

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110822AL\  
 Data File : FE038631.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Nov 2022 10:00  
 Sample : N5453-01RE  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 102522.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         | 3.361       | 3.304        | 3.414      | BV       | 147            | 4166         | 0.02%          | 0.003%        |
| 2         | 3.416       | 3.414        | 3.432      | VV       | 126            | 662          | 0.00%          | 0.000%        |
| 3         | 3.437       | 3.432        | 3.457      | VV       | 78             | 685          | 0.00%          | 0.000%        |
| 4         | 3.472       | 3.457        | 3.480      | PV       | 115            | 863          | 0.00%          | 0.001%        |
| 5         | 3.510       | 3.480        | 3.571      | VV       | 232            | 8583         | 0.03%          | 0.006%        |
| 6         | 3.585       | 3.571        | 3.598      | VV       | 188            | 2168         | 0.01%          | 0.001%        |
| 7         | 3.601       | 3.598        | 3.624      | VV       | 190            | 1453         | 0.01%          | 0.001%        |
| 8         | 3.635       | 3.624        | 3.697      | VV       | 135            | 5111         | 0.02%          | 0.003%        |
| 9         | 3.714       | 3.697        | 3.728      | VV       | 316            | 3736         | 0.02%          | 0.002%        |
| 10        | 3.747       | 3.728        | 3.779      | VV       | 858            | 11675        | 0.05%          | 0.008%        |
| 11        | 3.796       | 3.779        | 3.814      | VV       | 687            | 10842        | 0.04%          | 0.007%        |
| 12        | 3.828       | 3.814        | 3.876      | VV       | 1592           | 20171        | 0.08%          | 0.013%        |
| 13        | 3.885       | 3.876        | 3.919      | VV       | 168            | 2900         | 0.01%          | 0.002%        |
| 14        | 3.944       | 3.919        | 3.981      | VV       | 1067           | 12893        | 0.05%          | 0.009%        |
| 15        | 3.990       | 3.981        | 4.018      | VV       | 131            | 2190         | 0.01%          | 0.001%        |
| 16        | 4.035       | 4.018        | 4.058      | VV       | 294            | 5019         | 0.02%          | 0.003%        |
| 17        | 4.068       | 4.058        | 4.111      | VV       | 228            | 4026         | 0.02%          | 0.003%        |
| 18        | 4.119       | 4.111        | 4.124      | VV       | 99             | 560          | 0.00%          | 0.000%        |
| 19        | 4.146       | 4.124        | 4.164      | VV       | 427            | 5446         | 0.02%          | 0.004%        |
| 20        | 4.191       | 4.164        | 4.229      | VV       | 1309           | 19626        | 0.08%          | 0.013%        |
| 21        | 4.237       | 4.229        | 4.284      | VV       | 226            | 5897         | 0.02%          | 0.004%        |
| 22        | 4.346       | 4.284        | 4.366      | VV       | 3469           | 43926        | 0.18%          | 0.029%        |
| 23        | 4.376       | 4.366        | 4.412      | VV       | 685            | 10203        | 0.04%          | 0.007%        |
| 24        | 4.420       | 4.412        | 4.439      | VV       | 149            | 2227         | 0.01%          | 0.001%        |
| 25        | 4.450       | 4.439        | 4.493      | VV       | 165            | 3784         | 0.02%          | 0.003%        |
| 26        | 4.506       | 4.493        | 4.526      | VV       | 159            | 2222         | 0.01%          | 0.001%        |
