

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081822AL\  
Data File : FD043669.D  
Signal(s) : FID2B.ch  
Acq On : 19 Aug 2022 01:54  
Sample : N4242-01  
Misc :  
ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072522.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         | 3.305       | 3.254        | 3.343      | BV       | 158            | 4005         | 0.04%          | 0.002%        |
| 2         | 3.354       | 3.343        | 3.404      | VV       | 150            | 4302         | 0.04%          | 0.002%        |
| 3         | 3.419       | 3.404        | 3.438      | VV       | 238            | 3918         | 0.04%          | 0.002%        |
| 4         | 3.452       | 3.438        | 3.471      | VV       | 249            | 3710         | 0.03%          | 0.002%        |
| 5         | 3.488       | 3.471        | 3.504      | VV       | 201            | 2964         | 0.03%          | 0.001%        |
| 6         | 3.510       | 3.504        | 3.528      | VV       | 145            | 965          | 0.01%          | 0.000%        |
| 7         | 3.553       | 3.528        | 3.560      | PV       | 199            | 2396         | 0.02%          | 0.001%        |
| 8         | 3.614       | 3.560        | 3.625      | VV       | 297            | 8320         | 0.07%          | 0.004%        |
| 9         | 3.687       | 3.625        | 3.708      | VV       | 492            | 13937        | 0.13%          | 0.006%        |
| 10        | 3.746       | 3.708        | 3.809      | VV       | 359            | 16786        | 0.15%          | 0.007%        |
| 11        | 3.820       | 3.809        | 3.831      | VV       | 370            | 4140         | 0.04%          | 0.002%        |
| 12        | 3.840       | 3.831        | 3.859      | VV       | 318            | 4226         | 0.04%          | 0.002%        |
| 13        | 3.885       | 3.859        | 3.941      | VV       | 566            | 16798        | 0.15%          | 0.007%        |
| 14        | 3.988       | 3.941        | 4.044      | VV       | 780            | 23762        | 0.21%          | 0.010%        |
| 15        | 4.052       | 4.044        | 4.078      | VV       | 282            | 4067         | 0.04%          | 0.002%        |
| 16        | 4.109       | 4.078        | 4.138      | VV       | 1020           | 18612        | 0.17%          | 0.008%        |
| 17        | 4.150       | 4.138        | 4.205      | VV       | 667            | 17076        | 0.15%          | 0.007%        |
| 18        | 4.216       | 4.205        | 4.240      | VV       | 289            | 5379         | 0.05%          | 0.002%        |
| 19        | 4.248       | 4.240        | 4.264      | VV       | 301            | 3192         | 0.03%          | 0.001%        |
| 20        | 4.279       | 4.264        | 4.303      | VV       | 300            | 4600         | 0.04%          | 0.002%        |
| 21        | 4.313       | 4.303        | 4.352      | VV       | 237            | 5048         | 0.05%          | 0.002%        |
| 22        | 4.368       | 4.352        | 4.381      | VV       | 380            | 4062         | 0.04%          | 0.002%        |
| 23        | 4.407       | 4.381        | 4.444      | VV       | 298            | 9227         | 0.08%          | 0.004%        |
| 24        | 4.465       | 4.444        | 4.481      | VV       | 348            | 5690         | 0.05%          | 0.002%        |
| 25        | 4.512       | 4.481        | 4.550      | VV       | 660            | 13658        | 0.12%          | 0.006%        |
| 26        | 4.578       | 4.550        | 4.604      | VV       | 1161           | 17305        | 0.16%          | 0.007%        |
| 27        | 4.618       | 4.604        | 4.632      | VV       | 357            | 5342         | 0.05%          | 0.002%        |
