

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121219AL\  
 Data File : FC044891.D  
 Signal(s) : FID1A.CH  
 Acq On : 12 Dec 2019 17:58  
 Sample : K6265-06MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 112219.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         | 3.458       | 3.422        | 3.472      | BV       | 1733           | 14620        | 0.23%          | 0.007%        |
| 2         | 3.506       | 3.472        | 3.547      | VV       | 294931         | 2490556      | 38.37%         | 1.109%        |
| 3         | 3.558       | 3.547        | 3.594      | VV       | 2657           | 29734        | 0.46%          | 0.013%        |
| 4         | 3.611       | 3.594        | 3.622      | PV       | 2273           | 20716        | 0.32%          | 0.009%        |
| 5         | 3.639       | 3.622        | 3.654      | VV       | 8401           | 86835        | 1.34%          | 0.039%        |
| 6         | 3.663       | 3.654        | 3.675      | VV       | 3960           | 37288        | 0.57%          | 0.017%        |
| 7         | 3.687       | 3.675        | 3.696      | VV       | 3499           | 32675        | 0.50%          | 0.015%        |
| 8         | 3.708       | 3.696        | 3.744      | VV       | 4991           | 77497        | 1.19%          | 0.035%        |
| 9         | 3.786       | 3.744        | 3.812      | VV       | 9711           | 163401       | 2.52%          | 0.073%        |
| 10        | 3.837       | 3.812        | 3.855      | VV       | 5681           | 86897        | 1.34%          | 0.039%        |
| 11        | 3.920       | 3.855        | 3.930      | VV       | 7507           | 202287       | 3.12%          | 0.090%        |
| 12        | 3.955       | 3.930        | 3.993      | VV       | 13145          | 228219       | 3.52%          | 0.102%        |
| 13        | 4.009       | 3.993        | 4.040      | VV       | 7391           | 101880       | 1.57%          | 0.045%        |
| 14        | 4.059       | 4.040        | 4.076      | VV       | 15409          | 136641       | 2.10%          | 0.061%        |
| 15        | 4.101       | 4.076        | 4.123      | VV       | 8499           | 166821       | 2.57%          | 0.074%        |
| 16        | 4.132       | 4.123        | 4.144      | VV       | 5198           | 49787        | 0.77%          | 0.022%        |
| 17        | 4.157       | 4.144        | 4.169      | VV       | 8986           | 77230        | 1.19%          | 0.034%        |
| 18        | 4.185       | 4.169        | 4.199      | VV       | 5060           | 72106        | 1.11%          | 0.032%        |
| 19        | 4.215       | 4.199        | 4.229      | VV       | 5809           | 77635        | 1.20%          | 0.035%        |
| 20        | 4.248       | 4.229        | 4.270      | VV       | 7639           | 141252       | 2.18%          | 0.063%        |
| 21        | 4.279       | 4.270        | 4.300      | VV       | 5750           | 67577        | 1.04%          | 0.030%        |
| 22        | 4.350       | 4.300        | 4.373      | VV       | 14840          | 247686       | 3.82%          | 0.110%        |
| 23        | 4.389       | 4.373        | 4.415      | VV       | 10620          | 145456       | 2.24%          | 0.065%        |
| 24        | 4.429       | 4.415        | 4.467      | VV       | 7798           | 107182       | 1.65%          | 0.048%        |
| 25        | 4.500       | 4.467        | 4.519      | VV       | 8949           | 136347       | 2.10%          | 0.061%        |
| 26        | 4.542       | 4.519        | 4.554      | VV       | 7964           | 121704       | 1.87%          | 0.054%        |
| 27        | 4.580       | 4.554        | 4.607      | VV       | 327091         | 2941702      | 45.32%         | 1.310%        |
| 28        | 4.629       | 4.607        | 4.683      | VV       | 346272         | 3123427      | 48.12%         | 1.391%        |
| 29        | 4.692       | 4.683        | 4.716      | VV       | 3364           | 56692        | 0.87%          | 0.025%        |