| 27        | 4.549       | 4.526        | 4.572      | VV       | 204            | 3464         | 0.01%          | 0.002%        |
| 28        | 4.606       | 4.572        | 4.627      | PV       | 523            | 6896         | 0.03%          | 0.005%        |
| 29        | 4.650       | 4.627        | 4.678      | VV       | 179            | 3034         | 0.01%          | 0.002%        |
| 30        | 4.682       | 4.678        | 4.708      | VV       | 161            | 1694         | 0.01%          | 0.001%        |
| 31        | 4.731       | 4.708        | 4.758      | VV       | 138            | 3329         | 0.01%          | 0.002%        |
| 32        | 4.776       | 4.758        | 4.814      | VV       | 472            | 8012         | 0.03%          | 0.005%        |
| 33        | 4.856       | 4.814        | 4.877      | VV       | 736            | 13041        | 0.05%          | 0.009%        |
| 34        | 4.893       | 4.877        | 4.908      | VV       | 364            | 3961         | 0.02%          | 0.003%        |
| 35        | 4.918       | 4.908        | 4.937      | VV       | 257            | 2877         | 0.01%          | 0.002%        |
| 36        | 4.979       | 4.937        | 5.013      | VV       | 909            | 16637        | 0.07%          | 0.011%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.024 | 5.013 | 5.047 | VV | 317    | 4474  | 0.02% | 0.003% |
| 38 | 5.063 | 5.047 | 5.094 | VV | 274    | 5567  | 0.02% | 0.004% |
| 39 | 5.119 | 5.094 | 5.154 | VV | 296    | 6222  | 0.03% | 0.004% |
| 40 | 5.188 | 5.154 | 5.203 | VV | 170    | 2855  | 0.01% | 0.002% |
| 41 | 5.214 | 5.203 | 5.222 | VV | 155    | 926   | 0.00% | 0.001% |
| 42 | 5.258 | 5.222 | 5.270 | VV | 217    | 3853  | 0.02% | 0.003% |
| 43 | 5.278 | 5.270 | 5.291 | VV | 236    | 2090  | 0.01% | 0.001% |
| 44 | 5.303 | 5.291 | 5.339 | VV | 407    | 7255  | 0.03% | 0.005% |
| 45 | 5.361 | 5.339 | 5.384 | VV | 276    | 4662  | 0.02% | 0.003% |
| 46 | 5.391 | 5.384 | 5.408 | VV | 359    | 2243  | 0.01% | 0.001% |
| 47 | 5.425 | 5.408 | 5.441 | VV | 1156   | 12268 | 0.05% | 0.008% |
| 48 | 5.456 | 5.441 | 5.505 | VV | 830    | 11957 | 0.05% | 0.008% |
| 49 | 5.546 | 5.505 | 5.578 | VV | 807    | 11932 | 0.05% | 0.008% |
| 50 | 5.589 | 5.578 | 5.604 | VV | 216    | 2581  | 0.01% | 0.002% |
| 51 | 5.619 | 5.604 | 5.670 | VV | 257    | 4575  | 0.02% | 0.003% |
| 52 | 5.682 | 5.670 | 5.723 | VV | 172    | 2586  | 0.01% | 0.002% |
| 53 | 5.742 | 5.723 | 5.783 | PV | 798    | 14329 | 0.06% | 0.009% |
| 54 | 5.814 | 5.783 | 5.841 | VV | 1618   | 24723 | 0.10% | 0.016% |
| 55 | 5.854 | 5.841 | 5.884 | VV | 294    | 4636  | 0.02% | 0.003% |
| 56 | 5.931 | 5.884 | 5.952 | VV | 457    | 9180  | 0.04% | 0.006% |
| 57 | 5.971 | 5.952 | 5.994 | VV | 878    | 10955 | 0.04% | 0.007% |
| 58 | 6.036 | 5.994 | 6.081 | VV | 536    | 16855 | 0.07% | 0.011% |
| 59 | 6.096 | 6.081 | 6.113 | VV | 297    | 4597  | 0.02% | 0.003% |
| 60 | 6.130 | 6.113 | 6.149 | VV | 528    | 6413  | 0.03% | 0.004% |
| 61 | 6.180 | 6.149 | 6.200 | VV | 258    | 4636  | 0.02% | 0.003% |
| 62 | 6.219 | 6.200 | 6.238 | PV | 254    | 3161  | 0.01% | 0.002% |
| 63 | 6.274 | 6.238 | 6.294 | VV | 377    | 6067  | 0.02% | 0.004% |
| 64 | 6.312 | 6.294 | 6.361 | VV | 2240   | 29101 | 0.12% | 0.019% |
| 65 | 6.371 | 6.361 | 6.381 | VV | 297    | 2928  | 0.01% | 0.002% |
| 66 | 6.415 | 6.381 | 6.433 | VV | 404    | 7567  | 0.03% | 0.005% |
| 67 | 6.479 | 6.433 | 6.534 | VV | 469    | 16472 | 0.07% | 0.011% |
| 68 | 6.542 | 6.534 | 6.555 | VV | 307    | 2865  | 0.01% | 0.002% |
| 69 | 6.611 | 6.555 | 6.674 | VV | 634    | 20455 | 0.08% | 0.014% |
