

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042922AL\  
 Data File : FD042198.D  
 Signal(s) : FID2B.CH  
 Acq On : 29 Apr 2022 15:11  
 Sample : N2604-01  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 042122.M  
 Title : GC Extractables

Signal : FID2B.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         | 3.054       | 3.005        | 3.115      | BV       | 343            | 8248         | 0.00%          | 0.001%        |
| 2         | 3.130       | 3.115        | 3.140      | PV       | 465            | 3272         | 0.00%          | 0.000%        |
| 3         | 3.149       | 3.140        | 3.165      | VV       | 431            | 2200         | 0.00%          | 0.000%        |
| 4         | 3.175       | 3.165        | 3.190      | PV       | 397            | 4457         | 0.00%          | 0.000%        |
| 5         | 3.203       | 3.190        | 3.251      | VV       | 548            | 6823         | 0.00%          | 0.001%        |
| 6         | 3.260       | 3.251        | 3.271      | VV       | 139            | 970          | 0.00%          | 0.000%        |
| 7         | 3.294       | 3.271        | 3.332      | VV       | 291            | 6437         | 0.00%          | 0.001%        |
| 8         | 3.357       | 3.332        | 3.380      | PV       | 642            | 7247         | 0.00%          | 0.001%        |
| 9         | 3.395       | 3.380        | 3.415      | VV       | 359            | 3505         | 0.00%          | 0.000%        |
| 10        | 3.421       | 3.415        | 3.442      | VV       | 347            | 2740         | 0.00%          | 0.000%        |
| 11        | 3.479       | 3.442        | 3.491      | VV       | 281            | 4852         | 0.00%          | 0.000%        |
| 12        | 3.496       | 3.491        | 3.525      | VV       | 302            | 2690         | 0.00%          | 0.000%        |
| 13        | 3.575       | 3.525        | 3.585      | PV       | 520            | 7705         | 0.00%          | 0.001%        |
| 14        | 3.652       | 3.585        | 3.681      | VV       | 703            | 20051        | 0.00%          | 0.002%        |
| 15        | 3.693       | 3.681        | 3.701      | PV       | 357            | 2084         | 0.00%          | 0.000%        |
| 16        | 3.726       | 3.701        | 3.760      | VV       | 601            | 15028        | 0.00%          | 0.002%        |
| 17        | 3.772       | 3.760        | 3.805      | VV       | 742            | 10320        | 0.00%          | 0.001%        |
| 18        | 3.811       | 3.805        | 3.827      | VV       | 374            | 3437         | 0.00%          | 0.000%        |
| 19        | 3.910       | 3.827        | 3.961      | VV       | 1146           | 46462        | 0.01%          | 0.005%        |
| 20        | 3.977       | 3.961        | 4.001      | VV       | 628            | 11490        | 0.00%          | 0.001%        |
| 21        | 4.012       | 4.001        | 4.035      | VV       | 502            | 6511         | 0.00%          | 0.001%        |
| 22        | 4.054       | 4.035        | 4.099      | VV       | 441            | 10261        | 0.00%          | 0.001%        |
| 23        | 4.127       | 4.099        | 4.211      | VV       | 1331           | 29622        | 0.01%          | 0.003%        |
| 24        | 4.224       | 4.211        | 4.251      | VV       | 336            | 2566         | 0.00%          | 0.000%        |
| 25        | 4.267       | 4.251        | 4.281      | PV       | 327            | 4583         | 0.00%          | 0.000%        |
| 26        | 4.310       | 4.281        | 4.343      | VV       | 1302           | 19139        | 0.00%          | 0.002%        |
| 27        | 4.362       | 4.343        | 4.378      | VV       | 648            | 8122         | 0.00%          | 0.001%        |
