

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110520AR\  
 Data File : FD035358.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Nov 2020 21:37  
 Sample : L4215-03MSD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110220.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         | 4.438       | 4.412        | 4.484      | BV       | 513383         | 4456656      | 2.98%          | 1.054%        |
| 2         | 4.492       | 4.484        | 4.524      | VV       | 761            | 9089         | 0.01%          | 0.002%        |
| 3         | 4.544       | 4.524        | 4.589      | PV       | 3829           | 39167        | 0.03%          | 0.009%        |
| 4         | 4.630       | 4.589        | 4.667      | VV       | 726            | 18384        | 0.01%          | 0.004%        |
| 5         | 4.677       | 4.667        | 4.694      | PV       | 365            | 3316         | 0.00%          | 0.001%        |
| 6         | 4.748       | 4.724        | 4.761      | PV       | 996            | 11838        | 0.01%          | 0.003%        |
| 7         | 4.776       | 4.761        | 4.799      | VV       | 1224           | 15980        | 0.01%          | 0.004%        |
| 8         | 4.816       | 4.799        | 4.832      | VV       | 691            | 9693         | 0.01%          | 0.002%        |
| 9         | 4.849       | 4.832        | 4.909      | VV       | 1281           | 19257        | 0.01%          | 0.005%        |
| 10        | 4.927       | 4.909        | 4.938      | PV       | 678            | 7078         | 0.00%          | 0.002%        |
| 11        | 4.947       | 4.938        | 4.967      | VV       | 625            | 7233         | 0.00%          | 0.002%        |
| 12        | 4.990       | 4.967        | 5.006      | VV       | 731            | 10459        | 0.01%          | 0.002%        |
| 13        | 5.026       | 5.006        | 5.066      | VV       | 6867           | 79379        | 0.05%          | 0.019%        |
| 14        | 5.085       | 5.066        | 5.100      | VV       | 3584           | 36838        | 0.02%          | 0.009%        |
| 15        | 5.113       | 5.100        | 5.129      | VV       | 1648           | 16467        | 0.01%          | 0.004%        |
| 16        | 5.137       | 5.129        | 5.155      | VV       | 572            | 6021         | 0.00%          | 0.001%        |
| 17        | 5.165       | 5.155        | 5.184      | VV       | 443            | 4752         | 0.00%          | 0.001%        |
| 18        | 5.218       | 5.184        | 5.236      | VV       | 940            | 11316        | 0.01%          | 0.003%        |
| 19        | 5.255       | 5.236        | 5.283      | VV       | 1300           | 16893        | 0.01%          | 0.004%        |
| 20        | 5.306       | 5.283        | 5.314      | VV       | 1043           | 12227        | 0.01%          | 0.003%        |
| 21        | 5.321       | 5.314        | 5.365      | VV       | 1010           | 12353        | 0.01%          | 0.003%        |
| 22        | 5.395       | 5.365        | 5.416      | PV       | 1307           | 16104        | 0.01%          | 0.004%        |
| 23        | 5.432       | 5.416        | 5.452      | VV       | 2304           | 33361        | 0.02%          | 0.008%        |
| 24        | 5.469       | 5.452        | 5.489      | VV       | 7904           | 83240        | 0.06%          | 0.020%        |
| 25        | 5.501       | 5.489        | 5.510      | VV       | 1168           | 11162        | 0.01%          | 0.003%        |
| 26        | 5.526       | 5.510        | 5.562      | VV       | 3375           | 39278        | 0.03%          | 0.009%        |