| 70 | 6.697 | 6.674 | 6.741 | VV | 513    | 9806  | 0.04% | 0.006% |
| 71 | 6.786 | 6.741 | 6.824 | VV | 1277   | 28282 | 0.11% | 0.019% |
| 72 | 6.861 | 6.824 | 6.873 | VV | 294    | 5550  | 0.02% | 0.004% |
| 73 | 6.923 | 6.873 | 6.950 | VV | 649    | 14452 | 0.06% | 0.010% |
| 74 | 6.972 | 6.950 | 6.985 | VV | 345    | 5115  | 0.02% | 0.003% |
| 75 | 6.997 | 6.985 | 7.012 | VV | 245    | 2544  | 0.01% | 0.002% |
| 76 | 7.025 | 7.012 | 7.038 | VV | 392    | 3308  | 0.01% | 0.002% |
| 77 | 7.053 | 7.038 | 7.076 | VV | 598    | 6675  | 0.03% | 0.004% |
| 78 | 7.116 | 7.076 | 7.149 | PV | 840    | 14220 | 0.06% | 0.009% |
| 79 | 7.178 | 7.149 | 7.218 | VV | 1118   | 14831 | 0.06% | 0.010% |
| 80 | 7.247 | 7.218 | 7.271 | VV | 824    | 11858 | 0.05% | 0.008% |
| 81 | 7.302 | 7.271 | 7.321 | VV | 595    | 10972 | 0.04% | 0.007% |
| 82 | 7.343 | 7.321 | 7.369 | VV | 733    | 10477 | 0.04% | 0.007% |
| 83 | 7.406 | 7.369 | 7.431 | VV | 2498   | 33682 | 0.14% | 0.022% |
| 84 | 7.444 | 7.431 | 7.470 | VV | 687    | 9383  | 0.04% | 0.006% |
| 85 | 7.490 | 7.470 | 7.523 | PV | 832    | 12628 | 0.05% | 0.008% |
| 86 | 7.543 | 7.523 | 7.569 | VV | 1699   | 19371 | 0.08% | 0.013% |
| 87 | 7.596 | 7.569 | 7.651 | VV | 2100   | 33274 | 0.13% | 0.022% |
| 88 | 7.715 | 7.651 | 7.741 | VV | 2116   | 40220 | 0.16% | 0.027% |
| 89 | 7.765 | 7.741 | 7.779 | VV | 389    | 7236  | 0.03% | 0.005% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.796  | 7.779  | 7.831  | VV | 758    | 12715  | 0.05% | 0.008% |
| 91  | 7.843  | 7.831  | 7.857  | VV | 174    | 2158   | 0.01% | 0.001% |
| 92  | 7.890  | 7.857  | 7.928  | VV | 854    | 15809  | 0.06% | 0.010% |
| 93  | 7.946  | 7.928  | 7.963  | VV | 348    | 4165   | 0.02% | 0.003% |
| 94  | 7.985  | 7.963  | 7.994  | PV | 162    | 1346   | 0.01% | 0.001% |
| 95  | 8.081  | 8.071  | 8.111  | VV | 873    | 13405  | 0.05% | 0.009% |
| 96  | 8.144  | 8.111  | 8.162  | VV | 906    | 19258  | 0.08% | 0.013% |
| 97  | 8.175  | 8.162  | 8.218  | VV | 615    | 14197  | 0.06% | 0.009% |
| 98  | 8.242  | 8.218  | 8.264  | VV | 622    | 8664   | 0.03% | 0.006% |
| 99  | 8.292  | 8.264  | 8.314  | VV | 791    | 15478  | 0.06% | 0.010% |
| 100 | 8.347  | 8.314  | 8.375  | VV | 922    | 20567  | 0.08% | 0.014% |
| 101 | 8.414  | 8.375  | 8.455  | VV | 1955   | 35501  | 0.14% | 0.023% |
| 102 | 8.525  | 8.455  | 8.564  | VV | 13268  | 179192 | 0.72% | 0.118% |
| 103 | 8.595  | 8.564  | 8.624  | VV | 3819   | 60503  | 0.24% | 0.040% |
| 104 | 8.638  | 8.624  | 8.658  | VV | 649    | 9689   | 0.04% | 0.006% |
| 105 | 8.704  | 8.658  | 8.737  | VV | 2672   | 55249  | 0.22% | 0.037% |
| 106 | 8.759  | 8.737  | 8.776  | VV | 985    | 15000  | 0.06% | 0.010% |
| 107 | 8.793  | 8.776  | 8.808  | VV | 804    | 11635  | 0.05% | 0.008% |
| 108 | 8.819  | 8.808  | 8.858  | VV | 765    | 12734  | 0.05% | 0.008% |
| 109 | 8.954  | 8.948  | 8.983  | VV | 1109   | 18737  | 0.08% | 0.012% |
| 110 | 9.003  | 8.983  | 9.028  | VV | 1607   | 27580  | 0.11% | 0.018% |
| 111 | 9.048  | 9.028  | 9.073  | VV | 1400   | 26525  | 0.11% | 0.018% |
| 112 | 9.091  | 9.073  | 9.104  | VV | 844    | 14122  | 0.06% | 0.009% |
| 113 | 9.133  | 9.104  | 9.167  | VV | 2264   | 41195  | 0.17% | 0.027% |
| 114 | 9.189  | 9.167  | 9.206  | VV | 804    | 12930  | 0.05% | 0.009% |
| 115 | 9.246  | 9.206  | 9.265  | VV | 1365   | 28462  | 0.11% | 0.019% |
| 116 | 9.279  | 9.265  | 9.300  | VV | 1094   | 14161  | 0.06% | 0.009% |
| 117 | 9.331  | 9.300  | 9.350  | VV | 1102   | 23237  | 0.09% | 0.015% |
| 118 | 9.374  | 9.350  | 9.395  | VV | 1509   | 26146  | 0.11% | 0.017% |
| 119 | 9.420  | 9.395  | 9.442  | VV | 6385   | 81816  | 0.33% | 0.054% |
