

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC101821AL\  
 Data File : FC056241.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 Oct 2021 2:44  
 Sample : M4249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092921.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         | 3.405       | 3.355        | 3.421      | BV       | 83             | -359         | -0.00%         | -0.000%       |
| 2         | 3.428       | 3.421        | 3.461      | PV       | 84             | 1244         | 0.01%          | 0.000%        |
| 3         | 3.470       | 3.461        | 3.478      | PV       | 333            | 2241         | 0.01%          | 0.001%        |
| 4         | 3.499       | 3.478        | 3.517      | VV       | 498            | 7761         | 0.04%          | 0.002%        |
| 5         | 3.532       | 3.517        | 3.555      | VV       | 1087           | 11442        | 0.05%          | 0.003%        |
| 6         | 3.574       | 3.555        | 3.604      | VV       | 302            | 4028         | 0.02%          | 0.001%        |
| 7         | 3.631       | 3.604        | 3.648      | PV       | 244            | 4684         | 0.02%          | 0.001%        |
| 8         | 3.687       | 3.648        | 3.703      | VV       | 857            | 17468        | 0.08%          | 0.005%        |
| 9         | 3.710       | 3.703        | 3.722      | VV       | 493            | 5129         | 0.02%          | 0.001%        |
| 10        | 3.737       | 3.722        | 3.751      | VV       | 3868           | 37463        | 0.17%          | 0.011%        |
| 11        | 3.768       | 3.751        | 3.844      | VV       | 12796          | 138496       | 0.63%          | 0.039%        |
| 12        | 3.866       | 3.844        | 3.914      | VV       | 8509           | 93218        | 0.43%          | 0.027%        |
| 13        | 3.925       | 3.914        | 3.933      | VV       | 738            | 7578         | 0.03%          | 0.002%        |
| 14        | 3.948       | 3.933        | 4.028      | VV       | 2158           | 47016        | 0.22%          | 0.013%        |
| 15        | 4.059       | 4.028        | 4.088      | VV       | 674            | 19105        | 0.09%          | 0.005%        |
| 16        | 4.095       | 4.088        | 4.145      | VV       | 520            | 13640        | 0.06%          | 0.004%        |
| 17        | 4.162       | 4.145        | 4.175      | VV       | 423            | 6413         | 0.03%          | 0.002%        |
| 18        | 4.195       | 4.175        | 4.222      | VV       | 4190           | 65365        | 0.30%          | 0.019%        |
| 19        | 4.233       | 4.222        | 4.285      | VV       | 2030           | 42138        | 0.19%          | 0.012%        |
| 20        | 4.298       | 4.285        | 4.318      | VV       | 597            | 8718         | 0.04%          | 0.002%        |
| 21        | 4.328       | 4.318        | 4.337      | VV       | 382            | 4068         | 0.02%          | 0.001%        |
| 22        | 4.350       | 4.337        | 4.393      | VV       | 409            | 11346        | 0.05%          | 0.003%        |
| 23        | 4.407       | 4.393        | 4.429      | VV       | 406            | 6326         | 0.03%          | 0.002%        |
| 24        | 4.448       | 4.429        | 4.487      | VV       | 335            | 9707         | 0.04%          | 0.003%        |
| 25        | 4.527       | 4.487        | 4.564      | VV       | 518            | 12980        | 0.06%          | 0.004%        |
| 26        | 4.578       | 4.564        | 4.587      | VV       | 322            | 2921         | 0.01%          | 0.001%        |
