  | 0.063% |
| 145 | 10.851 | 10.817 | 10.891 | VV | 12351  | 263338  | 1.76%  | 0.055% |
| 146 | 10.920 | 10.891 | 10.954 | VV | 23093  | 415649  | 2.78%  | 0.086% |
| 147 | 10.968 | 10.954 | 10.999 | VV | 3186   | 72194   | 0.48%  | 0.015% |
| 148 | 11.012 | 10.999 | 11.029 | VV | 2936   | 34487   | 0.23%  | 0.007% |
| 149 | 11.046 | 11.029 | 11.055 | VV | 2218   | 26609   | 0.18%  | 0.006% |
| 150 | 11.113 | 11.055 | 11.165 | VV | 214339 | 2597797 | 17.36% | 0.538% |
| 151 | 11.189 | 11.165 | 11.220 | VV | 53488  | 721300  | 4.82%  | 0.149% |
| 152 | 11.239 | 11.220 | 11.289 | VV | 7227   | 193464  | 1.29%  | 0.040% |
| 153 | 11.303 | 11.289 | 11.315 | VV | 2851   | 35650   | 0.24%  | 0.007% |
| 154 | 11.324 | 11.315 | 11.342 | VV | 2172   | 28340   | 0.19%  | 0.006% |
| 155 | 11.377 | 11.342 | 11.394 | VV | 2889   | 65641   | 0.44%  | 0.014% |
| 156 | 11.418 | 11.394 | 11.448 | VV | 10946  | 169079  | 1.13%  | 0.035% |
| 157 | 11.508 | 11.448 | 11.527 | VV | 3306   | 129751  | 0.87%  | 0.027% |
| 158 | 11.553 | 11.527 | 11.571 | VV | 10794  | 146814  | 0.98%  | 0.030% |
| 159 | 11.602 | 11.571 | 11.615 | VV | 2938   | 65673   | 0.44%  | 0.014% |
| 160 | 11.643 | 11.615 | 11.681 | VV | 21664  | 328086  | 2.19%  | 0.068% |
| 161 | 11.710 | 11.681 | 11.729 | VV | 3707   | 57684   | 0.39%  | 0.012% |
| 162 | 11.767 | 11.729 | 11.788 | VV | 3950   | 80203   | 0.54%  | 0.017% |
| 163 | 11.816 | 11.788 | 11.830 | VV | 2926   | 51709   | 0.35%  | 0.011% |
| 164 | 11.874 | 11.830 | 11.899 | VV | 382856 | 4165325 | 27.83% | 0.863% |
| 165 | 11.915 | 11.899 | 11.931 | VV | 25676  | 298128  | 1.99%  | 0.062% |
| 166 | 11.947 | 11.931 | 11.979 | VV | 29241  | 393950  | 2.63%  | 0.082% |
| 167 | 11.988 | 11.979 | 11.998 | VV | 2436   | 25052   | 0.17%  | 0.005% |
| 168 | 12.029 | 11.998 | 12.049 | VV | 30308  | 461836  | 3.09%  | 0.096% |
| 169 | 12.064 | 12.049 | 12.079 | VV | 17002  | 207202  | 1.38%  | 0.043% |
| 170 | 12.096 | 12.079 | 12.137 | VV | 20991  | 288497  | 1.93%  | 0.060% |
| 171 | 12.159 | 12.137 | 12.178 | VV | 2044   | 30978   | 0.21%  | 0.006% |
| 172 | 12.221 | 12.178 | 12.264 | VV | 8588   | 219273  | 1.47%  | 0.045% |
| 173 | 12.293 | 12.264 | 12.364 | VV | 15005  | 329990  | 2.21%  | 0.068% |
| 174 | 12.387 | 12.364 | 12.432 | VV | 12377  | 202497  | 1.35%  | 0.042% |
| 175 | 12.478 | 12.432 | 12.513 | VV | 35904  | 477737  | 3.19%  | 0.099% |
| 176 | 12.529 | 12.513 | 12.550 | VV | 4283   | 60148   | 0.40%  | 0.012% |
| 177 | 12.566 | 12.550 | 12.573 | VV | 1831   | 20772   | 0.14%  | 0.004% |
| 178 | 12.592 | 12.573 | 12.621 | VV | 3843   | 75476   | 0.50%  | 0.016% |
| 179 | 12.637 | 12.621 | 12.676 | VV | 4721   | 109751  | 0.73%  | 0.023% |