| 27        | 5.591       | 5.573        | 5.601      | VV       | 1244           | 12171        | 0.01%          | 0.003%        |
| 28        | 5.612       | 5.601        | 5.636      | VV       | 1374           | 19826        | 0.01%          | 0.005%        |
| 29        | 5.655       | 5.636        | 5.690      | VV       | 780            | 16545        | 0.01%          | 0.004%        |
| 30        | 5.711       | 5.690        | 5.748      | VV       | 2579           | 42570        | 0.03%          | 0.010%        |
| 31        | 5.765       | 5.748        | 5.783      | VV       | 1482           | 16041        | 0.01%          | 0.004%        |
| 32        | 5.803       | 5.783        | 5.822      | VV       | 2789           | 30794        | 0.02%          | 0.007%        |
| 33        | 5.844       | 5.822        | 5.867      | VV       | 839            | 17150        | 0.01%          | 0.004%        |
| 34        | 5.882       | 5.867        | 5.904      | VV       | 1254           | 15013        | 0.01%          | 0.004%        |
| 35        | 5.934       | 5.904        | 5.951      | PV       | 1121           | 19378        | 0.01%          | 0.005%        |
| 36        | 5.978       | 5.951        | 6.052      | VV       | 626217         | 5804665      | 3.89%          | 1.373%        |

| rteres |       |       |       |    |        |         |       |        |
|--------|-------|-------|-------|----|--------|---------|-------|--------|
| 37     | 6.066 | 6.052 | 6.089 | VV | 1737   | 28131   | 0.02% | 0.007% |
| 38     | 6.120 | 6.089 | 6.143 | VV | 2785   | 59411   | 0.04% | 0.014% |
| 39     | 6.152 | 6.143 | 6.177 | VV | 1227   | 20012   | 0.01% | 0.005% |
| 40     | 6.192 | 6.177 | 6.201 | VV | 1827   | 18160   | 0.01% | 0.004% |
|        |       |       |       |    |        |         |       |        |
| 41     | 6.221 | 6.201 | 6.318 | VV | 119842 | 1329312 | 0.89% | 0.314% |
| 42     | 6.344 | 6.318 | 6.377 | VV | 3141   | 55208   | 0.04% | 0.013% |
| 43     | 6.406 | 6.377 | 6.464 | VV | 43274  | 452755  | 0.30% | 0.107% |
| 44     | 6.491 | 6.464 | 6.507 | VV | 1102   | 16948   | 0.01% | 0.004% |
| 45     | 6.523 | 6.507 | 6.542 | VV | 1284   | 20245   | 0.01% | 0.005% |
|        |       |       |       |    |        |         |       |        |
| 46     | 6.553 | 6.542 | 6.579 | VV | 1005   | 12395   | 0.01% | 0.003% |
| 47     | 6.605 | 6.579 | 6.620 | VV | 1499   | 17276   | 0.01% | 0.004% |
| 48     | 6.627 | 6.620 | 6.641 | VV | 601    | 5440    | 0.00% | 0.001% |
| 49     | 6.657 | 6.641 | 6.668 | VV | 831    | 8221    | 0.01% | 0.002% |
| 50     | 6.685 | 6.668 | 6.705 | VV | 2624   | 26542   | 0.02% | 0.006% |
|        |       |       |       |    |        |         |       |        |
| 51     | 6.719 | 6.705 | 6.731 | PV | 512    | 4524    | 0.00% | 0.001% |
| 52     | 6.748 | 6.731 | 6.771 | VV | 1713   | 21987   | 0.01% | 0.005% |
| 53     | 6.806 | 6.771 | 6.832 | VV | 8122   | 95734   | 0.06% | 0.023% |
| 54     | 6.841 | 6.832 | 6.857 | VV | 778    | 7104    | 0.00% | 0.002% |
| 55     | 6.880 | 6.857 | 6.898 | VV | 1156   | 16386   | 0.01% | 0.004% |
|        |       |       |       |    |        |         |       |        |
| 56     | 6.935 | 6.898 | 6.952 | VV | 5770   | 78794   | 0.05% | 0.019% |
| 57     | 6.966 | 6.952 | 6.995 | VV | 2839   | 38960   | 0.03% | 0.009% |
| 58     | 7.031 | 6.995 | 7.094 | VV | 667105 | 6526239 | 4.37% | 1.544% |
| 59     | 7.108 | 7.094 | 7.119 | VV | 2915   | 37955   | 0.03% | 0.009% |
| 60     | 7.126 | 7.119 | 7.149 | VV | 2461   | 32012   | 0.02% | 0.008% |
|        |       |       |       |    |        |         |       |        |