| 30        | 4.738       | 4.716        | 4.770      | VV       | 13371          | 250608       | 3.86%          | 0.112%        |
| 31        | 4.786       | 4.770        | 4.820      | VV       | 17121          | 318497       | 4.91%          | 0.142%        |
| 32        | 4.834       | 4.820        | 4.853      | VV       | 18532          | 210663       | 3.25%          | 0.094%        |
| 33        | 4.888       | 4.853        | 4.903      | VV       | 12802          | 257501       | 3.97%          | 0.115%        |
| 34        | 4.915       | 4.903        | 4.927      | VV       | 12243          | 126910       | 1.96%          | 0.057%        |
| 35        | 4.954       | 4.927        | 4.973      | VV       | 17027          | 261459       | 4.03%          | 0.116%        |
| 36        | 4.995       | 4.973        | 5.019      | VV       | 37094          | 452692       | 6.97%          | 0.202%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 5.030 | 5.019 | 5.042 | VV | 6662   | 81537   | 1.26%  | 0.036% |
| 38     | 5.064 | 5.042 | 5.083 | VV | 21305  | 285915  | 4.40%  | 0.127% |
| 39     | 5.103 | 5.083 | 5.118 | VV | 9857   | 158448  | 2.44%  | 0.071% |
| 40     | 5.131 | 5.118 | 5.166 | VV | 10790  | 203621  | 3.14%  | 0.091% |
| 41     | 5.214 | 5.166 | 5.255 | VV | 13571  | 332058  | 5.12%  | 0.148% |
| 42     | 5.280 | 5.255 | 5.292 | VV | 13303  | 170252  | 2.62%  | 0.076% |
| 43     | 5.307 | 5.292 | 5.319 | VV | 17303  | 207643  | 3.20%  | 0.092% |
| 44     | 5.330 | 5.319 | 5.345 | VV | 15039  | 188772  | 2.91%  | 0.084% |
| 45     | 5.354 | 5.345 | 5.367 | VV | 10565  | 110922  | 1.71%  | 0.049% |
| 46     | 5.388 | 5.367 | 5.404 | VV | 7895   | 151192  | 2.33%  | 0.067% |
| 47     | 5.423 | 5.404 | 5.454 | VV | 15295  | 324948  | 5.01%  | 0.145% |
| 48     | 5.483 | 5.454 | 5.498 | VV | 12376  | 262504  | 4.04%  | 0.117% |
| 49     | 5.516 | 5.498 | 5.530 | VV | 15748  | 231323  | 3.56%  | 0.103% |
| 50     | 5.546 | 5.530 | 5.600 | VV | 16785  | 450643  | 6.94%  | 0.201% |
| 51     | 5.625 | 5.600 | 5.638 | VV | 16365  | 279174  | 4.30%  | 0.124% |
| 52     | 5.654 | 5.638 | 5.674 | VV | 29730  | 368308  | 5.67%  | 0.164% |
| 53     | 5.691 | 5.674 | 5.703 | VV | 17814  | 212077  | 3.27%  | 0.094% |
| 54     | 5.710 | 5.703 | 5.726 | VV | 14071  | 153460  | 2.36%  | 0.068% |
| 55     | 5.776 | 5.726 | 5.788 | VV | 11895  | 368693  | 5.68%  | 0.164% |
| 56     | 5.812 | 5.788 | 5.845 | VV | 36014  | 606931  | 9.35%  | 0.270% |
| 57     | 5.859 | 5.845 | 5.880 | VV | 13969  | 235725  | 3.63%  | 0.105% |
| 58     | 5.920 | 5.880 | 5.947 | VV | 24700  | 693545  | 10.68% | 0.309% |
| 59     | 5.964 | 5.947 | 5.980 | VV | 18957  | 269618  | 4.15%  | 0.120% |
| 60     | 5.989 | 5.980 | 5.999 | VV | 11184  | 113188  | 1.74%  | 0.050% |
| 61     | 6.029 | 5.999 | 6.055 | VV | 20067  | 455145  | 7.01%  | 0.203% |
| 62     | 6.075 | 6.055 | 6.100 | VV | 17653  | 322236  | 4.96%  | 0.143% |
| 63     | 6.122 | 6.100 | 6.141 | VV | 25181  | 403547  | 6.22%  | 0.180% |
| 64     | 6.180 | 6.141 | 6.207 | VV | 404334 | 4005044 | 61.70% | 1.783% |
| 65     | 6.224 | 6.207 | 6.238 | VV | 16502  | 248244  | 3.82%  | 0.111% |
| 66     | 6.247 | 6.238 | 6.257 | VV | 12632  | 125670  | 1.94%  | 0.056% |
| 67     | 6.278 | 6.257 | 6.291 | VV | 18665  | 325500  | 5.01%  | 0.145% |
| 68     | 6.304 | 6.291 | 6.334 | VV | 21130  | 392841  | 6.05%  | 0.175% |
| 69     | 6.366 | 6.334 | 6.380 | VV | 20985  | 477545  | 7.36%  | 0.213% |
| 70     | 6.393 | 6.380 | 6.400 | VV | 20062  | 214809  | 3.31%  | 0.096% |
| 71     | 6.422 | 6.400 | 6.431 | VV | 21565  | 380550  | 5.86%  | 0.169% |
| 72     | 6.442 | 6.431 | 6.463 | VV | 22039  | 383578  | 5.91%  | 0.171% |
| 73     | 6.482 | 6.463 | 6.504 | VV | 30766  | 495342  | 7.63%  | 0.221% |
| 74     | 6.537 | 6.504 | 6.552 | VV | 26222  | 540204  | 8.32%  | 0.241% |
| 75     | 6.561 | 6.552 | 6.573 | VV | 21133  | 251182  | 3.87%  | 0.112% |
| 76     | 6.599 | 6.573 | 6.648 | VV | 337982 | 3830220 | 59.00% | 1.705% |
