

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080522AR\  
 Data File : FD043506.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 Aug 2022 19:51  
 Sample : N4018-03  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic 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         | 4.363       | 4.332        | 4.390      | BV       | 1415           | 15779        | 0.10%          | 0.015%        |
| 2         | 4.403       | 4.390        | 4.410      | VV       | 868            | 6662         | 0.04%          | 0.006%        |
| 3         | 4.426       | 4.410        | 4.447      | VV       | 2508           | 32410        | 0.20%          | 0.032%        |
| 4         | 4.463       | 4.447        | 4.487      | VV       | 2005           | 23249        | 0.14%          | 0.023%        |
| 5         | 4.506       | 4.487        | 4.518      | VV       | 7554           | 73601        | 0.45%          | 0.072%        |
| 6         | 4.532       | 4.518        | 4.559      | VV       | 9099           | 137681       | 0.85%          | 0.134%        |
| 7         | 4.582       | 4.559        | 4.597      | VV       | 6842           | 111384       | 0.69%          | 0.108%        |
| 8         | 4.612       | 4.597        | 4.635      | VV       | 7554           | 106453       | 0.66%          | 0.104%        |
| 9         | 4.651       | 4.635        | 4.667      | VV       | 4049           | 55322        | 0.34%          | 0.054%        |
| 10        | 4.692       | 4.667        | 4.719      | VV       | 3606           | 80772        | 0.50%          | 0.079%        |
| 11        | 4.730       | 4.719        | 4.762      | VV       | 1946           | 29971        | 0.19%          | 0.029%        |
| 12        | 4.765       | 4.762        | 4.771      | VV       | 530            | 2061         | 0.01%          | 0.002%        |
| 13        | 4.803       | 4.771        | 4.820      | VV       | 1943           | 27242        | 0.17%          | 0.027%        |
| 14        | 4.830       | 4.820        | 4.850      | VV       | 1165           | 13474        | 0.08%          | 0.013%        |
| 15        | 4.860       | 4.850        | 4.873      | VV       | 671            | 6005         | 0.04%          | 0.006%        |
| 16        | 4.893       | 4.873        | 4.896      | VV       | 575            | 5121         | 0.03%          | 0.005%        |
| 17        | 4.919       | 4.896        | 4.960      | VV       | 1432           | 36383        | 0.22%          | 0.035%        |
| 18        | 4.974       | 4.960        | 4.982      | VV       | 1789           | 17710        | 0.11%          | 0.017%        |
| 19        | 4.998       | 4.982        | 5.017      | VV       | 7184           | 81832        | 0.51%          | 0.080%        |
| 20        | 5.055       | 5.017        | 5.078      | VV       | 5122           | 113434       | 0.70%          | 0.110%        |
| 21        | 5.082       | 5.078        | 5.107      | VV       | 2055           | 32877        | 0.20%          | 0.032%        |
| 22        | 5.118       | 5.107        | 5.137      | VV       | 1790           | 28133        | 0.17%          | 0.027%        |
| 23        | 5.157       | 5.137        | 5.169      | VV       | 1777           | 28951        | 0.18%          | 0.028%        |
| 24        | 5.188       | 5.169        | 5.199      | VV       | 2095           | 29819        | 0.18%          | 0.029%        |
| 25        | 5.217       | 5.199        | 5.257      | VV       | 5346           | 76344        | 0.47%          | 0.074%        |
| 26        | 5.271       | 5.257        | 5.319      | VV       | 813            | 18140        | 0.11%          | 0.018%        |
