

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE010924AL\  
 Data File : FE046131.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Jan 2024 20:43  
 Sample : P1070-02  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122923.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         | 3.135       | 3.104        | 3.143      | BV       | 131            | 979          | 0.00%          | 0.000%        |
| 2         | 3.164       | 3.143        | 3.185      | VV       | 2645           | 26191        | 0.07%          | 0.008%        |
| 3         | 3.201       | 3.185        | 3.301      | VV       | 1074           | 23029        | 0.06%          | 0.007%        |
| 4         | 3.356       | 3.301        | 3.381      | PV       | 374            | 7319         | 0.02%          | 0.002%        |
| 5         | 3.403       | 3.381        | 3.445      | VV       | 1205           | 14858        | 0.04%          | 0.004%        |
| 6         | 3.461       | 3.445        | 3.476      | VV       | 160            | 1775         | 0.00%          | 0.001%        |
| 7         | 3.496       | 3.476        | 3.508      | VV       | 235            | 2299         | 0.01%          | 0.001%        |
| 8         | 3.527       | 3.508        | 3.573      | VV       | 517            | 7656         | 0.02%          | 0.002%        |
| 9         | 3.637       | 3.573        | 3.651      | VV       | 1382           | 21588        | 0.06%          | 0.006%        |
| 10        | 3.693       | 3.651        | 3.734      | VV       | 19246          | 221096       | 0.62%          | 0.064%        |
| 11        | 3.742       | 3.734        | 3.778      | VV       | 724            | 11556        | 0.03%          | 0.003%        |
| 12        | 3.809       | 3.778        | 3.871      | VV       | 16016          | 202540       | 0.57%          | 0.059%        |
| 13        | 3.896       | 3.871        | 3.953      | VV       | 4470           | 68360        | 0.19%          | 0.020%        |
| 14        | 4.007       | 3.953        | 4.028      | VV       | 2198           | 40534        | 0.11%          | 0.012%        |
| 15        | 4.042       | 4.028        | 4.062      | VV       | 1008           | 16022        | 0.04%          | 0.005%        |
| 16        | 4.117       | 4.062        | 4.138      | VV       | 820            | 27928        | 0.08%          | 0.008%        |
| 17        | 4.192       | 4.138        | 4.228      | VV       | 4500           | 121727       | 0.34%          | 0.035%        |
| 18        | 4.236       | 4.228        | 4.269      | VV       | 1772           | 31077        | 0.09%          | 0.009%        |
| 19        | 4.277       | 4.269        | 4.324      | VV       | 867            | 18470        | 0.05%          | 0.005%        |
| 20        | 4.360       | 4.324        | 4.391      | VV       | 825            | 19145        | 0.05%          | 0.006%        |
| 21        | 4.409       | 4.391        | 4.441      | VV       | 673            | 13902        | 0.04%          | 0.004%        |
| 22        | 4.469       | 4.441        | 4.489      | VV       | 3337           | 39992        | 0.11%          | 0.012%        |
| 23        | 4.506       | 4.489        | 4.527      | VV       | 2611           | 29842        | 0.08%          | 0.009%        |
| 24        | 4.542       | 4.527        | 4.565      | VV       | 880            | 12975        | 0.04%          | 0.004%        |