| 27        | 4.605       | 4.587        | 4.621      | VV       | 704            | 8029         | 0.04%          | 0.002%        |
| 28        | 4.669       | 4.621        | 4.732      | VV       | 8536           | 139907       | 0.64%          | 0.040%        |
| 29        | 4.734       | 4.732        | 4.775      | VV       | 877            | 13809        | 0.06%          | 0.004%        |
| 30        | 4.787       | 4.775        | 4.819      | VV       | 662            | 12516        | 0.06%          | 0.004%        |
| 31        | 4.837       | 4.819        | 4.885      | VV       | 613            | 15232        | 0.07%          | 0.004%        |
| 32        | 4.905       | 4.885        | 4.939      | VV       | 837            | 17680        | 0.08%          | 0.005%        |
| 33        | 4.952       | 4.939        | 4.973      | VV       | 782            | 9735         | 0.04%          | 0.003%        |
| 34        | 5.008       | 4.973        | 5.025      | VV       | 608            | 13760        | 0.06%          | 0.004%        |
| 35        | 5.038       | 5.025        | 5.065      | VV       | 780            | 13320        | 0.06%          | 0.004%        |
| 36        | 5.084       | 5.065        | 5.121      | VV       | 1600           | 22704        | 0.10%          | 0.006%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.143 | 5.121 | 5.165 | VV | 1651   | 19690  | 0.09% | 0.006% |
| 38 | 5.179 | 5.165 | 5.211 | VV | 435    | 9659   | 0.04% | 0.003% |
| 39 | 5.226 | 5.211 | 5.236 | VV | 528    | 5614   | 0.03% | 0.002% |
| 40 | 5.261 | 5.236 | 5.295 | VV | 1525   | 31502  | 0.14% | 0.009% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.313 | 5.295 | 5.353 | VV | 807    | 17266  | 0.08% | 0.005% |
| 42 | 5.374 | 5.353 | 5.399 | VV | 601    | 10835  | 0.05% | 0.003% |
| 43 | 5.413 | 5.399 | 5.429 | VV | 613    | 6453   | 0.03% | 0.002% |
| 44 | 5.455 | 5.429 | 5.476 | VV | 1149   | 16447  | 0.08% | 0.005% |
| 45 | 5.498 | 5.476 | 5.512 | VV | 723    | 12203  | 0.06% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.533 | 5.512 | 5.569 | VV | 1963   | 38002  | 0.17% | 0.011% |
| 47 | 5.587 | 5.569 | 5.637 | VV | 1602   | 25003  | 0.11% | 0.007% |
| 48 | 5.684 | 5.637 | 5.738 | PV | 539    | 15486  | 0.07% | 0.004% |
| 49 | 5.761 | 5.738 | 5.776 | PV | 2011   | 25411  | 0.12% | 0.007% |
| 50 | 5.796 | 5.776 | 5.813 | VV | 3076   | 46015  | 0.21% | 0.013% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.824 | 5.813 | 5.878 | VV | 1840   | 39154  | 0.18% | 0.011% |
| 52 | 5.890 | 5.878 | 5.913 | VV | 592    | 9055   | 0.04% | 0.003% |
| 53 | 5.941 | 5.913 | 5.961 | VV | 399    | 8562   | 0.04% | 0.002% |
| 54 | 6.008 | 5.961 | 6.021 | VV | 587    | 15926  | 0.07% | 0.005% |
| 55 | 6.046 | 6.021 | 6.080 | VV | 19379  | 215758 | 0.99% | 0.061% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.099 | 6.080 | 6.172 | VV | 5529   | 108350 | 0.50% | 0.031% |
| 57 | 6.182 | 6.172 | 6.203 | VV | 708    | 11223  | 0.05% | 0.003% |
| 58 | 6.218 | 6.203 | 6.279 | VV | 588    | 19854  | 0.09% | 0.006% |
| 59 | 6.316 | 6.279 | 6.343 | VV | 846    | 18064  | 0.08% | 0.005% |
| 60 | 6.353 | 6.343 | 6.376 | VV | 283    | 4415   | 0.02% | 0.001% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.399 | 6.376 | 6.410 | VV | 576    | 6542   | 0.03% | 0.002% |
| 62 | 6.428 | 6.410 | 6.452 | VV | 825    | 13304  | 0.06% | 0.004% |
| 63 | 6.475 | 6.452 | 6.520 | VV | 940    | 16893  | 0.08% | 0.005% |
| 64 | 6.535 | 6.520 | 6.562 | VV | 304    | 4449   | 0.02% | 0.001% |
| 65 | 6.619 | 6.562 | 6.643 | VV | 705    | 15103  | 0.07% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.670 | 6.643 | 6.715 | VV | 733    | 12649  | 0.06% | 0.004% |
| 67 | 6.722 | 6.715 | 6.728 | VV | 101    | 518    | 0.00% | 0.000% |