| 61     | 7.185 | 7.149 | 7.208 | VV | 7214   | 131495  | 0.09% | 0.031% |
| 62     | 7.224 | 7.208 | 7.237 | VV | 1808   | 25671   | 0.02% | 0.006% |
| 63     | 7.263 | 7.237 | 7.285 | VV | 2675   | 48077   | 0.03% | 0.011% |
| 64     | 7.310 | 7.285 | 7.352 | VV | 8782   | 160464  | 0.11% | 0.038% |
| 65     | 7.369 | 7.352 | 7.374 | VV | 2483   | 23795   | 0.02% | 0.006% |
|        |       |       |       |    |        |         |       |        |
| 66     | 7.389 | 7.374 | 7.439 | VV | 4107   | 81858   | 0.05% | 0.019% |
| 67     | 7.473 | 7.439 | 7.484 | PV | 908    | 10555   | 0.01% | 0.002% |
| 68     | 7.501 | 7.484 | 7.512 | VV | 3740   | 39951   | 0.03% | 0.009% |
| 69     | 7.522 | 7.512 | 7.540 | VV | 3056   | 41484   | 0.03% | 0.010% |
| 70     | 7.555 | 7.540 | 7.569 | VV | 2870   | 33597   | 0.02% | 0.008% |
|        |       |       |       |    |        |         |       |        |
| 71     | 7.588 | 7.569 | 7.608 | VV | 8317   | 93096   | 0.06% | 0.022% |
| 72     | 7.641 | 7.608 | 7.711 | VV | 719667 | 7274852 | 4.87% | 1.721% |
| 73     | 7.733 | 7.711 | 7.740 | VV | 3514   | 49215   | 0.03% | 0.012% |
| 74     | 7.755 | 7.740 | 7.781 | VV | 6052   | 88710   | 0.06% | 0.021% |
| 75     | 7.796 | 7.781 | 7.810 | VV | 1579   | 24103   | 0.02% | 0.006% |
|        |       |       |       |    |        |         |       |        |
| 76     | 7.821 | 7.810 | 7.830 | VV | 2032   | 20668   | 0.01% | 0.005% |
| 77     | 7.841 | 7.830 | 7.864 | VV | 2005   | 26280   | 0.02% | 0.006% |
| 78     | 7.889 | 7.864 | 7.902 | VV | 1474   | 22717   | 0.02% | 0.005% |
| 79     | 7.929 | 7.902 | 7.942 | VV | 4855   | 64998   | 0.04% | 0.015% |
| 80     | 7.953 | 7.942 | 7.973 | VV | 3884   | 45304   | 0.03% | 0.011% |
|        |       |       |       |    |        |         |       |        |
| 81     | 8.019 | 7.990 | 8.062 | VV | 2675   | 66529   | 0.04% | 0.016% |
| 82     | 8.130 | 8.062 | 8.146 | VV | 6155   | 132806  | 0.09% | 0.031% |
| 83     | 8.149 | 8.146 | 8.167 | VV | 4365   | 43941   | 0.03% | 0.010% |
| 84     | 8.195 | 8.167 | 8.225 | VV | 51196  | 563573  | 0.38% | 0.133% |
| 85     | 8.258 | 8.225 | 8.279 | VV | 20340  | 243159  | 0.16% | 0.058% |
|        |       |       |       |    |        |         |       |        |
| 86     | 8.308 | 8.279 | 8.346 | VV | 662566 | 6556169 | 4.39% | 1.551% |
| 87     | 8.359 | 8.346 | 8.372 | VV | 3572   | 46406   | 0.03% | 0.011% |
| 88     | 8.383 | 8.372 | 8.398 | VV | 3007   | 37619   | 0.03% | 0.009% |
| 89     | 8.419 | 8.398 | 8.454 | VV | 4578   | 77845   | 0.05% | 0.018% |

| rteres |        |        |        |    |        |         |       |        |
|--------|--------|--------|--------|----|--------|---------|-------|--------|
| 90     | 8.506  | 8.454  | 8.574  | VV | 483309 | 4946255 | 3.31% | 1.170% |
| 91     | 8.605  | 8.574  | 8.646  | VV | 735040 | 7311362 | 4.90% | 1.729% |
| 92     | 8.654  | 8.646  | 8.689  | VV | 4485   | 94410   | 0.06% | 0.022% |
| 93     | 8.695  | 8.689  | 8.703  | VV | 2078   | 16259   | 0.01% | 0.004% |
| 94     | 8.721  | 8.703  | 8.751  | VV | 2584   | 57772   | 0.04% | 0.014% |
| 95     | 8.762  | 8.751  | 8.767  | VV | 1289   | 11470   | 0.01% | 0.003% |
| 96     | 8.784  | 8.767  | 8.819  | VV | 2305   | 46665   | 0.03% | 0.011% |
| 97     | 8.840  | 8.819  | 8.861  | VV | 3744   | 58722   | 0.04% | 0.014% |
| 98     | 8.878  | 8.861  | 8.894  | VV | 2124   | 32141   | 0.02% | 0.008% |
| 99     | 8.926  | 8.894  | 8.977  | VV | 36307  | 468834  | 0.31% | 0.111% |
| 100    | 9.013  | 8.977  | 9.019  | VV | 6249   | 83826   | 0.06% | 0.020% |
