

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC122221AL\  
 Data File : FC057666.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Dec 2021 1:50  
 Sample : M5178-01MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 122221.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         | 2.037       | 2.005        | 2.075      | BV       | 38008          | 161066       | 1.17%          | 0.029%        |
| 2         | 2.096       | 2.075        | 2.115      | PV       | 1762           | 16778        | 0.12%          | 0.003%        |
| 3         | 2.125       | 2.115        | 2.147      | VV       | 665            | 5289         | 0.04%          | 0.001%        |
| 4         | 2.157       | 2.147        | 2.164      | VV       | 547            | 2700         | 0.02%          | 0.000%        |
| 5         | 2.185       | 2.164        | 2.232      | VV       | 280124         | 1887771      | 13.73%         | 0.336%        |
| 6         | 2.261       | 2.232        | 2.291      | PV       | 261958         | 2801757      | 20.37%         | 0.498%        |
| 7         | 2.306       | 2.291        | 2.325      | VV       | 1716           | 19736        | 0.14%          | 0.004%        |
| 8         | 2.337       | 2.325        | 2.368      | VV       | 3666           | 31294        | 0.23%          | 0.006%        |
| 9         | 2.386       | 2.368        | 2.393      | PV       | 270            | 2532         | 0.02%          | 0.000%        |
| 10        | 2.413       | 2.393        | 2.434      | VV       | 863            | 10559        | 0.08%          | 0.002%        |
| 11        | 2.457       | 2.434        | 2.497      | VV       | 12291          | 97090        | 0.71%          | 0.017%        |
| 12        | 2.518       | 2.497        | 2.531      | VV       | 537            | 5850         | 0.04%          | 0.001%        |
| 13        | 2.551       | 2.531        | 2.604      | VV       | 1555           | 34279        | 0.25%          | 0.006%        |
| 14        | 2.668       | 2.604        | 2.741      | PV       | 553263         | 4340496      | 31.56%         | 0.771%        |
| 15        | 2.748       | 2.741        | 2.761      | VV       | 206            | 2028         | 0.01%          | 0.000%        |
| 16        | 2.772       | 2.761        | 2.783      | VV       | 509            | 4875         | 0.04%          | 0.001%        |
| 17        | 2.796       | 2.783        | 2.823      | VV       | 463            | 7110         | 0.05%          | 0.001%        |
| 18        | 2.851       | 2.823        | 2.888      | VV       | 494            | 8864         | 0.06%          | 0.002%        |
| 19        | 2.942       | 2.888        | 2.978      | VV       | 2321           | 37412        | 0.27%          | 0.007%        |
| 20        | 3.017       | 2.978        | 3.035      | VV       | 1327           | 21065        | 0.15%          | 0.004%        |
| 21        | 3.049       | 3.035        | 3.072      | VV       | 460            | 5425         | 0.04%          | 0.001%        |
| 22        | 3.081       | 3.072        | 3.091      | VV       | 194            | 1908         | 0.01%          | 0.000%        |
| 23        | 3.109       | 3.091        | 3.119      | VV       | 930            | 8371         | 0.06%          | 0.001%        |
| 24        | 3.128       | 3.119        | 3.165      | VV       | 612            | 8944         | 0.07%          | 0.002%        |
| 25        | 3.206       | 3.165        | 3.240      | VV       | 899            | 14244        | 0.10%          | 0.003%        |
| 26        | 3.267       | 3.240        | 3.281      | PV       | 4097           | 31811        | 0.23%          | 0.006%        |
| 27        | 3.293       | 3.281        | 3.353      | VV       | 1661           | 25017        | 0.18%          | 0.004%        |