| 77     | 6.668 | 6.648 | 6.729 | VV | 18753  | 778957  | 12.00% | 0.347% |
| 78     | 6.748 | 6.729 | 6.775 | VV | 28749  | 591825  | 9.12%  | 0.264% |
| 79     | 6.797 | 6.775 | 6.825 | VV | 40072  | 752841  | 11.60% | 0.335% |
| 80     | 6.831 | 6.825 | 6.847 | VV | 16592  | 192195  | 2.96%  | 0.086% |
| 81     | 6.877 | 6.847 | 6.900 | VV | 31193  | 662890  | 10.21% | 0.295% |
| 82     | 6.926 | 6.900 | 6.959 | VV | 38155  | 875526  | 13.49% | 0.390% |
| 83     | 6.988 | 6.959 | 7.023 | VV | 27761  | 783819  | 12.07% | 0.349% |
| 84     | 7.056 | 7.023 | 7.092 | VV | 25470  | 827637  | 12.75% | 0.369% |
| 85     | 7.109 | 7.092 | 7.120 | VV | 29823  | 404751  | 6.24%  | 0.180% |
| 86     | 7.133 | 7.120 | 7.147 | VV | 28703  | 419368  | 6.46%  | 0.187% |
| 87     | 7.163 | 7.147 | 7.195 | VV | 27444  | 655617  | 10.10% | 0.292% |
| 88     | 7.236 | 7.195 | 7.279 | VV | 391716 | 4513905 | 69.54% | 2.010% |
| 89     | 7.299 | 7.279 | 7.314 | VV | 77365  | 937281  | 14.44% | 0.417% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 7.326 | 7.314 | 7.344 | VV | 40413  | 590898  | 9.10%  | 0.263% |
| 91  | 7.356 | 7.344 | 7.380 | VV | 28611  | 504761  | 7.78%  | 0.225% |
| 92  | 7.406 | 7.380 | 7.437 | VV | 38115  | 840086  | 12.94% | 0.374% |
| 93  | 7.450 | 7.437 | 7.469 | VV | 21652  | 356295  | 5.49%  | 0.159% |
| 94  | 7.491 | 7.469 | 7.524 | VV | 28051  | 734683  | 11.32% | 0.327% |
| 95  | 7.533 | 7.524 | 7.560 | VV | 19544  | 417799  | 6.44%  | 0.186% |
| 96  | 7.575 | 7.560 | 7.600 | VV | 23427  | 494819  | 7.62%  | 0.220% |
| 97  | 7.619 | 7.600 | 7.637 | VV | 22855  | 440081  | 6.78%  | 0.196% |
| 98  | 7.664 | 7.637 | 7.673 | VV | 21975  | 425468  | 6.55%  | 0.189% |
| 99  | 7.708 | 7.673 | 7.765 | VV | 29021  | 1155916 | 17.81% | 0.515% |
| 100 | 7.778 | 7.765 | 7.800 | VV | 18422  | 352592  | 5.43%  | 0.157% |
| 101 | 7.844 | 7.800 | 7.892 | VV | 546046 | 6415496 | 98.83% | 2.857% |
| 102 | 7.904 | 7.892 | 7.920 | VV | 17994  | 286841  | 4.42%  | 0.128% |
| 103 | 7.943 | 7.920 | 7.953 | VV | 20211  | 351650  | 5.42%  | 0.157% |
| 104 | 7.967 | 7.953 | 7.980 | VV | 20524  | 318340  | 4.90%  | 0.142% |
| 105 | 7.993 | 7.980 | 8.014 | VV | 20608  | 363948  | 5.61%  | 0.162% |
| 106 | 8.044 | 8.014 | 8.058 | VV | 18467  | 450121  | 6.93%  | 0.200% |
| 107 | 8.095 | 8.058 | 8.130 | VV | 24401  | 878759  | 13.54% | 0.391% |
| 108 | 8.142 | 8.130 | 8.159 | VV | 20047  | 309325  | 4.77%  | 0.138% |
| 109 | 8.177 | 8.159 | 8.190 | VV | 18637  | 319527  | 4.92%  | 0.142% |
| 110 | 8.213 | 8.190 | 8.234 | VV | 66924  | 953059  | 14.68% | 0.424% |
| 111 | 8.250 | 8.234 | 8.289 | VV | 24213  | 684637  | 10.55% | 0.305% |
| 112 | 8.306 | 8.289 | 8.324 | VV | 27085  | 423120  | 6.52%  | 0.188% |
| 113 | 8.339 | 8.324 | 8.346 | VV | 18485  | 235230  | 3.62%  | 0.105% |
| 114 | 8.392 | 8.346 | 8.420 | VV | 346671 | 4075318 | 62.78% | 1.815% |
| 115 | 8.455 | 8.420 | 8.474 | VV | 25452  | 646583  | 9.96%  | 0.288% |
| 116 | 8.483 | 8.474 | 8.490 | VV | 16566  | 162182  | 2.50%  | 0.072% |
| 117 | 8.519 | 8.490 | 8.551 | VV | 373198 | 4043716 | 62.29% | 1.800% |
| 118 | 8.569 | 8.551 | 8.599 | VV | 22360  | 550566  | 8.48%  | 0.245% |
| 119 | 8.617 | 8.599 | 8.652 | VV | 17889  | 502681  | 7.74%  | 0.224% |
| 120 | 8.676 | 8.652 | 8.691 | VV | 21969  | 443881  | 6.84%  | 0.198% |
| 121 | 8.718 | 8.691 | 8.739 | VV | 375172 | 3867550 | 59.58% | 1.722% |
| 122 | 8.752 | 8.739 | 8.769 | VV | 28487  | 397957  | 6.13%  | 0.177% |
| 123 | 8.815 | 8.769 | 8.839 | VV | 393685 | 4282338 | 65.97% | 1.907% |
| 124 | 8.860 | 8.839 | 8.880 | VV | 20551  | 409741  | 6.31%  | 0.182% |
| 125 | 8.926 | 8.880 | 8.951 | VV | 57165  | 1087777 | 16.76% | 0.484% |
| 126 | 8.966 | 8.951 | 8.987 | VV | 16802  | 296322  | 4.56%  | 0.132% |
| 127 | 9.009 | 8.987 | 9.025 | VV | 15480  | 285378  | 4.40%  | 0.127% |
| 128 | 9.050 | 9.025 | 9.062 | VV | 15738  | 302612  | 4.66%  | 0.135% |
| 129 | 9.076 | 9.062 | 9.122 | VV | 15845  | 480087  | 7.40%  | 0.214% |
| 130 | 9.161 | 9.122 | 9.182 | VV | 18244  | 507887  | 7.82%  | 0.226% |