| 28        | 4.647       | 4.632        | 4.681      | VV       | 389            | 6941         | 0.06%          | 0.003%        |
| 29        | 4.699       | 4.681        | 4.721      | VV       | 311            | 5909         | 0.05%          | 0.002%        |
| 30        | 4.732       | 4.721        | 4.754      | VV       | 338            | 5496         | 0.05%          | 0.002%        |
| 31        | 4.767       | 4.754        | 4.801      | VV       | 312            | 6073         | 0.05%          | 0.003%        |
| 32        | 4.816       | 4.801        | 4.828      | VV       | 321            | 4547         | 0.04%          | 0.002%        |
| 33        | 4.840       | 4.828        | 4.864      | VV       | 308            | 4449         | 0.04%          | 0.002%        |
| 34        | 4.872       | 4.864        | 4.907      | VV       | 191            | 2714         | 0.02%          | 0.001%        |
| 35        | 4.928       | 4.907        | 4.941      | PV       | 226            | 2279         | 0.02%          | 0.001%        |
| 36        | 4.984       | 4.941        | 4.994      | VV       | 314            | 5739         | 0.05%          | 0.002%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 37 | 5.005 | 4.994 | 5.028 | VV | 305    | 4007   | 0.04% | 0.002% |
| 38 | 5.053 | 5.028 | 5.068 | VV | 283    | 5562   | 0.05% | 0.002% |
| 39 | 5.082 | 5.068 | 5.148 | VV | 320    | 9791   | 0.09% | 0.004% |
| 40 | 5.169 | 5.148 | 5.204 | VV | 446    | 9206   | 0.08% | 0.004% |
| 41 | 5.220 | 5.204 | 5.308 | VV | 741    | 19190  | 0.17% | 0.008% |
| 42 | 5.315 | 5.308 | 5.333 | VV | 312    | 3142   | 0.03% | 0.001% |
| 43 | 5.344 | 5.333 | 5.361 | VV | 411    | 4132   | 0.04% | 0.002% |
| 44 | 5.376 | 5.361 | 5.387 | VV | 210    | 2744   | 0.02% | 0.001% |
| 45 | 5.402 | 5.387 | 5.417 | VV | 710    | 7318   | 0.07% | 0.003% |
| 46 | 5.445 | 5.417 | 5.489 | VV | 1360   | 24012  | 0.22% | 0.010% |
| 47 | 5.511 | 5.489 | 5.541 | VV | 299    | 6001   | 0.05% | 0.003% |
| 48 | 5.581 | 5.541 | 5.601 | VV | 503    | 9378   | 0.08% | 0.004% |
| 49 | 5.618 | 5.601 | 5.643 | VV | 193    | 3535   | 0.03% | 0.001% |
| 50 | 5.665 | 5.643 | 5.678 | VV | 586    | 9039   | 0.08% | 0.004% |
| 51 | 5.699 | 5.678 | 5.721 | VV | 930    | 16134  | 0.15% | 0.007% |
| 52 | 5.731 | 5.721 | 5.764 | VV | 528    | 8999   | 0.08% | 0.004% |
| 53 | 5.771 | 5.764 | 5.781 | VV | 349    | 2485   | 0.02% | 0.001% |
| 54 | 5.792 | 5.781 | 5.797 | VV | 242    | 1863   | 0.02% | 0.001% |
| 55 | 5.805 | 5.797 | 5.831 | VV | 310    | 4224   | 0.04% | 0.002% |
| 56 | 5.857 | 5.831 | 5.873 | VV | 320    | 6362   | 0.06% | 0.003% |
| 57 | 5.908 | 5.873 | 5.918 | VV | 352    | 6316   | 0.06% | 0.003% |
| 58 | 5.947 | 5.918 | 6.014 | VV | 5791   | 75544  | 0.68% | 0.032% |
| 59 | 6.038 | 6.014 | 6.067 | VV | 437    | 9151   | 0.08% | 0.004% |
| 60 | 6.099 | 6.067 | 6.115 | VV | 421    | 8319   | 0.07% | 0.004% |
| 61 | 6.127 | 6.115 | 6.139 | VV | 313    | 3579   | 0.03% | 0.002% |
| 62 | 6.189 | 6.139 | 6.208 | VV | 364    | 9693   | 0.09% | 0.004% |
| 63 | 6.223 | 6.208 | 6.252 | VV | 583    | 10227  | 0.09% | 0.004% |
| 64 | 6.267 | 6.252 | 6.294 | VV | 446    | 8122   | 0.07% | 0.003% |
| 65 | 6.308 | 6.294 | 6.321 | VV | 366    | 5296   | 0.05% | 0.002% |
| 66 | 6.330 | 6.321 | 6.364 | VV | 428    | 8499   | 0.08% | 0.004% |
| 67 | 6.380 | 6.364 | 6.434 | VV | 678    | 14664  | 0.13% | 0.006% |
| 68 | 6.452 | 6.434 | 6.478 | VV | 293    | 5031   | 0.05% | 0.002% |
| 69 | 6.531 | 6.478 | 6.548 | VV | 372    | 6888   | 0.06% | 0.003% |
| 70 | 6.574 | 6.548 | 6.610 | VV | 331    | 7139   | 0.06% | 0.003% |
| 71 | 6.655 | 6.610 | 6.674 | PV | 328    | 6763   | 0.06% | 0.003% |
| 72 | 6.698 | 6.674 | 6.731 | VV | 543    | 11823  | 0.11% | 0.005% |
| 73 | 6.753 | 6.731 | 6.764 | VV | 417    | 5760   | 0.05% | 0.002% |
