

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052721AL\  
 Data File : FD037621.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 May 2021 12:45  
 Sample : M2521-02DL 5X  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 051321.M  
 Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.257       | 3.205        | 3.291      | BV       | 1989           | 22518        | 0.37%          | 0.009%        |
| 2         | 3.298       | 3.291        | 3.341      | VV       | 223            | 2759         | 0.05%          | 0.001%        |
| 3         | 3.380       | 3.341        | 3.389      | PV       | 340            | 4680         | 0.08%          | 0.002%        |
| 4         | 3.400       | 3.389        | 3.421      | VV       | 335            | 3569         | 0.06%          | 0.001%        |
| 5         | 3.455       | 3.421        | 3.500      | PV       | 465            | 10942        | 0.18%          | 0.005%        |
| 6         | 3.520       | 3.500        | 3.551      | VV       | 1076           | 15911        | 0.26%          | 0.007%        |
| 7         | 3.582       | 3.551        | 3.609      | VV       | 494            | 9689         | 0.16%          | 0.004%        |
| 8         | 3.628       | 3.609        | 3.688      | VV       | 1405           | 27540        | 0.45%          | 0.011%        |
| 9         | 3.698       | 3.688        | 3.729      | VV       | 794            | 10848        | 0.18%          | 0.004%        |
| 10        | 3.747       | 3.729        | 3.781      | VV       | 1313           | 17388        | 0.28%          | 0.007%        |
| 11        | 3.792       | 3.781        | 3.810      | VV       | 835            | 6767         | 0.11%          | 0.003%        |
| 12        | 3.832       | 3.810        | 3.886      | VV       | 2010           | 36349        | 0.59%          | 0.015%        |
| 13        | 3.921       | 3.886        | 3.935      | PV       | 2557           | 29908        | 0.49%          | 0.012%        |
| 14        | 3.948       | 3.935        | 3.967      | VV       | 2176           | 21747        | 0.36%          | 0.009%        |
| 15        | 3.981       | 3.967        | 3.994      | VV       | 1041           | 10864        | 0.18%          | 0.004%        |
| 16        | 4.015       | 3.994        | 4.065      | VV       | 2505           | 29770        | 0.49%          | 0.012%        |
| 17        | 4.083       | 4.065        | 4.111      | VV       | 4016           | 49585        | 0.81%          | 0.021%        |
| 18        | 4.124       | 4.111        | 4.149      | VV       | 1501           | 19485        | 0.32%          | 0.008%        |
| 19        | 4.159       | 4.149        | 4.205      | VV       | 612            | 9251         | 0.15%          | 0.004%        |
| 20        | 4.232       | 4.205        | 4.252      | PV       | 904            | 12728        | 0.21%          | 0.005%        |
| 21        | 4.272       | 4.252        | 4.295      | VV       | 1127           | 13912        | 0.23%          | 0.006%        |
| 22        | 4.318       | 4.295        | 4.343      | VV       | 14086          | 130139       | 2.12%          | 0.054%        |
| 23        | 4.359       | 4.343        | 4.374      | VV       | 1997           | 18382        | 0.30%          | 0.008%        |
| 24        | 4.388       | 4.374        | 4.407      | VV       | 1127           | 11920        | 0.19%          | 0.005%        |
| 25        | 4.420       | 4.407        | 4.447      | VV       | 471            | 6247         | 0.10%          | 0.003%        |
| 26        | 4.476       | 4.447        | 4.498      | VV       | 1081           | 19923        | 0.33%          | 0.008%        |