| 28        | 3.375       | 3.353        | 3.401      | VV       | 432            | 7044         | 0.05%          | 0.001%        |
| 29        | 3.447       | 3.401        | 3.538      | VV       | 3065           | 62637        | 0.46%          | 0.011%        |
| 30        | 3.548       | 3.538        | 3.571      | VV       | 157            | 1587         | 0.01%          | 0.000%        |
| 31        | 3.591       | 3.571        | 3.607      | PV       | 198            | 2404         | 0.02%          | 0.000%        |
| 32        | 3.624       | 3.607        | 3.640      | VV       | 185            | 2959         | 0.02%          | 0.001%        |
| 33        | 3.670       | 3.640        | 3.692      | VV       | 577464         | 4915036      | 35.74%         | 0.874%        |
| 34        | 3.715       | 3.692        | 3.747      | VV       | 605816         | 5208913      | 37.87%         | 0.926%        |
| 35        | 3.757       | 3.747        | 3.794      | VV       | 859            | 11057        | 0.08%          | 0.002%        |
| 36        | 3.815       | 3.794        | 3.847      | VV       | 1291           | 13263        | 0.10%          | 0.002%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 3.878 | 3.847 | 3.929 | VV | 4003   | 47771   | 0.35%  | 0.008% |
| 38 | 3.945 | 3.929 | 3.977 | VV | 584    | 7498    | 0.05%  | 0.001% |
| 39 | 3.991 | 3.977 | 4.019 | VV | 506    | 6525    | 0.05%  | 0.001% |
| 40 | 4.038 | 4.019 | 4.055 | VV | 724    | 9785    | 0.07%  | 0.002% |
| 41 | 4.075 | 4.055 | 4.092 | VV | 659    | 9778    | 0.07%  | 0.002% |
| 42 | 4.109 | 4.092 | 4.120 | VV | 441    | 5734    | 0.04%  | 0.001% |
| 43 | 4.134 | 4.120 | 4.171 | VV | 342    | 6046    | 0.04%  | 0.001% |
| 44 | 4.185 | 4.171 | 4.221 | VV | 352    | 6022    | 0.04%  | 0.001% |
| 45 | 4.258 | 4.221 | 4.268 | VV | 734    | 10828   | 0.08%  | 0.002% |
| 46 | 4.284 | 4.268 | 4.318 | VV | 1431   | 18984   | 0.14%  | 0.003% |
| 47 | 4.341 | 4.318 | 4.354 | VV | 774    | 8008    | 0.06%  | 0.001% |
| 48 | 4.368 | 4.354 | 4.408 | VV | 892    | 12014   | 0.09%  | 0.002% |
| 49 | 4.448 | 4.408 | 4.465 | PV | 463    | 10258   | 0.07%  | 0.002% |
| 50 | 4.500 | 4.465 | 4.528 | VV | 1053   | 16919   | 0.12%  | 0.003% |
| 51 | 4.574 | 4.528 | 4.610 | VV | 988    | 19882   | 0.14%  | 0.004% |
| 52 | 4.629 | 4.610 | 4.640 | PV | 289    | 2256    | 0.02%  | 0.000% |
| 53 | 4.679 | 4.640 | 4.699 | VV | 4073   | 44315   | 0.32%  | 0.008% |
| 54 | 4.719 | 4.699 | 4.765 | VV | 1357   | 28629   | 0.21%  | 0.005% |
| 55 | 4.780 | 4.765 | 4.808 | VV | 529    | 7213    | 0.05%  | 0.001% |
| 56 | 4.864 | 4.808 | 4.884 | PV | 983    | 15809   | 0.11%  | 0.003% |
| 57 | 4.901 | 4.884 | 4.916 | VV | 541    | 6455    | 0.05%  | 0.001% |
| 58 | 4.935 | 4.916 | 4.949 | VV | 860    | 10609   | 0.08%  | 0.002% |
| 59 | 4.976 | 4.949 | 5.033 | VV | 1326   | 31062   | 0.23%  | 0.006% |
| 60 | 5.051 | 5.033 | 5.071 | VV | 312    | 3973    | 0.03%  | 0.001% |
| 61 | 5.101 | 5.071 | 5.115 | VV | 200    | 3665    | 0.03%  | 0.001% |
| 62 | 5.128 | 5.115 | 5.148 | VV | 274    | 3029    | 0.02%  | 0.001% |
| 63 | 5.159 | 5.148 | 5.168 | VV | 298    | 2225    | 0.02%  | 0.000% |
| 64 | 5.221 | 5.168 | 5.251 | VV | 677695 | 6253262 | 45.47% | 1.111% |
| 65 | 5.266 | 5.251 | 5.300 | VV | 2199   | 35425   | 0.26%  | 0.006% |
| 66 | 5.314 | 5.300 | 5.338 | VV | 764    | 10037   | 0.07%  | 0.002% |
| 67 | 5.375 | 5.338 | 5.421 | VV | 1126   | 23929   | 0.17%  | 0.004% |
| 68 | 5.460 | 5.421 | 5.474 | VV | 482    | 10356   | 0.08%  | 0.002% |
| 69 | 5.495 | 5.474 | 5.535 | VV | 1176   | 19483   | 0.14%  | 0.003% |
| 70 | 5.542 | 5.535 | 5.560 | VV | 302    | 3949    | 0.03%  | 0.001% |
| 71 | 5.573 | 5.560 | 5.598 | VV | 505    | 8825    | 0.06%  | 0.002% |