| 28        | 4.390       | 4.378        | 4.450      | VV       | 531            | 13284        | 0.00%          | 0.001%        |
| 29        | 4.497       | 4.450        | 4.537      | VV       | 510            | 14651        | 0.00%          | 0.001%        |
| 30        | 4.563       | 4.537        | 4.600      | VV       | 1511           | 19514        | 0.00%          | 0.002%        |
| 31        | 4.613       | 4.600        | 4.625      | PV       | 119            | 1180         | 0.00%          | 0.000%        |
| 32        | 4.636       | 4.625        | 4.697      | VV       | 317            | 6455         | 0.00%          | 0.001%        |
| 33        | 4.716       | 4.697        | 4.730      | PV       | 476            | 5007         | 0.00%          | 0.001%        |
| 34        | 4.747       | 4.730        | 4.763      | VV       | 831            | 10734        | 0.00%          | 0.001%        |
| 35        | 4.786       | 4.763        | 4.815      | VV       | 1223           | 22589        | 0.01%          | 0.002%        |
| 36        | 4.845       | 4.815        | 4.875      | VV       | 1141           | 20337        | 0.00%          | 0.002%        |

|    |       |       |       |    | rteres |         |       |        |
|----|-------|-------|-------|----|--------|---------|-------|--------|
| 37 | 4.932 | 4.875 | 4.963 | VV | 973    | 30131   | 0.01% | 0.003% |
| 38 | 4.988 | 4.963 | 5.004 | VV | 1684   | 29962   | 0.01% | 0.003% |
| 39 | 5.021 | 5.004 | 5.058 | VV | 1593   | 37078   | 0.01% | 0.004% |
| 40 | 5.079 | 5.058 | 5.118 | VV | 928    | 21351   | 0.00% | 0.002% |
| 41 | 5.141 | 5.118 | 5.210 | PV | 8997   | 131369  | 0.03% | 0.013% |
| 42 | 5.242 | 5.210 | 5.281 | VV | 1128   | 34054   | 0.01% | 0.003% |
| 43 | 5.299 | 5.281 | 5.314 | VV | 2271   | 27728   | 0.01% | 0.003% |
| 44 | 5.326 | 5.314 | 5.361 | VV | 1582   | 27406   | 0.01% | 0.003% |
| 45 | 5.379 | 5.361 | 5.395 | VV | 1287   | 15610   | 0.00% | 0.002% |
| 46 | 5.417 | 5.395 | 5.454 | VV | 3890   | 73755   | 0.02% | 0.007% |
| 47 | 5.472 | 5.454 | 5.485 | VV | 1557   | 23562   | 0.01% | 0.002% |
| 48 | 5.503 | 5.485 | 5.568 | VV | 2806   | 71410   | 0.02% | 0.007% |
| 49 | 5.584 | 5.568 | 5.613 | VV | 1717   | 27136   | 0.01% | 0.003% |
| 50 | 5.635 | 5.613 | 5.668 | VV | 1635   | 32497   | 0.01% | 0.003% |
| 51 | 5.695 | 5.668 | 5.751 | VV | 2209   | 76303   | 0.02% | 0.008% |
| 52 | 5.772 | 5.751 | 5.790 | VV | 2722   | 34278   | 0.01% | 0.003% |
| 53 | 5.836 | 5.790 | 5.869 | VV | 3584   | 95787   | 0.02% | 0.010% |
| 54 | 5.888 | 5.869 | 5.899 | VV | 1838   | 21396   | 0.00% | 0.002% |
| 55 | 5.907 | 5.899 | 5.917 | VV | 1286   | 13161   | 0.00% | 0.001% |
| 56 | 5.934 | 5.917 | 5.967 | VV | 2144   | 38867   | 0.01% | 0.004% |
| 57 | 5.991 | 5.967 | 6.007 | VV | 1589   | 27026   | 0.01% | 0.003% |
| 58 | 6.038 | 6.007 | 6.087 | VV | 2717   | 74063   | 0.02% | 0.007% |
| 59 | 6.112 | 6.087 | 6.161 | VV | 16576  | 205400  | 0.05% | 0.021% |
| 60 | 6.170 | 6.161 | 6.177 | VV | 428    | 3555    | 0.00% | 0.000% |
| 61 | 6.194 | 6.177 | 6.207 | VV | 957    | 10911   | 0.00% | 0.001% |
| 62 | 6.224 | 6.207 | 6.238 | VV | 2019   | 24504   | 0.01% | 0.002% |
| 63 | 6.257 | 6.238 | 6.285 | VV | 7398   | 93504   | 0.02% | 0.009% |
| 64 | 6.302 | 6.285 | 6.314 | VV | 1341   | 19880   | 0.00% | 0.002% |
| 65 | 6.327 | 6.314 | 6.337 | VV | 1598   | 17437   | 0.00% | 0.002% |
| 66 | 6.350 | 6.337 | 6.365 | VV | 1795   | 19714   | 0.00% | 0.002% |
| 67 | 6.383 | 6.365 | 6.402 | VV | 3503   | 42262   | 0.01% | 0.004% |
| 68 | 6.419 | 6.402 | 6.437 | VV | 2803   | 36646   | 0.01% | 0.004% |
| 69 | 6.454 | 6.437 | 6.470 | VV | 2401   | 32776   | 0.01% | 0.003% |
| 70 | 6.496 | 6.470 | 6.555 | VV | 7452   | 147619  | 0.03% | 0.015% |
| 71 | 6.577 | 6.555 | 6.590 | VV | 2231   | 31635   | 0.01% | 0.003% |
| 72 | 6.616 | 6.590 | 6.637 | VV | 4360   | 80460   | 0.02% | 0.008% |
