

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012425AL\  
Data File : FE052036.D  
Signal(s) : FID1B.ch  
Acq On : 24 Jan 2025 07:46  
Sample : Q1154-01DL 5X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011625.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         | 3.228       | 3.205        | 3.248      | BV       | 76             | 201          | 0.00%          | 0.000%        |
| 2         | 3.264       | 3.248        | 3.318      | PV       | 44             | -308         | -0.00%         | -0.000%       |
| 3         | 3.326       | 3.318        | 3.345      | PV       | 38             | -379         | -0.00%         | -0.000%       |
| 4         | 3.389       | 3.345        | 3.408      | PV       | 91             | 389          | 0.00%          | 0.000%        |
| 5         | 3.418       | 3.408        | 3.454      | VV       | 127            | 1081         | 0.00%          | 0.000%        |
| 6         | 3.477       | 3.454        | 3.504      | PV       | 121            | 1763         | 0.00%          | 0.000%        |
| 7         | 3.541       | 3.504        | 3.624      | PV       | 595            | 13681        | 0.03%          | 0.001%        |
| 8         | 3.649       | 3.624        | 3.671      | VV       | 358            | 5013         | 0.01%          | 0.000%        |
| 9         | 3.683       | 3.671        | 3.731      | VV       | 239            | 3956         | 0.01%          | 0.000%        |
| 10        | 3.754       | 3.731        | 3.805      | VV       | 343            | 6053         | 0.01%          | 0.001%        |
| 11        | 3.892       | 3.805        | 3.936      | VV       | 395            | 13360        | 0.03%          | 0.001%        |
| 12        | 4.000       | 3.936        | 4.011      | VV       | 196            | 4422         | 0.01%          | 0.000%        |
| 13        | 4.040       | 4.011        | 4.097      | VV       | 29909          | 286572       | 0.60%          | 0.027%        |
| 14        | 4.133       | 4.097        | 4.151      | VV       | 881            | 11950        | 0.03%          | 0.001%        |
| 15        | 4.191       | 4.151        | 4.221      | VV       | 4043           | 46689        | 0.10%          | 0.004%        |
| 16        | 4.244       | 4.221        | 4.297      | VV       | 580            | 13048        | 0.03%          | 0.001%        |
| 17        | 4.337       | 4.297        | 4.415      | VV       | 2301           | 36647        | 0.08%          | 0.003%        |
| 18        | 4.438       | 4.415        | 4.452      | VV       | 467            | 5591         | 0.01%          | 0.001%        |
| 19        | 4.469       | 4.452        | 4.483      | VV       | 632            | 7722         | 0.02%          | 0.001%        |
| 20        | 4.491       | 4.483        | 4.505      | VV       | 459            | 4659         | 0.01%          | 0.000%        |
| 21        | 4.519       | 4.505        | 4.531      | VV       | 447            | 5594         | 0.01%          | 0.001%        |
| 22        | 4.541       | 4.531        | 4.552      | VV       | 365            | 3700         | 0.01%          | 0.000%        |
| 23        | 4.563       | 4.552        | 4.578      | VV       | 344            | 4677         | 0.01%          | 0.000%        |