| 27        | 4.515       | 4.498        | 4.529      | VV       | 1319           | 17429        | 0.28%          | 0.007%        |
| 28        | 4.541       | 4.529        | 4.554      | VV       | 1153           | 12563        | 0.21%          | 0.005%        |
| 29        | 4.571       | 4.554        | 4.585      | VV       | 4492           | 41045        | 0.67%          | 0.017%        |
| 30        | 4.598       | 4.585        | 4.612      | VV       | 3028           | 28477        | 0.46%          | 0.012%        |
| 31        | 4.625       | 4.612        | 4.636      | VV       | 1623           | 19118        | 0.31%          | 0.008%        |
| 32        | 4.646       | 4.636        | 4.675      | VV       | 1800           | 24179        | 0.39%          | 0.010%        |
| 33        | 4.692       | 4.675        | 4.708      | VV       | 3210           | 36324        | 0.59%          | 0.015%        |
| 34        | 4.730       | 4.708        | 4.752      | VV       | 3172           | 47447        | 0.77%          | 0.020%        |
| 35        | 4.785       | 4.752        | 4.815      | VV       | 2755           | 54076        | 0.88%          | 0.022%        |
| 36        | 4.841       | 4.815        | 4.856      | VV       | 1963           | 23677        | 0.39%          | 0.010%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.870 | 4.856 | 4.894 | VV | 1464   | 20875  | 0.34% | 0.009% |
| 38 | 4.925 | 4.894 | 4.939 | PV | 3521   | 37369  | 0.61% | 0.015% |
| 39 | 4.956 | 4.939 | 4.979 | VV | 5569   | 70544  | 1.15% | 0.029% |
| 40 | 4.994 | 4.979 | 5.018 | VV | 5057   | 62716  | 1.02% | 0.026% |
| 41 | 5.031 | 5.018 | 5.041 | VV | 3191   | 30320  | 0.49% | 0.013% |
| 42 | 5.056 | 5.041 | 5.098 | VV | 5531   | 64094  | 1.05% | 0.027% |
| 43 | 5.111 | 5.098 | 5.131 | VV | 529    | 6890   | 0.11% | 0.003% |
| 44 | 5.152 | 5.131 | 5.182 | VV | 2544   | 40290  | 0.66% | 0.017% |
| 45 | 5.216 | 5.182 | 5.229 | VV | 2886   | 51140  | 0.83% | 0.021% |
| 46 | 5.240 | 5.229 | 5.256 | VV | 3012   | 31822  | 0.52% | 0.013% |
| 47 | 5.270 | 5.256 | 5.288 | VV | 1592   | 24595  | 0.40% | 0.010% |
| 48 | 5.300 | 5.288 | 5.320 | VV | 1597   | 19694  | 0.32% | 0.008% |
| 49 | 5.351 | 5.320 | 5.371 | VV | 38771  | 381869 | 6.23% | 0.158% |
| 50 | 5.380 | 5.371 | 5.404 | VV | 4585   | 54101  | 0.88% | 0.022% |
| 51 | 5.421 | 5.404 | 5.455 | VV | 1200   | 21795  | 0.36% | 0.009% |
| 52 | 5.473 | 5.455 | 5.481 | VV | 884    | 9414   | 0.15% | 0.004% |
| 53 | 5.498 | 5.481 | 5.515 | VV | 961    | 18363  | 0.30% | 0.008% |
| 54 | 5.534 | 5.515 | 5.576 | VV | 5186   | 90711  | 1.48% | 0.038% |
| 55 | 5.598 | 5.576 | 5.611 | VV | 1585   | 24435  | 0.40% | 0.010% |
| 56 | 5.634 | 5.611 | 5.668 | VV | 6202   | 128370 | 2.10% | 0.053% |
| 57 | 5.684 | 5.668 | 5.706 | VV | 3770   | 55178  | 0.90% | 0.023% |
| 58 | 5.720 | 5.706 | 5.736 | VV | 4957   | 50405  | 0.82% | 0.021% |
| 59 | 5.758 | 5.736 | 5.782 | VV | 2269   | 38825  | 0.63% | 0.016% |
| 60 | 5.802 | 5.782 | 5.824 | PV | 3301   | 37017  | 0.60% | 0.015% |
| 61 | 5.852 | 5.824 | 5.872 | VV | 3638   | 57618  | 0.94% | 0.024% |
| 62 | 5.899 | 5.872 | 5.928 | VV | 4928   | 102485 | 1.67% | 0.042% |
| 63 | 5.945 | 5.928 | 5.965 | VV | 4679   | 52609  | 0.86% | 0.022% |
| 64 | 5.989 | 5.965 | 6.011 | VV | 6777   | 77701  | 1.27% | 0.032% |
| 65 | 6.049 | 6.011 | 6.066 | VV | 5372   | 97037  | 1.58% | 0.040% |
| 66 | 6.082 | 6.066 | 6.096 | VV | 1830   | 28970  | 0.47% | 0.012% |
| 67 | 6.112 | 6.096 | 6.125 | VV | 2649   | 33199  | 0.54% | 0.014% |
| 68 | 6.135 | 6.125 | 6.148 | VV | 2117   | 26361  | 0.43% | 0.011% |