| 180 | 12.706 | 12.676 | 12.748 | VV | 7579   | 154621  | 1.03%  | 0.032% |
| 181 | 12.782 | 12.748 | 12.797 | PV | 14128  | 184891  | 1.24%  | 0.038% |
| 182 | 12.815 | 12.797 | 12.836 | VV | 19374  | 268254  | 1.79%  | 0.056% |
| 183 | 12.860 | 12.836 | 12.908 | VV | 13455  | 336109  | 2.25%  | 0.070% |
| 184 | 12.933 | 12.908 | 12.995 | VV | 273524 | 3283027 | 21.94% | 0.680% |
| 185 | 13.008 | 12.995 | 13.046 | VV | 4251   | 83722   | 0.56%  | 0.017% |
| 186 | 13.085 | 13.046 | 13.099 | VV | 5270   | 104673  | 0.70%  | 0.022% |
| 187 | 13.119 | 13.099 | 13.139 | VV | 12319  | 166143  | 1.11%  | 0.034% |
| 188 | 13.160 | 13.139 | 13.205 | VV | 6408   | 153838  | 1.03%  | 0.032% |
| 189 | 13.231 | 13.205 | 13.267 | PV | 218803 | 2555757 | 17.08% | 0.529% |
| 190 | 13.310 | 13.267 | 13.384 | VV | 291558 | 4044287 | 27.02% | 0.838% |
| 191 | 13.407 | 13.384 | 13.425 | VV | 9181   | 129668  | 0.87%  | 0.027% |
| 192 | 13.441 | 13.425 | 13.459 | VV | 6236   | 90502   | 0.60%  | 0.019% |
| 193 | 13.475 | 13.459 | 13.484 | VV | 4862   | 54136   | 0.36%  | 0.011% |
| 194 | 13.505 | 13.484 | 13.530 | VV | 14802  | 241920  | 1.62%  | 0.050% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.550 | 13.530 | 13.607 | VV | 12878  | 285765  | 1.91%  | 0.059% |
| 196 | 13.632 | 13.607 | 13.667 | VV | 7261   | 140704  | 0.94%  | 0.029% |
| 197 | 13.693 | 13.667 | 13.758 | VV | 16899  | 341371  | 2.28%  | 0.071% |
| 198 | 13.822 | 13.758 | 13.867 | VV | 28737  | 560096  | 3.74%  | 0.116% |
| 199 | 13.885 | 13.867 | 13.904 | VV | 4876   | 58337   | 0.39%  | 0.012% |
| 200 | 13.931 | 13.904 | 13.951 | PV | 14452  | 224994  | 1.50%  | 0.047% |
| 201 | 13.970 | 13.951 | 13.991 | VV | 20697  | 296998  | 1.98%  | 0.062% |
| 202 | 14.005 | 13.991 | 14.033 | VV | 10107  | 146447  | 0.98%  | 0.030% |
| 203 | 14.061 | 14.033 | 14.071 | VV | 11837  | 163487  | 1.09%  | 0.034% |
| 204 | 14.097 | 14.071 | 14.120 | VV | 21318  | 361307  | 2.41%  | 0.075% |
| 205 | 14.139 | 14.120 | 14.164 | VV | 15748  | 210262  | 1.40%  | 0.044% |
| 206 | 14.178 | 14.164 | 14.211 | VV | 4665   | 99838   | 0.67%  | 0.021% |
| 207 | 14.222 | 14.211 | 14.238 | VV | 3169   | 37645   | 0.25%  | 0.008% |
| 208 | 14.269 | 14.238 | 14.281 | VV | 2862   | 52085   | 0.35%  | 0.011% |
| 209 | 14.292 | 14.281 | 14.313 | VV | 3395   | 41538   | 0.28%  | 0.009% |
| 210 | 14.329 | 14.313 | 14.348 | VV | 1802   | 26137   | 0.17%  | 0.005% |
| 211 | 14.356 | 14.348 | 14.387 | VV | 1552   | 24954   | 0.17%  | 0.005% |
| 212 | 14.425 | 14.387 | 14.447 | PV | 3021   | 68519   | 0.46%  | 0.014% |
| 213 | 14.468 | 14.447 | 14.488 | VV | 4107   | 69346   | 0.46%  | 0.014% |
| 214 | 14.569 | 14.488 | 14.603 | VV | 24009  | 557247  | 3.72%  | 0.115% |
