

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012919AL\  
 Data File : FC038885.D  
 Signal(s) : FID1A.CH  
 Acq On : 29 Jan 2019 22:15  
 Sample : K1008-03MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 010919.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         | 3.090       | 3.052        | 3.185      | BV       | 213341         | 1814687      | 5.32%          | 0.396%        |
| 2         | 3.205       | 3.185        | 3.247      | VV       | 444            | 10708        | 0.03%          | 0.002%        |
| 3         | 3.262       | 3.247        | 3.278      | VV       | 246            | 2760         | 0.01%          | 0.001%        |
| 4         | 3.289       | 3.278        | 3.303      | VV       | 285            | 2225         | 0.01%          | 0.000%        |
| 5         | 3.320       | 3.303        | 3.331      | PV       | 271            | 2151         | 0.01%          | 0.000%        |
| 6         | 3.346       | 3.331        | 3.381      | VV       | 502            | 7848         | 0.02%          | 0.002%        |
| 7         | 3.395       | 3.381        | 3.405      | VV       | 307            | 3007         | 0.01%          | 0.001%        |
| 8         | 3.412       | 3.405        | 3.441      | VV       | 229            | 2364         | 0.01%          | 0.001%        |
| 9         | 3.458       | 3.441        | 3.491      | PV       | 579            | 9754         | 0.03%          | 0.002%        |
| 10        | 3.525       | 3.491        | 3.554      | VV       | 428            | 10851        | 0.03%          | 0.002%        |
| 11        | 3.579       | 3.554        | 3.591      | VV       | 934            | 12347        | 0.04%          | 0.003%        |
| 12        | 3.611       | 3.591        | 3.641      | VV       | 742            | 13261        | 0.04%          | 0.003%        |
| 13        | 3.660       | 3.641        | 3.706      | VV       | 1241           | 21500        | 0.06%          | 0.005%        |
| 14        | 3.750       | 3.706        | 3.764      | PV       | 2300           | 26620        | 0.08%          | 0.006%        |
| 15        | 3.775       | 3.764        | 3.792      | VV       | 1343           | 14769        | 0.04%          | 0.003%        |
| 16        | 3.841       | 3.792        | 3.882      | VV       | 1488           | 37027        | 0.11%          | 0.008%        |
| 17        | 3.910       | 3.882        | 3.971      | VV       | 5274           | 120330       | 0.35%          | 0.026%        |
| 18        | 3.979       | 3.971        | 4.022      | VV       | 1024           | 18729        | 0.05%          | 0.004%        |
| 19        | 4.051       | 4.022        | 4.071      | PV       | 799            | 11922        | 0.03%          | 0.003%        |
| 20        | 4.092       | 4.071        | 4.113      | VV       | 1508           | 18708        | 0.05%          | 0.004%        |
| 21        | 4.144       | 4.113        | 4.161      | VV       | 248350         | 2190488      | 6.42%          | 0.478%        |
| 22        | 4.177       | 4.161        | 4.230      | VV       | 243189         | 2255909      | 6.61%          | 0.492%        |
| 23        | 4.243       | 4.230        | 4.267      | VV       | 2802           | 42127        | 0.12%          | 0.009%        |
| 24        | 4.285       | 4.267        | 4.318      | VV       | 4416           | 68327        | 0.20%          | 0.015%        |
| 25        | 4.330       | 4.318        | 4.379      | VV       | 1662           | 44164        | 0.13%          | 0.010%        |
| 26        | 4.395       | 4.379        | 4.406      | VV       | 3796           | 35043        | 0.10%          | 0.008%        |
| 27        | 4.415       | 4.406        | 4.430      | VV       | 2609           | 24594        | 0.07%          | 0.005%        |
| 28        | 4.446       | 4.430        | 4.455      | VV       | 2713           | 28776        | 0.08%          | 0.006%        |
