

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071120AL\  
 Data File : FC048339.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Jul 2020 17:04  
 Sample : L3255-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 070820.M  
 Title : GC Extractables

Signal : FID1A.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         | 3.407       | 3.382        | 3.424      | BV       | 1164           | 11058        | 0.00%          | 0.000%        |
| 2         | 3.433       | 3.424        | 3.450      | VV       | 189            | 2790         | 0.00%          | 0.000%        |
| 3         | 3.461       | 3.450        | 3.479      | VV       | 337            | 3766         | 0.00%          | 0.000%        |
| 4         | 3.487       | 3.479        | 3.497      | VV       | 203            | 1471         | 0.00%          | 0.000%        |
| 5         | 3.520       | 3.497        | 3.550      | VV       | 477            | 9192         | 0.00%          | 0.000%        |
| 6         | 3.560       | 3.550        | 3.582      | VV       | 195            | 3727         | 0.00%          | 0.000%        |
| 7         | 3.607       | 3.582        | 3.645      | VV       | 1976           | 26355        | 0.01%          | 0.000%        |
| 8         | 3.669       | 3.645        | 3.680      | PV       | 1106           | 11830        | 0.00%          | 0.000%        |
| 9         | 3.700       | 3.680        | 3.725      | VV       | 1688           | 25217        | 0.01%          | 0.000%        |
| 10        | 3.737       | 3.725        | 3.757      | VV       | 630            | 7331         | 0.00%          | 0.000%        |
| 11        | 3.783       | 3.757        | 3.836      | VV       | 4762           | 70087        | 0.03%          | 0.001%        |
| 12        | 3.868       | 3.836        | 3.876      | PV       | 1069           | 11910        | 0.00%          | 0.000%        |
| 13        | 3.893       | 3.876        | 3.915      | VV       | 2038           | 27941        | 0.01%          | 0.000%        |
| 14        | 3.924       | 3.915        | 3.941      | VV       | 668            | 5903         | 0.00%          | 0.000%        |
| 15        | 3.989       | 3.941        | 4.043      | VV       | 1464           | 37576        | 0.02%          | 0.001%        |
| 16        | 4.057       | 4.043        | 4.068      | VV       | 736            | 8342         | 0.00%          | 0.000%        |
| 17        | 4.080       | 4.068        | 4.097      | VV       | 791            | 11149        | 0.00%          | 0.000%        |
| 18        | 4.110       | 4.097        | 4.121      | VV       | 809            | 9246         | 0.00%          | 0.000%        |
| 19        | 4.140       | 4.121        | 4.151      | VV       | 1032           | 13902        | 0.01%          | 0.000%        |
| 20        | 4.165       | 4.151        | 4.205      | VV       | 1409           | 22611        | 0.01%          | 0.000%        |
| 21        | 4.213       | 4.205        | 4.239      | VV       | 363            | 3958         | 0.00%          | 0.000%        |
| 22        | 4.259       | 4.239        | 4.267      | VV       | 1346           | 13045        | 0.01%          | 0.000%        |
| 23        | 4.278       | 4.267        | 4.302      | VV       | 1670           | 22049        | 0.01%          | 0.000%        |
| 24        | 4.314       | 4.302        | 4.325      | VV       | 604            | 7290         | 0.00%          | 0.000%        |
| 25        | 4.333       | 4.325        | 4.367      | VV       | 717            | 10839        | 0.00%          | 0.000%        |
| 26        | 4.404       | 4.367        | 4.427      | VV       | 258            | 6439         | 0.00%          | 0.000%        |
| 27        | 4.441       | 4.427        | 4.463      | VV       | 550            | 5722         | 0.00%          | 0.000%        |
