

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051920AL\  
 Data File : FC047510.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 May 2020 18:17  
 Sample : L2686-02DL 2X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 050820.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         | 3.574       | 3.496        | 3.628      | BV       | 116            | 3357         | 0.02%          | 0.000%        |
| 2         | 3.638       | 3.628        | 3.719      | VV       | 70             | 3968         | 0.02%          | 0.001%        |
| 3         | 3.748       | 3.741        | 3.790      | VV       | 175            | 2269         | 0.01%          | 0.000%        |
| 4         | 3.837       | 3.790        | 3.861      | VV       | 148            | 3936         | 0.02%          | 0.000%        |
| 5         | 3.878       | 3.861        | 3.946      | VV       | 177            | 4558         | 0.03%          | 0.001%        |
| 6         | 4.018       | 3.961        | 4.026      | VV       | 133            | 3450         | 0.02%          | 0.000%        |
| 7         | 4.036       | 4.026        | 4.066      | VV       | 85             | 2052         | 0.01%          | 0.000%        |
| 8         | 4.097       | 4.085        | 4.111      | VV       | 127            | 1647         | 0.01%          | 0.000%        |
| 9         | 4.124       | 4.111        | 4.131      | VV       | 143            | 1380         | 0.01%          | 0.000%        |
| 10        | 4.153       | 4.131        | 4.196      | VB       | 156            | 3168         | 0.02%          | 0.000%        |
| 11        | 4.252       | 4.231        | 4.274      | BV       | 59             | 1031         | 0.01%          | 0.000%        |
| 12        | 4.333       | 4.299        | 4.377      | VV       | 114            | 2718         | 0.02%          | 0.000%        |
| 13        | 4.409       | 4.377        | 4.434      | PV       | 165            | 3250         | 0.02%          | 0.000%        |
| 14        | 4.441       | 4.434        | 4.491      | VV       | 105            | 2997         | 0.02%          | 0.000%        |
| 15        | 4.513       | 4.491        | 4.552      | VV       | 165            | 3075         | 0.02%          | 0.000%        |
| 16        | 4.564       | 4.552        | 4.586      | VV       | 172            | 1981         | 0.01%          | 0.000%        |
| 17        | 4.619       | 4.586        | 4.634      | VV       | 255            | 3344         | 0.02%          | 0.000%        |
| 18        | 4.644       | 4.634        | 4.664      | VV       | 201            | 1963         | 0.01%          | 0.000%        |
| 19        | 4.682       | 4.664        | 4.722      | VV       | 176            | 3319         | 0.02%          | 0.000%        |
| 20        | 4.729       | 4.722        | 4.759      | VV       | 123            | 2055         | 0.01%          | 0.000%        |
| 21        | 4.781       | 4.759        | 4.814      | VV       | 262            | 5164         | 0.03%          | 0.001%        |
| 22        | 4.827       | 4.814        | 4.852      | VV       | 206            | 3541         | 0.02%          | 0.000%        |