| 68 | 6.750 | 6.728 | 6.771 | VV | 606    | 7993   | 0.04% | 0.002% |
| 69 | 6.799 | 6.771 | 6.831 | PV | 1702   | 29477  | 0.13% | 0.008% |
| 70 | 6.880 | 6.831 | 6.900 | VV | 1641   | 45979  | 0.21% | 0.013% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.917 | 6.900 | 6.959 | VV | 1249   | 30670  | 0.14% | 0.009% |
| 72 | 7.005 | 6.959 | 7.024 | VV | 3112   | 61783  | 0.28% | 0.018% |
| 73 | 7.060 | 7.024 | 7.075 | VV | 2288   | 61023  | 0.28% | 0.017% |
| 74 | 7.103 | 7.075 | 7.155 | VV | 19015  | 244197 | 1.12% | 0.069% |
| 75 | 7.193 | 7.155 | 7.214 | VV | 2913   | 51245  | 0.23% | 0.015% |
|    |       |       |       |    |        |        |       |        |
| 76 | 7.238 | 7.214 | 7.283 | VV | 32312  | 338582 | 1.55% | 0.096% |
| 77 | 7.293 | 7.283 | 7.344 | VV | 1024   | 24647  | 0.11% | 0.007% |
| 78 | 7.365 | 7.344 | 7.374 | VV | 786    | 10246  | 0.05% | 0.003% |
| 79 | 7.398 | 7.374 | 7.434 | VV | 3164   | 52645  | 0.24% | 0.015% |
| 80 | 7.465 | 7.434 | 7.517 | VV | 828    | 29428  | 0.13% | 0.008% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.528 | 7.517 | 7.547 | VV | 445    | 6631   | 0.03% | 0.002% |
| 82 | 7.575 | 7.547 | 7.603 | VV | 1232   | 23075  | 0.11% | 0.007% |
| 83 | 7.626 | 7.603 | 7.644 | VV | 727    | 13200  | 0.06% | 0.004% |
| 84 | 7.827 | 7.799 | 7.898 | VV | 5242   | 104711 | 0.48% | 0.030% |
| 85 | 7.928 | 7.898 | 7.945 | VV | 2200   | 31083  | 0.14% | 0.009% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.987 | 7.945 | 8.039 | VV | 8626   | 213045 | 0.97% | 0.061% |
| 87 | 8.095 | 8.039 | 8.139 | VV | 31033  | 691109 | 3.16% | 0.197% |
| 88 | 8.157 | 8.139 | 8.167 | VV | 2421   | 33052  | 0.15% | 0.009% |
| 89 | 8.201 | 8.167 | 8.216 | VV | 88912  | 950565 | 4.35% | 0.270% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 90  | 8.228  | 8.216  | 8.245  | VV | 47463  | 480593  | 2.20% | 0.137% |
| 91  | 8.256  | 8.245  | 8.298  | VV | 18560  | 257539  | 1.18% | 0.073% |
| 92  | 8.310  | 8.298  | 8.328  | VV | 1609   | 22373   | 0.10% | 0.006% |
| 93  | 8.356  | 8.328  | 8.365  | VV | 29029  | 343862  | 1.57% | 0.098% |
| 94  | 8.386  | 8.365  | 8.414  | VV | 90731  | 1146444 | 5.25% | 0.326% |
| 95  | 8.436  | 8.414  | 8.455  | VV | 8457   | 132578  | 0.61% | 0.038% |
| 96  | 8.475  | 8.455  | 8.513  | VV | 18247  | 238939  | 1.09% | 0.068% |
| 97  | 8.522  | 8.513  | 8.558  | VV | 2787   | 45694   | 0.21% | 0.013% |
| 98  | 8.628  | 8.616  | 8.652  | VV | 4963   | 77172   | 0.35% | 0.022% |
| 99  | 8.681  | 8.652  | 8.707  | VV | 76592  | 779414  | 3.57% | 0.222% |
| 100 | 8.728  | 8.707  | 8.753  | VV | 12105  | 183861  | 0.84% | 0.052% |
| 101 | 8.798  | 8.753  | 8.826  | VV | 8145   | 194950  | 0.89% | 0.055% |
| 102 | 8.843  | 8.826  | 8.856  | VV | 5658   | 71892   | 0.33% | 0.020% |
| 103 | 8.868  | 8.856  | 8.889  | VV | 5716   | 72452   | 0.33% | 0.021% |
| 104 | 8.919  | 8.889  | 8.937  | VV | 24742  | 323336  | 1.48% | 0.092% |
| 105 | 8.954  | 8.937  | 8.975  | VV | 30484  | 343364  | 1.57% | 0.098% |
| 106 | 8.992  | 8.975  | 9.013  | VV | 10865  | 148090  | 0.68% | 0.042% |
| 107 | 9.042  | 9.013  | 9.062  | VV | 11882  | 196258  | 0.90% | 0.056% |
| 108 | 9.089  | 9.062  | 9.108  | VV | 46509  | 519828  | 2.38% | 0.148% |
| 109 | 9.130  | 9.108  | 9.170  | VV | 55322  | 642116  | 2.94% | 0.183% |
| 110 | 9.187  | 9.170  | 9.215  | VV | 8050   | 115913  | 0.53% | 0.033% |
| 111 | 9.245  | 9.215  | 9.262  | VV | 47414  | 554558  | 2.54% | 0.158% |
| 112 | 9.277  | 9.262  | 9.300  | VV | 37424  | 396579  | 1.81% | 0.113% |
| 113 | 9.330  | 9.300  | 9.346  | VV | 20199  | 248942  | 1.14% | 0.071% |
| 114 | 9.382  | 9.346  | 9.405  | VV | 38989  | 592890  | 2.71% | 0.169% |
| 115 | 9.424  | 9.405  | 9.441  | VV | 18139  | 210592  | 0.96% | 0.060% |