| 120 | 9.455  | 9.442  | 9.494  | VV | 1604   | 28486  | 0.11% | 0.019% |
| 121 | 9.509  | 9.494  | 9.533  | VV | 631    | 9805   | 0.04% | 0.006% |
| 122 | 9.572  | 9.533  | 9.589  | VV | 1433   | 19839  | 0.08% | 0.013% |
| 123 | 9.604  | 9.589  | 9.641  | VV | 1109   | 15625  | 0.06% | 0.010% |
| 124 | 9.655  | 9.641  | 9.671  | VV | 776    | 9346   | 0.04% | 0.006% |
| 125 | 9.708  | 9.671  | 9.725  | VV | 1378   | 23609  | 0.10% | 0.016% |
| 126 | 9.744  | 9.725  | 9.766  | VV | 1535   | 22627  | 0.09% | 0.015% |
| 127 | 9.794  | 9.766  | 9.831  | VV | 4460   | 77686  | 0.31% | 0.051% |
| 128 | 9.841  | 9.831  | 9.851  | VV | 654    | 7345   | 0.03% | 0.005% |
| 129 | 9.872  | 9.851  | 9.908  | VV | 1747   | 36747  | 0.15% | 0.024% |
| 130 | 9.934  | 9.908  | 9.954  | VV | 1480   | 28126  | 0.11% | 0.019% |
| 131 | 9.977  | 9.954  | 10.014 | VV | 1095   | 30440  | 0.12% | 0.020% |
| 132 | 10.053 | 10.014 | 10.064 | VV | 670    | 15651  | 0.06% | 0.010% |
| 133 | 10.075 | 10.064 | 10.095 | VV | 601    | 7969   | 0.03% | 0.005% |
| 134 | 10.133 | 10.095 | 10.181 | VV | 4426   | 77750  | 0.31% | 0.051% |
| 135 | 10.201 | 10.181 | 10.252 | VV | 6856   | 93818  | 0.38% | 0.062% |
| 136 | 10.274 | 10.252 | 10.294 | VV | 487    | 9304   | 0.04% | 0.006% |
| 137 | 10.308 | 10.294 | 10.353 | VV | 530    | 9023   | 0.04% | 0.006% |
| 138 | 10.376 | 10.353 | 10.428 | PV | 611    | 12815  | 0.05% | 0.008% |
| 139 | 10.472 | 10.428 | 10.516 | VV | 859    | 15592  | 0.06% | 0.010% |
| 140 | 10.541 | 10.516 | 10.561 | VV | 1062   | 17632  | 0.07% | 0.012% |
| 141 | 10.588 | 10.561 | 10.616 | VV | 3558   | 56893  | 0.23% | 0.038% |

|     |        |        |        |    | rteres  |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
| 142 | 10.643 | 10.616 | 10.656 | VV | 1392    | 22628    | 0.09%   | 0.015%  |
| 143 | 10.674 | 10.656 | 10.697 | VV | 2315    | 34356    | 0.14%   | 0.023%  |
| 144 | 10.719 | 10.697 | 10.758 | VV | 1814    | 37343    | 0.15%   | 0.025%  |
| 145 | 10.787 | 10.758 | 10.805 | VV | 2630    | 35543    | 0.14%   | 0.024%  |
|     |        |        |        |    |         |          |         |         |
| 146 | 10.846 | 10.805 | 10.889 | VV | 3460    | 103818   | 0.42%   | 0.069%  |
| 147 | 10.897 | 10.889 | 10.906 | VV | 1400    | 14092    | 0.06%   | 0.009%  |
| 148 | 10.939 | 10.906 | 10.968 | VV | 6862    | 108444   | 0.44%   | 0.072%  |
| 149 | 10.991 | 10.968 | 11.031 | VV | 5512    | 120022   | 0.48%   | 0.079%  |
| 150 | 11.044 | 11.031 | 11.086 | VV | 1637    | 33398    | 0.13%   | 0.022%  |
|     |        |        |        |    |         |          |         |         |
| 151 | 11.106 | 11.086 | 11.128 | VV | 1564    | 21345    | 0.09%   | 0.014%  |
| 152 | 11.161 | 11.128 | 11.172 | VV | 1417    | 23164    | 0.09%   | 0.015%  |
| 153 | 11.194 | 11.172 | 11.240 | VV | 16590   | 198563   | 0.80%   | 0.131%  |
| 154 | 11.269 | 11.240 | 11.304 | VV | 4806    | 62583    | 0.25%   | 0.041%  |
| 155 | 11.331 | 11.304 | 11.373 | VV | 1554    | 28538    | 0.12%   | 0.019%  |
|     |        |        |        |    |         |          |         |         |
| 156 | 11.394 | 11.373 | 11.429 | VV | 641     | 12052    | 0.05%   | 0.008%  |
| 157 | 11.445 | 11.429 | 11.463 | VV | 703     | 8118     | 0.03%   | 0.005%  |
| 158 | 11.485 | 11.463 | 11.528 | VV | 1574    | 27420    | 0.11%   | 0.018%  |
| 159 | 11.564 | 11.528 | 11.603 | PV | 999     | 28629    | 0.12%   | 0.019%  |
| 160 | 11.642 | 11.603 | 11.674 | VV | 6044    | 82255    | 0.33%   | 0.054%  |
|     |        |        |        |    |         |          |         |         |
| 161 | 11.728 | 11.674 | 11.774 | VV | 2885    | 79661    | 0.32%   | 0.053%  |