| 72 | 5.605 | 5.598 | 5.618 | VV | 525    | 4682    | 0.03%  | 0.001% |
| 73 | 5.654 | 5.618 | 5.718 | VV | 566134 | 5505601 | 40.03% | 0.979% |
| 74 | 5.743 | 5.718 | 5.780 | VV | 463    | 11523   | 0.08%  | 0.002% |
| 75 | 5.799 | 5.780 | 5.821 | VV | 1106   | 13398   | 0.10%  | 0.002% |
| 76 | 5.843 | 5.821 | 5.885 | VV | 557    | 10085   | 0.07%  | 0.002% |
| 77 | 5.934 | 5.885 | 5.948 | PV | 1139   | 18333   | 0.13%  | 0.003% |
| 78 | 5.965 | 5.948 | 6.015 | VV | 1540   | 31797   | 0.23%  | 0.006% |
| 79 | 6.047 | 6.015 | 6.071 | VV | 775    | 15215   | 0.11%  | 0.003% |
| 80 | 6.078 | 6.071 | 6.095 | VV | 299    | 3311    | 0.02%  | 0.001% |
| 81 | 6.116 | 6.095 | 6.155 | VV | 3047   | 41515   | 0.30%  | 0.007% |
| 82 | 6.173 | 6.155 | 6.198 | VV | 3089   | 36360   | 0.26%  | 0.006% |
| 83 | 6.207 | 6.198 | 6.230 | VV | 811    | 10856   | 0.08%  | 0.002% |
| 84 | 6.269 | 6.230 | 6.334 | VV | 678707 | 6607588 | 48.04% | 1.174% |
| 85 | 6.354 | 6.334 | 6.377 | VV | 1878   | 27212   | 0.20%  | 0.005% |
| 86 | 6.400 | 6.377 | 6.425 | VV | 19877  | 194198  | 1.41%  | 0.035% |
| 87 | 6.445 | 6.425 | 6.505 | VV | 840    | 26579   | 0.19%  | 0.005% |
| 88 | 6.535 | 6.505 | 6.547 | VV | 465    | 7535    | 0.05%  | 0.001% |
| 89 | 6.572 | 6.547 | 6.601 | VV | 3142   | 36443   | 0.26%  | 0.006% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 6.643 | 6.601 | 6.672 | PV | 564    | 12170   | 0.09%  | 0.002% |
| 91  | 6.696 | 6.672 | 6.721 | VV | 451    | 8591    | 0.06%  | 0.002% |
| 92  | 6.743 | 6.721 | 6.773 | VV | 869    | 14515   | 0.11%  | 0.003% |
| 93  | 6.791 | 6.773 | 6.810 | VV | 392    | 5387    | 0.04%  | 0.001% |
| 94  | 6.881 | 6.810 | 6.952 | PV | 673346 | 6608446 | 48.05% | 1.175% |
| 95  | 6.988 | 6.952 | 7.010 | VV | 2711   | 41772   | 0.30%  | 0.007% |
| 96  | 7.021 | 7.010 | 7.062 | VV | 814    | 15032   | 0.11%  | 0.003% |
| 97  | 7.088 | 7.062 | 7.109 | VV | 924    | 11908   | 0.09%  | 0.002% |
| 98  | 7.141 | 7.109 | 7.182 | VV | 3208   | 51156   | 0.37%  | 0.009% |
| 99  | 7.193 | 7.182 | 7.205 | VV | 1030   | 11004   | 0.08%  | 0.002% |
| 100 | 7.255 | 7.205 | 7.292 | VV | 5152   | 113679  | 0.83%  | 0.020% |
| 101 | 7.358 | 7.292 | 7.374 | VV | 10335  | 127713  | 0.93%  | 0.023% |
| 102 | 7.386 | 7.374 | 7.403 | VV | 6496   | 64298   | 0.47%  | 0.011% |
| 103 | 7.446 | 7.403 | 7.488 | VV | 587712 | 6366250 | 46.29% | 1.132% |
| 104 | 7.544 | 7.488 | 7.578 | VV | 669290 | 6666378 | 48.47% | 1.185% |
| 105 | 7.594 | 7.578 | 7.610 | VV | 1195   | 14375   | 0.10%  | 0.003% |
| 106 | 7.631 | 7.610 | 7.657 | VV | 2785   | 29565   | 0.21%  | 0.005% |
| 107 | 7.680 | 7.657 | 7.696 | VV | 562    | 8193    | 0.06%  | 0.001% |
| 108 | 7.741 | 7.696 | 7.770 | VV | 450573 | 4566381 | 33.20% | 0.812% |
| 109 | 7.798 | 7.770 | 7.808 | VV | 1151   | 14597   | 0.11%  | 0.003% |
| 110 | 7.841 | 7.808 | 7.869 | VV | 704707 | 7225553 | 52.54% | 1.284% |
| 111 | 7.886 | 7.869 | 7.901 | VV | 2551   | 32934   | 0.24%  | 0.006% |
| 112 | 7.913 | 7.901 | 7.941 | VV | 1744   | 34232   | 0.25%  | 0.006% |
| 113 | 7.951 | 7.941 | 7.965 | VV | 1462   | 16626   | 0.12%  | 0.003% |
| 114 | 7.977 | 7.965 | 8.011 | VV | 1996   | 26899   | 0.20%  | 0.005% |
| 115 | 8.028 | 8.011 | 8.041 | VV | 760    | 7531    | 0.05%  | 0.001% |
| 116 | 8.076 | 8.041 | 8.089 | VV | 2249   | 34063   | 0.25%  | 0.006% |
| 117 | 8.107 | 8.089 | 8.135 | VV | 8001   | 83757   | 0.61%  | 0.015% |
| 118 | 8.149 | 8.135 | 8.158 | VV | 704    | 7442    | 0.05%  | 0.001% |
| 119 | 8.178 | 8.158 | 8.219 | VV | 1697   | 36474   | 0.27%  | 0.006% |
| 120 | 8.283 | 8.219 | 8.331 | VV | 4753   | 122314  | 0.89%  | 0.022% |
| 121 | 8.344 | 8.331 | 8.375 | VV | 692    | 8218    | 0.06%  | 0.001% |
| 122 | 8.401 | 8.375 | 8.417 | PV | 2496   | 29848   | 0.22%  | 0.005% |