| 116 | 9.466  | 9.441  | 9.517  | VV | 99801  | 1382649 | 6.33% | 0.393% |
| 117 | 9.544  | 9.517  | 9.575  | VV | 33918  | 610658  | 2.79% | 0.174% |
| 118 | 9.586  | 9.575  | 9.596  | VV | 16249  | 162743  | 0.74% | 0.046% |
| 119 | 9.614  | 9.596  | 9.632  | VV | 33597  | 464606  | 2.13% | 0.132% |
| 120 | 9.641  | 9.632  | 9.657  | VV | 15470  | 171276  | 0.78% | 0.049% |
| 121 | 9.675  | 9.657  | 9.707  | VV | 26505  | 378429  | 1.73% | 0.108% |
| 122 | 9.727  | 9.707  | 9.763  | VV | 12837  | 241644  | 1.11% | 0.069% |
| 123 | 9.786  | 9.763  | 9.813  | VV | 37356  | 490041  | 2.24% | 0.139% |
| 124 | 9.836  | 9.813  | 9.852  | VV | 11297  | 178019  | 0.81% | 0.051% |
| 125 | 9.887  | 9.852  | 9.928  | VV | 40847  | 762547  | 3.49% | 0.217% |
| 126 | 9.948  | 9.928  | 9.966  | VV | 11512  | 159011  | 0.73% | 0.045% |
| 127 | 9.983  | 9.966  | 10.013 | VV | 7422   | 123933  | 0.57% | 0.035% |
| 128 | 10.046 | 10.013 | 10.108 | VV | 12850  | 247172  | 1.13% | 0.070% |
| 129 | 10.155 | 10.108 | 10.188 | PV | 3683   | 100809  | 0.46% | 0.029% |
| 130 | 10.208 | 10.188 | 10.243 | VV | 20655  | 297982  | 1.36% | 0.085% |
| 131 | 10.259 | 10.243 | 10.277 | VV | 6273   | 91041   | 0.42% | 0.026% |
| 132 | 10.318 | 10.277 | 10.329 | VV | 28300  | 400803  | 1.83% | 0.114% |
| 133 | 10.347 | 10.329 | 10.369 | VV | 62669  | 798874  | 3.66% | 0.227% |
| 134 | 10.388 | 10.369 | 10.424 | VV | 47607  | 622021  | 2.85% | 0.177% |
| 135 | 10.464 | 10.424 | 10.499 | VV | 45122  | 790143  | 3.62% | 0.225% |
| 136 | 10.520 | 10.499 | 10.572 | VV | 46206  | 773037  | 3.54% | 0.220% |
| 137 | 10.605 | 10.572 | 10.616 | VV | 16158  | 258637  | 1.18% | 0.074% |
| 138 | 10.635 | 10.616 | 10.649 | VV | 40069  | 486500  | 2.23% | 0.138% |
| 139 | 10.671 | 10.649 | 10.708 | VV | 74067  | 1132874 | 5.18% | 0.322% |
| 140 | 10.740 | 10.708 | 10.754 | VV | 11628  | 240851  | 1.10% | 0.069% |
| 141 | 10.772 | 10.754 | 10.790 | VV | 19390  | 258603  | 1.18% | 0.074% |

| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 142    | 10.805 | 10.790 | 10.824 | VV | 8986    | 148448   | 0.68%   | 0.042% |
| 143    | 10.884 | 10.824 | 10.917 | VV | 1090827 | 12716027 | 58.18%  | 3.618% |
| 144    | 10.950 | 10.917 | 10.985 | VV | 312819  | 3439050  | 15.74%  | 0.978% |
| 145    | 10.996 | 10.985 | 11.011 | VV | 7055    | 81778    | 0.37%   | 0.023% |
| 146    | 11.027 | 11.011 | 11.067 | VV | 5878    | 167499   | 0.77%   | 0.048% |
| 147    | 11.078 | 11.067 | 11.098 | VV | 4429    | 53554    | 0.25%   | 0.015% |
| 148    | 11.117 | 11.098 | 11.134 | VV | 5682    | 75322    | 0.34%   | 0.021% |
| 149    | 11.160 | 11.134 | 11.198 | VV | 25595   | 549852   | 2.52%   | 0.156% |
| 150    | 11.229 | 11.198 | 11.247 | VV | 16682   | 332993   | 1.52%   | 0.095% |
| 151    | 11.265 | 11.247 | 11.285 | VV | 22563   | 332737   | 1.52%   | 0.095% |
| 152    | 11.300 | 11.285 | 11.325 | VV | 12510   | 229853   | 1.05%   | 0.065% |
| 153    | 11.396 | 11.325 | 11.431 | VV | 96174   | 1876065  | 8.58%   | 0.534% |
| 154    | 11.467 | 11.431 | 11.492 | VV | 30415   | 556905   | 2.55%   | 0.158% |
| 155    | 11.523 | 11.492 | 11.544 | VV | 60677   | 823940   | 3.77%   | 0.234% |
| 156    | 11.565 | 11.544 | 11.587 | VV | 29299   | 410466   | 1.88%   | 0.117% |
| 157    | 11.599 | 11.587 | 11.608 | VV | 7766    | 77350    | 0.35%   | 0.022% |
| 158    | 11.637 | 11.608 | 11.656 | VV | 357325  | 3919905  | 17.94%  | 1.115% |
| 159    | 11.678 | 11.656 | 11.693 | VV | 278705  | 3359671  | 15.37%  | 0.956% |
| 160    | 11.711 | 11.693 | 11.748 | VV | 351651  | 3883356  | 17.77%  | 1.105% |
| 161    | 11.795 | 11.748 | 11.810 | VV | 222217  | 3669739  | 16.79%  | 1.044% |
| 162    | 11.827 | 11.810 | 11.841 | VV | 187308  | 2182375  | 9.99%   | 0.621% |