| 24        | 4.592       | 4.578        | 4.604      | VV       | 4867           | 42962        | 0.09%          | 0.004%        |
| 25        | 4.614       | 4.604        | 4.686      | VV       | 3864           | 74181        | 0.16%          | 0.007%        |
| 26        | 4.699       | 4.686        | 4.783      | VV       | 675            | 19078        | 0.04%          | 0.002%        |
| 27        | 4.805       | 4.783        | 4.813      | VV       | 218            | 3002         | 0.01%          | 0.000%        |
| 28        | 4.838       | 4.813        | 4.850      | VV       | 492            | 7886         | 0.02%          | 0.001%        |
| 29        | 4.867       | 4.850        | 4.888      | VV       | 2692           | 30832        | 0.06%          | 0.003%        |
| 30        | 4.907       | 4.888        | 4.940      | VV       | 2537           | 36361        | 0.08%          | 0.003%        |
| 31        | 4.977       | 4.940        | 4.998      | VV       | 1190           | 23346        | 0.05%          | 0.002%        |
| 32        | 5.023       | 4.998        | 5.041      | VV       | 4460           | 50405        | 0.11%          | 0.005%        |
| 33        | 5.059       | 5.041        | 5.094      | VV       | 2220           | 36217        | 0.08%          | 0.003%        |
| 34        | 5.130       | 5.094        | 5.149      | VV       | 6753           | 73621        | 0.16%          | 0.007%        |
| 35        | 5.159       | 5.149        | 5.204      | VV       | 1067           | 18629        | 0.04%          | 0.002%        |
| 36        | 5.221       | 5.204        | 5.242      | VV       | 459            | 9058         | 0.02%          | 0.001%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.271 | 5.242 | 5.304 | VV | 4648   | 55478  | 0.12% | 0.005% |
| 38 | 5.319 | 5.304 | 5.340 | VV | 681    | 11498  | 0.02% | 0.001% |
| 39 | 5.361 | 5.340 | 5.385 | VV | 540    | 11307  | 0.02% | 0.001% |
| 40 | 5.404 | 5.385 | 5.418 | VV | 589    | 9369   | 0.02% | 0.001% |
| 41 | 5.429 | 5.418 | 5.445 | VV | 883    | 10411  | 0.02% | 0.001% |
| 42 | 5.455 | 5.445 | 5.505 | VV | 698    | 16575  | 0.03% | 0.002% |
| 43 | 5.523 | 5.505 | 5.535 | VV | 3120   | 30945  | 0.07% | 0.003% |
| 44 | 5.551 | 5.535 | 5.581 | VV | 5577   | 62812  | 0.13% | 0.006% |
| 45 | 5.603 | 5.581 | 5.628 | VV | 916    | 18909  | 0.04% | 0.002% |
| 46 | 5.642 | 5.628 | 5.673 | VV | 933    | 18483  | 0.04% | 0.002% |
| 47 | 5.689 | 5.673 | 5.699 | VV | 1035   | 12318  | 0.03% | 0.001% |
| 48 | 5.710 | 5.699 | 5.733 | VV | 1031   | 16654  | 0.04% | 0.002% |
| 49 | 5.744 | 5.733 | 5.760 | VV | 654    | 8334   | 0.02% | 0.001% |
| 50 | 5.779 | 5.760 | 5.801 | VV | 1023   | 15814  | 0.03% | 0.001% |
| 51 | 5.829 | 5.801 | 5.871 | VV | 1152   | 29312  | 0.06% | 0.003% |
| 52 | 5.890 | 5.871 | 5.902 | VV | 962    | 14585  | 0.03% | 0.001% |
| 53 | 5.916 | 5.902 | 5.943 | VV | 1265   | 20627  | 0.04% | 0.002% |
| 54 | 5.974 | 5.943 | 5.996 | VV | 5222   | 60314  | 0.13% | 0.006% |
| 55 | 6.021 | 5.996 | 6.039 | VV | 2266   | 32872  | 0.07% | 0.003% |
| 56 | 6.104 | 6.039 | 6.151 | VV | 34412  | 740173 | 1.56% | 0.070% |
| 57 | 6.161 | 6.151 | 6.177 | VV | 891    | 12203  | 0.03% | 0.001% |