| 23        | 4.865       | 4.852        | 4.984      | VV       | 207            | 10059        | 0.06%          | 0.001%        |
| 24        | 5.022       | 5.007        | 5.046      | VV       | 123            | 1376         | 0.01%          | 0.000%        |
| 25        | 5.094       | 5.067        | 5.117      | VV       | 218            | 3294         | 0.02%          | 0.000%        |
| 26        | 5.136       | 5.117        | 5.194      | VV       | 134            | 2917         | 0.02%          | 0.000%        |
| 27        | 5.240       | 5.194        | 5.281      | PV       | 229            | 4640         | 0.03%          | 0.001%        |
| 28        | 5.299       | 5.281        | 5.328      | VV       | 195            | 2676         | 0.02%          | 0.000%        |
| 29        | 5.362       | 5.328        | 5.381      | VV       | 127            | 3088         | 0.02%          | 0.000%        |
| 30        | 5.411       | 5.396        | 5.445      | VV       | 100            | 2341         | 0.01%          | 0.000%        |
| 31        | 5.498       | 5.445        | 5.521      | VV       | 118            | 3832         | 0.02%          | 0.000%        |
| 32        | 5.550       | 5.521        | 5.591      | VV       | 161            | 4207         | 0.02%          | 0.001%        |
| 33        | 5.598       | 5.591        | 5.627      | VV       | 125            | 1670         | 0.01%          | 0.000%        |
| 34        | 5.643       | 5.627        | 5.664      | PV       | 277            | 3904         | 0.02%          | 0.000%        |
| 35        | 5.682       | 5.664        | 5.695      | VV       | 585            | 6456         | 0.04%          | 0.001%        |
| 36        | 5.713       | 5.695        | 5.752      | VV       | 1127           | 17149        | 0.10%          | 0.002%        |

|    |       |       |       |    | rteres |         |       |        |
|----|-------|-------|-------|----|--------|---------|-------|--------|
| 37 | 5.765 | 5.752 | 5.814 | VV | 194    | 4711    | 0.03% | 0.001% |
| 38 | 5.839 | 5.814 | 5.868 | VV | 476    | 5856    | 0.03% | 0.001% |
| 39 | 5.920 | 5.895 | 5.934 | VV | 282    | 3633    | 0.02% | 0.000% |
| 40 | 5.947 | 5.934 | 5.965 | VV | 190    | 2644    | 0.02% | 0.000% |
|    |       |       |       |    |        |         |       |        |
| 41 | 5.975 | 5.965 | 6.014 | VV | 150    | 3792    | 0.02% | 0.000% |
| 42 | 6.041 | 6.014 | 6.071 | VV | 259    | 5973    | 0.03% | 0.001% |
| 43 | 6.098 | 6.071 | 6.123 | VV | 304    | 3719    | 0.02% | 0.000% |
| 44 | 6.147 | 6.123 | 6.165 | PV | 281    | 4593    | 0.03% | 0.001% |
| 45 | 6.173 | 6.165 | 6.188 | VV | 194    | 2377    | 0.01% | 0.000% |
|    |       |       |       |    |        |         |       |        |
| 46 | 6.197 | 6.188 | 6.218 | VV | 287    | 2866    | 0.02% | 0.000% |
| 47 | 6.242 | 6.218 | 6.294 | VV | 400    | 11286   | 0.07% | 0.001% |
| 48 | 6.322 | 6.294 | 6.348 | VV | 768    | 13287   | 0.08% | 0.002% |
| 49 | 6.387 | 6.348 | 6.410 | VV | 402    | 11371   | 0.07% | 0.001% |