| 162 | 11.796 | 11.774 | 11.820 | VV | 623     | 9296     | 0.04%   | 0.006%  |
| 163 | 11.846 | 11.820 | 11.868 | VV | 1290    | 15903    | 0.06%   | 0.011%  |
| 164 | 11.889 | 11.868 | 11.914 | VV | 1206    | 17609    | 0.07%   | 0.012%  |
| 165 | 11.964 | 11.914 | 11.989 | VV | 428483  | 4686456  | 18.89%  | 3.099%  |
|     |        |        |        |    |         |          |         |         |
| 166 | 11.997 | 11.989 | 12.013 | VV | 5848    | 56235    | 0.23%   | 0.037%  |
| 167 | 12.028 | 12.013 | 12.068 | VV | 6021    | 71592    | 0.29%   | 0.047%  |
| 168 | 12.113 | 12.068 | 12.130 | VV | 3674    | 65529    | 0.26%   | 0.043%  |
| 169 | 12.146 | 12.130 | 12.160 | VV | 3742    | 44284    | 0.18%   | 0.029%  |
| 170 | 12.178 | 12.160 | 12.187 | VV | 5056    | 57283    | 0.23%   | 0.038%  |
|     |        |        |        |    |         |          |         |         |
| 171 | 12.200 | 12.187 | 12.229 | VV | 7201    | 82948    | 0.33%   | 0.055%  |
| 172 | 12.255 | 12.229 | 12.273 | PV | 540     | 8275     | 0.03%   | 0.005%  |
| 173 | 12.311 | 12.273 | 12.330 | VV | 4900    | 73320    | 0.30%   | 0.048%  |
| 174 | 12.365 | 12.330 | 12.393 | VV | 431768  | 4868669  | 19.62%  | 3.219%  |
| 175 | 12.402 | 12.393 | 12.444 | VV | 3758    | 43529    | 0.18%   | 0.029%  |
|     |        |        |        |    |         |          |         |         |
| 176 | 12.468 | 12.444 | 12.487 | PV | 1885    | 21734    | 0.09%   | 0.014%  |
| 177 | 12.561 | 12.487 | 12.623 | VV | 92868   | 1140599  | 4.60%   | 0.754%  |
| 178 | 12.644 | 12.623 | 12.665 | VV | 5758    | 75261    | 0.30%   | 0.050%  |
| 179 | 12.675 | 12.665 | 12.691 | VV | 1509    | 20080    | 0.08%   | 0.013%  |
| 180 | 12.713 | 12.691 | 12.761 | VV | 2766    | 60544    | 0.24%   | 0.040%  |
|     |        |        |        |    |         |          |         |         |
| 181 | 12.797 | 12.761 | 12.817 | VV | 5186    | 92374    | 0.37%   | 0.061%  |
| 182 | 12.833 | 12.817 | 12.874 | VV | 2709    | 49895    | 0.20%   | 0.033%  |
| 183 | 12.897 | 12.874 | 12.917 | VV | 6420    | 81889    | 0.33%   | 0.054%  |
| 184 | 12.951 | 12.917 | 12.980 | VV | 6435    | 121684   | 0.49%   | 0.080%  |
| 185 | 13.011 | 12.980 | 13.075 | VV | 23623   | 321124   | 1.29%   | 0.212%  |
|     |        |        |        |    |         |          |         |         |
| 186 | 13.113 | 13.075 | 13.127 | PV | 799     | 13218    | 0.05%   | 0.009%  |
| 187 | 13.145 | 13.127 | 13.161 | VV | 1304    | 16803    | 0.07%   | 0.011%  |
| 188 | 13.203 | 13.161 | 13.234 | VV | 2124    | 52655    | 0.21%   | 0.035%  |
| 189 | 13.252 | 13.234 | 13.288 | VV | 1296    | 24867    | 0.10%   | 0.016%  |
| 190 | 13.310 | 13.288 | 13.345 | PV | 21889   | 245246   | 0.99%   | 0.162%  |
|     |        |        |        |    |         |          |         |         |
| 191 | 13.395 | 13.345 | 13.425 | VV | 1442597 | 24812154 | 100.00% | 16.407% |
| 192 | 13.448 | 13.425 | 13.517 | VV | 1085615 | 14082279 | 56.76%  | 9.312%  |
| 193 | 13.533 | 13.517 | 13.545 | VV | 2539    | 31884    | 0.13%   | 0.021%  |
| 194 | 13.579 | 13.545 | 13.595 | VV | 59763   | 787397   | 3.17%   | 0.521%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.618 | 13.595 | 13.692 | VV | 247901 | 3597879 | 14.50% | 2.379% |
| 196 | 13.707 | 13.692 | 13.726 | VV | 4521   | 64244   | 0.26%  | 0.042% |
| 197 | 13.788 | 13.726 | 13.849 | VV | 17712  | 348147  | 1.40%  | 0.230% |
| 198 | 13.908 | 13.849 | 13.938 | VV | 17683  | 306906  | 1.24%  | 0.203% |
| 199 | 13.951 | 13.938 | 13.991 | VV | 2223   | 44601   | 0.18%  | 0.029% |
| 200 | 14.014 | 13.991 | 14.034 | VV | 4714   | 78927   | 0.32%  | 0.052% |
| 201 | 14.050 | 14.034 | 14.071 | VV | 5063   | 72258   | 0.29%  | 0.048% |