| 163    | 11.859 | 11.841 | 11.903 | VV | 259448  | 2991826  | 13.69%  | 0.851% |
| 164    | 11.927 | 11.903 | 11.943 | VV | 7275    | 135246   | 0.62%   | 0.038% |
| 165    | 11.975 | 11.943 | 11.998 | VV | 12649   | 339487   | 1.55%   | 0.097% |
| 166    | 12.007 | 11.998 | 12.017 | VV | 11440   | 119441   | 0.55%   | 0.034% |
| 167    | 12.040 | 12.017 | 12.062 | VV | 87772   | 1203753  | 5.51%   | 0.342% |
| 168    | 12.072 | 12.062 | 12.117 | VV | 31148   | 584319   | 2.67%   | 0.166% |
| 169    | 12.142 | 12.117 | 12.163 | VV | 139912  | 1666596  | 7.63%   | 0.474% |
| 170    | 12.174 | 12.163 | 12.188 | VV | 33549   | 401750   | 1.84%   | 0.114% |
| 171    | 12.206 | 12.188 | 12.263 | VV | 43960   | 897112   | 4.10%   | 0.255% |
| 172    | 12.289 | 12.263 | 12.306 | VV | 30914   | 477095   | 2.18%   | 0.136% |
| 173    | 12.321 | 12.306 | 12.337 | VV | 25575   | 328432   | 1.50%   | 0.093% |
| 174    | 12.354 | 12.337 | 12.366 | VV | 21956   | 305344   | 1.40%   | 0.087% |
| 175    | 12.392 | 12.366 | 12.404 | VV | 40747   | 643948   | 2.95%   | 0.183% |
| 176    | 12.418 | 12.404 | 12.441 | VV | 52554   | 741771   | 3.39%   | 0.211% |
| 177    | 12.464 | 12.441 | 12.506 | VV | 104786  | 1908656  | 8.73%   | 0.543% |
| 178    | 12.539 | 12.506 | 12.557 | VV | 101496  | 1453608  | 6.65%   | 0.414% |
| 179    | 12.578 | 12.557 | 12.600 | VV | 207709  | 2936034  | 13.43%  | 0.835% |
| 180    | 12.617 | 12.600 | 12.638 | VV | 86413   | 1622499  | 7.42%   | 0.462% |
| 181    | 12.648 | 12.638 | 12.670 | VV | 61824   | 1034560  | 4.73%   | 0.294% |
| 182    | 12.719 | 12.670 | 12.745 | VV | 1349739 | 21855791 | 100.00% | 6.218% |
| 183    | 12.760 | 12.745 | 12.773 | VV | 13248   | 160807   | 0.74%   | 0.046% |
| 184    | 12.791 | 12.773 | 12.807 | VV | 23007   | 329351   | 1.51%   | 0.094% |
| 185    | 12.832 | 12.807 | 12.868 | VV | 89733   | 1850746  | 8.47%   | 0.527% |
| 186    | 12.882 | 12.868 | 12.899 | VV | 80263   | 1039173  | 4.75%   | 0.296% |
| 187    | 12.916 | 12.899 | 12.947 | VV | 77896   | 1365939  | 6.25%   | 0.389% |
| 188    | 12.959 | 12.947 | 12.971 | VV | 35778   | 444794   | 2.04%   | 0.127% |
| 189    | 13.018 | 12.971 | 13.035 | VV | 1285157 | 19827281 | 90.72%  | 5.641% |
| 190    | 13.065 | 13.035 | 13.110 | VV | 296407  | 6771511  | 30.98%  | 1.926% |
| 191    | 13.133 | 13.110 | 13.144 | VV | 25065   | 434529   | 1.99%   | 0.124% |
| 192    | 13.164 | 13.144 | 13.179 | VV | 67347   | 881277   | 4.03%   | 0.251% |
| 193    | 13.193 | 13.179 | 13.215 | VV | 48226   | 632149   | 2.89%   | 0.180% |
| 194    | 13.258 | 13.215 | 13.300 | VV | 104318  | 1960539  | 8.97%   | 0.558% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 195    | 13.323 | 13.300 | 13.359 | VV | 64312  | 1135508  | 5.20%  | 0.323% |
| 196    | 13.387 | 13.359 | 13.403 | VV | 72802  | 987719   | 4.52%  | 0.281% |
| 197    | 13.416 | 13.403 | 13.429 | VV | 42911  | 611906   | 2.80%  | 0.174% |
| 198    | 13.453 | 13.429 | 13.476 | VV | 164217 | 2392989  | 10.95% | 0.681% |
| 199    | 13.488 | 13.476 | 13.525 | VV | 29388  | 597412   | 2.73%  | 0.170% |
| 200    | 13.586 | 13.525 | 13.622 | VV | 292135 | 5615626  | 25.69% | 1.598% |
| 201    | 13.645 | 13.622 | 13.664 | VV | 38893  | 674510   | 3.09%  | 0.192% |
| 202    | 13.692 | 13.664 | 13.711 | VV | 128055 | 1876869  | 8.59%  | 0.534% |
| 203    | 13.733 | 13.711 | 13.754 | VV | 217908 | 2728900  | 12.49% | 0.776% |
| 204    | 13.768 | 13.754 | 13.791 | VV | 60170  | 877751   | 4.02%  | 0.250% |
| 205    | 13.819 | 13.791 | 13.828 | VV | 52270  | 860742   | 3.94%  | 0.245% |
| 206    | 13.862 | 13.828 | 13.882 | VV | 184016 | 2909939  | 13.31% | 0.828% |
| 207    | 13.902 | 13.882 | 13.936 | VV | 176080 | 2257538  | 10.33% | 0.642% |
