

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012023AL\  
 Data File : FE039940.D  
 Signal(s) : FID1B.ch  
 Acq On : 20 Jan 2023 21:32  
 Sample : 01229-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011023.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         | 3.304       | 3.254        | 3.358      | BV       | 319            | 8766         | 0.12%          | 0.004%        |
| 2         | 3.373       | 3.358        | 3.404      | PV       | 135            | 1688         | 0.02%          | 0.001%        |
| 3         | 3.417       | 3.404        | 3.428      | VV       | 142            | 1370         | 0.02%          | 0.001%        |
| 4         | 3.442       | 3.428        | 3.461      | VV       | 165            | 2109         | 0.03%          | 0.001%        |
| 5         | 3.509       | 3.461        | 3.523      | VV       | 225            | 5930         | 0.08%          | 0.002%        |
| 6         | 3.537       | 3.523        | 3.569      | VV       | 199            | 3618         | 0.05%          | 0.002%        |
| 7         | 3.580       | 3.569        | 3.601      | VV       | 122            | 1457         | 0.02%          | 0.001%        |
| 8         | 3.613       | 3.601        | 3.633      | VV       | 465            | 5245         | 0.07%          | 0.002%        |
| 9         | 3.654       | 3.633        | 3.683      | VV       | 730            | 9240         | 0.12%          | 0.004%        |
| 10        | 3.694       | 3.683        | 3.723      | VV       | 135            | 1882         | 0.02%          | 0.001%        |
| 11        | 3.747       | 3.723        | 3.787      | VV       | 718            | 14217        | 0.19%          | 0.006%        |
| 12        | 3.805       | 3.787        | 3.819      | VV       | 899            | 10346        | 0.14%          | 0.004%        |
| 13        | 3.829       | 3.819        | 3.863      | VV       | 591            | 7949         | 0.10%          | 0.003%        |
| 14        | 3.885       | 3.863        | 3.911      | PV       | 326            | 5603         | 0.07%          | 0.002%        |
| 15        | 3.934       | 3.911        | 3.958      | VV       | 1236           | 13641        | 0.18%          | 0.006%        |
| 16        | 3.993       | 3.958        | 4.007      | PV       | 519            | 8568         | 0.11%          | 0.004%        |
| 17        | 4.019       | 4.007        | 4.049      | VV       | 445            | 6534         | 0.09%          | 0.003%        |
| 18        | 4.092       | 4.049        | 4.106      | VV       | 600            | 9926         | 0.13%          | 0.004%        |
| 19        | 4.121       | 4.106        | 4.146      | VV       | 588            | 11107        | 0.15%          | 0.005%        |
| 20        | 4.160       | 4.146        | 4.178      | VV       | 479            | 6887         | 0.09%          | 0.003%        |
| 21        | 4.199       | 4.178        | 4.221      | VV       | 743            | 10953        | 0.14%          | 0.005%        |
| 22        | 4.243       | 4.221        | 4.256      | VV       | 250            | 3865         | 0.05%          | 0.002%        |
| 23        | 4.292       | 4.256        | 4.306      | VV       | 693            | 13182        | 0.17%          | 0.006%        |
| 24        | 4.324       | 4.306        | 4.349      | VV       | 785            | 12672        | 0.17%          | 0.005%        |
| 25        | 4.365       | 4.349        | 4.394      | VV       | 543            | 8075         | 0.11%          | 0.003%        |
| 26        | 4.412       | 4.394        | 4.427      | VV       | 514            | 6296         | 0.08%          | 0.003%        |
| 27        | 4.445       | 4.427        | 4.468      | VV       | 622            | 8078         | 0.11%          | 0.003%        |