| 69 | 6.165 | 6.148 | 6.189 | VV | 2923   | 50725  | 0.83% | 0.021% |
| 70 | 6.209 | 6.189 | 6.228 | VV | 3037   | 46625  | 0.76% | 0.019% |
| 71 | 6.261 | 6.228 | 6.295 | VV | 3650   | 86415  | 1.41% | 0.036% |
| 72 | 6.328 | 6.295 | 6.376 | VV | 38573  | 425114 | 6.94% | 0.176% |
| 73 | 6.415 | 6.376 | 6.428 | VV | 1755   | 36911  | 0.60% | 0.015% |
| 74 | 6.445 | 6.428 | 6.457 | VV | 2051   | 29753  | 0.49% | 0.012% |
| 75 | 6.476 | 6.457 | 6.499 | VV | 12188  | 138491 | 2.26% | 0.057% |
| 76 | 6.518 | 6.499 | 6.537 | VV | 3567   | 57501  | 0.94% | 0.024% |
| 77 | 6.548 | 6.537 | 6.563 | VV | 2442   | 26819  | 0.44% | 0.011% |
| 78 | 6.576 | 6.563 | 6.581 | VV | 1245   | 12192  | 0.20% | 0.005% |
| 79 | 6.604 | 6.581 | 6.624 | VV | 3710   | 53088  | 0.87% | 0.022% |
| 80 | 6.648 | 6.624 | 6.673 | VV | 3694   | 68458  | 1.12% | 0.028% |
| 81 | 6.682 | 6.673 | 6.697 | VV | 2394   | 25672  | 0.42% | 0.011% |
| 82 | 6.724 | 6.697 | 6.753 | VV | 7875   | 110578 | 1.81% | 0.046% |
| 83 | 6.792 | 6.753 | 6.808 | VV | 2548   | 53688  | 0.88% | 0.022% |
| 84 | 6.843 | 6.808 | 6.865 | VV | 5456   | 120300 | 1.96% | 0.050% |
| 85 | 6.885 | 6.865 | 6.909 | VV | 6872   | 89315  | 1.46% | 0.037% |
| 86 | 6.929 | 6.909 | 6.970 | VV | 6845   | 157471 | 2.57% | 0.065% |
| 87 | 6.986 | 6.970 | 7.007 | VV | 5606   | 66945  | 1.09% | 0.028% |
| 88 | 7.028 | 7.007 | 7.065 | VV | 10910  | 154461 | 2.52% | 0.064% |
| 89 | 7.084 | 7.065 | 7.108 | VV | 3833   | 60362  | 0.99% | 0.025% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 7.127 | 7.108 | 7.145 | VV | 3316   | 45210   | 0.74%  | 0.019% |
| 91  | 7.171 | 7.145 | 7.187 | VV | 1796   | 38480   | 0.63%  | 0.016% |
| 92  | 7.249 | 7.187 | 7.274 | VV | 38506  | 495279  | 8.09%  | 0.205% |
| 93  | 7.297 | 7.274 | 7.325 | VV | 2627   | 66853   | 1.09%  | 0.028% |
| 94  | 7.335 | 7.325 | 7.351 | VV | 2289   | 31150   | 0.51%  | 0.013% |
| 95  | 7.369 | 7.351 | 7.397 | VV | 2301   | 49794   | 0.81%  | 0.021% |
| 96  | 7.421 | 7.397 | 7.454 | VV | 6928   | 119311  | 1.95%  | 0.049% |
| 97  | 7.470 | 7.454 | 7.491 | VV | 2348   | 35630   | 0.58%  | 0.015% |
| 98  | 7.512 | 7.491 | 7.525 | VV | 1609   | 24503   | 0.40%  | 0.010% |
| 99  | 7.556 | 7.525 | 7.599 | VV | 113061 | 1150848 | 18.79% | 0.476% |
| 100 | 7.612 | 7.599 | 7.648 | VV | 3005   | 57248   | 0.93%  | 0.024% |
| 101 | 7.672 | 7.648 | 7.688 | VV | 3129   | 52310   | 0.85%  | 0.022% |
| 102 | 7.703 | 7.688 | 7.716 | VV | 4051   | 54335   | 0.89%  | 0.022% |
| 103 | 7.725 | 7.716 | 7.745 | VV | 3518   | 44261   | 0.72%  | 0.018% |
| 104 | 7.768 | 7.745 | 7.788 | VV | 4318   | 64491   | 1.05%  | 0.027% |
| 105 | 7.814 | 7.788 | 7.834 | VV | 6039   | 90891   | 1.48%  | 0.038% |
| 106 | 7.850 | 7.834 | 7.857 | VV | 3518   | 36698   | 0.60%  | 0.015% |
| 107 | 7.870 | 7.857 | 7.892 | VV | 5529   | 67978   | 1.11%  | 0.028% |
| 108 | 7.938 | 7.892 | 7.971 | VV | 10557  | 167225  | 2.73%  | 0.069% |
| 109 | 7.989 | 7.971 | 8.007 | VV | 2322   | 41644   | 0.68%  | 0.017% |
| 110 | 8.033 | 8.007 | 8.052 | VV | 3404   | 73672   | 1.20%  | 0.030% |
| 111 | 8.067 | 8.052 | 8.084 | VV | 3594   | 54996   | 0.90%  | 0.023% |
| 112 | 8.116 | 8.084 | 8.142 | VV | 27881  | 340700  | 5.56%  | 0.141% |
| 113 | 8.167 | 8.142 | 8.194 | VV | 3562   | 77998   | 1.27%  | 0.032% |
| 114 | 8.213 | 8.194 | 8.248 | VV | 2722   | 63699   | 1.04%  | 0.026% |
| 115 | 8.272 | 8.248 | 8.289 | VV | 2344   | 45844   | 0.75%  | 0.019% |
| 116 | 8.301 | 8.289 | 8.317 | VV | 2021   | 28762   | 0.47%  | 0.012% |
| 117 | 8.333 | 8.317 | 8.376 | VV | 2431   | 53849   | 0.88%  | 0.022% |
| 118 | 8.418 | 8.376 | 8.455 | VV | 67313  | 732070  | 11.95% | 0.303% |
