

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112625AL\  
 Data File : FE057049.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 Nov 2025 16:35  
 Sample : Q3714-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 103025.M  
 Title : GC Extractables

Signal : FID1B.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         | 2.563       | 2.524        | 2.581      | BV       | 76             | 424          | 0.01%          | 0.000%        |
| 2         | 2.636       | 2.581        | 2.661      | PV       | 197            | 3707         | 0.07%          | 0.002%        |
| 3         | 2.673       | 2.661        | 2.698      | VV       | 74             | 1318         | 0.03%          | 0.001%        |
| 4         | 2.735       | 2.698        | 2.762      | VV       | 256            | 4891         | 0.09%          | 0.003%        |
| 5         | 2.804       | 2.762        | 2.895      | VV       | 199            | 10169        | 0.19%          | 0.006%        |
| 6         | 2.935       | 2.895        | 2.959      | VV       | 223            | 5378         | 0.10%          | 0.003%        |
| 7         | 2.998       | 2.959        | 3.047      | VV       | 305            | 11720        | 0.22%          | 0.007%        |
| 8         | 3.072       | 3.047        | 3.139      | VV       | 353            | 14462        | 0.27%          | 0.009%        |
| 9         | 3.170       | 3.139        | 3.212      | VV       | 283            | 9525         | 0.18%          | 0.006%        |
| 10        | 3.255       | 3.212        | 3.268      | VV       | 286            | 7839         | 0.15%          | 0.005%        |
| 11        | 3.308       | 3.268        | 3.388      | VV       | 419            | 21120        | 0.40%          | 0.013%        |
| 12        | 3.441       | 3.388        | 3.454      | VV       | 349            | 10951        | 0.21%          | 0.007%        |
| 13        | 3.465       | 3.454        | 3.484      | VV       | 300            | 4745         | 0.09%          | 0.003%        |
| 14        | 3.545       | 3.484        | 3.572      | VV       | 372            | 16213        | 0.31%          | 0.010%        |
| 15        | 3.580       | 3.572        | 3.594      | VV       | 344            | 4028         | 0.08%          | 0.002%        |
| 16        | 3.614       | 3.594        | 3.635      | VV       | 411            | 8516         | 0.16%          | 0.005%        |
| 17        | 3.643       | 3.635        | 3.674      | VV       | 385            | 7118         | 0.14%          | 0.004%        |
| 18        | 3.693       | 3.674        | 3.727      | VV       | 380            | 9746         | 0.18%          | 0.006%        |
| 19        | 3.758       | 3.727        | 3.790      | VV       | 460            | 13279        | 0.25%          | 0.008%        |
| 20        | 3.831       | 3.790        | 3.864      | VV       | 420            | 15584        | 0.30%          | 0.010%        |
| 21        | 3.892       | 3.864        | 3.910      | VV       | 384            | 8953         | 0.17%          | 0.006%        |
| 22        | 3.931       | 3.910        | 3.968      | VV       | 548            | 13267        | 0.25%          | 0.008%        |
| 23        | 3.995       | 3.968        | 4.037      | VV       | 542            | 17525        | 0.33%          | 0.011%        |
| 24        | 4.092       | 4.037        | 4.104      | VV       | 471            | 14993        | 0.28%          | 0.009%        |