| 28        | 4.493       | 4.468        | 4.521      | VV       | 383            | 7875         | 0.10%          | 0.003%        |
| 29        | 4.552       | 4.521        | 4.576      | VV       | 2511           | 30581        | 0.40%          | 0.013%        |
| 30        | 4.588       | 4.576        | 4.601      | VV       | 428            | 4042         | 0.05%          | 0.002%        |
| 31        | 4.623       | 4.601        | 4.662      | VV       | 564            | 9439         | 0.12%          | 0.004%        |
| 32        | 4.678       | 4.662        | 4.695      | PV       | 171            | 2065         | 0.03%          | 0.001%        |
| 33        | 4.727       | 4.695        | 4.747      | VV       | 744            | 12179        | 0.16%          | 0.005%        |
| 34        | 4.767       | 4.747        | 4.814      | VV       | 1036           | 26031        | 0.34%          | 0.011%        |
| 35        | 4.835       | 4.814        | 4.878      | VV       | 3057           | 51130        | 0.67%          | 0.021%        |
| 36        | 4.913       | 4.878        | 4.935      | VV       | 1179           | 29361        | 0.39%          | 0.012%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 4.960 | 4.935 | 4.978 | VV | 776    | 16808 | 0.22% | 0.007% |
| 38 | 4.991 | 4.978 | 5.005 | VV | 1345   | 16622 | 0.22% | 0.007% |
| 39 | 5.013 | 5.005 | 5.041 | VV | 1050   | 13903 | 0.18% | 0.006% |
| 40 | 5.061 | 5.041 | 5.104 | VV | 1730   | 28992 | 0.38% | 0.012% |
| 41 | 5.131 | 5.104 | 5.150 | VV | 478    | 9606  | 0.13% | 0.004% |
| 42 | 5.165 | 5.150 | 5.187 | VV | 562    | 6539  | 0.09% | 0.003% |
| 43 | 5.229 | 5.187 | 5.245 | PV | 1516   | 21782 | 0.29% | 0.009% |
| 44 | 5.259 | 5.245 | 5.281 | VV | 1174   | 15506 | 0.20% | 0.007% |
| 45 | 5.303 | 5.281 | 5.317 | VV | 1463   | 18873 | 0.25% | 0.008% |
| 46 | 5.332 | 5.317 | 5.359 | VV | 1543   | 27722 | 0.36% | 0.012% |
| 47 | 5.369 | 5.359 | 5.406 | VV | 1152   | 16486 | 0.22% | 0.007% |
| 48 | 5.466 | 5.406 | 5.482 | VV | 921    | 18124 | 0.24% | 0.008% |
| 49 | 5.494 | 5.482 | 5.505 | VV | 672    | 8019  | 0.11% | 0.003% |
| 50 | 5.531 | 5.505 | 5.551 | VV | 912    | 17550 | 0.23% | 0.007% |
| 51 | 5.564 | 5.551 | 5.578 | VV | 820    | 9671  | 0.13% | 0.004% |
| 52 | 5.590 | 5.578 | 5.608 | VV | 703    | 8818  | 0.12% | 0.004% |
| 53 | 5.627 | 5.608 | 5.642 | VV | 524    | 7050  | 0.09% | 0.003% |
| 54 | 5.654 | 5.642 | 5.665 | VV | 179    | 2166  | 0.03% | 0.001% |
| 55 | 5.688 | 5.665 | 5.744 | VV | 6183   | 92556 | 1.22% | 0.039% |
| 56 | 5.757 | 5.744 | 5.794 | VV | 410    | 8417  | 0.11% | 0.004% |
| 57 | 5.815 | 5.794 | 5.830 | VV | 329    | 5318  | 0.07% | 0.002% |
| 58 | 5.869 | 5.830 | 5.906 | VV | 1584   | 28470 | 0.37% | 0.012% |
| 59 | 5.915 | 5.906 | 5.930 | VV | 283    | 3416  | 0.04% | 0.001% |
| 60 | 5.951 | 5.930 | 5.965 | VV | 517    | 6457  | 0.08% | 0.003% |
| 61 | 5.994 | 5.965 | 6.025 | VV | 1414   | 26748 | 0.35% | 0.011% |
| 62 | 6.035 | 6.025 | 6.042 | VV | 398    | 3462  | 0.05% | 0.001% |
| 63 | 6.050 | 6.042 | 6.064 | VV | 361    | 4408  | 0.06% | 0.002% |
| 64 | 6.077 | 6.064 | 6.106 | VV | 574    | 8535  | 0.11% | 0.004% |
| 65 | 6.119 | 6.106 | 6.148 | VV | 241    | 3340  | 0.04% | 0.001% |
| 66 | 6.165 | 6.148 | 6.183 | PV | 473    | 5274  | 0.07% | 0.002% |
| 67 | 6.218 | 6.183 | 6.236 | VV | 436    | 7580  | 0.10% | 0.003% |
| 68 | 6.265 | 6.236 | 6.308 | VV | 1471   | 31235 | 0.41% | 0.013% |
| 69 | 6.314 | 6.308 | 6.344 | VV | 714    | 7887  | 0.10% | 0.003% |
| 70 | 6.364 | 6.344 | 6.383 | VV | 729    | 8966  | 0.12% | 0.004% |
| 71 | 6.405 | 6.383 | 6.413 | VV | 474    | 6236  | 0.08% | 0.003% |
| 72 | 6.428 | 6.413 | 6.470 | VV | 759    | 15189 | 0.20% | 0.006% |
| 73 | 6.488 | 6.470 | 6.504 | VV | 344    | 5460  | 0.07% | 0.002% |
| 74 | 6.510 | 6.504 | 6.524 | VV | 350    | 3185  | 0.04% | 0.001% |