| 28        | 4.483       | 4.463        | 4.499      | PV       | 1171           | 12372        | 0.00%          | 0.000%        |
| 29        | 4.508       | 4.499        | 4.517      | VV       | 517            | 4433         | 0.00%          | 0.000%        |
| 30        | 4.527       | 4.517        | 4.537      | VV       | 692            | 5919         | 0.00%          | 0.000%        |
| 31        | 4.552       | 4.537        | 4.567      | VV       | 637            | 8875         | 0.00%          | 0.000%        |
| 32        | 4.601       | 4.567        | 4.615      | VV       | 1723           | 36039        | 0.01%          | 0.000%        |
| 33        | 4.630       | 4.615        | 4.665      | VV       | 1212           | 28800        | 0.01%          | 0.000%        |
| 34        | 4.683       | 4.665        | 4.705      | VV       | 1298           | 22560        | 0.01%          | 0.000%        |
| 35        | 4.713       | 4.705        | 4.722      | VV       | 739            | 6721         | 0.00%          | 0.000%        |
| 36        | 4.739       | 4.722        | 4.759      | VV       | 1401           | 21969        | 0.01%          | 0.000%        |

|    |       |       |       |    | rteres |         |       |        |
|----|-------|-------|-------|----|--------|---------|-------|--------|
| 37 | 4.768 | 4.759 | 4.787 | VV | 1344   | 15544   | 0.01% | 0.000% |
| 38 | 4.817 | 4.787 | 4.829 | VV | 1660   | 23808   | 0.01% | 0.000% |
| 39 | 4.852 | 4.829 | 4.882 | VV | 1956   | 40344   | 0.02% | 0.001% |
| 40 | 4.911 | 4.882 | 4.947 | VV | 2112   | 41712   | 0.02% | 0.001% |
| 41 | 4.962 | 4.947 | 4.977 | VV | 2011   | 24065   | 0.01% | 0.000% |
| 42 | 4.988 | 4.977 | 5.001 | VV | 1077   | 11178   | 0.00% | 0.000% |
| 43 | 5.018 | 5.001 | 5.064 | VV | 1136   | 24450   | 0.01% | 0.000% |
| 44 | 5.083 | 5.064 | 5.102 | VV | 1860   | 24437   | 0.01% | 0.000% |
| 45 | 5.118 | 5.102 | 5.147 | VV | 1728   | 25754   | 0.01% | 0.000% |
| 46 | 5.179 | 5.147 | 5.190 | VV | 1425   | 23247   | 0.01% | 0.000% |
| 47 | 5.229 | 5.190 | 5.294 | VV | 2131   | 96070   | 0.04% | 0.001% |
| 48 | 5.344 | 5.294 | 5.373 | VV | 1821   | 63924   | 0.03% | 0.001% |
| 49 | 5.391 | 5.373 | 5.407 | VV | 2417   | 38289   | 0.02% | 0.001% |
| 50 | 5.421 | 5.407 | 5.458 | VV | 4076   | 66665   | 0.03% | 0.001% |
| 51 | 5.477 | 5.458 | 5.500 | VV | 2508   | 47523   | 0.02% | 0.001% |
| 52 | 5.523 | 5.500 | 5.535 | VV | 2420   | 39008   | 0.02% | 0.001% |
| 53 | 5.553 | 5.535 | 5.578 | VV | 6238   | 89049   | 0.04% | 0.001% |
| 54 | 5.593 | 5.578 | 5.625 | VV | 3205   | 67514   | 0.03% | 0.001% |
| 55 | 5.639 | 5.625 | 5.668 | VV | 2880   | 58655   | 0.02% | 0.001% |
| 56 | 5.713 | 5.668 | 5.744 | VV | 11365  | 225678  | 0.09% | 0.003% |
| 57 | 5.763 | 5.744 | 5.782 | VV | 3755   | 76769   | 0.03% | 0.001% |
| 58 | 5.792 | 5.782 | 5.805 | VV | 3516   | 43918   | 0.02% | 0.001% |
| 59 | 5.829 | 5.805 | 5.878 | VV | 4842   | 137814  | 0.06% | 0.002% |
| 60 | 5.939 | 5.878 | 5.962 | VV | 5610   | 215267  | 0.09% | 0.003% |
| 61 | 5.979 | 5.962 | 6.001 | VV | 5696   | 104370  | 0.04% | 0.001% |
| 62 | 6.025 | 6.001 | 6.035 | VV | 7174   | 109276  | 0.04% | 0.001% |
| 63 | 6.051 | 6.035 | 6.068 | VV | 9833   | 151393  | 0.06% | 0.002% |
| 64 | 6.080 | 6.068 | 6.096 | VV | 7654   | 107939  | 0.04% | 0.001% |
| 65 | 6.124 | 6.096 | 6.142 | VV | 11757  | 228971  | 0.09% | 0.003% |
| 66 | 6.152 | 6.142 | 6.161 | VV | 7152   | 76629   | 0.03% | 0.001% |
| 67 | 6.182 | 6.161 | 6.198 | VV | 11320  | 191350  | 0.08% | 0.003% |
| 68 | 6.268 | 6.198 | 6.287 | VV | 17333  | 643927  | 0.26% | 0.009% |
| 69 | 6.307 | 6.287 | 6.315 | VV | 12874  | 192450  | 0.08% | 0.003% |
| 70 | 6.323 | 6.315 | 6.337 | VV | 13077  | 160206  | 0.06% | 0.002% |