| 101    | 9.028  | 9.019  | 9.084  | VV | 7266   | 148809  | 0.10% | 0.035% |
| 102    | 9.106  | 9.084  | 9.129  | VV | 2416   | 36879   | 0.02% | 0.009% |
| 103    | 9.161  | 9.129  | 9.180  | VV | 3117   | 53172   | 0.04% | 0.013% |
| 104    | 9.195  | 9.180  | 9.206  | VV | 2467   | 28227   | 0.02% | 0.007% |
| 105    | 9.238  | 9.206  | 9.264  | VV | 2547   | 68537   | 0.05% | 0.016% |
| 106    | 9.301  | 9.264  | 9.325  | VV | 4267   | 79458   | 0.05% | 0.019% |
| 107    | 9.342  | 9.325  | 9.354  | VV | 2709   | 33784   | 0.02% | 0.008% |
| 108    | 9.386  | 9.354  | 9.435  | VV | 714868 | 7469439 | 5.00% | 1.767% |
| 109    | 9.458  | 9.435  | 9.502  | VV | 6093   | 153258  | 0.10% | 0.036% |
| 110    | 9.525  | 9.502  | 9.547  | VV | 3806   | 69351   | 0.05% | 0.016% |
| 111    | 9.564  | 9.547  | 9.574  | VV | 2890   | 37568   | 0.03% | 0.009% |
| 112    | 9.596  | 9.574  | 9.647  | VV | 6261   | 157237  | 0.11% | 0.037% |
| 113    | 9.658  | 9.647  | 9.682  | VV | 2050   | 34525   | 0.02% | 0.008% |
| 114    | 9.706  | 9.682  | 9.716  | VV | 3456   | 49642   | 0.03% | 0.012% |
| 115    | 9.723  | 9.716  | 9.763  | VV | 3032   | 67348   | 0.05% | 0.016% |
| 116    | 9.787  | 9.763  | 9.812  | VV | 50534  | 571421  | 0.38% | 0.135% |
| 117    | 9.826  | 9.812  | 9.874  | VV | 3139   | 66719   | 0.04% | 0.016% |
| 118    | 9.893  | 9.874  | 9.935  | VV | 1149   | 22871   | 0.02% | 0.005% |
| 119    | 9.962  | 9.935  | 10.004 | PV | 1665   | 28236   | 0.02% | 0.007% |
| 120    | 10.032 | 10.004 | 10.044 | VV | 461    | 6485    | 0.00% | 0.002% |
| 121    | 10.065 | 10.044 | 10.095 | VV | 2566   | 36362   | 0.02% | 0.009% |
| 122    | 10.121 | 10.095 | 10.157 | VV | 1948   | 38586   | 0.03% | 0.009% |
| 123    | 10.186 | 10.157 | 10.202 | VV | 3309   | 51954   | 0.03% | 0.012% |
| 124    | 10.226 | 10.202 | 10.247 | VV | 2852   | 59273   | 0.04% | 0.014% |
| 125    | 10.259 | 10.247 | 10.282 | VV | 2362   | 34445   | 0.02% | 0.008% |
| 126    | 10.300 | 10.282 | 10.351 | VV | 2752   | 54623   | 0.04% | 0.013% |
| 127    | 10.372 | 10.351 | 10.387 | VV | 2171   | 30109   | 0.02% | 0.007% |
| 128    | 10.398 | 10.387 | 10.409 | VV | 1575   | 18858   | 0.01% | 0.004% |
| 129    | 10.435 | 10.409 | 10.461 | VV | 2613   | 57626   | 0.04% | 0.014% |
| 130    | 10.477 | 10.461 | 10.494 | VV | 2238   | 34860   | 0.02% | 0.008% |
| 131    | 10.523 | 10.494 | 10.551 | VV | 5775   | 105918  | 0.07% | 0.025% |
| 132    | 10.574 | 10.551 | 10.620 | VV | 29618  | 405556  | 0.27% | 0.096% |
| 133    | 10.654 | 10.620 | 10.696 | VV | 3534   | 71773   | 0.05% | 0.017% |
| 134    | 10.718 | 10.696 | 10.730 | PV | 1502   | 17866   | 0.01% | 0.004% |
| 135    | 10.748 | 10.730 | 10.754 | VV | 4408   | 40798   | 0.03% | 0.010% |
| 136    | 10.784 | 10.754 | 10.826 | VV | 683720 | 7282845 | 4.88% | 1.723% |
| 137    | 10.860 | 10.826 | 10.910 | VV | 651646 | 7024543 | 4.70% | 1.662% |
| 138    | 10.920 | 10.910 | 10.930 | VV | 3333   | 38614   | 0.03% | 0.009% |
| 139    | 10.951 | 10.930 | 10.991 | VV | 4922   | 100270  | 0.07% | 0.024% |
| 140    | 11.018 | 10.991 | 11.041 | VV | 1786   | 40440   | 0.03% | 0.010% |
| 141    | 11.074 | 11.041 | 11.112 | VV | 6058   | 114102  | 0.08% | 0.027% |

|     |        |        |        |    | rteres  |           |         |         |
|-----|--------|--------|--------|----|---------|-----------|---------|---------|
| 142 | 11.146 | 11.112 | 11.175 | VV | 3832    | 77488     | 0.05%   | 0.018%  |
| 143 | 11.182 | 11.175 | 11.198 | VV | 1738    | 22122     | 0.01%   | 0.005%  |
| 144 | 11.225 | 11.198 | 11.259 | VV | 46353   | 554081    | 0.37%   | 0.131%  |
| 145 | 11.275 | 11.259 | 11.286 | VV | 4647    | 54366     | 0.04%   | 0.013%  |