| 75 | 6.540 | 6.524 | 6.568 | VV | 395    | 6772  | 0.09% | 0.003% |
| 76 | 6.605 | 6.568 | 6.624 | VV | 1028   | 16064 | 0.21% | 0.007% |
| 77 | 6.641 | 6.624 | 6.672 | VV | 577    | 11050 | 0.15% | 0.005% |
| 78 | 6.681 | 6.672 | 6.695 | VV | 216    | 2624  | 0.03% | 0.001% |
| 79 | 6.717 | 6.695 | 6.764 | VV | 1912   | 25206 | 0.33% | 0.011% |
| 80 | 6.778 | 6.764 | 6.791 | PV | 103    | 1345  | 0.02% | 0.001% |
| 81 | 6.801 | 6.791 | 6.815 | VV | 216    | 1801  | 0.02% | 0.001% |
| 82 | 6.839 | 6.815 | 6.851 | VV | 349    | 4389  | 0.06% | 0.002% |
| 83 | 6.870 | 6.851 | 6.895 | VV | 941    | 13054 | 0.17% | 0.005% |
| 84 | 6.909 | 6.895 | 6.954 | VV | 360    | 6802  | 0.09% | 0.003% |
| 85 | 6.979 | 6.954 | 6.987 | VV | 247    | 3423  | 0.05% | 0.001% |
| 86 | 7.000 | 6.987 | 7.020 | VV | 385    | 4810  | 0.06% | 0.002% |
| 87 | 7.046 | 7.020 | 7.098 | VV | 441    | 9475  | 0.12% | 0.004% |
| 88 | 7.123 | 7.098 | 7.148 | PV | 1091   | 15116 | 0.20% | 0.006% |
| 89 | 7.246 | 7.148 | 7.269 | VV | 662    | 24737 | 0.33% | 0.010% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.289  | 7.269  | 7.315  | VV | 798    | 11043  | 0.15% | 0.005% |
| 91  | 7.357  | 7.315  | 7.386  | VV | 1794   | 35517  | 0.47% | 0.015% |
| 92  | 7.395  | 7.386  | 7.414  | VV | 628    | 7643   | 0.10% | 0.003% |
| 93  | 7.436  | 7.414  | 7.469  | VV | 1200   | 19832  | 0.26% | 0.008% |
| 94  | 7.492  | 7.469  | 7.519  | VV | 1999   | 27614  | 0.36% | 0.012% |
| 95  | 7.536  | 7.519  | 7.551  | VV | 650    | 9326   | 0.12% | 0.004% |
| 96  | 7.561  | 7.551  | 7.590  | VV | 534    | 8883   | 0.12% | 0.004% |
| 97  | 7.611  | 7.590  | 7.622  | VV | 405    | 6295   | 0.08% | 0.003% |
| 98  | 7.663  | 7.622  | 7.688  | VV | 2622   | 46774  | 0.62% | 0.020% |
| 99  | 7.702  | 7.688  | 7.738  | VV | 489    | 12142  | 0.16% | 0.005% |
| 100 | 7.748  | 7.738  | 7.778  | VV | 429    | 5562   | 0.07% | 0.002% |
| 101 | 7.790  | 7.778  | 7.801  | VV | 240    | 2822   | 0.04% | 0.001% |
| 102 | 7.837  | 7.801  | 7.876  | VV | 1185   | 25437  | 0.33% | 0.011% |
| 103 | 7.891  | 7.876  | 7.908  | VV | 364    | 4374   | 0.06% | 0.002% |
| 104 | 8.093  | 8.078  | 8.170  | VV | 3611   | 138245 | 1.82% | 0.058% |
| 105 | 8.183  | 8.170  | 8.211  | VV | 1840   | 39401  | 0.52% | 0.017% |
| 106 | 8.236  | 8.211  | 8.252  | VV | 1809   | 38515  | 0.51% | 0.016% |
| 107 | 8.271  | 8.252  | 8.284  | VV | 2065   | 34281  | 0.45% | 0.014% |
| 108 | 8.295  | 8.284  | 8.317  | VV | 1834   | 29208  | 0.38% | 0.012% |
| 109 | 8.363  | 8.317  | 8.401  | VV | 2943   | 84099  | 1.11% | 0.035% |
| 110 | 8.414  | 8.401  | 8.429  | VV | 1355   | 22395  | 0.29% | 0.009% |
| 111 | 8.467  | 8.429  | 8.484  | VV | 3763   | 78316  | 1.03% | 0.033% |
| 112 | 8.497  | 8.484  | 8.512  | VV | 2625   | 37664  | 0.50% | 0.016% |
| 113 | 8.543  | 8.512  | 8.570  | VV | 4865   | 96366  | 1.27% | 0.040% |
| 114 | 8.583  | 8.570  | 8.594  | VV | 1517   | 20385  | 0.27% | 0.009% |
| 115 | 8.651  | 8.594  | 8.677  | VV | 2916   | 94283  | 1.24% | 0.040% |
| 116 | 8.700  | 8.677  | 8.718  | VV | 2044   | 38617  | 0.51% | 0.016% |
| 117 | 8.743  | 8.718  | 8.808  | VV | 1787   | 73845  | 0.97% | 0.031% |
| 118 | 8.948  | 8.935  | 8.982  | VV | 7467   | 160541 | 2.11% | 0.067% |
| 119 | 8.998  | 8.982  | 9.021  | VV | 4537   | 89451  | 1.18% | 0.038% |
| 120 | 9.034  | 9.021  | 9.051  | VV | 3261   | 53482  | 0.70% | 0.022% |
| 121 | 9.082  | 9.051  | 9.124  | VV | 3940   | 119489 | 1.57% | 0.050% |
| 122 | 9.136  | 9.124  | 9.154  | VV | 2007   | 33763  | 0.44% | 0.014% |
| 123 | 9.161  | 9.154  | 9.170  | VV | 1811   | 16812  | 0.22% | 0.007% |
| 124 | 9.193  | 9.170  | 9.214  | VV | 2511   | 53910  | 0.71% | 0.023% |
| 125 | 9.232  | 9.214  | 9.251  | VV | 2811   | 49373  | 0.65% | 0.021% |
| 126 | 9.290  | 9.251  | 9.344  | VV | 2682   | 115433 | 1.52% | 0.048% |