| 71 | 6.351 | 6.337 | 6.370 | VV | 14527  | 221998  | 0.09% | 0.003% |
| 72 | 6.393 | 6.370 | 6.405 | VV | 10694  | 209542  | 0.08% | 0.003% |
| 73 | 6.444 | 6.405 | 6.460 | VV | 19407  | 519403  | 0.21% | 0.007% |
| 74 | 6.473 | 6.460 | 6.484 | VV | 19868  | 253389  | 0.10% | 0.003% |
| 75 | 6.495 | 6.484 | 6.520 | VV | 17974  | 340193  | 0.14% | 0.005% |
| 76 | 6.530 | 6.520 | 6.540 | VV | 13712  | 150024  | 0.06% | 0.002% |
| 77 | 6.574 | 6.540 | 6.592 | VV | 20946  | 517896  | 0.21% | 0.007% |
| 78 | 6.610 | 6.592 | 6.637 | VV | 22744  | 543763  | 0.22% | 0.007% |
| 79 | 6.656 | 6.637 | 6.665 | VV | 26187  | 407870  | 0.16% | 0.006% |
| 80 | 6.688 | 6.665 | 6.697 | VV | 28206  | 501541  | 0.20% | 0.007% |
| 81 | 6.710 | 6.697 | 6.729 | VV | 31221  | 498285  | 0.20% | 0.007% |
| 82 | 6.781 | 6.729 | 6.805 | VV | 43867  | 1209409 | 0.49% | 0.016% |
| 83 | 6.851 | 6.805 | 6.869 | VV | 41625  | 1176984 | 0.47% | 0.016% |
| 84 | 6.886 | 6.869 | 6.895 | VV | 31993  | 470531  | 0.19% | 0.006% |
| 85 | 6.918 | 6.895 | 6.939 | VV | 46588  | 991589  | 0.40% | 0.013% |
| 86 | 6.982 | 6.939 | 6.997 | VV | 48975  | 1355510 | 0.55% | 0.018% |
| 87 | 7.019 | 6.997 | 7.054 | VV | 58264  | 1782415 | 0.72% | 0.024% |
| 88 | 7.080 | 7.054 | 7.100 | VV | 61707  | 1519667 | 0.61% | 0.021% |
| 89 | 7.135 | 7.100 | 7.152 | VV | 53351  | 1571849 | 0.63% | 0.021% |

|     |       |       |       |    |         |          |        |        |
|-----|-------|-------|-------|----|---------|----------|--------|--------|
|     |       |       |       |    | rteres  |          |        |        |
| 90  | 7.175 | 7.152 | 7.197 | VV | 71388   | 1609680  | 0.65%  | 0.022% |
| 91  | 7.219 | 7.197 | 7.262 | VV | 80643   | 2626039  | 1.06%  | 0.036% |
| 92  | 7.272 | 7.262 | 7.286 | VV | 63957   | 837420   | 0.34%  | 0.011% |
| 93  | 7.321 | 7.286 | 7.337 | VV | 89883   | 2172887  | 0.88%  | 0.030% |
| 94  | 7.352 | 7.337 | 7.379 | VV | 81405   | 1883160  | 0.76%  | 0.026% |
| 95  | 7.399 | 7.379 | 7.408 | VV | 98156   | 1472509  | 0.59%  | 0.020% |
| 96  | 7.421 | 7.408 | 7.444 | VV | 104432  | 2028718  | 0.82%  | 0.028% |
| 97  | 7.458 | 7.444 | 7.474 | VV | 98523   | 1624991  | 0.65%  | 0.022% |
| 98  | 7.515 | 7.474 | 7.545 | VV | 95380   | 3986119  | 1.61%  | 0.054% |
| 99  | 7.572 | 7.545 | 7.587 | VV | 108504  | 2510833  | 1.01%  | 0.034% |
| 100 | 7.625 | 7.587 | 7.657 | VV | 152480  | 5480214  | 2.21%  | 0.075% |
| 101 | 7.670 | 7.657 | 7.686 | VV | 115018  | 1909163  | 0.77%  | 0.026% |
| 102 | 7.705 | 7.686 | 7.717 | VV | 133464  | 2205456  | 0.89%  | 0.030% |
| 103 | 7.755 | 7.717 | 7.805 | VV | 694797  | 13709532 | 5.52%  | 0.186% |
| 104 | 7.829 | 7.805 | 7.849 | VV | 157129  | 3747681  | 1.51%  | 0.051% |
| 105 | 7.878 | 7.849 | 7.902 | VV | 264699  | 6390347  | 2.57%  | 0.087% |
| 106 | 7.927 | 7.902 | 7.943 | VV | 210560  | 4681899  | 1.89%  | 0.064% |
| 107 | 7.957 | 7.943 | 7.973 | VV | 198841  | 3298596  | 1.33%  | 0.045% |
| 108 | 8.021 | 7.973 | 8.039 | VV | 249469  | 8327164  | 3.35%  | 0.113% |
| 109 | 8.059 | 8.039 | 8.100 | VV | 352608  | 9435671  | 3.80%  | 0.128% |
| 110 | 8.134 | 8.100 | 8.152 | VV | 301409  | 8198527  | 3.30%  | 0.111% |
| 111 | 8.164 | 8.152 | 8.179 | VV | 281332  | 4326400  | 1.74%  | 0.059% |
| 112 | 8.205 | 8.179 | 8.233 | VV | 303971  | 8966170  | 3.61%  | 0.122% |
| 113 | 8.247 | 8.233 | 8.257 | VV | 281330  | 3959024  | 1.59%  | 0.054% |
| 114 | 8.271 | 8.257 | 8.280 | VV | 284851  | 3907245  | 1.57%  | 0.053% |
| 115 | 8.309 | 8.280 | 8.349 | VV | 364536  | 13693630 | 5.51%  | 0.186% |
| 116 | 8.364 | 8.349 | 8.384 | VV | 349646  | 7086117  | 2.85%  | 0.096% |
| 117 | 8.396 | 8.384 | 8.438 | VV | 374692  | 11717276 | 4.72%  | 0.159% |
| 118 | 8.489 | 8.438 | 8.527 | VV | 813136  | 25980687 | 10.46% | 0.353% |