| 25        | 4.115       | 4.104        | 4.144      | VV       | 446            | 8645         | 0.16%          | 0.005%        |
| 26        | 4.159       | 4.144        | 4.224      | VV       | 412            | 16849        | 0.32%          | 0.010%        |
| 27        | 4.235       | 4.224        | 4.253      | VV       | 378            | 5472         | 0.10%          | 0.003%        |
| 28        | 4.295       | 4.253        | 4.311      | VV       | 558            | 14763        | 0.28%          | 0.009%        |
| 29        | 4.324       | 4.311        | 4.338      | VV       | 531            | 7827         | 0.15%          | 0.005%        |
| 30        | 4.340       | 4.338        | 4.422      | VV       | 475            | 21238        | 0.40%          | 0.013%        |
| 31        | 4.444       | 4.422        | 4.474      | VV       | 484            | 13067        | 0.25%          | 0.008%        |
| 32        | 4.491       | 4.474        | 4.537      | VV       | 498            | 14329        | 0.27%          | 0.009%        |
| 33        | 4.556       | 4.537        | 4.573      | VV       | 540            | 9240         | 0.18%          | 0.006%        |
| 34        | 4.602       | 4.573        | 4.656      | VV       | 429            | 17532        | 0.33%          | 0.011%        |
| 35        | 4.676       | 4.656        | 4.701      | VV       | 384            | 8658         | 0.16%          | 0.005%        |
| 36        | 4.734       | 4.701        | 4.754      | VV       | 448            | 11167        | 0.21%          | 0.007%        |

|    |       |       |       |    | rters |        |       |        |
|----|-------|-------|-------|----|-------|--------|-------|--------|
| 37 | 4.764 | 4.754 | 4.788 | VV | 359   | 6286   | 0.12% | 0.004% |
| 38 | 4.835 | 4.788 | 4.971 | VV | 777   | 56459  | 1.07% | 0.035% |
| 39 | 4.994 | 4.971 | 5.038 | VV | 491   | 14699  | 0.28% | 0.009% |
| 40 | 5.062 | 5.038 | 5.101 | VV | 514   | 13219  | 0.25% | 0.008% |
| 41 | 5.110 | 5.101 | 5.191 | VV | 303   | 13100  | 0.25% | 0.008% |
| 42 | 5.235 | 5.191 | 5.251 | VV | 284   | 8526   | 0.16% | 0.005% |
| 43 | 5.259 | 5.251 | 5.291 | VV | 250   | 4330   | 0.08% | 0.003% |
| 44 | 5.308 | 5.291 | 5.318 | VV | 258   | 3251   | 0.06% | 0.002% |
| 45 | 5.334 | 5.318 | 5.358 | VV | 336   | 5345   | 0.10% | 0.003% |
| 46 | 5.365 | 5.358 | 5.414 | VV | 260   | 5262   | 0.10% | 0.003% |
| 47 | 5.466 | 5.414 | 5.521 | VV | 314   | 13229  | 0.25% | 0.008% |
| 48 | 5.531 | 5.521 | 5.545 | VV | 275   | 3585   | 0.07% | 0.002% |
| 49 | 5.560 | 5.545 | 5.622 | VV | 382   | 10909  | 0.21% | 0.007% |
| 50 | 5.632 | 5.622 | 5.675 | VV | 168   | 3306   | 0.06% | 0.002% |
| 51 | 5.701 | 5.675 | 5.722 | VV | 662   | 10709  | 0.20% | 0.007% |
| 52 | 5.732 | 5.722 | 5.755 | VV | 339   | 4946   | 0.09% | 0.003% |
| 53 | 5.765 | 5.755 | 5.798 | VV | 202   | 3806   | 0.07% | 0.002% |
| 54 | 5.822 | 5.798 | 5.851 | VV | 215   | 4602   | 0.09% | 0.003% |
| 55 | 5.875 | 5.851 | 5.921 | VV | 442   | 9110   | 0.17% | 0.006% |
| 56 | 5.927 | 5.921 | 5.938 | VV | 146   | 1059   | 0.02% | 0.001% |
| 57 | 5.959 | 5.938 | 5.971 | PV | 204   | 2614   | 0.05% | 0.002% |
| 58 | 5.996 | 5.971 | 6.007 | VV | 643   | 9368   | 0.18% | 0.006% |
| 59 | 6.025 | 6.007 | 6.033 | VV | 732   | 10283  | 0.20% | 0.006% |
| 60 | 6.048 | 6.033 | 6.151 | VV | 906   | 33213  | 0.63% | 0.020% |
| 61 | 6.175 | 6.151 | 6.188 | VV | 313   | 4479   | 0.08% | 0.003% |
| 62 | 6.199 | 6.188 | 6.210 | VV | 176   | 1939   | 0.04% | 0.001% |