| 58 | 6.224 | 6.177 | 6.244 | VV | 2573   | 55639  | 0.12% | 0.005% |
| 59 | 6.261 | 6.244 | 6.296 | VV | 4216   | 57199  | 0.12% | 0.005% |
| 60 | 6.319 | 6.296 | 6.356 | VV | 2606   | 54144  | 0.11% | 0.005% |
| 61 | 6.384 | 6.356 | 6.398 | VV | 2975   | 42360  | 0.09% | 0.004% |
| 62 | 6.413 | 6.398 | 6.476 | VV | 3556   | 81526  | 0.17% | 0.008% |
| 63 | 6.498 | 6.476 | 6.526 | VV | 6255   | 83556  | 0.18% | 0.008% |
| 64 | 6.547 | 6.526 | 6.557 | VV | 1902   | 29434  | 0.06% | 0.003% |
| 65 | 6.570 | 6.557 | 6.586 | VV | 2290   | 32879  | 0.07% | 0.003% |
| 66 | 6.602 | 6.586 | 6.614 | VV | 2818   | 37426  | 0.08% | 0.004% |
| 67 | 6.638 | 6.614 | 6.664 | VV | 2589   | 65621  | 0.14% | 0.006% |
| 68 | 6.685 | 6.664 | 6.695 | VV | 2140   | 34394  | 0.07% | 0.003% |
| 69 | 6.706 | 6.695 | 6.716 | VV | 2204   | 25202  | 0.05% | 0.002% |
| 70 | 6.738 | 6.716 | 6.761 | VV | 29393  | 304037 | 0.64% | 0.029% |
| 71 | 6.772 | 6.761 | 6.789 | VV | 3769   | 54461  | 0.11% | 0.005% |
| 72 | 6.814 | 6.789 | 6.841 | VV | 3534   | 88311  | 0.19% | 0.008% |
| 73 | 6.877 | 6.841 | 6.898 | VV | 3074   | 79094  | 0.17% | 0.007% |
| 74 | 6.919 | 6.898 | 6.933 | VV | 2005   | 38487  | 0.08% | 0.004% |
| 75 | 6.976 | 6.933 | 6.993 | VV | 3427   | 97902  | 0.21% | 0.009% |
| 76 | 7.032 | 6.993 | 7.072 | VV | 6233   | 165370 | 0.35% | 0.016% |
| 77 | 7.106 | 7.072 | 7.127 | VV | 3617   | 92100  | 0.19% | 0.009% |
| 78 | 7.149 | 7.127 | 7.168 | VV | 3833   | 79232  | 0.17% | 0.008% |
| 79 | 7.185 | 7.168 | 7.199 | VV | 4859   | 76058  | 0.16% | 0.007% |
| 80 | 7.222 | 7.199 | 7.235 | VV | 4595   | 87251  | 0.18% | 0.008% |
| 81 | 7.248 | 7.235 | 7.282 | VV | 4355   | 106814 | 0.22% | 0.010% |
| 82 | 7.318 | 7.282 | 7.343 | VV | 6927   | 168965 | 0.36% | 0.016% |
| 83 | 7.387 | 7.343 | 7.406 | VV | 6086   | 183521 | 0.39% | 0.017% |
| 84 | 7.455 | 7.406 | 7.477 | VV | 8333   | 242103 | 0.51% | 0.023% |
| 85 | 7.493 | 7.477 | 7.500 | VV | 5884   | 76677  | 0.16% | 0.007% |
| 86 | 7.523 | 7.500 | 7.536 | VV | 7752   | 142214 | 0.30% | 0.013% |
| 87 | 7.556 | 7.536 | 7.583 | VV | 10034  | 226101 | 0.48% | 0.021% |
| 88 | 7.607 | 7.583 | 7.635 | VV | 9463   | 261540 | 0.55% | 0.025% |
| 89 | 7.648 | 7.635 | 7.664 | VV | 8312   | 137440 | 0.29% | 0.013% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 90     | 7.683  | 7.664  | 7.693  | VV | 10244  | 160340  | 0.34%  | 0.015% |
| 91     | 7.716  | 7.693  | 7.734  | VV | 10842  | 239328  | 0.50%  | 0.023% |
| 92     | 7.767  | 7.734  | 7.803  | VV | 11247  | 411817  | 0.87%  | 0.039% |
| 93     | 7.811  | 7.803  | 7.828  | VV | 9649   | 134509  | 0.28%  | 0.013% |
| 94     | 7.860  | 7.828  | 7.878  | VV | 13650  | 322239  | 0.68%  | 0.031% |
| 95     | 7.897  | 7.878  | 7.920  | VV | 12752  | 285110  | 0.60%  | 0.027% |
| 96     | 7.966  | 7.920  | 7.986  | VV | 19768  | 566896  | 1.19%  | 0.054% |
| 97     | 8.001  | 7.986  | 8.047  | VV | 14860  | 500648  | 1.05%  | 0.047% |
| 98     | 8.073  | 8.047  | 8.081  | VV | 14353  | 280923  | 0.59%  | 0.027% |
| 99     | 8.114  | 8.081  | 8.126  | VV | 16469  | 410932  | 0.87%  | 0.039% |
| 100    | 8.176  | 8.126  | 8.201  | VV | 21821  | 845088  | 1.78%  | 0.080% |
| 101    | 8.217  | 8.201  | 8.230  | VV | 15839  | 270279  | 0.57%  | 0.026% |