| 73 | 6.661 | 6.637 | 6.687 | VV | 4904   | 76016   | 0.02% | 0.008% |
| 74 | 6.714 | 6.687 | 6.747 | VV | 5465   | 123885  | 0.03% | 0.012% |
| 75 | 6.762 | 6.747 | 6.779 | VV | 4608   | 52274   | 0.01% | 0.005% |
| 76 | 6.803 | 6.779 | 6.838 | VV | 7553   | 113366  | 0.03% | 0.011% |
| 77 | 6.861 | 6.838 | 6.879 | VV | 3905   | 53776   | 0.01% | 0.005% |
| 78 | 6.897 | 6.879 | 6.912 | VV | 2527   | 34573   | 0.01% | 0.003% |
| 79 | 6.923 | 6.912 | 6.934 | VV | 1594   | 17744   | 0.00% | 0.002% |
| 80 | 6.953 | 6.934 | 6.971 | VV | 1601   | 29881   | 0.01% | 0.003% |
| 81 | 6.996 | 6.971 | 7.005 | VV | 7083   | 80498   | 0.02% | 0.008% |
| 82 | 7.024 | 7.005 | 7.083 | VV | 30163  | 412618  | 0.09% | 0.041% |
| 83 | 7.092 | 7.083 | 7.156 | VV | 2568   | 77599   | 0.02% | 0.008% |
| 84 | 7.192 | 7.156 | 7.222 | VV | 7151   | 139449  | 0.03% | 0.014% |
| 85 | 7.239 | 7.222 | 7.264 | VV | 2507   | 39217   | 0.01% | 0.004% |
| 86 | 7.281 | 7.264 | 7.297 | VV | 2206   | 25309   | 0.01% | 0.003% |
| 87 | 7.323 | 7.297 | 7.420 | VV | 620497 | 6760191 | 1.50% | 0.675% |
| 88 | 7.444 | 7.420 | 7.458 | VV | 5719   | 116132  | 0.03% | 0.012% |
| 89 | 7.475 | 7.458 | 7.521 | VV | 7025   | 174827  | 0.04% | 0.017% |

|     |       |       |        |    |        |         |       |        |
|-----|-------|-------|--------|----|--------|---------|-------|--------|
|     |       |       |        |    | rteres |         |       |        |
| 90  | 7.540 | 7.521 | 7.558  | VV | 5417   | 82720   | 0.02% | 0.008% |
| 91  | 7.584 | 7.558 | 7.598  | VV | 6755   | 99604   | 0.02% | 0.010% |
| 92  | 7.611 | 7.598 | 7.622  | VV | 5722   | 66654   | 0.01% | 0.007% |
| 93  | 7.637 | 7.622 | 7.661  | VV | 7736   | 107984  | 0.02% | 0.011% |
| 94  | 7.673 | 7.661 | 7.686  | VV | 1803   | 25881   | 0.01% | 0.003% |
| 95  | 7.708 | 7.686 | 7.732  | VV | 9779   | 130051  | 0.03% | 0.013% |
| 96  | 7.743 | 7.732 | 7.768  | VV | 2654   | 45548   | 0.01% | 0.005% |
| 97  | 7.791 | 7.768 | 7.804  | VV | 4579   | 66619   | 0.01% | 0.007% |
| 98  | 7.852 | 7.804 | 7.867  | VV | 12994  | 285551  | 0.06% | 0.029% |
| 99  | 7.886 | 7.867 | 7.918  | VV | 41206  | 546737  | 0.12% | 0.055% |
| 100 | 7.929 | 7.918 | 7.961  | VV | 5535   | 117944  | 0.03% | 0.012% |
| 101 | 7.985 | 7.961 | 8.016  | VV | 10080  | 213861  | 0.05% | 0.021% |
| 102 | 8.030 | 8.016 | 8.046  | VV | 4482   | 72742   | 0.02% | 0.007% |
| 103 | 8.057 | 8.046 | 8.069  | VV | 4088   | 47357   | 0.01% | 0.005% |
| 104 | 8.091 | 8.069 | 8.137  | VV | 5815   | 125399  | 0.03% | 0.013% |
| 105 | 8.173 | 8.137 | 8.273  | VV | 376669 | 4602208 | 1.02% | 0.460% |
| 106 | 8.301 | 8.273 | 8.359  | VV | 8388   | 332902  | 0.07% | 0.033% |
| 107 | 8.374 | 8.359 | 8.398  | VV | 6754   | 119670  | 0.03% | 0.012% |
| 108 | 8.416 | 8.398 | 8.450  | VV | 16373  | 234894  | 0.05% | 0.023% |
| 109 | 8.469 | 8.450 | 8.500  | VV | 5895   | 110106  | 0.02% | 0.011% |
| 110 | 8.533 | 8.500 | 8.548  | VV | 3608   | 76978   | 0.02% | 0.008% |
| 111 | 8.559 | 8.548 | 8.575  | VV | 3211   | 44555   | 0.01% | 0.004% |
| 112 | 8.590 | 8.575 | 8.603  | VV | 2813   | 40353   | 0.01% | 0.004% |
| 113 | 8.634 | 8.603 | 8.658  | VV | 4163   | 107985  | 0.02% | 0.011% |
| 114 | 8.701 | 8.658 | 8.751  | VV | 43267  | 624094  | 0.14% | 0.062% |
| 115 | 8.781 | 8.751 | 8.803  | VV | 4636   | 100657  | 0.02% | 0.010% |
| 116 | 8.820 | 8.803 | 8.829  | VV | 3180   | 40246   | 0.01% | 0.004% |
| 117 | 8.836 | 8.829 | 8.862  | VV | 3108   | 42208   | 0.01% | 0.004% |
| 118 | 8.891 | 8.862 | 8.902  | VV | 2555   | 47170   | 0.01% | 0.005% |
| 119 | 8.913 | 8.902 | 8.929  | VV | 2660   | 37897   | 0.01% | 0.004% |
| 120 | 8.938 | 8.929 | 8.951  | VV | 2331   | 26911   | 0.01% | 0.003% |
| 121 | 8.974 | 8.951 | 9.009  | VV | 3210   | 83533   | 0.02% | 0.008% |
| 122 | 9.024 | 9.009 | 9.039  | VV | 2085   | 34263   | 0.01% | 0.003% |
