

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC053019AL\  
 Data File : FC041552.D  
 Signal(s) : FID1A.CH  
 Acq On : 30 May 2019 14:13  
 Sample : K2648-03  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 051519.M  
 Title : GC Extractables

Signal : FID1A.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.480       | 3.452        | 3.494      | BV       | 214            | 2698         | 0.06%          | 0.002%        |
| 2         | 3.513       | 3.494        | 3.545      | VV       | 83             | 1496         | 0.04%          | 0.001%        |
| 3         | 3.554       | 3.545        | 3.576      | PV       | 139            | 1352         | 0.03%          | 0.001%        |
| 4         | 3.591       | 3.576        | 3.619      | VV       | 177            | 2768         | 0.07%          | 0.002%        |
| 5         | 3.627       | 3.619        | 3.664      | VV       | 155            | 2704         | 0.06%          | 0.002%        |
| 6         | 3.680       | 3.664        | 3.742      | VV       | 174            | 4687         | 0.11%          | 0.003%        |
| 7         | 3.779       | 3.742        | 3.809      | VV       | 267            | 5493         | 0.13%          | 0.004%        |
| 8         | 3.827       | 3.809        | 3.836      | VV       | 135            | 1498         | 0.04%          | 0.001%        |
| 9         | 3.859       | 3.836        | 3.914      | VV       | 244            | 6602         | 0.16%          | 0.005%        |
| 10        | 3.930       | 3.914        | 3.961      | VV       | 168            | 2428         | 0.06%          | 0.002%        |
| 11        | 3.981       | 3.961        | 4.024      | VV       | 286            | 4865         | 0.12%          | 0.003%        |
| 12        | 4.037       | 4.024        | 4.042      | VV       | 152            | 1336         | 0.03%          | 0.001%        |
| 13        | 4.068       | 4.042        | 4.094      | VV       | 242            | 4798         | 0.12%          | 0.003%        |
| 14        | 4.130       | 4.094        | 4.229      | VV       | 1026           | 26470        | 0.63%          | 0.019%        |
| 15        | 4.241       | 4.229        | 4.275      | VV       | 228            | 4738         | 0.11%          | 0.003%        |
| 16        | 4.320       | 4.275        | 4.343      | VV       | 428            | 10307        | 0.25%          | 0.007%        |
| 17        | 4.352       | 4.343        | 4.401      | VV       | 323            | 7915         | 0.19%          | 0.006%        |
| 18        | 4.425       | 4.401        | 4.445      | VV       | 248            | 5430         | 0.13%          | 0.004%        |
| 19        | 4.454       | 4.445        | 4.481      | VV       | 241            | 4072         | 0.10%          | 0.003%        |
| 20        | 4.513       | 4.481        | 4.536      | VV       | 247            | 6407         | 0.15%          | 0.005%        |
| 21        | 4.554       | 4.536        | 4.581      | VV       | 498            | 7578         | 0.18%          | 0.005%        |
| 22        | 4.600       | 4.581        | 4.615      | VV       | 291            | 4891         | 0.12%          | 0.003%        |
| 23        | 4.627       | 4.615        | 4.651      | VV       | 233            | 4301         | 0.10%          | 0.003%        |
| 24        | 4.663       | 4.651        | 4.686      | VV       | 185            | 3402         | 0.08%          | 0.002%        |
| 25        | 4.699       | 4.686        | 4.741      | VV       | 1064           | 13346        | 0.32%          | 0.009%        |
| 26        | 4.758       | 4.741        | 4.828      | VV       | 1279           | 22014        | 0.53%          | 0.016%        |
| 27        | 4.837       | 4.828        | 4.861      | VV       | 202            | 3166         | 0.08%          | 0.002%        |
| 28        | 4.893       | 4.861        | 4.918      | VV       | 258            | 6394         | 0.15%          | 0.005%        |