|     |        |        |        |    |         |           |         |         |
| 146 | 11.302 | 11.286 | 11.337 | VV | 6908    | 126986    | 0.09%   | 0.030%  |
| 147 | 11.344 | 11.337 | 11.359 | VV | 1350    | 14135     | 0.01%   | 0.003%  |
| 148 | 11.377 | 11.359 | 11.398 | VV | 2071    | 31255     | 0.02%   | 0.007%  |
| 149 | 11.427 | 11.398 | 11.452 | VV | 2689    | 51979     | 0.03%   | 0.012%  |
| 150 | 11.469 | 11.452 | 11.489 | VV | 1332    | 18715     | 0.01%   | 0.004%  |
|     |        |        |        |    |         |           |         |         |
| 151 | 11.545 | 11.489 | 11.569 | PV | 650127  | 7162370   | 4.80%   | 1.694%  |
| 152 | 11.578 | 11.569 | 11.595 | VV | 6782    | 74010     | 0.05%   | 0.018%  |
| 153 | 11.611 | 11.595 | 11.655 | VV | 7248    | 108240    | 0.07%   | 0.026%  |
| 154 | 11.702 | 11.655 | 11.717 | VV | 9249    | 177683    | 0.12%   | 0.042%  |
| 155 | 11.726 | 11.717 | 11.740 | VV | 5384    | 57219     | 0.04%   | 0.014%  |
|     |        |        |        |    |         |           |         |         |
| 156 | 11.759 | 11.740 | 11.763 | VV | 8174    | 84319     | 0.06%   | 0.020%  |
| 157 | 11.781 | 11.763 | 11.812 | VV | 25673   | 327349    | 0.22%   | 0.077%  |
| 158 | 11.830 | 11.812 | 11.867 | VV | 4295    | 88335     | 0.06%   | 0.021%  |
| 159 | 11.891 | 11.867 | 11.909 | VV | 2790    | 48968     | 0.03%   | 0.012%  |
| 160 | 11.962 | 11.909 | 11.993 | VV | 1961736 | 25540466  | 17.10%  | 6.041%  |
|     |        |        |        |    |         |           |         |         |
| 161 | 11.999 | 11.993 | 12.027 | VV | 2714    | 29330     | 0.02%   | 0.007%  |
| 162 | 12.052 | 12.027 | 12.068 | VV | 2508    | 29661     | 0.02%   | 0.007%  |
| 163 | 12.079 | 12.068 | 12.091 | VV | 1216    | 12264     | 0.01%   | 0.003%  |
| 164 | 12.115 | 12.091 | 12.130 | VV | 3905    | 57700     | 0.04%   | 0.014%  |
| 165 | 12.148 | 12.130 | 12.202 | VV | 7800    | 129616    | 0.09%   | 0.031%  |
|     |        |        |        |    |         |           |         |         |
| 166 | 12.222 | 12.202 | 12.241 | VV | 5831    | 73783     | 0.05%   | 0.017%  |
| 167 | 12.255 | 12.241 | 12.270 | VV | 3089    | 40487     | 0.03%   | 0.010%  |
| 168 | 12.290 | 12.270 | 12.312 | VV | 6065    | 87473     | 0.06%   | 0.021%  |
| 169 | 12.326 | 12.312 | 12.338 | VV | 1889    | 26836     | 0.02%   | 0.006%  |
| 170 | 12.375 | 12.338 | 12.396 | VV | 21087   | 320414    | 0.21%   | 0.076%  |
|     |        |        |        |    |         |           |         |         |
| 171 | 12.411 | 12.396 | 12.432 | VV | 14401   | 180254    | 0.12%   | 0.043%  |
| 172 | 12.439 | 12.432 | 12.455 | VV | 3216    | 38864     | 0.03%   | 0.009%  |
| 173 | 12.477 | 12.455 | 12.499 | VV | 10286   | 145662    | 0.10%   | 0.034%  |
| 174 | 12.530 | 12.499 | 12.560 | VV | 44543   | 623734    | 0.42%   | 0.148%  |
| 175 | 12.602 | 12.560 | 12.649 | VV | 629010  | 7528898   | 5.04%   | 1.781%  |
|     |        |        |        |    |         |           |         |         |
| 176 | 12.655 | 12.649 | 12.671 | VV | 754     | 9373      | 0.01%   | 0.002%  |
| 177 | 12.691 | 12.671 | 12.708 | VV | 2535    | 40143     | 0.03%   | 0.009%  |
| 178 | 12.722 | 12.708 | 12.738 | VV | 2700    | 35374     | 0.02%   | 0.008%  |
| 179 | 12.753 | 12.738 | 12.762 | VV | 2109    | 23715     | 0.02%   | 0.006%  |
| 180 | 12.781 | 12.762 | 12.802 | VV | 8697    | 105601    | 0.07%   | 0.025%  |
|     |        |        |        |    |         |           |         |         |
| 181 | 12.816 | 12.802 | 12.822 | VV | 1786    | 18752     | 0.01%   | 0.004%  |
| 182 | 12.834 | 12.822 | 12.861 | VV | 2332    | 40050     | 0.03%   | 0.009%  |