| 131 | 9.194 | 9.182 | 9.209 | VV | 13313  | 201355  | 3.10%  | 0.090% |
| 132 | 9.220 | 9.209 | 9.239 | VV | 12851  | 221811  | 3.42%  | 0.099% |
| 133 | 9.250 | 9.239 | 9.279 | VV | 12863  | 277148  | 4.27%  | 0.123% |
| 134 | 9.295 | 9.279 | 9.322 | VV | 13378  | 290357  | 4.47%  | 0.129% |
| 135 | 9.344 | 9.322 | 9.400 | VV | 10605  | 431989  | 6.65%  | 0.192% |
| 136 | 9.446 | 9.400 | 9.474 | VV | 11739  | 416676  | 6.42%  | 0.186% |
| 137 | 9.509 | 9.474 | 9.528 | VV | 11493  | 315632  | 4.86%  | 0.141% |
| 138 | 9.544 | 9.528 | 9.561 | VV | 9449   | 158503  | 2.44%  | 0.071% |
| 139 | 9.597 | 9.561 | 9.637 | VV | 369199 | 4114250 | 63.38% | 1.832% |
| 140 | 9.660 | 9.637 | 9.689 | VV | 12903  | 314133  | 4.84%  | 0.140% |
| 141 | 9.719 | 9.689 | 9.729 | VV | 8619   | 198900  | 3.06%  | 0.089% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.745  | 9.729  | 9.762  | VV | 12332  | 194569  | 3.00%  | 0.087% |
| 143    | 9.770  | 9.762  | 9.791  | VV | 7946   | 122335  | 1.88%  | 0.054% |
| 144    | 9.809  | 9.791  | 9.855  | VV | 10232  | 266384  | 4.10%  | 0.119% |
| 145    | 9.867  | 9.855  | 9.882  | VV | 5339   | 82690   | 1.27%  | 0.037% |
| 146    | 9.910  | 9.882  | 9.922  | VV | 7677   | 158278  | 2.44%  | 0.070% |
| 147    | 9.948  | 9.922  | 9.957  | VV | 9422   | 172393  | 2.66%  | 0.077% |
| 148    | 9.988  | 9.957  | 10.034 | VV | 316814 | 3661714 | 56.41% | 1.630% |
| 149    | 10.050 | 10.034 | 10.064 | VV | 7343   | 117196  | 1.81%  | 0.052% |
| 150    | 10.089 | 10.064 | 10.140 | VV | 6647   | 248329  | 3.83%  | 0.111% |
| 151    | 10.168 | 10.140 | 10.179 | VV | 5324   | 107104  | 1.65%  | 0.048% |
| 152    | 10.192 | 10.179 | 10.250 | VV | 5436   | 206065  | 3.17%  | 0.092% |
| 153    | 10.270 | 10.250 | 10.294 | VV | 6067   | 123016  | 1.90%  | 0.055% |
| 154    | 10.335 | 10.294 | 10.350 | VV | 5215   | 144024  | 2.22%  | 0.064% |
| 155    | 10.375 | 10.350 | 10.405 | VV | 17149  | 301066  | 4.64%  | 0.134% |
| 156    | 10.444 | 10.405 | 10.462 | VV | 5567   | 158145  | 2.44%  | 0.070% |
| 157    | 10.471 | 10.462 | 10.496 | VV | 4857   | 80091   | 1.23%  | 0.036% |
| 158    | 10.524 | 10.496 | 10.555 | VV | 5024   | 131008  | 2.02%  | 0.058% |
| 159    | 10.581 | 10.555 | 10.604 | VV | 3038   | 76367   | 1.18%  | 0.034% |
| 160    | 10.622 | 10.604 | 10.632 | VV | 3441   | 52559   | 0.81%  | 0.023% |
| 161    | 10.655 | 10.632 | 10.694 | VV | 4814   | 127643  | 1.97%  | 0.057% |
| 162    | 10.728 | 10.694 | 10.747 | VV | 5364   | 126290  | 1.95%  | 0.056% |
| 163    | 10.759 | 10.747 | 10.770 | VV | 3527   | 45663   | 0.70%  | 0.020% |
| 164    | 10.793 | 10.770 | 10.825 | VV | 20714  | 329240  | 5.07%  | 0.147% |
| 165    | 10.839 | 10.825 | 10.882 | VV | 4095   | 100052  | 1.54%  | 0.045% |
| 166    | 10.898 | 10.882 | 10.925 | VV | 2331   | 55015   | 0.85%  | 0.024% |
| 167    | 10.935 | 10.925 | 10.952 | VV | 2453   | 32313   | 0.50%  | 0.014% |
| 168    | 11.001 | 10.952 | 11.033 | VV | 351169 | 3756968 | 57.87% | 1.673% |
| 169    | 11.076 | 11.033 | 11.162 | VV | 336697 | 3735018 | 57.54% | 1.663% |
| 170    | 11.175 | 11.162 | 11.190 | VV | 1739   | 22676   | 0.35%  | 0.010% |
| 171    | 11.208 | 11.190 | 11.229 | VV | 1824   | 30464   | 0.47%  | 0.014% |
| 172    | 11.282 | 11.229 | 11.322 | VV | 2589   | 89726   | 1.38%  | 0.040% |
| 173    | 11.365 | 11.322 | 11.374 | VV | 1541   | 39730   | 0.61%  | 0.018% |
| 174    | 11.428 | 11.374 | 11.469 | VV | 293649 | 3400192 | 52.38% | 1.514% |
| 175    | 11.485 | 11.469 | 11.493 | VV | 1057   | 13880   | 0.21%  | 0.006% |
| 176    | 11.519 | 11.493 | 11.559 | VV | 6869   | 104199  | 1.61%  | 0.046% |
| 177    | 11.586 | 11.559 | 11.610 | VV | 1490   | 23649   | 0.36%  | 0.011% |
| 178    | 11.629 | 11.610 | 11.656 | PV | 509    | 9757    | 0.15%  | 0.004% |
| 179    | 11.687 | 11.656 | 11.702 | VV | 872    | 15040   | 0.23%  | 0.007% |
| 180    | 11.758 | 11.702 | 11.787 | VV | 363971 | 3983451 | 61.36% | 1.774% |
| 181    | 11.798 | 11.787 | 11.813 | VV | 1494   | 15885   | 0.24%  | 0.007% |