| 215 | 14.622 | 14.603 | 14.644 | VV | 6922   | 137245  | 0.92%  | 0.028% |
| 216 | 14.666 | 14.644 | 14.711 | VV | 7748   | 237458  | 1.59%  | 0.049% |
| 217 | 14.738 | 14.711 | 14.773 | VV | 24781  | 437172  | 2.92%  | 0.091% |
| 218 | 14.799 | 14.773 | 14.825 | VV | 31098  | 534526  | 3.57%  | 0.111% |
| 219 | 14.849 | 14.825 | 14.857 | VV | 11968  | 183614  | 1.23%  | 0.038% |
| 220 | 14.878 | 14.857 | 14.903 | VV | 21187  | 369677  | 2.47%  | 0.077% |
| 221 | 14.916 | 14.903 | 14.935 | VV | 8765   | 133338  | 0.89%  | 0.028% |
| 222 | 14.991 | 14.935 | 15.050 | VV | 9042   | 399246  | 2.67%  | 0.083% |
| 223 | 15.112 | 15.050 | 15.133 | VV | 118517 | 1794961 | 11.99% | 0.372% |
| 224 | 15.153 | 15.133 | 15.232 | VV | 110129 | 1889504 | 12.63% | 0.391% |
| 225 | 15.272 | 15.232 | 15.337 | VV | 27301  | 931747  | 6.23%  | 0.193% |
| 226 | 15.349 | 15.337 | 15.389 | VV | 9834   | 263371  | 1.76%  | 0.055% |
| 227 | 15.428 | 15.389 | 15.443 | VV | 13746  | 327919  | 2.19%  | 0.068% |
| 228 | 15.460 | 15.443 | 15.525 | VV | 15816  | 521159  | 3.48%  | 0.108% |
| 229 | 15.551 | 15.525 | 15.641 | VV | 21733  | 933504  | 6.24%  | 0.193% |
| 230 | 15.677 | 15.641 | 15.689 | VV | 13633  | 312193  | 2.09%  | 0.065% |
| 231 | 15.693 | 15.689 | 15.716 | VV | 12453  | 180795  | 1.21%  | 0.037% |
| 232 | 15.746 | 15.716 | 15.764 | VV | 17616  | 394130  | 2.63%  | 0.082% |
| 233 | 15.786 | 15.764 | 15.806 | VV | 37015  | 616857  | 4.12%  | 0.128% |
| 234 | 15.823 | 15.806 | 15.860 | VV | 23443  | 553907  | 3.70%  | 0.115% |
| 235 | 15.899 | 15.860 | 15.908 | VV | 16546  | 433871  | 2.90%  | 0.090% |
| 236 | 15.933 | 15.908 | 15.983 | VV | 28148  | 964402  | 6.44%  | 0.200% |
| 237 | 15.990 | 15.983 | 15.998 | VV | 16228  | 145801  | 0.97%  | 0.030% |
| 238 | 16.018 | 15.998 | 16.051 | VV | 20398  | 548292  | 3.66%  | 0.114% |
| 239 | 16.072 | 16.051 | 16.086 | VV | 18017  | 343009  | 2.29%  | 0.071% |
| 240 | 16.111 | 16.086 | 16.132 | VV | 19749  | 504847  | 3.37%  | 0.105% |
| 241 | 16.141 | 16.132 | 16.158 | VV | 17559  | 258123  | 1.72%  | 0.053% |
| 242 | 16.205 | 16.158 | 16.219 | VV | 23161  | 771304  | 5.15%  | 0.160% |
| 243 | 16.227 | 16.219 | 16.308 | VV | 22206  | 1052184 | 7.03%  | 0.218% |
| 244 | 16.329 | 16.308 | 16.341 | VV | 19701  | 371822  | 2.48%  | 0.077% |
| 245 | 16.383 | 16.341 | 16.410 | VV | 29045  | 1009722 | 6.75%  | 0.209% |
| 246 | 16.428 | 16.410 | 16.445 | VV | 28272  | 516145  | 3.45%  | 0.107% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 16.474 | 16.445 | 16.515 | VV | 32692  | 1179265  | 7.88%  | 0.244% |
| 248    | 16.587 | 16.515 | 16.612 | VV | 33990  | 1722263  | 11.51% | 0.357% |