| 119 | 8.546 | 8.527 | 8.559 | VV | 474960  | 8223095  | 3.31%  | 0.112% |
| 120 | 8.602 | 8.559 | 8.610 | VV | 491003  | 14259920 | 5.74%  | 0.194% |
| 121 | 8.633 | 8.610 | 8.652 | VV | 773531  | 14607390 | 5.88%  | 0.199% |
| 122 | 8.678 | 8.652 | 8.695 | VV | 485593  | 11942738 | 4.81%  | 0.162% |
| 123 | 8.720 | 8.695 | 8.743 | VV | 667036  | 16046740 | 6.46%  | 0.218% |
| 124 | 8.790 | 8.743 | 8.812 | VV | 979762  | 27451745 | 11.06% | 0.373% |
| 125 | 8.826 | 8.812 | 8.839 | VV | 674098  | 10466367 | 4.21%  | 0.142% |
| 126 | 8.856 | 8.839 | 8.884 | VV | 970143  | 21106181 | 8.50%  | 0.287% |
| 127 | 8.893 | 8.884 | 8.917 | VV | 621717  | 12082916 | 4.87%  | 0.164% |
| 128 | 8.955 | 8.917 | 8.972 | VV | 719381  | 21979923 | 8.85%  | 0.299% |
| 129 | 8.985 | 8.972 | 9.002 | VV | 729648  | 12834522 | 5.17%  | 0.174% |
| 130 | 9.015 | 9.002 | 9.042 | VV | 743898  | 16874395 | 6.80%  | 0.229% |
| 131 | 9.080 | 9.042 | 9.110 | VV | 815990  | 30716606 | 12.37% | 0.418% |
| 132 | 9.126 | 9.110 | 9.162 | VV | 776669  | 23199819 | 9.34%  | 0.315% |
| 133 | 9.200 | 9.162 | 9.215 | VV | 799595  | 24000295 | 9.67%  | 0.326% |
| 134 | 9.244 | 9.215 | 9.277 | VV | 838461  | 30121119 | 12.13% | 0.409% |
| 135 | 9.310 | 9.277 | 9.345 | VV | 842871  | 32599555 | 13.13% | 0.443% |
| 136 | 9.386 | 9.345 | 9.425 | VV | 932030  | 42759346 | 17.22% | 0.581% |
| 137 | 9.473 | 9.425 | 9.499 | VV | 1097757 | 43752221 | 17.62% | 0.595% |
| 138 | 9.560 | 9.499 | 9.592 | VV | 1538766 | 65143671 | 26.23% | 0.886% |
| 139 | 9.615 | 9.592 | 9.662 | VV | 1216161 | 47700971 | 19.21% | 0.648% |
| 140 | 9.697 | 9.662 | 9.705 | VV | 1157267 | 28827513 | 11.61% | 0.392% |
| 141 | 9.726 | 9.705 | 9.750 | VV | 1162249 | 29988148 | 12.08% | 0.408% |

| rteres |        |        |        |    |         |           |         |        |
|--------|--------|--------|--------|----|---------|-----------|---------|--------|
| 142    | 9.783  | 9.750  | 9.827  | VV | 1148565 | 52260642  | 21.05%  | 0.710% |
| 143    | 9.909  | 9.827  | 9.939  | VV | 1290456 | 80715498  | 32.51%  | 1.097% |
| 144    | 10.000 | 9.939  | 10.019 | VV | 1311476 | 61149367  | 24.63%  | 0.831% |
| 145    | 10.040 | 10.019 | 10.052 | VV | 1374631 | 26375594  | 10.62%  | 0.359% |
| 146    | 10.067 | 10.052 | 10.094 | VV | 1346843 | 33458693  | 13.47%  | 0.455% |
| 147    | 10.124 | 10.094 | 10.164 | VV | 1426163 | 57296898  | 23.07%  | 0.779% |
| 148    | 10.221 | 10.164 | 10.234 | VV | 1460347 | 59930368  | 24.13%  | 0.815% |
| 149    | 10.245 | 10.234 | 10.253 | VV | 1486141 | 16976693  | 6.84%   | 0.231% |
| 150    | 10.276 | 10.253 | 10.289 | VV | 1513587 | 31762874  | 12.79%  | 0.432% |
| 151    | 10.351 | 10.289 | 10.387 | VV | 1941829 | 100288627 | 40.39%  | 1.363% |
| 152    | 10.427 | 10.387 | 10.471 | VV | 1838407 | 88382922  | 35.59%  | 1.202% |
| 153    | 10.499 | 10.471 | 10.526 | VV | 1851667 | 57992651  | 23.35%  | 0.788% |
| 154    | 10.555 | 10.526 | 10.572 | VV | 1781900 | 48296130  | 19.45%  | 0.657% |
| 155    | 10.623 | 10.572 | 10.659 | VV | 1901853 | 94730186  | 38.15%  | 1.288% |
| 156    | 10.720 | 10.659 | 10.734 | VV | 2028322 | 85837530  | 34.57%  | 1.167% |
| 157    | 10.782 | 10.734 | 10.871 | VV | 2643064 | 186351735 | 75.05%  | 2.533% |
| 158    | 10.885 | 10.871 | 10.894 | VV | 2075537 | 27230079  | 10.97%  | 0.370% |
| 159    | 10.916 | 10.894 | 10.927 | VV | 2130528 | 41283413  | 16.63%  | 0.561% |
| 160    | 10.958 | 10.927 | 10.969 | VV | 2252150 | 55192886  | 22.23%  | 0.750% |
| 161    | 10.986 | 10.969 | 11.017 | VV | 2252194 | 63789674  | 25.69%  | 0.867% |
| 162    | 11.045 | 11.017 | 11.063 | VV | 2277480 | 61514175  | 24.77%  | 0.836% |
| 163    | 11.073 | 11.063 | 11.087 | VV | 2297609 | 32757970  | 13.19%  | 0.445% |
| 164    | 11.126 | 11.087 | 11.162 | VV | 2381899 | 104870358 | 42.23%  | 1.426% |