| 29        | 4.934       | 4.918        | 4.950      | VV       | 227            | 3236         | 0.08%          | 0.002%        |
| 30        | 4.974       | 4.950        | 4.999      | VV       | 226            | 4319         | 0.10%          | 0.003%        |
| 31        | 5.014       | 4.999        | 5.025      | VV       | 163            | 2242         | 0.05%          | 0.002%        |
| 32        | 5.035       | 5.025        | 5.061      | VV       | 185            | 2910         | 0.07%          | 0.002%        |
| 33        | 5.065       | 5.061        | 5.076      | VV       | 194            | 1173         | 0.03%          | 0.001%        |
| 34        | 5.087       | 5.076        | 5.101      | VV       | 266            | 2594         | 0.06%          | 0.002%        |
| 35        | 5.105       | 5.101        | 5.137      | VV       | 158            | 2540         | 0.06%          | 0.002%        |
| 36        | 5.149       | 5.137        | 5.170      | VV       | 234            | 3205         | 0.08%          | 0.002%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 5.186 | 5.170 | 5.212 | VV | 346    | 4768  | 0.11% | 0.003% |
| 38 | 5.245 | 5.212 | 5.272 | VV | 292    | 5733  | 0.14% | 0.004% |
| 39 | 5.296 | 5.272 | 5.344 | VV | 254    | 5326  | 0.13% | 0.004% |
| 40 | 5.408 | 5.344 | 5.441 | VV | 621    | 10893 | 0.26% | 0.008% |
| 41 | 5.472 | 5.441 | 5.511 | VV | 183    | 5359  | 0.13% | 0.004% |
| 42 | 5.527 | 5.511 | 5.562 | VV | 152    | 2473  | 0.06% | 0.002% |
| 43 | 5.587 | 5.562 | 5.616 | PV | 477    | 6918  | 0.17% | 0.005% |
| 44 | 5.627 | 5.616 | 5.644 | VV | 395    | 4166  | 0.10% | 0.003% |
| 45 | 5.665 | 5.644 | 5.675 | VV | 284    | 2570  | 0.06% | 0.002% |
| 46 | 5.701 | 5.675 | 5.730 | VV | 232    | 4755  | 0.11% | 0.003% |
| 47 | 5.781 | 5.730 | 5.794 | VV | 194    | 4837  | 0.12% | 0.003% |
| 48 | 5.807 | 5.794 | 5.832 | VV | 213    | 2513  | 0.06% | 0.002% |
| 49 | 5.890 | 5.832 | 5.914 | PV | 497    | 9151  | 0.22% | 0.007% |
| 50 | 5.929 | 5.914 | 5.944 | VV | 312    | 3706  | 0.09% | 0.003% |
| 51 | 6.007 | 5.944 | 6.027 | VV | 207    | 5831  | 0.14% | 0.004% |
| 52 | 6.043 | 6.027 | 6.067 | VV | 217    | 2570  | 0.06% | 0.002% |
| 53 | 6.089 | 6.067 | 6.115 | VV | 225    | 4881  | 0.12% | 0.003% |
| 54 | 6.144 | 6.115 | 6.200 | VV | 1626   | 22091 | 0.53% | 0.016% |
| 55 | 6.224 | 6.200 | 6.257 | VV | 275    | 6359  | 0.15% | 0.005% |
| 56 | 6.278 | 6.257 | 6.344 | VV | 642    | 13205 | 0.32% | 0.009% |
| 57 | 6.361 | 6.344 | 6.384 | VV | 171    | 3516  | 0.08% | 0.002% |
| 58 | 6.410 | 6.384 | 6.454 | VV | 549    | 11081 | 0.27% | 0.008% |
| 59 | 6.459 | 6.454 | 6.476 | VV | 264    | 1944  | 0.05% | 0.001% |
| 60 | 6.511 | 6.476 | 6.541 | VV | 227    | 5737  | 0.14% | 0.004% |
| 61 | 6.564 | 6.541 | 6.617 | VV | 595    | 11276 | 0.27% | 0.008% |
| 62 | 6.627 | 6.617 | 6.670 | VV | 155    | 3117  | 0.07% | 0.002% |
| 63 | 6.688 | 6.670 | 6.704 | VV | 283    | 3549  | 0.09% | 0.003% |
| 64 | 6.713 | 6.704 | 6.736 | VV | 353    | 3555  | 0.09% | 0.003% |
| 65 | 6.769 | 6.736 | 6.807 | VV | 253    | 5241  | 0.13% | 0.004% |
| 66 | 6.847 | 6.807 | 6.869 | VV | 244    | 4109  | 0.10% | 0.003% |
| 67 | 6.899 | 6.869 | 6.952 | PV | 296    | 7149  | 0.17% | 0.005% |
| 68 | 6.974 | 6.952 | 7.000 | VV | 325    | 4328  | 0.10% | 0.003% |
| 69 | 7.012 | 7.000 | 7.027 | VV | 162    | 1510  | 0.04% | 0.001% |
| 70 | 7.038 | 7.027 | 7.048 | VV | 171    | 1364  | 0.03% | 0.001% |
| 71 | 7.077 | 7.048 | 7.089 | VV | 196    | 3318  | 0.08% | 0.002% |
| 72 | 7.095 | 7.089 | 7.110 | VV | 201    | 1881  | 0.05% | 0.001% |
| 73 | 7.126 | 7.110 | 7.157 | VV | 253    | 4621  | 0.11% | 0.003% |
| 74 | 7.196 | 7.157 | 7.250 | VV | 1108   | 20334 | 0.49% | 0.014% |
| 75 | 7.264 | 7.250 | 7.307 | VV | 340    | 5986  | 0.14% | 0.004% |
| 76 | 7.331 | 7.307 | 7.349 | VV | 611    | 7770  | 0.19% | 0.006% |