| 102    | 8.292  | 8.230  | 8.346  | VV | 125993 | 2361662 | 4.97%  | 0.224% |
| 103    | 8.375  | 8.346  | 8.395  | VV | 24590  | 611334  | 1.29%  | 0.058% |
| 104    | 8.418  | 8.395  | 8.436  | VV | 31031  | 666032  | 1.40%  | 0.063% |
| 105    | 8.449  | 8.436  | 8.459  | VV | 28354  | 372686  | 0.78%  | 0.035% |
| 106    | 8.469  | 8.459  | 8.481  | VV | 28319  | 374271  | 0.79%  | 0.035% |
| 107    | 8.494  | 8.481  | 8.511  | VV | 29133  | 461793  | 0.97%  | 0.044% |
| 108    | 8.562  | 8.511  | 8.576  | VV | 31462  | 1140154 | 2.40%  | 0.108% |
| 109    | 8.597  | 8.576  | 8.639  | VV | 45288  | 1319200 | 2.78%  | 0.125% |
| 110    | 8.664  | 8.639  | 8.685  | VV | 44387  | 1004310 | 2.11%  | 0.095% |
| 111    | 8.704  | 8.685  | 8.717  | VV | 37076  | 680408  | 1.43%  | 0.064% |
| 112    | 8.759  | 8.717  | 8.775  | VV | 39901  | 1311765 | 2.76%  | 0.124% |
| 113    | 8.788  | 8.775  | 8.800  | VV | 39895  | 569537  | 1.20%  | 0.054% |
| 114    | 8.842  | 8.800  | 8.861  | VV | 63189  | 1712899 | 3.61%  | 0.162% |
| 115    | 8.882  | 8.861  | 8.913  | VV | 46477  | 1404208 | 2.96%  | 0.133% |
| 116    | 8.950  | 8.913  | 8.972  | VV | 52441  | 1720714 | 3.62%  | 0.163% |
| 117    | 9.024  | 8.972  | 9.056  | VV | 84515  | 3135760 | 6.60%  | 0.297% |
| 118    | 9.077  | 9.056  | 9.102  | VV | 70559  | 1685649 | 3.55%  | 0.160% |
| 119    | 9.130  | 9.102  | 9.155  | VV | 71575  | 2073216 | 4.37%  | 0.196% |
| 120    | 9.171  | 9.155  | 9.189  | VV | 119502 | 1834806 | 3.86%  | 0.174% |
| 121    | 9.211  | 9.189  | 9.229  | VV | 79931  | 1692580 | 3.56%  | 0.160% |
| 122    | 9.256  | 9.229  | 9.264  | VV | 96261  | 1749391 | 3.68%  | 0.166% |
| 123    | 9.277  | 9.264  | 9.303  | VV | 105361 | 2131031 | 4.49%  | 0.202% |
| 124    | 9.322  | 9.303  | 9.343  | VV | 116897 | 2345412 | 4.94%  | 0.222% |
| 125    | 9.381  | 9.343  | 9.405  | VV | 144533 | 3943509 | 8.30%  | 0.373% |
| 126    | 9.426  | 9.405  | 9.443  | VV | 97199  | 2020075 | 4.25%  | 0.191% |
| 127    | 9.466  | 9.443  | 9.482  | VV | 109547 | 2296207 | 4.84%  | 0.217% |
| 128    | 9.531  | 9.482  | 9.572  | VV | 109574 | 5579095 | 11.75% | 0.528% |
| 129    | 9.595  | 9.572  | 9.631  | VV | 164709 | 4471636 | 9.42%  | 0.423% |
| 130    | 9.663  | 9.631  | 9.694  | VV | 136217 | 4532126 | 9.54%  | 0.429% |
| 131    | 9.749  | 9.694  | 9.789  | VV | 147647 | 7218159 | 15.20% | 0.683% |
| 132    | 9.805  | 9.789  | 9.815  | VV | 134751 | 1967522 | 4.14%  | 0.186% |
| 133    | 9.837  | 9.815  | 9.865  | VV | 141302 | 3921964 | 8.26%  | 0.371% |
| 134    | 9.890  | 9.865  | 9.903  | VV | 152541 | 3228065 | 6.80%  | 0.306% |
| 135    | 9.917  | 9.903  | 9.927  | VV | 154976 | 2200401 | 4.63%  | 0.208% |
| 136    | 9.939  | 9.927  | 9.951  | VV | 156923 | 2141696 | 4.51%  | 0.203% |
| 137    | 9.965  | 9.951  | 9.979  | VV | 157675 | 2539962 | 5.35%  | 0.240% |
| 138    | 9.998  | 9.979  | 10.013 | VV | 169649 | 3278978 | 6.90%  | 0.310% |
| 139    | 10.047 | 10.013 | 10.061 | VV | 199127 | 5268123 | 11.09% | 0.499% |
| 140    | 10.078 | 10.061 | 10.103 | VV | 241101 | 5048476 | 10.63% | 0.478% |
| 141    | 10.124 | 10.103 | 10.145 | VV | 199682 | 4649108 | 9.79%  | 0.440% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 10.164 | 10.145 | 10.180 | VV | 202141 | 4108455  | 8.65%   | 0.389% |