| 25        | 4.577       | 4.565        | 4.604      | VV       | 354            | 5479         | 0.02%          | 0.002%        |
| 26        | 4.625       | 4.604        | 4.663      | PV       | 1289           | 18941        | 0.05%          | 0.005%        |
| 27        | 4.698       | 4.663        | 4.737      | VV       | 5103           | 89065        | 0.25%          | 0.026%        |
| 28        | 4.753       | 4.737        | 4.791      | VV       | 2200           | 38997        | 0.11%          | 0.011%        |
| 29        | 4.830       | 4.791        | 4.845      | VV       | 899            | 20955        | 0.06%          | 0.006%        |
| 30        | 4.888       | 4.845        | 4.917      | VV       | 2436           | 51245        | 0.14%          | 0.015%        |
| 31        | 4.931       | 4.917        | 4.950      | VV       | 1584           | 21473        | 0.06%          | 0.006%        |

|    |       |       |       |    |        |         |       |        |
|----|-------|-------|-------|----|--------|---------|-------|--------|
|    |       |       |       |    | rteres |         |       |        |
| 32 | 4.973 | 4.950 | 5.018 | VV | 3636   | 55049   | 0.15% | 0.016% |
| 33 | 5.049 | 5.018 | 5.069 | PV | 1303   | 16545   | 0.05% | 0.005% |
| 34 | 5.083 | 5.069 | 5.095 | VV | 493    | 4279    | 0.01% | 0.001% |
| 35 | 5.111 | 5.095 | 5.127 | VV | 574    | 7273    | 0.02% | 0.002% |
| 36 | 5.146 | 5.127 | 5.157 | VV | 1400   | 15383   | 0.04% | 0.004% |
| 37 | 5.176 | 5.157 | 5.203 | VV | 2769   | 46808   | 0.13% | 0.014% |
| 38 | 5.223 | 5.203 | 5.238 | VV | 3218   | 38215   | 0.11% | 0.011% |
| 39 | 5.253 | 5.238 | 5.273 | VV | 2593   | 37059   | 0.10% | 0.011% |
| 40 | 5.289 | 5.273 | 5.324 | VV | 2339   | 35073   | 0.10% | 0.010% |
| 41 | 5.354 | 5.324 | 5.366 | VV | 1026   | 13837   | 0.04% | 0.004% |
| 42 | 5.384 | 5.366 | 5.398 | VV | 1450   | 19667   | 0.05% | 0.006% |
| 43 | 5.414 | 5.398 | 5.432 | VV | 1850   | 28853   | 0.08% | 0.008% |
| 44 | 5.460 | 5.432 | 5.471 | VV | 2215   | 42546   | 0.12% | 0.012% |
| 45 | 5.482 | 5.471 | 5.499 | VV | 2575   | 30055   | 0.08% | 0.009% |
| 46 | 5.507 | 5.499 | 5.519 | VV | 850    | 8207    | 0.02% | 0.002% |
| 47 | 5.545 | 5.519 | 5.561 | VV | 1401   | 20891   | 0.06% | 0.006% |
| 48 | 5.572 | 5.561 | 5.584 | VV | 558    | 4956    | 0.01% | 0.001% |
| 49 | 5.609 | 5.584 | 5.670 | PV | 17481  | 276398  | 0.77% | 0.080% |
| 50 | 5.686 | 5.670 | 5.711 | VV | 1218   | 20117   | 0.06% | 0.006% |
| 51 | 5.731 | 5.711 | 5.747 | VV | 545    | 7494    | 0.02% | 0.002% |
| 52 | 5.759 | 5.747 | 5.763 | PV | 243    | 1713    | 0.00% | 0.000% |
| 53 | 5.789 | 5.763 | 5.823 | VV | 4547   | 95993   | 0.27% | 0.028% |
| 54 | 5.833 | 5.823 | 5.849 | VV | 1466   | 15712   | 0.04% | 0.005% |
| 55 | 5.872 | 5.849 | 5.880 | VV | 3588   | 38582   | 0.11% | 0.011% |
| 56 | 5.916 | 5.880 | 5.943 | VV | 8805   | 241448  | 0.68% | 0.070% |
| 57 | 5.953 | 5.943 | 5.973 | VV | 4453   | 61312   | 0.17% | 0.018% |
| 58 | 5.994 | 5.973 | 6.023 | VV | 8028   | 119062  | 0.33% | 0.035% |
| 59 | 6.039 | 6.023 | 6.067 | VV | 2524   | 40341   | 0.11% | 0.012% |
| 60 | 6.085 | 6.067 | 6.103 | VV | 3439   | 37593   | 0.11% | 0.011% |
| 61 | 6.136 | 6.103 | 6.153 | VV | 4047   | 64963   | 0.18% | 0.019% |
| 62 | 6.176 | 6.153 | 6.218 | VV | 99552  | 1235537 | 3.46% | 0.359% |
| 63 | 6.231 | 6.218 | 6.257 | VV | 7884   | 128087  | 0.36% | 0.037% |
| 64 | 6.282 | 6.257 | 6.300 | VV | 6276   | 91135   | 0.25% | 0.026% |
| 65 | 6.321 | 6.300 | 6.334 | VV | 5856   | 84667   | 0.24% | 0.025% |