| 123 | 8.432 | 8.417 | 8.451 | VV | 2146   | 22003   | 0.16%  | 0.004% |
| 124 | 8.485 | 8.451 | 8.504 | VV | 2110   | 32774   | 0.24%  | 0.006% |
| 125 | 8.515 | 8.504 | 8.521 | VV | 833    | 7412    | 0.05%  | 0.001% |
| 126 | 8.538 | 8.521 | 8.560 | VV | 2400   | 28913   | 0.21%  | 0.005% |
| 127 | 8.623 | 8.560 | 8.671 | VV | 702780 | 7446477 | 54.14% | 1.324% |
| 128 | 8.697 | 8.671 | 8.713 | VV | 3229   | 42189   | 0.31%  | 0.007% |
| 129 | 8.735 | 8.713 | 8.748 | VV | 1523   | 29286   | 0.21%  | 0.005% |
| 130 | 8.767 | 8.748 | 8.786 | VV | 3399   | 50460   | 0.37%  | 0.009% |
| 131 | 8.827 | 8.786 | 8.851 | VV | 8092   | 124663  | 0.91%  | 0.022% |
| 132 | 8.874 | 8.851 | 8.895 | VV | 1812   | 26011   | 0.19%  | 0.005% |
| 133 | 8.938 | 8.895 | 8.958 | VV | 2677   | 47984   | 0.35%  | 0.009% |
| 134 | 8.974 | 8.958 | 9.008 | VV | 1681   | 33262   | 0.24%  | 0.006% |
| 135 | 9.044 | 9.008 | 9.085 | VV | 635708 | 7085237 | 51.51% | 1.259% |
| 136 | 9.104 | 9.085 | 9.119 | VV | 885    | 13435   | 0.10%  | 0.002% |
| 137 | 9.140 | 9.119 | 9.173 | VV | 1513   | 23256   | 0.17%  | 0.004% |
| 138 | 9.203 | 9.173 | 9.257 | VV | 872    | 21225   | 0.15%  | 0.004% |
| 139 | 9.306 | 9.257 | 9.324 | PV | 1104   | 21647   | 0.16%  | 0.004% |
| 140 | 9.365 | 9.324 | 9.397 | VV | 1944   | 34203   | 0.25%  | 0.006% |
| 141 | 9.419 | 9.397 | 9.446 | VV | 1766   | 34947   | 0.25%  | 0.006% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 9.496  | 9.446  | 9.520  | VV | 5404   | 107988  | 0.79%  | 0.019% |
| 143 | 9.536  | 9.520  | 9.590  | VV | 3121   | 57016   | 0.41%  | 0.010% |
| 144 | 9.616  | 9.590  | 9.648  | VV | 3120   | 52366   | 0.38%  | 0.009% |
| 145 | 9.662  | 9.648  | 9.702  | VV | 2304   | 45562   | 0.33%  | 0.008% |
| 146 | 9.712  | 9.702  | 9.726  | VV | 874    | 10519   | 0.08%  | 0.002% |
| 147 | 9.752  | 9.726  | 9.760  | VV | 1372   | 18932   | 0.14%  | 0.003% |
| 148 | 9.807  | 9.760  | 9.837  | VV | 17112  | 316665  | 2.30%  | 0.056% |
| 149 | 9.848  | 9.837  | 9.958  | VV | 2447   | 78139   | 0.57%  | 0.014% |
| 150 | 10.022 | 9.958  | 10.065 | PV | 725717 | 8160634 | 59.33% | 1.450% |
| 151 | 10.098 | 10.065 | 10.135 | VV | 686320 | 7373829 | 53.61% | 1.311% |
| 152 | 10.167 | 10.135 | 10.181 | VV | 2961   | 44224   | 0.32%  | 0.008% |
| 153 | 10.195 | 10.181 | 10.218 | VV | 2494   | 32182   | 0.23%  | 0.006% |
| 154 | 10.231 | 10.218 | 10.268 | VV | 1923   | 34250   | 0.25%  | 0.006% |
| 155 | 10.304 | 10.268 | 10.324 | PV | 6331   | 83737   | 0.61%  | 0.015% |
| 156 | 10.335 | 10.324 | 10.355 | VV | 1981   | 27201   | 0.20%  | 0.005% |
| 157 | 10.364 | 10.355 | 10.385 | VV | 1146   | 11439   | 0.08%  | 0.002% |
| 158 | 10.410 | 10.385 | 10.422 | VV | 2036   | 28710   | 0.21%  | 0.005% |
| 159 | 10.440 | 10.422 | 10.450 | VV | 2359   | 31140   | 0.23%  | 0.006% |
| 160 | 10.485 | 10.450 | 10.516 | VV | 608060 | 7220931 | 52.50% | 1.283% |
| 161 | 10.536 | 10.516 | 10.545 | VV | 3959   | 48787   | 0.35%  | 0.009% |
| 162 | 10.557 | 10.545 | 10.591 | VV | 4616   | 74452   | 0.54%  | 0.013% |
| 163 | 10.613 | 10.591 | 10.624 | VV | 1758   | 24063   | 0.17%  | 0.004% |
| 164 | 10.636 | 10.624 | 10.650 | VV | 2094   | 24342   | 0.18%  | 0.004% |
| 165 | 10.667 | 10.650 | 10.691 | VV | 3468   | 41672   | 0.30%  | 0.007% |
| 166 | 10.710 | 10.691 | 10.724 | VV | 740    | 9223    | 0.07%  | 0.002% |
| 167 | 10.736 | 10.724 | 10.755 | VV | 1131   | 12138   | 0.09%  | 0.002% |
| 168 | 10.793 | 10.755 | 10.831 | VV | 483577 | 5576733 | 40.55% | 0.991% |
| 169 | 10.847 | 10.831 | 10.872 | VV | 13496  | 157961  | 1.15%  | 0.028% |
| 170 | 10.881 | 10.872 | 10.893 | VV | 896    | 8128    | 0.06%  | 0.001% |
| 171 | 10.929 | 10.893 | 10.948 | VV | 16682  | 251420  | 1.83%  | 0.045% |
| 172 | 10.964 | 10.948 | 10.979 | VV | 10090  | 119932  | 0.87%  | 0.021% |