| 165    | 11.170 | 11.162 | 11.177 | VV | 2292243 | 20606709  | 8.30%   | 0.280% |
| 166    | 11.203 | 11.177 | 11.219 | VV | 2430710 | 59239179  | 23.86%  | 0.805% |
| 167    | 11.259 | 11.219 | 11.267 | VV | 2568009 | 71797969  | 28.91%  | 0.976% |
| 168    | 11.286 | 11.267 | 11.301 | VV | 2549179 | 51888017  | 20.90%  | 0.705% |
| 169    | 11.313 | 11.301 | 11.332 | VV | 2511453 | 45851318  | 18.46%  | 0.623% |
| 170    | 11.387 | 11.332 | 11.399 | VV | 2608964 | 101513542 | 40.88%  | 1.380% |
| 171    | 11.406 | 11.399 | 11.422 | VV | 2609945 | 36192037  | 14.58%  | 0.492% |
| 172    | 11.429 | 11.422 | 11.470 | VV | 2618060 | 73096273  | 29.44%  | 0.994% |
| 173    | 11.523 | 11.470 | 11.609 | VV | 3175981 | 228777148 | 92.13%  | 3.110% |
| 174    | 11.619 | 11.609 | 11.634 | VV | 2577289 | 38074452  | 15.33%  | 0.518% |
| 175    | 11.639 | 11.634 | 11.650 | VV | 2588168 | 25423557  | 10.24%  | 0.346% |
| 176    | 11.667 | 11.650 | 11.678 | VV | 2611642 | 43279652  | 17.43%  | 0.588% |
| 177    | 11.689 | 11.678 | 11.707 | VV | 2654803 | 45126226  | 18.17%  | 0.613% |
| 178    | 11.738 | 11.707 | 11.778 | VV | 2949477 | 118780049 | 47.83%  | 1.615% |
| 179    | 11.815 | 11.778 | 11.856 | VV | 2750827 | 123847109 | 49.88%  | 1.684% |
| 180    | 11.969 | 11.856 | 12.006 | VV | 2857049 | 248314881 | 100.00% | 3.376% |
| 181    | 12.019 | 12.006 | 12.035 | VV | 2790199 | 45650575  | 18.38%  | 0.621% |
| 182    | 12.093 | 12.035 | 12.165 | VV | 3024210 | 218986435 | 88.19%  | 2.977% |
| 183    | 12.226 | 12.165 | 12.306 | VV | 2751397 | 222953314 | 89.79%  | 3.031% |
| 184    | 12.324 | 12.306 | 12.335 | VV | 2640165 | 45214381  | 18.21%  | 0.615% |
| 185    | 12.404 | 12.335 | 12.419 | VV | 2665302 | 131290815 | 52.87%  | 1.785% |
| 186    | 12.426 | 12.419 | 12.491 | VV | 2615436 | 109882346 | 44.25%  | 1.494% |
| 187    | 12.501 | 12.491 | 12.525 | VV | 2553524 | 51221117  | 20.63%  | 0.696% |
| 188    | 12.531 | 12.525 | 12.552 | VV | 2599489 | 41839201  | 16.85%  | 0.569% |
| 189    | 12.586 | 12.552 | 12.603 | VV | 2529409 | 75649966  | 30.47%  | 1.028% |
| 190    | 12.619 | 12.603 | 12.639 | VV | 2529615 | 53625343  | 21.60%  | 0.729% |
| 191    | 12.656 | 12.639 | 12.687 | VV | 2524813 | 70777256  | 28.50%  | 0.962% |
| 192    | 12.706 | 12.687 | 12.721 | VV | 2483081 | 49797945  | 20.05%  | 0.677% |
| 193    | 12.747 | 12.721 | 12.782 | VV | 2485634 | 87978984  | 35.43%  | 1.196% |
| 194    | 12.818 | 12.782 | 12.858 | VV | 2364300 | 105430903 | 42.46%  | 1.433% |

| rteres |        |        |        |    |         |           |        |        |
|--------|--------|--------|--------|----|---------|-----------|--------|--------|
| 195    | 12.876 | 12.858 | 12.934 | VV | 2377963 | 103161771 | 41.54% | 1.402% |
| 196    | 12.944 | 12.934 | 12.960 | VV | 2222440 | 34015211  | 13.70% | 0.462% |
| 197    | 12.976 | 12.960 | 13.001 | VV | 2189961 | 52723232  | 21.23% | 0.717% |
| 198    | 13.012 | 13.001 | 13.038 | VV | 2145371 | 47274766  | 19.04% | 0.643% |
| 199    | 13.056 | 13.038 | 13.086 | VV | 2140698 | 59910536  | 24.13% | 0.814% |
| 200    | 13.091 | 13.086 | 13.125 | VV | 2093018 | 47915533  | 19.30% | 0.651% |
| 201    | 13.181 | 13.125 | 13.218 | VV | 2230446 | 116199727 | 46.80% | 1.580% |
| 202    | 13.238 | 13.218 | 13.275 | VV | 2163509 | 69716793  | 28.08% | 0.948% |
| 203    | 13.285 | 13.275 | 13.347 | VV | 1970534 | 83216544  | 33.51% | 1.131% |
| 204    | 13.398 | 13.347 | 13.423 | VV | 2037832 | 87214788  | 35.12% | 1.186% |
| 205    | 13.431 | 13.423 | 13.495 | VV | 1868030 | 77744354  | 31.31% | 1.057% |
| 206    | 13.521 | 13.495 | 13.542 | VV | 1799702 | 50144117  | 20.19% | 0.682% |
| 207    | 13.570 | 13.542 | 13.591 | VV | 1866533 | 52766718  | 21.25% | 0.717% |
| 208    | 13.600 | 13.591 | 13.714 | VV | 1751914 | 122238874 | 49.23% | 1.662% |