| 77 | 7.357 | 7.349 | 7.439 | VV | 325    | 8225  | 0.20% | 0.006% |
| 78 | 7.483 | 7.439 | 7.524 | VV | 1049   | 17326 | 0.42% | 0.012% |
| 79 | 7.599 | 7.524 | 7.634 | VV | 286    | 7547  | 0.18% | 0.005% |
| 80 | 7.662 | 7.634 | 7.678 | VV | 263    | 3846  | 0.09% | 0.003% |
| 81 | 7.685 | 7.678 | 7.729 | VV | 258    | 3773  | 0.09% | 0.003% |
| 82 | 7.893 | 7.859 | 7.951 | VV | 940    | 34684 | 0.83% | 0.025% |
| 83 | 7.964 | 7.951 | 7.984 | VV | 723    | 9073  | 0.22% | 0.006% |
| 84 | 8.004 | 7.984 | 8.023 | VV | 389    | 6346  | 0.15% | 0.005% |
| 85 | 8.049 | 8.023 | 8.064 | VV | 369    | 7324  | 0.18% | 0.005% |
| 86 | 8.072 | 8.064 | 8.084 | VV | 421    | 3888  | 0.09% | 0.003% |
| 87 | 8.097 | 8.084 | 8.147 | VV | 504    | 12424 | 0.30% | 0.009% |
| 88 | 8.174 | 8.147 | 8.212 | VV | 914    | 16626 | 0.40% | 0.012% |
| 89 | 8.245 | 8.212 | 8.263 | VV | 636    | 11365 | 0.27% | 0.008% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 90  | 8.287  | 8.263  | 8.301  | VV | 1103   | 15801 | 0.38% | 0.011% |
| 91  | 8.316  | 8.301  | 8.330  | VV | 1538   | 20356 | 0.49% | 0.014% |
| 92  | 8.348  | 8.330  | 8.380  | VV | 2221   | 33436 | 0.80% | 0.024% |
| 93  | 8.473  | 8.451  | 8.512  | VV | 3104   | 41503 | 0.99% | 0.029% |
| 94  | 8.526  | 8.512  | 8.557  | VV | 561    | 9573  | 0.23% | 0.007% |
| 95  | 8.578  | 8.557  | 8.612  | VV | 498    | 8361  | 0.20% | 0.006% |
| 96  | 8.766  | 8.739  | 8.787  | VV | 1018   | 19319 | 0.46% | 0.014% |
| 97  | 8.816  | 8.787  | 8.848  | VV | 870    | 21358 | 0.51% | 0.015% |
| 98  | 8.885  | 8.848  | 8.914  | VV | 1426   | 25352 | 0.61% | 0.018% |
| 99  | 8.956  | 8.914  | 8.985  | VV | 785    | 17657 | 0.42% | 0.013% |
| 100 | 9.002  | 8.985  | 9.021  | VV | 540    | 8462  | 0.20% | 0.006% |
| 101 | 9.037  | 9.021  | 9.050  | VV | 728    | 9144  | 0.22% | 0.006% |
| 102 | 9.074  | 9.050  | 9.142  | VV | 742    | 29772 | 0.71% | 0.021% |
| 103 | 9.169  | 9.142  | 9.193  | VV | 2811   | 36072 | 0.86% | 0.026% |
| 104 | 9.210  | 9.193  | 9.244  | VV | 655    | 11816 | 0.28% | 0.008% |
| 105 | 9.268  | 9.244  | 9.296  | VV | 325    | 7031  | 0.17% | 0.005% |
| 106 | 9.355  | 9.296  | 9.381  | VV | 942    | 22759 | 0.55% | 0.016% |
| 107 | 9.414  | 9.381  | 9.448  | VV | 3022   | 36835 | 0.88% | 0.026% |
| 108 | 9.462  | 9.448  | 9.483  | VV | 477    | 6403  | 0.15% | 0.005% |
| 109 | 9.506  | 9.483  | 9.523  | VV | 502    | 7657  | 0.18% | 0.005% |
| 110 | 9.547  | 9.523  | 9.602  | VV | 1332   | 28768 | 0.69% | 0.020% |
| 111 | 9.625  | 9.602  | 9.658  | VV | 822    | 16919 | 0.41% | 0.012% |
| 112 | 9.691  | 9.658  | 9.712  | VV | 706    | 15090 | 0.36% | 0.011% |
| 113 | 9.724  | 9.712  | 9.744  | VV | 518    | 7667  | 0.18% | 0.005% |
| 114 | 9.783  | 9.744  | 9.797  | VV | 315    | 8642  | 0.21% | 0.006% |
| 115 | 9.809  | 9.797  | 9.837  | VV | 428    | 7125  | 0.17% | 0.005% |
| 116 | 9.878  | 9.837  | 9.922  | VV | 744    | 23729 | 0.57% | 0.017% |
| 117 | 9.945  | 9.922  | 10.012 | VV | 2800   | 43478 | 1.04% | 0.031% |
| 118 | 10.051 | 10.012 | 10.086 | VV | 335    | 8632  | 0.21% | 0.006% |
| 119 | 10.122 | 10.102 | 10.146 | VV | 292    | 3590  | 0.09% | 0.003% |
| 120 | 10.168 | 10.146 | 10.179 | VV | 100    | 1567  | 0.04% | 0.001% |
| 121 | 10.222 | 10.179 | 10.247 | VV | 205    | 3672  | 0.09% | 0.003% |
| 122 | 10.287 | 10.247 | 10.314 | PV | 591    | 12859 | 0.31% | 0.009% |
| 123 | 10.333 | 10.314 | 10.357 | VV | 1176   | 17512 | 0.42% | 0.012% |
| 124 | 10.389 | 10.357 | 10.406 | VV | 666    | 12835 | 0.31% | 0.009% |
| 125 | 10.421 | 10.406 | 10.447 | VV | 857    | 11764 | 0.28% | 0.008% |
| 126 | 10.469 | 10.447 | 10.492 | VV | 692    | 11260 | 0.27% | 0.008% |
| 127 | 10.509 | 10.492 | 10.527 | VV | 827    | 11023 | 0.26% | 0.008% |
| 128 | 10.538 | 10.527 | 10.559 | VV | 446    | 7511  | 0.18% | 0.005% |
| 129 | 10.596 | 10.559 | 10.626 | VV | 1150   | 25099 | 0.60% | 0.018% |
| 130 | 10.635 | 10.626 | 10.651 | VV | 556    | 7223  | 0.17% | 0.005% |