| 173 | 10.995 | 10.979 | 11.019 | VV | 10092  | 121736  | 0.89%  | 0.022% |
| 174 | 11.035 | 11.019 | 11.059 | VV | 646    | 8818    | 0.06%  | 0.002% |
| 175 | 11.083 | 11.059 | 11.098 | PV | 1657   | 18735   | 0.14%  | 0.003% |
| 176 | 11.155 | 11.098 | 11.187 | VV | 3368   | 97054   | 0.71%  | 0.017% |
| 177 | 11.241 | 11.187 | 11.267 | VV | 7078   | 146244  | 1.06%  | 0.026% |
| 178 | 11.288 | 11.267 | 11.328 | VV | 7428   | 107900  | 0.78%  | 0.019% |
| 179 | 11.350 | 11.328 | 11.370 | PV | 2207   | 35293   | 0.26%  | 0.006% |
| 180 | 11.398 | 11.370 | 11.426 | VV | 33545  | 411175  | 2.99%  | 0.073% |
| 181 | 11.436 | 11.426 | 11.478 | VV | 2569   | 58786   | 0.43%  | 0.010% |
| 182 | 11.494 | 11.478 | 11.521 | VV | 2482   | 42048   | 0.31%  | 0.007% |
| 183 | 11.537 | 11.521 | 11.551 | VV | 2496   | 34284   | 0.25%  | 0.006% |
| 184 | 11.562 | 11.551 | 11.586 | VV | 2828   | 41806   | 0.30%  | 0.007% |
| 185 | 11.607 | 11.586 | 11.638 | VV | 5999   | 99828   | 0.73%  | 0.018% |
| 186 | 11.658 | 11.638 | 11.675 | VV | 2350   | 34677   | 0.25%  | 0.006% |
| 187 | 11.685 | 11.675 | 11.693 | VV | 2095   | 20347   | 0.15%  | 0.004% |
| 188 | 11.717 | 11.693 | 11.737 | VV | 8437   | 127756  | 0.93%  | 0.023% |
| 189 | 11.795 | 11.737 | 11.813 | VV | 610018 | 7289948 | 53.00% | 1.296% |
| 190 | 11.839 | 11.813 | 11.869 | VV | 655762 | 7980244 | 58.02% | 1.418% |
| 191 | 11.890 | 11.869 | 11.915 | VV | 4652   | 75278   | 0.55%  | 0.013% |
| 192 | 11.934 | 11.915 | 11.948 | VV | 2791   | 41943   | 0.30%  | 0.007% |
| 193 | 11.966 | 11.948 | 11.983 | VV | 4043   | 53620   | 0.39%  | 0.010% |
| 194 | 12.014 | 11.983 | 12.062 | VV | 13205  | 258838  | 1.88%  | 0.046% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 12.081 | 12.062 | 12.098 | VV | 3731   | 65832   | 0.48%  | 0.012% |
| 196 | 12.135 | 12.098 | 12.162 | VV | 612058 | 7725006 | 56.17% | 1.373% |
| 197 | 12.184 | 12.162 | 12.200 | VV | 17877  | 217841  | 1.58%  | 0.039% |
| 198 | 12.234 | 12.200 | 12.268 | VV | 361907 | 4577854 | 33.28% | 0.814% |
| 199 | 12.305 | 12.268 | 12.361 | VV | 6016   | 215583  | 1.57%  | 0.038% |
| 200 | 12.406 | 12.361 | 12.448 | VV | 577666 | 7354843 | 53.48% | 1.307% |
| 201 | 12.465 | 12.448 | 12.507 | VV | 8021   | 186434  | 1.36%  | 0.033% |
| 202 | 12.525 | 12.507 | 12.538 | VV | 5568   | 82776   | 0.60%  | 0.015% |
| 203 | 12.555 | 12.538 | 12.566 | VV | 5615   | 77749   | 0.57%  | 0.014% |
| 204 | 12.585 | 12.566 | 12.606 | VV | 8178   | 134486  | 0.98%  | 0.024% |
| 205 | 12.628 | 12.606 | 12.658 | VV | 10650  | 198499  | 1.44%  | 0.035% |
| 206 | 12.715 | 12.658 | 12.747 | VV | 21714  | 454089  | 3.30%  | 0.081% |
| 207 | 12.766 | 12.747 | 12.775 | VV | 4739   | 67860   | 0.49%  | 0.012% |
| 208 | 12.786 | 12.775 | 12.795 | VV | 4883   | 54611   | 0.40%  | 0.010% |
| 209 | 12.822 | 12.795 | 12.844 | VV | 21707  | 334078  | 2.43%  | 0.059% |
| 210 | 12.861 | 12.844 | 12.881 | VV | 10581  | 167643  | 1.22%  | 0.030% |
| 211 | 12.905 | 12.881 | 12.948 | VV | 7816   | 242921  | 1.77%  | 0.043% |
| 212 | 12.992 | 12.948 | 13.020 | VV | 568504 | 7344210 | 53.40% | 1.305% |
| 213 | 13.029 | 13.020 | 13.056 | VV | 11093  | 163079  | 1.19%  | 0.029% |
| 214 | 13.112 | 13.056 | 13.120 | VV | 5440   | 192435  | 1.40%  | 0.034% |
| 215 | 13.141 | 13.120 | 13.165 | VV | 5483   | 136649  | 0.99%  | 0.024% |
| 216 | 13.188 | 13.165 | 13.231 | VV | 6158   | 220959  | 1.61%  | 0.039% |
| 217 | 13.245 | 13.231 | 13.271 | VV | 5670   | 120630  | 0.88%  | 0.021% |
| 218 | 13.307 | 13.271 | 13.318 | VV | 6171   | 152663  | 1.11%  | 0.027% |
| 219 | 13.338 | 13.318 | 13.354 | VV | 6054   | 116183  | 0.84%  | 0.021% |
| 220 | 13.404 | 13.354 | 13.435 | VV | 29076  | 599101  | 4.36%  | 0.106% |
| 221 | 13.441 | 13.435 | 13.464 | VV | 9891   | 147193  | 1.07%  | 0.026% |