| 74 | 6.779 | 6.764 | 6.796 | VV | 568    | 7350   | 0.07% | 0.003% |
| 75 | 6.812 | 6.796 | 6.824 | VV | 425    | 4637   | 0.04% | 0.002% |
| 76 | 6.840 | 6.824 | 6.887 | VV | 1099   | 21743  | 0.20% | 0.009% |
| 77 | 6.904 | 6.887 | 6.921 | VV | 586    | 10136  | 0.09% | 0.004% |
| 78 | 6.934 | 6.921 | 6.968 | VV | 585    | 12394  | 0.11% | 0.005% |
| 79 | 7.000 | 6.968 | 7.064 | VV | 8010   | 108069 | 0.97% | 0.046% |
| 80 | 7.091 | 7.064 | 7.110 | VV | 747    | 14094  | 0.13% | 0.006% |
| 81 | 7.134 | 7.110 | 7.188 | VV | 10184  | 110971 | 1.00% | 0.047% |
| 82 | 7.198 | 7.188 | 7.244 | VV | 519    | 10567  | 0.10% | 0.004% |
| 83 | 7.302 | 7.244 | 7.331 | VV | 956    | 22442  | 0.20% | 0.009% |
| 84 | 7.357 | 7.331 | 7.386 | VV | 374    | 7584   | 0.07% | 0.003% |
| 85 | 7.392 | 7.386 | 7.408 | VV | 232    | 2355   | 0.02% | 0.001% |
| 86 | 7.430 | 7.408 | 7.441 | VV | 252    | 3379   | 0.03% | 0.001% |
| 87 | 7.474 | 7.441 | 7.505 | VV | 464    | 9425   | 0.08% | 0.004% |
| 88 | 7.526 | 7.505 | 7.561 | VV | 292    | 5357   | 0.05% | 0.002% |
| 89 | 7.723 | 7.693 | 7.808 | VV | 3094   | 95526  | 0.86% | 0.040% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.822  | 7.808  | 7.845  | VV | 1137   | 17810  | 0.16% | 0.008% |
| 91  | 7.881  | 7.845  | 7.913  | VV | 2394   | 56118  | 0.50% | 0.024% |
| 92  | 7.923  | 7.913  | 7.935  | VV | 1236   | 14767  | 0.13% | 0.006% |
| 93  | 7.990  | 7.935  | 8.034  | VV | 6591   | 170252 | 1.53% | 0.072% |
| 94  | 8.053  | 8.034  | 8.064  | VV | 1431   | 22800  | 0.21% | 0.010% |
| 95  | 8.094  | 8.064  | 8.110  | VV | 15990  | 191154 | 1.72% | 0.081% |
| 96  | 8.122  | 8.110  | 8.139  | VV | 9726   | 107092 | 0.96% | 0.045% |
| 97  | 8.149  | 8.139  | 8.201  | VV | 3877   | 77322  | 0.70% | 0.033% |
| 98  | 8.276  | 8.201  | 8.314  | VV | 14273  | 263119 | 2.37% | 0.111% |
| 99  | 8.332  | 8.314  | 8.348  | VV | 1436   | 19104  | 0.17% | 0.008% |
| 100 | 8.368  | 8.348  | 8.404  | VV | 4320   | 50461  | 0.45% | 0.021% |
| 101 | 8.420  | 8.404  | 8.433  | VV | 537    | 6420   | 0.06% | 0.003% |
| 102 | 8.572  | 8.550  | 8.600  | VV | 8579   | 122020 | 1.10% | 0.051% |
| 103 | 8.621  | 8.600  | 8.654  | VV | 4099   | 73274  | 0.66% | 0.031% |
| 104 | 8.662  | 8.654  | 8.670  | VV | 1335   | 12034  | 0.11% | 0.005% |
| 105 | 8.692  | 8.670  | 8.724  | VV | 2324   | 55491  | 0.50% | 0.023% |
| 106 | 8.736  | 8.724  | 8.747  | VV | 1261   | 14661  | 0.13% | 0.006% |
| 107 | 8.760  | 8.747  | 8.778  | VV | 1299   | 18491  | 0.17% | 0.008% |
| 108 | 8.812  | 8.778  | 8.829  | VV | 4031   | 67247  | 0.60% | 0.028% |
| 109 | 8.847  | 8.829  | 8.868  | VV | 5150   | 71493  | 0.64% | 0.030% |
| 110 | 8.884  | 8.868  | 8.898  | VV | 2626   | 36890  | 0.33% | 0.016% |
| 111 | 8.935  | 8.898  | 8.954  | VV | 2302   | 61341  | 0.55% | 0.026% |
| 112 | 8.984  | 8.954  | 9.004  | VV | 7334   | 103845 | 0.93% | 0.044% |
| 113 | 9.022  | 9.004  | 9.063  | VV | 7967   | 109139 | 0.98% | 0.046% |
| 114 | 9.080  | 9.063  | 9.109  | VV | 1914   | 30003  | 0.27% | 0.013% |
| 115 | 9.137  | 9.109  | 9.154  | VV | 7646   | 89768  | 0.81% | 0.038% |
| 116 | 9.169  | 9.154  | 9.193  | VV | 5494   | 62957  | 0.57% | 0.027% |
| 117 | 9.220  | 9.193  | 9.238  | VV | 3390   | 47181  | 0.42% | 0.020% |
| 118 | 9.273  | 9.238  | 9.296  | VV | 6030   | 101063 | 0.91% | 0.043% |
| 119 | 9.314  | 9.296  | 9.331  | VV | 3344   | 40987  | 0.37% | 0.017% |
| 120 | 9.355  | 9.331  | 9.410  | VV | 16311  | 253238 | 2.28% | 0.107% |
| 121 | 9.434  | 9.410  | 9.467  | VV | 5817   | 97238  | 0.87% | 0.041% |
| 122 | 9.502  | 9.467  | 9.522  | VV | 4601   | 89662  | 0.81% | 0.038% |
| 123 | 9.536  | 9.522  | 9.548  | VV | 2838   | 34214  | 0.31% | 0.014% |
| 124 | 9.563  | 9.548  | 9.586  | VV | 3658   | 52410  | 0.47% | 0.022% |