| 66 | 6.348 | 6.334 | 6.389 | VV | 6440   | 131915  | 0.37% | 0.038% |
| 67 | 6.406 | 6.389 | 6.419 | VV | 4468   | 50444   | 0.14% | 0.015% |
| 68 | 6.428 | 6.419 | 6.440 | VV | 3364   | 36533   | 0.10% | 0.011% |
| 69 | 6.459 | 6.440 | 6.491 | VV | 4627   | 87563   | 0.24% | 0.025% |
| 70 | 6.512 | 6.491 | 6.534 | VV | 2654   | 52042   | 0.15% | 0.015% |
| 71 | 6.561 | 6.534 | 6.618 | VV | 7398   | 161172  | 0.45% | 0.047% |
| 72 | 6.639 | 6.618 | 6.686 | VV | 34726  | 402954  | 1.13% | 0.117% |
| 73 | 6.725 | 6.686 | 6.738 | PV | 2035   | 32403   | 0.09% | 0.009% |
| 74 | 6.757 | 6.738 | 6.771 | VV | 4516   | 59228   | 0.17% | 0.017% |
| 75 | 6.791 | 6.771 | 6.812 | VV | 15175  | 192902  | 0.54% | 0.056% |
| 76 | 6.827 | 6.812 | 6.853 | VV | 5542   | 99966   | 0.28% | 0.029% |
| 77 | 6.864 | 6.853 | 6.877 | VV | 2903   | 28913   | 0.08% | 0.008% |
| 78 | 6.894 | 6.877 | 6.903 | VV | 3009   | 35768   | 0.10% | 0.010% |
| 79 | 6.920 | 6.903 | 6.940 | VV | 9210   | 104716  | 0.29% | 0.030% |

|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
| 80  | 6.963 | 6.940 | 6.974 | VV | 6987   | 87057   | 0.24% | 0.025% |
| 81  | 6.986 | 6.974 | 7.014 | VV | 6273   | 113540  | 0.32% | 0.033% |
| 82  | 7.042 | 7.014 | 7.076 | VV | 22928  | 326550  | 0.91% | 0.095% |
| 83  | 7.089 | 7.076 | 7.100 | VV | 2281   | 31023   | 0.09% | 0.009% |
| 84  | 7.170 | 7.100 | 7.190 | VV | 12118  | 310463  | 0.87% | 0.090% |
| 85  | 7.211 | 7.190 | 7.238 | VV | 13556  | 193248  | 0.54% | 0.056% |
| 86  | 7.272 | 7.238 | 7.304 | VV | 120240 | 1492662 | 4.17% | 0.433% |
| 87  | 7.317 | 7.304 | 7.337 | VV | 12707  | 162248  | 0.45% | 0.047% |
| 88  | 7.360 | 7.337 | 7.386 | VV | 21936  | 343189  | 0.96% | 0.100% |
| 89  | 7.409 | 7.386 | 7.443 | VV | 115046 | 1345124 | 3.76% | 0.390% |
| 90  | 7.457 | 7.443 | 7.474 | VV | 7775   | 105244  | 0.29% | 0.031% |
| 91  | 7.486 | 7.474 | 7.517 | VV | 3999   | 88802   | 0.25% | 0.026% |
| 92  | 7.586 | 7.517 | 7.609 | VV | 61475  | 937278  | 2.62% | 0.272% |
| 93  | 7.638 | 7.609 | 7.692 | VV | 5937   | 234732  | 0.66% | 0.068% |
| 94  | 7.709 | 7.692 | 7.734 | VV | 3472   | 64578   | 0.18% | 0.019% |
| 95  | 7.759 | 7.734 | 7.793 | VV | 18217  | 302358  | 0.85% | 0.088% |
| 96  | 7.811 | 7.793 | 7.834 | VV | 6078   | 80251   | 0.22% | 0.023% |
| 97  | 7.852 | 7.834 | 7.862 | VV | 3734   | 38542   | 0.11% | 0.011% |
| 98  | 7.954 | 7.941 | 7.991 | VV | 12382  | 227646  | 0.64% | 0.066% |
| 99  | 8.015 | 7.991 | 8.035 | VV | 22422  | 320083  | 0.90% | 0.093% |
| 100 | 8.049 | 8.035 | 8.088 | VV | 11915  | 275267  | 0.77% | 0.080% |
| 101 | 8.113 | 8.088 | 8.133 | VV | 13830  | 207737  | 0.58% | 0.060% |
| 102 | 8.168 | 8.133 | 8.204 | VV | 22226  | 605468  | 1.69% | 0.176% |
| 103 | 8.216 | 8.204 | 8.234 | VV | 20338  | 243794  | 0.68% | 0.071% |
| 104 | 8.284 | 8.234 | 8.323 | VV | 69217  | 1407414 | 3.94% | 0.409% |
| 105 | 8.336 | 8.323 | 8.355 | VV | 7916   | 122930  | 0.34% | 0.036% |
| 106 | 8.388 | 8.355 | 8.404 | VV | 116684 | 1414635 | 3.96% | 0.411% |
| 107 | 8.416 | 8.404 | 8.441 | VV | 74140  | 980787  | 2.74% | 0.285% |
| 108 | 8.467 | 8.441 | 8.492 | VV | 81280  | 1126176 | 3.15% | 0.327% |
| 109 | 8.510 | 8.492 | 8.523 | VV | 12268  | 187715  | 0.52% | 0.054% |
| 110 | 8.572 | 8.523 | 8.603 | VV | 66174  | 1624647 | 4.54% | 0.472% |
| 111 | 8.618 | 8.603 | 8.640 | VV | 15509  | 272118  | 0.76% | 0.079% |
| 112 | 8.664 | 8.640 | 8.732 | VV | 31141  | 697131  | 1.95% | 0.202% |