| 27        | 5.325       | 5.319        | 5.337      | VV       | 371            | 2387         | 0.01%          | 0.002%        |
| 28        | 5.361       | 5.337        | 5.387      | VV       | 558            | 10400        | 0.06%          | 0.010%        |
| 29        | 5.401       | 5.387        | 5.418      | VV       | 1178           | 12983        | 0.08%          | 0.013%        |
| 30        | 5.442       | 5.418        | 5.467      | VV       | 2644           | 31863        | 0.20%          | 0.031%        |
| 31        | 5.474       | 5.467        | 5.482      | VV       | 534            | 4222         | 0.03%          | 0.004%        |
| 32        | 5.498       | 5.482        | 5.520      | VV       | 999            | 12469        | 0.08%          | 0.012%        |
| 33        | 5.530       | 5.520        | 5.554      | VV       | 375            | 5469         | 0.03%          | 0.005%        |
| 34        | 5.586       | 5.554        | 5.611      | VV       | 492            | 10439        | 0.06%          | 0.010%        |
| 35        | 5.630       | 5.611        | 5.638      | PV       | 1124           | 10411        | 0.06%          | 0.010%        |
| 36        | 5.649       | 5.638        | 5.665      | VV       | 1669           | 17459        | 0.11%          | 0.017%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 5.681 | 5.665 | 5.688 | VV | 941    | 9208    | 0.06%  | 0.009% |
| 38 | 5.693 | 5.688 | 5.714 | VV | 897    | 11726   | 0.07%  | 0.011% |
| 39 | 5.733 | 5.714 | 5.764 | VV | 874    | 20430   | 0.13%  | 0.020% |
| 40 | 5.772 | 5.764 | 5.812 | VV | 670    | 13192   | 0.08%  | 0.013% |
| 41 | 5.829 | 5.812 | 5.840 | VV | 828    | 10869   | 0.07%  | 0.011% |
| 42 | 5.855 | 5.840 | 5.883 | VV | 1348   | 18211   | 0.11%  | 0.018% |
| 43 | 5.904 | 5.883 | 5.922 | VV | 990    | 12062   | 0.07%  | 0.012% |
| 44 | 5.947 | 5.922 | 5.974 | VV | 5174   | 60231   | 0.37%  | 0.059% |
| 45 | 5.994 | 5.974 | 6.019 | VV | 1706   | 25075   | 0.15%  | 0.024% |
| 46 | 6.042 | 6.019 | 6.067 | VV | 7347   | 80861   | 0.50%  | 0.079% |
| 47 | 6.103 | 6.067 | 6.133 | VV | 2711   | 51795   | 0.32%  | 0.050% |
| 48 | 6.150 | 6.133 | 6.173 | VV | 3389   | 42415   | 0.26%  | 0.041% |
| 49 | 6.191 | 6.173 | 6.211 | VV | 3667   | 43812   | 0.27%  | 0.043% |
| 50 | 6.226 | 6.211 | 6.256 | VV | 1648   | 21702   | 0.13%  | 0.021% |
| 51 | 6.273 | 6.256 | 6.284 | VV | 291    | 3946    | 0.02%  | 0.004% |
| 52 | 6.312 | 6.284 | 6.335 | VV | 1103   | 14794   | 0.09%  | 0.014% |
| 53 | 6.381 | 6.335 | 6.424 | VV | 4739   | 71282   | 0.44%  | 0.069% |
| 54 | 6.426 | 6.424 | 6.431 | VV | 593    | 2286    | 0.01%  | 0.002% |
| 55 | 6.436 | 6.431 | 6.447 | VV | 593    | 4816    | 0.03%  | 0.005% |
| 56 | 6.466 | 6.447 | 6.487 | VV | 1399   | 20657   | 0.13%  | 0.020% |
| 57 | 6.502 | 6.487 | 6.510 | VV | 859    | 9516    | 0.06%  | 0.009% |
| 58 | 6.532 | 6.510 | 6.546 | VV | 2678   | 34811   | 0.21%  | 0.034% |
| 59 | 6.566 | 6.546 | 6.631 | VV | 84664  | 921380  | 5.69%  | 0.896% |
| 60 | 6.646 | 6.631 | 6.681 | VV | 2067   | 38063   | 0.23%  | 0.037% |
| 61 | 6.685 | 6.681 | 6.692 | VV | 802    | 5117    | 0.03%  | 0.005% |
| 62 | 6.711 | 6.692 | 6.728 | VV | 1484   | 21442   | 0.13%  | 0.021% |
| 63 | 6.740 | 6.728 | 6.763 | VV | 740    | 13208   | 0.08%  | 0.013% |
| 64 | 6.779 | 6.763 | 6.792 | VV | 1573   | 16920   | 0.10%  | 0.016% |
| 65 | 6.808 | 6.792 | 6.819 | VV | 2430   | 27229   | 0.17%  | 0.026% |
| 66 | 6.826 | 6.819 | 6.855 | VV | 1795   | 22377   | 0.14%  | 0.022% |
| 67 | 6.876 | 6.855 | 6.909 | VV | 1866   | 29801   | 0.18%  | 0.029% |
| 68 | 6.937 | 6.909 | 6.969 | VV | 259908 | 2499546 | 15.43% | 2.432% |