| 127 | 9.368  | 9.344  | 9.389  | VV | 6661   | 103935 | 1.37% | 0.044% |
| 128 | 9.404  | 9.389  | 9.437  | VV | 3375   | 66273  | 0.87% | 0.028% |
| 129 | 9.457  | 9.437  | 9.483  | VV | 1958   | 40161  | 0.53% | 0.017% |
| 130 | 9.519  | 9.483  | 9.539  | VV | 3115   | 54999  | 0.72% | 0.023% |
| 131 | 9.556  | 9.539  | 9.584  | VV | 1944   | 40709  | 0.54% | 0.017% |
| 132 | 9.603  | 9.584  | 9.620  | VV | 1387   | 25714  | 0.34% | 0.011% |
| 133 | 9.657  | 9.620  | 9.688  | VV | 2818   | 63802  | 0.84% | 0.027% |
| 134 | 9.704  | 9.688  | 9.718  | VV | 1448   | 21740  | 0.29% | 0.009% |
| 135 | 9.745  | 9.718  | 9.797  | VV | 4821   | 122542 | 1.61% | 0.051% |
| 136 | 9.819  | 9.797  | 9.858  | VV | 2975   | 70292  | 0.92% | 0.029% |
| 137 | 9.882  | 9.858  | 9.908  | VV | 1787   | 46742  | 0.62% | 0.020% |
| 138 | 9.926  | 9.908  | 9.966  | VV | 1893   | 50012  | 0.66% | 0.021% |
| 139 | 9.983  | 9.966  | 9.998  | VV | 1027   | 16899  | 0.22% | 0.007% |
| 140 | 10.024 | 9.998  | 10.050 | VV | 8708   | 134076 | 1.76% | 0.056% |
| 141 | 10.066 | 10.050 | 10.086 | VV | 3365   | 59851  | 0.79% | 0.025% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.100 | 10.086 | 10.127 | VV | 2459   | 52047   | 0.68%  | 0.022% |
| 143 | 10.149 | 10.127 | 10.209 | VV | 7311   | 131821  | 1.73%  | 0.055% |
| 144 | 10.227 | 10.209 | 10.240 | VV | 1128   | 18043   | 0.24%  | 0.008% |
| 145 | 10.254 | 10.240 | 10.294 | VV | 1165   | 20326   | 0.27%  | 0.009% |
| 146 | 10.322 | 10.294 | 10.378 | PV | 1324   | 23578   | 0.31%  | 0.010% |
| 147 | 10.421 | 10.378 | 10.439 | VV | 379    | 5444    | 0.07%  | 0.002% |
| 148 | 10.486 | 10.439 | 10.511 | VV | 1947   | 33000   | 0.43%  | 0.014% |
| 149 | 10.536 | 10.511 | 10.564 | VV | 3230   | 51723   | 0.68%  | 0.022% |
| 150 | 10.592 | 10.564 | 10.607 | VV | 2426   | 36632   | 0.48%  | 0.015% |
| 151 | 10.624 | 10.607 | 10.648 | VV | 2991   | 50021   | 0.66%  | 0.021% |
| 152 | 10.673 | 10.648 | 10.711 | VV | 2139   | 46524   | 0.61%  | 0.020% |
| 153 | 10.740 | 10.711 | 10.777 | PV | 1856   | 34809   | 0.46%  | 0.015% |
| 154 | 10.810 | 10.777 | 10.856 | VV | 2706   | 68025   | 0.90%  | 0.029% |
| 155 | 10.888 | 10.856 | 10.926 | VV | 7621   | 127775  | 1.68%  | 0.054% |
| 156 | 10.956 | 10.926 | 10.988 | VV | 6730   | 122084  | 1.61%  | 0.051% |
| 157 | 11.010 | 10.988 | 11.033 | VV | 1142   | 24705   | 0.33%  | 0.010% |
| 158 | 11.046 | 11.033 | 11.061 | VV | 581    | 7425    | 0.10%  | 0.003% |
| 159 | 11.077 | 11.061 | 11.090 | VV | 464    | 5928    | 0.08%  | 0.002% |
| 160 | 11.145 | 11.090 | 11.201 | VV | 36164  | 508984  | 6.70%  | 0.213% |
| 161 | 11.226 | 11.201 | 11.256 | VV | 5323   | 97277   | 1.28%  | 0.041% |
| 162 | 11.300 | 11.256 | 11.324 | VV | 4060   | 85916   | 1.13%  | 0.036% |
| 163 | 11.341 | 11.324 | 11.379 | VV | 987    | 18179   | 0.24%  | 0.008% |
| 164 | 11.395 | 11.379 | 11.416 | VV | 695    | 7316    | 0.10%  | 0.003% |
| 165 | 11.446 | 11.416 | 11.478 | PV | 2126   | 36665   | 0.48%  | 0.015% |
| 166 | 11.523 | 11.478 | 11.567 | VV | 2005   | 58397   | 0.77%  | 0.024% |
| 167 | 11.591 | 11.567 | 11.641 | VV | 8466   | 121889  | 1.60%  | 0.051% |
| 168 | 11.676 | 11.641 | 11.717 | VV | 7931   | 156292  | 2.06%  | 0.066% |
| 169 | 11.744 | 11.717 | 11.755 | VV | 1214   | 18071   | 0.24%  | 0.008% |
| 170 | 11.799 | 11.755 | 11.820 | VV | 3844   | 83966   | 1.10%  | 0.035% |
| 171 | 11.839 | 11.820 | 11.868 | VV | 3547   | 63512   | 0.84%  | 0.027% |
| 172 | 11.910 | 11.868 | 11.935 | VV | 402609 | 4291448 | 56.47% | 1.799% |
| 173 | 11.949 | 11.935 | 11.965 | VV | 14116  | 174925  | 2.30%  | 0.073% |
| 174 | 11.981 | 11.965 | 12.015 | VV | 14259  | 210362  | 2.77%  | 0.088% |
| 175 | 12.064 | 12.015 | 12.079 | VV | 5033   | 112045  | 1.47%  | 0.047% |
| 176 | 12.097 | 12.079 | 12.113 | VV | 9035   | 117022  | 1.54%  | 0.049% |