| 119 | 8.472 | 8.455 | 8.500 | VV | 2741   | 63457   | 1.04%  | 0.026% |
| 120 | 8.531 | 8.500 | 8.548 | VV | 2802   | 65515   | 1.07%  | 0.027% |
| 121 | 8.565 | 8.548 | 8.591 | VV | 3316   | 60741   | 0.99%  | 0.025% |
| 122 | 8.606 | 8.591 | 8.619 | VV | 2660   | 35150   | 0.57%  | 0.015% |
| 123 | 8.651 | 8.619 | 8.676 | VV | 9292   | 135541  | 2.21%  | 0.056% |
| 124 | 8.702 | 8.676 | 8.718 | VV | 2631   | 40523   | 0.66%  | 0.017% |
| 125 | 8.729 | 8.718 | 8.742 | VV | 1444   | 17290   | 0.28%  | 0.007% |
| 126 | 8.757 | 8.742 | 8.781 | VV | 1651   | 31308   | 0.51%  | 0.013% |
| 127 | 8.797 | 8.781 | 8.813 | VV | 2013   | 29127   | 0.48%  | 0.012% |
| 128 | 8.828 | 8.813 | 8.843 | VV | 1713   | 25465   | 0.42%  | 0.011% |
| 129 | 8.869 | 8.843 | 8.892 | VV | 1929   | 44808   | 0.73%  | 0.019% |
| 130 | 8.935 | 8.892 | 9.001 | VV | 16912  | 246815  | 4.03%  | 0.102% |
| 131 | 9.020 | 9.001 | 9.045 | VV | 1431   | 23237   | 0.38%  | 0.010% |
| 132 | 9.078 | 9.045 | 9.096 | VV | 1301   | 25816   | 0.42%  | 0.011% |
| 133 | 9.112 | 9.096 | 9.148 | VV | 895    | 20853   | 0.34%  | 0.009% |
| 134 | 9.163 | 9.148 | 9.185 | VV | 744    | 13632   | 0.22%  | 0.006% |
| 135 | 9.215 | 9.185 | 9.251 | VV | 1458   | 31481   | 0.51%  | 0.013% |
| 136 | 9.264 | 9.251 | 9.281 | VV | 756    | 11025   | 0.18%  | 0.005% |
| 137 | 9.308 | 9.281 | 9.339 | VV | 2740   | 54560   | 0.89%  | 0.023% |
| 138 | 9.380 | 9.339 | 9.414 | VV | 1861   | 53895   | 0.88%  | 0.022% |
| 139 | 9.439 | 9.414 | 9.457 | VV | 1538   | 24159   | 0.39%  | 0.010% |
| 140 | 9.491 | 9.457 | 9.518 | VV | 1379   | 32474   | 0.53%  | 0.013% |
| 141 | 9.539 | 9.518 | 9.568 | VV | 390    | 8211    | 0.13%  | 0.003% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 142 | 9.575  | 9.568  | 9.600  | VV | 241    | 3765   | 0.06%  | 0.002% |
| 143 | 9.665  | 9.600  | 9.688  | VV | 1152   | 39174  | 0.64%  | 0.016% |
| 144 | 9.710  | 9.688  | 9.753  | VV | 9364   | 113063 | 1.85%  | 0.047% |
| 145 | 9.777  | 9.753  | 9.793  | VV | 444    | 8854   | 0.14%  | 0.004% |
| 146 | 9.813  | 9.793  | 9.845  | VV | 810    | 12876  | 0.21%  | 0.005% |
| 147 | 9.884  | 9.845  | 9.908  | PV | 505    | 8607   | 0.14%  | 0.004% |
| 148 | 9.980  | 9.908  | 9.995  | VV | 265    | 7448   | 0.12%  | 0.003% |
| 149 | 10.048 | 9.995  | 10.069 | VV | 864    | 19174  | 0.31%  | 0.008% |
| 150 | 10.097 | 10.069 | 10.124 | VV | 3418   | 53648  | 0.88%  | 0.022% |
| 151 | 10.147 | 10.124 | 10.162 | VV | 1290   | 19859  | 0.32%  | 0.008% |
| 152 | 10.180 | 10.162 | 10.201 | VV | 1110   | 19483  | 0.32%  | 0.008% |
| 153 | 10.215 | 10.201 | 10.226 | VV | 789    | 8395   | 0.14%  | 0.003% |
| 154 | 10.241 | 10.226 | 10.268 | VV | 1126   | 15065  | 0.25%  | 0.006% |
| 155 | 10.290 | 10.268 | 10.305 | PV | 706    | 8976   | 0.15%  | 0.004% |
| 156 | 10.314 | 10.305 | 10.332 | VV | 493    | 6557   | 0.11%  | 0.003% |
| 157 | 10.352 | 10.332 | 10.365 | VV | 826    | 12865  | 0.21%  | 0.005% |
| 158 | 10.394 | 10.365 | 10.407 | VV | 776    | 17018  | 0.28%  | 0.007% |
| 159 | 10.446 | 10.407 | 10.479 | VV | 5863   | 84882  | 1.39%  | 0.035% |
| 160 | 10.518 | 10.479 | 10.555 | VV | 3362   | 60520  | 0.99%  | 0.025% |
| 161 | 10.569 | 10.555 | 10.611 | VV | 697    | 12213  | 0.20%  | 0.005% |
| 162 | 10.692 | 10.611 | 10.745 | PV | 2801   | 62040  | 1.01%  | 0.026% |
| 163 | 10.769 | 10.745 | 10.806 | VV | 1088   | 25624  | 0.42%  | 0.011% |
| 164 | 10.834 | 10.806 | 10.881 | VV | 1141   | 24035  | 0.39%  | 0.010% |
| 165 | 10.898 | 10.881 | 10.930 | VV | 531    | 7980   | 0.13%  | 0.003% |
| 166 | 10.951 | 10.930 | 10.974 | PV | 493    | 6191   | 0.10%  | 0.003% |