| 29        | 4.465       | 4.455        | 4.481      | VV       | 3187           | 31916        | 0.09%          | 0.007%        |
| 30        | 4.517       | 4.481        | 4.542      | VV       | 4699           | 90091        | 0.26%          | 0.020%        |
| 31        | 4.556       | 4.542        | 4.574      | VV       | 4140           | 52218        | 0.15%          | 0.011%        |
| 32        | 4.594       | 4.574        | 4.635      | VV       | 9789           | 132419       | 0.39%          | 0.029%        |
| 33        | 4.662       | 4.635        | 4.678      | VV       | 3574           | 44512        | 0.13%          | 0.010%        |
| 34        | 4.691       | 4.678        | 4.713      | VV       | 1662           | 17258        | 0.05%          | 0.004%        |
| 35        | 4.748       | 4.713        | 4.761      | VV       | 4081           | 46954        | 0.14%          | 0.010%        |
| 36        | 4.776       | 4.761        | 4.801      | VV       | 9515           | 128724       | 0.38%          | 0.028%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 4.818 | 4.801 | 4.834 | VV | 8719   | 100262  | 0.29%  | 0.022% |
| 38 | 4.849 | 4.834 | 4.863 | VV | 5674   | 71631   | 0.21%  | 0.016% |
| 39 | 4.877 | 4.863 | 4.912 | VV | 7010   | 87904   | 0.26%  | 0.019% |
| 40 | 4.925 | 4.912 | 4.947 | VV | 756    | 10371   | 0.03%  | 0.002% |
| 41 | 4.967 | 4.947 | 4.979 | PV | 4253   | 45346   | 0.13%  | 0.010% |
| 42 | 4.989 | 4.979 | 5.001 | VV | 3557   | 38823   | 0.11%  | 0.008% |
| 43 | 5.025 | 5.001 | 5.042 | VV | 6481   | 110905  | 0.33%  | 0.024% |
| 44 | 5.057 | 5.042 | 5.088 | VV | 7902   | 119369  | 0.35%  | 0.026% |
| 45 | 5.114 | 5.088 | 5.129 | VV | 5028   | 74084   | 0.22%  | 0.016% |
| 46 | 5.139 | 5.129 | 5.152 | VV | 2681   | 23430   | 0.07%  | 0.005% |
| 47 | 5.173 | 5.152 | 5.267 | VV | 53040  | 751508  | 2.20%  | 0.164% |
| 48 | 5.289 | 5.267 | 5.301 | VV | 2193   | 29768   | 0.09%  | 0.006% |
| 49 | 5.337 | 5.301 | 5.397 | VV | 12397  | 335628  | 0.98%  | 0.073% |
| 50 | 5.416 | 5.397 | 5.427 | VV | 8521   | 92939   | 0.27%  | 0.020% |
| 51 | 5.445 | 5.427 | 5.486 | VV | 19127  | 426482  | 1.25%  | 0.093% |
| 52 | 5.533 | 5.486 | 5.560 | VV | 23224  | 443239  | 1.30%  | 0.097% |
| 53 | 5.576 | 5.560 | 5.604 | VV | 10047  | 184692  | 0.54%  | 0.040% |
| 54 | 5.618 | 5.604 | 5.634 | VV | 11685  | 134071  | 0.39%  | 0.029% |
| 55 | 5.667 | 5.634 | 5.682 | VV | 11681  | 214377  | 0.63%  | 0.047% |
| 56 | 5.701 | 5.682 | 5.781 | VV | 233316 | 2929339 | 8.59%  | 0.639% |
| 57 | 5.806 | 5.781 | 5.822 | VV | 17428  | 263801  | 0.77%  | 0.058% |
| 58 | 5.841 | 5.822 | 5.854 | VV | 16024  | 243482  | 0.71%  | 0.053% |
| 59 | 5.870 | 5.854 | 5.905 | VV | 20167  | 397328  | 1.16%  | 0.087% |
| 60 | 5.922 | 5.905 | 5.936 | VV | 13807  | 174339  | 0.51%  | 0.038% |
| 61 | 5.944 | 5.936 | 5.952 | VV | 9283   | 83665   | 0.25%  | 0.018% |
| 62 | 5.970 | 5.952 | 6.004 | VV | 15197  | 306759  | 0.90%  | 0.067% |
| 63 | 6.021 | 6.004 | 6.044 | VV | 10544  | 211069  | 0.62%  | 0.046% |
| 64 | 6.069 | 6.044 | 6.089 | VV | 23693  | 372387  | 1.09%  | 0.081% |
| 65 | 6.108 | 6.089 | 6.122 | VV | 9224   | 163225  | 0.48%  | 0.036% |
| 66 | 6.147 | 6.122 | 6.194 | VV | 340741 | 3524600 | 10.33% | 0.769% |
| 67 | 6.228 | 6.194 | 6.241 | VV | 9090   | 191716  | 0.56%  | 0.042% |
| 68 | 6.257 | 6.241 | 6.272 | VV | 13817  | 202790  | 0.59%  | 0.044% |
| 69 | 6.293 | 6.272 | 6.314 | VV | 36197  | 492772  | 1.44%  | 0.108% |
| 70 | 6.335 | 6.314 | 6.351 | VV | 14574  | 244082  | 0.72%  | 0.053% |
| 71 | 6.363 | 6.351 | 6.374 | VV | 11614  | 134739  | 0.39%  | 0.029% |
| 72 | 6.387 | 6.374 | 6.399 | VV | 12686  | 160246  | 0.47%  | 0.035% |
| 73 | 6.414 | 6.399 | 6.437 | VV | 24411  | 322683  | 0.95%  | 0.070% |
| 74 | 6.455 | 6.437 | 6.466 | VV | 16893  | 214129  | 0.63%  | 0.047% |