| 125 | 9.615  | 9.586  | 9.653  | VV | 2315   | 51741  | 0.47% | 0.022% |
| 126 | 9.677  | 9.653  | 9.714  | VV | 3825   | 73837  | 0.66% | 0.031% |
| 127 | 9.728  | 9.714  | 9.744  | VV | 2099   | 28116  | 0.25% | 0.012% |
| 128 | 9.771  | 9.744  | 9.818  | VV | 6082   | 124040 | 1.12% | 0.052% |
| 129 | 9.837  | 9.818  | 9.858  | VV | 1546   | 24521  | 0.22% | 0.010% |
| 130 | 9.873  | 9.858  | 9.903  | VV | 1138   | 21224  | 0.19% | 0.009% |
| 131 | 9.938  | 9.903  | 9.994  | VV | 2144   | 42211  | 0.38% | 0.018% |
| 132 | 10.045 | 9.994  | 10.056 | PV | 876    | 16843  | 0.15% | 0.007% |
| 133 | 10.064 | 10.056 | 10.078 | VV | 629    | 7281   | 0.07% | 0.003% |
| 134 | 10.099 | 10.078 | 10.130 | VV | 3083   | 45171  | 0.41% | 0.019% |
| 135 | 10.154 | 10.130 | 10.177 | VV | 1916   | 34093  | 0.31% | 0.014% |
| 136 | 10.235 | 10.177 | 10.257 | VV | 11200  | 213799 | 1.92% | 0.090% |
| 137 | 10.275 | 10.257 | 10.314 | VV | 8730   | 121476 | 1.09% | 0.051% |
| 138 | 10.351 | 10.314 | 10.386 | VV | 7991   | 135439 | 1.22% | 0.057% |
| 139 | 10.409 | 10.386 | 10.463 | VV | 4253   | 112774 | 1.01% | 0.048% |
| 140 | 10.518 | 10.463 | 10.535 | VV | 5567   | 142622 | 1.28% | 0.060% |
| 141 | 10.558 | 10.535 | 10.601 | VV | 10892  | 195461 | 1.76% | 0.082% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 10.624 | 10.601 | 10.640 | VV | 1859   | 36270   | 0.33%  | 0.015% |
| 143    | 10.652 | 10.640 | 10.669 | VV | 1747   | 21012   | 0.19%  | 0.009% |
| 144    | 10.686 | 10.669 | 10.703 | VV | 1015   | 14961   | 0.13%  | 0.006% |
| 145    | 10.753 | 10.703 | 10.804 | VV | 110774 | 1272672 | 11.45% | 0.537% |
| 146    | 10.828 | 10.804 | 10.871 | VV | 25885  | 330964  | 2.98%  | 0.140% |
| 147    | 10.884 | 10.871 | 10.898 | VV | 1323   | 17909   | 0.16%  | 0.008% |
| 148    | 10.902 | 10.898 | 10.951 | VV | 1097   | 24041   | 0.22%  | 0.010% |
| 149    | 10.964 | 10.951 | 10.986 | VV | 763    | 9051    | 0.08%  | 0.004% |
| 150    | 11.008 | 10.986 | 11.023 | PV | 672    | 8166    | 0.07%  | 0.003% |
| 151    | 11.055 | 11.023 | 11.084 | VV | 4681   | 96328   | 0.87%  | 0.041% |
| 152    | 11.113 | 11.084 | 11.128 | VV | 2978   | 57124   | 0.51%  | 0.024% |
| 153    | 11.147 | 11.128 | 11.168 | VV | 4234   | 65014   | 0.58%  | 0.027% |
| 154    | 11.180 | 11.168 | 11.190 | VV | 2117   | 23134   | 0.21%  | 0.010% |
| 155    | 11.207 | 11.190 | 11.224 | VV | 4200   | 59282   | 0.53%  | 0.025% |
| 156    | 11.242 | 11.224 | 11.254 | VV | 2854   | 44294   | 0.40%  | 0.019% |
| 157    | 11.278 | 11.254 | 11.321 | VV | 12098  | 218149  | 1.96%  | 0.092% |
| 158    | 11.351 | 11.321 | 11.376 | VV | 3618   | 64735   | 0.58%  | 0.027% |
| 159    | 11.406 | 11.376 | 11.429 | VV | 10035  | 137957  | 1.24%  | 0.058% |
| 160    | 11.447 | 11.429 | 11.469 | VV | 3322   | 46714   | 0.42%  | 0.020% |
| 161    | 11.523 | 11.469 | 11.544 | VV | 401354 | 4442310 | 39.95% | 1.874% |
| 162    | 11.555 | 11.544 | 11.570 | VV | 35046  | 372375  | 3.35%  | 0.157% |
| 163    | 11.586 | 11.570 | 11.626 | VV | 38151  | 458061  | 4.12%  | 0.193% |
| 164    | 11.669 | 11.626 | 11.686 | VV | 21748  | 380367  | 3.42%  | 0.160% |
| 165    | 11.704 | 11.686 | 11.718 | VV | 27021  | 307010  | 2.76%  | 0.130% |
| 166    | 11.735 | 11.718 | 11.789 | VV | 32964  | 400282  | 3.60%  | 0.169% |
| 167    | 11.811 | 11.789 | 11.828 | PV | 1092   | 13844   | 0.12%  | 0.006% |
| 168    | 11.877 | 11.828 | 11.901 | VV | 4447   | 102820  | 0.92%  | 0.043% |
| 169    | 11.923 | 11.901 | 11.942 | VV | 8486   | 137070  | 1.23%  | 0.058% |
| 170    | 11.954 | 11.942 | 12.004 | VV | 5328   | 88866   | 0.80%  | 0.037% |
| 171    | 12.027 | 12.004 | 12.045 | VV | 11579  | 148210  | 1.33%  | 0.063% |
| 172    | 12.056 | 12.045 | 12.070 | VV | 4715   | 54671   | 0.49%  | 0.023% |
| 173    | 12.089 | 12.070 | 12.100 | VV | 7392   | 95081   | 0.86%  | 0.040% |