| 167 | 11.002 | 10.974 | 11.022 | VV | 733    | 10976  | 0.18%  | 0.005% |
| 168 | 11.078 | 11.022 | 11.097 | PV | 771    | 17293  | 0.28%  | 0.007% |
| 169 | 11.113 | 11.097 | 11.125 | VV | 517    | 7205   | 0.12%  | 0.003% |
| 170 | 11.146 | 11.125 | 11.176 | VV | 4437   | 54597  | 0.89%  | 0.023% |
| 171 | 11.183 | 11.176 | 11.194 | VV | 368    | 3849   | 0.06%  | 0.002% |
| 172 | 11.235 | 11.194 | 11.262 | VV | 2557   | 44800  | 0.73%  | 0.019% |
| 173 | 11.283 | 11.262 | 11.309 | VV | 543    | 6697   | 0.11%  | 0.003% |
| 174 | 11.342 | 11.309 | 11.365 | PV | 831    | 11150  | 0.18%  | 0.005% |
| 175 | 11.380 | 11.365 | 11.398 | VV | 565    | 7503   | 0.12%  | 0.003% |
| 176 | 11.457 | 11.398 | 11.508 | VV | 81613  | 897536 | 14.65% | 0.371% |
| 177 | 11.524 | 11.508 | 11.568 | VV | 1651   | 28211  | 0.46%  | 0.012% |
| 178 | 11.590 | 11.568 | 11.615 | VV | 860    | 16910  | 0.28%  | 0.007% |
| 179 | 11.638 | 11.615 | 11.655 | VV | 1768   | 24444  | 0.40%  | 0.010% |
| 180 | 11.669 | 11.655 | 11.716 | VV | 1029   | 15161  | 0.25%  | 0.006% |
| 181 | 11.748 | 11.716 | 11.766 | PV | 786    | 11999  | 0.20%  | 0.005% |
| 182 | 11.812 | 11.766 | 11.841 | VV | 4832   | 84963  | 1.39%  | 0.035% |
| 183 | 11.860 | 11.841 | 11.872 | VV | 386    | 5381   | 0.09%  | 0.002% |
| 184 | 11.892 | 11.872 | 11.907 | VV | 585    | 7469   | 0.12%  | 0.003% |
| 185 | 11.929 | 11.907 | 11.975 | VV | 622    | 12474  | 0.20%  | 0.005% |
| 186 | 12.029 | 11.975 | 12.040 | PV | 1509   | 23290  | 0.38%  | 0.010% |
| 187 | 12.057 | 12.040 | 12.086 | VV | 3411   | 43503  | 0.71%  | 0.018% |
| 188 | 12.110 | 12.086 | 12.130 | VV | 513    | 10534  | 0.17%  | 0.004% |
| 189 | 12.142 | 12.130 | 12.150 | VV | 369    | 3082   | 0.05%  | 0.001% |
| 190 | 12.171 | 12.150 | 12.208 | VV | 1117   | 26325  | 0.43%  | 0.011% |
| 191 | 12.224 | 12.208 | 12.261 | VV | 1065   | 16824  | 0.27%  | 0.007% |
| 192 | 12.278 | 12.261 | 12.287 | PV | 1189   | 11801  | 0.19%  | 0.005% |
| 193 | 12.307 | 12.287 | 12.327 | VV | 1426   | 21349  | 0.35%  | 0.009% |
| 194 | 12.387 | 12.327 | 12.404 | VV | 3416   | 56051  | 0.91%  | 0.023% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 12.449 | 12.404 | 12.476 | VV | 7162   | 117583 | 1.92%  | 0.049% |
| 196 | 12.501 | 12.476 | 12.533 | VV | 4192   | 59185  | 0.97%  | 0.024% |
| 197 | 12.558 | 12.533 | 12.582 | VV | 2106   | 30834  | 0.50%  | 0.013% |
| 198 | 12.598 | 12.582 | 12.616 | VV | 775    | 8114   | 0.13%  | 0.003% |
| 199 | 12.631 | 12.616 | 12.671 | VV | 564    | 6813   | 0.11%  | 0.003% |
| 200 | 12.693 | 12.671 | 12.714 | PV | 960    | 14504  | 0.24%  | 0.006% |
| 201 | 12.742 | 12.714 | 12.772 | VV | 794    | 15560  | 0.25%  | 0.006% |
| 202 | 12.799 | 12.772 | 12.850 | VV | 3913   | 70102  | 1.14%  | 0.029% |
| 203 | 12.892 | 12.850 | 12.922 | VV | 59621  | 705395 | 11.52% | 0.292% |
| 204 | 12.945 | 12.922 | 12.968 | VV | 1899   | 38295  | 0.63%  | 0.016% |
| 205 | 12.986 | 12.968 | 13.027 | VV | 1751   | 38819  | 0.63%  | 0.016% |
| 206 | 13.060 | 13.027 | 13.088 | VV | 5861   | 94844  | 1.55%  | 0.039% |
| 207 | 13.100 | 13.088 | 13.114 | VV | 1852   | 24685  | 0.40%  | 0.010% |
| 208 | 13.131 | 13.114 | 13.175 | VV | 2599   | 44287  | 0.72%  | 0.018% |
| 209 | 13.221 | 13.175 | 13.244 | VV | 2657   | 42348  | 0.69%  | 0.018% |
| 210 | 13.289 | 13.244 | 13.305 | PV | 2195   | 43888  | 0.72%  | 0.018% |
| 211 | 13.325 | 13.305 | 13.340 | VV | 2101   | 38471  | 0.63%  | 0.016% |
| 212 | 13.387 | 13.340 | 13.408 | VV | 2507   | 76622  | 1.25%  | 0.032% |
| 213 | 13.462 | 13.408 | 13.511 | VV | 5753   | 165852 | 2.71%  | 0.069% |
| 214 | 13.561 | 13.511 | 13.614 | VV | 4287   | 151472 | 2.47%  | 0.063% |