| 75 | 6.477 | 6.466 | 6.505 | VV | 18684  | 315076  | 0.92%  | 0.069% |
| 76 | 6.530 | 6.505 | 6.588 | VV | 55712  | 952631  | 2.79%  | 0.208% |
| 77 | 6.607 | 6.588 | 6.625 | VV | 14946  | 251324  | 0.74%  | 0.055% |
| 78 | 6.650 | 6.625 | 6.673 | VV | 25587  | 513890  | 1.51%  | 0.112% |
| 79 | 6.696 | 6.673 | 6.722 | VV | 28106  | 497765  | 1.46%  | 0.109% |
| 80 | 6.749 | 6.722 | 6.785 | VV | 289107 | 3306010 | 9.69%  | 0.722% |
| 81 | 6.799 | 6.785 | 6.816 | VV | 29033  | 366709  | 1.07%  | 0.080% |
| 82 | 6.842 | 6.816 | 6.871 | VV | 35790  | 670878  | 1.97%  | 0.146% |
| 83 | 6.895 | 6.871 | 6.916 | VV | 23726  | 422441  | 1.24%  | 0.092% |
| 84 | 6.934 | 6.916 | 6.950 | VV | 17076  | 253004  | 0.74%  | 0.055% |
| 85 | 6.962 | 6.950 | 6.972 | VV | 12479  | 149854  | 0.44%  | 0.033% |
| 86 | 6.987 | 6.972 | 7.009 | VV | 12523  | 258484  | 0.76%  | 0.056% |
| 87 | 7.030 | 7.009 | 7.043 | VV | 44882  | 593427  | 1.74%  | 0.130% |
| 88 | 7.062 | 7.043 | 7.099 | VV | 123239 | 1645222 | 4.82%  | 0.359% |
| 89 | 7.107 | 7.099 | 7.156 | VV | 17740  | 517638  | 1.52%  | 0.113% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 7.180 | 7.156 | 7.191 | VV | 11959  | 230112  | 0.67%  | 0.050% |
| 91  | 7.226 | 7.191 | 7.259 | VV | 36021  | 889580  | 2.61%  | 0.194% |
| 92  | 7.277 | 7.259 | 7.302 | VV | 19221  | 340347  | 1.00%  | 0.074% |
| 93  | 7.318 | 7.302 | 7.336 | VV | 15898  | 244808  | 0.72%  | 0.053% |
| 94  | 7.361 | 7.336 | 7.403 | VV | 512124 | 5725366 | 16.78% | 1.250% |
| 95  | 7.417 | 7.403 | 7.454 | VV | 29186  | 585403  | 1.72%  | 0.128% |
| 96  | 7.478 | 7.454 | 7.497 | VV | 25101  | 485181  | 1.42%  | 0.106% |
| 97  | 7.515 | 7.497 | 7.529 | VV | 32172  | 446024  | 1.31%  | 0.097% |
| 98  | 7.540 | 7.529 | 7.557 | VV | 20753  | 307446  | 0.90%  | 0.067% |
| 99  | 7.578 | 7.557 | 7.596 | VV | 25810  | 444880  | 1.30%  | 0.097% |
| 100 | 7.624 | 7.596 | 7.636 | VV | 32776  | 531847  | 1.56%  | 0.116% |
| 101 | 7.646 | 7.636 | 7.659 | VV | 33125  | 383155  | 1.12%  | 0.084% |
| 102 | 7.675 | 7.659 | 7.699 | VV | 35779  | 561039  | 1.64%  | 0.122% |
| 103 | 7.747 | 7.699 | 7.773 | VV | 45202  | 917536  | 2.69%  | 0.200% |
| 104 | 7.788 | 7.773 | 7.806 | VV | 16206  | 270365  | 0.79%  | 0.059% |
| 105 | 7.833 | 7.806 | 7.852 | VV | 26700  | 554603  | 1.63%  | 0.121% |
| 106 | 7.892 | 7.852 | 7.904 | VV | 34034  | 822593  | 2.41%  | 0.180% |
| 107 | 7.928 | 7.904 | 7.959 | VV | 394220 | 4523642 | 13.26% | 0.988% |
| 108 | 7.984 | 7.959 | 7.994 | VV | 30032  | 531310  | 1.56%  | 0.116% |
| 109 | 8.014 | 7.994 | 8.057 | VV | 276259 | 3361733 | 9.85%  | 0.734% |
| 110 | 8.073 | 8.057 | 8.086 | VV | 25067  | 387203  | 1.13%  | 0.085% |
| 111 | 8.098 | 8.086 | 8.111 | VV | 22947  | 304086  | 0.89%  | 0.066% |
| 112 | 8.132 | 8.111 | 8.181 | VV | 32445  | 813187  | 2.38%  | 0.178% |
| 113 | 8.214 | 8.181 | 8.257 | VV | 321508 | 4021285 | 11.79% | 0.878% |
| 114 | 8.274 | 8.257 | 8.283 | VV | 29413  | 392568  | 1.15%  | 0.086% |
| 115 | 8.308 | 8.283 | 8.357 | VV | 282502 | 3829487 | 11.22% | 0.836% |
| 116 | 8.370 | 8.357 | 8.398 | VV | 32648  | 625647  | 1.83%  | 0.137% |
| 117 | 8.415 | 8.398 | 8.439 | VV | 30396  | 570808  | 1.67%  | 0.125% |
| 118 | 8.458 | 8.439 | 8.481 | VV | 62500  | 881141  | 2.58%  | 0.192% |
| 119 | 8.510 | 8.481 | 8.537 | VV | 29263  | 697350  | 2.04%  | 0.152% |
| 120 | 8.554 | 8.537 | 8.562 | VV | 18687  | 256447  | 0.75%  | 0.056% |
| 121 | 8.571 | 8.562 | 8.588 | VV | 18642  | 274577  | 0.80%  | 0.060% |
| 122 | 8.600 | 8.588 | 8.614 | VV | 19721  | 277292  | 0.81%  | 0.061% |
| 123 | 8.626 | 8.614 | 8.641 | VV | 18198  | 268134  | 0.79%  | 0.059% |
| 124 | 8.676 | 8.641 | 8.696 | VV | 21401  | 610147  | 1.79%  | 0.133% |
| 125 | 8.743 | 8.696 | 8.792 | VV | 157621 | 2578679 | 7.56%  | 0.563% |
| 126 | 8.822 | 8.792 | 8.843 | VV | 25097  | 566105  | 1.66%  | 0.124% |
| 127 | 8.868 | 8.843 | 8.892 | VV | 21825  | 510579  | 1.50%  | 0.111% |