| 113 | 8.835 | 8.814 | 8.851 | VV | 17940  | 378011  | 1.06% | 0.110% |
| 114 | 8.870 | 8.851 | 8.903 | VV | 97184  | 1346264 | 3.76% | 0.391% |
| 115 | 8.921 | 8.903 | 8.945 | VV | 30964  | 485714  | 1.36% | 0.141% |
| 116 | 8.960 | 8.945 | 8.973 | VV | 14945  | 215816  | 0.60% | 0.063% |
| 117 | 9.007 | 8.973 | 9.031 | VV | 40818  | 706416  | 1.98% | 0.205% |
| 118 | 9.060 | 9.031 | 9.092 | VV | 15630  | 349016  | 0.98% | 0.101% |
| 119 | 9.115 | 9.092 | 9.130 | VV | 29589  | 407199  | 1.14% | 0.118% |
| 120 | 9.150 | 9.130 | 9.204 | VV | 92841  | 1421130 | 3.97% | 0.413% |
| 121 | 9.239 | 9.204 | 9.264 | VV | 16649  | 438829  | 1.23% | 0.127% |
| 122 | 9.294 | 9.264 | 9.314 | VV | 107114 | 1476484 | 4.13% | 0.429% |
| 123 | 9.328 | 9.314 | 9.364 | VV | 41678  | 624178  | 1.75% | 0.181% |
| 124 | 9.382 | 9.364 | 9.406 | VV | 10666  | 199570  | 0.56% | 0.058% |
| 125 | 9.443 | 9.406 | 9.461 | VV | 36154  | 536197  | 1.50% | 0.156% |
| 126 | 9.477 | 9.461 | 9.508 | VV | 27725  | 410551  | 1.15% | 0.119% |

|     |        |        |        |    | rteres |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 127 | 9.528  | 9.508  | 9.543  | VV | 13153  | 194729   | 0.54%  | 0.057% |
| 128 | 9.581  | 9.543  | 9.608  | VV | 34433  | 656011   | 1.83%  | 0.190% |
| 129 | 9.625  | 9.608  | 9.639  | VV | 12658  | 166736   | 0.47%  | 0.048% |
| 130 | 9.665  | 9.639  | 9.721  | VV | 227790 | 3185715  | 8.91%  | 0.925% |
|     |        |        |        |    |        |          |        |        |
| 131 | 9.743  | 9.721  | 9.776  | VV | 36056  | 765079   | 2.14%  | 0.222% |
| 132 | 9.812  | 9.776  | 9.832  | VV | 36433  | 797148   | 2.23%  | 0.231% |
| 133 | 9.848  | 9.832  | 9.862  | VV | 23416  | 377447   | 1.06%  | 0.110% |
| 134 | 9.873  | 9.862  | 9.913  | VV | 22298  | 400529   | 1.12%  | 0.116% |
| 135 | 9.928  | 9.913  | 9.964  | VV | 9500   | 211347   | 0.59%  | 0.061% |
|     |        |        |        |    |        |          |        |        |
| 136 | 9.988  | 9.964  | 10.013 | VV | 42367  | 615118   | 1.72%  | 0.179% |
| 137 | 10.036 | 10.013 | 10.054 | VV | 18513  | 359717   | 1.01%  | 0.104% |
| 138 | 10.079 | 10.054 | 10.133 | VV | 108365 | 1922977  | 5.38%  | 0.558% |
| 139 | 10.151 | 10.133 | 10.171 | VV | 15134  | 254161   | 0.71%  | 0.074% |
| 140 | 10.181 | 10.171 | 10.219 | VV | 8376   | 137476   | 0.38%  | 0.040% |
|     |        |        |        |    |        |          |        |        |
| 141 | 10.251 | 10.219 | 10.330 | VV | 9676   | 206277   | 0.58%  | 0.060% |
| 142 | 10.352 | 10.330 | 10.380 | VV | 3078   | 56972    | 0.16%  | 0.017% |
| 143 | 10.425 | 10.380 | 10.443 | VV | 13772  | 329483   | 0.92%  | 0.096% |
| 144 | 10.467 | 10.443 | 10.495 | VV | 36014  | 583504   | 1.63%  | 0.169% |
| 145 | 10.552 | 10.495 | 10.575 | VV | 65667  | 1307780  | 3.66%  | 0.380% |
|     |        |        |        |    |        |          |        |        |
| 146 | 10.593 | 10.575 | 10.638 | VV | 37210  | 696672   | 1.95%  | 0.202% |
| 147 | 10.669 | 10.638 | 10.706 | VV | 37937  | 686031   | 1.92%  | 0.199% |
| 148 | 10.732 | 10.706 | 10.778 | VV | 14196  | 433238   | 1.21%  | 0.126% |
| 149 | 10.820 | 10.778 | 10.853 | VV | 84848  | 1499849  | 4.19%  | 0.435% |
| 150 | 10.880 | 10.853 | 10.919 | VV | 76677  | 1618385  | 4.53%  | 0.470% |
|     |        |        |        |    |        |          |        |        |
| 151 | 10.940 | 10.919 | 10.961 | VV | 10752  | 225052   | 0.63%  | 0.065% |
| 152 | 10.976 | 10.961 | 10.994 | VV | 15050  | 203749   | 0.57%  | 0.059% |