| 50 | 6.426 | 6.410 | 6.438 | VV | 324    | 4057    | 0.02% | 0.001% |
|    |       |       |       |    |        |         |       |        |
| 51 | 6.465 | 6.438 | 6.481 | VV | 396    | 6212    | 0.04% | 0.001% |
| 52 | 6.498 | 6.481 | 6.517 | VV | 257    | 3211    | 0.02% | 0.000% |
| 53 | 6.555 | 6.517 | 6.578 | PV | 437    | 9781    | 0.06% | 0.001% |
| 54 | 6.612 | 6.578 | 6.664 | VV | 626    | 15560   | 0.09% | 0.002% |
| 55 | 6.684 | 6.664 | 6.704 | VV | 225    | 2711    | 0.02% | 0.000% |
|    |       |       |       |    |        |         |       |        |
| 56 | 6.726 | 6.704 | 6.741 | PV | 298    | 3893    | 0.02% | 0.000% |
| 57 | 6.761 | 6.741 | 6.814 | VV | 658    | 16902   | 0.10% | 0.002% |
| 58 | 6.825 | 6.814 | 6.859 | VV | 308    | 4924    | 0.03% | 0.001% |
| 59 | 6.894 | 6.859 | 6.918 | PV | 754    | 11319   | 0.07% | 0.001% |
| 60 | 6.956 | 6.918 | 6.981 | VV | 529    | 12082   | 0.07% | 0.002% |
|    |       |       |       |    |        |         |       |        |
| 61 | 7.030 | 6.981 | 7.048 | VV | 651    | 12565   | 0.07% | 0.002% |
| 62 | 7.122 | 7.048 | 7.158 | VV | 1002   | 34763   | 0.20% | 0.004% |
| 63 | 7.184 | 7.158 | 7.200 | VV | 891    | 17289   | 0.10% | 0.002% |
| 64 | 7.212 | 7.200 | 7.231 | VV | 680    | 10019   | 0.06% | 0.001% |
| 65 | 7.245 | 7.231 | 7.253 | VV | 523    | 6226    | 0.04% | 0.001% |
|    |       |       |       |    |        |         |       |        |
| 66 | 7.272 | 7.253 | 7.292 | VV | 1003   | 18136   | 0.11% | 0.002% |
| 67 | 7.331 | 7.292 | 7.340 | VV | 1230   | 28454   | 0.16% | 0.004% |
| 68 | 7.360 | 7.340 | 7.386 | VV | 5326   | 63226   | 0.37% | 0.008% |
| 69 | 7.420 | 7.386 | 7.436 | VV | 1780   | 32527   | 0.19% | 0.004% |
| 70 | 7.461 | 7.436 | 7.479 | VV | 1590   | 31706   | 0.18% | 0.004% |
|    |       |       |       |    |        |         |       |        |
| 71 | 7.499 | 7.479 | 7.514 | VV | 1861   | 29260   | 0.17% | 0.004% |
| 72 | 7.532 | 7.514 | 7.548 | VV | 2682   | 41726   | 0.24% | 0.005% |
| 73 | 7.559 | 7.548 | 7.573 | VV | 2167   | 29060   | 0.17% | 0.004% |
| 74 | 7.592 | 7.573 | 7.604 | VV | 2232   | 37201   | 0.22% | 0.005% |
| 75 | 7.624 | 7.604 | 7.642 | VV | 2537   | 50090   | 0.29% | 0.006% |
|    |       |       |       |    |        |         |       |        |
| 76 | 7.670 | 7.642 | 7.681 | VV | 2603   | 55082   | 0.32% | 0.007% |
| 77 | 7.727 | 7.681 | 7.780 | VV | 4099   | 200938  | 1.16% | 0.025% |
| 78 | 7.926 | 7.912 | 7.947 | VV | 11233  | 205804  | 1.19% | 0.026% |
| 79 | 7.968 | 7.947 | 7.985 | VV | 11744  | 237824  | 1.38% | 0.030% |
| 80 | 7.997 | 7.985 | 8.038 | VV | 10664  | 314715  | 1.82% | 0.040% |
|    |       |       |       |    |        |         |       |        |
| 81 | 8.046 | 8.038 | 8.057 | VV | 9317   | 102015  | 0.59% | 0.013% |
| 82 | 8.110 | 8.057 | 8.124 | VV | 13751  | 476631  | 2.76% | 0.060% |
| 83 | 8.146 | 8.124 | 8.185 | VV | 18518  | 541594  | 3.14% | 0.069% |
| 84 | 8.212 | 8.185 | 8.233 | VV | 20117  | 499191  | 2.89% | 0.063% |
| 85 | 8.305 | 8.233 | 8.320 | VV | 21113  | 1013162 | 5.87% | 0.128% |