| 128 | 8.932 | 8.892 | 8.943 | VV | 19300  | 495293  | 1.45%  | 0.108% |
| 129 | 8.954 | 8.943 | 8.969 | VV | 19483  | 288098  | 0.84%  | 0.063% |
| 130 | 8.980 | 8.969 | 8.992 | VV | 17243  | 227142  | 0.67%  | 0.050% |
| 131 | 9.010 | 8.992 | 9.041 | VV | 21235  | 524744  | 1.54%  | 0.115% |
| 132 | 9.087 | 9.041 | 9.145 | VV | 261244 | 4009331 | 11.75% | 0.875% |
| 133 | 9.162 | 9.145 | 9.179 | VV | 27508  | 504011  | 1.48%  | 0.110% |
| 134 | 9.198 | 9.179 | 9.222 | VV | 31265  | 611870  | 1.79%  | 0.134% |
| 135 | 9.242 | 9.222 | 9.261 | VV | 34625  | 557632  | 1.63%  | 0.122% |
| 136 | 9.295 | 9.261 | 9.339 | VV | 30538  | 952514  | 2.79%  | 0.208% |
| 137 | 9.359 | 9.339 | 9.379 | VV | 15669  | 336708  | 0.99%  | 0.074% |
| 138 | 9.387 | 9.379 | 9.399 | VV | 13790  | 159251  | 0.47%  | 0.035% |
| 139 | 9.422 | 9.399 | 9.439 | VV | 17714  | 386988  | 1.13%  | 0.084% |
| 140 | 9.465 | 9.439 | 9.485 | VV | 27878  | 613939  | 1.80%  | 0.134% |
| 141 | 9.517 | 9.485 | 9.552 | VV | 392853 | 4725238 | 13.85% | 1.032% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.588  | 9.552  | 9.606  | VV | 20338  | 544205  | 1.59%  | 0.119% |
| 143    | 9.616  | 9.606  | 9.651  | VV | 15959  | 374246  | 1.10%  | 0.082% |
| 144    | 9.671  | 9.651  | 9.704  | VV | 17563  | 440043  | 1.29%  | 0.096% |
| 145    | 9.745  | 9.704  | 9.764  | VV | 14343  | 448732  | 1.32%  | 0.098% |
| 146    | 9.792  | 9.764  | 9.818  | VV | 13718  | 417188  | 1.22%  | 0.091% |
| 147    | 9.859  | 9.818  | 9.870  | VV | 25120  | 538922  | 1.58%  | 0.118% |
| 148    | 9.898  | 9.870  | 9.927  | VV | 52223  | 1149213 | 3.37%  | 0.251% |
| 149    | 9.949  | 9.927  | 9.967  | VV | 26262  | 501643  | 1.47%  | 0.110% |
| 150    | 9.992  | 9.967  | 10.021 | VV | 27990  | 658873  | 1.93%  | 0.144% |
| 151    | 10.041 | 10.021 | 10.064 | VV | 29538  | 486059  | 1.42%  | 0.106% |
| 152    | 10.079 | 10.064 | 10.111 | VV | 13292  | 342098  | 1.00%  | 0.075% |
| 153    | 10.132 | 10.111 | 10.151 | VV | 15548  | 320223  | 0.94%  | 0.070% |
| 154    | 10.175 | 10.151 | 10.194 | VV | 16782  | 364421  | 1.07%  | 0.080% |
| 155    | 10.248 | 10.194 | 10.286 | VV | 141374 | 2284411 | 6.70%  | 0.499% |
| 156    | 10.319 | 10.286 | 10.402 | VV | 53571  | 1590559 | 4.66%  | 0.347% |
| 157    | 10.428 | 10.402 | 10.447 | VV | 14106  | 318217  | 0.93%  | 0.069% |
| 158    | 10.475 | 10.447 | 10.527 | VV | 274904 | 3574134 | 10.48% | 0.780% |
| 159    | 10.551 | 10.527 | 10.604 | VV | 239442 | 3450916 | 10.11% | 0.753% |
| 160    | 10.627 | 10.604 | 10.651 | VV | 28693  | 626541  | 1.84%  | 0.137% |
| 161    | 10.658 | 10.651 | 10.679 | VV | 19995  | 270066  | 0.79%  | 0.059% |
| 162    | 10.700 | 10.679 | 10.732 | VV | 22699  | 497708  | 1.46%  | 0.109% |
| 163    | 10.751 | 10.732 | 10.772 | VV | 19016  | 330048  | 0.97%  | 0.072% |
| 164    | 10.792 | 10.772 | 10.826 | VV | 12239  | 332334  | 0.97%  | 0.073% |
| 165    | 10.851 | 10.826 | 10.861 | VV | 11178  | 214741  | 0.63%  | 0.047% |
| 166    | 10.884 | 10.861 | 10.915 | VV | 13464  | 367907  | 1.08%  | 0.080% |
| 167    | 10.949 | 10.915 | 10.982 | VV | 344300 | 4244659 | 12.44% | 0.927% |
| 168    | 11.002 | 10.982 | 11.011 | VV | 15987  | 240737  | 0.71%  | 0.053% |
| 169    | 11.035 | 11.011 | 11.063 | VV | 41229  | 735785  | 2.16%  | 0.161% |
| 170    | 11.074 | 11.063 | 11.094 | VV | 9352   | 163770  | 0.48%  | 0.036% |
| 171    | 11.102 | 11.094 | 11.116 | VV | 9376   | 113570  | 0.33%  | 0.025% |
| 172    | 11.136 | 11.116 | 11.169 | VV | 11319  | 280204  | 0.82%  | 0.061% |
| 173    | 11.185 | 11.169 | 11.195 | VV | 8546   | 123199  | 0.36%  | 0.027% |
| 174    | 11.244 | 11.195 | 11.290 | VV | 385154 | 4787889 | 14.03% | 1.045% |
| 175    | 11.311 | 11.290 | 11.322 | VV | 19263  | 325502  | 0.95%  | 0.071% |
| 176    | 11.334 | 11.322 | 11.357 | VV | 19420  | 329257  | 0.96%  | 0.072% |
| 177    | 11.383 | 11.357 | 11.409 | VV | 21079  | 484670  | 1.42%  | 0.106% |