| 153 | 11.008 | 10.994 | 11.026 | VV | 7310   | 114413   | 0.32%  | 0.033% |
| 154 | 11.080 | 11.026 | 11.126 | VV | 843691 | 11425131 | 31.95% | 3.317% |
| 155 | 11.153 | 11.126 | 11.255 | VV | 231165 | 3906707  | 10.93% | 1.134% |
|     |        |        |        |    |        |          |        |        |
| 156 | 11.273 | 11.255 | 11.309 | VV | 8386   | 164591   | 0.46%  | 0.048% |
| 157 | 11.328 | 11.309 | 11.353 | VV | 6151   | 73070    | 0.20%  | 0.021% |
| 158 | 11.381 | 11.353 | 11.410 | PV | 40693  | 633968   | 1.77%  | 0.184% |
| 159 | 11.437 | 11.410 | 11.455 | VV | 11470  | 269742   | 0.75%  | 0.078% |
| 160 | 11.474 | 11.455 | 11.493 | VV | 14997  | 235642   | 0.66%  | 0.068% |
|     |        |        |        |    |        |          |        |        |
| 161 | 11.524 | 11.493 | 11.549 | VV | 67313  | 963480   | 2.69%  | 0.280% |
| 162 | 11.568 | 11.549 | 11.580 | VV | 12205  | 212062   | 0.59%  | 0.062% |
| 163 | 11.610 | 11.580 | 11.648 | VV | 55870  | 1014877  | 2.84%  | 0.295% |
| 164 | 11.676 | 11.648 | 11.701 | VV | 17701  | 270394   | 0.76%  | 0.078% |
| 165 | 11.731 | 11.701 | 11.764 | VV | 22923  | 381721   | 1.07%  | 0.111% |
|     |        |        |        |    |        |          |        |        |
| 166 | 11.777 | 11.764 | 11.794 | VV | 5793   | 82313    | 0.23%  | 0.024% |
| 167 | 11.842 | 11.794 | 11.865 | VV | 389456 | 4912236  | 13.74% | 1.426% |
| 168 | 11.883 | 11.865 | 11.898 | VV | 123207 | 1657095  | 4.63%  | 0.481% |
| 169 | 11.916 | 11.898 | 11.961 | VV | 151207 | 2401378  | 6.72%  | 0.697% |
| 170 | 11.997 | 11.961 | 12.018 | VV | 152693 | 2660851  | 7.44%  | 0.772% |
|     |        |        |        |    |        |          |        |        |
| 171 | 12.032 | 12.018 | 12.046 | VV | 77189  | 1018948  | 2.85%  | 0.296% |
| 172 | 12.063 | 12.046 | 12.112 | VV | 104873 | 1695952  | 4.74%  | 0.492% |
| 173 | 12.134 | 12.112 | 12.147 | VV | 3751   | 53014    | 0.15%  | 0.015% |
| 174 | 12.196 | 12.147 | 12.221 | VV | 53409  | 883465   | 2.47%  | 0.256% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
| 175 | 12.252 | 12.221 | 12.329 | VV | 502388  | 6699780  | 18.74%  | 1.945%  |
| 176 | 12.355 | 12.329 | 12.403 | VV | 45207   | 797577   | 2.23%   | 0.232%  |
| 177 | 12.420 | 12.403 | 12.443 | VV | 11687   | 202805   | 0.57%   | 0.059%  |
| 178 | 12.464 | 12.443 | 12.480 | VV | 5883    | 109098   | 0.31%   | 0.032%  |
| 179 | 12.500 | 12.480 | 12.522 | VV | 8169    | 139224   | 0.39%   | 0.040%  |
| 180 | 12.536 | 12.522 | 12.548 | VV | 5004    | 68666    | 0.19%   | 0.020%  |
| 181 | 12.631 | 12.548 | 12.652 | VV | 14597   | 537563   | 1.50%   | 0.156%  |
| 182 | 12.677 | 12.652 | 12.733 | VV | 34936   | 796764   | 2.23%   | 0.231%  |
| 183 | 12.788 | 12.733 | 12.810 | VV | 76505   | 1542645  | 4.31%   | 0.448%  |
| 184 | 12.837 | 12.810 | 12.876 | VV | 73630   | 1746372  | 4.88%   | 0.507%  |
| 185 | 12.911 | 12.876 | 13.020 | VV | 623806  | 10650757 | 29.79%  | 3.092%  |
| 186 | 13.059 | 13.020 | 13.075 | VV | 24176   | 476562   | 1.33%   | 0.138%  |
| 187 | 13.092 | 13.075 | 13.113 | VV | 32704   | 530551   | 1.48%   | 0.154%  |
| 188 | 13.122 | 13.113 | 13.175 | VV | 19094   | 518302   | 1.45%   | 0.150%  |
| 189 | 13.209 | 13.175 | 13.242 | VV | 466059  | 7729090  | 21.62%  | 2.244%  |
| 190 | 13.287 | 13.242 | 13.316 | VV | 1816096 | 35757790 | 100.00% | 10.380% |
| 191 | 13.338 | 13.316 | 13.409 | VV | 1066311 | 14810599 | 41.42%  | 4.299%  |