| 123 | 9.069 | 9.039 | 9.102  | VV | 8404   | 186966  | 0.04% | 0.019% |
| 124 | 9.154 | 9.102 | 9.177  | VV | 5790   | 186032  | 0.04% | 0.019% |
| 125 | 9.201 | 9.177 | 9.219  | VV | 6966   | 110802  | 0.02% | 0.011% |
| 126 | 9.252 | 9.219 | 9.285  | VV | 5979   | 144423  | 0.03% | 0.014% |
| 127 | 9.303 | 9.285 | 9.318  | VV | 2428   | 44845   | 0.01% | 0.004% |
| 128 | 9.320 | 9.318 | 9.338  | VV | 2299   | 23569   | 0.01% | 0.002% |
| 129 | 9.347 | 9.338 | 9.359  | VV | 1830   | 21104   | 0.00% | 0.002% |
| 130 | 9.424 | 9.359 | 9.447  | VV | 7893   | 199542  | 0.04% | 0.020% |
| 131 | 9.472 | 9.447 | 9.509  | VV | 45735  | 560155  | 0.12% | 0.056% |
| 132 | 9.544 | 9.509 | 9.562  | VV | 2871   | 68240   | 0.02% | 0.007% |
| 133 | 9.570 | 9.562 | 9.608  | VV | 2000   | 37101   | 0.01% | 0.004% |
| 134 | 9.634 | 9.608 | 9.662  | VV | 1660   | 34244   | 0.01% | 0.003% |
| 135 | 9.689 | 9.662 | 9.719  | VV | 1077   | 25784   | 0.01% | 0.003% |
| 136 | 9.752 | 9.719 | 9.778  | VV | 1137   | 29008   | 0.01% | 0.003% |
| 137 | 9.815 | 9.778 | 9.826  | VV | 4423   | 72001   | 0.02% | 0.007% |
| 138 | 9.855 | 9.826 | 9.884  | VV | 13913  | 274935  | 0.06% | 0.027% |
| 139 | 9.906 | 9.884 | 9.925  | VV | 4950   | 87583   | 0.02% | 0.009% |
| 140 | 9.945 | 9.925 | 9.974  | VV | 6361   | 115964  | 0.03% | 0.012% |
| 141 | 9.997 | 9.974 | 10.021 | VV | 6355   | 98151   | 0.02% | 0.010% |

|     |        |        |        |    | rteres  |           |         |         |
|-----|--------|--------|--------|----|---------|-----------|---------|---------|
| 142 | 10.050 | 10.021 | 10.071 | VV | 2473    | 52750     | 0.01%   | 0.005%  |
| 143 | 10.132 | 10.071 | 10.152 | VV | 3993    | 125929    | 0.03%   | 0.013%  |
| 144 | 10.205 | 10.152 | 10.234 | VV | 44496   | 631693    | 0.14%   | 0.063%  |
| 145 | 10.260 | 10.234 | 10.356 | VV | 44752   | 839253    | 0.19%   | 0.084%  |
| 146 | 10.394 | 10.356 | 10.406 | PV | 1748    | 34652     | 0.01%   | 0.003%  |
| 147 | 10.444 | 10.406 | 10.495 | VV | 22142   | 418372    | 0.09%   | 0.042%  |
| 148 | 10.538 | 10.495 | 10.565 | VV | 7421    | 212496    | 0.05%   | 0.021%  |
| 149 | 10.585 | 10.565 | 10.633 | VV | 6929    | 171581    | 0.04%   | 0.017%  |
| 150 | 10.655 | 10.633 | 10.686 | VV | 4890    | 80370     | 0.02%   | 0.008%  |
| 151 | 10.708 | 10.686 | 10.728 | VV | 3456    | 45037     | 0.01%   | 0.004%  |
| 152 | 10.751 | 10.728 | 10.788 | VV | 9569    | 122244    | 0.03%   | 0.012%  |
| 153 | 10.831 | 10.788 | 10.866 | VV | 6641    | 126803    | 0.03%   | 0.013%  |
| 154 | 10.903 | 10.866 | 10.935 | VV | 39323   | 495181    | 0.11%   | 0.049%  |
| 155 | 10.961 | 10.935 | 10.972 | VV | 10606   | 150830    | 0.03%   | 0.015%  |
| 156 | 10.990 | 10.972 | 11.031 | VV | 15010   | 254337    | 0.06%   | 0.025%  |
| 157 | 11.040 | 11.031 | 11.071 | VV | 1032    | 14270     | 0.00%   | 0.001%  |
| 158 | 11.101 | 11.071 | 11.127 | PV | 3646    | 63771     | 0.01%   | 0.006%  |
| 159 | 11.144 | 11.127 | 11.158 | VV | 2135    | 28558     | 0.01%   | 0.003%  |
| 160 | 11.202 | 11.158 | 11.232 | VV | 483802  | 5373279   | 1.19%   | 0.537%  |
| 161 | 11.242 | 11.232 | 11.263 | VV | 10383   | 155896    | 0.03%   | 0.016%  |
| 162 | 11.280 | 11.263 | 11.314 | VV | 9810    | 208579    | 0.05%   | 0.021%  |
| 163 | 11.349 | 11.314 | 11.367 | VV | 10283   | 248551    | 0.06%   | 0.025%  |
| 164 | 11.384 | 11.367 | 11.405 | VV | 11381   | 187155    | 0.04%   | 0.019%  |
| 165 | 11.428 | 11.405 | 11.437 | VV | 13176   | 182454    | 0.04%   | 0.018%  |
| 166 | 11.458 | 11.437 | 11.496 | VV | 65166   | 888916    | 0.20%   | 0.089%  |
| 167 | 11.525 | 11.496 | 11.542 | VV | 7396    | 139856    | 0.03%   | 0.014%  |
| 168 | 11.571 | 11.542 | 11.594 | VV | 34338   | 521511    | 0.12%   | 0.052%  |
| 169 | 11.658 | 11.594 | 11.707 | VV | 4114415 | 73258381  | 16.27%  | 7.316%  |