| 69 | 6.994 | 6.969 | 7.057 | VV | 188582 | 1912567 | 11.81% | 1.861% |
| 70 | 7.066 | 7.057 | 7.097 | VV | 1747   | 32856   | 0.20%  | 0.032% |
| 71 | 7.111 | 7.097 | 7.124 | VV | 1729   | 22530   | 0.14%  | 0.022% |
| 72 | 7.135 | 7.124 | 7.147 | VV | 2056   | 21320   | 0.13%  | 0.021% |
| 73 | 7.164 | 7.147 | 7.204 | VV | 5160   | 78558   | 0.48%  | 0.076% |
| 74 | 7.226 | 7.204 | 7.256 | VV | 2363   | 40528   | 0.25%  | 0.039% |
| 75 | 7.283 | 7.256 | 7.299 | VV | 2006   | 36505   | 0.23%  | 0.036% |
| 76 | 7.301 | 7.299 | 7.329 | VV | 1879   | 15436   | 0.10%  | 0.015% |
| 77 | 7.371 | 7.329 | 7.383 | PV | 1645   | 27380   | 0.17%  | 0.027% |
| 78 | 7.394 | 7.383 | 7.415 | VV | 1101   | 12613   | 0.08%  | 0.012% |
| 79 | 7.430 | 7.415 | 7.446 | VV | 1184   | 11553   | 0.07%  | 0.011% |
| 80 | 7.462 | 7.446 | 7.504 | VV | 804    | 15955   | 0.10%  | 0.016% |
| 81 | 7.524 | 7.504 | 7.555 | VV | 34083  | 395106  | 2.44%  | 0.384% |
| 82 | 7.562 | 7.555 | 7.583 | VV | 3986   | 48445   | 0.30%  | 0.047% |
| 83 | 7.615 | 7.583 | 7.692 | VV | 774346 | 7657194 | 47.27% | 7.449% |
| 84 | 7.722 | 7.692 | 7.768 | VV | 2574   | 77884   | 0.48%  | 0.076% |
| 85 | 7.782 | 7.768 | 7.817 | VV | 1521   | 28545   | 0.18%  | 0.028% |
| 86 | 7.825 | 7.817 | 7.840 | VV | 1115   | 13616   | 0.08%  | 0.013% |
| 87 | 7.855 | 7.840 | 7.860 | VV | 1014   | 10966   | 0.07%  | 0.011% |
| 88 | 7.870 | 7.860 | 7.885 | VV | 1248   | 14635   | 0.09%  | 0.014% |
| 89 | 7.926 | 7.885 | 7.947 | VV | 2324   | 47603   | 0.29%  | 0.046% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 90  | 7.961  | 7.947  | 7.963  | VV | 773     | 6993     | 0.04%   | 0.007%  |
| 91  | 7.968  | 7.963  | 7.975  | VV | 760     | 5214     | 0.03%   | 0.005%  |
| 92  | 7.995  | 7.975  | 8.038  | VV | 1147    | 29288    | 0.18%   | 0.028%  |
| 93  | 8.045  | 8.038  | 8.061  | VV | 533     | 6573     | 0.04%   | 0.006%  |
| 94  | 8.077  | 8.061  | 8.109  | VV | 1644    | 30430    | 0.19%   | 0.030%  |
| 95  | 8.126  | 8.109  | 8.140  | VV | 1591    | 19701    | 0.12%   | 0.019%  |
| 96  | 8.173  | 8.140  | 8.199  | VV | 4553    | 65728    | 0.41%   | 0.064%  |
| 97  | 8.207  | 8.199  | 8.215  | VV | 615     | 5086     | 0.03%   | 0.005%  |
| 98  | 8.233  | 8.215  | 8.241  | VV | 506     | 6595     | 0.04%   | 0.006%  |
| 99  | 8.272  | 8.241  | 8.277  | VV | 1075    | 15166    | 0.09%   | 0.015%  |
| 100 | 8.300  | 8.277  | 8.342  | VV | 1482    | 37215    | 0.23%   | 0.036%  |
| 101 | 8.382  | 8.342  | 8.389  | VV | 8077    | 81476    | 0.50%   | 0.079%  |
| 102 | 8.413  | 8.389  | 8.450  | VV | 321585  | 3751123  | 23.16%  | 3.649%  |
| 103 | 8.479  | 8.450  | 8.508  | VV | 464419  | 4994811  | 30.84%  | 4.859%  |
| 104 | 8.546  | 8.508  | 8.647  | VV | 1250341 | 16197934 | 100.00% | 15.758% |
| 105 | 8.658  | 8.647  | 8.692  | VV | 6975    | 157267   | 0.97%   | 0.153%  |
| 106 | 8.710  | 8.692  | 8.746  | VV | 5917    | 161803   | 1.00%   | 0.157%  |
| 107 | 8.759  | 8.746  | 8.805  | VV | 8387    | 191352   | 1.18%   | 0.186%  |
| 108 | 8.824  | 8.805  | 8.841  | VV | 4178    | 80105    | 0.49%   | 0.078%  |
| 109 | 8.854  | 8.841  | 8.859  | VV | 3870    | 39920    | 0.25%   | 0.039%  |
| 110 | 8.892  | 8.859  | 8.922  | VV | 92281   | 1008479  | 6.23%   | 0.981%  |
| 111 | 8.928  | 8.922  | 8.942  | VV | 4047    | 45018    | 0.28%   | 0.044%  |
| 112 | 8.958  | 8.942  | 8.975  | VV | 4581    | 78528    | 0.48%   | 0.076%  |
| 113 | 9.010  | 8.975  | 9.061  | VV | 5982    | 176781   | 1.09%   | 0.172%  |
| 114 | 9.082  | 9.061  | 9.095  | VV | 2388    | 37930    | 0.23%   | 0.037%  |
| 115 | 9.121  | 9.095  | 9.127  | VV | 2511    | 40731    | 0.25%   | 0.040%  |