| 63 | 6.222 | 6.210 | 6.251 | VV | 271   | 3346   | 0.06% | 0.002% |
| 64 | 6.288 | 6.251 | 6.398 | VV | 5134  | 152020 | 2.89% | 0.094% |
| 65 | 6.434 | 6.398 | 6.487 | VV | 901   | 31624  | 0.60% | 0.019% |
| 66 | 6.511 | 6.487 | 6.578 | VV | 374   | 15849  | 0.30% | 0.010% |
| 67 | 6.633 | 6.578 | 6.645 | VV | 401   | 11365  | 0.22% | 0.007% |
| 68 | 6.670 | 6.645 | 6.684 | VV | 342   | 7000   | 0.13% | 0.004% |
| 69 | 6.690 | 6.684 | 6.711 | VV | 329   | 3186   | 0.06% | 0.002% |
| 70 | 6.729 | 6.711 | 6.791 | VV | 566   | 10720  | 0.20% | 0.007% |
| 71 | 6.811 | 6.791 | 6.834 | VV | 295   | 4040   | 0.08% | 0.002% |
| 72 | 6.853 | 6.834 | 6.861 | VV | 209   | 1924   | 0.04% | 0.001% |
| 73 | 6.879 | 6.861 | 6.898 | VV | 624   | 7642   | 0.15% | 0.005% |
| 74 | 6.913 | 6.898 | 6.968 | VV | 438   | 6543   | 0.12% | 0.004% |
| 75 | 6.987 | 6.968 | 7.041 | PV | 172   | 4385   | 0.08% | 0.003% |
| 76 | 7.091 | 7.041 | 7.107 | VV | 328   | 8405   | 0.16% | 0.005% |
| 77 | 7.144 | 7.107 | 7.171 | VV | 460   | 11574  | 0.22% | 0.007% |
| 78 | 7.188 | 7.171 | 7.214 | VV | 423   | 6734   | 0.13% | 0.004% |
| 79 | 7.229 | 7.214 | 7.248 | VV | 445   | 6122   | 0.12% | 0.004% |
| 80 | 7.258 | 7.248 | 7.275 | VV | 411   | 4961   | 0.09% | 0.003% |
| 81 | 7.300 | 7.275 | 7.334 | VV | 581   | 11123  | 0.21% | 0.007% |
| 82 | 7.350 | 7.334 | 7.363 | VV | 445   | 5865   | 0.11% | 0.004% |
| 83 | 7.393 | 7.363 | 7.430 | VV | 3131  | 70002  | 1.33% | 0.043% |
| 84 | 7.447 | 7.430 | 7.491 | VV | 1787  | 41018  | 0.78% | 0.025% |
| 85 | 7.518 | 7.491 | 7.606 | VV | 5178  | 118841 | 2.26% | 0.073% |
| 86 | 7.624 | 7.606 | 7.647 | VV | 725   | 13724  | 0.26% | 0.008% |
| 87 | 7.677 | 7.647 | 7.711 | VV | 1607  | 28454  | 0.54% | 0.018% |
| 88 | 7.718 | 7.711 | 7.748 | VV | 394   | 6841   | 0.13% | 0.004% |
| 89 | 7.759 | 7.748 | 7.787 | VV | 360   | 5659   | 0.11% | 0.003% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.803  | 7.787  | 7.828  | VV | 202    | 3391   | 0.06% | 0.002% |
| 91  | 7.853  | 7.828  | 7.890  | VV | 668    | 11419  | 0.22% | 0.007% |
| 92  | 7.907  | 7.890  | 7.934  | VV | 218    | 3034   | 0.06% | 0.002% |
| 93  | 8.122  | 8.108  | 8.224  | VV | 4442   | 202635 | 3.85% | 0.125% |
| 94  | 8.250  | 8.224  | 8.271  | VV | 2029   | 47647  | 0.90% | 0.029% |
| 95  | 8.290  | 8.271  | 8.336  | VV | 3483   | 88235  | 1.67% | 0.054% |
| 96  | 8.382  | 8.336  | 8.454  | VV | 3343   | 159242 | 3.02% | 0.098% |
| 97  | 8.496  | 8.454  | 8.514  | VV | 7869   | 128781 | 2.44% | 0.079% |
| 98  | 8.527  | 8.514  | 8.546  | VV | 4714   | 75057  | 1.42% | 0.046% |
| 99  | 8.559  | 8.546  | 8.623  | VV | 3702   | 101619 | 1.93% | 0.063% |
| 100 | 8.646  | 8.623  | 8.653  | VV | 2809   | 34195  | 0.65% | 0.021% |
| 101 | 8.686  | 8.653  | 8.704  | VV | 8324   | 163977 | 3.11% | 0.101% |
| 102 | 8.715  | 8.704  | 8.754  | VV | 6077   | 97514  | 1.85% | 0.060% |
| 103 | 8.774  | 8.754  | 8.799  | VV | 2640   | 45556  | 0.86% | 0.028% |
| 104 | 8.808  | 8.799  | 8.854  | VV | 1125   | 23588  | 0.45% | 0.015% |
| 105 | 8.976  | 8.956  | 9.003  | VV | 24303  | 398745 | 7.57% | 0.246% |
| 106 | 9.013  | 9.003  | 9.068  | VV | 7658   | 219110 | 4.16% | 0.135% |
| 107 | 9.098  | 9.068  | 9.137  | VV | 5494   | 164714 | 3.13% | 0.102% |
| 108 | 9.148  | 9.137  | 9.163  | VV | 2549   | 39060  | 0.74% | 0.024% |
| 109 | 9.176  | 9.163  | 9.197  | VV | 2454   | 44025  | 0.84% | 0.027% |
| 110 | 9.223  | 9.197  | 9.244  | VV | 4413   | 86228  | 1.64% | 0.053% |