| 143    | 10.196 | 10.180 | 10.207 | VV | 194949 | 3069331  | 6.46%   | 0.291% |
| 144    | 10.222 | 10.207 | 10.257 | VV | 209415 | 5830514  | 12.28%  | 0.552% |
| 145    | 10.287 | 10.257 | 10.309 | VV | 210352 | 6167216  | 12.99%  | 0.584% |
| 146    | 10.416 | 10.309 | 10.424 | VV | 245772 | 15187574 | 31.98%  | 1.438% |
| 147    | 10.440 | 10.424 | 10.457 | VV | 275418 | 5005834  | 10.54%  | 0.474% |
| 148    | 10.471 | 10.457 | 10.491 | VV | 250841 | 5024309  | 10.58%  | 0.476% |
| 149    | 10.510 | 10.491 | 10.534 | VV | 272648 | 6628776  | 13.96%  | 0.628% |
| 150    | 10.561 | 10.534 | 10.597 | VV | 269509 | 9893694  | 20.83%  | 0.937% |
| 151    | 10.724 | 10.597 | 10.747 | VV | 301849 | 24584415 | 51.77%  | 2.328% |
| 152    | 10.785 | 10.747 | 10.797 | VV | 331850 | 9167003  | 19.30%  | 0.868% |
| 153    | 10.832 | 10.797 | 10.862 | VV | 465653 | 14622575 | 30.79%  | 1.384% |
| 154    | 10.881 | 10.862 | 10.892 | VV | 358546 | 6124742  | 12.90%  | 0.580% |
| 155    | 10.917 | 10.892 | 10.948 | VV | 366928 | 11879671 | 25.02%  | 1.125% |
| 156    | 10.976 | 10.948 | 11.020 | VV | 391077 | 15807910 | 33.29%  | 1.497% |
| 157    | 11.031 | 11.020 | 11.050 | VV | 351464 | 6315213  | 13.30%  | 0.598% |
| 158    | 11.110 | 11.050 | 11.144 | VV | 416006 | 21490634 | 45.25%  | 2.035% |
| 159    | 11.181 | 11.144 | 11.203 | VV | 472323 | 14772184 | 31.11%  | 1.399% |
| 160    | 11.253 | 11.203 | 11.280 | VV | 738667 | 24006166 | 50.55%  | 2.273% |
| 161    | 11.297 | 11.280 | 11.321 | VV | 491278 | 11494284 | 24.20%  | 1.088% |
| 162    | 11.327 | 11.321 | 11.351 | VV | 438708 | 7828124  | 16.48%  | 0.741% |
| 163    | 11.391 | 11.351 | 11.407 | VV | 463036 | 14799079 | 31.16%  | 1.401% |
| 164    | 11.466 | 11.452 | 11.481 | VV | 488157 | 8170023  | 17.20%  | 0.774% |
| 165    | 11.578 | 11.540 | 11.655 | VV | 525360 | 34764263 | 73.20%  | 3.291% |
| 166    | 11.736 | 11.716 | 11.763 | VV | 548269 | 15132154 | 31.86%  | 1.433% |
| 167    | 11.880 | 11.805 | 11.900 | VV | 613960 | 32513485 | 68.47%  | 3.078% |
| 168    | 12.045 | 12.033 | 12.069 | VV | 554619 | 11889962 | 25.04%  | 1.126% |
| 169    | 12.208 | 12.106 | 12.240 | VV | 659345 | 47488976 | 100.00% | 4.496% |
| 170    | 12.292 | 12.286 | 12.337 | VV | 587045 | 17915727 | 37.73%  | 1.696% |
| 171    | 12.406 | 12.388 | 12.421 | VV | 612356 | 11922472 | 25.11%  | 1.129% |
| 172    | 12.471 | 12.459 | 12.491 | VV | 594907 | 11303739 | 23.80%  | 1.070% |
| 173    | 12.634 | 12.611 | 12.645 | VV | 584440 | 11555008 | 24.33%  | 1.094% |
| 174    | 12.748 | 12.718 | 12.761 | VV | 545212 | 13916511 | 29.30%  | 1.318% |
| 175    | 12.818 | 12.795 | 12.831 | VV | 560841 | 11698843 | 24.63%  | 1.108% |
| 176    | 12.942 | 12.927 | 12.971 | VV | 529849 | 13551749 | 28.54%  | 1.283% |
| 177    | 12.983 | 12.971 | 13.033 | VV | 513883 | 18721412 | 39.42%  | 1.773% |
| 178    | 13.052 | 13.033 | 13.086 | VV | 505475 | 15383757 | 32.39%  | 1.457% |
| 179    | 13.104 | 13.086 | 13.141 | VV | 500703 | 15933712 | 33.55%  | 1.509% |
| 180    | 13.182 | 13.141 | 13.202 | VV | 506603 | 17486650 | 36.82%  | 1.656% |
| 181    | 13.216 | 13.202 | 13.234 | VV | 455524 | 8403814  | 17.70%  | 0.796% |
| 182    | 13.252 | 13.234 | 13.311 | VV | 454658 | 20295164 | 42.74%  | 1.922% |