| 174    | 12.118 | 12.100 | 12.148 | VV | 22585  | 273920  | 2.46%  | 0.116% |
| 175    | 12.170 | 12.148 | 12.187 | VV | 3219   | 55677   | 0.50%  | 0.023% |
| 176    | 12.204 | 12.187 | 12.218 | VV | 4207   | 54700   | 0.49%  | 0.023% |
| 177    | 12.233 | 12.218 | 12.246 | VV | 4424   | 56558   | 0.51%  | 0.024% |
| 178    | 12.254 | 12.246 | 12.264 | VV | 3363   | 32610   | 0.29%  | 0.014% |
| 179    | 12.300 | 12.264 | 12.323 | VV | 6321   | 142486  | 1.28%  | 0.060% |
| 180    | 12.344 | 12.323 | 12.384 | VV | 12752  | 228519  | 2.06%  | 0.096% |
| 181    | 12.406 | 12.384 | 12.430 | VV | 5831   | 100917  | 0.91%  | 0.043% |
| 182    | 12.454 | 12.430 | 12.473 | VV | 35542  | 453213  | 4.08%  | 0.191% |
| 183    | 12.488 | 12.473 | 12.503 | VV | 15223  | 208709  | 1.88%  | 0.088% |
| 184    | 12.515 | 12.503 | 12.538 | VV | 15068  | 207942  | 1.87%  | 0.088% |
| 185    | 12.568 | 12.538 | 12.621 | VV | 104037 | 1294756 | 11.64% | 0.546% |
| 186    | 12.629 | 12.621 | 12.643 | VV | 522    | 3961    | 0.04%  | 0.002% |
| 187    | 12.666 | 12.643 | 12.681 | PV | 3366   | 39089   | 0.35%  | 0.016% |
| 188    | 12.703 | 12.681 | 12.717 | VV | 7973   | 110180  | 0.99%  | 0.046% |
| 189    | 12.727 | 12.717 | 12.739 | VV | 6136   | 66144   | 0.59%  | 0.028% |
| 190    | 12.755 | 12.739 | 12.770 | VV | 10762  | 132945  | 1.20%  | 0.056% |
| 191    | 12.783 | 12.770 | 12.798 | VV | 6889   | 94786   | 0.85%  | 0.040% |
| 192    | 12.807 | 12.798 | 12.838 | VV | 4948   | 91437   | 0.82%  | 0.039% |
| 193    | 12.866 | 12.838 | 12.906 | VV | 126226 | 1474136 | 13.26% | 0.622% |
| 194    | 12.959 | 12.906 | 12.987 | VV | 298409 | 3712945 | 33.39% | 1.566% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.000 | 12.987 | 13.023 | VV | 10259  | 140204 | 1.26% | 0.059% |
| 196 | 13.040 | 13.023 | 13.095 | VV | 5110   | 134638 | 1.21% | 0.057% |
| 197 | 13.137 | 13.095 | 13.165 | PV | 8558   | 203769 | 1.83% | 0.086% |
| 198 | 13.197 | 13.165 | 13.236 | VV | 11860  | 268755 | 2.42% | 0.113% |
| 199 | 13.263 | 13.236 | 13.276 | VV | 6897   | 100513 | 0.90% | 0.042% |
| 200 | 13.292 | 13.276 | 13.303 | VV | 6925   | 94304  | 0.85% | 0.040% |
| 201 | 13.325 | 13.303 | 13.400 | VV | 14518  | 392431 | 3.53% | 0.166% |
| 202 | 13.455 | 13.400 | 13.492 | VV | 30567  | 592049 | 5.32% | 0.250% |
| 203 | 13.522 | 13.492 | 13.539 | VV | 3703   | 81197  | 0.73% | 0.034% |
| 204 | 13.563 | 13.539 | 13.582 | VV | 15087  | 208009 | 1.87% | 0.088% |
| 205 | 13.602 | 13.582 | 13.624 | VV | 23549  | 303838 | 2.73% | 0.128% |
| 206 | 13.635 | 13.624 | 13.669 | VV | 4906   | 90998  | 0.82% | 0.038% |
| 207 | 13.730 | 13.669 | 13.751 | VV | 24918  | 447319 | 4.02% | 0.189% |
| 208 | 13.771 | 13.751 | 13.821 | VV | 20217  | 281912 | 2.54% | 0.119% |
| 209 | 13.839 | 13.821 | 13.872 | VV | 1987   | 40194  | 0.36% | 0.017% |
| 210 | 13.926 | 13.872 | 13.951 | PV | 2172   | 58574  | 0.53% | 0.025% |
| 211 | 13.969 | 13.951 | 13.979 | VV | 1071   | 16412  | 0.15% | 0.007% |
| 212 | 13.984 | 13.979 | 14.004 | VV | 861    | 8880   | 0.08% | 0.004% |
| 213 | 14.039 | 14.004 | 14.054 | VV | 2711   | 44337  | 0.40% | 0.019% |
| 214 | 14.071 | 14.054 | 14.104 | VV | 2790   | 53765  | 0.48% | 0.023% |
| 215 | 14.152 | 14.104 | 14.171 | VV | 9867   | 233681 | 2.10% | 0.099% |
| 216 | 14.188 | 14.171 | 14.238 | VV | 13433  | 261042 | 2.35% | 0.110% |
| 217 | 14.291 | 14.238 | 14.341 | VV | 9296   | 343403 | 3.09% | 0.145% |
| 218 | 14.367 | 14.341 | 14.383 | VV | 13580  | 201682 | 1.81% | 0.085% |
| 219 | 14.393 | 14.383 | 14.407 | VV | 7938   | 95000  | 0.85% | 0.040% |
| 220 | 14.429 | 14.407 | 14.451 | VV | 21167  | 291134 | 2.62% | 0.123% |
| 221 | 14.464 | 14.451 | 14.477 | VV | 4972   | 64222  | 0.58% | 0.027% |
| 222 | 14.493 | 14.477 | 14.524 | VV | 7600   | 113216 | 1.02% | 0.048% |