| 182    | 11.829 | 11.813 | 11.870 | VV | 1800   | 30519   | 0.47%  | 0.014% |
| 183    | 11.914 | 11.870 | 11.932 | VV | 2742   | 47997   | 0.74%  | 0.021% |
| 184    | 11.946 | 11.932 | 11.962 | VV | 1738   | 22306   | 0.34%  | 0.010% |
| 185    | 11.981 | 11.962 | 12.002 | VV | 1952   | 24896   | 0.38%  | 0.011% |
| 186    | 12.019 | 12.002 | 12.028 | VV | 311    | 4592    | 0.07%  | 0.002% |
| 187    | 12.077 | 12.028 | 12.148 | VV | 1973   | 65642   | 1.01%  | 0.029% |
| 188    | 12.169 | 12.148 | 12.177 | PV | 489    | 5354    | 0.08%  | 0.002% |
| 189    | 12.197 | 12.177 | 12.207 | VV | 657    | 9346    | 0.14%  | 0.004% |
| 190    | 12.230 | 12.207 | 12.250 | VV | 814    | 15142   | 0.23%  | 0.007% |
| 191    | 12.266 | 12.250 | 12.284 | VV | 737    | 7967    | 0.12%  | 0.004% |
| 192    | 12.296 | 12.284 | 12.308 | VV | 552    | 4897    | 0.08%  | 0.002% |
| 193    | 12.340 | 12.308 | 12.394 | PV | 18636  | 216680  | 3.34%  | 0.096% |
| 194    | 12.407 | 12.394 | 12.422 | VV | 1047   | 14165   | 0.22%  | 0.006% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.440 | 12.422 | 12.465 | VV | 849    | 11942   | 0.18%  | 0.005% |
| 196 | 12.485 | 12.465 | 12.500 | VV | 922    | 15184   | 0.23%  | 0.007% |
| 197 | 12.517 | 12.500 | 12.525 | VV | 959    | 11306   | 0.17%  | 0.005% |
| 198 | 12.536 | 12.525 | 12.553 | VV | 921    | 12514   | 0.19%  | 0.006% |
| 199 | 12.592 | 12.553 | 12.635 | VV | 2566   | 54651   | 0.84%  | 0.024% |
| 200 | 12.736 | 12.635 | 12.778 | VV | 287371 | 3367206 | 51.87% | 1.499% |
| 201 | 12.821 | 12.778 | 12.900 | VV | 323491 | 3583025 | 55.20% | 1.595% |
| 202 | 12.934 | 12.900 | 12.952 | VV | 603    | 12606   | 0.19%  | 0.006% |
| 203 | 13.004 | 12.952 | 13.039 | VV | 4348   | 70970   | 1.09%  | 0.032% |
| 204 | 13.060 | 13.039 | 13.084 | VV | 793    | 16321   | 0.25%  | 0.007% |
| 205 | 13.120 | 13.084 | 13.152 | VV | 303663 | 3415261 | 52.61% | 1.521% |
| 206 | 13.182 | 13.152 | 13.216 | VV | 270240 | 3169983 | 48.83% | 1.411% |
| 207 | 13.224 | 13.216 | 13.257 | VV | 1579   | 32589   | 0.50%  | 0.015% |
| 208 | 13.293 | 13.257 | 13.308 | VV | 1713   | 41866   | 0.64%  | 0.019% |
| 209 | 13.346 | 13.308 | 13.384 | VV | 286598 | 3317364 | 51.10% | 1.477% |
| 210 | 13.399 | 13.384 | 13.427 | VV | 1806   | 39111   | 0.60%  | 0.017% |
| 211 | 13.444 | 13.427 | 13.490 | VV | 1793   | 49058   | 0.76%  | 0.022% |
| 212 | 13.507 | 13.490 | 13.517 | VV | 1661   | 20771   | 0.32%  | 0.009% |
| 213 | 13.531 | 13.517 | 13.548 | VV | 2171   | 31572   | 0.49%  | 0.014% |
| 214 | 13.571 | 13.548 | 13.595 | VV | 2333   | 53216   | 0.82%  | 0.024% |
| 215 | 13.618 | 13.595 | 13.644 | VV | 2022   | 51217   | 0.79%  | 0.023% |
| 216 | 13.660 | 13.644 | 13.669 | VV | 2160   | 28210   | 0.43%  | 0.013% |
| 217 | 13.699 | 13.669 | 13.724 | VV | 3006   | 73983   | 1.14%  | 0.033% |
| 218 | 13.730 | 13.724 | 13.744 | VV | 2119   | 23514   | 0.36%  | 0.010% |
| 219 | 13.767 | 13.744 | 13.784 | VV | 2403   | 50626   | 0.78%  | 0.023% |
| 220 | 13.807 | 13.784 | 13.835 | VV | 3491   | 82388   | 1.27%  | 0.037% |
| 221 | 13.852 | 13.835 | 13.871 | VV | 2824   | 52462   | 0.81%  | 0.023% |
| 222 | 13.885 | 13.871 | 13.899 | VV | 2550   | 38801   | 0.60%  | 0.017% |
| 223 | 13.932 | 13.899 | 14.007 | VV | 272366 | 3386655 | 52.17% | 1.508% |
| 224 | 14.015 | 14.007 | 14.033 | VV | 2755   | 38110   | 0.59%  | 0.017% |
| 225 | 14.074 | 14.033 | 14.100 | VV | 2670   | 97974   | 1.51%  | 0.044% |
| 226 | 14.116 | 14.100 | 14.130 | VV | 2753   | 45590   | 0.70%  | 0.020% |
| 227 | 14.171 | 14.130 | 14.194 | VV | 3597   | 114595  | 1.77%  | 0.051% |
| 228 | 14.231 | 14.194 | 14.265 | VV | 3510   | 132469  | 2.04%  | 0.059% |
| 229 | 14.285 | 14.265 | 14.299 | VV | 3312   | 59816   | 0.92%  | 0.027% |
| 230 | 14.324 | 14.299 | 14.354 | VV | 4737   | 132013  | 2.03%  | 0.059% |
| 231 | 14.387 | 14.354 | 14.428 | VV | 13500  | 272295  | 4.19%  | 0.121% |
| 232 | 14.454 | 14.428 | 14.475 | VV | 4007   | 100801  | 1.55%  | 0.045% |
| 233 | 14.494 | 14.475 | 14.517 | VV | 4001   | 90884   | 1.40%  | 0.040% |