| 208    | 13.971 | 13.936 | 13.992 | VV | 41639  | 819827   | 3.75%  | 0.233% |
| 209    | 14.015 | 13.992 | 14.032 | VV | 22990  | 468531   | 2.14%  | 0.133% |
| 210    | 14.051 | 14.032 | 14.067 | VV | 20732  | 392073   | 1.79%  | 0.112% |
| 211    | 14.081 | 14.067 | 14.121 | VV | 20243  | 456957   | 2.09%  | 0.130% |
| 212    | 14.162 | 14.121 | 14.180 | VV | 24955  | 540331   | 2.47%  | 0.154% |
| 213    | 14.193 | 14.180 | 14.229 | VV | 16389  | 384503   | 1.76%  | 0.109% |
| 214    | 14.280 | 14.229 | 14.299 | VV | 56758  | 1515078  | 6.93%  | 0.431% |
| 215    | 14.321 | 14.299 | 14.347 | VV | 162377 | 2211539  | 10.12% | 0.629% |
| 216    | 14.418 | 14.347 | 14.465 | VV | 51915  | 1993095  | 9.12%  | 0.567% |
| 217    | 14.494 | 14.465 | 14.515 | VV | 153788 | 2392797  | 10.95% | 0.681% |
| 218    | 14.524 | 14.515 | 14.534 | VV | 47881  | 515110   | 2.36%  | 0.147% |
| 219    | 14.560 | 14.534 | 14.583 | VV | 251387 | 3768726  | 17.24% | 1.072% |
| 220    | 14.598 | 14.583 | 14.607 | VV | 74786  | 920378   | 4.21%  | 0.262% |
| 221    | 14.625 | 14.607 | 14.654 | VV | 156372 | 2108464  | 9.65%  | 0.600% |
| 222    | 14.679 | 14.654 | 14.697 | VV | 34784  | 594863   | 2.72%  | 0.169% |
| 223    | 14.742 | 14.697 | 14.798 | VV | 58555  | 1735379  | 7.94%  | 0.494% |
| 224    | 14.827 | 14.798 | 14.842 | VV | 43826  | 656652   | 3.00%  | 0.187% |
| 225    | 14.885 | 14.842 | 14.904 | VV | 680428 | 11250250 | 51.47% | 3.201% |
| 226    | 14.932 | 14.904 | 14.952 | VV | 758550 | 9889107  | 45.25% | 2.813% |
| 227    | 14.961 | 14.952 | 14.990 | VV | 36370  | 528850   | 2.42%  | 0.150% |
| 228    | 15.037 | 14.990 | 15.085 | VV | 200803 | 3880629  | 17.76% | 1.104% |
| 229    | 15.108 | 15.085 | 15.142 | VV | 42851  | 1015852  | 4.65%  | 0.289% |
| 230    | 15.175 | 15.142 | 15.197 | VV | 70340  | 1310758  | 6.00%  | 0.373% |
| 231    | 15.217 | 15.197 | 15.278 | VV | 68002  | 1839675  | 8.42%  | 0.523% |
| 232    | 15.315 | 15.278 | 15.342 | VV | 64064  | 1492220  | 6.83%  | 0.425% |
| 233    | 15.353 | 15.342 | 15.390 | VV | 38908  | 743428   | 3.40%  | 0.211% |
| 234    | 15.455 | 15.390 | 15.472 | VV | 33294  | 1181859  | 5.41%  | 0.336% |
| 235    | 15.497 | 15.472 | 15.517 | VV | 59155  | 1040423  | 4.76%  | 0.296% |
| 236    | 15.546 | 15.517 | 15.565 | VV | 227026 | 3215306  | 14.71% | 0.915% |
| 237    | 15.582 | 15.565 | 15.615 | VV | 112375 | 1851350  | 8.47%  | 0.527% |
| 238    | 15.631 | 15.615 | 15.645 | VV | 57205  | 769699   | 3.52%  | 0.219% |
| 239    | 15.696 | 15.645 | 15.735 | VV | 124031 | 3997266  | 18.29% | 1.137% |
| 240    | 15.777 | 15.735 | 15.800 | VV | 71067  | 1381703  | 6.32%  | 0.393% |
| 241    | 15.819 | 15.800 | 15.838 | VV | 25160  | 455372   | 2.08%  | 0.130% |
| 242    | 15.860 | 15.838 | 15.885 | VV | 51159  | 811205   | 3.71%  | 0.231% |
| 243    | 15.908 | 15.885 | 15.941 | VV | 31703  | 831232   | 3.80%  | 0.236% |
| 244    | 15.969 | 15.941 | 15.998 | VV | 34279  | 872764   | 3.99%  | 0.248% |
| 245    | 16.010 | 15.998 | 16.021 | VV | 13725  | 178700   | 0.82%  | 0.051% |
| 246    | 16.040 | 16.021 | 16.054 | VV | 16699  | 287415   | 1.32%  | 0.082% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 16.069 | 16.054 | 16.085 | VV | 17557  | 267354   | 1.22%  | 0.076% |
| 248    | 16.096 | 16.085 | 16.108 | VV | 14182  | 186723   | 0.85%  | 0.053% |
| 249    | 16.136 | 16.108 | 16.153 | VV | 40094  | 761701   | 3.49%  | 0.217% |
| 250    | 16.173 | 16.153 | 16.193 | VV | 53036  | 842782   | 3.86%  | 0.240% |
| 251    | 16.216 | 16.193 | 16.264 | VV | 46766  | 1345636  | 6.16%  | 0.383% |
| 252    | 16.288 | 16.264 | 16.317 | VV | 32397  | 836530   | 3.83%  | 0.238% |
| 253    | 16.341 | 16.317 | 16.364 | VV | 58919  | 1118607  | 5.12%  | 0.318% |