| 209    | 13.749 | 13.714 | 13.827 | VV | 1628787 | 107479595 | 43.28% | 1.461% |
| 210    | 13.836 | 13.827 | 13.891 | VV | 1593075 | 58213662  | 23.44% | 0.791% |
| 211    | 13.906 | 13.891 | 13.930 | VV | 1474347 | 33558637  | 13.51% | 0.456% |
| 212    | 13.946 | 13.930 | 13.978 | VV | 1441273 | 41533400  | 16.73% | 0.565% |
| 213    | 13.991 | 13.978 | 14.031 | VV | 1413063 | 43837063  | 17.65% | 0.596% |
| 214    | 14.068 | 14.031 | 14.115 | VV | 1390399 | 67614916  | 27.23% | 0.919% |
| 215    | 14.150 | 14.115 | 14.185 | VV | 1445055 | 56460326  | 22.74% | 0.768% |
| 216    | 14.213 | 14.185 | 14.268 | VV | 1295281 | 61953469  | 24.95% | 0.842% |
| 217    | 14.294 | 14.268 | 14.368 | VV | 1222861 | 69597642  | 28.03% | 0.946% |
| 218    | 14.382 | 14.368 | 14.418 | VV | 1140600 | 33344220  | 13.43% | 0.453% |
| 219    | 14.437 | 14.418 | 14.489 | VV | 1142185 | 46614058  | 18.77% | 0.634% |
| 220    | 14.497 | 14.489 | 14.509 | VV | 1026111 | 12073361  | 4.86%  | 0.164% |
| 221    | 14.533 | 14.509 | 14.576 | VV | 1062070 | 41021425  | 16.52% | 0.558% |
| 222    | 14.596 | 14.576 | 14.671 | VV | 1057301 | 57144025  | 23.01% | 0.777% |
| 223    | 14.685 | 14.671 | 14.707 | VV | 945986  | 20070740  | 8.08%  | 0.273% |
| 224    | 14.716 | 14.707 | 14.733 | VV | 943473  | 14000458  | 5.64%  | 0.190% |
| 225    | 14.746 | 14.733 | 14.793 | VV | 942272  | 32070180  | 12.92% | 0.436% |
| 226    | 14.827 | 14.793 | 14.871 | VV | 853537  | 38812215  | 15.63% | 0.528% |
| 227    | 14.879 | 14.871 | 14.895 | VV | 814583  | 11791938  | 4.75%  | 0.160% |
| 228    | 14.904 | 14.895 | 14.985 | VV | 810976  | 41703242  | 16.79% | 0.567% |
| 229    | 15.005 | 14.985 | 15.064 | VV | 759699  | 34923700  | 14.06% | 0.475% |
| 230    | 15.074 | 15.064 | 15.113 | VV | 729666  | 20754465  | 8.36%  | 0.282% |
| 231    | 15.152 | 15.113 | 15.175 | VV | 736258  | 25794287  | 10.39% | 0.351% |
| 232    | 15.187 | 15.175 | 15.205 | VV | 657154  | 11725505  | 4.72%  | 0.159% |
| 233    | 15.212 | 15.205 | 15.302 | VV | 646178  | 36157752  | 14.56% | 0.492% |
| 234    | 15.335 | 15.302 | 15.431 | VV | 597187  | 44019176  | 17.73% | 0.598% |
| 235    | 15.438 | 15.431 | 15.511 | VV | 557531  | 25589406  | 10.31% | 0.348% |
| 236    | 15.529 | 15.511 | 15.551 | VV | 540345  | 12723532  | 5.12%  | 0.173% |
| 237    | 15.559 | 15.551 | 15.658 | VV | 529801  | 31018010  | 12.49% | 0.422% |
| 238    | 15.672 | 15.658 | 15.719 | VV | 459143  | 16224809  | 6.53%  | 0.221% |
| 239    | 15.734 | 15.719 | 15.778 | VV | 433105  | 14799832  | 5.96%  | 0.201% |
| 240    | 15.821 | 15.778 | 15.932 | VV | 434753  | 37026569  | 14.91% | 0.503% |
| 241    | 15.942 | 15.932 | 15.955 | VV | 365251  | 4776567   | 1.92%  | 0.065% |
| 242    | 15.971 | 15.955 | 16.001 | VV | 365598  | 9933564   | 4.00%  | 0.135% |
| 243    | 16.053 | 16.001 | 16.086 | VV | 362927  | 17644409  | 7.11%  | 0.240% |
| 244    | 16.112 | 16.086 | 16.140 | VV | 328111  | 10182979  | 4.10%  | 0.138% |
| 245    | 16.171 | 16.140 | 16.195 | VV | 315205  | 10052506  | 4.05%  | 0.137% |
| 246    | 16.217 | 16.195 | 16.269 | VV | 329896  | 13593075  | 5.47%  | 0.185% |

| rteres |        |        |        |    |        |          |       |        |
|--------|--------|--------|--------|----|--------|----------|-------|--------|
| 247    | 16.282 | 16.269 | 16.296 | VV | 290128 | 4685005  | 1.89% | 0.064% |
| 248    | 16.317 | 16.296 | 16.365 | VV | 308434 | 11804704 | 4.75% | 0.160% |
| 249    | 16.380 | 16.365 | 16.450 | VV | 285777 | 13302744 | 5.36% | 0.181% |
| 250    | 16.468 | 16.450 | 16.485 | VV | 255350 | 5157288  | 2.08% | 0.070% |
| 251    | 16.505 | 16.485 | 16.544 | VV | 245128 | 8248679  | 3.32% | 0.112% |
| 252    | 16.554 | 16.544 | 16.595 | VV | 226270 | 6661337  | 2.68% | 0.091% |