| 170 | 11.780 | 11.707 | 11.806 | VV | 26107   | 646699    | 0.14%   | 0.065%  |
| 171 | 11.882 | 11.806 | 11.934 | VV | 224051  | 5748942   | 1.28%   | 0.574%  |
| 172 | 11.948 | 11.934 | 11.984 | VV | 17889   | 411164    | 0.09%   | 0.041%  |
| 173 | 12.026 | 11.984 | 12.044 | VV | 54980   | 949220    | 0.21%   | 0.095%  |
| 174 | 12.054 | 12.044 | 12.069 | VV | 32495   | 418382    | 0.09%   | 0.042%  |
| 175 | 12.086 | 12.069 | 12.106 | VV | 39079   | 561766    | 0.12%   | 0.056%  |
| 176 | 12.135 | 12.106 | 12.159 | VV | 29306   | 613518    | 0.14%   | 0.061%  |
| 177 | 12.204 | 12.159 | 12.227 | VV | 63431   | 1119557   | 0.25%   | 0.112%  |
| 178 | 12.253 | 12.227 | 12.313 | VV | 100175  | 2359190   | 0.52%   | 0.236%  |
| 179 | 12.348 | 12.313 | 12.357 | VV | 15635   | 328092    | 0.07%   | 0.033%  |
| 180 | 12.372 | 12.357 | 12.408 | VV | 17370   | 399735    | 0.09%   | 0.040%  |
| 181 | 12.442 | 12.408 | 12.457 | VV | 16335   | 408874    | 0.09%   | 0.041%  |
| 182 | 12.481 | 12.457 | 12.516 | VV | 19494   | 589961    | 0.13%   | 0.059%  |
| 183 | 12.541 | 12.516 | 12.598 | VV | 66918   | 1793597   | 0.40%   | 0.179%  |
| 184 | 12.744 | 12.598 | 12.764 | VV | 9266808 | 450258675 | 100.00% | 44.968% |
| 185 | 12.791 | 12.764 | 12.821 | VV | 8630218 | 156680132 | 34.80%  | 15.648% |
| 186 | 12.845 | 12.821 | 12.859 | VV | 89148   | 1600833   | 0.36%   | 0.160%  |
| 187 | 12.914 | 12.859 | 12.931 | VV | 3272875 | 48872663  | 10.85%  | 4.881%  |
| 188 | 12.940 | 12.931 | 13.015 | VV | 269433  | 5264449   | 1.17%   | 0.526%  |
| 189 | 13.046 | 13.015 | 13.061 | VV | 97962   | 1983059   | 0.44%   | 0.198%  |
| 190 | 13.071 | 13.061 | 13.116 | VV | 77126   | 1896144   | 0.42%   | 0.189%  |
| 191 | 13.125 | 13.116 | 13.141 | VV | 44980   | 648216    | 0.14%   | 0.065%  |
| 192 | 13.174 | 13.141 | 13.193 | VV | 82043   | 1906961   | 0.42%   | 0.190%  |
| 193 | 13.207 | 13.193 | 13.226 | VV | 59671   | 1008472   | 0.22%   | 0.101%  |
| 194 | 13.235 | 13.226 | 13.254 | VV | 45057   | 735453    | 0.16%   | 0.073%  |

| rteres |        |        |        |    |        |         |       |        |
|--------|--------|--------|--------|----|--------|---------|-------|--------|
| 195    | 13.282 | 13.254 | 13.295 | VV | 65523  | 1315965 | 0.29% | 0.131% |
| 196    | 13.306 | 13.295 | 13.323 | VV | 57696  | 890345  | 0.20% | 0.089% |
| 197    | 13.337 | 13.323 | 13.378 | VV | 54920  | 1474081 | 0.33% | 0.147% |
| 198    | 13.401 | 13.378 | 13.440 | VV | 100910 | 2435595 | 0.54% | 0.243% |
| 199    | 13.451 | 13.440 | 13.480 | VV | 59876  | 1250487 | 0.28% | 0.125% |
| 200    | 13.512 | 13.480 | 13.555 | VV | 62352  | 2229105 | 0.50% | 0.223% |
| 201    | 13.609 | 13.555 | 13.621 | VV | 69634  | 1926994 | 0.43% | 0.192% |
| 202    | 13.630 | 13.621 | 13.651 | VV | 67419  | 1129092 | 0.25% | 0.113% |
| 203    | 13.680 | 13.651 | 13.718 | VV | 119748 | 3391896 | 0.75% | 0.339% |
| 204    | 13.729 | 13.718 | 13.754 | VV | 62961  | 1273392 | 0.28% | 0.127% |
| 205    | 13.787 | 13.754 | 13.821 | VV | 116756 | 3574434 | 0.79% | 0.357% |
| 206    | 13.851 | 13.821 | 13.862 | VV | 180091 | 3122545 | 0.69% | 0.312% |
| 207    | 13.878 | 13.862 | 13.930 | VV | 242211 | 4877134 | 1.08% | 0.487% |
| 208    | 13.958 | 13.930 | 13.991 | VV | 255755 | 4925657 | 1.09% | 0.492% |
| 209    | 14.017 | 13.991 | 14.055 | VV | 325121 | 5655825 | 1.26% | 0.565% |
| 210    | 14.075 | 14.055 | 14.095 | VV | 96053  | 1737062 | 0.39% | 0.173% |
| 211    | 14.128 | 14.095 | 14.149 | VV | 78399  | 1961627 | 0.44% | 0.196% |
| 212    | 14.178 | 14.149 | 14.247 | VV | 84725  | 3163215 | 0.70% | 0.316% |
| 213    | 14.294 | 14.247 | 14.314 | VV | 55784  | 1874485 | 0.42% | 0.187% |
| 214    | 14.338 | 14.314 | 14.365 | VV | 55664  | 1462032 | 0.32% | 0.146% |
| 215    | 14.416 | 14.365 | 14.436 | VV | 76653  | 2297776 | 0.51% | 0.229% |
| 216    | 14.455 | 14.436 | 14.466 | VV | 76081  | 1201118 | 0.27% | 0.120% |