| 234 | 14.527 | 14.517 | 14.537 | VV | 3953   | 44681   | 0.69%  | 0.020% |
| 235 | 14.553 | 14.537 | 14.574 | VV | 4994   | 96923   | 1.49%  | 0.043% |
| 236 | 14.581 | 14.574 | 14.592 | VV | 4330   | 46379   | 0.71%  | 0.021% |
| 237 | 14.625 | 14.592 | 14.649 | VV | 4952   | 148756  | 2.29%  | 0.066% |
| 238 | 14.682 | 14.649 | 14.700 | VV | 4714   | 126335  | 1.95%  | 0.056% |
| 239 | 14.720 | 14.700 | 14.737 | VV | 4313   | 91034   | 1.40%  | 0.041% |
| 240 | 14.758 | 14.737 | 14.777 | VV | 4860   | 107036  | 1.65%  | 0.048% |
| 241 | 14.783 | 14.777 | 14.800 | VV | 4905   | 62440   | 0.96%  | 0.028% |
| 242 | 14.808 | 14.800 | 14.827 | VV | 4011   | 62735   | 0.97%  | 0.028% |
| 243 | 14.849 | 14.827 | 14.872 | VV | 4995   | 119961  | 1.85%  | 0.053% |
| 244 | 14.887 | 14.872 | 14.912 | VV | 4829   | 109966  | 1.69%  | 0.049% |
| 245 | 14.936 | 14.912 | 14.957 | VV | 5189   | 131544  | 2.03%  | 0.059% |
| 246 | 14.996 | 14.957 | 15.013 | VV | 257567 | 3190819 | 49.15% | 1.421% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 247    | 15.037 | 15.013 | 15.092 | VV | 475408 | 6491551 | 100.00% | 2.890% |
| 248    | 15.098 | 15.092 | 15.135 | VV | 5517   | 135454  | 2.09%   | 0.060% |
| 249    | 15.182 | 15.135 | 15.243 | VV | 6881   | 359052  | 5.53%   | 0.160% |
| 250    | 15.301 | 15.243 | 15.311 | VV | 5781   | 216995  | 3.34%   | 0.097% |
|        |        |        |        |    |        |         |         |        |
| 251    | 15.319 | 15.311 | 15.344 | VV | 5629   | 103655  | 1.60%   | 0.046% |
| 252    | 15.364 | 15.344 | 15.380 | VV | 5760   | 119059  | 1.83%   | 0.053% |
| 253    | 15.413 | 15.380 | 15.464 | VV | 42098  | 841605  | 12.96%  | 0.375% |
| 254    | 15.479 | 15.464 | 15.521 | VV | 6946   | 218389  | 3.36%   | 0.097% |
| 255    | 15.572 | 15.521 | 15.600 | VV | 8969   | 336524  | 5.18%   | 0.150% |
|        |        |        |        |    |        |         |         |        |
| 256    | 15.637 | 15.600 | 15.679 | VV | 8988   | 335809  | 5.17%   | 0.150% |
| 257    | 15.698 | 15.679 | 15.739 | VV | 6576   | 223733  | 3.45%   | 0.100% |
| 258    | 15.779 | 15.739 | 15.789 | VV | 6657   | 181347  | 2.79%   | 0.081% |
| 259    | 15.808 | 15.789 | 15.857 | VV | 7336   | 277996  | 4.28%   | 0.124% |
| 260    | 15.877 | 15.857 | 15.894 | VV | 7436   | 154767  | 2.38%   | 0.069% |
|        |        |        |        |    |        |         |         |        |
| 261    | 15.911 | 15.894 | 15.919 | VV | 6928   | 101990  | 1.57%   | 0.045% |
| 262    | 15.945 | 15.919 | 15.969 | VV | 7743   | 213066  | 3.28%   | 0.095% |
| 263    | 15.980 | 15.969 | 16.000 | VV | 7029   | 125195  | 1.93%   | 0.056% |
| 264    | 16.054 | 16.000 | 16.137 | VV | 244248 | 3586095 | 55.24%  | 1.597% |
| 265    | 16.158 | 16.137 | 16.181 | VV | 7512   | 183884  | 2.83%   | 0.082% |
|        |        |        |        |    |        |         |         |        |
| 266    | 16.200 | 16.181 | 16.215 | VV | 7381   | 141178  | 2.17%   | 0.063% |
| 267    | 16.269 | 16.215 | 16.294 | VV | 9229   | 373544  | 5.75%   | 0.166% |
| 268    | 16.305 | 16.294 | 16.320 | VV | 7778   | 119552  | 1.84%   | 0.053% |
| 269    | 16.337 | 16.320 | 16.347 | VV | 8542   | 126672  | 1.95%   | 0.056% |
| 270    | 16.366 | 16.347 | 16.392 | VV | 9841   | 233232  | 3.59%   | 0.104% |
|        |        |        |        |    |        |         |         |        |
| 271    | 16.431 | 16.392 | 16.514 | VV | 12761  | 668729  | 10.30%  | 0.298% |
| 272    | 16.557 | 16.514 | 16.572 | VV | 244300 | 3475569 | 53.54%  | 1.548% |
| 273    | 16.589 | 16.572 | 16.657 | VV | 267816 | 3446600 | 53.09%  | 1.535% |
| 274    | 16.671 | 16.657 | 16.690 | VV | 10039  | 187965  | 2.90%   | 0.084% |
| 275    | 16.701 | 16.690 | 16.729 | VV | 9960   | 213611  | 3.29%   | 0.095% |
|        |        |        |        |    |        |         |         |        |
| 276    | 16.745 | 16.729 | 16.780 | VV | 9697   | 287489  | 4.43%   | 0.128% |
| 277    | 16.789 | 16.780 | 16.803 | VV | 9715   | 125024  | 1.93%   | 0.056% |