| 249    | 16.633 | 16.612 | 16.645 | VV | 32945  | 600371   | 4.01%  | 0.124% |
| 250    | 16.677 | 16.645 | 16.775 | VV | 145819 | 4873930  | 32.57% | 1.009% |
| 251    | 16.808 | 16.775 | 16.858 | VV | 61559  | 2289903  | 15.30% | 0.474% |
| 252    | 16.871 | 16.858 | 16.902 | VV | 44575  | 1093695  | 7.31%  | 0.227% |
| 253    | 16.961 | 16.902 | 16.971 | VV | 52201  | 1830170  | 12.23% | 0.379% |
| 254    | 16.999 | 16.971 | 17.034 | VV | 106109 | 2602782  | 17.39% | 0.539% |
| 255    | 17.059 | 17.034 | 17.101 | VV | 112383 | 2824951  | 18.88% | 0.585% |
| 256    | 17.157 | 17.101 | 17.223 | VV | 80142  | 4317740  | 28.85% | 0.894% |
| 257    | 17.234 | 17.223 | 17.248 | VV | 53373  | 771203   | 5.15%  | 0.160% |
| 258    | 17.253 | 17.248 | 17.263 | VV | 52142  | 462028   | 3.09%  | 0.096% |
| 259    | 17.305 | 17.263 | 17.336 | VV | 60194  | 2487362  | 16.62% | 0.515% |
| 260    | 17.369 | 17.336 | 17.388 | VV | 63527  | 1847483  | 12.34% | 0.383% |
| 261    | 17.449 | 17.388 | 17.488 | VV | 72564  | 3846082  | 25.70% | 0.797% |
| 262    | 17.547 | 17.488 | 17.578 | VV | 77022  | 3667048  | 24.50% | 0.760% |
| 263    | 17.587 | 17.578 | 17.634 | VV | 71694  | 2325413  | 15.54% | 0.482% |
| 264    | 17.651 | 17.634 | 17.669 | VV | 72844  | 1441798  | 9.63%  | 0.299% |
| 265    | 17.693 | 17.669 | 17.731 | VV | 78666  | 2739745  | 18.31% | 0.567% |
| 266    | 17.758 | 17.731 | 17.802 | VV | 77418  | 3067475  | 20.50% | 0.635% |
| 267    | 17.853 | 17.802 | 17.889 | VV | 74459  | 3674563  | 24.55% | 0.761% |
| 268    | 17.921 | 17.889 | 17.935 | VV | 80185  | 2072633  | 13.85% | 0.429% |
| 269    | 17.957 | 17.935 | 17.971 | VV | 82793  | 1745657  | 11.66% | 0.362% |
| 270    | 18.018 | 17.971 | 18.048 | VV | 93845  | 4026203  | 26.90% | 0.834% |
| 271    | 18.062 | 18.048 | 18.091 | VV | 85647  | 2111745  | 14.11% | 0.437% |
| 272    | 18.163 | 18.091 | 18.248 | VV | 129747 | 8883439  | 59.36% | 1.840% |
| 273    | 18.345 | 18.248 | 18.370 | VV | 108763 | 6884518  | 46.00% | 1.426% |
| 274    | 18.380 | 18.370 | 18.417 | VV | 107701 | 2888126  | 19.30% | 0.598% |
| 275    | 18.442 | 18.417 | 18.465 | VV | 130578 | 3215948  | 21.49% | 0.666% |
| 276    | 18.481 | 18.465 | 18.491 | VV | 108295 | 1698877  | 11.35% | 0.352% |
| 277    | 18.529 | 18.491 | 18.552 | VV | 142188 | 4343890  | 29.03% | 0.900% |
| 278    | 18.565 | 18.552 | 18.586 | VV | 112619 | 2226634  | 14.88% | 0.461% |
| 279    | 18.608 | 18.586 | 18.630 | VV | 110246 | 2791456  | 18.65% | 0.578% |
| 280    | 18.653 | 18.630 | 18.671 | VV | 110153 | 2670473  | 17.84% | 0.553% |
| 281    | 18.695 | 18.671 | 18.752 | VV | 136898 | 5678870  | 37.95% | 1.176% |
| 282    | 18.763 | 18.752 | 18.782 | VV | 111203 | 1998389  | 13.35% | 0.414% |