| 217    | 14.490 | 14.466 | 14.521 | VV | 117383 | 2503759 | 0.56% | 0.250% |
| 218    | 14.548 | 14.521 | 14.610 | VV | 66393  | 2749624 | 0.61% | 0.275% |
| 219    | 14.631 | 14.610 | 14.678 | VV | 49304  | 1745376 | 0.39% | 0.174% |
| 220    | 14.683 | 14.678 | 14.706 | VV | 40213  | 645083  | 0.14% | 0.064% |
| 221    | 14.732 | 14.706 | 14.746 | VV | 41162  | 928885  | 0.21% | 0.093% |
| 222    | 14.795 | 14.746 | 14.853 | VV | 52202  | 2792686 | 0.62% | 0.279% |
| 223    | 14.880 | 14.853 | 14.947 | VV | 54761  | 2410671 | 0.54% | 0.241% |
| 224    | 15.007 | 14.947 | 15.035 | VV | 66625  | 2262169 | 0.50% | 0.226% |
| 225    | 15.068 | 15.035 | 15.114 | VV | 231828 | 4314850 | 0.96% | 0.431% |
| 226    | 15.126 | 15.114 | 15.152 | VV | 40049  | 808632  | 0.18% | 0.081% |
| 227    | 15.188 | 15.152 | 15.207 | VV | 38014  | 1129030 | 0.25% | 0.113% |
| 228    | 15.246 | 15.207 | 15.294 | VV | 38723  | 1816728 | 0.40% | 0.181% |
| 229    | 15.325 | 15.294 | 15.348 | VV | 34897  | 1059850 | 0.24% | 0.106% |
| 230    | 15.384 | 15.348 | 15.399 | VV | 36024  | 1035101 | 0.23% | 0.103% |
| 231    | 15.417 | 15.399 | 15.448 | VV | 35536  | 984380  | 0.22% | 0.098% |
| 232    | 15.467 | 15.448 | 15.478 | VV | 33987  | 572758  | 0.13% | 0.057% |
| 233    | 15.505 | 15.478 | 15.541 | VV | 65359  | 1673878 | 0.37% | 0.167% |
| 234    | 15.565 | 15.541 | 15.603 | VV | 53459  | 1429188 | 0.32% | 0.143% |
| 235    | 15.611 | 15.603 | 15.632 | VV | 30672  | 507282  | 0.11% | 0.051% |
| 236    | 15.679 | 15.632 | 15.722 | VV | 35891  | 1746384 | 0.39% | 0.174% |
| 237    | 15.765 | 15.722 | 15.775 | VV | 32411  | 998316  | 0.22% | 0.100% |
| 238    | 15.786 | 15.775 | 15.803 | VV | 33887  | 527350  | 0.12% | 0.053% |
| 239    | 15.820 | 15.803 | 15.829 | VV | 31391  | 482535  | 0.11% | 0.048% |
| 240    | 15.836 | 15.829 | 15.843 | VV | 31406  | 268178  | 0.06% | 0.027% |
| 241    | 15.889 | 15.843 | 15.932 | VV | 38898  | 1847192 | 0.41% | 0.184% |
| 242    | 15.958 | 15.932 | 15.972 | VV | 79515  | 1378421 | 0.31% | 0.138% |
| 243    | 15.985 | 15.972 | 16.019 | VV | 68986  | 1453277 | 0.32% | 0.145% |
| 244    | 16.047 | 16.019 | 16.074 | VV | 100164 | 1929505 | 0.43% | 0.193% |
| 245    | 16.091 | 16.074 | 16.118 | VV | 40255  | 928653  | 0.21% | 0.093% |
| 246    | 16.130 | 16.118 | 16.142 | VV | 33783  | 469158  | 0.10% | 0.047% |

| rteres |        |        |        |    |       |         |       |        |
|--------|--------|--------|--------|----|-------|---------|-------|--------|
| 247    | 16.162 | 16.142 | 16.200 | VV | 34507 | 1124609 | 0.25% | 0.112% |
| 248    | 16.243 | 16.200 | 16.256 | VV | 39903 | 1106977 | 0.25% | 0.111% |
| 249    | 16.275 | 16.256 | 16.310 | VV | 59280 | 1415762 | 0.31% | 0.141% |
| 250    | 16.336 | 16.310 | 16.379 | VV | 63849 | 1762398 | 0.39% | 0.176% |
| 251    | 16.387 | 16.379 | 16.418 | VV | 31469 | 722170  | 0.16% | 0.072% |
| 252    | 16.446 | 16.418 | 16.471 | VV | 57993 | 1344573 | 0.30% | 0.134% |
| 253    | 16.491 | 16.471 | 16.501 | VV | 35541 | 620444  | 0.14% | 0.062% |
| 254    | 16.516 | 16.501 | 16.558 | VV | 37811 | 1089035 | 0.24% | 0.109% |
| 255    | 16.582 | 16.558 | 16.595 | VV | 31262 | 658367  | 0.15% | 0.066% |
| 256    | 16.606 | 16.595 | 16.627 | VV | 31787 | 599574  | 0.13% | 0.060% |
| 257    | 16.650 | 16.627 | 16.678 | VV | 34591 | 965620  | 0.21% | 0.096% |
| 258    | 16.734 | 16.678 | 16.760 | VV | 41347 | 1599235 | 0.36% | 0.160% |
| 259    | 16.778 | 16.760 | 16.791 | VV | 30967 | 549886  | 0.12% | 0.055% |
| 260    | 16.820 | 16.791 | 16.865 | VV | 55687 | 1770821 | 0.39% | 0.177% |
| 261    | 16.895 | 16.865 | 16.921 | VV | 62208 | 1406501 | 0.31% | 0.140% |
| 262    | 16.934 | 16.921 | 16.945 | VV | 34388 | 490454  | 0.11% | 0.049% |
| 263    | 16.958 | 16.945 | 17.019 | VV | 36022 | 1360405 | 0.30% | 0.136% |