| 111 | 9.275  | 9.244  | 9.369  | VV | 5375   | 259809 | 4.93% | 0.160% |
| 112 | 9.391  | 9.369  | 9.416  | VV | 6622   | 108396 | 2.06% | 0.067% |
| 113 | 9.437  | 9.416  | 9.498  | VV | 4682   | 112997 | 2.14% | 0.070% |
| 114 | 9.548  | 9.498  | 9.571  | VV | 5035   | 91352  | 1.73% | 0.056% |
| 115 | 9.590  | 9.571  | 9.629  | VV | 3247   | 63344  | 1.20% | 0.039% |
| 116 | 9.687  | 9.629  | 9.715  | VV | 3913   | 111724 | 2.12% | 0.069% |
| 117 | 9.736  | 9.715  | 9.747  | VV | 1895   | 28442  | 0.54% | 0.018% |
| 118 | 9.777  | 9.747  | 9.828  | VV | 18036  | 363489 | 6.90% | 0.224% |
| 119 | 9.848  | 9.828  | 9.875  | VV | 5552   | 103843 | 1.97% | 0.064% |
| 120 | 9.894  | 9.875  | 9.905  | VV | 3187   | 44106  | 0.84% | 0.027% |
| 121 | 9.924  | 9.905  | 9.966  | VV | 5708   | 138627 | 2.63% | 0.085% |
| 122 | 9.982  | 9.966  | 10.031 | VV | 3349   | 85092  | 1.61% | 0.052% |
| 123 | 10.066 | 10.031 | 10.087 | VV | 9313   | 177603 | 3.37% | 0.109% |
| 124 | 10.101 | 10.087 | 10.154 | VV | 7341   | 196045 | 3.72% | 0.121% |
| 125 | 10.171 | 10.154 | 10.192 | VV | 6190   | 95569  | 1.81% | 0.059% |
| 126 | 10.211 | 10.192 | 10.258 | VV | 3800   | 103630 | 1.97% | 0.064% |
| 127 | 10.286 | 10.258 | 10.324 | VV | 2317   | 64558  | 1.23% | 0.040% |
| 128 | 10.352 | 10.324 | 10.430 | VV | 2005   | 58288  | 1.11% | 0.036% |
| 129 | 10.450 | 10.430 | 10.461 | PV | 537    | 6141   | 0.12% | 0.004% |
| 130 | 10.487 | 10.461 | 10.496 | VV | 698    | 11333  | 0.22% | 0.007% |
| 131 | 10.522 | 10.496 | 10.544 | VV | 3571   | 67709  | 1.29% | 0.042% |
| 132 | 10.558 | 10.544 | 10.586 | VV | 3834   | 58730  | 1.11% | 0.036% |
| 133 | 10.623 | 10.586 | 10.637 | VV | 3791   | 59397  | 1.13% | 0.037% |
| 134 | 10.664 | 10.637 | 10.684 | VV | 5925   | 118945 | 2.26% | 0.073% |
| 135 | 10.704 | 10.684 | 10.741 | VV | 6535   | 113698 | 2.16% | 0.070% |
| 136 | 10.777 | 10.741 | 10.818 | VV | 6291   | 143828 | 2.73% | 0.089% |
| 137 | 10.836 | 10.818 | 10.858 | VV | 3291   | 57704  | 1.10% | 0.036% |
| 138 | 10.875 | 10.858 | 10.885 | VV | 2662   | 36224  | 0.69% | 0.022% |
| 139 | 10.911 | 10.885 | 10.928 | VV | 6721   | 104062 | 1.97% | 0.064% |
| 140 | 10.945 | 10.928 | 10.961 | VV | 4935   | 67938  | 1.29% | 0.042% |
| 141 | 10.988 | 10.961 | 11.067 | VV | 11355  | 295361 | 5.61% | 0.182% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 11.083 | 11.067 | 11.098 | VV | 1929   | 23891   | 0.45%   | 0.015% |
| 143 | 11.181 | 11.098 | 11.240 | VV | 147240 | 2036784 | 38.66%  | 1.255% |
| 144 | 11.264 | 11.240 | 11.345 | VV | 39463  | 799474  | 15.17%  | 0.493% |
| 145 | 11.363 | 11.345 | 11.408 | VV | 3130   | 82718   | 1.57%   | 0.051% |
| 146 | 11.420 | 11.408 | 11.466 | VV | 1055   | 21411   | 0.41%   | 0.013% |
| 147 | 11.497 | 11.466 | 11.511 | PV | 3731   | 54462   | 1.03%   | 0.034% |
| 148 | 11.548 | 11.511 | 11.564 | VV | 4843   | 121830  | 2.31%   | 0.075% |
| 149 | 11.580 | 11.564 | 11.597 | VV | 4841   | 75364   | 1.43%   | 0.046% |
| 150 | 11.615 | 11.597 | 11.638 | VV | 6636   | 84662   | 1.61%   | 0.052% |
| 151 | 11.668 | 11.638 | 11.685 | VV | 2848   | 53679   | 1.02%   | 0.033% |
| 152 | 11.714 | 11.685 | 11.760 | VV | 14204  | 238669  | 4.53%   | 0.147% |
| 153 | 11.782 | 11.760 | 11.801 | VV | 4324   | 53294   | 1.01%   | 0.033% |
| 154 | 11.847 | 11.801 | 11.891 | VV | 6399   | 141357  | 2.68%   | 0.087% |
| 155 | 11.941 | 11.891 | 11.969 | VV | 485088 | 5269090 | 100.00% | 3.247% |
| 156 | 11.990 | 11.969 | 12.006 | VV | 30529  | 383818  | 7.28%   | 0.237% |