| 283    | 18.850 | 18.782 | 18.892 | VV | 124320 | 7509695  | 50.18% | 1.555% |
| 284    | 18.953 | 18.892 | 18.976 | VV | 146624 | 6052588  | 40.44% | 1.254% |
| 285    | 19.002 | 18.976 | 19.023 | VV | 140938 | 3606216  | 24.10% | 0.747% |
| 286    | 19.034 | 19.023 | 19.046 | VV | 125911 | 1721642  | 11.50% | 0.357% |
| 287    | 19.053 | 19.046 | 19.071 | VV | 122920 | 1805756  | 12.07% | 0.374% |
| 288    | 19.099 | 19.071 | 19.107 | VV | 123759 | 2638080  | 17.63% | 0.546% |
| 289    | 19.129 | 19.107 | 19.150 | VV | 132698 | 3200992  | 21.39% | 0.663% |
| 290    | 19.169 | 19.150 | 19.185 | VV | 134173 | 2664532  | 17.80% | 0.552% |
| 291    | 19.218 | 19.185 | 19.235 | VV | 136793 | 3946322  | 26.37% | 0.817% |
| 292    | 19.284 | 19.235 | 19.325 | VV | 146703 | 7281340  | 48.65% | 1.508% |
| 293    | 19.355 | 19.325 | 19.381 | VV | 145713 | 4724567  | 31.57% | 0.979% |
| 294    | 19.392 | 19.381 | 19.405 | VV | 134771 | 1839301  | 12.29% | 0.381% |
| 295    | 19.439 | 19.405 | 19.448 | VV | 135631 | 3458272  | 23.11% | 0.716% |
| 296    | 19.467 | 19.448 | 19.481 | VV | 138044 | 2670425  | 17.84% | 0.553% |
| 297    | 19.519 | 19.481 | 19.540 | VV | 137966 | 4802085  | 32.09% | 0.995% |
| 298    | 19.563 | 19.540 | 19.574 | VV | 140854 | 2811894  | 18.79% | 0.582% |
| 299    | 19.664 | 19.574 | 19.698 | VV | 163186 | 11032402 | 73.72% | 2.285% |

|     |        |        |        |     |        |          |         |        |
|-----|--------|--------|--------|-----|--------|----------|---------|--------|
|     |        |        |        |     | rteres |          |         |        |
| 300 | 19.712 | 19.698 | 19.724 | VV  | 148766 | 2291746  | 15.31%  | 0.475% |
| 301 | 19.756 | 19.724 | 19.795 | VV  | 159097 | 6384472  | 42.66%  | 1.322% |
| 302 | 19.835 | 19.795 | 19.843 | VV  | 159205 | 4414333  | 29.50%  | 0.914% |
| 303 | 19.868 | 19.843 | 19.901 | VV  | 168513 | 5701688  | 38.10%  | 1.181% |
| 304 | 19.933 | 19.901 | 19.965 | VV  | 171356 | 6270489  | 41.90%  | 1.299% |
| 305 | 19.989 | 19.965 | 20.038 | VV  | 176948 | 7545856  | 50.42%  | 1.563% |
| 306 | 20.057 | 20.038 | 20.092 | VV  | 180901 | 5611542  | 37.50%  | 1.162% |
| 307 | 20.168 | 20.092 | 20.191 | VV  | 185806 | 10389998 | 69.43%  | 2.152% |
| 308 | 20.252 | 20.191 | 20.262 | VV  | 184730 | 7662129  | 51.20%  | 1.587% |
| 309 | 20.285 | 20.262 | 20.311 | VV  | 197627 | 5584774  | 37.32%  | 1.157% |
| 310 | 20.321 | 20.311 | 20.331 | VV  | 188659 | 2220987  | 14.84%  | 0.460% |
| 311 | 20.384 | 20.331 | 20.398 | VV  | 199298 | 7602733  | 50.80%  | 1.575% |
| 312 | 20.410 | 20.398 | 20.425 | VV  | 194780 | 3189428  | 21.31%  | 0.661% |