| 253    | 16.620 | 16.595 | 16.696 | VV | 224078 | 13252379 | 5.34% | 0.180% |
| 254    | 16.707 | 16.696 | 16.749 | VV | 219616 | 6577800  | 2.65% | 0.089% |
| 255    | 16.769 | 16.749 | 16.801 | VV | 198228 | 6122655  | 2.47% | 0.083% |
| 256    | 16.820 | 16.801 | 16.934 | VV | 196668 | 13868399 | 5.59% | 0.189% |
| 257    | 16.949 | 16.934 | 16.965 | VV | 167873 | 3094492  | 1.25% | 0.042% |
| 258    | 16.987 | 16.965 | 17.044 | VV | 180041 | 7852646  | 3.16% | 0.107% |
| 259    | 17.064 | 17.044 | 17.145 | VV | 155564 | 8804462  | 3.55% | 0.120% |
| 260    | 17.185 | 17.145 | 17.251 | VV | 150733 | 8951857  | 3.61% | 0.122% |
| 261    | 17.276 | 17.251 | 17.362 | VV | 134271 | 8232419  | 3.32% | 0.112% |
| 262    | 17.384 | 17.362 | 17.419 | VV | 125890 | 3941866  | 1.59% | 0.054% |
| 263    | 17.437 | 17.419 | 17.466 | VV | 108328 | 2939572  | 1.18% | 0.040% |
| 264    | 17.484 | 17.466 | 17.496 | VV | 105894 | 1805720  | 0.73% | 0.025% |
| 265    | 17.528 | 17.496 | 17.601 | VV | 110435 | 6222078  | 2.51% | 0.085% |
| 266    | 17.611 | 17.601 | 17.658 | VV | 90599  | 2913785  | 1.17% | 0.040% |
| 267    | 17.670 | 17.658 | 17.727 | VV | 85552  | 3360932  | 1.35% | 0.046% |
| 268    | 17.757 | 17.727 | 17.805 | VV | 84308  | 3738146  | 1.51% | 0.051% |
| 269    | 17.826 | 17.805 | 17.873 | VV | 79074  | 3017217  | 1.22% | 0.041% |
| 270    | 17.898 | 17.873 | 17.947 | VV | 68963  | 2998442  | 1.21% | 0.041% |
| 271    | 17.995 | 17.947 | 18.088 | VV | 80481  | 5413567  | 2.18% | 0.074% |
| 272    | 18.111 | 18.088 | 18.175 | VV | 57071  | 2824085  | 1.14% | 0.038% |
| 273    | 18.191 | 18.175 | 18.233 | VV | 61861  | 1930469  | 0.78% | 0.026% |
| 274    | 18.248 | 18.233 | 18.275 | VV | 52518  | 1235119  | 0.50% | 0.017% |
| 275    | 18.326 | 18.275 | 18.335 | VV | 45393  | 1591846  | 0.64% | 0.022% |
| 276    | 18.358 | 18.335 | 18.490 | VV | 58116  | 3894460  | 1.57% | 0.053% |
| 277    | 18.520 | 18.490 | 18.578 | VV | 38550  | 1940336  | 0.78% | 0.026% |
| 278    | 18.590 | 18.578 | 18.601 | VV | 33904  | 463070   | 0.19% | 0.006% |
| 279    | 18.616 | 18.601 | 18.625 | VV | 34173  | 467249   | 0.19% | 0.006% |
| 280    | 18.650 | 18.625 | 18.734 | VV | 40248  | 2146469  | 0.86% | 0.029% |
| 281    | 18.762 | 18.734 | 18.802 | VV | 33739  | 1264401  | 0.51% | 0.017% |
| 282    | 18.826 | 18.802 | 18.951 | VV | 32117  | 2368149  | 0.95% | 0.032% |
| 283    | 18.972 | 18.951 | 18.987 | VV | 25456  | 537751   | 0.22% | 0.007% |
| 284    | 19.012 | 18.987 | 19.040 | VV | 29018  | 835928   | 0.34% | 0.011% |
| 285    | 19.058 | 19.040 | 19.095 | VV | 26936  | 818922   | 0.33% | 0.011% |
| 286    | 19.108 | 19.095 | 19.128 | VV | 23237  | 441260   | 0.18% | 0.006% |
| 287    | 19.135 | 19.128 | 19.168 | VV | 22455  | 515496   | 0.21% | 0.007% |
| 288    | 19.198 | 19.168 | 19.221 | VV | 23622  | 700973   | 0.28% | 0.010% |
| 289    | 19.240 | 19.221 | 19.288 | VV | 20701  | 796811   | 0.32% | 0.011% |
| 290    | 19.306 | 19.288 | 19.335 | VV | 21555  | 553589   | 0.22% | 0.008% |
| 291    | 19.354 | 19.335 | 19.411 | VV | 18643  | 798080   | 0.32% | 0.011% |
| 292    | 19.446 | 19.411 | 19.469 | VV | 18739  | 621103   | 0.25% | 0.008% |
| 293    | 19.481 | 19.469 | 19.495 | VV | 18669  | 283791   | 0.11% | 0.004% |
| 294    | 19.512 | 19.495 | 19.533 | VV | 19926  | 418606   | 0.17% | 0.006% |
| 295    | 19.551 | 19.533 | 19.592 | VV | 18123  | 575278   | 0.23% | 0.008% |
| 296    | 19.617 | 19.592 | 19.648 | VV | 16099  | 512552   | 0.21% | 0.007% |
| 297    | 19.656 | 19.648 | 19.666 | VV | 14969  | 160023   | 0.06% | 0.002% |
| 298    | 19.727 | 19.666 | 19.767 | VV | 17671  | 927794   | 0.37% | 0.013% |
| 299    | 19.806 | 19.767 | 19.847 | VV | 17112  | 740269   | 0.30% | 0.010% |

|     |        |        |        |    |                                    |         |       |        |