| 177 | 12.129 | 12.113 | 12.168 | VV | 9087   | 137395  | 1.81%  | 0.058% |
| 178 | 12.198 | 12.168 | 12.218 | VV | 943    | 20846   | 0.27%  | 0.009% |
| 179 | 12.260 | 12.218 | 12.295 | PV | 7331   | 126395  | 1.66%  | 0.053% |
| 180 | 12.315 | 12.295 | 12.333 | VV | 3745   | 57356   | 0.75%  | 0.024% |
| 181 | 12.350 | 12.333 | 12.380 | VV | 3343   | 57188   | 0.75%  | 0.024% |
| 182 | 12.402 | 12.380 | 12.414 | VV | 2862   | 39115   | 0.51%  | 0.016% |
| 183 | 12.425 | 12.414 | 12.440 | VV | 2423   | 31257   | 0.41%  | 0.013% |
| 184 | 12.450 | 12.440 | 12.464 | VV | 1899   | 21984   | 0.29%  | 0.009% |
| 185 | 12.508 | 12.464 | 12.551 | VV | 20873  | 316695  | 4.17%  | 0.133% |
| 186 | 12.567 | 12.551 | 12.583 | VV | 1630   | 25369   | 0.33%  | 0.011% |
| 187 | 12.599 | 12.583 | 12.609 | VV | 1823   | 21704   | 0.29%  | 0.009% |
| 188 | 12.628 | 12.609 | 12.660 | VV | 3261   | 67317   | 0.89%  | 0.028% |
| 189 | 12.694 | 12.660 | 12.712 | VV | 2258   | 59339   | 0.78%  | 0.025% |
| 190 | 12.739 | 12.712 | 12.784 | VV | 3963   | 91187   | 1.20%  | 0.038% |
| 191 | 12.848 | 12.784 | 12.871 | VV | 9507   | 169383  | 2.23%  | 0.071% |
| 192 | 12.900 | 12.871 | 12.940 | VV | 9975   | 203700  | 2.68%  | 0.085% |
| 193 | 12.965 | 12.940 | 13.034 | VV | 21296  | 309211  | 4.07%  | 0.130% |
| 194 | 13.064 | 13.034 | 13.078 | VV | 1148   | 18651   | 0.25%  | 0.008% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.120 | 13.078 | 13.138 | VV | 4255   | 70861   | 0.93%  | 0.030% |
| 196 | 13.155 | 13.138 | 13.174 | VV | 2908   | 41955   | 0.55%  | 0.018% |
| 197 | 13.207 | 13.174 | 13.238 | VV | 1926   | 53921   | 0.71%  | 0.023% |
| 198 | 13.263 | 13.238 | 13.304 | PV | 19608  | 272098  | 3.58%  | 0.114% |
| 199 | 13.347 | 13.304 | 13.376 | VV | 286234 | 3522180 | 46.35% | 1.477% |
| 200 | 13.388 | 13.376 | 13.424 | VV | 8706   | 129410  | 1.70%  | 0.054% |
| 201 | 13.447 | 13.424 | 13.488 | VV | 2284   | 49080   | 0.65%  | 0.021% |
| 202 | 13.514 | 13.488 | 13.541 | VV | 7474   | 127080  | 1.67%  | 0.053% |
| 203 | 13.593 | 13.541 | 13.643 | VV | 3927   | 157017  | 2.07%  | 0.066% |
| 204 | 13.659 | 13.643 | 13.671 | VV | 2004   | 23120   | 0.30%  | 0.010% |
| 205 | 13.690 | 13.671 | 13.707 | VV | 1989   | 30422   | 0.40%  | 0.013% |
| 206 | 13.739 | 13.707 | 13.765 | VV | 3521   | 75804   | 1.00%  | 0.032% |
| 207 | 13.774 | 13.765 | 13.804 | VV | 1405   | 26065   | 0.34%  | 0.011% |
| 208 | 13.856 | 13.804 | 13.880 | VV | 4272   | 83285   | 1.10%  | 0.035% |
| 209 | 13.894 | 13.880 | 13.914 | VV | 1457   | 22052   | 0.29%  | 0.009% |
| 210 | 13.924 | 13.914 | 13.937 | VV | 1020   | 10786   | 0.14%  | 0.005% |
| 211 | 13.964 | 13.937 | 13.984 | VV | 2446   | 40517   | 0.53%  | 0.017% |
| 212 | 14.005 | 13.984 | 14.028 | VV | 3313   | 59039   | 0.78%  | 0.025% |
| 213 | 14.045 | 14.028 | 14.072 | VV | 2485   | 44162   | 0.58%  | 0.019% |
| 214 | 14.100 | 14.072 | 14.118 | VV | 8150   | 115081  | 1.51%  | 0.048% |
| 215 | 14.130 | 14.118 | 14.158 | VV | 4663   | 76079   | 1.00%  | 0.032% |
| 216 | 14.172 | 14.158 | 14.192 | VV | 2754   | 36894   | 0.49%  | 0.015% |
| 217 | 14.239 | 14.192 | 14.286 | VV | 1292   | 42418   | 0.56%  | 0.018% |
| 218 | 14.340 | 14.286 | 14.418 | PV | 1645   | 69558   | 0.92%  | 0.029% |
| 219 | 14.482 | 14.418 | 14.495 | VV | 2939   | 53544   | 0.70%  | 0.022% |
| 220 | 14.512 | 14.495 | 14.545 | VV | 2520   | 61382   | 0.81%  | 0.026% |
| 221 | 14.608 | 14.545 | 14.636 | VV | 3436   | 107325  | 1.41%  | 0.045% |
| 222 | 14.661 | 14.636 | 14.684 | VV | 6414   | 89855   | 1.18%  | 0.038% |
| 223 | 14.725 | 14.684 | 14.744 | VV | 2732   | 81193   | 1.07%  | 0.034% |
| 224 | 14.771 | 14.744 | 14.814 | VV | 3458   | 94460   | 1.24%  | 0.040% |
| 225 | 14.832 | 14.814 | 14.854 | VV | 2723   | 39372   | 0.52%  | 0.017% |
| 226 | 14.865 | 14.854 | 14.894 | VV | 1169   | 20352   | 0.27%  | 0.009% |