| 192 | 13.422 | 13.409 | 13.433 | VV | 9352    | 122177   | 0.34%   | 0.035%  |
| 193 | 13.455 | 13.433 | 13.468 | VV | 33015   | 461135   | 1.29%   | 0.134%  |
| 194 | 13.509 | 13.468 | 13.587 | VV | 202314  | 3702700  | 10.35%  | 1.075%  |
| 195 | 13.612 | 13.587 | 13.644 | VV | 18876   | 478068   | 1.34%   | 0.139%  |
| 196 | 13.677 | 13.644 | 13.745 | VV | 56607   | 1351317  | 3.78%   | 0.392%  |
| 197 | 13.807 | 13.745 | 13.855 | PV | 132325  | 2876368  | 8.04%   | 0.835%  |
| 198 | 13.864 | 13.855 | 13.884 | VV | 16458   | 231583   | 0.65%   | 0.067%  |
| 199 | 13.913 | 13.884 | 13.936 | VV | 89286   | 1553766  | 4.35%   | 0.451%  |
| 200 | 13.953 | 13.936 | 14.012 | VV | 58796   | 1324356  | 3.70%   | 0.384%  |
| 201 | 14.041 | 14.012 | 14.060 | VV | 42349   | 778611   | 2.18%   | 0.226%  |
| 202 | 14.081 | 14.060 | 14.103 | VV | 52935   | 998728   | 2.79%   | 0.290%  |
| 203 | 14.122 | 14.103 | 14.218 | VV | 42263   | 1175624  | 3.29%   | 0.341%  |
| 204 | 14.271 | 14.218 | 14.293 | VV | 8132    | 232856   | 0.65%   | 0.068%  |
| 205 | 14.328 | 14.293 | 14.338 | VV | 13615   | 234237   | 0.66%   | 0.068%  |
| 206 | 14.344 | 14.338 | 14.370 | VV | 12786   | 159694   | 0.45%   | 0.046%  |
| 207 | 14.391 | 14.370 | 14.424 | VV | 6682    | 170830   | 0.48%   | 0.050%  |
| 208 | 14.442 | 14.424 | 14.461 | VV | 5368    | 109640   | 0.31%   | 0.032%  |
| 209 | 14.508 | 14.461 | 14.577 | VV | 30304   | 1301996  | 3.64%   | 0.378%  |
| 210 | 14.605 | 14.577 | 14.628 | VV | 35925   | 716571   | 2.00%   | 0.208%  |
| 211 | 14.659 | 14.628 | 14.694 | VV | 33429   | 892475   | 2.50%   | 0.259%  |
| 212 | 14.723 | 14.694 | 14.752 | VV | 40424   | 908331   | 2.54%   | 0.264%  |
| 213 | 14.780 | 14.752 | 14.814 | VV | 62745   | 1511552  | 4.23%   | 0.439%  |
| 214 | 14.829 | 14.814 | 14.888 | VV | 28075   | 856033   | 2.39%   | 0.249%  |
| 215 | 14.898 | 14.888 | 14.918 | VV | 9692    | 153487   | 0.43%   | 0.045%  |
| 216 | 14.972 | 14.918 | 15.028 | VV | 15838   | 576117   | 1.61%   | 0.167%  |
| 217 | 15.100 | 15.028 | 15.119 | PV | 193615  | 3718065  | 10.40%  | 1.079%  |
| 218 | 15.140 | 15.119 | 15.227 | VV | 215364  | 5148859  | 14.40%  | 1.495%  |
| 219 | 15.263 | 15.227 | 15.384 | VV | 33191   | 1587576  | 4.44%   | 0.461%  |
| 220 | 15.415 | 15.384 | 15.425 | VV | 14907   | 287159   | 0.80%   | 0.083%  |
| 221 | 15.448 | 15.425 | 15.506 | VV | 19749   | 618647   | 1.73%   | 0.180%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 15.537 | 15.506 | 15.627 | VV | 21591  | 787805  | 2.20%  | 0.229% |
| 223 | 15.668 | 15.627 | 15.700 | PV | 13439  | 322613  | 0.90%  | 0.094% |
| 224 | 15.727 | 15.700 | 15.747 | VV | 24224  | 425552  | 1.19%  | 0.124% |
| 225 | 15.774 | 15.747 | 15.844 | VV | 52425  | 1771860 | 4.96%  | 0.514% |
| 226 | 15.862 | 15.844 | 15.892 | VV | 18388  | 489864  | 1.37%  | 0.142% |
| 227 | 15.937 | 15.892 | 15.990 | VV | 41233  | 1505018 | 4.21%  | 0.437% |
| 228 | 16.006 | 15.990 | 16.075 | VV | 15391  | 431825  | 1.21%  | 0.125% |
| 229 | 16.100 | 16.075 | 16.141 | VV | 6538   | 143340  | 0.40%  | 0.042% |
| 230 | 16.172 | 16.141 | 16.191 | VV | 11646  | 189794  | 0.53%  | 0.055% |
| 231 | 16.204 | 16.191 | 16.264 | VV | 8625   | 249928  | 0.70%  | 0.073% |
| 232 | 16.278 | 16.264 | 16.320 | VV | 1672   | 32803   | 0.09%  | 0.010% |
| 233 | 16.378 | 16.320 | 16.399 | PV | 8704   | 212419  | 0.59%  | 0.062% |
| 234 | 16.472 | 16.399 | 16.506 | VV | 14964  | 551482  | 1.54%  | 0.160% |
| 235 | 16.579 | 16.506 | 16.622 | VV | 13727  | 637554  | 1.78%  | 0.185% |