| 313 | 20.445 | 20.425 | 20.475 | VV  | 205351 | 5823004  | 38.91%  | 1.206% |
| 314 | 20.524 | 20.475 | 20.535 | VV  | 199255 | 7006847  | 46.82%  | 1.451% |
| 315 | 20.552 | 20.535 | 20.561 | VV  | 200841 | 3101744  | 20.73%  | 0.642% |
| 316 | 20.588 | 20.561 | 20.604 | VV  | 208630 | 5190135  | 34.68%  | 1.075% |
| 317 | 20.619 | 20.604 | 20.628 | VV  | 201730 | 2870995  | 19.18%  | 0.595% |
| 318 | 20.641 | 20.628 | 20.671 | VV  | 203794 | 5253397  | 35.10%  | 1.088% |
| 319 | 20.681 | 20.671 | 20.708 | VV  | 203255 | 4388391  | 29.32%  | 0.909% |
| 320 | 20.729 | 20.708 | 20.758 | VV  | 211247 | 6074417  | 40.59%  | 1.258% |
| 321 | 20.781 | 20.758 | 20.801 | VV  | 200421 | 5090052  | 34.01%  | 1.054% |
| 322 | 20.836 | 20.801 | 20.908 | VV  | 206601 | 12914831 | 86.30%  | 2.675% |
| 323 | 20.916 | 20.908 | 20.941 | VV  | 199683 | 3804370  | 25.42%  | 0.788% |
| 324 | 20.963 | 20.941 | 21.056 | VV  | 196488 | 12810583 | 85.60%  | 2.653% |
| 325 | 21.107 | 21.056 | 21.135 | VV  | 192238 | 8738429  | 58.39%  | 1.810% |
| 326 | 21.142 | 21.135 | 21.216 | VV  | 181410 | 8514453  | 56.89%  | 1.764% |
| 327 | 21.226 | 21.216 | 21.267 | VV  | 172210 | 5197668  | 34.73%  | 1.077% |
| 328 | 21.276 | 21.267 | 21.333 | VV  | 168672 | 6529163  | 43.63%  | 1.352% |
| 329 | 21.421 | 21.333 | 21.488 | VV  | 166238 | 14965513 | 100.00% | 3.100% |
| 330 | 21.522 | 21.488 | 21.558 | VV  | 156332 | 6373374  | 42.59%  | 1.320% |
| 331 | 21.565 | 21.558 | 21.575 | VV  | 147058 | 1483709  | 9.91%   | 0.307% |
| 332 | 21.584 | 21.575 | 21.601 | VV  | 147794 | 2278409  | 15.22%  | 0.472% |
| 333 | 21.630 | 21.601 | 21.656 | VV  | 145116 | 4670030  | 31.21%  | 0.967% |
| 334 | 21.738 | 21.656 | 21.791 | VV  | 139525 | 11109371 | 74.23%  | 2.301% |
| 335 | 21.800 | 21.791 | 21.844 | VV  | 135962 | 4207601  | 28.12%  | 0.871% |
| 336 | 21.858 | 21.844 | 21.869 | VV  | 127275 | 1888837  | 12.62%  | 0.391% |
| 337 | 21.874 | 21.869 | 21.885 | VV  | 125940 | 1146568  | 7.66%   | 0.237% |
| 338 | 21.897 | 21.885 | 21.936 | VV  | 121822 | 3688922  | 24.65%  | 0.764% |
| 339 | 21.972 | 21.936 | 21.981 | VV  | 121135 | 3236052  | 21.62%  | 0.670% |
| 340 | 21.998 | 21.981 | 22.058 | VV  | 124761 | 5540578  | 37.02%  | 1.148% |
| 341 | 22.071 | 22.058 | 22.111 | VV  | 119223 | 3703734  | 24.75%  | 0.767% |
| 342 | 22.122 | 22.111 | 22.131 | VV  | 115273 | 1368352  | 9.14%   | 0.283% |
| 343 | 22.155 | 22.131 | 22.191 | VV  | 113648 | 4015476  | 26.83%  | 0.832% |
| 344 | 22.212 | 22.191 | 22.265 | VV  | 110121 | 4703084  | 31.43%  | 0.974% |
| 345 | 22.275 | 22.265 | 22.301 | VBA | 101881 | 2409926  | 16.10%  | 0.499% |

Sum of corrected areas: 482806496

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