| 157 | 12.022 | 12.006 | 12.066 | VV | 33438  | 467424  | 8.87%   | 0.288% |
| 158 | 12.102 | 12.066 | 12.122 | VV | 40498  | 571165  | 10.84%  | 0.352% |
| 159 | 12.138 | 12.122 | 12.154 | VV | 22853  | 296218  | 5.62%   | 0.183% |
| 160 | 12.170 | 12.154 | 12.247 | VV | 25552  | 416298  | 7.90%   | 0.257% |
| 161 | 12.287 | 12.247 | 12.313 | PV | 6267   | 100924  | 1.92%   | 0.062% |
| 162 | 12.330 | 12.313 | 12.341 | VV | 1815   | 20746   | 0.39%   | 0.013% |
| 163 | 12.351 | 12.341 | 12.373 | VV | 1561   | 25846   | 0.49%   | 0.016% |
| 164 | 12.396 | 12.373 | 12.440 | VV | 7856   | 135103  | 2.56%   | 0.083% |
| 165 | 12.466 | 12.440 | 12.482 | VV | 11579  | 157115  | 2.98%   | 0.097% |
| 166 | 12.489 | 12.482 | 12.507 | VV | 8117   | 89595   | 1.70%   | 0.055% |
| 167 | 12.550 | 12.507 | 12.585 | VV | 15861  | 343844  | 6.53%   | 0.212% |
| 168 | 12.605 | 12.585 | 12.628 | VV | 4014   | 71022   | 1.35%   | 0.044% |
| 169 | 12.669 | 12.628 | 12.701 | VV | 5515   | 166911  | 3.17%   | 0.103% |
| 170 | 12.737 | 12.701 | 12.762 | VV | 6547   | 157908  | 3.00%   | 0.097% |
| 171 | 12.783 | 12.762 | 12.834 | VV | 14739  | 271883  | 5.16%   | 0.168% |
| 172 | 12.889 | 12.834 | 12.909 | VV | 41854  | 672864  | 12.77%  | 0.415% |
| 173 | 12.927 | 12.909 | 12.944 | VV | 22205  | 326123  | 6.19%   | 0.201% |
| 174 | 12.954 | 12.944 | 12.984 | VV | 13349  | 213091  | 4.04%   | 0.131% |
| 175 | 13.008 | 12.984 | 13.088 | VV | 241771 | 3058460 | 58.05%  | 1.885% |
| 176 | 13.109 | 13.088 | 13.121 | PV | 4861   | 56908   | 1.08%   | 0.035% |
| 177 | 13.132 | 13.121 | 13.144 | VV | 5238   | 57435   | 1.09%   | 0.035% |
| 178 | 13.163 | 13.144 | 13.182 | VV | 8293   | 125841  | 2.39%   | 0.078% |
| 179 | 13.201 | 13.182 | 13.238 | VV | 14070  | 245520  | 4.66%   | 0.151% |
| 180 | 13.262 | 13.238 | 13.280 | VV | 6881   | 128912  | 2.45%   | 0.079% |
| 181 | 13.308 | 13.280 | 13.348 | VV | 227938 | 2911904 | 55.26%  | 1.795% |
| 182 | 13.379 | 13.348 | 13.468 | VV | 306087 | 4206330 | 79.83%  | 2.592% |
| 183 | 13.491 | 13.468 | 13.529 | VV | 6929   | 169743  | 3.22%   | 0.105% |
| 184 | 13.544 | 13.529 | 13.563 | VV | 4920   | 65885   | 1.25%   | 0.041% |
| 185 | 13.591 | 13.563 | 13.619 | VV | 16133  | 301164  | 5.72%   | 0.186% |
| 186 | 13.640 | 13.619 | 13.680 | VV | 16052  | 264394  | 5.02%   | 0.163% |
| 187 | 13.704 | 13.680 | 13.713 | VV | 8593   | 103635  | 1.97%   | 0.064% |
| 188 | 13.729 | 13.713 | 13.750 | VV | 9627   | 174258  | 3.31%   | 0.107% |
| 189 | 13.774 | 13.750 | 13.797 | VV | 20718  | 362568  | 6.88%   | 0.223% |
| 190 | 13.808 | 13.797 | 13.839 | VV | 8354   | 121931  | 2.31%   | 0.075% |
| 191 | 13.905 | 13.839 | 13.948 | VV | 44973  | 957903  | 18.18%  | 0.590% |
| 192 | 13.965 | 13.948 | 13.984 | VV | 6798   | 92042   | 1.75%   | 0.057% |
| 193 | 14.012 | 13.984 | 14.033 | VV | 28848  | 393773  | 7.47%   | 0.243% |
| 194 | 14.052 | 14.033 | 14.111 | VV | 32243  | 642018  | 12.18%  | 0.396% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 14.132 | 14.111 | 14.144 | VV | 9644   | 132983  | 2.52%  | 0.082% |
| 196 | 14.181 | 14.144 | 14.203 | VV | 35477  | 600900  | 11.40% | 0.370% |
| 197 | 14.223 | 14.203 | 14.324 | VV | 23600  | 469020  | 8.90%  | 0.289% |
| 198 | 14.352 | 14.324 | 14.394 | VV | 5696   | 136086  | 2.58%  | 0.084% |
| 199 | 14.404 | 14.394 | 14.444 | VV | 2242   | 43156   | 0.82%  | 0.027% |
| 200 | 14.458 | 14.444 | 14.473 | VV | 1401   | 16374   | 0.31%  | 0.010% |