| 227 | 14.915 | 14.894 | 14.931 | VV | 1942   | 30326   | 0.40%  | 0.013% |
| 228 | 14.949 | 14.931 | 14.971 | VV | 2014   | 34852   | 0.46%  | 0.015% |
| 229 | 14.988 | 14.971 | 15.006 | VV | 1736   | 23622   | 0.31%  | 0.010% |
| 230 | 15.037 | 15.006 | 15.053 | VV | 1977   | 36222   | 0.48%  | 0.015% |
| 231 | 15.064 | 15.053 | 15.080 | VV | 1667   | 23041   | 0.30%  | 0.010% |
| 232 | 15.149 | 15.080 | 15.170 | VV | 6446   | 168645  | 2.22%  | 0.071% |
| 233 | 15.197 | 15.170 | 15.224 | VV | 9470   | 199163  | 2.62%  | 0.084% |
| 234 | 15.245 | 15.224 | 15.264 | VV | 2841   | 61113   | 0.80%  | 0.026% |
| 235 | 15.299 | 15.264 | 15.323 | VV | 3752   | 106462  | 1.40%  | 0.045% |
| 236 | 15.340 | 15.323 | 15.372 | VV | 3455   | 83348   | 1.10%  | 0.035% |
| 237 | 15.398 | 15.372 | 15.420 | VV | 2476   | 61537   | 0.81%  | 0.026% |
| 238 | 15.458 | 15.420 | 15.485 | VV | 3581   | 99368   | 1.31%  | 0.042% |
| 239 | 15.512 | 15.485 | 15.554 | VV | 3430   | 120633  | 1.59%  | 0.051% |
| 240 | 15.599 | 15.554 | 15.681 | VV | 19108  | 588748  | 7.75%  | 0.247% |
| 241 | 15.723 | 15.681 | 15.764 | VV | 10161  | 268726  | 3.54%  | 0.113% |
| 242 | 15.793 | 15.764 | 15.805 | VV | 6856   | 141347  | 1.86%  | 0.059% |
| 243 | 15.819 | 15.805 | 15.839 | VV | 7776   | 131665  | 1.73%  | 0.055% |
| 244 | 15.859 | 15.839 | 15.884 | VV | 6790   | 150120  | 1.98%  | 0.063% |
| 245 | 15.906 | 15.884 | 15.918 | VV | 5442   | 96785   | 1.27%  | 0.041% |
| 246 | 15.942 | 15.918 | 15.953 | VV | 6319   | 117676  | 1.55%  | 0.049% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.984 | 15.953 | 16.024 | VV | 8168   | 283072  | 3.72%  | 0.119% |
| 248    | 16.077 | 16.024 | 16.090 | VV | 6662   | 243280  | 3.20%  | 0.102% |
| 249    | 16.118 | 16.090 | 16.131 | VV | 8136   | 188213  | 2.48%  | 0.079% |
| 250    | 16.182 | 16.131 | 16.196 | VV | 8937   | 321166  | 4.23%  | 0.135% |
|        |        |        |        |    |        |         |        |        |
| 251    | 16.224 | 16.196 | 16.271 | VV | 13472  | 484116  | 6.37%  | 0.203% |
| 252    | 16.285 | 16.271 | 16.304 | VV | 10312  | 191780  | 2.52%  | 0.080% |
| 253    | 16.325 | 16.304 | 16.374 | VV | 9870   | 370778  | 4.88%  | 0.155% |
| 254    | 16.413 | 16.374 | 16.448 | VV | 13603  | 508394  | 6.69%  | 0.213% |
| 255    | 16.508 | 16.448 | 16.544 | VV | 14371  | 731394  | 9.62%  | 0.307% |
|        |        |        |        |    |        |         |        |        |
| 256    | 16.617 | 16.544 | 16.654 | VV | 19750  | 967877  | 12.74% | 0.406% |
| 257    | 16.708 | 16.654 | 16.761 | VV | 30414  | 1204971 | 15.86% | 0.505% |
| 258    | 16.801 | 16.761 | 16.814 | VV | 19198  | 561507  | 7.39%  | 0.235% |
| 259    | 16.844 | 16.814 | 16.861 | VV | 21395  | 545678  | 7.18%  | 0.229% |
| 260    | 16.872 | 16.861 | 16.897 | VV | 19360  | 408877  | 5.38%  | 0.171% |
|        |        |        |        |    |        |         |        |        |
| 261    | 16.917 | 16.897 | 16.958 | VV | 21383  | 713165  | 9.38%  | 0.299% |
| 262    | 16.998 | 16.958 | 17.007 | VV | 21038  | 591700  | 7.79%  | 0.248% |
| 263    | 17.029 | 17.007 | 17.074 | VV | 23861  | 879824  | 11.58% | 0.369% |
| 264    | 17.092 | 17.074 | 17.124 | VV | 25459  | 685026  | 9.01%  | 0.287% |
| 265    | 17.198 | 17.124 | 17.218 | VV | 33890  | 1551252 | 20.41% | 0.650% |
|        |        |        |        |    |        |         |        |        |
| 266    | 17.232 | 17.218 | 17.288 | VV | 29636  | 1147499 | 15.10% | 0.481% |
| 267    | 17.345 | 17.288 | 17.383 | VV | 29408  | 1550386 | 20.40% | 0.650% |
| 268    | 17.419 | 17.383 | 17.443 | VV | 32681  | 1087953 | 14.32% | 0.456% |
| 269    | 17.492 | 17.443 | 17.523 | VV | 35168  | 1504561 | 19.80% | 0.631% |
| 270    | 17.568 | 17.523 | 17.578 | VV | 37446  | 1111581 | 14.63% | 0.466% |