| 222 | 13.484 | 13.464 | 13.508 | VV | 10111  | 203406  | 1.48%  | 0.036% |
| 223 | 13.550 | 13.508 | 13.579 | VV | 11885  | 361801  | 2.63%  | 0.064% |
| 224 | 13.626 | 13.579 | 13.666 | VV | 14954  | 504781  | 3.67%  | 0.090% |
| 225 | 13.688 | 13.666 | 13.715 | VV | 18797  | 341678  | 2.48%  | 0.061% |
| 226 | 13.744 | 13.715 | 13.774 | VV | 11121  | 323355  | 2.35%  | 0.057% |
| 227 | 13.796 | 13.774 | 13.837 | VV | 11525  | 360693  | 2.62%  | 0.064% |
| 228 | 13.867 | 13.837 | 13.914 | VV | 9553   | 402439  | 2.93%  | 0.072% |
| 229 | 13.951 | 13.914 | 13.964 | VV | 11429  | 290824  | 2.11%  | 0.052% |
| 230 | 14.012 | 13.964 | 14.031 | VV | 482198 | 6979652 | 50.75% | 1.241% |
| 231 | 14.056 | 14.031 | 14.072 | VV | 535848 | 6665620 | 48.46% | 1.185% |
| 232 | 14.094 | 14.072 | 14.125 | VV | 565018 | 7112793 | 51.72% | 1.264% |
| 233 | 14.163 | 14.125 | 14.185 | VV | 23434  | 543788  | 3.95%  | 0.097% |
| 234 | 14.240 | 14.185 | 14.261 | VV | 14141  | 535787  | 3.90%  | 0.095% |
| 235 | 14.310 | 14.261 | 14.365 | VV | 13245  | 715388  | 5.20%  | 0.127% |
| 236 | 14.384 | 14.365 | 14.395 | VV | 12679  | 210220  | 1.53%  | 0.037% |
| 237 | 14.411 | 14.395 | 14.428 | VV | 12401  | 231152  | 1.68%  | 0.041% |
| 238 | 14.443 | 14.428 | 14.455 | VV | 13325  | 201051  | 1.46%  | 0.036% |
| 239 | 14.486 | 14.455 | 14.566 | VV | 36105  | 1261470 | 9.17%  | 0.224% |
| 240 | 14.609 | 14.566 | 14.643 | VV | 17191  | 651400  | 4.74%  | 0.116% |
| 241 | 14.672 | 14.643 | 14.694 | VV | 24087  | 523272  | 3.80%  | 0.093% |
| 242 | 14.710 | 14.694 | 14.739 | VV | 15980  | 418523  | 3.04%  | 0.074% |
| 243 | 14.754 | 14.739 | 14.778 | VV | 14622  | 323958  | 2.36%  | 0.058% |
| 244 | 14.826 | 14.778 | 14.887 | VV | 22090  | 1157560 | 8.42%  | 0.206% |
| 245 | 14.914 | 14.887 | 14.942 | VV | 19278  | 546361  | 3.97%  | 0.097% |
| 246 | 14.961 | 14.942 | 14.978 | VV | 17515  | 361736  | 2.63%  | 0.064% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 247    | 15.000 | 14.978 | 15.029 | VV | 19349  | 551729   | 4.01%   | 0.098% |
| 248    | 15.036 | 15.029 | 15.058 | VV | 18100  | 308929   | 2.25%   | 0.055% |
| 249    | 15.116 | 15.058 | 15.153 | VV | 492290 | 7605963  | 55.30%  | 1.352% |
| 250    | 15.170 | 15.153 | 15.247 | VV | 20165  | 1048362  | 7.62%   | 0.186% |
|        |        |        |        |    |        |          |         |        |
| 251    | 15.287 | 15.247 | 15.331 | VV | 23517  | 1059930  | 7.71%   | 0.188% |
| 252    | 15.346 | 15.331 | 15.358 | VV | 22285  | 355855   | 2.59%   | 0.063% |
| 253    | 15.389 | 15.358 | 15.428 | VV | 25318  | 1008675  | 7.33%   | 0.179% |
| 254    | 15.493 | 15.428 | 15.519 | VV | 27099  | 1345330  | 9.78%   | 0.239% |
| 255    | 15.568 | 15.519 | 15.583 | VV | 393363 | 7066905  | 51.38%  | 1.256% |
|        |        |        |        |    |        |          |         |        |
| 256    | 15.602 | 15.583 | 15.638 | VV | 483995 | 6271253  | 45.60%  | 1.115% |
| 257    | 15.689 | 15.638 | 15.710 | VV | 35331  | 1285824  | 9.35%   | 0.229% |
| 258    | 15.743 | 15.710 | 15.764 | VV | 32072  | 993959   | 7.23%   | 0.177% |
| 259    | 16.804 | 15.764 | 15.825 | VV | 32654  | 1109389  | 8.07%   | 0.197% |
| 260    | 15.876 | 15.825 | 15.903 | VV | 54089  | 1812362  | 13.18%  | 0.322% |
|        |        |        |        |    |        |          |         |        |
| 261    | 15.945 | 15.903 | 15.974 | VV | 417556 | 6486388  | 47.16%  | 1.153% |
| 262    | 16.066 | 15.974 | 16.101 | VV | 480600 | 9249284  | 67.25%  | 1.644% |
| 263    | 16.107 | 16.101 | 16.159 | VV | 43148  | 1317359  | 9.58%   | 0.234% |
| 264    | 16.180 | 16.159 | 16.201 | VV | 40041  | 958708   | 6.97%   | 0.170% |
| 265    | 16.292 | 16.201 | 16.328 | VV | 49928  | 3191933  | 23.21%  | 0.567% |