| 201 | 14.495 | 14.473 | 14.503 | PV | 4984   | 57316   | 1.09%  | 0.035% |
| 202 | 14.513 | 14.503 | 14.531 | VV | 5103   | 69278   | 1.31%  | 0.043% |
| 203 | 14.544 | 14.531 | 14.560 | VV | 4427   | 57210   | 1.09%  | 0.035% |
| 204 | 14.609 | 14.560 | 14.625 | VV | 12331  | 292372  | 5.55%  | 0.180% |
| 205 | 14.640 | 14.625 | 14.661 | VV | 14746  | 235928  | 4.48%  | 0.145% |
| 206 | 14.672 | 14.661 | 14.681 | VV | 6366   | 68892   | 1.31%  | 0.042% |
| 207 | 14.703 | 14.681 | 14.713 | VV | 9296   | 158283  | 3.00%  | 0.098% |
| 208 | 14.746 | 14.713 | 14.799 | VV | 14429  | 407026  | 7.72%  | 0.251% |
| 209 | 14.828 | 14.799 | 14.860 | VV | 21725  | 458271  | 8.70%  | 0.282% |
| 210 | 14.885 | 14.860 | 14.931 | VV | 33942  | 680028  | 12.91% | 0.419% |
| 211 | 14.950 | 14.931 | 14.973 | VV | 10680  | 173598  | 3.29%  | 0.107% |
| 212 | 15.002 | 14.973 | 15.027 | VV | 9370   | 191706  | 3.64%  | 0.118% |
| 213 | 15.047 | 15.027 | 15.063 | VV | 8879   | 132511  | 2.51%  | 0.082% |
| 214 | 15.083 | 15.063 | 15.144 | VV | 10147  | 188163  | 3.57%  | 0.116% |
| 215 | 15.199 | 15.144 | 15.220 | PV | 111758 | 1484318 | 28.17% | 0.915% |
| 216 | 15.240 | 15.220 | 15.301 | VV | 98842  | 1648226 | 31.28% | 1.016% |
| 217 | 15.361 | 15.301 | 15.385 | VV | 23720  | 491693  | 9.33%  | 0.303% |
| 218 | 15.406 | 15.385 | 15.464 | VV | 12868  | 333357  | 6.33%  | 0.205% |
| 219 | 15.507 | 15.464 | 15.532 | VV | 9827   | 224112  | 4.25%  | 0.138% |
| 220 | 15.553 | 15.532 | 15.574 | VV | 11202  | 221914  | 4.21%  | 0.137% |
| 221 | 15.585 | 15.574 | 15.602 | VV | 9717   | 129012  | 2.45%  | 0.080% |
| 222 | 15.628 | 15.602 | 15.651 | VV | 17015  | 350322  | 6.65%  | 0.216% |
| 223 | 15.663 | 15.651 | 15.731 | VV | 12222  | 276015  | 5.24%  | 0.170% |
| 224 | 15.760 | 15.731 | 15.776 | PV | 9696   | 139887  | 2.65%  | 0.086% |
| 225 | 15.788 | 15.776 | 15.811 | VV | 7345   | 97300   | 1.85%  | 0.060% |
| 226 | 15.832 | 15.811 | 15.851 | VV | 9499   | 128526  | 2.44%  | 0.079% |
| 227 | 15.878 | 15.851 | 15.901 | VV | 41260  | 574799  | 10.91% | 0.354% |
| 228 | 15.917 | 15.901 | 15.949 | VV | 17639  | 288550  | 5.48%  | 0.178% |
| 229 | 15.982 | 15.949 | 16.004 | VV | 9106   | 236999  | 4.50%  | 0.146% |
| 230 | 16.039 | 16.004 | 16.087 | VV | 20224  | 634907  | 12.05% | 0.391% |
| 231 | 16.109 | 16.087 | 16.134 | VV | 7048   | 133006  | 2.52%  | 0.082% |
| 232 | 16.167 | 16.134 | 16.186 | VV | 4354   | 98979   | 1.88%  | 0.061% |
| 233 | 16.206 | 16.186 | 16.244 | VV | 6388   | 122957  | 2.33%  | 0.076% |
| 234 | 16.264 | 16.244 | 16.283 | VV | 6631   | 100244  | 1.90%  | 0.062% |
| 235 | 16.303 | 16.283 | 16.363 | VV | 6390   | 182914  | 3.47%  | 0.113% |
| 236 | 16.384 | 16.363 | 16.394 | VV | 2806   | 31207   | 0.59%  | 0.019% |
| 237 | 16.412 | 16.394 | 16.422 | VV | 2148   | 22206   | 0.42%  | 0.014% |
| 238 | 16.476 | 16.422 | 16.503 | PV | 8774   | 218662  | 4.15%  | 0.135% |
| 239 | 16.522 | 16.503 | 16.535 | VV | 6242   | 82220   | 1.56%  | 0.051% |
| 240 | 16.573 | 16.535 | 16.602 | VV | 12129  | 324280  | 6.15%  | 0.200% |
| 241 | 16.645 | 16.602 | 16.657 | VV | 9946   | 237956  | 4.52%  | 0.147% |
| 242 | 16.669 | 16.657 | 16.673 | VV | 10503  | 94458   | 1.79%  | 0.058% |
| 243 | 16.683 | 16.673 | 16.717 | VV | 11474  | 191916  | 3.64%  | 0.118% |
| 244 | 16.770 | 16.717 | 16.791 | VV | 109625 | 1756592 | 33.34% | 1.083% |
| 245 | 16.799 | 16.791 | 16.865 | VV | 44137  | 818707  | 15.54% | 0.505% |