| 183    | 13.328 | 13.311 | 13.358 | VV | 441393 | 11763646 | 24.77%  | 1.114% |
| 184    | 13.371 | 13.358 | 13.389 | VV | 394992 | 7172648  | 15.10%  | 0.679% |
| 185    | 13.409 | 13.389 | 13.417 | VV | 389247 | 6377368  | 13.43%  | 0.604% |
| 186    | 13.425 | 13.417 | 13.440 | VV | 392314 | 5378395  | 11.33%  | 0.509% |
| 187    | 13.457 | 13.440 | 13.487 | VV | 396942 | 11010125 | 23.18%  | 1.042% |
| 188    | 13.506 | 13.487 | 13.527 | VV | 381498 | 8802850  | 18.54%  | 0.833% |
| 189    | 13.545 | 13.527 | 13.584 | VV | 370268 | 12143875 | 25.57%  | 1.150% |
| 190    | 13.624 | 13.584 | 13.653 | VV | 400424 | 15073250 | 31.74%  | 1.427% |
| 191    | 13.675 | 13.653 | 13.699 | VV | 380402 | 9825870  | 20.69%  | 0.930% |
| 192    | 13.712 | 13.699 | 13.748 | VV | 337137 | 9506916  | 20.02%  | 0.900% |
| 193    | 13.754 | 13.748 | 13.773 | VV | 321161 | 4716206  | 9.93%   | 0.447% |
| 194    | 13.787 | 13.773 | 13.805 | VV | 320457 | 5830362  | 12.28%  | 0.552% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 13.838 | 13.805 | 13.943 | VV | 383075 | 24936935 | 52.51% | 2.361% |
| 196 | 13.959 | 13.943 | 13.969 | VV | 259421 | 4057939  | 8.55%  | 0.384% |
| 197 | 13.974 | 13.969 | 13.988 | VV | 258659 | 2923627  | 6.16%  | 0.277% |
| 198 | 14.014 | 13.988 | 14.040 | VV | 282220 | 8265445  | 17.40% | 0.783% |
| 199 | 14.057 | 14.040 | 14.082 | VV | 256172 | 6339303  | 13.35% | 0.600% |
| 200 | 14.097 | 14.082 | 14.163 | VV | 244554 | 11082780 | 23.34% | 1.049% |
| 201 | 14.217 | 14.163 | 14.244 | VV | 218164 | 10362334 | 21.82% | 0.981% |
| 202 | 14.277 | 14.244 | 14.328 | VV | 213319 | 10084950 | 21.24% | 0.955% |
| 203 | 14.335 | 14.328 | 14.350 | VV | 182311 | 2418003  | 5.09%  | 0.229% |
| 204 | 14.366 | 14.350 | 14.401 | VV | 189234 | 5467212  | 11.51% | 0.518% |
| 205 | 14.428 | 14.401 | 14.497 | VV | 177879 | 9522298  | 20.05% | 0.902% |
| 206 | 14.510 | 14.497 | 14.541 | VV | 154349 | 3902645  | 8.22%  | 0.369% |
| 207 | 14.549 | 14.541 | 14.565 | VV | 145194 | 2016379  | 4.25%  | 0.191% |
| 208 | 14.598 | 14.565 | 14.645 | VV | 166856 | 7334296  | 15.44% | 0.694% |
| 209 | 14.661 | 14.645 | 14.731 | VV | 136465 | 6479225  | 13.64% | 0.613% |
| 210 | 14.771 | 14.731 | 14.885 | VV | 120998 | 10395666 | 21.89% | 0.984% |
| 211 | 14.899 | 14.885 | 14.918 | VV | 102266 | 2010445  | 4.23%  | 0.190% |
| 212 | 14.933 | 14.918 | 14.963 | VV | 104634 | 2688018  | 5.66%  | 0.254% |
| 213 | 14.985 | 14.963 | 15.038 | VV | 102868 | 4309785  | 9.08%  | 0.408% |
| 214 | 15.051 | 15.038 | 15.108 | VV | 94259  | 3692884  | 7.78%  | 0.350% |
| 215 | 15.129 | 15.108 | 15.152 | VV | 88600  | 2255557  | 4.75%  | 0.214% |
| 216 | 15.168 | 15.152 | 15.198 | VV | 85125  | 2288448  | 4.82%  | 0.217% |
| 217 | 15.206 | 15.198 | 15.235 | VV | 82034  | 1720127  | 3.62%  | 0.163% |
| 218 | 15.242 | 15.235 | 15.288 | VV | 76477  | 2350779  | 4.95%  | 0.223% |
| 219 | 15.322 | 15.288 | 15.340 | VV | 75090  | 2294989  | 4.83%  | 0.217% |
| 220 | 15.360 | 15.340 | 15.416 | VV | 72996  | 3194779  | 6.73%  | 0.302% |
| 221 | 15.460 | 15.416 | 15.498 | VV | 71854  | 3376403  | 7.11%  | 0.320% |
| 222 | 15.516 | 15.498 | 15.585 | VV | 72234  | 3425762  | 7.21%  | 0.324% |
| 223 | 15.597 | 15.585 | 15.621 | VV | 63093  | 1349426  | 2.84%  | 0.128% |