| 116 | 9.129  | 9.127  | 9.148  | VV | 2527    | 25946    | 0.16%   | 0.025%  |
| 117 | 9.169  | 9.148  | 9.188  | VV | 3343    | 59630    | 0.37%   | 0.058%  |
| 118 | 9.213  | 9.188  | 9.264  | VV | 91437   | 1120879  | 6.92%   | 1.090%  |
| 119 | 9.281  | 9.264  | 9.314  | VV | 6355    | 133024   | 0.82%   | 0.129%  |
| 120 | 9.322  | 9.314  | 9.336  | VV | 2501    | 32479    | 0.20%   | 0.032%  |
| 121 | 9.353  | 9.336  | 9.400  | VV | 48925   | 615005   | 3.80%   | 0.598%  |
| 122 | 9.408  | 9.400  | 9.422  | VV | 3470    | 41937    | 0.26%   | 0.041%  |
| 123 | 9.433  | 9.422  | 9.479  | VV | 3090    | 80951    | 0.50%   | 0.079%  |
| 124 | 9.507  | 9.479  | 9.530  | VV | 2635    | 62998    | 0.39%   | 0.061%  |
| 125 | 9.568  | 9.530  | 9.605  | VV | 74766   | 953289   | 5.89%   | 0.927%  |
| 126 | 9.623  | 9.605  | 9.659  | VV | 13386   | 219735   | 1.36%   | 0.214%  |
| 127 | 9.686  | 9.659  | 9.709  | VV | 3776    | 85870    | 0.53%   | 0.084%  |
| 128 | 9.730  | 9.709  | 9.751  | VV | 15106   | 189527   | 1.17%   | 0.184%  |
| 129 | 9.770  | 9.751  | 9.789  | VV | 16788   | 202012   | 1.25%   | 0.197%  |
| 130 | 9.805  | 9.789  | 9.829  | VV | 14620   | 166587   | 1.03%   | 0.162%  |
| 131 | 9.839  | 9.829  | 9.849  | VV | 1040    | 10688    | 0.07%   | 0.010%  |
| 132 | 9.867  | 9.849  | 9.889  | VV | 1442    | 24551    | 0.15%   | 0.024%  |
| 133 | 9.910  | 9.889  | 9.934  | VV | 1364    | 26236    | 0.16%   | 0.026%  |
| 134 | 9.955  | 9.934  | 9.972  | VV | 877     | 15238    | 0.09%   | 0.015%  |
| 135 | 10.001 | 9.972  | 10.015 | VV | 1788    | 27053    | 0.17%   | 0.026%  |
| 136 | 10.029 | 10.015 | 10.043 | VV | 1976    | 25797    | 0.16%   | 0.025%  |
| 137 | 10.049 | 10.043 | 10.070 | VV | 1540    | 15580    | 0.10%   | 0.015%  |
| 138 | 10.093 | 10.070 | 10.114 | VV | 1736    | 30920    | 0.19%   | 0.030%  |
| 139 | 10.117 | 10.114 | 10.121 | VV | 1052    | 4276     | 0.03%   | 0.004%  |
| 140 | 10.124 | 10.121 | 10.128 | VV | 1031    | 4129     | 0.03%   | 0.004%  |
| 141 | 10.162 | 10.128 | 10.169 | VV | 2139    | 38903    | 0.24%   | 0.038%  |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.198 | 10.169 | 10.224 | VV | 5829   | 122101  | 0.75%  | 0.119% |
| 143 | 10.240 | 10.224 | 10.269 | VV | 5691   | 102708  | 0.63%  | 0.100% |
| 144 | 10.278 | 10.269 | 10.296 | VV | 3437   | 51637   | 0.32%  | 0.050% |
| 145 | 10.324 | 10.296 | 10.363 | VV | 7228   | 155908  | 0.96%  | 0.152% |
| 146 | 10.369 | 10.363 | 10.375 | VV | 2129   | 14980   | 0.09%  | 0.015% |
| 147 | 10.428 | 10.375 | 10.452 | VV | 22423  | 454758  | 2.81%  | 0.442% |
| 148 | 10.456 | 10.452 | 10.470 | VV | 3074   | 31032   | 0.19%  | 0.030% |
| 149 | 10.486 | 10.470 | 10.496 | VV | 5394   | 66927   | 0.41%  | 0.065% |
| 150 | 10.506 | 10.496 | 10.540 | VV | 5564   | 78501   | 0.48%  | 0.076% |
| 151 | 10.561 | 10.540 | 10.572 | VV | 2127   | 29427   | 0.18%  | 0.029% |
| 152 | 10.598 | 10.572 | 10.619 | VV | 2639   | 62650   | 0.39%  | 0.061% |
| 153 | 10.633 | 10.619 | 10.654 | VV | 2104   | 33631   | 0.21%  | 0.033% |
| 154 | 10.691 | 10.654 | 10.704 | VV | 2477   | 44156   | 0.27%  | 0.043% |
| 155 | 10.763 | 10.704 | 10.792 | VV | 16449  | 306394  | 1.89%  | 0.298% |
| 156 | 10.828 | 10.792 | 10.862 | VV | 1312   | 31626   | 0.20%  | 0.031% |
| 157 | 10.884 | 10.862 | 10.920 | PV | 1957   | 42862   | 0.26%  | 0.042% |
| 158 | 10.929 | 10.920 | 10.951 | VV | 1401   | 18929   | 0.12%  | 0.018% |
| 159 | 10.959 | 10.951 | 10.982 | VV | 579    | 6552    | 0.04%  | 0.006% |
| 160 | 11.029 | 10.982 | 11.050 | VV | 2507   | 58611   | 0.36%  | 0.057% |
| 161 | 11.072 | 11.050 | 11.091 | VV | 4115   | 63166   | 0.39%  | 0.061% |