| 178    | 11.425 | 11.409 | 11.444 | VV | 23084  | 344378  | 1.01%  | 0.075% |
| 179    | 11.464 | 11.444 | 11.478 | VV | 13961  | 255876  | 0.75%  | 0.056% |
| 180    | 11.499 | 11.478 | 11.560 | VV | 34272  | 688257  | 2.02%  | 0.150% |
| 181    | 11.613 | 11.560 | 11.637 | VV | 96964  | 1481627 | 4.34%  | 0.323% |
| 182    | 11.670 | 11.637 | 11.739 | VV | 735301 | 8788580 | 25.76% | 1.919% |
| 183    | 11.754 | 11.739 | 11.783 | VV | 8100   | 180236  | 0.53%  | 0.039% |
| 184    | 11.805 | 11.783 | 11.862 | VV | 8639   | 269565  | 0.79%  | 0.059% |
| 185    | 11.886 | 11.862 | 11.934 | VV | 11361  | 377155  | 1.11%  | 0.082% |
| 186    | 11.949 | 11.934 | 11.971 | VV | 10343  | 177999  | 0.52%  | 0.039% |
| 187    | 11.990 | 11.971 | 12.002 | VV | 11920  | 177003  | 0.52%  | 0.039% |
| 188    | 12.020 | 12.002 | 12.044 | VV | 14693  | 243660  | 0.71%  | 0.053% |
| 189    | 12.068 | 12.044 | 12.107 | VV | 15060  | 328507  | 0.96%  | 0.072% |
| 190    | 12.127 | 12.107 | 12.149 | VV | 16100  | 261059  | 0.77%  | 0.057% |
| 191    | 12.170 | 12.149 | 12.191 | VV | 17253  | 273357  | 0.80%  | 0.060% |
| 192    | 12.206 | 12.191 | 12.218 | VV | 8089   | 122498  | 0.36%  | 0.027% |
| 193    | 12.250 | 12.218 | 12.266 | VV | 299271 | 3648517 | 10.69% | 0.796% |
| 194    | 12.281 | 12.266 | 12.354 | VV | 306692 | 3734295 | 10.94% | 0.815% |

|     |        |        |        |    |         |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
|     |        |        |        |    | rteres  |          |         |        |
| 195 | 12.388 | 12.354 | 12.405 | VV | 5628    | 136095   | 0.40%   | 0.030% |
| 196 | 12.417 | 12.405 | 12.434 | VV | 3900    | 59658    | 0.17%   | 0.013% |
| 197 | 12.470 | 12.434 | 12.482 | VV | 6225    | 126273   | 0.37%   | 0.028% |
| 198 | 12.503 | 12.482 | 12.524 | VV | 8263    | 177238   | 0.52%   | 0.039% |
| 199 | 12.574 | 12.524 | 12.621 | VV | 283805  | 3840276  | 11.26%  | 0.838% |
| 200 | 12.692 | 12.621 | 12.719 | VV | 1941543 | 33552162 | 98.33%  | 7.324% |
| 201 | 12.752 | 12.719 | 12.819 | VV | 2187138 | 34120390 | 100.00% | 7.448% |
| 202 | 12.860 | 12.819 | 12.887 | VV | 275543  | 3582906  | 10.50%  | 0.782% |
| 203 | 12.914 | 12.887 | 12.942 | VV | 306886  | 3676913  | 10.78%  | 0.803% |
| 204 | 12.968 | 12.942 | 12.989 | VV | 21880   | 488924   | 1.43%   | 0.107% |
| 205 | 12.999 | 12.989 | 13.030 | VV | 14250   | 257147   | 0.75%   | 0.056% |
| 206 | 13.080 | 13.030 | 13.142 | VV | 10735   | 562592   | 1.65%   | 0.123% |
| 207 | 13.203 | 13.142 | 13.229 | VV | 76969   | 1362518  | 3.99%   | 0.297% |
| 208 | 13.245 | 13.229 | 13.266 | VV | 11649   | 209538   | 0.61%   | 0.046% |
| 209 | 13.284 | 13.266 | 13.296 | VV | 12367   | 168516   | 0.49%   | 0.037% |
| 210 | 13.312 | 13.296 | 13.339 | VV | 15937   | 323687   | 0.95%   | 0.071% |
| 211 | 13.347 | 13.339 | 13.377 | VV | 9537    | 146534   | 0.43%   | 0.032% |
| 212 | 13.401 | 13.377 | 13.412 | VV | 13041   | 167039   | 0.49%   | 0.036% |
| 213 | 13.440 | 13.412 | 13.468 | VV | 268098  | 3318952  | 9.73%   | 0.725% |
| 214 | 13.487 | 13.468 | 13.511 | VV | 20741   | 294221   | 0.86%   | 0.064% |
| 215 | 13.542 | 13.511 | 13.593 | VV | 10790   | 278290   | 0.82%   | 0.061% |
| 216 | 13.692 | 13.593 | 13.712 | PV | 56198   | 977571   | 2.87%   | 0.213% |
| 217 | 13.732 | 13.712 | 13.760 | VV | 24560   | 502907   | 1.47%   | 0.110% |
| 218 | 13.780 | 13.760 | 13.804 | VV | 16207   | 320583   | 0.94%   | 0.070% |
| 219 | 13.814 | 13.804 | 13.823 | VV | 12285   | 134846   | 0.40%   | 0.029% |
| 220 | 13.844 | 13.823 | 13.864 | VV | 24464   | 440223   | 1.29%   | 0.096% |
| 221 | 13.889 | 13.864 | 13.909 | VV | 57696   | 907264   | 2.66%   | 0.198% |
| 222 | 13.919 | 13.909 | 13.945 | VV | 21414   | 318925   | 0.93%   | 0.070% |
| 223 | 13.999 | 13.945 | 14.028 | VV | 48734   | 876463   | 2.57%   | 0.191% |