| 224 | 15.654 | 15.621 | 15.687 | VV | 65480  | 2459409  | 5.18%  | 0.233% |
| 225 | 15.705 | 15.687 | 15.780 | VV | 64430  | 3371749  | 7.10%  | 0.319% |
| 226 | 15.816 | 15.780 | 15.824 | VV | 60840  | 1531788  | 3.23%  | 0.145% |
| 227 | 15.851 | 15.824 | 15.888 | VV | 64212  | 2373625  | 5.00%  | 0.225% |
| 228 | 15.905 | 15.888 | 15.935 | VV | 61124  | 1648214  | 3.47%  | 0.156% |
| 229 | 16.001 | 15.935 | 16.015 | VV | 62406  | 2849281  | 6.00%  | 0.270% |
| 230 | 16.028 | 16.015 | 16.138 | VV | 66565  | 4187879  | 8.82%  | 0.396% |
| 231 | 16.163 | 16.138 | 16.189 | VV | 58927  | 1746380  | 3.68%  | 0.165% |
| 232 | 16.205 | 16.189 | 16.248 | VV | 57489  | 1962963  | 4.13%  | 0.186% |
| 233 | 16.289 | 16.248 | 16.309 | VV | 57539  | 2015495  | 4.24%  | 0.191% |
| 234 | 16.345 | 16.309 | 16.388 | VV | 57314  | 2655587  | 5.59%  | 0.251% |
| 235 | 16.402 | 16.388 | 16.428 | VV | 56034  | 1311513  | 2.76%  | 0.124% |
| 236 | 16.478 | 16.428 | 16.495 | VV | 55983  | 2170668  | 4.57%  | 0.206% |
| 237 | 16.522 | 16.495 | 16.617 | VV | 59352  | 3836612  | 8.08%  | 0.363% |
| 238 | 16.650 | 16.617 | 16.673 | VV | 54291  | 1741860  | 3.67%  | 0.165% |
| 239 | 16.688 | 16.673 | 16.747 | VV | 53250  | 2279731  | 4.80%  | 0.216% |
| 240 | 16.808 | 16.747 | 16.829 | VV | 53768  | 2531320  | 5.33%  | 0.240% |
| 241 | 16.839 | 16.829 | 16.913 | VV | 52779  | 2556870  | 5.38%  | 0.242% |
| 242 | 16.934 | 16.913 | 16.975 | VV | 50221  | 1807830  | 3.81%  | 0.171% |
| 243 | 16.995 | 16.975 | 17.069 | VV | 51354  | 2716594  | 5.72%  | 0.257% |
| 244 | 17.080 | 17.069 | 17.092 | VV | 45320  | 606400   | 1.28%  | 0.057% |
| 245 | 17.124 | 17.092 | 17.154 | VH | 48415  | 1753277  | 3.69%  | 0.166% |
| 246 | 17.171 | 17.154 | 17.212 | HH | 47889  | 1601027  | 3.37%  | 0.152% |

|     |        |        |        |    |                                    |         |       |        |
|-----|--------|--------|--------|----|------------------------------------|---------|-------|--------|
|     |        |        |        |    | rters                              |         |       |        |
| 247 | 17.233 | 17.212 | 17.246 | HH | 45824                              | 909870  | 1.92% | 0.086% |
| 248 | 17.290 | 17.246 | 17.379 | HV | 47060                              | 3531905 | 7.44% | 0.334% |
| 249 | 17.419 | 17.379 | 17.441 | VV | 44277                              | 1620373 | 3.41% | 0.153% |
| 250 | 17.455 | 17.441 | 17.521 | VV | 44055                              | 1981597 | 4.17% | 0.188% |
| 251 | 17.581 | 17.521 | 17.604 | VV | 41768                              | 2011542 | 4.24% | 0.190% |
| 252 | 17.615 | 17.604 | 17.668 | VV | 41057                              | 1526008 | 3.21% | 0.144% |
| 253 | 17.696 | 17.668 | 17.713 | VV | 39334                              | 1056297 | 2.22% | 0.100% |
| 254 | 17.733 | 17.713 | 17.751 | VV | 39836                              | 888537  | 1.87% | 0.084% |
| 255 | 17.759 | 17.751 | 17.823 | VV | 40116                              | 1652148 | 3.48% | 0.156% |
| 256 | 17.875 | 17.823 | 17.898 | VV | 39444                              | 1677942 | 3.53% | 0.159% |
| 257 | 17.909 | 17.898 | 17.956 | VV | 37408                              | 1242084 | 2.62% | 0.118% |