| 254    | 16.381 | 16.364 | 16.399 | VV | 41217  | 666116   | 3.05%  | 0.190% |
| 255    | 16.449 | 16.399 | 16.498 | VV | 581409 | 14795348 | 67.70% | 4.209% |
| 256    | 16.510 | 16.498 | 16.525 | VV | 21932  | 311480   | 1.43%  | 0.089% |
| 257    | 16.564 | 16.525 | 16.584 | VV | 154984 | 2256466  | 10.32% | 0.642% |
| 258    | 16.594 | 16.584 | 16.638 | VV | 38900  | 753195   | 3.45%  | 0.214% |
| 259    | 16.681 | 16.638 | 16.695 | VV | 29733  | 651920   | 2.98%  | 0.185% |
| 260    | 16.765 | 16.695 | 16.789 | VV | 357883 | 7440256  | 34.04% | 2.117% |
| 261    | 16.830 | 16.789 | 16.855 | VV | 583916 | 8155024  | 37.31% | 2.320% |
| 262    | 16.878 | 16.855 | 16.890 | VV | 28975  | 495433   | 2.27%  | 0.141% |
| 263    | 16.916 | 16.890 | 16.939 | VV | 173276 | 2369990  | 10.84% | 0.674% |
| 264    | 16.958 | 16.939 | 16.988 | VV | 47922  | 892057   | 4.08%  | 0.254% |
| 265    | 17.051 | 16.988 | 17.091 | VV | 62952  | 2387490  | 10.92% | 0.679% |
| 266    | 17.110 | 17.091 | 17.130 | VV | 33083  | 554110   | 2.54%  | 0.158% |
| 267    | 17.169 | 17.130 | 17.243 | VV | 82648  | 3036184  | 13.89% | 0.864% |
| 268    | 17.270 | 17.243 | 17.277 | VV | 24208  | 347640   | 1.59%  | 0.099% |
| 269    | 17.310 | 17.277 | 17.319 | VV | 61502  | 1010664  | 4.62%  | 0.288% |
| 270    | 17.332 | 17.319 | 17.366 | VV | 66623  | 1080487  | 4.94%  | 0.307% |
| 271    | 17.393 | 17.366 | 17.409 | VV | 50392  | 834004   | 3.82%  | 0.237% |
| 272    | 17.420 | 17.409 | 17.440 | VV | 39260  | 543754   | 2.49%  | 0.155% |
| 273    | 17.469 | 17.440 | 17.544 | VV | 67253  | 2044943  | 9.36%  | 0.582% |
| 274    | 17.564 | 17.544 | 17.575 | VV | 24116  | 372234   | 1.70%  | 0.106% |
| 275    | 17.590 | 17.575 | 17.628 | VV | 26086  | 615041   | 2.81%  | 0.175% |
| 276    | 17.645 | 17.628 | 17.692 | VV | 16611  | 476825   | 2.18%  | 0.136% |
| 277    | 17.762 | 17.692 | 17.779 | VV | 32594  | 1090333  | 4.99%  | 0.310% |
| 278    | 17.794 | 17.779 | 17.819 | VV | 35805  | 593818   | 2.72%  | 0.169% |
| 279    | 17.894 | 17.819 | 17.921 | VV | 42557  | 1625989  | 7.44%  | 0.463% |
| 280    | 17.951 | 17.921 | 17.993 | VV | 51329  | 1507255  | 6.90%  | 0.429% |
| 281    | 18.021 | 17.993 | 18.056 | VV | 23177  | 756911   | 3.46%  | 0.215% |
| 282    | 18.087 | 18.056 | 18.147 | VV | 120692 | 2491865  | 11.40% | 0.709% |
| 283    | 18.191 | 18.147 | 18.244 | VV | 301375 | 6301850  | 28.83% | 1.793% |
| 284    | 18.258 | 18.244 | 18.283 | VV | 51083  | 779494   | 3.57%  | 0.222% |
| 285    | 18.310 | 18.283 | 18.326 | VV | 105925 | 1477032  | 6.76%  | 0.420% |
| 286    | 18.343 | 18.326 | 18.403 | VV | 76673  | 1763598  | 8.07%  | 0.502% |
| 287    | 18.445 | 18.403 | 18.490 | VV | 272912 | 4218642  | 19.30% | 1.200% |
| 288    | 18.516 | 18.490 | 18.536 | VV | 39042  | 753515   | 3.45%  | 0.214% |
| 289    | 18.565 | 18.536 | 18.601 | VV | 88515  | 1582914  | 7.24%  | 0.450% |
| 290    | 18.615 | 18.601 | 18.631 | VV | 13820  | 218379   | 1.00%  | 0.062% |
| 291    | 18.657 | 18.631 | 18.700 | VV | 23641  | 663770   | 3.04%  | 0.189% |
| 292    | 18.738 | 18.700 | 18.794 | VV | 28256  | 1075887  | 4.92%  | 0.306% |
| 293    | 18.817 | 18.794 | 18.833 | VV | 22125  | 468102   | 2.14%  | 0.133% |
| 294    | 18.858 | 18.833 | 18.878 | VV | 39485  | 746467   | 3.42%  | 0.212% |
| 295    | 18.903 | 18.878 | 18.920 | VV | 22483  | 518775   | 2.37%  | 0.148% |
| 296    | 18.941 | 18.920 | 18.967 | VV | 39209  | 683065   | 3.13%  | 0.194% |
| 297    | 18.993 | 18.967 | 19.020 | VV | 26198  | 633367   | 2.90%  | 0.180% |
| 298    | 19.032 | 19.020 | 19.047 | VV | 19431  | 273877   | 1.25%  | 0.078% |
| 299    | 19.058 | 19.047 | 19.071 | VV | 16141  | 223224   | 1.02%  | 0.064% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 300    | 19.106 | 19.071 | 19.159 | VV | 33099  | 1142413 | 5.23%  | 0.325% |