| 131 | 10.680 | 10.651 | 10.724 | VV | 2678   | 42551 | 1.02% | 0.030% |
| 132 | 10.751 | 10.724 | 10.774 | VV | 1611   | 26753 | 0.64% | 0.019% |
| 133 | 10.782 | 10.774 | 10.798 | VV | 475    | 5945  | 0.14% | 0.004% |
| 134 | 10.809 | 10.798 | 10.836 | VV | 373    | 6041  | 0.14% | 0.004% |
| 135 | 10.847 | 10.836 | 10.858 | VV | 159    | 1850  | 0.04% | 0.001% |
| 136 | 10.904 | 10.858 | 10.918 | PV | 457    | 8113  | 0.19% | 0.006% |
| 137 | 10.944 | 10.918 | 10.981 | VV | 6702   | 72185 | 1.73% | 0.051% |
| 138 | 11.019 | 10.981 | 11.039 | VV | 3932   | 48536 | 1.16% | 0.034% |
| 139 | 11.069 | 11.039 | 11.114 | VV | 2084   | 37273 | 0.89% | 0.026% |
| 140 | 11.131 | 11.114 | 11.162 | VV | 389    | 5492  | 0.13% | 0.004% |
| 141 | 11.186 | 11.162 | 11.207 | PV | 430    | 5182  | 0.12% | 0.004% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.230 | 11.207 | 11.274 | VV | 785    | 13260   | 0.32%  | 0.009% |
| 143 | 11.311 | 11.274 | 11.341 | VV | 907    | 17105   | 0.41%  | 0.012% |
| 144 | 11.381 | 11.341 | 11.406 | VV | 2212   | 34262   | 0.82%  | 0.024% |
| 145 | 11.431 | 11.406 | 11.439 | VV | 472    | 6550    | 0.16%  | 0.005% |
|     |        |        |        |    |        |         |        |        |
| 146 | 11.469 | 11.439 | 11.512 | VV | 1592   | 29684   | 0.71%  | 0.021% |
| 147 | 11.541 | 11.512 | 11.559 | PV | 591    | 8884    | 0.21%  | 0.006% |
| 148 | 11.576 | 11.559 | 11.611 | VV | 605    | 12487   | 0.30%  | 0.009% |
| 149 | 11.628 | 11.611 | 11.655 | VV | 893    | 12765   | 0.31%  | 0.009% |
| 150 | 11.708 | 11.655 | 11.736 | VV | 371879 | 3971891 | 95.21% | 2.823% |
|     |        |        |        |    |        |         |        |        |
| 151 | 11.743 | 11.736 | 11.759 | VV | 2211   | 21886   | 0.52%  | 0.016% |
| 152 | 11.776 | 11.759 | 11.819 | VV | 2778   | 49528   | 1.19%  | 0.035% |
| 153 | 11.839 | 11.819 | 11.850 | VV | 1839   | 24642   | 0.59%  | 0.018% |
| 154 | 11.861 | 11.850 | 11.877 | VV | 1895   | 21386   | 0.51%  | 0.015% |
| 155 | 11.893 | 11.877 | 11.909 | VV | 1919   | 23617   | 0.57%  | 0.017% |
|     |        |        |        |    |        |         |        |        |
| 156 | 11.924 | 11.909 | 11.965 | VV | 2342   | 29533   | 0.71%  | 0.021% |
| 157 | 11.987 | 11.965 | 12.016 | VV | 377    | 6335    | 0.15%  | 0.005% |
| 158 | 12.048 | 12.016 | 12.074 | VV | 1853   | 30202   | 0.72%  | 0.021% |
| 159 | 12.099 | 12.074 | 12.124 | VV | 5373   | 64721   | 1.55%  | 0.046% |
| 160 | 12.139 | 12.124 | 12.194 | VV | 927    | 14776   | 0.35%  | 0.011% |
|     |        |        |        |    |        |         |        |        |
| 161 | 12.212 | 12.194 | 12.232 | PV | 791    | 9627    | 0.23%  | 0.007% |
| 162 | 12.244 | 12.232 | 12.259 | VV | 271    | 2884    | 0.07%  | 0.002% |
| 163 | 12.276 | 12.259 | 12.304 | VV | 537    | 6746    | 0.16%  | 0.005% |
| 164 | 12.322 | 12.304 | 12.331 | VV | 222    | 1959    | 0.05%  | 0.001% |
| 165 | 12.357 | 12.331 | 12.372 | VV | 425    | 5076    | 0.12%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 166 | 12.387 | 12.372 | 12.404 | VV | 344    | 4375    | 0.10%  | 0.003% |
| 167 | 12.425 | 12.404 | 12.449 | VV | 588    | 9626    | 0.23%  | 0.007% |
| 168 | 12.462 | 12.449 | 12.474 | VV | 537    | 5773    | 0.14%  | 0.004% |
| 169 | 12.491 | 12.474 | 12.514 | VV | 581    | 10552   | 0.25%  | 0.007% |
| 170 | 12.532 | 12.514 | 12.569 | VV | 1105   | 19342   | 0.46%  | 0.014% |
|     |        |        |        |    |        |         |        |        |
| 171 | 12.593 | 12.569 | 12.621 | PV | 929    | 15592   | 0.37%  | 0.011% |
| 172 | 12.641 | 12.621 | 12.659 | VV | 2710   | 35098   | 0.84%  | 0.025% |
| 173 | 12.684 | 12.659 | 12.731 | VV | 2938   | 58244   | 1.40%  | 0.041% |
| 174 | 12.757 | 12.731 | 12.797 | VV | 16260  | 183460  | 4.40%  | 0.130% |
| 175 | 12.819 | 12.797 | 12.842 | VV | 318    | 5200    | 0.12%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.858 | 12.842 | 12.868 | PV | 293    | 3155    | 0.08%  | 0.002% |