| 258 | 18.014 | 17.956 | 18.041 | VV | 36632                              | 1793120 | 3.78% | 0.170% |
| 259 | 18.047 | 18.041 | 18.127 | VV | 35198                              | 1737940 | 3.66% | 0.165% |
| 260 | 18.141 | 18.127 | 18.151 | VV | 33897                              | 488834  | 1.03% | 0.046% |
| 261 | 18.181 | 18.151 | 18.221 | VV | 34493                              | 1412681 | 2.97% | 0.134% |
| 262 | 18.237 | 18.221 | 18.255 | VV | 33063                              | 648623  | 1.37% | 0.061% |
| 263 | 18.275 | 18.255 | 18.291 | VV | 32546                              | 694403  | 1.46% | 0.066% |
| 264 | 18.317 | 18.291 | 18.399 | VV | 33494                              | 2043623 | 4.30% | 0.193% |
| 265 | 18.409 | 18.399 | 18.419 | VV | 30154                              | 355839  | 0.75% | 0.034% |
| 266 | 18.444 | 18.419 | 18.544 | VV | 31382                              | 2229407 | 4.69% | 0.211% |
| 267 | 18.595 | 18.544 | 18.631 | VV | 29300                              | 1495435 | 3.15% | 0.142% |
| 268 | 18.673 | 18.631 | 18.718 | VV | 28847                              | 1461997 | 3.08% | 0.138% |
| 269 | 18.732 | 18.718 | 18.814 | VV | 29532                              | 1548119 | 3.26% | 0.147% |
| 270 | 18.849 | 18.814 | 18.924 | VV | 26364                              | 1677191 | 3.53% | 0.159% |
| 271 | 18.937 | 18.924 | 18.949 | VV | 24935                              | 368752  | 0.78% | 0.035% |
| 272 | 18.958 | 18.949 | 18.980 | VV | 24426                              | 445332  | 0.94% | 0.042% |
| 273 | 19.004 | 18.980 | 19.059 | VV | 25475                              | 1154647 | 2.43% | 0.109% |
| 274 | 19.078 | 19.059 | 19.086 | VV | 23175                              | 382366  | 0.81% | 0.036% |
| 275 | 19.138 | 19.086 | 19.225 | VV | 25568                              | 1936757 | 4.08% | 0.183% |
| 276 | 19.238 | 19.225 | 19.261 | VV | 22560                              | 486393  | 1.02% | 0.046% |
| 277 | 19.268 | 19.261 | 19.287 | VV | 23051                              | 346538  | 0.73% | 0.033% |
| 278 | 19.297 | 19.287 | 19.351 | VV | 22373                              | 845036  | 1.78% | 0.080% |
| 279 | 19.394 | 19.351 | 19.419 | VV | 21866                              | 866720  | 1.83% | 0.082% |
| 280 | 19.426 | 19.419 | 19.478 | VV | 21284                              | 732145  | 1.54% | 0.069% |
| 281 | 19.533 | 19.478 | 19.600 | VV | 23699                              | 1551364 | 3.27% | 0.147% |
| 282 | 19.616 | 19.600 | 19.645 | VV | 20090                              | 525379  | 1.11% | 0.050% |
| 283 | 19.662 | 19.645 | 19.670 | VV | 19769                              | 300952  | 0.63% | 0.028% |
| 284 | 19.679 | 19.670 | 19.730 | VV | 19711                              | 693524  | 1.46% | 0.066% |
| 285 | 19.739 | 19.730 | 19.748 | VV | 19255                              | 209521  | 0.44% | 0.020% |
| 286 | 19.772 | 19.748 | 19.805 | VV | 19272                              | 646011  | 1.36% | 0.061% |
| 287 | 19.830 | 19.805 | 19.878 | VV | 18955                              | 807666  | 1.70% | 0.076% |
|     |        |        |        |    | Sum of corrected areas: 1056213495 |         |       |        |

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