|-----|--------|--------|--------|----|------------------------------------|---------|-------|--------|
|     |        |        |        |    |                                    | rteres  |       |        |
| 300 | 19.867 | 19.847 | 19.928 | VV | 15609                              | 678853  | 0.27% | 0.009% |
| 301 | 19.955 | 19.928 | 20.021 | VV | 14157                              | 739545  | 0.30% | 0.010% |
| 302 | 20.041 | 20.021 | 20.082 | VV | 14667                              | 489668  | 0.20% | 0.007% |
| 303 | 20.093 | 20.082 | 20.109 | VV | 13124                              | 210428  | 0.08% | 0.003% |
| 304 | 20.131 | 20.109 | 20.153 | VV | 13116                              | 336619  | 0.14% | 0.005% |
| 305 | 20.164 | 20.153 | 20.235 | VV | 12953                              | 598341  | 0.24% | 0.008% |
| 306 | 20.246 | 20.235 | 20.265 | VV | 12369                              | 213843  | 0.09% | 0.003% |
| 307 | 20.276 | 20.265 | 20.328 | VV | 11897                              | 443458  | 0.18% | 0.006% |
| 308 | 20.410 | 20.328 | 20.523 | VV | 13578                              | 1408920 | 0.57% | 0.019% |
| 309 | 20.540 | 20.523 | 20.626 | VV | 10803                              | 597750  | 0.24% | 0.008% |
| 310 | 20.633 | 20.626 | 20.664 | VV | 9082                               | 202513  | 0.08% | 0.003% |
| 311 | 20.676 | 20.664 | 20.682 | VV | 8936                               | 95721   | 0.04% | 0.001% |
| 312 | 20.688 | 20.682 | 20.761 | VV | 8976                               | 401532  | 0.16% | 0.005% |
| 313 | 20.772 | 20.761 | 20.778 | VV | 8131                               | 79048   | 0.03% | 0.001% |
| 314 | 20.787 | 20.778 | 20.822 | VV | 8212                               | 206193  | 0.08% | 0.003% |
| 315 | 20.847 | 20.822 | 20.895 | VV | 7743                               | 317169  | 0.13% | 0.004% |
| 316 | 20.938 | 20.895 | 20.989 | VV | 7526                               | 376108  | 0.15% | 0.005% |
| 317 | 20.999 | 20.989 | 21.029 | VV | 6087                               | 139434  | 0.06% | 0.002% |
| 318 | 21.037 | 21.029 | 21.069 | VV | 5784                               | 130989  | 0.05% | 0.002% |
| 319 | 21.080 | 21.069 | 21.158 | VV | 5598                               | 276108  | 0.11% | 0.004% |
| 320 | 21.176 | 21.158 | 21.248 | VV | 5139                               | 251565  | 0.10% | 0.003% |
| 321 | 21.259 | 21.248 | 21.266 | VV | 4382                               | 44999   | 0.02% | 0.001% |
| 322 | 21.277 | 21.266 | 21.326 | VV | 4598                               | 152493  | 0.06% | 0.002% |
| 323 | 21.382 | 21.326 | 21.483 | VV | 5063                               | 350813  | 0.14% | 0.005% |
| 324 | 21.498 | 21.483 | 21.523 | VV | 3038                               | 65695   | 0.03% | 0.001% |
| 325 | 21.536 | 21.523 | 21.562 | VV | 2770                               | 57494   | 0.02% | 0.001% |
| 326 | 21.581 | 21.562 | 21.631 | VV | 2415                               | 88270   | 0.04% | 0.001% |
| 327 | 21.657 | 21.631 | 21.761 | VV | 2009                               | 128813  | 0.05% | 0.002% |
| 328 | 21.771 | 21.761 | 21.808 | VV | 1493                               | 33539   | 0.01% | 0.000% |
| 329 | 21.826 | 21.808 | 21.871 | VV | 1276                               | 42092   | 0.02% | 0.001% |
| 330 | 21.898 | 21.871 | 21.929 | VV | 1540                               | 40837   | 0.02% | 0.001% |
| 331 | 21.951 | 21.929 | 21.971 | VV | 862                                | 18123   | 0.01% | 0.000% |
| 332 | 21.985 | 21.971 | 22.053 | VV | 790                                | 17207   | 0.01% | 0.000% |
|     |        |        |        |    | Sum of corrected areas: 7355921426 |         |       |        |

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