| 278    | 16.823 | 16.803 | 16.836 | VV | 9625   | 182372  | 2.81%   | 0.081% |
| 279    | 16.875 | 16.836 | 16.899 | VV | 11354  | 387715  | 5.97%   | 0.173% |
| 280    | 16.938 | 16.899 | 16.967 | VV | 237409 | 3218634 | 49.58%  | 1.433% |
|        |        |        |        |    |        |         |         |        |
| 281    | 17.002 | 16.967 | 17.032 | VV | 238245 | 3307797 | 50.96%  | 1.473% |
| 282    | 17.043 | 17.032 | 17.065 | VV | 13295  | 239335  | 3.69%   | 0.107% |
| 283    | 17.079 | 17.065 | 17.100 | VV | 11848  | 219915  | 3.39%   | 0.098% |
| 284    | 17.116 | 17.100 | 17.124 | VV | 9930   | 134516  | 2.07%   | 0.060% |
| 285    | 17.133 | 17.124 | 17.142 | VV | 9941   | 106957  | 1.65%   | 0.048% |
|        |        |        |        |    |        |         |         |        |
| 286    | 17.149 | 17.142 | 17.173 | VV | 9890   | 171410  | 2.64%   | 0.076% |
| 287    | 17.266 | 17.173 | 17.305 | VV | 12021  | 817348  | 12.59%  | 0.364% |
| 288    | 17.339 | 17.305 | 17.350 | VV | 10931  | 273279  | 4.21%   | 0.122% |
| 289    | 17.369 | 17.350 | 17.399 | VV | 12378  | 324296  | 5.00%   | 0.144% |
| 290    | 17.412 | 17.399 | 17.422 | VV | 10137  | 138585  | 2.13%   | 0.062% |
|        |        |        |        |    |        |         |         |        |
| 291    | 17.446 | 17.422 | 17.481 | VV | 18722  | 439151  | 6.76%   | 0.196% |
| 292    | 17.501 | 17.481 | 17.519 | VV | 9453   | 202151  | 3.11%   | 0.090% |
| 293    | 17.535 | 17.519 | 17.544 | VV | 9615   | 139741  | 2.15%   | 0.062% |
| 294    | 17.552 | 17.544 | 17.564 | VV | 9618   | 107629  | 1.66%   | 0.048% |
| 295    | 17.583 | 17.564 | 17.629 | VV | 11948  | 384239  | 5.92%   | 0.171% |
|        |        |        |        |    |        |         |         |        |
| 296    | 17.637 | 17.629 | 17.652 | VV | 9063   | 117382  | 1.81%   | 0.052% |
| 297    | 17.671 | 17.652 | 17.690 | VV | 8998   | 197416  | 3.04%   | 0.088% |
| 298    | 17.698 | 17.690 | 17.722 | VV | 8758   | 156452  | 2.41%   | 0.070% |
| 299    | 17.746 | 17.722 | 17.784 | VV | 8994   | 314046  | 4.84%   | 0.140% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 17.804 | 17.784 | 17.839 | VV | 9574   | 286207  | 4.41%  | 0.127% |
| 301 | 17.888 | 17.839 | 17.924 | VV | 225074 | 3320156 | 51.15% | 1.478% |
| 302 | 17.934 | 17.924 | 17.942 | VV | 8123   | 84796   | 1.31%  | 0.038% |
| 303 | 17.963 | 17.942 | 18.001 | VV | 10540  | 323393  | 4.98%  | 0.144% |
| 304 | 18.023 | 18.001 | 18.036 | VV | 8983   | 177106  | 2.73%  | 0.079% |
| 305 | 18.057 | 18.036 | 18.074 | VV | 12911  | 236257  | 3.64%  | 0.105% |
| 306 | 18.082 | 18.074 | 18.118 | VV | 10406  | 252760  | 3.89%  | 0.113% |
| 307 | 18.136 | 18.118 | 18.154 | VV | 8327   | 169309  | 2.61%  | 0.075% |
| 308 | 18.160 | 18.154 | 18.174 | VV | 8638   | 95774   | 1.48%  | 0.043% |
| 309 | 18.189 | 18.174 | 18.199 | VV | 8123   | 114326  | 1.76%  | 0.051% |
| 310 | 18.250 | 18.199 | 18.275 | VV | 20525  | 623750  | 9.61%  | 0.278% |
| 311 | 18.312 | 18.275 | 18.326 | VV | 250013 | 3387649 | 52.19% | 1.508% |
| 312 | 18.346 | 18.326 | 18.377 | VV | 239885 | 3122064 | 48.09% | 1.390% |
| 313 | 18.427 | 18.377 | 18.496 | VV | 12420  | 619873  | 9.55%  | 0.276% |
| 314 | 18.513 | 18.496 | 18.529 | VV | 7672   | 144303  | 2.22%  | 0.064% |
| 315 | 18.570 | 18.529 | 18.605 | VV | 236277 | 3339593 | 51.45% | 1.487% |
| 316 | 18.618 | 18.605 | 18.655 | VV | 7703   | 218369  | 3.36%  | 0.097% |
| 317 | 18.719 | 18.655 | 18.777 | VV | 204105 | 3297040 | 50.79% | 1.468% |
| 318 | 18.818 | 18.777 | 18.835 | VV | 8900   | 271567  | 4.18%  | 0.121% |
| 319 | 18.849 | 18.835 | 18.863 | VV | 8411   | 130145  | 2.00%  | 0.058% |
| 320 | 18.895 | 18.863 | 18.931 | VV | 8862   | 321568  | 4.95%  | 0.143% |
| 321 | 18.938 | 18.931 | 18.960 | VV | 7639   | 122380  | 1.89%  | 0.054% |
| 322 | 18.980 | 18.960 | 18.988 | VV | 7473   | 123216  | 1.90%  | 0.055% |
| 323 | 19.029 | 18.988 | 19.045 | VV | 7580   | 250878  | 3.86%  | 0.112% |
| 324 | 19.074 | 19.045 | 19.164 | VV | 13521  | 761104  | 11.72% | 0.339% |