|    |       |       |       |    |        |         |       |        |
| 86 | 8.344 | 8.320 | 8.361 | VV | 24193  | 559046  | 3.24% | 0.071% |
| 87 | 8.410 | 8.361 | 8.438 | VV | 33566  | 1354482 | 7.85% | 0.172% |
| 88 | 8.450 | 8.438 | 8.457 | VV | 30538  | 336800  | 1.95% | 0.043% |
| 89 | 8.483 | 8.457 | 8.508 | VV | 40378  | 1111917 | 6.44% | 0.141% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 90     | 8.531  | 8.508  | 8.548  | VV | 78372  | 1340056  | 7.76%  | 0.170% |
| 91     | 8.566  | 8.548  | 8.605  | VV | 61405  | 1753753  | 10.16% | 0.222% |
| 92     | 8.668  | 8.605  | 8.688  | VV | 58793  | 2590161  | 15.00% | 0.329% |
| 93     | 8.797  | 8.772  | 8.816  | VV | 95779  | 2155472  | 12.49% | 0.273% |
| 94     | 8.862  | 8.816  | 8.882  | VV | 124028 | 3599137  | 20.85% | 0.456% |
| 95     | 8.898  | 8.882  | 8.909  | VV | 102186 | 1557919  | 9.02%  | 0.198% |
| 96     | 8.926  | 8.909  | 8.947  | VV | 129838 | 2477712  | 14.35% | 0.314% |
| 97     | 8.964  | 8.947  | 8.988  | VV | 99273  | 2310354  | 13.38% | 0.293% |
| 98     | 9.011  | 8.988  | 9.022  | VV | 113214 | 2098458  | 12.16% | 0.266% |
| 99     | 9.062  | 9.022  | 9.109  | VV | 122607 | 6048645  | 35.04% | 0.767% |
| 100    | 9.147  | 9.109  | 9.188  | VV | 134308 | 5956150  | 34.50% | 0.755% |
| 101    | 9.210  | 9.188  | 9.225  | VV | 131668 | 2782868  | 16.12% | 0.353% |
| 102    | 9.264  | 9.225  | 9.275  | VV | 137347 | 3902604  | 22.61% | 0.495% |
| 103    | 9.298  | 9.275  | 9.327  | VV | 156382 | 4492121  | 26.02% | 0.570% |
| 104    | 9.342  | 9.327  | 9.358  | VV | 142754 | 2528591  | 14.65% | 0.321% |
| 105    | 9.380  | 9.358  | 9.400  | VV | 148020 | 3573249  | 20.70% | 0.453% |
| 106    | 9.428  | 9.400  | 9.461  | VV | 170223 | 5667703  | 32.83% | 0.719% |
| 107    | 9.474  | 9.461  | 9.486  | VV | 163486 | 2372839  | 13.74% | 0.301% |
| 108    | 9.503  | 9.486  | 9.518  | VV | 166337 | 3017277  | 17.48% | 0.383% |
| 109    | 9.535  | 9.518  | 9.555  | VV | 181187 | 3739993  | 21.66% | 0.474% |
| 110    | 9.614  | 9.555  | 9.649  | VV | 223434 | 10118773 | 58.61% | 1.283% |
| 111    | 9.674  | 9.649  | 9.684  | VV | 180543 | 3689757  | 21.37% | 0.468% |
| 112    | 9.695  | 9.684  | 9.710  | VV | 183815 | 2755382  | 15.96% | 0.349% |
| 113    | 9.737  | 9.710  | 9.758  | VV | 178995 | 5106111  | 29.58% | 0.648% |
| 114    | 9.777  | 9.758  | 9.798  | VV | 191327 | 4296118  | 24.89% | 0.545% |
| 115    | 9.834  | 9.798  | 9.874  | VV | 188146 | 8297338  | 48.06% | 1.052% |
| 116    | 9.892  | 9.874  | 9.905  | VV | 186757 | 3325455  | 19.26% | 0.422% |
| 117    | 9.959  | 9.905  | 9.976  | VV | 202381 | 8236446  | 47.71% | 1.045% |
| 118    | 10.004 | 9.976  | 10.019 | VV | 196893 | 4967619  | 28.78% | 0.630% |
| 119    | 10.044 | 10.019 | 10.068 | VV | 205361 | 5800918  | 33.60% | 0.736% |
| 120    | 10.093 | 10.068 | 10.141 | VV | 203058 | 8700188  | 50.40% | 1.103% |
| 121    | 10.173 | 10.141 | 10.194 | VV | 208434 | 6279128  | 36.37% | 0.796% |
| 122    | 10.206 | 10.194 | 10.211 | VV | 207786 | 2171497  | 12.58% | 0.275% |
| 123    | 10.234 | 10.211 | 10.248 | VV | 212142 | 4515500  | 26.16% | 0.573% |