|        |        |        |        |    |        |         |        |        |
| 271    | 17.591 | 17.578 | 17.604 | VV | 39475  | 602591  | 7.93%  | 0.253% |
| 272    | 17.626 | 17.604 | 17.646 | VV | 51303  | 1074493 | 14.14% | 0.451% |
| 273    | 17.659 | 17.646 | 17.679 | VV | 37331  | 714643  | 9.40%  | 0.300% |
| 274    | 17.699 | 17.679 | 17.720 | VV | 37006  | 852028  | 11.21% | 0.357% |
| 275    | 17.740 | 17.720 | 17.771 | VV | 40847  | 1135053 | 14.94% | 0.476% |
|        |        |        |        |    |        |         |        |        |
| 276    | 17.801 | 17.771 | 17.819 | VV | 39752  | 1052833 | 13.85% | 0.441% |
| 277    | 17.826 | 17.819 | 17.851 | VV | 36997  | 688666  | 9.06%  | 0.289% |
| 278    | 17.895 | 17.851 | 17.910 | VV | 37368  | 1240653 | 16.32% | 0.520% |
| 279    | 18.064 | 17.910 | 18.094 | VV | 55458  | 4713522 | 62.02% | 1.976% |
| 280    | 18.108 | 18.094 | 18.130 | VV | 42984  | 888909  | 11.70% | 0.373% |
|        |        |        |        |    |        |         |        |        |
| 281    | 18.152 | 18.130 | 18.173 | VV | 44969  | 1100268 | 14.48% | 0.461% |
| 282    | 18.209 | 18.173 | 18.278 | VV | 61541  | 3161265 | 41.60% | 1.325% |
| 283    | 18.302 | 18.278 | 18.324 | VV | 46250  | 1228614 | 16.17% | 0.515% |
| 284    | 18.382 | 18.324 | 18.404 | VV | 53193  | 2277721 | 29.97% | 0.955% |
| 285    | 18.440 | 18.404 | 18.460 | VV | 59129  | 1818553 | 23.93% | 0.762% |
|        |        |        |        |    |        |         |        |        |
| 286    | 18.486 | 18.460 | 18.528 | VV | 71161  | 2419160 | 31.83% | 1.014% |
| 287    | 18.577 | 18.528 | 18.634 | VV | 67124  | 3473071 | 45.70% | 1.456% |
| 288    | 18.645 | 18.634 | 18.687 | VV | 52430  | 1575267 | 20.73% | 0.660% |
| 289    | 18.722 | 18.687 | 18.782 | VV | 55078  | 2998509 | 39.46% | 1.257% |
| 290    | 18.801 | 18.782 | 18.824 | VV | 53467  | 1282397 | 16.87% | 0.538% |
|        |        |        |        |    |        |         |        |        |
| 291    | 18.895 | 18.824 | 18.954 | VV | 67710  | 4398618 | 57.88% | 1.844% |
| 292    | 19.001 | 18.954 | 19.024 | VV | 73210  | 2623886 | 34.53% | 1.100% |
| 293    | 19.053 | 19.024 | 19.113 | VV | 70064  | 3299667 | 43.42% | 1.383% |
| 294    | 19.131 | 19.113 | 19.142 | VV | 61062  | 1017557 | 13.39% | 0.427% |
| 295    | 19.174 | 19.142 | 19.218 | VV | 65473  | 2886152 | 37.98% | 1.210% |
|        |        |        |        |    |        |         |        |        |
| 296    | 19.261 | 19.218 | 19.315 | VV | 101110 | 4578485 | 60.25% | 1.920% |
| 297    | 19.331 | 19.315 | 19.354 | VV | 75894  | 1680948 | 22.12% | 0.705% |
| 298    | 19.383 | 19.354 | 19.405 | VV | 80101  | 2283113 | 30.04% | 0.957% |
| 299    | 19.424 | 19.405 | 19.462 | VV | 85408  | 2578335 | 33.93% | 1.081% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rters   |           |        |
| 300 | 19.479 | 19.462 | 19.514 | VV  | 69675                   | 2142843 | 28.20%    | 0.898% |
| 301 | 19.546 | 19.514 | 19.574 | VV  | 88927                   | 2852633 | 37.54%    | 1.196% |
| 302 | 19.583 | 19.574 | 19.641 | VV  | 75541                   | 2857864 | 37.60%    | 1.198% |
| 303 | 19.714 | 19.641 | 19.728 | VV  | 85909                   | 3949042 | 51.96%    | 1.656% |
| 304 | 19.745 | 19.728 | 19.768 | VV  | 81097                   | 1876706 | 24.69%    | 0.787% |
| 305 | 19.797 | 19.768 | 19.828 | VV  | 80543                   | 2787094 | 36.67%    | 1.169% |
| 306 | 19.838 | 19.828 | 19.864 | VV  | 76810                   | 1673344 | 22.02%    | 0.702% |
| 307 | 19.884 | 19.864 | 19.900 | VV  | 79433                   | 1672700 | 22.01%    | 0.701% |
| 308 | 19.914 | 19.900 | 19.921 | VV  | 79471                   | 990902  | 13.04%    | 0.415% |
| 309 | 19.932 | 19.921 | 19.957 | VV  | 79996                   | 1724377 | 22.69%    | 0.723% |