| 162 | 11.107 | 11.091 | 11.127 | VV | 2761   | 45105   | 0.28%  | 0.044% |
| 163 | 11.155 | 11.127 | 11.181 | VV | 9250   | 152017  | 0.94%  | 0.148% |
| 164 | 11.217 | 11.181 | 11.286 | VV | 6851   | 240223  | 1.48%  | 0.234% |
| 165 | 11.302 | 11.286 | 11.323 | VV | 1461   | 24182   | 0.15%  | 0.024% |
| 166 | 11.366 | 11.323 | 11.377 | VV | 4165   | 63950   | 0.39%  | 0.062% |
| 167 | 11.414 | 11.377 | 11.432 | VV | 7884   | 191266  | 1.18%  | 0.186% |
| 168 | 11.442 | 11.432 | 11.475 | VV | 5185   | 68629   | 0.42%  | 0.067% |
| 169 | 11.526 | 11.475 | 11.573 | VV | 683590 | 7654528 | 47.26% | 7.447% |
| 170 | 11.590 | 11.573 | 11.609 | VV | 2564   | 44237   | 0.27%  | 0.043% |
| 171 | 11.619 | 11.609 | 11.630 | VV | 1859   | 21430   | 0.13%  | 0.021% |
| 172 | 11.688 | 11.630 | 11.719 | VV | 4520   | 154824  | 0.96%  | 0.151% |
| 173 | 11.735 | 11.719 | 11.751 | VV | 3648   | 52961   | 0.33%  | 0.052% |
| 174 | 11.783 | 11.751 | 11.826 | VV | 5544   | 139935  | 0.86%  | 0.136% |
| 175 | 11.875 | 11.826 | 11.896 | VV | 5176   | 148025  | 0.91%  | 0.144% |
| 176 | 11.926 | 11.896 | 11.947 | VV | 8959   | 160703  | 0.99%  | 0.156% |
| 177 | 11.964 | 11.947 | 12.002 | VV | 4192   | 79276   | 0.49%  | 0.077% |
| 178 | 12.034 | 12.002 | 12.067 | VV | 5848   | 127708  | 0.79%  | 0.124% |
| 179 | 12.091 | 12.067 | 12.109 | VV | 9124   | 143646  | 0.89%  | 0.140% |
| 180 | 12.114 | 12.109 | 12.138 | VV | 4583   | 51830   | 0.32%  | 0.050% |
| 181 | 12.183 | 12.138 | 12.205 | VV | 1900   | 65827   | 0.41%  | 0.064% |
| 182 | 12.227 | 12.205 | 12.243 | VV | 2033   | 38185   | 0.24%  | 0.037% |
| 183 | 12.256 | 12.243 | 12.272 | VV | 2467   | 38958   | 0.24%  | 0.038% |
| 184 | 12.288 | 12.272 | 12.304 | VV | 2697   | 43059   | 0.27%  | 0.042% |
| 185 | 12.340 | 12.304 | 12.359 | VV | 8081   | 148672  | 0.92%  | 0.145% |
| 186 | 12.376 | 12.359 | 12.398 | VV | 7435   | 117445  | 0.73%  | 0.114% |
| 187 | 12.412 | 12.398 | 12.425 | VV | 2840   | 39659   | 0.24%  | 0.039% |
| 188 | 12.452 | 12.425 | 12.487 | VV | 3213   | 92165   | 0.57%  | 0.090% |
| 189 | 12.515 | 12.487 | 12.540 | VV | 5604   | 102829  | 0.63%  | 0.100% |
| 190 | 12.547 | 12.540 | 12.554 | VV | 2322   | 18703   | 0.12%  | 0.018% |
| 191 | 12.574 | 12.554 | 12.591 | VV | 2832   | 55550   | 0.34%  | 0.054% |
| 192 | 12.629 | 12.591 | 12.649 | VV | 3681   | 94969   | 0.59%  | 0.092% |
| 193 | 12.669 | 12.649 | 12.707 | VV | 3395   | 88835   | 0.55%  | 0.086% |
| 194 | 12.712 | 12.707 | 12.716 | VV | 1962   | 10569   | 0.07%  | 0.010% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.735 | 12.716 | 12.742 | VV | 2215   | 32579   | 0.20%  | 0.032% |
| 196 | 12.790 | 12.742 | 12.825 | VV | 5194   | 168699  | 1.04%  | 0.164% |
| 197 | 12.843 | 12.825 | 12.852 | VV | 3030   | 45967   | 0.28%  | 0.045% |
| 198 | 12.874 | 12.852 | 12.880 | VV | 4019   | 59317   | 0.37%  | 0.058% |
| 199 | 12.913 | 12.880 | 12.930 | VV | 5560   | 140141  | 0.87%  | 0.136% |
| 200 | 12.958 | 12.930 | 12.996 | VV | 141577 | 1794896 | 11.08% | 1.746% |
| 201 | 13.001 | 12.996 | 13.035 | VV | 6406   | 120808  | 0.75%  | 0.118% |
| 202 | 13.068 | 13.035 | 13.090 | VV | 4784   | 138145  | 0.85%  | 0.134% |
| 203 | 13.098 | 13.090 | 13.105 | VV | 4230   | 36832   | 0.23%  | 0.036% |
| 204 | 13.127 | 13.105 | 13.153 | VV | 6748   | 148451  | 0.92%  | 0.144% |
| 205 | 13.178 | 13.153 | 13.239 | VV | 8746   | 285930  | 1.77%  | 0.278% |
| 206 | 13.255 | 13.239 | 13.274 | VV | 4410   | 87596   | 0.54%  | 0.085% |
| 207 | 13.293 | 13.274 | 13.311 | VV | 4530   | 92140   | 0.57%  | 0.090% |
| 208 | 13.355 | 13.311 | 13.378 | VV | 7159   | 219995  | 1.36%  | 0.214% |