| 246 | 16.905 | 16.865 | 16.951 | VV | 26600  | 656619  | 12.46% | 0.405% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.961 | 16.951 | 17.001 | VV | 8841   | 201103  | 3.82%  | 0.124% |
| 248 | 17.047 | 17.001 | 17.068 | VV | 25242  | 534452  | 10.14% | 0.329% |
| 249 | 17.093 | 17.068 | 17.128 | VV | 68653  | 1109671 | 21.06% | 0.684% |
| 250 | 17.156 | 17.128 | 17.194 | VV | 82441  | 1486613 | 28.21% | 0.916% |
| 251 | 17.209 | 17.194 | 17.227 | VV | 20941  | 369138  | 7.01%  | 0.228% |
| 252 | 17.262 | 17.227 | 17.288 | VV | 31092  | 770770  | 14.63% | 0.475% |
| 253 | 17.300 | 17.288 | 17.328 | VV | 14543  | 298054  | 5.66%  | 0.184% |
| 254 | 17.337 | 17.328 | 17.349 | VV | 11251  | 137536  | 2.61%  | 0.085% |
| 255 | 17.398 | 17.349 | 17.443 | VV | 20641  | 859529  | 16.31% | 0.530% |
| 256 | 17.461 | 17.443 | 17.480 | VV | 17998  | 346566  | 6.58%  | 0.214% |
| 257 | 17.534 | 17.480 | 17.587 | VV | 26877  | 1230995 | 23.36% | 0.759% |
| 258 | 17.607 | 17.587 | 17.616 | VV | 16256  | 275471  | 5.23%  | 0.170% |
| 259 | 17.636 | 17.616 | 17.643 | VV | 20812  | 303276  | 5.76%  | 0.187% |
| 260 | 17.662 | 17.643 | 17.721 | VV | 30547  | 1009728 | 19.16% | 0.622% |
| 261 | 17.746 | 17.721 | 17.764 | VV | 19984  | 453454  | 8.61%  | 0.279% |
| 262 | 17.781 | 17.764 | 17.801 | VV | 22684  | 434176  | 8.24%  | 0.268% |
| 263 | 17.823 | 17.801 | 17.898 | VV | 24962  | 1083028 | 20.55% | 0.667% |
| 264 | 17.954 | 17.898 | 17.981 | VV | 18732  | 764776  | 14.51% | 0.471% |
| 265 | 18.009 | 17.981 | 18.031 | VV | 21248  | 531278  | 10.08% | 0.327% |
| 266 | 18.051 | 18.031 | 18.060 | VV | 19351  | 311714  | 5.92%  | 0.192% |
| 267 | 18.107 | 18.060 | 18.141 | VV | 40366  | 1245073 | 23.63% | 0.767% |
| 268 | 18.152 | 18.141 | 18.178 | VV | 21031  | 409993  | 7.78%  | 0.253% |
| 269 | 18.196 | 18.178 | 18.204 | VV | 20095  | 298880  | 5.67%  | 0.184% |
| 270 | 18.252 | 18.204 | 18.294 | VV | 45172  | 1537001 | 29.17% | 0.947% |
| 271 | 18.307 | 18.294 | 18.331 | VV | 25921  | 499097  | 9.47%  | 0.308% |
| 272 | 18.354 | 18.331 | 18.369 | VV | 24323  | 509170  | 9.66%  | 0.314% |
| 273 | 18.384 | 18.369 | 18.409 | VV | 22701  | 501335  | 9.51%  | 0.309% |
| 274 | 18.448 | 18.409 | 18.503 | VV | 41224  | 1648041 | 31.28% | 1.016% |
| 275 | 18.541 | 18.503 | 18.568 | VV | 71920  | 1760788 | 33.42% | 1.085% |
| 276 | 18.581 | 18.568 | 18.601 | VV | 40960  | 692997  | 13.15% | 0.427% |
| 277 | 18.621 | 18.601 | 18.646 | VV | 51394  | 1008635 | 19.14% | 0.622% |
| 278 | 18.678 | 18.646 | 18.689 | VV | 31753  | 749033  | 14.22% | 0.462% |
| 279 | 18.703 | 18.689 | 18.725 | VV | 34117  | 656927  | 12.47% | 0.405% |
| 280 | 18.738 | 18.725 | 18.770 | VV | 29818  | 685085  | 13.00% | 0.422% |
| 281 | 18.797 | 18.770 | 18.862 | VV | 71771  | 2051923 | 38.94% | 1.265% |
| 282 | 18.874 | 18.862 | 18.886 | VV | 27221  | 365172  | 6.93%  | 0.225% |
| 283 | 18.941 | 18.886 | 18.995 | VV | 59646  | 2224399 | 42.22% | 1.371% |
| 284 | 19.004 | 18.995 | 19.011 | VV | 24959  | 231944  | 4.40%  | 0.143% |
| 285 | 19.044 | 19.011 | 19.064 | VV | 46553  | 1052179 | 19.97% | 0.648% |
| 286 | 19.094 | 19.064 | 19.158 | VV | 40108  | 1742401 | 33.07% | 1.074% |
| 287 | 19.195 | 19.158 | 19.203 | VV | 30604  | 760463  | 14.43% | 0.469% |
| 288 | 19.238 | 19.203 | 19.282 | VV | 35546  | 1550390 | 29.42% | 0.956% |
| 289 | 19.337 | 19.282 | 19.358 | VV | 50512  | 1861227 | 35.32% | 1.147% |
| 290 | 19.376 | 19.358 | 19.414 | VV | 42377  | 1204310 | 22.86% | 0.742% |
| 291 | 19.440 | 19.414 | 19.471 | VV | 41307  | 1205421 | 22.88% | 0.743% |