|        |        |        |        |    |        |          |         |        |
| 266    | 16.356 | 16.328 | 16.413 | VV | 46390  | 2216604  | 16.12%  | 0.394% |
| 267    | 16.460 | 16.413 | 16.490 | VV | 54252  | 2139775  | 15.56%  | 0.380% |
| 268    | 16.517 | 16.490 | 16.564 | VV | 51921  | 2036587  | 14.81%  | 0.362% |
| 269    | 16.606 | 16.564 | 16.655 | VV | 50294  | 2536522  | 18.44%  | 0.451% |
| 270    | 16.670 | 16.655 | 16.691 | VV | 49986  | 1014711  | 7.38%   | 0.180% |
|        |        |        |        |    |        |          |         |        |
| 271    | 16.705 | 16.691 | 16.721 | VV | 46683  | 820988   | 5.97%   | 0.146% |
| 272    | 16.734 | 16.721 | 16.755 | VV | 46029  | 896899   | 6.52%   | 0.159% |
| 273    | 16.790 | 16.755 | 16.814 | VV | 47151  | 1621246  | 11.79%  | 0.288% |
| 274    | 16.843 | 16.814 | 16.880 | VV | 53791  | 2028184  | 14.75%  | 0.360% |
| 275    | 16.955 | 16.880 | 16.999 | VV | 485965 | 9697272  | 70.51%  | 1.724% |
|        |        |        |        |    |        |          |         |        |
| 276    | 17.077 | 16.999 | 17.145 | VV | 73102  | 5147641  | 37.43%  | 0.915% |
| 277    | 17.164 | 17.145 | 17.190 | VV | 56465  | 1474765  | 10.72%  | 0.262% |
| 278    | 17.214 | 17.190 | 17.233 | VV | 61429  | 1484650  | 10.79%  | 0.264% |
| 279    | 17.250 | 17.233 | 17.268 | VV | 61128  | 1238742  | 9.01%   | 0.220% |
| 280    | 17.317 | 17.268 | 17.333 | VV | 390716 | 7364785  | 53.55%  | 1.309% |
|        |        |        |        |    |        |          |         |        |
| 281    | 17.357 | 17.333 | 17.408 | VV | 436808 | 7782479  | 56.58%  | 1.383% |
| 282    | 17.447 | 17.408 | 17.528 | VV | 83174  | 4868636  | 35.40%  | 0.865% |
| 283    | 17.574 | 17.528 | 17.615 | VV | 396303 | 8116683  | 59.01%  | 1.443% |
| 284    | 17.685 | 17.615 | 17.708 | VV | 71982  | 3740619  | 27.20%  | 0.665% |
| 285    | 17.786 | 17.708 | 17.832 | VV | 441319 | 10539534 | 76.63%  | 1.873% |
|        |        |        |        |    |        |          |         |        |
| 286    | 17.872 | 17.832 | 17.898 | VV | 82824  | 2943175  | 21.40%  | 0.523% |
| 287    | 17.920 | 17.898 | 17.958 | VV | 82589  | 2744457  | 19.95%  | 0.488% |
| 288    | 17.970 | 17.958 | 17.981 | VV | 74212  | 1009001  | 7.34%   | 0.179% |
| 289    | 18.057 | 17.981 | 18.075 | VV | 78287  | 4150538  | 30.18%  | 0.738% |
| 290    | 18.185 | 18.075 | 18.246 | VV | 88271  | 8083878  | 58.78%  | 1.437% |
|        |        |        |        |    |        |          |         |        |
| 291    | 18.269 | 18.246 | 18.290 | VV | 85284  | 2116645  | 15.39%  | 0.376% |
| 292    | 18.311 | 18.290 | 18.331 | VV | 77966  | 1929441  | 14.03%  | 0.343% |
| 293    | 18.369 | 18.331 | 18.381 | VV | 82507  | 2396621  | 17.43%  | 0.426% |
| 294    | 18.399 | 18.381 | 18.409 | VV | 85313  | 1364043  | 9.92%   | 0.242% |
| 295    | 18.425 | 18.409 | 18.438 | VV | 83660  | 1410587  | 10.26%  | 0.251% |
|        |        |        |        |    |        |          |         |        |
| 296    | 18.449 | 18.438 | 18.471 | VV | 85109  | 1647706  | 11.98%  | 0.293% |
| 297    | 18.570 | 18.471 | 18.645 | VV | 429485 | 13753743 | 100.00% | 2.445% |
| 298    | 18.675 | 18.645 | 18.695 | VV | 96093  | 2691583  | 19.57%  | 0.478% |
| 299    | 18.715 | 18.695 | 18.741 | VV | 97915  | 2587286  | 18.81%  | 0.460% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 300 | 18.780 | 18.741 | 18.790 | VV | 97060  | 2771227  | 20.15% | 0.493% |
| 301 | 18.812 | 18.790 | 18.842 | VV | 100016 | 3069771  | 22.32% | 0.546% |
| 302 | 18.860 | 18.842 | 18.878 | VV | 98544  | 2059359  | 14.97% | 0.366% |
| 303 | 18.895 | 18.878 | 18.915 | VV | 101276 | 2146131  | 15.60% | 0.381% |
| 304 | 18.943 | 18.915 | 18.963 | VV | 105006 | 2935938  | 21.35% | 0.522% |