| 209 | 13.405 | 13.378 | 13.449 | VV | 6344   | 231142  | 1.43%  | 0.225% |
| 210 | 13.468 | 13.449 | 13.489 | VV | 7774   | 155441  | 0.96%  | 0.151% |
| 211 | 13.511 | 13.489 | 13.518 | VV | 6029   | 98739   | 0.61%  | 0.096% |
| 212 | 13.549 | 13.518 | 13.568 | VV | 7195   | 193318  | 1.19%  | 0.188% |
| 213 | 13.594 | 13.568 | 13.607 | VV | 6795   | 148025  | 0.91%  | 0.144% |
| 214 | 13.622 | 13.607 | 13.640 | VV | 6655   | 125077  | 0.77%  | 0.122% |
| 215 | 13.653 | 13.640 | 13.678 | VV | 5941   | 122230  | 0.75%  | 0.119% |
| 216 | 13.682 | 13.678 | 13.687 | VV | 4985   | 27898   | 0.17%  | 0.027% |
| 217 | 13.711 | 13.687 | 13.727 | VV | 7116   | 143635  | 0.89%  | 0.140% |
| 218 | 13.744 | 13.727 | 13.757 | VV | 6724   | 114436  | 0.71%  | 0.111% |
| 219 | 13.767 | 13.757 | 13.782 | VV | 6162   | 86926   | 0.54%  | 0.085% |
| 220 | 13.811 | 13.782 | 13.843 | VV | 6706   | 219905  | 1.36%  | 0.214% |
| 221 | 13.853 | 13.843 | 13.873 | VV | 5591   | 96008   | 0.59%  | 0.093% |
| 222 | 13.939 | 13.873 | 13.969 | VV | 8513   | 377162  | 2.33%  | 0.367% |
| 223 | 13.978 | 13.969 | 13.990 | VV | 6667   | 79404   | 0.49%  | 0.077% |
| 224 | 14.005 | 13.990 | 14.025 | VV | 7129   | 137098  | 0.85%  | 0.133% |
| 225 | 14.042 | 14.025 | 14.053 | VV | 6292   | 100987  | 0.62%  | 0.098% |
| 226 | 14.071 | 14.053 | 14.087 | VV | 6886   | 131142  | 0.81%  | 0.128% |
| 227 | 14.103 | 14.087 | 14.109 | VV | 7220   | 93150   | 0.58%  | 0.091% |
| 228 | 14.142 | 14.109 | 14.163 | VV | 9251   | 250050  | 1.54%  | 0.243% |
| 229 | 14.183 | 14.163 | 14.193 | VV | 7397   | 127323  | 0.79%  | 0.124% |
| 230 | 14.203 | 14.193 | 14.223 | VV | 7289   | 125480  | 0.77%  | 0.122% |
| 231 | 14.235 | 14.223 | 14.254 | VV | 7127   | 126630  | 0.78%  | 0.123% |
| 232 | 14.269 | 14.254 | 14.300 | VV | 7767   | 196328  | 1.21%  | 0.191% |
| 233 | 14.335 | 14.300 | 14.359 | VV | 8676   | 269192  | 1.66%  | 0.262% |
| 234 | 14.367 | 14.359 | 14.383 | VV | 7631   | 108724  | 0.67%  | 0.106% |
| 235 | 14.410 | 14.383 | 14.453 | VV | 9826   | 329193  | 2.03%  | 0.320% |
| 236 | 14.481 | 14.453 | 14.510 | VV | 9772   | 280293  | 1.73%  | 0.273% |
| 237 | 14.520 | 14.510 | 14.527 | VV | 8256   | 79308   | 0.49%  | 0.077% |
| 238 | 14.530 | 14.527 | 14.540 | VV | 7981   | 59456   | 0.37%  | 0.058% |
| 239 | 14.553 | 14.540 | 14.567 | VV | 8141   | 127480  | 0.79%  | 0.124% |
| 240 | 14.589 | 14.567 | 14.608 | VV | 8410   | 188518  | 1.16%  | 0.183% |
| 241 | 14.629 | 14.608 | 14.636 | VV | 7882   | 122736  | 0.76%  | 0.119% |
| 242 | 14.667 | 14.636 | 14.679 | VV | 8428   | 205070  | 1.27%  | 0.200% |
| 243 | 14.696 | 14.679 | 14.714 | VV | 9311   | 176919  | 1.09%  | 0.172% |
| 244 | 14.748 | 14.714 | 14.758 | VV | 8722   | 210205  | 1.30%  | 0.204% |
| 245 | 14.772 | 14.758 | 14.799 | VV | 9060   | 201756  | 1.25%  | 0.196% |
| 246 | 14.814 | 14.799 | 14.835 | VV | 9264   | 185482  | 1.15%  | 0.180% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 14.888 | 14.835 | 14.904 | VV | 9425   | 362709 | 2.24% | 0.353% |
| 248 | 14.913 | 14.904 | 14.929 | VV | 8880   | 129208 | 0.80% | 0.126% |
| 249 | 14.945 | 14.929 | 14.961 | VV | 9376   | 172078 | 1.06% | 0.167% |
| 250 | 14.965 | 14.961 | 14.977 | VV | 8766   | 80175  | 0.49% | 0.078% |
| 251 | 15.010 | 14.977 | 15.040 | VV | 11083  | 363885 | 2.25% | 0.354% |
| 252 | 15.059 | 15.040 | 15.071 | VV | 10377  | 178082 | 1.10% | 0.173% |
| 253 | 15.108 | 15.071 | 15.137 | VV | 11674  | 421884 | 2.60% | 0.410% |
| 254 | 15.143 | 15.137 | 15.154 | VV | 9943   | 99629  | 0.62% | 0.097% |
| 255 | 15.170 | 15.154 | 15.177 | VV | 10647  | 135839 | 0.84% | 0.132% |
| 256 | 15.184 | 15.177 | 15.189 | VV | 10478  | 74946  | 0.46% | 0.073% |