| 124    | 10.266 | 10.248 | 10.288 | VV | 217496 | 4967714  | 28.78% | 0.630% |
| 125    | 10.378 | 10.288 | 10.400 | VV | 241577 | 14784819 | 85.64% | 1.875% |
| 126    | 10.441 | 10.400 | 10.465 | VV | 234624 | 8680411  | 50.28% | 1.101% |
| 127    | 10.477 | 10.465 | 10.493 | VV | 231811 | 3937737  | 22.81% | 0.499% |
| 128    | 10.524 | 10.493 | 10.548 | VV | 264237 | 7773307  | 45.03% | 0.986% |
| 129    | 10.564 | 10.548 | 10.577 | VV | 224281 | 3852056  | 22.31% | 0.489% |
| 130    | 10.647 | 10.577 | 10.685 | VV | 250054 | 14996394 | 86.87% | 1.902% |
| 131    | 10.720 | 10.685 | 10.736 | VV | 260945 | 7527907  | 43.61% | 0.955% |
| 132    | 10.785 | 10.736 | 10.817 | VV | 306269 | 12820793 | 74.27% | 1.626% |
| 133    | 10.832 | 10.817 | 10.858 | VV | 251068 | 6040773  | 34.99% | 0.766% |
| 134    | 10.867 | 10.858 | 10.881 | VV | 250438 | 3458112  | 20.03% | 0.439% |
| 135    | 10.890 | 10.881 | 10.905 | VV | 242734 | 3457671  | 20.03% | 0.439% |
| 136    | 10.921 | 10.905 | 10.941 | VV | 255143 | 5332715  | 30.89% | 0.676% |
| 137    | 10.964 | 10.941 | 10.982 | VV | 272208 | 6236000  | 36.12% | 0.791% |
| 138    | 10.998 | 10.982 | 11.020 | VV | 266469 | 5818202  | 33.70% | 0.738% |
| 139    | 11.041 | 11.020 | 11.067 | VV | 258244 | 7189284  | 41.64% | 0.912% |
| 140    | 11.075 | 11.067 | 11.082 | VV | 255140 | 2241996  | 12.99% | 0.284% |
| 141    | 11.105 | 11.082 | 11.124 | VV | 267560 | 6581794  | 38.13% | 0.835% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 11.141 | 11.124 | 11.161 | VV | 271379 | 5873883  | 34.02%  | 0.745% |
| 143    | 11.175 | 11.161 | 11.188 | VV | 264698 | 4168625  | 24.15%  | 0.529% |
| 144    | 11.205 | 11.188 | 11.240 | VV | 288599 | 8562622  | 49.60%  | 1.086% |
| 145    | 11.261 | 11.240 | 11.298 | VV | 274803 | 9327220  | 54.03%  | 1.183% |
| 146    | 11.315 | 11.298 | 11.341 | VV | 271152 | 6856866  | 39.72%  | 0.870% |
| 147    | 11.388 | 11.341 | 11.401 | VV | 277304 | 9614359  | 55.69%  | 1.219% |
| 148    | 11.415 | 11.401 | 11.434 | VV | 282309 | 5412316  | 31.35%  | 0.686% |
| 149    | 11.447 | 11.434 | 11.472 | VV | 267375 | 6069595  | 35.16%  | 0.770% |
| 150    | 11.506 | 11.472 | 11.575 | VV | 347567 | 17263471 | 100.00% | 2.190% |
| 151    | 11.586 | 11.575 | 11.598 | VV | 265623 | 3608276  | 20.90%  | 0.458% |
| 152    | 11.616 | 11.598 | 11.631 | VV | 263256 | 5183292  | 30.02%  | 0.657% |
| 153    | 11.652 | 11.631 | 11.670 | VV | 273571 | 6137654  | 35.55%  | 0.778% |
| 154    | 11.682 | 11.670 | 11.688 | VV | 271063 | 2836971  | 16.43%  | 0.360% |
| 155    | 11.707 | 11.688 | 11.725 | VV | 282005 | 6226999  | 36.07%  | 0.790% |
| 156    | 11.746 | 11.725 | 11.771 | VV | 452272 | 9519869  | 55.14%  | 1.207% |
| 157    | 11.792 | 11.771 | 11.810 | VV | 286097 | 6352046  | 36.79%  | 0.806% |
| 158    | 11.823 | 11.810 | 11.848 | VV | 279379 | 6298556  | 36.48%  | 0.799% |
| 159    | 11.885 | 11.848 | 11.896 | VV | 287017 | 7986628  | 46.26%  | 1.013% |
| 160    | 11.934 | 11.896 | 11.969 | VV | 300083 | 12538400 | 72.63%  | 1.590% |
| 161    | 11.977 | 11.969 | 12.030 | VV | 288788 | 9994823  | 57.90%  | 1.268% |