| 223 | 14.552 | 14.524 | 14.574 | VV | 4721   | 80408  | 0.72% | 0.034% |
| 224 | 14.591 | 14.574 | 14.602 | VV | 4498   | 59579  | 0.54% | 0.025% |
| 225 | 14.615 | 14.602 | 14.666 | VV | 4778   | 87603  | 0.79% | 0.037% |
| 226 | 14.695 | 14.666 | 14.706 | PV | 2885   | 31376  | 0.28% | 0.013% |
| 227 | 14.741 | 14.706 | 14.760 | VV | 43751  | 574311 | 5.17% | 0.242% |
| 228 | 14.781 | 14.760 | 14.863 | VV | 49588  | 711847 | 6.40% | 0.300% |
| 229 | 14.901 | 14.863 | 14.930 | VV | 13697  | 247070 | 2.22% | 0.104% |
| 230 | 14.944 | 14.930 | 14.963 | VV | 5908   | 93188  | 0.84% | 0.039% |
| 231 | 14.970 | 14.963 | 15.011 | VV | 3805   | 70472  | 0.63% | 0.030% |
| 232 | 15.053 | 15.011 | 15.078 | VV | 7643   | 164693 | 1.48% | 0.069% |
| 233 | 15.097 | 15.078 | 15.135 | VV | 5516   | 124744 | 1.12% | 0.053% |
| 234 | 15.227 | 15.135 | 15.305 | VV | 19516  | 833612 | 7.50% | 0.352% |
| 235 | 15.329 | 15.305 | 15.350 | VV | 7826   | 147459 | 1.33% | 0.062% |
| 236 | 15.371 | 15.350 | 15.384 | VV | 7569   | 113531 | 1.02% | 0.048% |
| 237 | 15.413 | 15.384 | 15.433 | VV | 27033  | 426008 | 3.83% | 0.180% |
| 238 | 15.451 | 15.433 | 15.479 | VV | 13732  | 233878 | 2.10% | 0.099% |
| 239 | 15.496 | 15.479 | 15.507 | VV | 6363   | 94311  | 0.85% | 0.040% |
| 240 | 15.577 | 15.507 | 15.611 | VV | 16733  | 606862 | 5.46% | 0.256% |
| 241 | 15.651 | 15.611 | 15.678 | VV | 7081   | 216933 | 1.95% | 0.092% |
| 242 | 15.697 | 15.678 | 15.716 | VV | 5689   | 118272 | 1.06% | 0.050% |
| 243 | 15.738 | 15.716 | 15.758 | VV | 7379   | 150581 | 1.35% | 0.064% |
| 244 | 15.774 | 15.758 | 15.794 | VV | 6090   | 127680 | 1.15% | 0.054% |
| 245 | 15.833 | 15.794 | 15.870 | VV | 8998   | 301076 | 2.71% | 0.127% |
| 246 | 15.885 | 15.870 | 15.904 | VV | 5869   | 109651 | 0.99% | 0.046% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.941 | 15.904 | 15.969 | VV | 5851   | 197660  | 1.78%  | 0.083% |
| 248 | 16.012 | 15.969 | 16.034 | VV | 10181  | 293472  | 2.64%  | 0.124% |
| 249 | 16.048 | 16.034 | 16.064 | VV | 9109   | 139003  | 1.25%  | 0.059% |
| 250 | 16.119 | 16.064 | 16.148 | VV | 13370  | 490892  | 4.41%  | 0.207% |
|     |        |        |        |    |        |         |        |        |
| 251 | 16.176 | 16.148 | 16.188 | VV | 10381  | 239676  | 2.16%  | 0.101% |
| 252 | 16.215 | 16.188 | 16.224 | VV | 14943  | 274733  | 2.47%  | 0.116% |
| 253 | 16.236 | 16.224 | 16.247 | VV | 14779  | 199691  | 1.80%  | 0.084% |
| 254 | 16.258 | 16.247 | 16.268 | VV | 14907  | 184335  | 1.66%  | 0.078% |
| 255 | 16.296 | 16.268 | 16.364 | VV | 50083  | 1367606 | 12.30% | 0.577% |
|     |        |        |        |    |        |         |        |        |
| 256 | 16.427 | 16.364 | 16.452 | VV | 19801  | 684444  | 6.16%  | 0.289% |
| 257 | 16.480 | 16.452 | 16.503 | VV | 12912  | 378261  | 3.40%  | 0.160% |
| 258 | 16.541 | 16.503 | 16.554 | VV | 13022  | 369730  | 3.33%  | 0.156% |
| 259 | 16.616 | 16.554 | 16.644 | VV | 39864  | 1108382 | 9.97%  | 0.468% |
| 260 | 16.674 | 16.644 | 16.711 | VV | 46861  | 981617  | 8.83%  | 0.414% |
|     |        |        |        |    |        |         |        |        |
| 261 | 16.776 | 16.711 | 16.816 | VV | 28312  | 1254507 | 11.28% | 0.529% |
| 262 | 16.853 | 16.816 | 16.875 | VV | 21079  | 703612  | 6.33%  | 0.297% |
| 263 | 16.915 | 16.875 | 16.961 | VV | 22552  | 1061384 | 9.55%  | 0.448% |
| 264 | 16.983 | 16.961 | 17.001 | VV | 21989  | 500502  | 4.50%  | 0.211% |
| 265 | 17.043 | 17.001 | 17.122 | VV | 26628  | 1687966 | 15.18% | 0.712% |
|     |        |        |        |    |        |         |        |        |
| 266 | 17.196 | 17.122 | 17.214 | VV | 32180  | 1439934 | 12.95% | 0.607% |
| 267 | 17.224 | 17.214 | 17.243 | VV | 30091  | 492482  | 4.43%  | 0.208% |
| 268 | 17.260 | 17.243 | 17.276 | VV | 28012  | 518520  | 4.66%  | 0.219% |