| 257 | 15.197 | 15.189 | 15.212 | VV | 10637  | 144069 | 0.89% | 0.140% |
| 258 | 15.240 | 15.212 | 15.275 | VV | 12729  | 434797 | 2.68% | 0.423% |
| 259 | 15.287 | 15.275 | 15.296 | VV | 11293  | 138411 | 0.85% | 0.135% |
| 260 | 15.314 | 15.296 | 15.327 | VV | 12788  | 225675 | 1.39% | 0.220% |
| 261 | 15.348 | 15.327 | 15.364 | VV | 13638  | 285248 | 1.76% | 0.278% |
| 262 | 15.379 | 15.364 | 15.402 | VV | 12901  | 283910 | 1.75% | 0.276% |
| 263 | 15.422 | 15.402 | 15.445 | VV | 12345  | 309276 | 1.91% | 0.301% |
| 264 | 15.463 | 15.445 | 15.474 | VV | 12492  | 210743 | 1.30% | 0.205% |
| 265 | 15.478 | 15.474 | 15.483 | VV | 11983  | 66685  | 0.41% | 0.065% |
| 266 | 15.513 | 15.483 | 15.539 | VV | 15736  | 466179 | 2.88% | 0.454% |
| 267 | 15.543 | 15.539 | 15.562 | VV | 14318  | 193463 | 1.19% | 0.188% |
| 268 | 15.578 | 15.562 | 15.587 | VV | 13821  | 196844 | 1.22% | 0.192% |
| 269 | 15.592 | 15.587 | 15.610 | VV | 13782  | 190131 | 1.17% | 0.185% |
| 270 | 15.654 | 15.610 | 15.670 | VV | 16096  | 531252 | 3.28% | 0.517% |
| 271 | 15.684 | 15.670 | 15.705 | VV | 15182  | 313300 | 1.93% | 0.305% |
| 272 | 15.719 | 15.705 | 15.734 | VV | 15171  | 261060 | 1.61% | 0.254% |
| 273 | 15.756 | 15.734 | 15.780 | VV | 15973  | 419142 | 2.59% | 0.408% |
| 274 | 15.801 | 15.780 | 15.809 | VV | 16293  | 266564 | 1.65% | 0.259% |
| 275 | 15.833 | 15.809 | 15.853 | VV | 18014  | 439376 | 2.71% | 0.427% |
| 276 | 15.869 | 15.853 | 15.912 | VV | 17219  | 572304 | 3.53% | 0.557% |
| 277 | 15.927 | 15.912 | 15.955 | VV | 15706  | 397103 | 2.45% | 0.386% |
| 278 | 15.964 | 15.955 | 15.972 | VV | 15450  | 149198 | 0.92% | 0.145% |
| 279 | 16.002 | 15.972 | 16.042 | VV | 18684  | 704016 | 4.35% | 0.685% |
| 280 | 16.061 | 16.042 | 16.084 | VV | 16291  | 404203 | 2.50% | 0.393% |
| 281 | 16.131 | 16.084 | 16.159 | VV | 18873  | 761229 | 4.70% | 0.741% |
| 282 | 16.164 | 16.159 | 16.183 | VV | 17386  | 246053 | 1.52% | 0.239% |
| 283 | 16.195 | 16.183 | 16.241 | VV | 16775  | 549859 | 3.39% | 0.535% |
| 284 | 16.259 | 16.241 | 16.277 | VV | 16997  | 347827 | 2.15% | 0.338% |
| 285 | 16.283 | 16.277 | 16.295 | VV | 16121  | 171860 | 1.06% | 0.167% |
| 286 | 16.314 | 16.295 | 16.323 | VV | 17390  | 279846 | 1.73% | 0.272% |
| 287 | 16.335 | 16.323 | 16.371 | VV | 18095  | 499484 | 3.08% | 0.486% |
| 288 | 16.394 | 16.371 | 16.418 | VV | 17642  | 468680 | 2.89% | 0.456% |
| 289 | 16.422 | 16.418 | 16.444 | VV | 16700  | 262757 | 1.62% | 0.256% |
| 290 | 16.474 | 16.444 | 16.492 | VV | 20136  | 524473 | 3.24% | 0.510% |
| 291 | 16.507 | 16.492 | 16.516 | VV | 19076  | 268373 | 1.66% | 0.261% |
| 292 | 16.533 | 16.516 | 16.539 | VV | 18533  | 248727 | 1.54% | 0.242% |
| 293 | 16.540 | 16.539 | 16.568 | VV | 18668  | 308432 | 1.90% | 0.300% |
| 294 | 16.582 | 16.568 | 16.596 | VV | 17436  | 297383 | 1.84% | 0.289% |
| 295 | 16.612 | 16.596 | 16.617 | VV | 17645  | 215568 | 1.33% | 0.210% |
| 296 | 16.637 | 16.617 | 16.644 | VV | 19014  | 294992 | 1.82% | 0.287% |
| 297 | 16.651 | 16.644 | 16.657 | VV | 19101  | 143322 | 0.88% | 0.139% |
| 298 | 16.663 | 16.657 | 16.672 | VV | 18495  | 165515 | 1.02% | 0.161% |
| 299 | 16.681 | 16.672 | 16.694 | VV | 18628  | 234246 | 1.45% | 0.228% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 300 | 16.700 | 16.694 | 16.721 | VV | 17771  | 274594  | 1.70% | 0.267% |
| 301 | 16.742 | 16.721 | 16.762 | VV | 18487  | 422598  | 2.61% | 0.411% |
| 302 | 16.773 | 16.762 | 16.780 | VV | 17878  | 199151  | 1.23% | 0.194% |
| 303 | 16.785 | 16.780 | 16.786 | VV | 17904  | 63675   | 0.39% | 0.062% |
| 304 | 16.805 | 16.786 | 16.810 | VV | 18908  | 262302  | 1.62% | 0.255% |