| 224 | 14.054 | 14.028 | 14.094 | VV | 65226   | 972267   | 2.85%   | 0.212% |
| 225 | 14.110 | 14.094 | 14.126 | VV | 13369   | 203039   | 0.60%   | 0.044% |
| 226 | 14.138 | 14.126 | 14.152 | VV | 10206   | 143383   | 0.42%   | 0.031% |
| 227 | 14.167 | 14.152 | 14.184 | VV | 10211   | 134692   | 0.39%   | 0.029% |
| 228 | 14.203 | 14.184 | 14.222 | VV | 7524    | 120895   | 0.35%   | 0.026% |
| 229 | 14.231 | 14.222 | 14.242 | VV | 4698    | 53558    | 0.16%   | 0.012% |
| 230 | 14.258 | 14.242 | 14.297 | VV | 5417    | 113077   | 0.33%   | 0.025% |
| 231 | 14.312 | 14.297 | 14.326 | VV | 2152    | 28904    | 0.08%   | 0.006% |
| 232 | 14.341 | 14.326 | 14.363 | VV | 3137    | 47096    | 0.14%   | 0.010% |
| 233 | 14.385 | 14.363 | 14.401 | PV | 2388    | 26143    | 0.08%   | 0.006% |
| 234 | 14.447 | 14.401 | 14.468 | VV | 253475  | 3060154  | 8.97%   | 0.668% |
| 235 | 14.488 | 14.468 | 14.512 | VV | 262052  | 3207787  | 9.40%   | 0.700% |
| 236 | 14.536 | 14.512 | 14.569 | VV | 247558  | 3275102  | 9.60%   | 0.715% |
| 237 | 14.604 | 14.569 | 14.624 | VV | 5973    | 139254   | 0.41%   | 0.030% |
| 238 | 14.651 | 14.624 | 14.664 | VV | 4473    | 86629    | 0.25%   | 0.019% |
| 239 | 14.689 | 14.664 | 14.711 | VV | 5601    | 109730   | 0.32%   | 0.024% |
| 240 | 14.730 | 14.711 | 14.792 | VV | 9132    | 206719   | 0.61%   | 0.045% |
| 241 | 14.799 | 14.792 | 14.807 | VV | 2057    | 18456    | 0.05%   | 0.004% |
| 242 | 14.836 | 14.807 | 14.852 | VV | 3926    | 70915    | 0.21%   | 0.015% |
| 243 | 14.884 | 14.852 | 14.902 | VV | 8296    | 159088   | 0.47%   | 0.035% |
| 244 | 14.916 | 14.902 | 14.936 | VV | 9873    | 156494   | 0.46%   | 0.034% |
| 245 | 14.955 | 14.936 | 14.989 | VV | 6559    | 143786   | 0.42%   | 0.031% |
| 246 | 15.052 | 14.989 | 15.084 | VV | 25228   | 398107   | 1.17%   | 0.087% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.112 | 15.084 | 15.201 | VV | 33636  | 745789  | 2.19%  | 0.163% |
| 248    | 15.238 | 15.201 | 15.249 | PV | 4286   | 75584   | 0.22%  | 0.017% |
| 249    | 15.290 | 15.249 | 15.332 | VV | 6526   | 189916  | 0.56%  | 0.041% |
| 250    | 15.370 | 15.332 | 15.391 | VV | 3358   | 73229   | 0.21%  | 0.016% |
|        |        |        |        |    |        |         |        |        |
| 251    | 15.431 | 15.391 | 15.497 | VV | 4375   | 168797  | 0.49%  | 0.037% |
| 252    | 15.554 | 15.497 | 15.594 | VV | 243766 | 3249399 | 9.52%  | 0.709% |
| 253    | 15.611 | 15.594 | 15.651 | VV | 4034   | 100437  | 0.29%  | 0.022% |
| 254    | 15.658 | 15.651 | 15.677 | VV | 2675   | 26704   | 0.08%  | 0.006% |
| 255    | 15.718 | 15.677 | 15.736 | VV | 27226  | 474169  | 1.39%  | 0.104% |
|        |        |        |        |    |        |         |        |        |
| 256    | 15.755 | 15.736 | 15.849 | VV | 30715  | 1064641 | 3.12%  | 0.232% |
| 257    | 15.864 | 15.849 | 15.891 | VV | 8546   | 195329  | 0.57%  | 0.043% |
| 258    | 15.910 | 15.891 | 15.949 | VV | 11956  | 296144  | 0.87%  | 0.065% |
| 259    | 15.998 | 15.949 | 16.013 | VV | 238627 | 3198946 | 9.38%  | 0.698% |
| 260    | 16.029 | 16.013 | 16.071 | VV | 251632 | 3465172 | 10.16% | 0.756% |
|        |        |        |        |    |        |         |        |        |
| 261    | 16.092 | 16.071 | 16.120 | VV | 22684  | 443701  | 1.30%  | 0.097% |
| 262    | 16.138 | 16.120 | 16.165 | VV | 15463  | 306875  | 0.90%  | 0.067% |
| 263    | 16.203 | 16.165 | 16.236 | VV | 11692  | 425056  | 1.25%  | 0.093% |
| 264    | 16.248 | 16.236 | 16.255 | VV | 9285   | 103874  | 0.30%  | 0.023% |
| 265    | 16.292 | 16.255 | 16.300 | VV | 12496  | 287927  | 0.84%  | 0.063% |
|        |        |        |        |    |        |         |        |        |
| 266    | 16.333 | 16.300 | 16.351 | VV | 69303  | 1199524 | 3.52%  | 0.262% |
| 267    | 16.375 | 16.351 | 16.464 | VV | 301574 | 4895823 | 14.35% | 1.069% |
| 268    | 16.498 | 16.464 | 16.561 | VV | 252181 | 4073417 | 11.94% | 0.889% |