| 202 | 14.093 | 14.071 | 14.116 | VV | 2221   | 41758   | 0.17%  | 0.028% |
| 203 | 14.153 | 14.116 | 14.165 | VV | 8728   | 141573  | 0.57%  | 0.094% |
| 204 | 14.185 | 14.165 | 14.211 | VV | 14430  | 262737  | 1.06%  | 0.174% |
| 205 | 14.260 | 14.211 | 14.299 | VV | 12547  | 316098  | 1.27%  | 0.209% |
| 206 | 14.315 | 14.299 | 14.331 | VV | 1601   | 21490   | 0.09%  | 0.014% |
| 207 | 14.357 | 14.331 | 14.370 | VV | 3571   | 54059   | 0.22%  | 0.036% |
| 208 | 14.380 | 14.370 | 14.391 | VV | 3337   | 36709   | 0.15%  | 0.024% |
| 209 | 14.430 | 14.391 | 14.474 | VV | 20749  | 522666  | 2.11%  | 0.346% |
| 210 | 14.484 | 14.474 | 14.500 | VV | 2862   | 33919   | 0.14%  | 0.022% |
| 211 | 14.553 | 14.500 | 14.574 | VV | 6247   | 179403  | 0.72%  | 0.119% |
| 212 | 14.601 | 14.574 | 14.619 | VV | 14004  | 236097  | 0.95%  | 0.156% |
| 213 | 14.636 | 14.619 | 14.686 | VV | 9789   | 220250  | 0.89%  | 0.146% |
| 214 | 14.713 | 14.686 | 14.740 | VV | 12109  | 230694  | 0.93%  | 0.153% |
| 215 | 14.767 | 14.740 | 14.801 | VV | 33984  | 542577  | 2.19%  | 0.359% |
| 216 | 14.824 | 14.801 | 14.852 | VV | 19662  | 298387  | 1.20%  | 0.197% |
| 217 | 14.876 | 14.852 | 14.902 | VV | 19319  | 250658  | 1.01%  | 0.166% |
| 218 | 14.936 | 14.902 | 14.980 | VV | 4624   | 112552  | 0.45%  | 0.074% |
| 219 | 14.999 | 14.980 | 15.020 | VV | 1516   | 24664   | 0.10%  | 0.016% |
| 220 | 15.039 | 15.020 | 15.048 | VV | 1358   | 18185   | 0.07%  | 0.012% |
| 221 | 15.060 | 15.048 | 15.070 | VV | 1599   | 18604   | 0.07%  | 0.012% |
| 222 | 15.080 | 15.070 | 15.114 | VV | 1606   | 31144   | 0.13%  | 0.021% |
| 223 | 15.138 | 15.114 | 15.156 | VV | 3282   | 48506   | 0.20%  | 0.032% |
| 224 | 15.185 | 15.156 | 15.203 | VV | 10835  | 145655  | 0.59%  | 0.096% |
| 225 | 15.234 | 15.203 | 15.274 | VV | 33816  | 650157  | 2.62%  | 0.430% |
| 226 | 15.300 | 15.274 | 15.314 | VV | 2550   | 40576   | 0.16%  | 0.027% |
| 227 | 15.342 | 15.314 | 15.378 | VV | 4145   | 109026  | 0.44%  | 0.072% |
| 228 | 15.394 | 15.378 | 15.409 | VV | 2730   | 38700   | 0.16%  | 0.026% |
| 229 | 15.430 | 15.409 | 15.468 | VV | 2244   | 55053   | 0.22%  | 0.036% |
| 230 | 15.496 | 15.468 | 15.531 | VV | 2123   | 53339   | 0.21%  | 0.035% |
| 231 | 15.554 | 15.531 | 15.601 | VV | 2566   | 60416   | 0.24%  | 0.040% |
| 232 | 15.671 | 15.601 | 15.744 | PV | 13120  | 389073  | 1.57%  | 0.257% |
| 233 | 15.769 | 15.744 | 15.801 | VV | 5162   | 75956   | 0.31%  | 0.050% |
| 234 | 15.827 | 15.801 | 15.880 | VV | 19163  | 368102  | 1.48%  | 0.243% |
| 235 | 15.897 | 15.880 | 15.927 | VV | 2899   | 40310   | 0.16%  | 0.027% |
| 236 | 15.998 | 15.927 | 16.006 | PV | 2376   | 52982   | 0.21%  | 0.035% |
| 237 | 16.022 | 16.006 | 16.073 | VV | 3086   | 58164   | 0.23%  | 0.038% |
| 238 | 16.098 | 16.073 | 16.114 | VV | 1210   | 14810   | 0.06%  | 0.010% |
| 239 | 16.161 | 16.114 | 16.170 | VV | 1201   | 23190   | 0.09%  | 0.015% |
| 240 | 16.189 | 16.170 | 16.208 | VV | 2093   | 34517   | 0.14%  | 0.023% |
| 241 | 16.217 | 16.208 | 16.240 | VV | 1422   | 23638   | 0.10%  | 0.016% |
| 242 | 16.271 | 16.240 | 16.311 | VV | 4322   | 99110   | 0.40%  | 0.066% |
| 243 | 16.330 | 16.311 | 16.419 | VV | 3497   | 74582   | 0.30%  | 0.049% |
| 244 | 16.463 | 16.419 | 16.491 | PV | 2426   | 63815   | 0.26%  | 0.042% |
| 245 | 16.497 | 16.491 | 16.510 | VV | 1599   | 14283   | 0.06%  | 0.009% |
| 246 | 16.566 | 16.510 | 16.592 | VV | 3244   | 95838   | 0.39%  | 0.063% |

|     |        |        |        |    | rteres |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 247 | 16.608 | 16.592 | 16.621 | VV | 2267   | 30384   | 0.12% | 0.020% |