| 215 | 13.643 | 13.614 | 13.680 | VV | 12916  | 288662 | 4.71%  | 0.119% |
| 216 | 13.696 | 13.680 | 13.721 | VV | 4440   | 81925  | 1.34%  | 0.034% |
| 217 | 13.741 | 13.721 | 13.765 | VV | 2708   | 63313  | 1.03%  | 0.026% |
| 218 | 13.792 | 13.765 | 13.815 | VV | 3621   | 77739  | 1.27%  | 0.032% |
| 219 | 13.874 | 13.815 | 13.892 | VV | 5043   | 161124 | 2.63%  | 0.067% |
| 220 | 13.932 | 13.892 | 13.960 | VV | 14479  | 276725 | 4.52%  | 0.115% |
| 221 | 13.968 | 13.960 | 13.976 | VV | 2878   | 26071  | 0.43%  | 0.011% |
| 222 | 14.001 | 13.976 | 14.014 | VV | 4105   | 79207  | 1.29%  | 0.033% |
| 223 | 14.048 | 14.014 | 14.065 | VV | 5510   | 135771 | 2.22%  | 0.056% |
| 224 | 14.086 | 14.065 | 14.128 | VV | 5805   | 183563 | 3.00%  | 0.076% |
| 225 | 14.146 | 14.128 | 14.169 | VV | 5682   | 114576 | 1.87%  | 0.047% |
| 226 | 14.204 | 14.169 | 14.237 | VV | 10294  | 249505 | 4.07%  | 0.103% |
| 227 | 14.260 | 14.237 | 14.279 | VV | 8259   | 164147 | 2.68%  | 0.068% |
| 228 | 14.299 | 14.279 | 14.308 | VV | 6454   | 106667 | 1.74%  | 0.044% |
| 229 | 14.326 | 14.308 | 14.343 | VV | 7098   | 136003 | 2.22%  | 0.056% |
| 230 | 14.358 | 14.343 | 14.381 | VV | 6626   | 132575 | 2.16%  | 0.055% |
| 231 | 14.448 | 14.381 | 14.465 | VV | 7681   | 304392 | 4.97%  | 0.126% |
| 232 | 14.480 | 14.465 | 14.501 | VV | 7488   | 152464 | 2.49%  | 0.063% |
| 233 | 14.519 | 14.501 | 14.537 | VV | 7423   | 137534 | 2.25%  | 0.057% |
| 234 | 14.585 | 14.537 | 14.596 | VV | 11354  | 274861 | 4.49%  | 0.114% |
| 235 | 14.606 | 14.596 | 14.634 | VV | 10625  | 202634 | 3.31%  | 0.084% |
| 236 | 14.668 | 14.634 | 14.686 | VV | 9210   | 251012 | 4.10%  | 0.104% |
| 237 | 14.708 | 14.686 | 14.723 | VV | 9551   | 184428 | 3.01%  | 0.076% |
| 238 | 14.743 | 14.723 | 14.795 | VV | 13537  | 449633 | 7.34%  | 0.186% |
| 239 | 14.821 | 14.795 | 14.838 | VV | 9165   | 220234 | 3.60%  | 0.091% |
| 240 | 14.870 | 14.838 | 14.909 | VV | 10373  | 394298 | 6.44%  | 0.163% |
| 241 | 14.945 | 14.909 | 14.961 | VV | 9935   | 289648 | 4.73%  | 0.120% |
| 242 | 14.981 | 14.961 | 15.015 | VV | 10600  | 308483 | 5.04%  | 0.128% |
| 243 | 15.074 | 15.015 | 15.087 | VV | 10169  | 412040 | 6.73%  | 0.171% |
| 244 | 15.120 | 15.087 | 15.143 | VV | 15562  | 414880 | 6.77%  | 0.172% |
| 245 | 15.185 | 15.143 | 15.204 | VV | 13231  | 426509 | 6.96%  | 0.177% |
| 246 | 15.259 | 15.204 | 15.287 | VV | 18589  | 663375 | 10.83% | 0.275% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 15.303 | 15.287 | 15.324 | VV | 13485 | 296289  | 4.84%  | 0.123% |
| 248    | 15.342 | 15.324 | 15.361 | VV | 15824 | 320066  | 5.22%  | 0.132% |
| 249    | 15.384 | 15.361 | 15.412 | VV | 16202 | 420771  | 6.87%  | 0.174% |
| 250    | 15.511 | 15.412 | 15.534 | VV | 16314 | 1025119 | 16.73% | 0.424% |
| 251    | 15.576 | 15.534 | 15.591 | VV | 16625 | 518989  | 8.47%  | 0.215% |
| 252    | 15.627 | 15.591 | 15.646 | VV | 16269 | 518106  | 8.46%  | 0.214% |
| 253    | 15.666 | 15.646 | 15.682 | VV | 16632 | 346421  | 5.66%  | 0.143% |
| 254    | 15.715 | 15.682 | 15.733 | VV | 18312 | 530386  | 8.66%  | 0.220% |
| 255    | 15.760 | 15.733 | 15.795 | VV | 26031 | 778630  | 12.71% | 0.322% |
| 256    | 15.808 | 15.795 | 15.838 | VV | 19257 | 478029  | 7.80%  | 0.198% |
| 257    | 15.882 | 15.838 | 15.898 | VV | 19096 | 658773  | 10.75% | 0.273% |
| 258    | 15.943 | 15.898 | 15.987 | VV | 26550 | 1163760 | 19.00% | 0.482% |
| 259    | 16.043 | 15.987 | 16.062 | VV | 25035 | 1028135 | 16.78% | 0.426% |
| 260    | 16.138 | 16.062 | 16.168 | VV | 28376 | 1609679 | 26.28% | 0.666% |
| 261    | 16.239 | 16.168 | 16.263 | VV | 35911 | 1604155 | 26.19% | 0.664% |