| 269    | 16.578 | 16.561 | 16.612 | VV | 19051  | 487410  | 1.43%  | 0.106% |
| 270    | 16.641 | 16.612 | 16.677 | VV | 17431  | 619030  | 1.81%  | 0.135% |
|        |        |        |        |    |        |         |        |        |
| 271    | 16.698 | 16.677 | 16.726 | VV | 18869  | 483982  | 1.42%  | 0.106% |
| 272    | 16.776 | 16.726 | 16.817 | VV | 25353  | 1031260 | 3.02%  | 0.225% |
| 273    | 16.862 | 16.817 | 16.896 | VV | 23808  | 867524  | 2.54%  | 0.189% |
| 274    | 16.946 | 16.896 | 16.971 | VV | 56236  | 1283382 | 3.76%  | 0.280% |
| 275    | 16.981 | 16.971 | 16.999 | VV | 20291  | 337617  | 0.99%  | 0.074% |
|        |        |        |        |    |        |         |        |        |
| 276    | 17.009 | 16.999 | 17.022 | VV | 22115  | 289614  | 0.85%  | 0.063% |
| 277    | 17.039 | 17.022 | 17.056 | VV | 21612  | 398180  | 1.17%  | 0.087% |
| 278    | 17.090 | 17.056 | 17.123 | VV | 26582  | 912154  | 2.67%  | 0.199% |
| 279    | 17.134 | 17.123 | 17.151 | VV | 20504  | 322135  | 0.94%  | 0.070% |
| 280    | 17.182 | 17.151 | 17.192 | VV | 22417  | 514500  | 1.51%  | 0.112% |
|        |        |        |        |    |        |         |        |        |
| 281    | 17.206 | 17.192 | 17.217 | VV | 22540  | 316349  | 0.93%  | 0.069% |
| 282    | 17.276 | 17.217 | 17.296 | VV | 25117  | 1052405 | 3.08%  | 0.230% |
| 283    | 17.383 | 17.296 | 17.417 | VV | 255701 | 4877013 | 14.29% | 1.065% |
| 284    | 17.437 | 17.417 | 17.446 | VV | 26146  | 398267  | 1.17%  | 0.087% |
| 285    | 17.480 | 17.446 | 17.496 | VV | 47108  | 1031000 | 3.02%  | 0.225% |
|        |        |        |        |    |        |         |        |        |
| 286    | 17.506 | 17.496 | 17.571 | VV | 34363  | 1358085 | 3.98%  | 0.296% |
| 287    | 17.578 | 17.571 | 17.585 | VV | 27157  | 224074  | 0.66%  | 0.049% |
| 288    | 17.606 | 17.585 | 17.622 | VV | 27400  | 592212  | 1.74%  | 0.129% |
| 289    | 17.673 | 17.622 | 17.715 | VV | 35835  | 1754837 | 5.14%  | 0.383% |
| 290    | 17.750 | 17.715 | 17.767 | VV | 221327 | 3497264 | 10.25% | 0.763% |
|        |        |        |        |    |        |         |        |        |
| 291    | 17.785 | 17.767 | 17.827 | VV | 227002 | 4448547 | 13.04% | 0.971% |
| 292    | 17.847 | 17.827 | 17.869 | VV | 53007  | 1113092 | 3.26%  | 0.243% |
| 293    | 17.894 | 17.869 | 17.911 | VV | 38914  | 927420  | 2.72%  | 0.202% |
| 294    | 17.932 | 17.911 | 17.962 | VV | 40694  | 1150337 | 3.37%  | 0.251% |
| 295    | 18.001 | 17.962 | 18.062 | VV | 219334 | 4782281 | 14.02% | 1.044% |
|        |        |        |        |    |        |         |        |        |
| 296    | 18.071 | 18.062 | 18.132 | VV | 41664  | 1610934 | 4.72%  | 0.352% |
| 297    | 18.212 | 18.132 | 18.247 | VV | 252396 | 5770620 | 16.91% | 1.260% |
| 298    | 18.269 | 18.247 | 18.292 | VV | 52997  | 1212042 | 3.55%  | 0.265% |
| 299    | 18.325 | 18.292 | 18.371 | VV | 54040  | 2267678 | 6.65%  | 0.495% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 300    | 18.377 | 18.371 | 18.393 | VV | 45268  | 601229  | 1.76%  | 0.131% |
| 301    | 18.403 | 18.393 | 18.427 | VV | 45440  | 899735  | 2.64%  | 0.196% |
| 302    | 18.456 | 18.427 | 18.489 | VV | 51137  | 1785172 | 5.23%  | 0.390% |
| 303    | 18.509 | 18.489 | 18.561 | VV | 49371  | 2052574 | 6.02%  | 0.448% |
| 304    | 18.607 | 18.561 | 18.647 | VV | 86304  | 3048290 | 8.93%  | 0.665% |
| 305    | 18.669 | 18.647 | 18.683 | VV | 52356  | 1053343 | 3.09%  | 0.230% |
| 306    | 18.733 | 18.683 | 18.756 | VV | 53834  | 2233306 | 6.55%  | 0.488% |
| 307    | 18.779 | 18.756 | 18.826 | VV | 56360  | 2236350 | 6.55%  | 0.488% |
| 308    | 18.872 | 18.826 | 18.892 | VV | 55918  | 2142627 | 6.28%  | 0.468% |
| 309    | 18.903 | 18.892 | 18.932 | VV | 56635  | 1286739 | 3.77%  | 0.281% |
| 310    | 18.938 | 18.932 | 18.954 | VV | 53185  | 681042  | 2.00%  | 0.149% |