| 301    | 19.176 | 19.159 | 19.190 | VV | 12577  | 201436  | 0.92%  | 0.057% |
| 302    | 19.206 | 19.190 | 19.215 | VV | 12571  | 179180  | 0.82%  | 0.051% |
| 303    | 19.228 | 19.215 | 19.247 | VV | 12963  | 225701  | 1.03%  | 0.064% |
| 304    | 19.276 | 19.247 | 19.303 | VV | 15004  | 377378  | 1.73%  | 0.107% |
| 305    | 19.317 | 19.303 | 19.328 | VV | 9950   | 144393  | 0.66%  | 0.041% |
| 306    | 19.376 | 19.328 | 19.397 | VV | 15609  | 528336  | 2.42%  | 0.150% |
| 307    | 19.437 | 19.397 | 19.464 | VV | 20592  | 607763  | 2.78%  | 0.173% |
| 308    | 19.476 | 19.464 | 19.487 | VV | 13573  | 181848  | 0.83%  | 0.052% |
| 309    | 19.517 | 19.487 | 19.544 | VV | 22886  | 605037  | 2.77%  | 0.172% |
| 310    | 19.583 | 19.544 | 19.611 | VV | 94951  | 2111409 | 9.66%  | 0.601% |
| 311    | 19.652 | 19.611 | 19.683 | VV | 107662 | 2335937 | 10.69% | 0.665% |
| 312    | 19.707 | 19.683 | 19.724 | VV | 38619  | 844767  | 3.87%  | 0.240% |
| 313    | 19.739 | 19.724 | 19.761 | VV | 42127  | 743026  | 3.40%  | 0.211% |
| 314    | 19.777 | 19.761 | 19.820 | VV | 26226  | 710324  | 3.25%  | 0.202% |
| 315    | 19.862 | 19.820 | 19.901 | VV | 32821  | 943532  | 4.32%  | 0.268% |
| 316    | 19.961 | 19.901 | 19.994 | VV | 96949  | 2360750 | 10.80% | 0.672% |
| 317    | 20.026 | 19.994 | 20.077 | VV | 41829  | 1452643 | 6.65%  | 0.413% |
| 318    | 20.101 | 20.077 | 20.125 | VV | 36581  | 792865  | 3.63%  | 0.226% |
| 319    | 20.134 | 20.125 | 20.147 | VV | 21161  | 265917  | 1.22%  | 0.076% |
| 320    | 20.157 | 20.147 | 20.185 | VV | 21029  | 450963  | 2.06%  | 0.128% |
| 321    | 20.229 | 20.185 | 20.261 | VV | 23977  | 971087  | 4.44%  | 0.276% |
| 322    | 20.270 | 20.261 | 20.283 | VV | 18348  | 241407  | 1.10%  | 0.069% |
| 323    | 20.299 | 20.283 | 20.339 | VV | 20836  | 610191  | 2.79%  | 0.174% |
| 324    | 20.376 | 20.339 | 20.398 | VV | 20303  | 619306  | 2.83%  | 0.176% |
| 325    | 20.432 | 20.398 | 20.448 | VV | 20484  | 556980  | 2.55%  | 0.158% |
| 326    | 20.461 | 20.448 | 20.501 | VV | 19623  | 561212  | 2.57%  | 0.160% |
| 327    | 20.521 | 20.501 | 20.577 | VV | 16771  | 691453  | 3.16%  | 0.197% |
| 328    | 20.603 | 20.577 | 20.635 | VV | 18977  | 572852  | 2.62%  | 0.163% |
| 329    | 20.648 | 20.635 | 20.677 | VV | 14808  | 346295  | 1.58%  | 0.099% |
| 330    | 20.705 | 20.677 | 20.727 | VV | 13065  | 371243  | 1.70%  | 0.106% |
| 331    | 20.739 | 20.727 | 20.759 | VV | 12326  | 231248  | 1.06%  | 0.066% |
| 332    | 20.783 | 20.759 | 20.818 | VV | 12757  | 431101  | 1.97%  | 0.123% |
| 333    | 20.833 | 20.818 | 20.915 | VV | 12052  | 602864  | 2.76%  | 0.172% |
| 334    | 20.968 | 20.915 | 21.039 | VV | 14649  | 878567  | 4.02%  | 0.250% |
| 335    | 21.069 | 21.039 | 21.104 | VV | 12566  | 396097  | 1.81%  | 0.113% |
| 336    | 21.141 | 21.104 | 21.158 | VV | 10547  | 295937  | 1.35%  | 0.084% |
| 337    | 21.179 | 21.158 | 21.218 | VV | 12267  | 366852  | 1.68%  | 0.104% |
| 338    | 21.265 | 21.218 | 21.298 | VV | 13054  | 499088  | 2.28%  | 0.142% |
| 339    | 21.358 | 21.298 | 21.501 | VV | 17653  | 1256945 | 5.75%  | 0.358% |
| 340    | 21.528 | 21.501 | 21.551 | VV | 6439   | 175167  | 0.80%  | 0.050% |
| 341    | 21.568 | 21.551 | 21.615 | VV | 6392   | 198707  | 0.91%  | 0.057% |
| 342    | 21.664 | 21.615 | 21.714 | VV | 8202   | 311575  | 1.43%  | 0.089% |
| 343    | 21.749 | 21.714 | 21.826 | VV | 7723   | 329553  | 1.51%  | 0.094% |
| 344    | 21.846 | 21.826 | 21.868 | VV | 3088   | 67186   | 0.31%  | 0.019% |
| 345    | 21.892 | 21.868 | 21.988 | VV | 3071   | 92561   | 0.42%  | 0.026% |

Sum of corrected areas: 351504001

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