| 177 | 12.894 | 12.868 | 12.929 | VV | 933    | 20953   | 0.50%  | 0.015% |
| 178 | 12.948 | 12.929 | 12.984 | VV | 1117   | 25177   | 0.60%  | 0.018% |
| 179 | 13.002 | 12.984 | 13.028 | VV | 779    | 11866   | 0.28%  | 0.008% |
| 180 | 13.056 | 13.028 | 13.077 | PV | 14868  | 171991  | 4.12%  | 0.122% |
|     |        |        |        |    |        |         |        |        |
| 181 | 13.133 | 13.077 | 13.158 | VV | 252488 | 3120355 | 74.80% | 2.218% |
| 182 | 13.173 | 13.158 | 13.197 | VV | 14354  | 171734  | 4.12%  | 0.122% |
| 183 | 13.206 | 13.197 | 13.224 | VV | 1298   | 17129   | 0.41%  | 0.012% |
| 184 | 13.249 | 13.224 | 13.277 | VV | 967    | 21197   | 0.51%  | 0.015% |
| 185 | 13.296 | 13.277 | 13.312 | VV | 1948   | 23821   | 0.57%  | 0.017% |
|     |        |        |        |    |        |         |        |        |
| 186 | 13.323 | 13.312 | 13.330 | VV | 1081   | 10878   | 0.26%  | 0.008% |
| 187 | 13.349 | 13.330 | 13.370 | VV | 2918   | 41386   | 0.99%  | 0.029% |
| 188 | 13.386 | 13.370 | 13.412 | VV | 1209   | 17505   | 0.42%  | 0.012% |
| 189 | 13.422 | 13.412 | 13.434 | VV | 213    | 2004    | 0.05%  | 0.001% |
| 190 | 13.450 | 13.434 | 13.466 | VV | 744    | 8261    | 0.20%  | 0.006% |
|     |        |        |        |    |        |         |        |        |
| 191 | 13.483 | 13.466 | 13.495 | VV | 970    | 11681   | 0.28%  | 0.008% |
| 192 | 13.513 | 13.495 | 13.544 | VV | 1494   | 23809   | 0.57%  | 0.017% |
| 193 | 13.562 | 13.544 | 13.589 | VV | 460    | 7175    | 0.17%  | 0.005% |
| 194 | 13.642 | 13.589 | 13.680 | PV | 3586   | 60577   | 1.45%  | 0.043% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 13.711 | 13.680 | 13.729 | VV | 484    | 7432   | 0.18%  | 0.005% |
| 196 | 13.750 | 13.729 | 13.771 | VV | 1634   | 21761  | 0.52%  | 0.015% |
| 197 | 13.792 | 13.771 | 13.817 | VV | 2681   | 37482  | 0.90%  | 0.027% |
| 198 | 13.831 | 13.817 | 13.852 | VV | 1190   | 15189  | 0.36%  | 0.011% |
| 199 | 13.880 | 13.852 | 13.899 | VV | 2587   | 40598  | 0.97%  | 0.029% |
| 200 | 13.920 | 13.899 | 13.942 | VV | 2868   | 45039  | 1.08%  | 0.032% |
| 201 | 13.961 | 13.942 | 13.986 | VV | 1975   | 25831  | 0.62%  | 0.018% |
| 202 | 14.034 | 13.986 | 14.050 | VV | 553    | 10862  | 0.26%  | 0.008% |
| 203 | 14.087 | 14.050 | 14.146 | PV | 2145   | 47380  | 1.14%  | 0.034% |
| 204 | 14.168 | 14.146 | 14.192 | VV | 970    | 19021  | 0.46%  | 0.014% |
| 205 | 14.221 | 14.192 | 14.231 | VV | 1279   | 19700  | 0.47%  | 0.014% |
| 206 | 14.278 | 14.231 | 14.292 | VV | 1667   | 48156  | 1.15%  | 0.034% |
| 207 | 14.319 | 14.292 | 14.329 | VV | 2060   | 38058  | 0.91%  | 0.027% |
| 208 | 14.375 | 14.329 | 14.393 | VV | 2867   | 77344  | 1.85%  | 0.055% |
| 209 | 14.404 | 14.393 | 14.419 | VV | 1490   | 20545  | 0.49%  | 0.015% |
| 210 | 14.444 | 14.419 | 14.467 | VV | 3763   | 67389  | 1.62%  | 0.048% |
| 211 | 14.498 | 14.467 | 14.520 | VV | 3517   | 78375  | 1.88%  | 0.056% |
| 212 | 14.556 | 14.520 | 14.596 | VV | 3164   | 104571 | 2.51%  | 0.074% |
| 213 | 14.619 | 14.596 | 14.641 | VV | 4187   | 73732  | 1.77%  | 0.052% |
| 214 | 14.681 | 14.641 | 14.714 | VV | 3945   | 117395 | 2.81%  | 0.083% |
| 215 | 14.764 | 14.714 | 14.794 | VV | 2926   | 110497 | 2.65%  | 0.079% |
| 216 | 14.803 | 14.794 | 14.822 | VV | 2331   | 36579  | 0.88%  | 0.026% |
| 217 | 14.835 | 14.822 | 14.851 | VV | 2537   | 39020  | 0.94%  | 0.028% |
| 218 | 14.881 | 14.851 | 14.901 | VV | 2715   | 68802  | 1.65%  | 0.049% |
| 219 | 14.927 | 14.901 | 14.947 | VV | 10933  | 163928 | 3.93%  | 0.117% |
| 220 | 14.970 | 14.947 | 15.006 | VV | 13054  | 223987 | 5.37%  | 0.159% |
| 221 | 15.028 | 15.006 | 15.051 | VV | 3540   | 73493  | 1.76%  | 0.052% |
| 222 | 15.087 | 15.051 | 15.150 | VV | 17980  | 372482 | 8.93%  | 0.265% |
| 223 | 15.175 | 15.150 | 15.205 | VV | 3038   | 86318  | 2.07%  | 0.061% |