| 162    | 12.053 | 12.030 | 12.091 | VV | 303725 | 10495155 | 60.79%  | 1.331% |
| 163    | 12.102 | 12.091 | 12.144 | VV | 279259 | 8355986  | 48.40%  | 1.060% |
| 164    | 12.196 | 12.144 | 12.245 | VV | 280195 | 16339607 | 94.65%  | 2.072% |
| 165    | 12.262 | 12.245 | 12.281 | VV | 265504 | 5762723  | 33.38%  | 0.731% |
| 166    | 12.299 | 12.281 | 12.318 | VV | 276964 | 5986328  | 34.68%  | 0.759% |
| 167    | 12.338 | 12.318 | 12.355 | VV | 278233 | 5931256  | 34.36%  | 0.752% |
| 168    | 12.368 | 12.355 | 12.384 | VV | 271827 | 4761348  | 27.58%  | 0.604% |
| 169    | 12.402 | 12.384 | 12.434 | VV | 273152 | 7966383  | 46.15%  | 1.010% |
| 170    | 12.471 | 12.434 | 12.484 | VV | 271935 | 7843224  | 45.43%  | 0.995% |
| 171    | 12.503 | 12.484 | 12.536 | VV | 268984 | 8149513  | 47.21%  | 1.034% |
| 172    | 12.560 | 12.536 | 12.569 | VV | 256538 | 4956102  | 28.71%  | 0.629% |
| 173    | 12.582 | 12.569 | 12.621 | VV | 263362 | 7998064  | 46.33%  | 1.014% |
| 174    | 12.640 | 12.621 | 12.664 | VV | 258142 | 6532648  | 37.84%  | 0.829% |
| 175    | 12.682 | 12.664 | 12.705 | VV | 262948 | 6144624  | 35.59%  | 0.779% |
| 176    | 12.712 | 12.705 | 12.761 | VV | 260846 | 8442443  | 48.90%  | 1.071% |
| 177    | 12.772 | 12.761 | 12.798 | VV | 249486 | 5419191  | 31.39%  | 0.687% |
| 178    | 12.826 | 12.798 | 12.881 | VV | 290902 | 12843279 | 74.40%  | 1.629% |
| 179    | 12.889 | 12.881 | 12.908 | VV | 239971 | 3754656  | 21.75%  | 0.476% |
| 180    | 12.921 | 12.908 | 12.937 | VV | 239262 | 4109389  | 23.80%  | 0.521% |
| 181    | 12.954 | 12.937 | 12.978 | VV | 235137 | 5588486  | 32.37%  | 0.709% |
| 182    | 12.989 | 12.978 | 13.019 | VV | 235862 | 5666358  | 32.82%  | 0.719% |
| 183    | 13.037 | 13.019 | 13.061 | VV | 232919 | 5705475  | 33.05%  | 0.724% |
| 184    | 13.072 | 13.061 | 13.091 | VV | 229575 | 4128539  | 23.91%  | 0.524% |
| 185    | 13.099 | 13.091 | 13.105 | VV | 225802 | 1868152  | 10.82%  | 0.237% |
| 186    | 13.127 | 13.105 | 13.141 | VV | 272926 | 5353135  | 31.01%  | 0.679% |
| 187    | 13.161 | 13.141 | 13.190 | VV | 363285 | 8230120  | 47.67%  | 1.044% |
| 188    | 13.210 | 13.190 | 13.235 | VV | 233143 | 6065866  | 35.14%  | 0.769% |
| 189    | 13.245 | 13.235 | 13.252 | VV | 219862 | 2237775  | 12.96%  | 0.284% |
| 190    | 13.258 | 13.252 | 13.265 | VV | 219596 | 1593909  | 9.23%   | 0.202% |
| 191    | 13.276 | 13.265 | 13.312 | VV | 216955 | 6034214  | 34.95%  | 0.765% |
| 192    | 13.323 | 13.312 | 13.342 | VV | 212239 | 3713669  | 21.51%  | 0.471% |
| 193    | 13.355 | 13.342 | 13.371 | VV | 212322 | 3675552  | 21.29%  | 0.466% |
| 194    | 13.384 | 13.371 | 13.431 | VV | 209268 | 7369867  | 42.69%  | 0.935% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 195 | 13.444 | 13.431 | 13.456 | VV | 205617 | 2975254  | 17.23% | 0.377% |
| 196 | 13.461 | 13.456 | 13.482 | VV | 204271 | 3102505  | 17.97% | 0.393% |
| 197 | 13.504 | 13.482 | 13.516 | VV | 207916 | 4114051  | 23.83% | 0.522% |
| 198 | 13.536 | 13.516 | 13.585 | VV | 206568 | 8107848  | 46.97% | 1.028% |
| 199 | 13.590 | 13.585 | 13.698 | VV | 194450 | 12707664 | 73.61% | 1.612% |