| 236 | 16.677 | 16.622 | 16.775 | VV | 147540 | 6218637 | 17.39% | 1.805% |
| 237 | 16.808 | 16.775 | 16.894 | VV | 29828  | 1214226 | 3.40%  | 0.352% |
| 238 | 16.949 | 16.894 | 16.969 | VV | 38208  | 817592  | 2.29%  | 0.237% |
| 239 | 17.001 | 16.969 | 17.031 | VV | 73781  | 1977677 | 5.53%  | 0.574% |
| 240 | 17.061 | 17.031 | 17.135 | VV | 112310 | 3996281 | 11.18% | 1.160% |
| 241 | 17.159 | 17.135 | 17.248 | VV | 35956  | 1520627 | 4.25%  | 0.441% |
| 242 | 17.303 | 17.248 | 17.338 | VV | 21631  | 851120  | 2.38%  | 0.247% |
| 243 | 17.348 | 17.338 | 17.383 | VV | 14976  | 327545  | 0.92%  | 0.095% |
| 244 | 17.442 | 17.383 | 17.508 | VV | 30645  | 1499484 | 4.19%  | 0.435% |
| 245 | 17.515 | 17.508 | 17.524 | VV | 11249  | 107562  | 0.30%  | 0.031% |
| 246 | 17.580 | 17.524 | 17.624 | VV | 22584  | 896563  | 2.51%  | 0.260% |
| 247 | 17.645 | 17.624 | 17.656 | VV | 14369  | 225057  | 0.63%  | 0.065% |
| 248 | 17.680 | 17.656 | 17.697 | VV | 14407  | 303840  | 0.85%  | 0.088% |
| 249 | 17.729 | 17.697 | 17.802 | VV | 18881  | 826049  | 2.31%  | 0.240% |
| 250 | 17.853 | 17.802 | 17.872 | VV | 9653   | 264098  | 0.74%  | 0.077% |
| 251 | 17.883 | 17.872 | 17.888 | VV | 6068   | 51323   | 0.14%  | 0.015% |
| 252 | 17.914 | 17.888 | 17.934 | VV | 8597   | 186195  | 0.52%  | 0.054% |
| 253 | 17.942 | 17.934 | 17.948 | VV | 6237   | 46239   | 0.13%  | 0.013% |
| 254 | 18.017 | 17.948 | 18.104 | VV | 20833  | 1041130 | 2.91%  | 0.302% |
| 255 | 18.155 | 18.104 | 18.228 | VV | 28901  | 1305660 | 3.65%  | 0.379% |
| 256 | 18.260 | 18.228 | 18.284 | VV | 17306  | 516792  | 1.45%  | 0.150% |
| 257 | 18.294 | 18.284 | 18.311 | VV | 14286  | 214994  | 0.60%  | 0.062% |
| 258 | 18.362 | 18.311 | 18.410 | VV | 34058  | 1505740 | 4.21%  | 0.437% |
| 259 | 18.454 | 18.410 | 18.504 | VV | 65043  | 2853459 | 7.98%  | 0.828% |
| 260 | 18.513 | 18.504 | 18.555 | VV | 52170  | 1348074 | 3.77%  | 0.391% |
| 261 | 18.579 | 18.555 | 18.588 | VV | 37749  | 706896  | 1.98%  | 0.205% |
| 262 | 18.610 | 18.588 | 18.675 | VV | 39472  | 1756226 | 4.91%  | 0.510% |
| 263 | 18.713 | 18.675 | 18.788 | VV | 56722  | 2827775 | 7.91%  | 0.821% |
| 264 | 18.847 | 18.788 | 18.915 | VV | 45971  | 2649118 | 7.41%  | 0.769% |
| 265 | 18.948 | 18.915 | 18.971 | VV | 31642  | 974924  | 2.73%  | 0.283% |
| 266 | 19.002 | 18.971 | 19.049 | VV | 32564  | 1351329 | 3.78%  | 0.392% |
| 267 | 19.061 | 19.049 | 19.091 | VV | 26406  | 639806  | 1.79%  | 0.186% |
| 268 | 19.159 | 19.091 | 19.201 | VV | 32010  | 1908412 | 5.34%  | 0.554% |
| 269 | 19.243 | 19.201 | 19.261 | VV | 40349  | 1341262 | 3.75%  | 0.389% |

|     |        |        |        |    |                 |          |        |        |
|-----|--------|--------|--------|----|-----------------|----------|--------|--------|
| 270 | 19.266 | 19.261 | 19.321 | VV | rteres<br>40200 | 1300619  | 3.64%  | 0.378% |
| 271 | 19.356 | 19.321 | 19.371 | VV | 36519           | 1037474  | 2.90%  | 0.301% |
| 272 | 19.382 | 19.371 | 19.400 | VV | 36647           | 623490   | 1.74%  | 0.181% |
| 273 | 19.419 | 19.400 | 19.444 | VV | 36838           | 920024   | 2.57%  | 0.267% |
| 274 | 19.462 | 19.444 | 19.490 | VV | 34756           | 900887   | 2.52%  | 0.262% |
| 275 | 19.500 | 19.490 | 19.518 | VV | 35863           | 565094   | 1.58%  | 0.164% |
| 276 | 19.539 | 19.518 | 19.574 | VV | 33499           | 1077837  | 3.01%  | 0.313% |
| 277 | 19.588 | 19.574 | 19.601 | VV | 32541           | 497511   | 1.39%  | 0.144% |