| 224 | 15.234 | 15.205 | 15.261 | VV | 3297   | 95608  | 2.29%  | 0.068% |
| 225 | 15.288 | 15.261 | 15.306 | VV | 3006   | 75827  | 1.82%  | 0.054% |
| 226 | 15.362 | 15.306 | 15.477 | VV | 24120  | 700287 | 16.79% | 0.498% |
| 227 | 15.519 | 15.477 | 15.540 | VV | 7556   | 219038 | 5.25%  | 0.156% |
| 228 | 15.558 | 15.540 | 15.567 | VV | 4858   | 70339  | 1.69%  | 0.050% |
| 229 | 15.598 | 15.567 | 15.621 | VV | 7566   | 191271 | 4.58%  | 0.136% |
| 230 | 15.637 | 15.621 | 15.666 | VV | 5581   | 126672 | 3.04%  | 0.090% |
| 231 | 15.686 | 15.666 | 15.699 | VV | 4593   | 85615  | 2.05%  | 0.061% |
| 232 | 15.767 | 15.699 | 15.799 | VV | 6680   | 332663 | 7.97%  | 0.236% |
| 233 | 15.837 | 15.799 | 15.864 | VV | 5812   | 212371 | 5.09%  | 0.151% |
| 234 | 15.887 | 15.864 | 15.909 | VV | 6265   | 157816 | 3.78%  | 0.112% |
| 235 | 15.923 | 15.909 | 15.941 | VV | 6290   | 115154 | 2.76%  | 0.082% |
| 236 | 15.960 | 15.941 | 15.979 | VV | 6587   | 141901 | 3.40%  | 0.101% |
| 237 | 16.000 | 15.979 | 16.052 | VV | 10457  | 342251 | 8.20%  | 0.243% |
| 238 | 16.064 | 16.052 | 16.111 | VV | 7143   | 229413 | 5.50%  | 0.163% |
| 239 | 16.206 | 16.111 | 16.249 | VV | 8198   | 567308 | 13.60% | 0.403% |
| 240 | 16.309 | 16.249 | 16.329 | VV | 8660   | 377929 | 9.06%  | 0.269% |
| 241 | 16.378 | 16.329 | 16.434 | VV | 11863  | 612353 | 14.68% | 0.435% |
| 242 | 16.483 | 16.434 | 16.532 | VV | 27626  | 830300 | 19.90% | 0.590% |
| 243 | 16.571 | 16.532 | 16.594 | VV | 10687  | 376942 | 9.04%  | 0.268% |
| 244 | 16.614 | 16.594 | 16.639 | VV | 13766  | 318122 | 7.63%  | 0.226% |
| 245 | 16.669 | 16.639 | 16.694 | VV | 11523  | 366592 | 8.79%  | 0.261% |
| 246 | 16.706 | 16.694 | 16.732 | VV | 11292  | 250103 | 6.00%  | 0.178% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.805 | 16.732 | 16.835 | VV | 19232 | 834875  | 20.01% | 0.593% |
| 248    | 16.862 | 16.835 | 16.901 | VV | 21435 | 580408  | 13.91% | 0.412% |
| 249    | 16.950 | 16.901 | 16.978 | VV | 20872 | 725215  | 17.38% | 0.515% |
| 250    | 16.999 | 16.978 | 17.047 | VV | 20793 | 702637  | 16.84% | 0.499% |
|        |        |        |        |    |       |         |        |        |
| 251    | 17.074 | 17.047 | 17.084 | VV | 15067 | 317032  | 7.60%  | 0.225% |
| 252    | 17.118 | 17.084 | 17.127 | VV | 15881 | 393767  | 9.44%  | 0.280% |
| 253    | 17.134 | 17.127 | 17.145 | VV | 15352 | 165607  | 3.97%  | 0.118% |
| 254    | 17.190 | 17.145 | 17.199 | VV | 16760 | 514943  | 12.34% | 0.366% |
| 255    | 17.221 | 17.199 | 17.244 | VV | 17951 | 468759  | 11.24% | 0.333% |
|        |        |        |        |    |       |         |        |        |
| 256    | 17.271 | 17.244 | 17.287 | VV | 17866 | 452455  | 10.85% | 0.322% |
| 257    | 17.315 | 17.287 | 17.339 | VV | 21161 | 593617  | 14.23% | 0.422% |
| 258    | 17.358 | 17.339 | 17.369 | VV | 20209 | 345171  | 8.27%  | 0.245% |
| 259    | 17.396 | 17.369 | 17.421 | VV | 31853 | 748400  | 17.94% | 0.532% |
| 260    | 17.441 | 17.421 | 17.462 | VV | 19629 | 467675  | 11.21% | 0.332% |
|        |        |        |        |    |       |         |        |        |
| 261    | 17.486 | 17.462 | 17.499 | VV | 20655 | 441770  | 10.59% | 0.314% |
| 262    | 17.531 | 17.499 | 17.556 | VV | 23505 | 723738  | 17.35% | 0.514% |
| 263    | 17.584 | 17.556 | 17.604 | VV | 21722 | 610946  | 14.65% | 0.434% |
| 264    | 17.629 | 17.604 | 17.662 | VV | 27936 | 823238  | 19.73% | 0.585% |
| 265    | 17.700 | 17.662 | 17.728 | VV | 28843 | 961831  | 23.06% | 0.684% |
|        |        |        |        |    |       |         |        |        |
| 266    | 17.746 | 17.728 | 17.759 | VV | 24163 | 426251  | 10.22% | 0.303% |
| 267    | 17.832 | 17.759 | 17.874 | VV | 32368 | 1797531 | 43.09% | 1.277% |
| 268    | 17.925 | 17.874 | 17.944 | VV | 28447 | 1065038 | 25.53% | 0.757% |
| 269    | 17.966 | 17.944 | 17.978 | VV | 25860 | 514694  | 12.34% | 0.366% |
| 270    | 18.001 | 17.978 | 18.013 | VV | 29760 | 589059  | 14.12% | 0.419% |