| 325 | 19.178 | 19.164 | 19.200 | VV | 8507   | 174142  | 2.68%  | 0.078% |
| 326 | 19.217 | 19.200 | 19.229 | VV | 8500   | 139606  | 2.15%  | 0.062% |
| 327 | 19.267 | 19.229 | 19.290 | VV | 9173   | 311864  | 4.80%  | 0.139% |
| 328 | 19.307 | 19.290 | 19.342 | VV | 8306   | 239508  | 3.69%  | 0.107% |
| 329 | 19.364 | 19.342 | 19.372 | VV | 8046   | 137382  | 2.12%  | 0.061% |
| 330 | 19.394 | 19.372 | 19.410 | VV | 8531   | 186024  | 2.87%  | 0.083% |
| 331 | 19.428 | 19.410 | 19.452 | VV | 8695   | 201304  | 3.10%  | 0.090% |
| 332 | 19.500 | 19.452 | 19.559 | VV | 194797 | 3103081 | 47.80% | 1.382% |
| 333 | 19.585 | 19.559 | 19.603 | VV | 10000  | 253239  | 3.90%  | 0.113% |
| 334 | 19.612 | 19.603 | 19.674 | VV | 9755   | 398349  | 6.14%  | 0.177% |
| 335 | 19.695 | 19.674 | 19.726 | VV | 10861  | 312699  | 4.82%  | 0.139% |
| 336 | 19.737 | 19.726 | 19.754 | VV | 10051  | 168033  | 2.59%  | 0.075% |
| 337 | 19.777 | 19.754 | 19.794 | VV | 10569  | 246332  | 3.79%  | 0.110% |
| 338 | 19.803 | 19.794 | 19.819 | VV | 10426  | 146968  | 2.26%  | 0.065% |
| 339 | 19.881 | 19.819 | 19.927 | VV | 14858  | 790470  | 12.18% | 0.352% |
| 340 | 19.943 | 19.927 | 19.959 | VV | 12217  | 222454  | 3.43%  | 0.099% |
| 341 | 19.975 | 19.959 | 20.007 | VV | 12433  | 340461  | 5.24%  | 0.152% |
| 342 | 20.033 | 20.007 | 20.047 | VV | 11511  | 272973  | 4.21%  | 0.122% |
| 343 | 20.063 | 20.047 | 20.075 | VV | 11989  | 199141  | 3.07%  | 0.089% |
| 344 | 20.101 | 20.075 | 20.114 | VV | 12695  | 280614  | 4.32%  | 0.125% |
| 345 | 20.132 | 20.114 | 20.149 | VV | 12461  | 255890  | 3.94%  | 0.114% |
| 346 | 20.160 | 20.149 | 20.175 | VV | 12542  | 195815  | 3.02%  | 0.087% |
| 347 | 20.191 | 20.175 | 20.199 | VV | 13033  | 176340  | 2.72%  | 0.079% |
| 348 | 20.238 | 20.199 | 20.295 | VV | 166460 | 2867940 | 44.18% | 1.277% |
| 349 | 20.337 | 20.295 | 20.347 | VV | 13506  | 405566  | 6.25%  | 0.181% |
| 350 | 20.386 | 20.347 | 20.395 | VV | 14652  | 406901  | 6.27%  | 0.181% |
| 351 | 20.435 | 20.395 | 20.475 | VV | 14914  | 696636  | 10.73% | 0.310% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rters   |           |        |
| 352 | 20.480 | 20.475 | 20.539 | VV  | 14166                   | 510931  | 7.87%     | 0.227% |
| 353 | 20.600 | 20.539 | 20.674 | VV  | 13990                   | 1065989 | 16.42%    | 0.475% |
| 354 | 20.718 | 20.674 | 20.785 | VV  | 13815                   | 857196  | 13.20%    | 0.382% |
| 355 | 20.797 | 20.785 | 20.845 | VV  | 11700                   | 398249  | 6.13%     | 0.177% |
| 356 | 20.857 | 20.845 | 20.867 | VV  | 10830                   | 137259  | 2.11%     | 0.061% |
| 357 | 20.874 | 20.867 | 20.898 | VV  | 10739                   | 196162  | 3.02%     | 0.087% |
| 358 | 21.009 | 20.898 | 21.117 | VV  | 114334                  | 3260942 | 50.23%    | 1.452% |
| 359 | 21.128 | 21.117 | 21.162 | VV  | 9960                    | 261236  | 4.02%     | 0.116% |
| 360 | 21.173 | 21.162 | 21.190 | VV  | 9690                    | 158660  | 2.44%     | 0.071% |
| 361 | 21.215 | 21.190 | 21.232 | VV  | 9821                    | 242712  | 3.74%     | 0.108% |
| 362 | 21.258 | 21.232 | 21.290 | VV  | 9722                    | 327153  | 5.04%     | 0.146% |
| 363 | 21.299 | 21.290 | 21.372 | VV  | 9195                    | 432286  | 6.66%     | 0.192% |
| 364 | 21.379 | 21.372 | 21.424 | VV  | 8366                    | 252860  | 3.90%     | 0.113% |
| 365 | 21.468 | 21.424 | 21.508 | VV  | 9445                    | 433261  | 6.67%     | 0.193% |
| 366 | 21.540 | 21.508 | 21.670 | VV  | 8382                    | 739452  | 11.39%    | 0.329% |
| 367 | 21.716 | 21.670 | 21.755 | VV  | 7125                    | 353768  | 5.45%     | 0.158% |
| 368 | 21.765 | 21.755 | 21.895 | VV  | 7056                    | 548038  | 8.44%     | 0.244% |
| 369 | 21.978 | 21.895 | 22.050 | VBA | 82478                   | 2423082 | 37.33%    | 1.079% |
|     |        |        |        |     | Sum of corrected areas: |         | 224591193 |        |

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