| 262    | 16.363 | 16.263 | 16.388 | VV | 33326 | 2226461 | 36.35% | 0.921% |
| 263    | 16.399 | 16.388 | 16.414 | VV | 32112 | 482538  | 7.88%  | 0.200% |
| 264    | 16.444 | 16.414 | 16.478 | VV | 34784 | 1248433 | 20.38% | 0.517% |
| 265    | 16.506 | 16.478 | 16.520 | VV | 34504 | 830906  | 13.56% | 0.344% |
| 266    | 16.545 | 16.520 | 16.565 | VV | 37845 | 954734  | 15.59% | 0.395% |
| 267    | 16.575 | 16.565 | 16.592 | VV | 36607 | 588793  | 9.61%  | 0.244% |
| 268    | 16.606 | 16.592 | 16.625 | VV | 35873 | 679832  | 11.10% | 0.281% |
| 269    | 16.705 | 16.625 | 16.743 | VV | 48597 | 2869701 | 46.85% | 1.188% |
| 270    | 16.752 | 16.743 | 16.774 | VV | 41363 | 750317  | 12.25% | 0.311% |
| 271    | 16.797 | 16.774 | 16.821 | VV | 42241 | 1162432 | 18.98% | 0.481% |
| 272    | 16.832 | 16.821 | 16.848 | VV | 41412 | 647366  | 10.57% | 0.268% |
| 273    | 16.867 | 16.848 | 16.884 | VV | 44489 | 932955  | 15.23% | 0.386% |
| 274    | 16.940 | 16.884 | 16.981 | VV | 52546 | 2704555 | 44.15% | 1.119% |
| 275    | 17.016 | 16.981 | 17.050 | VV | 54343 | 2013085 | 32.86% | 0.833% |
| 276    | 17.113 | 17.050 | 17.133 | VV | 59857 | 2540847 | 41.48% | 1.052% |
| 277    | 17.154 | 17.133 | 17.170 | VV | 58152 | 1186220 | 19.36% | 0.491% |
| 278    | 17.180 | 17.170 | 17.201 | VV | 54534 | 982261  | 16.03% | 0.407% |
| 279    | 17.219 | 17.201 | 17.234 | VV | 51918 | 981646  | 16.02% | 0.406% |
| 280    | 17.262 | 17.234 | 17.295 | VV | 62832 | 1997355 | 32.61% | 0.827% |
| 281    | 17.319 | 17.295 | 17.338 | VV | 53746 | 1334434 | 21.78% | 0.552% |
| 282    | 17.347 | 17.338 | 17.380 | VV | 53811 | 1286394 | 21.00% | 0.532% |
| 283    | 17.436 | 17.380 | 17.462 | VV | 54563 | 2525597 | 41.23% | 1.045% |
| 284    | 17.484 | 17.462 | 17.501 | VV | 57788 | 1292065 | 21.09% | 0.535% |
| 285    | 17.529 | 17.501 | 17.540 | VV | 60307 | 1331701 | 21.74% | 0.551% |
| 286    | 17.585 | 17.540 | 17.607 | VV | 72719 | 2477501 | 40.44% | 1.025% |
| 287    | 17.631 | 17.607 | 17.654 | VV | 71361 | 1773148 | 28.95% | 0.734% |
| 288    | 17.728 | 17.654 | 17.809 | VV | 82988 | 5895688 | 96.24% | 2.440% |
| 289    | 17.828 | 17.809 | 17.845 | VV | 57810 | 1223109 | 19.97% | 0.506% |
| 290    | 17.874 | 17.845 | 17.888 | VV | 58582 | 1507922 | 24.62% | 0.624% |
| 291    | 17.930 | 17.888 | 17.985 | VV | 65912 | 3560301 | 58.12% | 1.474% |
| 292    | 18.009 | 17.985 | 18.028 | VV | 68718 | 1635100 | 26.69% | 0.677% |
| 293    | 18.062 | 18.028 | 18.072 | VV | 67692 | 1675114 | 27.35% | 0.693% |
| 294    | 18.094 | 18.072 | 18.151 | VV | 91862 | 3327330 | 54.32% | 1.377% |
| 295    | 18.165 | 18.151 | 18.186 | VV | 61761 | 1258510 | 20.54% | 0.521% |
| 296    | 18.246 | 18.186 | 18.271 | VV | 65058 | 3137387 | 51.22% | 1.299% |
| 297    | 18.294 | 18.271 | 18.357 | VV | 62641 | 3108155 | 50.74% | 1.286% |
| 298    | 18.416 | 18.357 | 18.448 | VV | 74315 | 3544163 | 57.86% | 1.467% |
| 299    | 18.468 | 18.448 | 18.485 | VV | 65157 | 1367853 | 22.33% | 0.566% |

| rteres |        |        |        |     |       |         |         |        |
|--------|--------|--------|--------|-----|-------|---------|---------|--------|
| 300    | 18.513 | 18.485 | 18.536 | VV  | 75264 | 2061409 | 33.65%  | 0.853% |
| 301    | 18.564 | 18.536 | 18.608 | VV  | 74924 | 2899430 | 47.33%  | 1.200% |
| 302    | 18.614 | 18.608 | 18.630 | VV  | 63406 | 803468  | 13.12%  | 0.333% |
| 303    | 18.691 | 18.630 | 18.721 | VV  | 68043 | 3570450 | 58.29%  | 1.478% |
| 304    | 18.811 | 18.721 | 18.829 | VV  | 79238 | 4440651 | 72.49%  | 1.838% |
| 305    | 18.842 | 18.829 | 18.874 | VV  | 74685 | 1858668 | 30.34%  | 0.769% |
| 306    | 18.911 | 18.874 | 18.957 | VV  | 72532 | 3407237 | 55.62%  | 1.410% |