| 269 | 17.292 | 17.276 | 17.306 | VV | 26086  | 455252  | 4.09%  | 0.192% |
| 270 | 17.335 | 17.306 | 17.362 | VV | 32246  | 938732  | 8.44%  | 0.396% |
|     |        |        |        |    |        |         |        |        |
| 271 | 17.398 | 17.362 | 17.415 | VV | 28907  | 864013  | 7.77%  | 0.364% |
| 272 | 17.455 | 17.415 | 17.468 | VV | 27991  | 867275  | 7.80%  | 0.366% |
| 273 | 17.475 | 17.468 | 17.484 | VV | 27209  | 264326  | 2.38%  | 0.111% |
| 274 | 17.518 | 17.484 | 17.538 | VV | 29479  | 916662  | 8.24%  | 0.387% |
| 275 | 17.562 | 17.538 | 17.589 | VV | 32140  | 956423  | 8.60%  | 0.403% |
|     |        |        |        |    |        |         |        |        |
| 276 | 17.661 | 17.589 | 17.688 | VV | 41242  | 2076111 | 18.67% | 0.876% |
| 277 | 17.706 | 17.688 | 17.721 | VV | 33382  | 644058  | 5.79%  | 0.272% |
| 278 | 17.768 | 17.721 | 17.778 | VV | 35351  | 1167843 | 10.50% | 0.493% |
| 279 | 17.805 | 17.778 | 17.828 | VV | 43112  | 1169871 | 10.52% | 0.493% |
| 280 | 17.833 | 17.828 | 17.868 | VV | 39373  | 909001  | 8.18%  | 0.383% |
|     |        |        |        |    |        |         |        |        |
| 281 | 17.878 | 17.868 | 17.884 | VV | 35941  | 334626  | 3.01%  | 0.141% |
| 282 | 17.898 | 17.884 | 17.918 | VV | 37890  | 737165  | 6.63%  | 0.311% |
| 283 | 17.952 | 17.918 | 17.965 | VV | 41714  | 1065726 | 9.58%  | 0.450% |
| 284 | 17.982 | 17.965 | 18.000 | VV | 40846  | 828143  | 7.45%  | 0.349% |
| 285 | 18.043 | 18.000 | 18.064 | VV | 58628  | 1804165 | 16.23% | 0.761% |
|     |        |        |        |    |        |         |        |        |
| 286 | 18.083 | 18.064 | 18.112 | VV | 56368  | 1421050 | 12.78% | 0.599% |
| 287 | 18.125 | 18.112 | 18.150 | VV | 43083  | 971691  | 8.74%  | 0.410% |
| 288 | 18.172 | 18.150 | 18.192 | VV | 54023  | 1205992 | 10.85% | 0.509% |
| 289 | 18.207 | 18.192 | 18.224 | VV | 48415  | 913594  | 8.22%  | 0.385% |
| 290 | 18.234 | 18.224 | 18.264 | VV | 45974  | 1043596 | 9.39%  | 0.440% |
|     |        |        |        |    |        |         |        |        |
| 291 | 18.296 | 18.264 | 18.335 | VV | 62962  | 2134189 | 19.19% | 0.900% |
| 292 | 18.381 | 18.335 | 18.408 | VV | 47803  | 2017998 | 18.15% | 0.851% |
| 293 | 18.428 | 18.408 | 18.447 | VV | 49474  | 1118043 | 10.06% | 0.472% |
| 294 | 18.488 | 18.447 | 18.520 | VV | 55529  | 2176892 | 19.58% | 0.918% |
| 295 | 18.546 | 18.520 | 18.567 | VV | 48600  | 1354857 | 12.19% | 0.572% |
|     |        |        |        |    |        |         |        |        |
| 296 | 18.593 | 18.567 | 18.621 | VV | 57377  | 1692986 | 15.23% | 0.714% |
| 297 | 18.644 | 18.621 | 18.668 | VV | 56700  | 1519085 | 13.66% | 0.641% |
| 298 | 18.731 | 18.668 | 18.745 | VV | 58042  | 2477591 | 22.28% | 1.045% |
| 299 | 18.772 | 18.745 | 18.786 | VV | 57444  | 1371574 | 12.34% | 0.579% |

| rteres                  |        |        |        |     |        |          |           |        |
|-------------------------|--------|--------|--------|-----|--------|----------|-----------|--------|
| 300                     | 18.816 | 18.786 | 18.840 | VV  | 58921  | 1868063  | 16.80%    | 0.788% |
| 301                     | 18.893 | 18.840 | 18.946 | VV  | 73233  | 4078620  | 36.68%    | 1.720% |
| 302                     | 18.992 | 18.946 | 19.038 | VV  | 65930  | 3431558  | 30.86%    | 1.448% |
| 303                     | 19.069 | 19.038 | 19.091 | VV  | 61914  | 1935599  | 17.41%    | 0.816% |
| 304                     | 19.103 | 19.091 | 19.117 | VV  | 64180  | 968211   | 8.71%     | 0.408% |
| 305                     | 19.162 | 19.117 | 19.200 | VV  | 64218  | 3164821  | 28.46%    | 1.335% |
| 306                     | 19.273 | 19.200 | 19.287 | VV  | 70855  | 3434294  | 30.89%    | 1.449% |
| 307                     | 19.300 | 19.287 | 19.311 | VV  | 71117  | 1022335  | 9.19%     | 0.431% |