| 183 | 12.897 | 12.861 | 12.927 | PV | 603050  | 6984770   | 4.68%   | 1.652%  |
| 184 | 13.020 | 12.927 | 13.040 | VV | 5279172 | 149327753 | 100.00% | 35.321% |
| 185 | 13.068 | 13.040 | 13.111 | VV | 4011677 | 63455113  | 42.49%  | 15.009% |
|     |        |        |        |    |         |           |         |         |
| 186 | 13.125 | 13.111 | 13.131 | VV | 15695   | 153057    | 0.10%   | 0.036%  |
| 187 | 13.148 | 13.131 | 13.170 | VV | 40457   | 571567    | 0.38%   | 0.135%  |
| 188 | 13.207 | 13.170 | 13.230 | VV | 940739  | 10962185  | 7.34%   | 2.593%  |
| 189 | 13.241 | 13.230 | 13.252 | VV | 17842   | 209125    | 0.14%   | 0.049%  |
| 190 | 13.260 | 13.252 | 13.278 | VV | 16537   | 214041    | 0.14%   | 0.051%  |
|     |        |        |        |    |         |           |         |         |
| 191 | 13.285 | 13.278 | 13.311 | VV | 9417    | 140046    | 0.09%   | 0.033%  |
| 192 | 13.318 | 13.311 | 13.334 | VV | 5241    | 65511     | 0.04%   | 0.015%  |
| 193 | 13.373 | 13.334 | 13.441 | VV | 23641   | 619679    | 0.41%   | 0.147%  |
| 194 | 13.489 | 13.441 | 13.521 | VV | 45635   | 787465    | 0.53%   | 0.186%  |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 195 | 13.527 | 13.521 | 13.549 | VV | 6951   | 90805   | 0.06% | 0.021% |
| 196 | 13.562 | 13.549 | 13.579 | VV | 4575   | 57642   | 0.04% | 0.014% |
| 197 | 13.604 | 13.579 | 13.630 | VV | 11072  | 202795  | 0.14% | 0.048% |
| 198 | 13.641 | 13.630 | 13.658 | VV | 7172   | 95881   | 0.06% | 0.023% |
| 199 | 13.677 | 13.658 | 13.696 | VV | 9535   | 132632  | 0.09% | 0.031% |
| 200 | 13.724 | 13.696 | 13.748 | VV | 39113  | 535254  | 0.36% | 0.127% |
| 201 | 13.765 | 13.748 | 13.790 | VV | 11022  | 185201  | 0.12% | 0.044% |
| 202 | 13.806 | 13.790 | 13.817 | VV | 6164   | 75867   | 0.05% | 0.018% |
| 203 | 13.839 | 13.817 | 13.872 | VV | 7171   | 168196  | 0.11% | 0.040% |
| 204 | 13.879 | 13.872 | 13.904 | VV | 2507   | 36159   | 0.02% | 0.009% |
| 205 | 13.933 | 13.904 | 13.946 | VV | 7586   | 120895  | 0.08% | 0.029% |
| 206 | 13.957 | 13.946 | 13.978 | VV | 6277   | 94136   | 0.06% | 0.022% |
| 207 | 14.005 | 13.978 | 14.016 | VV | 9420   | 150434  | 0.10% | 0.036% |
| 208 | 14.026 | 14.016 | 14.048 | VV | 9851   | 122896  | 0.08% | 0.029% |
| 209 | 14.062 | 14.048 | 14.074 | VV | 3091   | 39466   | 0.03% | 0.009% |
| 210 | 14.130 | 14.074 | 14.144 | VV | 10886  | 236173  | 0.16% | 0.056% |
| 211 | 14.175 | 14.144 | 14.200 | VV | 44565  | 775168  | 0.52% | 0.183% |
| 212 | 14.213 | 14.200 | 14.256 | VV | 8521   | 162454  | 0.11% | 0.038% |
| 213 | 14.282 | 14.256 | 14.299 | VV | 3690   | 64112   | 0.04% | 0.015% |
| 214 | 14.340 | 14.299 | 14.371 | VV | 78610  | 1024771 | 0.69% | 0.242% |
| 215 | 14.395 | 14.371 | 14.428 | VV | 10616  | 207316  | 0.14% | 0.049% |
| 216 | 14.451 | 14.428 | 14.476 | VV | 12752  | 193928  | 0.13% | 0.046% |
| 217 | 14.500 | 14.476 | 14.507 | VV | 4083   | 58557   | 0.04% | 0.014% |
| 218 | 14.521 | 14.507 | 14.550 | VV | 5127   | 76403   | 0.05% | 0.018% |
| 219 | 14.571 | 14.550 | 14.592 | VV | 2646   | 39649   | 0.03% | 0.009% |
| 220 | 14.639 | 14.592 | 14.646 | VV | 4557   | 90217   | 0.06% | 0.021% |
| 221 | 14.650 | 14.646 | 14.685 | VV | 4455   | 52487   | 0.04% | 0.012% |
| 222 | 14.715 | 14.685 | 14.729 | VV | 1427   | 24949   | 0.02% | 0.006% |
| 223 | 14.771 | 14.729 | 14.789 | VV | 458986 | 6375775 | 4.27% | 1.508% |
| 224 | 14.815 | 14.789 | 14.855 | VV | 591313 | 7031877 | 4.71% | 1.663% |
| 225 | 14.875 | 14.855 | 14.899 | VV | 9356   | 172018  | 0.12% | 0.041% |
| 226 | 14.927 | 14.899 | 14.947 | VV | 6213   | 132611  | 0.09% | 0.031% |