| 310 | 19.968 | 19.957 | 19.991 | VV  | 83928                   | 1630794 | 21.46%    | 0.684% |
| 311 | 20.033 | 19.991 | 20.088 | VV  | 93751                   | 4981260 | 65.55%    | 2.088% |
| 312 | 20.110 | 20.088 | 20.144 | VV  | 90106                   | 2913179 | 38.33%    | 1.221% |
| 313 | 20.217 | 20.144 | 20.228 | VV  | 88712                   | 4300126 | 56.58%    | 1.803% |
| 314 | 20.235 | 20.228 | 20.264 | VV  | 89125                   | 1896190 | 24.95%    | 0.795% |
| 315 | 20.303 | 20.264 | 20.318 | VV  | 91799                   | 2887268 | 37.99%    | 1.211% |
| 316 | 20.333 | 20.318 | 20.407 | VV  | 96080                   | 4982314 | 65.56%    | 2.089% |
| 317 | 20.425 | 20.407 | 20.439 | VV  | 98154                   | 1852901 | 24.38%    | 0.777% |
| 318 | 20.448 | 20.439 | 20.458 | VV  | 96916                   | 1058806 | 13.93%    | 0.444% |
| 319 | 20.494 | 20.458 | 20.553 | VV  | 104278                  | 5587953 | 73.53%    | 2.343% |
| 320 | 20.581 | 20.553 | 20.604 | VV  | 101754                  | 2984027 | 39.26%    | 1.251% |
| 321 | 20.633 | 20.604 | 20.661 | VV  | 105116                  | 3516400 | 46.27%    | 1.474% |
| 322 | 20.669 | 20.661 | 20.707 | VV  | 104622                  | 2833970 | 37.29%    | 1.188% |
| 323 | 20.728 | 20.707 | 20.753 | VV  | 104903                  | 2837317 | 37.33%    | 1.190% |
| 324 | 20.782 | 20.753 | 20.808 | VV  | 107734                  | 3373743 | 44.39%    | 1.415% |
| 325 | 20.822 | 20.808 | 20.849 | VV  | 103962                  | 2545606 | 33.50%    | 1.067% |
| 326 | 20.898 | 20.849 | 20.955 | VV  | 105070                  | 6458460 | 84.98%    | 2.708% |
| 327 | 21.007 | 20.955 | 21.038 | VV  | 101025                  | 4911022 | 64.62%    | 2.059% |
| 328 | 21.042 | 21.038 | 21.092 | VV  | 101100                  | 3171941 | 41.74%    | 1.330% |
| 329 | 21.117 | 21.092 | 21.225 | VV  | 95753                   | 7499640 | 98.68%    | 3.144% |
| 330 | 21.252 | 21.225 | 21.298 | VV  | 92247                   | 3961517 | 52.13%    | 1.661% |
| 331 | 21.312 | 21.298 | 21.341 | VV  | 91137                   | 2322849 | 30.56%    | 0.974% |
| 332 | 21.361 | 21.341 | 21.419 | VV  | 89389                   | 4083676 | 53.73%    | 1.712% |
| 333 | 21.429 | 21.419 | 21.463 | VV  | 89481                   | 2280881 | 30.01%    | 0.956% |
| 334 | 21.476 | 21.463 | 21.508 | VV  | 86417                   | 2282340 | 30.03%    | 0.957% |
| 335 | 21.518 | 21.508 | 21.525 | VV  | 84505                   | 844543  | 11.11%    | 0.354% |
| 336 | 21.533 | 21.525 | 21.577 | VV  | 84251                   | 2624180 | 34.53%    | 1.100% |
| 337 | 21.592 | 21.577 | 21.738 | VV  | 85428                   | 7599738 | 100.00%   | 3.186% |
| 338 | 21.746 | 21.738 | 21.784 | VV  | 77126                   | 2110707 | 27.77%    | 0.885% |
| 339 | 21.801 | 21.784 | 21.854 | VV  | 75291                   | 3092612 | 40.69%    | 1.297% |
| 340 | 21.858 | 21.854 | 21.865 | VV  | 73256                   | 460605  | 6.06%     | 0.193% |
| 341 | 21.872 | 21.865 | 21.911 | VV  | 72597                   | 1969028 | 25.91%    | 0.826% |
| 342 | 21.928 | 21.911 | 21.958 | VV  | 71462                   | 1961096 | 25.80%    | 0.822% |
| 343 | 21.965 | 21.958 | 21.978 | VV  | 69986                   | 836016  | 11.00%    | 0.351% |
| 344 | 22.017 | 21.978 | 22.048 | VV  | 70251                   | 2879599 | 37.89%    | 1.207% |
| 345 | 22.064 | 22.048 | 22.139 | VV  | 71702                   | 3708965 | 48.80%    | 1.555% |
| 346 | 22.145 | 22.139 | 22.178 | VV  | 65428                   | 1464813 | 19.27%    | 0.614% |
| 347 | 22.189 | 22.178 | 22.201 | VBA | 63414                   | 1008223 | 13.27%    | 0.423% |
|     |        |        |        |     | Sum of corrected areas: |         | 238510712 |        |

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