| 307    | 18.995 | 18.957 | 19.011 | VV  | 68843 | 2173419 | 35.48%  | 0.900% |
| 308    | 19.021 | 19.011 | 19.054 | VV  | 69441 | 1728466 | 28.22%  | 0.715% |
| 309    | 19.070 | 19.054 | 19.088 | VV  | 68341 | 1388112 | 22.66%  | 0.575% |
| 310    | 19.106 | 19.088 | 19.153 | VV  | 69840 | 2658666 | 43.40%  | 1.100% |
| 311    | 19.196 | 19.153 | 19.206 | VV  | 81586 | 2357592 | 38.49%  | 0.976% |
| 312    | 19.218 | 19.206 | 19.269 | VV  | 81014 | 2816968 | 45.99%  | 1.166% |
| 313    | 19.313 | 19.269 | 19.358 | VV  | 79370 | 3891877 | 63.53%  | 1.611% |
| 314    | 19.402 | 19.358 | 19.418 | VV  | 74483 | 2630294 | 42.94%  | 1.089% |
| 315    | 19.477 | 19.418 | 19.491 | VV  | 76824 | 3296311 | 53.81%  | 1.364% |
| 316    | 19.498 | 19.491 | 19.515 | VV  | 76147 | 1039996 | 16.98%  | 0.430% |
| 317    | 19.567 | 19.515 | 19.588 | VV  | 86147 | 3537432 | 57.75%  | 1.464% |
| 318    | 19.608 | 19.588 | 19.654 | VV  | 82764 | 3168197 | 51.72%  | 1.311% |
| 319    | 19.727 | 19.654 | 19.783 | VV  | 83700 | 6125823 | 100.00% | 2.535% |
| 320    | 19.835 | 19.783 | 19.866 | VV  | 86737 | 4171887 | 68.10%  | 1.727% |
| 321    | 19.885 | 19.866 | 19.896 | VV  | 85602 | 1510689 | 24.66%  | 0.625% |
| 322    | 19.937 | 19.896 | 19.955 | VV  | 92152 | 3052556 | 49.83%  | 1.263% |
| 323    | 19.973 | 19.955 | 19.981 | VV  | 88168 | 1343112 | 21.93%  | 0.556% |
| 324    | 20.000 | 19.981 | 20.025 | VV  | 90945 | 2282643 | 37.26%  | 0.945% |
| 325    | 20.069 | 20.025 | 20.079 | VV  | 89489 | 2860196 | 46.69%  | 1.184% |
| 326    | 20.085 | 20.079 | 20.091 | VV  | 88632 | 608612  | 9.94%   | 0.252% |
| 327    | 20.130 | 20.091 | 20.156 | VV  | 93492 | 3539953 | 57.79%  | 1.465% |
| 328    | 20.166 | 20.156 | 20.245 | VV  | 91974 | 4788508 | 78.17%  | 1.982% |
| 329    | 20.288 | 20.245 | 20.311 | VV  | 97526 | 3674597 | 59.99%  | 1.521% |
| 330    | 20.330 | 20.311 | 20.360 | VV  | 93930 | 2671172 | 43.61%  | 1.106% |
| 331    | 20.395 | 20.360 | 20.449 | VV  | 99470 | 5060743 | 82.61%  | 2.095% |
| 332    | 20.463 | 20.449 | 20.475 | VV  | 93529 | 1458126 | 23.80%  | 0.603% |
| 333    | 20.504 | 20.475 | 20.568 | VV  | 94118 | 5105717 | 83.35%  | 2.113% |
| 334    | 20.578 | 20.568 | 20.591 | VV  | 87395 | 1211791 | 19.78%  | 0.502% |
| 335    | 20.640 | 20.591 | 20.670 | VV  | 90307 | 4099810 | 66.93%  | 1.697% |
| 336    | 20.683 | 20.670 | 20.711 | VV  | 82859 | 2006921 | 32.76%  | 0.831% |
| 337    | 20.719 | 20.711 | 20.788 | VV  | 81295 | 3627215 | 59.21%  | 1.501% |
| 338    | 20.799 | 20.788 | 20.858 | VV  | 79064 | 3294944 | 53.79%  | 1.364% |
| 339    | 20.866 | 20.858 | 20.927 | VV  | 76143 | 3074645 | 50.19%  | 1.273% |
| 340    | 20.936 | 20.927 | 20.982 | VV  | 74769 | 2412822 | 39.39%  | 0.999% |
| 341    | 20.990 | 20.982 | 21.001 | VV  | 72144 | 843990  | 13.78%  | 0.349% |
| 342    | 21.032 | 21.001 | 21.108 | VV  | 72661 | 4473757 | 73.03%  | 1.852% |
| 343    | 21.148 | 21.108 | 21.173 | VV  | 67177 | 2560497 | 41.80%  | 1.060% |
| 344    | 21.196 | 21.173 | 21.236 | VV  | 65254 | 2444879 | 39.91%  | 1.012% |
| 345    | 21.245 | 21.236 | 21.308 | VV  | 63819 | 2668920 | 43.57%  | 1.105% |
| 346    | 21.318 | 21.308 | 21.357 | VV  | 61660 | 1772265 | 28.93%  | 0.734% |
| 347    | 21.371 | 21.357 | 21.412 | VV  | 59052 | 1872079 | 30.56%  | 0.775% |
| 348    | 21.422 | 21.412 | 21.431 | VV  | 56939 | 673279  | 10.99%  | 0.279% |
| 349    | 21.489 | 21.431 | 21.548 | VV  | 59701 | 3934066 | 64.22%  | 1.628% |
| 350    | 21.570 | 21.548 | 21.581 | VBA | 53153 | 1151896 | 18.80%  | 0.477% |

Sum of corrected areas: 241612997

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