| 227 | 14.963 | 14.947 | 14.984 | VV | 3481   | 60811   | 0.04% | 0.014% |
| 228 | 15.001 | 14.984 | 15.041 | VV | 2082   | 44064   | 0.03% | 0.010% |
| 229 | 15.072 | 15.041 | 15.094 | VV | 3526   | 65410   | 0.04% | 0.015% |
| 230 | 15.118 | 15.094 | 15.155 | VV | 2879   | 78360   | 0.05% | 0.019% |
| 231 | 15.161 | 15.155 | 15.167 | VV | 962    | 6569    | 0.00% | 0.002% |
| 232 | 15.196 | 15.167 | 15.265 | VV | 36255  | 625225  | 0.42% | 0.148% |
| 233 | 15.271 | 15.265 | 15.284 | VV | 1523   | 13616   | 0.01% | 0.003% |
| 234 | 15.348 | 15.284 | 15.367 | VV | 2990   | 88218   | 0.06% | 0.021% |
| 235 | 15.396 | 15.367 | 15.419 | VV | 63340  | 828482  | 0.55% | 0.196% |
| 236 | 15.431 | 15.419 | 15.451 | VV | 9852   | 120346  | 0.08% | 0.028% |
| 237 | 15.470 | 15.451 | 15.504 | VV | 6603   | 101768  | 0.07% | 0.024% |
| 238 | 15.520 | 15.504 | 15.539 | VV | 2065   | 34779   | 0.02% | 0.008% |
| 239 | 15.594 | 15.539 | 15.645 | VV | 5040   | 161161  | 0.11% | 0.038% |
| 240 | 15.671 | 15.645 | 15.697 | VV | 3068   | 57288   | 0.04% | 0.014% |
| 241 | 15.717 | 15.697 | 15.734 | VV | 3362   | 55510   | 0.04% | 0.013% |
| 242 | 15.754 | 15.734 | 15.776 | VV | 4000   | 71947   | 0.05% | 0.017% |
| 243 | 15.794 | 15.776 | 15.802 | VV | 2419   | 32368   | 0.02% | 0.008% |
| 244 | 15.837 | 15.802 | 15.870 | VV | 31572  | 482678  | 0.32% | 0.114% |
| 245 | 15.876 | 15.870 | 15.880 | VV | 3518   | 20943   | 0.01% | 0.005% |
| 246 | 15.897 | 15.880 | 15.931 | VV | 9294   | 140649  | 0.09% | 0.033% |

| rteres |        |        |        |    |        |         |       |        |
|--------|--------|--------|--------|----|--------|---------|-------|--------|
| 247    | 15.959 | 15.931 | 15.979 | VV | 1819   | 40602   | 0.03% | 0.010% |
| 248    | 16.024 | 15.979 | 16.048 | VV | 3386   | 94127   | 0.06% | 0.022% |
| 249    | 16.063 | 16.048 | 16.081 | VV | 3151   | 50075   | 0.03% | 0.012% |
| 250    | 16.106 | 16.081 | 16.115 | VV | 3215   | 57427   | 0.04% | 0.014% |
|        |        |        |        |    |        |         |       |        |
| 251    | 16.132 | 16.115 | 16.157 | VV | 3682   | 76000   | 0.05% | 0.018% |
| 252    | 16.207 | 16.157 | 16.256 | VV | 15454  | 411915  | 0.28% | 0.097% |
| 253    | 16.258 | 16.256 | 16.276 | VV | 3995   | 46867   | 0.03% | 0.011% |
| 254    | 16.323 | 16.276 | 16.338 | VV | 392976 | 6164419 | 4.13% | 1.458% |
| 255    | 16.356 | 16.338 | 16.424 | VV | 479308 | 5959059 | 3.99% | 1.410% |
|        |        |        |        |    |        |         |       |        |
| 256    | 16.446 | 16.424 | 16.468 | VV | 11526  | 201573  | 0.13% | 0.048% |
| 257    | 16.484 | 16.468 | 16.491 | VV | 5516   | 71042   | 0.05% | 0.017% |
| 258    | 16.499 | 16.491 | 16.520 | VV | 5329   | 87142   | 0.06% | 0.021% |
| 259    | 16.529 | 16.520 | 16.550 | VV | 5022   | 85246   | 0.06% | 0.020% |
| 260    | 16.565 | 16.550 | 16.579 | VV | 4709   | 77418   | 0.05% | 0.018% |
|        |        |        |        |    |        |         |       |        |
| 261    | 16.635 | 16.579 | 16.660 | VV | 19174  | 480102  | 0.32% | 0.114% |
| 262    | 16.701 | 16.660 | 16.754 | VV | 411258 | 5484743 | 3.67% | 1.297% |
| 263    | 16.785 | 16.754 | 16.817 | VV | 44843  | 873843  | 0.59% | 0.207% |
| 264    | 16.835 | 16.817 | 16.878 | VV | 13450  | 382664  | 0.26% | 0.091% |
| 265    | 16.882 | 16.878 | 16.885 | VV | 6590   | 30113   | 0.02% | 0.007% |
|        |        |        |        |    |        |         |       |        |
| 266    | 16.892 | 16.885 | 16.897 | VV | 6914   | 45031   | 0.03% | 0.011% |
| 267    | 16.938 | 16.897 | 16.972 | VV | 8249   | 332446  | 0.22% | 0.079% |
| 268    | 17.001 | 16.972 | 17.015 | VV | 8280   | 190720  | 0.13% | 0.045% |