| 264    | 17.036 | 17.019 | 17.101 | VV | 33417 | 1388117 | 0.31% | 0.139% |
| 265    | 17.128 | 17.101 | 17.183 | VV | 31138 | 1311113 | 0.29% | 0.131% |
| 266    | 17.224 | 17.183 | 17.245 | VV | 30286 | 1028170 | 0.23% | 0.103% |
| 267    | 17.301 | 17.245 | 17.310 | VV | 31359 | 1111036 | 0.25% | 0.111% |
| 268    | 17.330 | 17.310 | 17.358 | VV | 48734 | 1046211 | 0.23% | 0.104% |
| 269    | 17.388 | 17.358 | 17.404 | VV | 33614 | 809859  | 0.18% | 0.081% |
| 270    | 17.430 | 17.404 | 17.465 | VV | 51947 | 1411386 | 0.31% | 0.141% |
| 271    | 17.467 | 17.465 | 17.516 | VV | 35421 | 940491  | 0.21% | 0.094% |
| 272    | 17.527 | 17.516 | 17.578 | VV | 30083 | 978379  | 0.22% | 0.098% |
| 273    | 17.619 | 17.578 | 17.651 | VV | 34775 | 1301111 | 0.29% | 0.130% |
| 274    | 17.666 | 17.651 | 17.670 | VV | 27911 | 307046  | 0.07% | 0.031% |
| 275    | 17.706 | 17.670 | 17.728 | VV | 58358 | 1476655 | 0.33% | 0.147% |
| 276    | 17.752 | 17.728 | 17.776 | VV | 68408 | 1396252 | 0.31% | 0.139% |
| 277    | 17.796 | 17.776 | 17.821 | VV | 41095 | 905934  | 0.20% | 0.090% |
| 278    | 17.837 | 17.821 | 17.853 | VV | 32767 | 583096  | 0.13% | 0.058% |
| 279    | 17.878 | 17.853 | 17.925 | VV | 34344 | 1261132 | 0.28% | 0.126% |
| 280    | 17.954 | 17.925 | 17.985 | VV | 48180 | 1266856 | 0.28% | 0.127% |
| 281    | 18.019 | 17.985 | 18.078 | VV | 28383 | 1497727 | 0.33% | 0.150% |
| 282    | 18.117 | 18.078 | 18.141 | VV | 46592 | 1394152 | 0.31% | 0.139% |
| 283    | 18.158 | 18.141 | 18.194 | VV | 45174 | 1090364 | 0.24% | 0.109% |
| 284    | 18.216 | 18.194 | 18.230 | VV | 36088 | 675145  | 0.15% | 0.067% |
| 285    | 18.253 | 18.230 | 18.351 | VV | 51204 | 2610605 | 0.58% | 0.261% |
| 286    | 18.362 | 18.351 | 18.375 | VV | 27798 | 372757  | 0.08% | 0.037% |
| 287    | 18.402 | 18.375 | 18.422 | VV | 30331 | 798590  | 0.18% | 0.080% |
| 288    | 18.483 | 18.422 | 18.525 | VV | 80664 | 2734576 | 0.61% | 0.273% |
| 289    | 18.551 | 18.525 | 18.598 | VV | 64351 | 1943880 | 0.43% | 0.194% |
| 290    | 18.618 | 18.598 | 18.630 | VV | 35579 | 630784  | 0.14% | 0.063% |
| 291    | 18.642 | 18.630 | 18.656 | VV | 32783 | 495880  | 0.11% | 0.050% |
| 292    | 18.666 | 18.656 | 18.691 | VV | 33355 | 643600  | 0.14% | 0.064% |
| 293    | 18.704 | 18.691 | 18.715 | VV | 30084 | 408405  | 0.09% | 0.041% |
| 294    | 18.750 | 18.715 | 18.786 | VV | 35908 | 1350205 | 0.30% | 0.135% |
| 295    | 18.814 | 18.786 | 18.833 | VV | 29447 | 790790  | 0.18% | 0.079% |
| 296    | 18.848 | 18.833 | 18.887 | VV | 28348 | 886611  | 0.20% | 0.089% |
| 297    | 18.935 | 18.887 | 18.958 | VV | 45360 | 1467558 | 0.33% | 0.147% |
| 298    | 18.969 | 18.958 | 19.001 | VV | 36681 | 853172  | 0.19% | 0.085% |
| 299    | 19.020 | 19.001 | 19.091 | VV | 34601 | 1695487 | 0.38% | 0.169% |

|     |        |        |        |     |                                    |         |       |        |
|-----|--------|--------|--------|-----|------------------------------------|---------|-------|--------|
|     |        |        |        |     |                                    | rteres  |       |        |
| 300 | 19.116 | 19.091 | 19.160 | VV  | 37694                              | 1401448 | 0.31% | 0.140% |
| 301 | 19.190 | 19.160 | 19.214 | VV  | 40379                              | 1117799 | 0.25% | 0.112% |
| 302 | 19.241 | 19.214 | 19.260 | VV  | 39054                              | 1003715 | 0.22% | 0.100% |
| 303 | 19.310 | 19.260 | 19.389 | VV  | 57433                              | 3129593 | 0.70% | 0.313% |
| 304 | 19.415 | 19.389 | 19.452 | VV  | 40459                              | 1397500 | 0.31% | 0.140% |
| 305 | 19.464 | 19.452 | 19.473 | VV  | 36174                              | 446738  | 0.10% | 0.045% |
| 306 | 19.495 | 19.473 | 19.514 | VV  | 42624                              | 969554  | 0.22% | 0.097% |