|        |        |        |        |    |       |         |        |        |
| 271    | 18.030 | 18.013 | 18.071 | VV | 29261 | 956020  | 22.92% | 0.679% |
| 272    | 18.109 | 18.071 | 18.120 | VV | 27639 | 793791  | 19.03% | 0.564% |
| 273    | 18.138 | 18.120 | 18.155 | VV | 29907 | 606699  | 14.54% | 0.431% |
| 274    | 18.192 | 18.155 | 18.212 | VV | 38568 | 1137995 | 27.28% | 0.809% |
| 275    | 18.228 | 18.212 | 18.240 | VV | 35473 | 566856  | 13.59% | 0.403% |
|        |        |        |        |    |       |         |        |        |
| 276    | 18.254 | 18.240 | 18.304 | VV | 37832 | 1210032 | 29.01% | 0.860% |
| 277    | 18.362 | 18.304 | 18.386 | VV | 33917 | 1477500 | 35.42% | 1.050% |
| 278    | 18.393 | 18.386 | 18.416 | VV | 31282 | 543486  | 13.03% | 0.386% |
| 279    | 18.422 | 18.416 | 18.447 | VV | 29883 | 552513  | 13.24% | 0.393% |
| 280    | 18.483 | 18.447 | 18.532 | VV | 34965 | 1573115 | 37.71% | 1.118% |
|        |        |        |        |    |       |         |        |        |
| 281    | 18.559 | 18.532 | 18.597 | VV | 30804 | 1175530 | 28.18% | 0.835% |
| 282    | 18.667 | 18.597 | 18.697 | VV | 38460 | 1982986 | 47.53% | 1.409% |
| 283    | 18.704 | 18.697 | 18.717 | VV | 32925 | 375438  | 9.00%  | 0.267% |
| 284    | 18.767 | 18.717 | 18.778 | VV | 36857 | 1231975 | 29.53% | 0.876% |
| 285    | 18.790 | 18.778 | 18.807 | VV | 35922 | 594921  | 14.26% | 0.423% |
|        |        |        |        |    |       |         |        |        |
| 286    | 18.833 | 18.807 | 18.904 | VV | 36908 | 2011532 | 48.22% | 1.430% |
| 287    | 18.950 | 18.904 | 18.959 | VV | 37729 | 1172734 | 28.11% | 0.833% |
| 288    | 18.974 | 18.959 | 18.982 | VV | 37431 | 516675  | 12.39% | 0.367% |
| 289    | 19.032 | 18.982 | 19.047 | VV | 47187 | 1693770 | 40.60% | 1.204% |
| 290    | 19.059 | 19.047 | 19.099 | VV | 45649 | 1344182 | 32.22% | 0.955% |
|        |        |        |        |    |       |         |        |        |
| 291    | 19.111 | 19.099 | 19.119 | VV | 41498 | 493437  | 11.83% | 0.351% |
| 292    | 19.170 | 19.119 | 19.195 | VV | 46145 | 1954447 | 46.85% | 1.389% |
| 293    | 19.206 | 19.195 | 19.235 | VV | 43631 | 1004555 | 24.08% | 0.714% |
| 294    | 19.265 | 19.235 | 19.272 | VV | 43158 | 919755  | 22.05% | 0.654% |
| 295    | 19.286 | 19.272 | 19.313 | VV | 42860 | 1042077 | 24.98% | 0.741% |
|        |        |        |        |    |       |         |        |        |
| 296    | 19.347 | 19.313 | 19.366 | VV | 44093 | 1343682 | 32.21% | 0.955% |
| 297    | 19.380 | 19.366 | 19.421 | VV | 44139 | 1396360 | 33.47% | 0.992% |
| 298    | 19.446 | 19.421 | 19.467 | VV | 45272 | 1214739 | 29.12% | 0.863% |
| 299    | 19.492 | 19.467 | 19.502 | VV | 45052 | 903680  | 21.66% | 0.642% |

|     |        |        |        |     |                                   |         |         |        |
|-----|--------|--------|--------|-----|-----------------------------------|---------|---------|--------|
|     |        |        |        |     |                                   | rteres  |         |        |
| 300 | 19.524 | 19.502 | 19.541 | VV  | 49463                             | 1072322 | 25.70%  | 0.762% |
| 301 | 19.559 | 19.541 | 19.596 | VV  | 47419                             | 1514628 | 36.31%  | 1.076% |
| 302 | 19.638 | 19.596 | 19.666 | VV  | 47500                             | 1907549 | 45.73%  | 1.356% |
| 303 | 19.683 | 19.666 | 19.691 | VV  | 46560                             | 678635  | 16.27%  | 0.482% |
| 304 | 19.736 | 19.691 | 19.746 | VV  | 49432                             | 1569772 | 37.63%  | 1.116% |
| 305 | 19.757 | 19.746 | 19.768 | VV  | 47516                             | 648615  | 15.55%  | 0.461% |
| 306 | 19.820 | 19.768 | 19.860 | VV  | 53913                             | 2760067 | 66.16%  | 1.962% |
| 307 | 19.882 | 19.860 | 19.904 | VV  | 51466                             | 1312686 | 31.47%  | 0.933% |