| 269    | 17.053 | 17.015 | 17.068 | VV | 9678   | 273202  | 0.18% | 0.065% |
| 270    | 17.096 | 17.068 | 17.117 | VV | 9969   | 268329  | 0.18% | 0.063% |
|        |        |        |        |    |        |         |       |        |
| 271    | 17.144 | 17.117 | 17.171 | VV | 13073  | 329653  | 0.22% | 0.078% |
| 272    | 17.182 | 17.171 | 17.201 | VV | 10268  | 172202  | 0.12% | 0.041% |
| 273    | 17.228 | 17.201 | 17.255 | VV | 12070  | 336167  | 0.23% | 0.080% |
| 274    | 17.277 | 17.255 | 17.284 | VV | 10603  | 168939  | 0.11% | 0.040% |
| 275    | 17.294 | 17.284 | 17.300 | VV | 10756  | 100806  | 0.07% | 0.024% |
|        |        |        |        |    |        |         |       |        |
| 276    | 17.302 | 17.300 | 17.326 | VV | 10701  | 157524  | 0.11% | 0.037% |
| 277    | 17.347 | 17.326 | 17.372 | VV | 10632  | 273873  | 0.18% | 0.065% |
| 278    | 17.390 | 17.372 | 17.395 | VV | 10819  | 135388  | 0.09% | 0.032% |
| 279    | 17.397 | 17.395 | 17.402 | VV | 10650  | 48316   | 0.03% | 0.011% |
| 280    | 17.407 | 17.402 | 17.425 | VV | 10545  | 135390  | 0.09% | 0.032% |
|        |        |        |        |    |        |         |       |        |
| 281    | 17.492 | 17.425 | 17.507 | VV | 10948  | 507077  | 0.34% | 0.120% |
| 282    | 17.514 | 17.507 | 17.524 | VV | 10033  | 100702  | 0.07% | 0.024% |
| 283    | 17.596 | 17.524 | 17.612 | VV | 11694  | 565651  | 0.38% | 0.134% |
| 284    | 17.633 | 17.612 | 17.637 | VV | 12363  | 173967  | 0.12% | 0.041% |
| 285    | 17.666 | 17.637 | 17.695 | VV | 41737  | 805775  | 0.54% | 0.191% |
|        |        |        |        |    |        |         |       |        |
| 286    | 17.703 | 17.695 | 17.713 | VV | 11730  | 130449  | 0.09% | 0.031% |
| 287    | 17.755 | 17.713 | 17.783 | VV | 22689  | 684945  | 0.46% | 0.162% |
| 288    | 17.803 | 17.783 | 17.825 | VV | 15630  | 369642  | 0.25% | 0.087% |
| 289    | 17.835 | 17.825 | 17.841 | VV | 14965  | 137994  | 0.09% | 0.033% |
| 290    | 17.848 | 17.841 | 17.852 | VV | 14592  | 93106   | 0.06% | 0.022% |
|        |        |        |        |    |        |         |       |        |
| 291    | 17.860 | 17.852 | 17.882 | VV | 15011  | 249243  | 0.17% | 0.059% |
| 292    | 17.914 | 17.882 | 17.925 | VV | 14553  | 363375  | 0.24% | 0.086% |
| 293    | 17.964 | 17.925 | 17.982 | VV | 18105  | 530445  | 0.36% | 0.125% |
| 294    | 18.020 | 17.982 | 18.031 | VV | 30351  | 659910  | 0.44% | 0.156% |
| 295    | 18.071 | 18.031 | 18.084 | VV | 378483 | 5975083 | 4.00% | 1.413% |
|        |        |        |        |    |        |         |       |        |
| 296    | 18.105 | 18.084 | 18.167 | VV | 436419 | 6223104 | 4.17% | 1.472% |
| 297    | 18.193 | 18.167 | 18.208 | VV | 23293  | 529578  | 0.35% | 0.125% |
| 298    | 18.225 | 18.208 | 18.244 | VV | 22308  | 449911  | 0.30% | 0.106% |
| 299    | 18.250 | 18.244 | 18.269 | VV | 20236  | 284287  | 0.19% | 0.067% |

|     |        |        |        |     |                         |           |       |        |  |
|-----|--------|--------|--------|-----|-------------------------|-----------|-------|--------|--|
|     |        |        |        |     | rteres                  |           |       |        |  |
| 300 | 18.327 | 18.269 | 18.371 | VV  | 390507                  | 6326372   | 4.24% | 1.496% |  |
| 301 | 18.378 | 18.371 | 18.390 | VV  | 21025                   | 229857    | 0.15% | 0.054% |  |
| 302 | 18.396 | 18.390 | 18.401 | VBA | 21239                   | 154479    | 0.10% | 0.037% |  |
|     |        |        |        |     | Sum of corrected areas: | 422769098 |       |        |  |

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