| 200 | 13.720 | 13.698 | 13.788 | VV | 188266 | 9595709  | 55.58% | 1.217% |
| 201 | 13.823 | 13.788 | 13.895 | VV | 180737 | 10855656 | 62.88% | 1.377% |
| 202 | 13.901 | 13.895 | 13.914 | VV | 165847 | 1895281  | 10.98% | 0.240% |
| 203 | 13.932 | 13.914 | 14.026 | VV | 165487 | 10472454 | 60.66% | 1.328% |
| 204 | 14.043 | 14.026 | 14.068 | VV | 156543 | 3752819  | 21.74% | 0.476% |
| 205 | 14.080 | 14.068 | 14.118 | VV | 148258 | 4202810  | 24.35% | 0.533% |
| 206 | 14.134 | 14.118 | 14.183 | VV | 148658 | 5357578  | 31.03% | 0.679% |
| 207 | 14.197 | 14.183 | 14.269 | VV | 139353 | 6630802  | 38.41% | 0.841% |
| 208 | 14.294 | 14.269 | 14.335 | VV | 123439 | 4628244  | 26.81% | 0.587% |
| 209 | 14.342 | 14.335 | 14.410 | VV | 111663 | 4885242  | 28.30% | 0.620% |
| 210 | 14.429 | 14.410 | 14.533 | VV | 108990 | 7356425  | 42.61% | 0.933% |
| 211 | 14.544 | 14.533 | 14.618 | VV | 94713  | 4540701  | 26.30% | 0.576% |
| 212 | 14.632 | 14.618 | 14.668 | VV | 84525  | 2438058  | 14.12% | 0.309% |
| 213 | 14.678 | 14.668 | 14.700 | VV | 80987  | 1542558  | 8.94%  | 0.196% |
| 214 | 14.721 | 14.700 | 14.784 | VV | 83994  | 3633494  | 21.05% | 0.461% |
| 215 | 14.804 | 14.784 | 14.829 | VV | 65202  | 1705797  | 9.88%  | 0.216% |
| 216 | 14.837 | 14.829 | 14.868 | VV | 61021  | 1362019  | 7.89%  | 0.173% |
| 217 | 14.878 | 14.868 | 14.946 | VV | 57676  | 2501904  | 14.49% | 0.317% |
| 218 | 14.998 | 14.946 | 15.019 | VV | 73236  | 2396628  | 13.88% | 0.304% |
| 219 | 15.039 | 15.019 | 15.119 | VV | 68508  | 2918888  | 16.91% | 0.370% |
| 220 | 15.130 | 15.119 | 15.185 | VV | 39478  | 1465771  | 8.49%  | 0.186% |
| 221 | 15.194 | 15.185 | 15.219 | VV | 35148  | 702689   | 4.07%  | 0.089% |
| 222 | 15.228 | 15.219 | 15.308 | VV | 32724  | 1561638  | 9.05%  | 0.198% |
| 223 | 15.328 | 15.308 | 15.338 | VV | 26757  | 465934   | 2.70%  | 0.059% |
| 224 | 15.381 | 15.338 | 15.422 | VV | 29991  | 1332778  | 7.72%  | 0.169% |
| 225 | 15.432 | 15.422 | 15.488 | VV | 22446  | 817983   | 4.74%  | 0.104% |
| 226 | 15.507 | 15.488 | 15.518 | VV | 21662  | 364303   | 2.11%  | 0.046% |
| 227 | 15.532 | 15.518 | 15.579 | VV | 25347  | 742508   | 4.30%  | 0.094% |
| 228 | 15.590 | 15.579 | 15.609 | VV | 16655  | 284629   | 1.65%  | 0.036% |
| 229 | 15.619 | 15.609 | 15.641 | VV | 14481  | 259260   | 1.50%  | 0.033% |
| 230 | 15.668 | 15.641 | 15.693 | VV | 18998  | 486326   | 2.82%  | 0.062% |
| 231 | 15.704 | 15.693 | 15.747 | VV | 14431  | 436199   | 2.53%  | 0.055% |
| 232 | 15.767 | 15.747 | 15.795 | VV | 13238  | 319354   | 1.85%  | 0.041% |
| 233 | 15.812 | 15.795 | 15.886 | VV | 13430  | 606766   | 3.51%  | 0.077% |
| 234 | 15.904 | 15.886 | 15.961 | VV | 9451   | 340522   | 1.97%  | 0.043% |
| 235 | 16.006 | 15.961 | 16.032 | VV | 10091  | 302445   | 1.75%  | 0.038% |
| 236 | 16.050 | 16.032 | 16.155 | VV | 5842   | 344320   | 1.99%  | 0.044% |
| 237 | 16.185 | 16.155 | 16.204 | VV | 4080   | 113360   | 0.66%  | 0.014% |
| 238 | 16.228 | 16.204 | 16.250 | VV | 4383   | 99711    | 0.58%  | 0.013% |
| 239 | 16.261 | 16.250 | 16.282 | VV | 3805   | 59072    | 0.34%  | 0.007% |