| 308 | 19.928 | 19.904 | 19.964 | VV  | 49888                             | 1746155 | 41.86%  | 1.241% |
| 309 | 20.019 | 19.964 | 20.032 | VV  | 56724                             | 2178684 | 52.23%  | 1.548% |
| 310 | 20.084 | 20.032 | 20.097 | VV  | 58830                             | 2219125 | 53.19%  | 1.577% |
| 311 | 20.117 | 20.097 | 20.151 | VV  | 59305                             | 1834739 | 43.98%  | 1.304% |
| 312 | 20.163 | 20.151 | 20.174 | VV  | 57449                             | 787850  | 18.89%  | 0.560% |
| 313 | 20.183 | 20.174 | 20.252 | VV  | 58279                             | 2646728 | 63.45%  | 1.881% |
| 314 | 20.278 | 20.252 | 20.287 | VV  | 60562                             | 1225012 | 29.36%  | 0.871% |
| 315 | 20.307 | 20.287 | 20.324 | VV  | 61896                             | 1337740 | 32.07%  | 0.951% |
| 316 | 20.356 | 20.324 | 20.366 | VV  | 65235                             | 1589999 | 38.11%  | 1.130% |
| 317 | 20.374 | 20.366 | 20.392 | VV  | 65561                             | 1010855 | 24.23%  | 0.718% |
| 318 | 20.406 | 20.392 | 20.488 | VV  | 64668                             | 3490910 | 83.68%  | 2.481% |
| 319 | 20.560 | 20.488 | 20.586 | VV  | 61312                             | 3444499 | 82.57%  | 2.448% |
| 320 | 20.597 | 20.586 | 20.647 | VV  | 59735                             | 2093801 | 50.19%  | 1.488% |
| 321 | 20.656 | 20.647 | 20.674 | VV  | 54706                             | 849382  | 20.36%  | 0.604% |
| 322 | 20.692 | 20.674 | 20.717 | VV  | 55945                             | 1417731 | 33.98%  | 1.008% |
| 323 | 20.733 | 20.717 | 20.761 | VV  | 56284                             | 1430956 | 34.30%  | 1.017% |
| 324 | 20.788 | 20.761 | 20.874 | VV  | 56070                             | 3663030 | 87.81%  | 2.603% |
| 325 | 20.909 | 20.874 | 20.932 | VV  | 52173                             | 1777999 | 42.62%  | 1.264% |
| 326 | 20.937 | 20.932 | 20.989 | VV  | 50848                             | 1674673 | 40.14%  | 1.190% |
| 327 | 21.012 | 20.989 | 21.026 | VV  | 49695                             | 1068207 | 25.61%  | 0.759% |
| 328 | 21.055 | 21.026 | 21.074 | VV  | 51111                             | 1443484 | 34.60%  | 1.026% |
| 329 | 21.097 | 21.074 | 21.136 | VV  | 51088                             | 1835781 | 44.01%  | 1.305% |
| 330 | 21.149 | 21.136 | 21.159 | VV  | 49608                             | 682606  | 16.36%  | 0.485% |
| 331 | 21.191 | 21.159 | 21.206 | VV  | 49536                             | 1373464 | 32.92%  | 0.976% |
| 332 | 21.241 | 21.206 | 21.324 | VV  | 50310                             | 3367628 | 80.73%  | 2.393% |
| 333 | 21.346 | 21.324 | 21.376 | VV  | 44294                             | 1345656 | 32.26%  | 0.956% |
| 334 | 21.445 | 21.376 | 21.462 | VV  | 45634                             | 2306522 | 55.29%  | 1.639% |
| 335 | 21.475 | 21.462 | 21.501 | VV  | 46124                             | 1046798 | 25.09%  | 0.744% |
| 336 | 21.526 | 21.501 | 21.542 | VV  | 46966                             | 1165306 | 27.93%  | 0.828% |
| 337 | 21.552 | 21.542 | 21.704 | VV  | 47336                             | 4171683 | 100.00% | 2.965% |
| 338 | 21.718 | 21.704 | 21.727 | VV  | 40225                             | 550397  | 13.19%  | 0.391% |
| 339 | 21.741 | 21.727 | 21.757 | VV  | 40046                             | 710739  | 17.04%  | 0.505% |
| 340 | 21.763 | 21.757 | 21.783 | VV  | 39743                             | 613313  | 14.70%  | 0.436% |
| 341 | 21.800 | 21.783 | 21.814 | VV  | 40192                             | 725518  | 17.39%  | 0.516% |
| 342 | 21.821 | 21.814 | 21.842 | VV  | 40182                             | 673622  | 16.15%  | 0.479% |
| 343 | 21.872 | 21.842 | 22.001 | VBA | 41862                             | 3753372 | 89.97%  | 2.667% |
|     |        |        |        |     | Sum of corrected areas: 140709807 |         |         |        |

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