| 278 | 19.645 | 19.601 | 19.658 | VV | 41566           | 1227603  | 3.43%  | 0.356% |
| 279 | 19.661 | 19.658 | 19.683 | VV | 40599           | 590405   | 1.65%  | 0.171% |
| 280 | 19.701 | 19.683 | 19.711 | VV | 41751           | 682665   | 1.91%  | 0.198% |
| 281 | 19.763 | 19.711 | 19.794 | VV | 46708           | 2209697  | 6.18%  | 0.641% |
| 282 | 19.802 | 19.794 | 19.813 | VV | 46781           | 497784   | 1.39%  | 0.145% |
| 283 | 20.018 | 19.813 | 20.034 | VV | 76545           | 8306154  | 23.23% | 2.411% |
| 284 | 20.040 | 20.034 | 20.120 | VV | 70746           | 3342443  | 9.35%  | 0.970% |
| 285 | 20.199 | 20.120 | 20.207 | VV | 66486           | 3277852  | 9.17%  | 0.952% |
| 286 | 20.221 | 20.207 | 20.233 | VV | 65401           | 993183   | 2.78%  | 0.288% |
| 287 | 20.295 | 20.233 | 20.316 | VV | 85443           | 3778452  | 10.57% | 1.097% |
| 288 | 20.323 | 20.316 | 20.341 | VV | 82020           | 1180942  | 3.30%  | 0.343% |
| 289 | 20.356 | 20.341 | 20.366 | VV | 80509           | 1184848  | 3.31%  | 0.344% |
| 290 | 20.381 | 20.366 | 20.400 | VV | 83350           | 1608502  | 4.50%  | 0.467% |
| 291 | 20.470 | 20.400 | 20.481 | VV | 85160           | 4035941  | 11.29% | 1.172% |
| 292 | 20.538 | 20.481 | 20.567 | VV | 92481           | 4509107  | 12.61% | 1.309% |
| 293 | 20.581 | 20.567 | 20.624 | VV | 89731           | 2990221  | 8.36%  | 0.868% |
| 294 | 20.643 | 20.624 | 20.669 | VV | 87992           | 2242242  | 6.27%  | 0.651% |
| 295 | 20.686 | 20.669 | 20.700 | VV | 83457           | 1516425  | 4.24%  | 0.440% |
| 296 | 20.752 | 20.700 | 20.904 | VV | 97008           | 10245771 | 28.65% | 2.974% |
| 297 | 20.982 | 20.904 | 21.011 | VV | 80047           | 4727914  | 13.22% | 1.372% |
| 298 | 21.025 | 21.011 | 21.045 | VV | 74928           | 1452239  | 4.06%  | 0.422% |
| 299 | 21.054 | 21.045 | 21.094 | VV | 70650           | 2018077  | 5.64%  | 0.586% |
| 300 | 21.121 | 21.094 | 21.208 | VV | 70340           | 4233355  | 11.84% | 1.229% |
| 301 | 21.233 | 21.208 | 21.244 | VV | 56517           | 1187006  | 3.32%  | 0.345% |
| 302 | 21.278 | 21.244 | 21.310 | VV | 59013           | 2251285  | 6.30%  | 0.654% |
| 303 | 21.322 | 21.310 | 21.349 | VV | 54665           | 1230895  | 3.44%  | 0.357% |
| 304 | 21.363 | 21.349 | 21.384 | VV | 51476           | 1054682  | 2.95%  | 0.306% |
| 305 | 21.400 | 21.384 | 21.464 | VV | 51172           | 2191315  | 6.13%  | 0.636% |
| 306 | 21.481 | 21.464 | 21.491 | VV | 38359           | 601238   | 1.68%  | 0.175% |
| 307 | 21.562 | 21.491 | 21.571 | VV | 43445           | 1866243  | 5.22%  | 0.542% |
| 308 | 21.584 | 21.571 | 21.645 | VV | 44023           | 1848377  | 5.17%  | 0.537% |
| 309 | 21.653 | 21.645 | 21.748 | VV | 37555           | 1863537  | 5.21%  | 0.541% |
| 310 | 21.759 | 21.748 | 21.821 | VV | 22591           | 889834   | 2.49%  | 0.258% |
| 311 | 21.830 | 21.821 | 21.856 | VV | 21198           | 405731   | 1.13%  | 0.118% |
| 312 | 21.898 | 21.856 | 21.911 | VV | 20449           | 615640   | 1.72%  | 0.179% |
| 313 | 21.925 | 21.911 | 21.934 | VV | 22485           | 289527   | 0.81%  | 0.084% |
| 314 | 21.943 | 21.934 | 22.009 | VV | 21986           | 825237   | 2.31%  | 0.240% |
| 315 | 22.018 | 22.009 | 22.138 | VV | 16599           | 610270   | 1.71%  | 0.177% |
| 316 | 22.149 | 22.138 | 22.163 | VV | 2344            | 18631    | 0.05%  | 0.005% |

rters  
Sum of corrected areas: 344476910

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