| 307 | 19.540 | 19.514 | 19.628 | VV  | 48512                              | 2690040 | 0.60% | 0.269% |
| 308 | 19.676 | 19.628 | 19.701 | VV  | 48587                              | 1820794 | 0.40% | 0.182% |
| 309 | 19.707 | 19.701 | 19.739 | VV  | 40328                              | 860802  | 0.19% | 0.086% |
| 310 | 19.775 | 19.739 | 19.806 | VV  | 44253                              | 1614939 | 0.36% | 0.161% |
| 311 | 19.839 | 19.806 | 19.858 | VV  | 42063                              | 1239406 | 0.28% | 0.124% |
| 312 | 19.872 | 19.858 | 19.897 | VV  | 38820                              | 900909  | 0.20% | 0.090% |
| 313 | 19.909 | 19.897 | 19.928 | VV  | 39113                              | 698377  | 0.16% | 0.070% |
| 314 | 19.944 | 19.928 | 19.955 | VV  | 40396                              | 623622  | 0.14% | 0.062% |
| 315 | 19.974 | 19.955 | 19.985 | VV  | 41836                              | 687247  | 0.15% | 0.069% |
| 316 | 20.032 | 19.985 | 20.076 | VV  | 72714                              | 2874865 | 0.64% | 0.287% |
| 317 | 20.090 | 20.076 | 20.111 | VV  | 50295                              | 957484  | 0.21% | 0.096% |
| 318 | 20.125 | 20.111 | 20.151 | VV  | 46818                              | 1060708 | 0.24% | 0.106% |
| 319 | 20.158 | 20.151 | 20.168 | VV  | 46177                              | 444288  | 0.10% | 0.044% |
| 320 | 20.195 | 20.168 | 20.203 | VV  | 43924                              | 895497  | 0.20% | 0.089% |
| 321 | 20.209 | 20.203 | 20.218 | VV  | 44198                              | 402479  | 0.09% | 0.040% |
| 322 | 20.257 | 20.218 | 20.271 | VV  | 47962                              | 1461790 | 0.32% | 0.146% |
| 323 | 20.285 | 20.271 | 20.300 | VV  | 46312                              | 774012  | 0.17% | 0.077% |
| 324 | 20.313 | 20.300 | 20.331 | VV  | 46733                              | 838124  | 0.19% | 0.084% |
| 325 | 20.373 | 20.331 | 20.462 | VV  | 57815                              | 3800338 | 0.84% | 0.380% |
| 326 | 20.478 | 20.462 | 20.500 | VV  | 47569                              | 1050662 | 0.23% | 0.105% |
| 327 | 20.510 | 20.500 | 20.546 | VV  | 45770                              | 1206854 | 0.27% | 0.121% |
| 328 | 20.557 | 20.546 | 20.584 | VV  | 43924                              | 950156  | 0.21% | 0.095% |
| 329 | 20.597 | 20.584 | 20.620 | VV  | 42291                              | 891881  | 0.20% | 0.089% |
| 330 | 20.637 | 20.620 | 20.648 | VV  | 42216                              | 694468  | 0.15% | 0.069% |
| 331 | 20.669 | 20.648 | 20.680 | VV  | 42493                              | 776108  | 0.17% | 0.078% |
| 332 | 20.686 | 20.680 | 20.705 | VV  | 41122                              | 597998  | 0.13% | 0.060% |
| 333 | 20.734 | 20.705 | 20.774 | VV  | 46015                              | 1732842 | 0.38% | 0.173% |
| 334 | 20.793 | 20.774 | 20.807 | VV  | 40433                              | 801814  | 0.18% | 0.080% |
| 335 | 20.827 | 20.807 | 20.892 | VV  | 41975                              | 2043918 | 0.45% | 0.204% |
| 336 | 20.901 | 20.892 | 20.919 | VV  | 38874                              | 597498  | 0.13% | 0.060% |
| 337 | 20.943 | 20.919 | 20.962 | VV  | 38160                              | 945054  | 0.21% | 0.094% |
| 338 | 20.971 | 20.962 | 20.991 | VV  | 37017                              | 635437  | 0.14% | 0.063% |
| 339 | 21.033 | 20.991 | 21.066 | VV  | 36415                              | 1551293 | 0.34% | 0.155% |
| 340 | 21.102 | 21.066 | 21.118 | VV  | 35535                              | 1074802 | 0.24% | 0.107% |
| 341 | 21.146 | 21.118 | 21.178 | VV  | 40372                              | 1332288 | 0.30% | 0.133% |
| 342 | 21.188 | 21.178 | 21.201 | VBA | 35890                              | 562434  | 0.12% | 0.056% |
|     |        |        |        |     | Sum of corrected areas: 1001296644 |         |       |        |

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