| 305 | 18.982 | 18.963 | 19.013 | VV | 105270 | 3049673  | 22.17% | 0.542% |
| 306 | 19.084 | 19.013 | 19.118 | VV | 116397 | 6696113  | 48.69% | 1.190% |
| 307 | 19.137 | 19.118 | 19.147 | VV | 111096 | 1848964  | 13.44% | 0.329% |
| 308 | 19.196 | 19.147 | 19.218 | VV | 112579 | 4611919  | 33.53% | 0.820% |
| 309 | 19.226 | 19.218 | 19.242 | VV | 109763 | 1568769  | 11.41% | 0.279% |
| 310 | 19.310 | 19.242 | 19.355 | VV | 411116 | 11664392 | 84.81% | 2.073% |
| 311 | 19.365 | 19.355 | 19.385 | VV | 120761 | 2109599  | 15.34% | 0.375% |
| 312 | 19.458 | 19.385 | 19.481 | VV | 119411 | 6694406  | 48.67% | 1.190% |
| 313 | 19.502 | 19.481 | 19.538 | VV | 122943 | 4097381  | 29.79% | 0.728% |
| 314 | 19.546 | 19.538 | 19.568 | VV | 121117 | 2151852  | 15.65% | 0.382% |
| 315 | 19.584 | 19.568 | 19.595 | VV | 120802 | 1934706  | 14.07% | 0.344% |
| 316 | 19.619 | 19.595 | 19.635 | VV | 121033 | 2817576  | 20.49% | 0.501% |
| 317 | 19.662 | 19.635 | 19.676 | VV | 126783 | 3022167  | 21.97% | 0.537% |
| 318 | 19.685 | 19.676 | 19.710 | VV | 124999 | 2520867  | 18.33% | 0.448% |
| 319 | 19.741 | 19.710 | 19.761 | VV | 127830 | 3875383  | 28.18% | 0.689% |
| 320 | 19.784 | 19.761 | 19.802 | VV | 127743 | 2999504  | 21.81% | 0.533% |
| 321 | 19.808 | 19.802 | 19.827 | VV | 125180 | 1822097  | 13.25% | 0.324% |
| 322 | 19.840 | 19.827 | 19.857 | VV | 126212 | 2252051  | 16.37% | 0.400% |
| 323 | 19.877 | 19.857 | 19.928 | VV | 125119 | 5146645  | 37.42% | 0.915% |
| 324 | 19.937 | 19.928 | 19.968 | VV | 117279 | 2700385  | 19.63% | 0.480% |
| 325 | 20.032 | 19.968 | 20.071 | VV | 338849 | 10902247 | 79.27% | 1.938% |
| 326 | 20.107 | 20.071 | 20.196 | VV | 120535 | 8661571  | 62.98% | 1.540% |
| 327 | 20.208 | 20.196 | 20.240 | VV | 110342 | 2789303  | 20.28% | 0.496% |
| 328 | 20.252 | 20.240 | 20.267 | VV | 103328 | 1614469  | 11.74% | 0.287% |
| 329 | 20.277 | 20.267 | 20.300 | VV | 103521 | 1999529  | 14.54% | 0.355% |
| 330 | 20.345 | 20.300 | 20.401 | VV | 103487 | 6143902  | 44.67% | 1.092% |
| 331 | 20.429 | 20.401 | 20.604 | VV | 105849 | 11799420 | 85.79% | 2.097% |
| 332 | 20.634 | 20.604 | 20.646 | VV | 92124  | 2274148  | 16.53% | 0.404% |
| 333 | 20.652 | 20.646 | 20.658 | VV | 91452  | 642045   | 4.67%  | 0.114% |
| 334 | 20.710 | 20.658 | 20.739 | VV | 96010  | 4467549  | 32.48% | 0.794% |
| 335 | 20.745 | 20.739 | 20.831 | VV | 93330  | 4894853  | 35.59% | 0.870% |
| 336 | 20.837 | 20.831 | 20.850 | VV | 84273  | 959132   | 6.97%  | 0.170% |
| 337 | 20.907 | 20.850 | 20.969 | VV | 246469 | 9484886  | 68.96% | 1.686% |
| 338 | 20.994 | 20.969 | 21.024 | VV | 77916  | 2498184  | 18.16% | 0.444% |
| 339 | 21.039 | 21.024 | 21.047 | VV | 77584  | 1083813  | 7.88%  | 0.193% |
| 340 | 21.057 | 21.047 | 21.088 | VV | 79388  | 1903206  | 13.84% | 0.338% |
| 341 | 21.143 | 21.088 | 21.180 | VV | 85025  | 4428955  | 32.20% | 0.787% |
| 342 | 21.196 | 21.180 | 21.246 | VV | 78944  | 2976323  | 21.64% | 0.529% |
| 343 | 21.256 | 21.246 | 21.268 | VV | 73222  | 940932   | 6.84%  | 0.167% |
| 344 | 21.278 | 21.268 | 21.335 | VV | 74055  | 2728034  | 19.83% | 0.485% |
| 345 | 21.343 | 21.335 | 21.356 | VV | 66566  | 845915   | 6.15%  | 0.150% |
| 346 | 21.369 | 21.356 | 21.408 | VV | 65359  | 1953605  | 14.20% | 0.347% |
| 347 | 21.439 | 21.408 | 21.449 | VV | 65384  | 1564733  | 11.38% | 0.278% |
| 348 | 21.454 | 21.449 | 21.468 | VV | 64703  | 724145   | 5.27%  | 0.129% |
| 349 | 21.505 | 21.468 | 21.517 | VV | 65963  | 1872647  | 13.62% | 0.333% |
| 350 | 21.531 | 21.517 | 21.543 | VV | 67059  | 1023249  | 7.44%  | 0.182% |
| 351 | 21.578 | 21.543 | 21.625 | VV | 71329  | 3318494  | 24.13% | 0.590% |

352 21.637 21.625 21.801 VBA 68134 6473806 47.07% 1.151%  
rteres  
Sum of corrected areas: 562615372

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