| 248 | 16.666 | 16.621 | 16.693 | VV | 4128   | 120431  | 0.49% | 0.080% |
| 249 | 16.743 | 16.693 | 16.789 | VV | 14591  | 366355  | 1.48% | 0.242% |
| 250 | 16.813 | 16.789 | 16.846 | VV | 7948   | 158533  | 0.64% | 0.105% |
| 251 | 16.873 | 16.846 | 16.894 | VV | 5148   | 107115  | 0.43% | 0.071% |
| 252 | 16.928 | 16.894 | 16.944 | VV | 3357   | 90891   | 0.37% | 0.060% |
| 253 | 16.970 | 16.944 | 16.998 | VV | 3616   | 98453   | 0.40% | 0.065% |
| 254 | 17.061 | 16.998 | 17.090 | VV | 9913   | 274991  | 1.11% | 0.182% |
| 255 | 17.120 | 17.090 | 17.160 | VV | 11904  | 233411  | 0.94% | 0.154% |
| 256 | 17.220 | 17.160 | 17.244 | VV | 10663  | 281745  | 1.14% | 0.186% |
| 257 | 17.271 | 17.244 | 17.300 | VV | 6582   | 191373  | 0.77% | 0.127% |
| 258 | 17.366 | 17.300 | 17.399 | VV | 5541   | 281905  | 1.14% | 0.186% |
| 259 | 17.438 | 17.399 | 17.449 | VV | 5910   | 159973  | 0.64% | 0.106% |
| 260 | 17.482 | 17.449 | 17.510 | VV | 7166   | 236495  | 0.95% | 0.156% |
| 261 | 17.532 | 17.510 | 17.561 | VV | 7317   | 198490  | 0.80% | 0.131% |
| 262 | 17.568 | 17.561 | 17.577 | VV | 6118   | 55382   | 0.22% | 0.037% |
| 263 | 17.589 | 17.577 | 17.598 | VV | 6134   | 76313   | 0.31% | 0.050% |
| 264 | 17.619 | 17.598 | 17.626 | VV | 8238   | 129439  | 0.52% | 0.086% |
| 265 | 17.668 | 17.626 | 17.690 | VV | 11135  | 349127  | 1.41% | 0.231% |
| 266 | 17.709 | 17.690 | 17.724 | VV | 8394   | 159495  | 0.64% | 0.105% |
| 267 | 17.737 | 17.724 | 17.759 | VV | 8090   | 160016  | 0.64% | 0.106% |
| 268 | 17.787 | 17.759 | 17.811 | VV | 10007  | 261415  | 1.05% | 0.173% |
| 269 | 17.845 | 17.811 | 17.885 | VV | 8444   | 356477  | 1.44% | 0.236% |
| 270 | 17.895 | 17.885 | 17.904 | VV | 8322   | 92295   | 0.37% | 0.061% |
| 271 | 17.913 | 17.904 | 17.924 | VV | 8025   | 94472   | 0.38% | 0.062% |
| 272 | 17.944 | 17.924 | 17.978 | VV | 8782   | 266533  | 1.07% | 0.176% |
| 273 | 18.019 | 17.978 | 18.030 | VV | 10125  | 287680  | 1.16% | 0.190% |
| 274 | 18.106 | 18.030 | 18.132 | VV | 17442  | 729903  | 2.94% | 0.483% |
| 275 | 18.161 | 18.132 | 18.173 | VV | 11488  | 258887  | 1.04% | 0.171% |
| 276 | 18.196 | 18.173 | 18.208 | VV | 11347  | 227799  | 0.92% | 0.151% |
| 277 | 18.216 | 18.208 | 18.221 | VV | 11370  | 88089   | 0.36% | 0.058% |
| 278 | 18.258 | 18.221 | 18.322 | VV | 17006  | 817818  | 3.30% | 0.541% |
| 279 | 18.341 | 18.322 | 18.370 | VV | 12364  | 344545  | 1.39% | 0.228% |
| 280 | 18.397 | 18.370 | 18.411 | VV | 13973  | 312453  | 1.26% | 0.207% |
| 281 | 18.432 | 18.411 | 18.447 | VV | 15453  | 301735  | 1.22% | 0.200% |
| 282 | 18.491 | 18.447 | 18.508 | VV | 21534  | 622888  | 2.51% | 0.412% |
| 283 | 18.525 | 18.508 | 18.559 | VV | 25290  | 615826  | 2.48% | 0.407% |
| 284 | 18.571 | 18.559 | 18.591 | VV | 15399  | 282041  | 1.14% | 0.187% |
| 285 | 18.626 | 18.591 | 18.643 | VV | 20472  | 542378  | 2.19% | 0.359% |
| 286 | 18.656 | 18.643 | 18.701 | VV | 18176  | 579367  | 2.34% | 0.383% |
| 287 | 18.741 | 18.701 | 18.771 | VV | 22658  | 758813  | 3.06% | 0.502% |
| 288 | 18.779 | 18.771 | 18.784 | VV | 17226  | 129016  | 0.52% | 0.085% |
| 289 | 18.791 | 18.784 | 18.806 | VV | 17363  | 228585  | 0.92% | 0.151% |
| 290 | 18.877 | 18.806 | 18.890 | VV | 18494  | 894238  | 3.60% | 0.591% |
| 291 | 18.937 | 18.890 | 18.983 | VV | 28039  | 1189616 | 4.79% | 0.787% |
| 292 | 18.999 | 18.983 | 19.016 | VV | 20343  | 392921  | 1.58% | 0.260% |
| 293 | 19.049 | 19.016 | 19.066 | VV | 24878  | 666210  | 2.69% | 0.441% |
| 294 | 19.098 | 19.066 | 19.157 | VV | 25787  | 1256319 | 5.06% | 0.831% |
| 295 | 19.179 | 19.157 | 19.198 | VV | 24226  | 576168  | 2.32% | 0.381% |
| 296 | 19.222 | 19.198 | 19.244 | VV | 25076  | 677932  | 2.73% | 0.448% |