| 305 | 16.817 | 16.810 | 16.848 | VV | 19080  | 413135  | 2.55% | 0.402% |
| 306 | 16.861 | 16.848 | 16.865 | VV | 17165  | 163882  | 1.01% | 0.159% |
| 307 | 16.894 | 16.865 | 16.904 | VV | 18060  | 412653  | 2.55% | 0.401% |
| 308 | 16.934 | 16.904 | 16.965 | VV | 23173  | 779598  | 4.81% | 0.758% |
| 309 | 16.982 | 16.965 | 16.995 | VV | 25874  | 435970  | 2.69% | 0.424% |
| 310 | 17.000 | 16.995 | 17.060 | VV | 25583  | 907188  | 5.60% | 0.883% |
| 311 | 17.092 | 17.060 | 17.143 | VV | 28244  | 1125308 | 6.95% | 1.095% |
| 312 | 17.147 | 17.143 | 17.157 | VV | 19780  | 167040  | 1.03% | 0.163% |
| 313 | 17.162 | 17.157 | 17.182 | VV | 19493  | 282341  | 1.74% | 0.275% |
| 314 | 17.191 | 17.182 | 17.209 | VV | 18216  | 284954  | 1.76% | 0.277% |
| 315 | 17.213 | 17.209 | 17.252 | VV | 18028  | 453799  | 2.80% | 0.441% |
| 316 | 17.262 | 17.252 | 17.270 | VV | 17824  | 192216  | 1.19% | 0.187% |
| 317 | 17.275 | 17.270 | 17.300 | VV | 17469  | 303892  | 1.88% | 0.296% |
| 318 | 17.342 | 17.300 | 17.354 | VV | 17131  | 529459  | 3.27% | 0.515% |
| 319 | 17.367 | 17.354 | 17.451 | VV | 17839  | 929952  | 5.74% | 0.905% |
| 320 | 17.486 | 17.451 | 17.527 | VV | 17184  | 694572  | 4.29% | 0.676% |
| 321 | 17.535 | 17.527 | 17.544 | VV | 14316  | 140156  | 0.87% | 0.136% |
| 322 | 17.563 | 17.544 | 17.569 | VV | 14913  | 213953  | 1.32% | 0.208% |
| 323 | 17.592 | 17.569 | 17.608 | VV | 21429  | 451681  | 2.79% | 0.439% |
| 324 | 17.612 | 17.608 | 17.619 | VV | 20580  | 137361  | 0.85% | 0.134% |
| 325 | 17.632 | 17.619 | 17.653 | VV | 21749  | 428607  | 2.65% | 0.417% |
| 326 | 17.656 | 17.653 | 17.682 | VV | 20860  | 347092  | 2.14% | 0.338% |
| 327 | 17.691 | 17.682 | 17.767 | VV | 19191  | 911179  | 5.63% | 0.886% |
| 328 | 17.802 | 17.767 | 17.859 | VV | 19762  | 932287  | 5.76% | 0.907% |
| 329 | 17.865 | 17.859 | 17.890 | VV | 14523  | 265741  | 1.64% | 0.259% |
| 330 | 17.907 | 17.890 | 17.925 | VV | 14117  | 283981  | 1.75% | 0.276% |
| 331 | 17.931 | 17.925 | 17.963 | VV | 13842  | 300208  | 1.85% | 0.292% |
| 332 | 17.976 | 17.963 | 17.980 | VV | 12690  | 124433  | 0.77% | 0.121% |
| 333 | 17.985 | 17.980 | 17.992 | VV | 13094  | 94562   | 0.58% | 0.092% |
| 334 | 18.002 | 17.992 | 18.015 | VV | 12744  | 174007  | 1.07% | 0.169% |
| 335 | 18.021 | 18.015 | 18.032 | VV | 12892  | 130750  | 0.81% | 0.127% |
| 336 | 18.037 | 18.032 | 18.052 | VV | 12508  | 144502  | 0.89% | 0.141% |
| 337 | 18.085 | 18.052 | 18.129 | VV | 13130  | 560146  | 3.46% | 0.545% |
| 338 | 18.132 | 18.129 | 18.148 | VV | 11139  | 120228  | 0.74% | 0.117% |
| 339 | 18.170 | 18.148 | 18.195 | VV | 12896  | 336140  | 2.08% | 0.327% |
| 340 | 18.214 | 18.195 | 18.265 | VV | 12570  | 466317  | 2.88% | 0.454% |
| 341 | 18.283 | 18.265 | 18.289 | VV | 10688  | 150392  | 0.93% | 0.146% |
| 342 | 18.299 | 18.289 | 18.320 | VV | 10637  | 191787  | 1.18% | 0.187% |
| 343 | 18.326 | 18.320 | 18.331 | VV | 10485  | 71673   | 0.44% | 0.070% |
| 344 | 18.337 | 18.331 | 18.353 | VV | 10477  | 130685  | 0.81% | 0.127% |
| 345 | 18.362 | 18.353 | 18.395 | VV | 10688  | 262940  | 1.62% | 0.256% |
| 346 | 18.399 | 18.395 | 18.408 | VV | 10106  | 73619   | 0.45% | 0.072% |
| 347 | 18.412 | 18.408 | 18.419 | VV | 9661   | 63198   | 0.39% | 0.061% |
| 348 | 18.430 | 18.419 | 18.445 | VV | 10213  | 159806  | 0.99% | 0.155% |
| 349 | 18.464 | 18.445 | 18.472 | VV | 10319  | 161972  | 1.00% | 0.158% |
| 350 | 18.494 | 18.472 | 18.528 | VV | 11237  | 344348  | 2.13% | 0.335% |
| 351 | 18.535 | 18.528 | 18.544 | VV | 9508   | 90296   | 0.56% | 0.088% |

352 18.548 18.544 18.560 VBA 9310 103735 0.64% 0.101%  
rteres  
Sum of corrected areas: 102789864

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