| 311    | 18.994 | 18.954 | 19.041 | VV | 263306 | 5912754 | 17.33% | 1.291% |
| 312    | 19.060 | 19.041 | 19.076 | VV | 58302  | 1177565 | 3.45%  | 0.257% |
| 313    | 19.093 | 19.076 | 19.114 | VV | 61384  | 1352071 | 3.96%  | 0.295% |
| 314    | 19.132 | 19.114 | 19.146 | VV | 59643  | 1123105 | 3.29%  | 0.245% |
| 315    | 19.174 | 19.146 | 19.192 | VV | 64771  | 1697245 | 4.97%  | 0.371% |
| 316    | 19.226 | 19.192 | 19.244 | VV | 63525  | 1876999 | 5.50%  | 0.410% |
| 317    | 19.252 | 19.244 | 19.265 | VV | 63085  | 774267  | 2.27%  | 0.169% |
| 318    | 19.291 | 19.265 | 19.340 | VV | 72009  | 2992834 | 8.77%  | 0.653% |
| 319    | 19.367 | 19.340 | 19.391 | VV | 95949  | 2398268 | 7.03%  | 0.524% |
| 320    | 19.407 | 19.391 | 19.451 | VV | 70333  | 2421099 | 7.10%  | 0.529% |
| 321    | 19.492 | 19.451 | 19.517 | VV | 75051  | 2843032 | 8.33%  | 0.621% |
| 322    | 19.588 | 19.517 | 19.619 | VV | 81037  | 4535041 | 13.29% | 0.990% |
| 323    | 19.640 | 19.619 | 19.649 | VV | 78733  | 1394484 | 4.09%  | 0.304% |
| 324    | 19.659 | 19.649 | 19.669 | VV | 77328  | 915524  | 2.68%  | 0.200% |
| 325    | 19.730 | 19.669 | 19.809 | VV | 251376 | 9622826 | 28.20% | 2.101% |
| 326    | 19.832 | 19.809 | 19.856 | VV | 84253  | 2285150 | 6.70%  | 0.499% |
| 327    | 19.903 | 19.856 | 19.941 | VV | 86828  | 4171768 | 12.23% | 0.911% |
| 328    | 19.968 | 19.941 | 19.983 | VV | 90274  | 2157169 | 6.32%  | 0.471% |
| 329    | 20.004 | 19.983 | 20.029 | VV | 89411  | 2393742 | 7.02%  | 0.523% |
| 330    | 20.041 | 20.029 | 20.050 | VV | 89266  | 1133872 | 3.32%  | 0.248% |
| 331    | 20.082 | 20.050 | 20.119 | VV | 109981 | 3932095 | 11.52% | 0.858% |
| 332    | 20.148 | 20.119 | 20.161 | VV | 88915  | 2152444 | 6.31%  | 0.470% |
| 333    | 20.180 | 20.161 | 20.191 | VV | 95453  | 1638997 | 4.80%  | 0.358% |
| 334    | 20.254 | 20.191 | 20.278 | VV | 103379 | 5005433 | 14.67% | 1.093% |
| 335    | 20.304 | 20.278 | 20.339 | VV | 101001 | 3550974 | 10.41% | 0.775% |
| 336    | 20.349 | 20.339 | 20.362 | VV | 94070  | 1293318 | 3.79%  | 0.282% |
| 337    | 20.372 | 20.362 | 20.391 | VV | 95894  | 1585806 | 4.65%  | 0.346% |
| 338    | 20.430 | 20.391 | 20.474 | VV | 260250 | 7382846 | 21.64% | 1.612% |
| 339    | 20.480 | 20.474 | 20.505 | VV | 97426  | 1751414 | 5.13%  | 0.382% |
| 340    | 20.522 | 20.505 | 20.543 | VV | 93077  | 2069343 | 6.06%  | 0.452% |
| 341    | 20.550 | 20.543 | 20.583 | VV | 89608  | 2096800 | 6.15%  | 0.458% |
| 342    | 20.601 | 20.583 | 20.637 | VV | 87168  | 2780187 | 8.15%  | 0.607% |
| 343    | 20.655 | 20.637 | 20.667 | VV | 85002  | 1471157 | 4.31%  | 0.321% |
| 344    | 20.720 | 20.667 | 20.775 | VV | 94600  | 5661815 | 16.59% | 1.236% |
| 345    | 20.801 | 20.775 | 20.844 | VV | 96279  | 3518916 | 10.31% | 0.768% |
| 346    | 20.852 | 20.844 | 20.886 | VV | 76610  | 1854504 | 5.44%  | 0.405% |
| 347    | 20.904 | 20.886 | 20.942 | VV | 76960  | 2457642 | 7.20%  | 0.537% |
| 348    | 20.962 | 20.942 | 20.984 | VV | 77481  | 1819675 | 5.33%  | 0.397% |
| 349    | 21.046 | 20.984 | 21.062 | VV | 76838  | 3430563 | 10.05% | 0.749% |
| 350    | 21.070 | 21.062 | 21.082 | VV | 76115  | 925259  | 2.71%  | 0.202% |
| 351    | 21.103 | 21.082 | 21.136 | VV | 75907  | 2356058 | 6.91%  | 0.514% |

|     |        |        |        |     |                         |           |        |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|
|     |        |        |        |     |                         | rteres    |        |        |
| 352 | 21.144 | 21.136 | 21.176 | VV  | 72801                   | 1668914   | 4.89%  | 0.364% |
| 353 | 21.223 | 21.176 | 21.318 | VV  | 188451                  | 8056052   | 23.61% | 1.759% |
| 354 | 21.363 | 21.318 | 21.401 | VBA | 64695                   | 3153640   | 9.24%  | 0.688% |
|     |        |        |        |     | Sum of corrected areas: | 458085829 |        |        |

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