| 297 | 19.259 | 19.244 | 19.271 | VV | 25527  | 400793  | 1.62% | 0.265% |
| 298 | 19.280 | 19.271 | 19.291 | VV | 25105  | 298741  | 1.20% | 0.198% |
| 299 | 19.333 | 19.291 | 19.364 | VV | 37674  | 1381852 | 5.57% | 0.914% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    |                         | rteres  |           |        |
| 300 | 19.373 | 19.364 | 19.396 | VV | 29900                   | 545415  | 2.20%     | 0.361% |
| 301 | 19.453 | 19.396 | 19.493 | VV | 30973                   | 1710809 | 6.90%     | 1.131% |
| 302 | 19.542 | 19.493 | 19.552 | VV | 30683                   | 1052489 | 4.24%     | 0.696% |
| 303 | 19.612 | 19.552 | 19.621 | VV | 32585                   | 1294877 | 5.22%     | 0.856% |
| 304 | 19.650 | 19.621 | 19.660 | VV | 32864                   | 747503  | 3.01%     | 0.494% |
| 305 | 19.722 | 19.660 | 19.740 | VV | 40200                   | 1695395 | 6.83%     | 1.121% |
| 306 | 19.758 | 19.740 | 19.773 | VV | 37969                   | 747408  | 3.01%     | 0.494% |
| 307 | 19.787 | 19.773 | 19.804 | VV | 38230                   | 695010  | 2.80%     | 0.460% |
| 308 | 19.848 | 19.804 | 19.864 | VV | 39544                   | 1387060 | 5.59%     | 0.917% |
| 309 | 19.898 | 19.864 | 19.934 | VV | 40960                   | 1648232 | 6.64%     | 1.090% |
| 310 | 19.962 | 19.934 | 19.973 | VV | 41763                   | 954087  | 3.85%     | 0.631% |
| 311 | 20.093 | 19.973 | 20.128 | VV | 50807                   | 4115903 | 16.59%    | 2.722% |
| 312 | 20.144 | 20.128 | 20.211 | VV | 47780                   | 2316260 | 9.34%     | 1.532% |
| 313 | 20.275 | 20.211 | 20.314 | VV | 52861                   | 3123290 | 12.59%    | 2.065% |
| 314 | 20.376 | 20.314 | 20.405 | VV | 56020                   | 2907308 | 11.72%    | 1.922% |
| 315 | 20.465 | 20.405 | 20.492 | VV | 60889                   | 2966950 | 11.96%    | 1.962% |
| 316 | 20.536 | 20.492 | 20.553 | VV | 61636                   | 2188093 | 8.82%     | 1.447% |
| 317 | 20.624 | 20.553 | 20.662 | VV | 65671                   | 4123587 | 16.62%    | 2.727% |
| 318 | 20.677 | 20.662 | 20.718 | VV | 65864                   | 2181035 | 8.79%     | 1.442% |
| 319 | 20.732 | 20.718 | 20.748 | VV | 65901                   | 1180236 | 4.76%     | 0.780% |
| 320 | 20.825 | 20.748 | 20.889 | VV | 72896                   | 5827784 | 23.49%    | 3.854% |
| 321 | 20.897 | 20.889 | 20.910 | VV | 68742                   | 869495  | 3.50%     | 0.575% |
| 322 | 20.927 | 20.910 | 20.951 | VV | 69942                   | 1659253 | 6.69%     | 1.097% |
| 323 | 20.962 | 20.951 | 20.991 | VV | 68412                   | 1626900 | 6.56%     | 1.076% |
| 324 | 21.028 | 20.991 | 21.065 | VV | 67666                   | 2970404 | 11.97%    | 1.964% |
| 325 | 21.082 | 21.065 | 21.114 | VV | 68829                   | 1999929 | 8.06%     | 1.322% |
| 326 | 21.125 | 21.114 | 21.148 | VV | 67649                   | 1341298 | 5.41%     | 0.887% |
| 327 | 21.163 | 21.148 | 21.180 | VV | 66502                   | 1289049 | 5.20%     | 0.852% |
| 328 | 21.205 | 21.180 | 21.227 | VV | 68427                   | 1855721 | 7.48%     | 1.227% |
| 329 | 21.241 | 21.227 | 21.285 | VV | 65716                   | 2287916 | 9.22%     | 1.513% |
| 330 | 21.303 | 21.285 | 21.327 | VV | 66008                   | 1657613 | 6.68%     | 1.096% |
| 331 | 21.352 | 21.327 | 21.376 | VV | 65878                   | 1923216 | 7.75%     | 1.272% |
| 332 | 21.401 | 21.376 | 21.438 | VV | 65641                   | 2403303 | 9.69%     | 1.589% |
|     |        |        |        |    | Sum of corrected areas: |         | 151225677 |        |

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