| 292 | 19.490 | 19.471 | 19.526 | VV | 36843  | 1146274 | 21.75% | 0.706% |
| 293 | 19.598 | 19.526 | 19.622 | VV | 35732  | 1907327 | 36.20% | 1.176% |
| 294 | 19.648 | 19.622 | 19.668 | VV | 35239  | 939548  | 17.83% | 0.579% |
| 295 | 19.728 | 19.668 | 19.746 | VV | 56331  | 1893407 | 35.93% | 1.167% |
| 296 | 19.755 | 19.746 | 19.790 | VV | 45639  | 1081997 | 20.53% | 0.667% |
| 297 | 19.851 | 19.790 | 19.875 | VV | 44368  | 2000889 | 37.97% | 1.233% |
| 298 | 19.972 | 19.875 | 20.004 | VV | 58144  | 3421146 | 64.93% | 2.109% |
| 299 | 20.038 | 20.004 | 20.061 | VV | 53638  | 1699876 | 32.26% | 1.048% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 300 | 20.102 | 20.061 | 20.133 | VV | 67625  | 2488037 | 47.22% | 1.533% |
| 301 | 20.151 | 20.133 | 20.184 | VV | 58289  | 1605977 | 30.48% | 0.990% |
| 302 | 20.214 | 20.184 | 20.224 | VV | 47066  | 1074513 | 20.39% | 0.662% |
| 303 | 20.269 | 20.224 | 20.320 | VV | 55986  | 2857578 | 54.23% | 1.761% |
| 304 | 20.375 | 20.320 | 20.424 | VV | 70282  | 3691201 | 70.05% | 2.275% |
| 305 | 20.471 | 20.424 | 20.500 | VV | 72775  | 2870393 | 54.48% | 1.769% |
| 306 | 20.513 | 20.500 | 20.521 | VV | 59953  | 735333  | 13.96% | 0.453% |
| 307 | 20.538 | 20.521 | 20.588 | VV | 68178  | 2506615 | 47.57% | 1.545% |
| 308 | 20.672 | 20.588 | 20.714 | VV | 73496  | 5068727 | 96.20% | 3.124% |
| 309 | 20.729 | 20.714 | 20.768 | VV | 64714  | 1957091 | 37.14% | 1.206% |
| 310 | 20.826 | 20.768 | 20.860 | VV | 72509  | 3422274 | 64.95% | 2.109% |
| 311 | 20.870 | 20.860 | 20.913 | VV | 60368  | 1833396 | 34.80% | 1.130% |
| 312 | 20.941 | 20.913 | 20.952 | VV | 59202  | 1295768 | 24.59% | 0.799% |
| 313 | 20.968 | 20.952 | 20.988 | VV | 58610  | 1216698 | 23.09% | 0.750% |
| 314 | 21.000 | 20.988 | 21.021 | VV | 56841  | 1077369 | 20.45% | 0.664% |
| 315 | 21.044 | 21.021 | 21.163 | VV | 55765  | 4354511 | 82.64% | 2.684% |
| 316 | 21.215 | 21.163 | 21.277 | VV | 57682  | 3340772 | 63.40% | 2.059% |
| 317 | 21.291 | 21.277 | 21.319 | VV | 45515  | 1073472 | 20.37% | 0.662% |
| 318 | 21.328 | 21.319 | 21.353 | VV | 42052  | 834271  | 15.83% | 0.514% |
| 319 | 21.377 | 21.353 | 21.410 | VV | 42227  | 1387573 | 26.33% | 0.855% |
| 320 | 21.431 | 21.410 | 21.458 | VV | 41366  | 1127992 | 21.41% | 0.695% |
| 321 | 21.468 | 21.458 | 21.508 | VV | 40679  | 1125714 | 21.36% | 0.694% |
| 322 | 21.513 | 21.508 | 21.528 | VV | 36839  | 435027  | 8.26%  | 0.268% |
| 323 | 21.546 | 21.528 | 21.581 | VV | 36867  | 1090891 | 20.70% | 0.672% |
| 324 | 21.602 | 21.581 | 21.634 | VV | 34344  | 1032970 | 19.60% | 0.637% |
| 325 | 21.661 | 21.634 | 21.763 | VV | 39369  | 2311975 | 43.88% | 1.425% |
| 326 | 21.794 | 21.763 | 21.838 | VV | 27431  | 1090579 | 20.70% | 0.672% |
| 327 | 21.866 | 21.838 | 21.903 | VV | 23810  | 877783  | 16.66% | 0.541% |
| 328 | 21.916 | 21.903 | 21.944 | VV | 22814  | 514070  | 9.76%  | 0.317% |
| 329 | 21.954 | 21.944 | 22.001 | VV | 22542  | 617641  | 11.72% | 0.381% |
| 330 | 22.014 | 22.001 | 22.071 | VV | 16589  | 621223  | 11.79% | 0.383% |
| 331 | 22.150 | 22.071 | 22.215 | VV | 21308  | 1122272 | 21.30% | 0.692% |
| 332 | 22.230 | 22.215 | 22.244 | VV | 8009   | 115092  | 2.18%  | 0.071% |
| 333 | 22.277 | 22.244 | 22.311 | VV | 9957   | 267293  | 5.07%  | 0.165% |
| 334 | 22.318 | 22.311 | 22.337 | VV | 5194   | 62445   | 1.19%  | 0.038% |
| 335 | 22.365 | 22.337 | 22.381 | VV | 5511   | 82809   | 1.57%  | 0.051% |

Sum of corrected areas: 162254804

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