| 308                     | 19.319 | 19.311 | 19.334 | VV  | 69414  | 931700   | 8.38%     | 0.393% |
| 309                     | 19.346 | 19.334 | 19.355 | VV  | 69079  | 883133   | 7.94%     | 0.373% |
| 310                     | 19.385 | 19.355 | 19.413 | VV  | 75519  | 2517306  | 22.64%    | 1.062% |
| 311                     | 19.449 | 19.413 | 19.484 | VV  | 78712  | 3217552  | 28.94%    | 1.357% |
| 312                     | 19.521 | 19.484 | 19.547 | VV  | 82942  | 2988533  | 26.88%    | 1.261% |
| 313                     | 19.572 | 19.547 | 19.594 | VV  | 78883  | 2199925  | 19.79%    | 0.928% |
| 314                     | 19.611 | 19.594 | 19.622 | VV  | 81360  | 1300313  | 11.69%    | 0.549% |
| 315                     | 19.651 | 19.622 | 19.678 | VV  | 82627  | 2729307  | 24.55%    | 1.151% |
| 316                     | 19.685 | 19.678 | 19.692 | VV  | 83067  | 685991   | 6.17%     | 0.289% |
| 317                     | 19.702 | 19.692 | 19.721 | VV  | 83024  | 1443259  | 12.98%    | 0.609% |
| 318                     | 19.837 | 19.721 | 19.881 | VV  | 97981  | 8543185  | 76.83%    | 3.604% |
| 319                     | 19.923 | 19.881 | 19.941 | VV  | 95884  | 3353175  | 30.16%    | 1.414% |
| 320                     | 19.957 | 19.941 | 19.981 | VV  | 94301  | 2230725  | 20.06%    | 0.941% |
| 321                     | 20.013 | 19.981 | 20.038 | VV  | 98162  | 3254743  | 29.27%    | 1.373% |
| 322                     | 20.083 | 20.038 | 20.108 | VV  | 100940 | 4155528  | 37.37%    | 1.753% |
| 323                     | 20.146 | 20.108 | 20.158 | VV  | 100655 | 2982289  | 26.82%    | 1.258% |
| 324                     | 20.233 | 20.158 | 20.323 | VV  | 111092 | 10620662 | 95.52%    | 4.480% |
| 325                     | 20.337 | 20.323 | 20.345 | VV  | 103527 | 1352042  | 12.16%    | 0.570% |
| 326                     | 20.362 | 20.345 | 20.378 | VV  | 105122 | 2056295  | 18.49%    | 0.867% |
| 327                     | 20.469 | 20.378 | 20.478 | VV  | 117935 | 6613371  | 59.48%    | 2.790% |
| 328                     | 20.492 | 20.478 | 20.608 | VV  | 119481 | 8508794  | 76.52%    | 3.589% |
| 329                     | 20.615 | 20.608 | 20.637 | VV  | 101364 | 1755454  | 15.79%    | 0.740% |
| 330                     | 20.648 | 20.637 | 20.658 | VV  | 101200 | 1283207  | 11.54%    | 0.541% |
| 331                     | 20.677 | 20.658 | 20.688 | VV  | 102290 | 1783552  | 16.04%    | 0.752% |
| 332                     | 20.736 | 20.688 | 20.871 | VV  | 106599 | 11119018 | 100.00%   | 4.690% |
| 333                     | 20.881 | 20.871 | 20.910 | VV  | 91506  | 2106658  | 18.95%    | 0.889% |
| 334                     | 20.926 | 20.910 | 20.943 | VV  | 89772  | 1763861  | 15.86%    | 0.744% |
| 335                     | 20.970 | 20.943 | 20.993 | VV  | 92408  | 2707069  | 24.35%    | 1.142% |
| 336                     | 21.065 | 20.993 | 21.088 | VV  | 97963  | 5449363  | 49.01%    | 2.299% |
| 337                     | 21.099 | 21.088 | 21.111 | VV  | 98375  | 1365793  | 12.28%    | 0.576% |
| 338                     | 21.120 | 21.111 | 21.281 | VV  | 96771  | 8852599  | 79.62%    | 3.734% |
| 339                     | 21.356 | 21.281 | 21.465 | VV  | 88655  | 9194289  | 82.69%    | 3.878% |
| 340                     | 21.474 | 21.465 | 21.486 | VV  | 78126  | 1001716  | 9.01%     | 0.423% |
| 341                     | 21.499 | 21.486 | 21.508 | VV  | 78264  | 1013685  | 9.12%     | 0.428% |
| 342                     | 21.517 | 21.508 | 21.583 | VV  | 78869  | 3456361  | 31.09%    | 1.458% |
| 343                     | 21.635 | 21.583 | 21.701 | VBA | 76316  | 5375491  | 48.35%    | 2.268% |
| Sum of corrected areas: |        |        |        |     |        |          | 237066703 |        |

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