| 240 | 16.334 | 16.282 | 16.369 | VV | 71470  | 1017062  | 5.89%  | 0.129% |
| 241 | 16.387 | 16.369 | 16.433 | VV | 6743   | 182462   | 1.06%  | 0.023% |
| 242 | 16.447 | 16.433 | 16.461 | VV | 3852   | 58316    | 0.34%  | 0.007% |
| 243 | 16.485 | 16.461 | 16.519 | VV | 7006   | 137721   | 0.80%  | 0.017% |
| 244 | 16.555 | 16.519 | 16.576 | VV | 42611  | 595871   | 3.45%  | 0.076% |
| 245 | 16.583 | 16.576 | 16.668 | VV | 15771  | 305501   | 1.77%  | 0.039% |
| 246 | 16.693 | 16.668 | 16.775 | VV | 6679   | 154923   | 0.90%  | 0.020% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 16.808 | 16.775 | 16.831 | VV | 7319   | 109315 | 0.63% | 0.014% |
| 248 | 16.841 | 16.831 | 16.853 | VV | 2367   | 27479  | 0.16% | 0.003% |
| 249 | 16.878 | 16.853 | 16.913 | VV | 20734  | 306104 | 1.77% | 0.039% |
| 250 | 16.945 | 16.913 | 17.011 | VV | 25781  | 513830 | 2.98% | 0.065% |
| 251 | 17.036 | 17.011 | 17.134 | VV | 6840   | 197323 | 1.14% | 0.025% |
| 252 | 17.183 | 17.134 | 17.204 | VV | 2770   | 74061  | 0.43% | 0.009% |
| 253 | 17.214 | 17.204 | 17.267 | VV | 2126   | 44520  | 0.26% | 0.006% |
| 254 | 17.330 | 17.267 | 17.373 | VV | 8320   | 229955 | 1.33% | 0.029% |
| 255 | 17.398 | 17.373 | 17.421 | VV | 11794  | 151405 | 0.88% | 0.019% |
| 256 | 17.436 | 17.421 | 17.455 | VV | 2158   | 31668  | 0.18% | 0.004% |
| 257 | 17.473 | 17.455 | 17.510 | VV | 1761   | 39254  | 0.23% | 0.005% |
| 258 | 17.539 | 17.510 | 17.577 | PV | 1654   | 37908  | 0.22% | 0.005% |
| 259 | 17.604 | 17.577 | 17.674 | VV | 2351   | 60983  | 0.35% | 0.008% |
| 260 | 17.685 | 17.674 | 17.691 | PV | 258    | 1783   | 0.01% | 0.000% |
| 261 | 17.708 | 17.691 | 17.722 | VV | 694    | 7721   | 0.04% | 0.001% |
| 262 | 17.736 | 17.722 | 17.762 | VV | 823    | 12306  | 0.07% | 0.002% |
| 263 | 17.787 | 17.762 | 17.808 | VV | 1141   | 21359  | 0.12% | 0.003% |
| 264 | 17.833 | 17.808 | 17.871 | VV | 6142   | 86626  | 0.50% | 0.011% |
| 265 | 17.924 | 17.871 | 17.970 | PV | 5614   | 102933 | 0.60% | 0.013% |
| 266 | 18.029 | 17.970 | 18.061 | VV | 1536   | 61365  | 0.36% | 0.008% |
| 267 | 18.094 | 18.061 | 18.131 | VV | 1914   | 53373  | 0.31% | 0.007% |
| 268 | 18.147 | 18.131 | 18.159 | VV | 1561   | 23761  | 0.14% | 0.003% |
| 269 | 18.252 | 18.159 | 18.296 | VV | 12812  | 433757 | 2.51% | 0.055% |
| 270 | 18.325 | 18.296 | 18.438 | VV | 16001  | 446363 | 2.59% | 0.057% |
| 271 | 18.461 | 18.438 | 18.475 | VV | 4114   | 56239  | 0.33% | 0.007% |
| 272 | 18.493 | 18.475 | 18.542 | VV | 4175   | 107438 | 0.62% | 0.014% |
| 273 | 18.579 | 18.542 | 18.625 | VV | 15110  | 309822 | 1.79% | 0.039% |
| 274 | 18.659 | 18.625 | 18.711 | VV | 7465   | 194981 | 1.13% | 0.025% |
| 275 | 18.762 | 18.711 | 18.788 | VV | 8343   | 197537 | 1.14% | 0.025% |
| 276 | 18.834 | 18.788 | 18.855 | VV | 3181   | 96382  | 0.56% | 0.012% |
| 277 | 18.878 | 18.855 | 18.894 | VV | 2882   | 55007  | 0.32% | 0.007% |
| 278 | 18.905 | 18.894 | 18.915 | VV | 2693   | 30487  | 0.18% | 0.004% |
| 279 | 18.935 | 18.915 | 18.959 | VV | 3519   | 79001  | 0.46% | 0.010% |
| 280 | 19.051 | 18.959 | 19.137 | VV | 14162  | 709921 | 4.11% | 0.090% |
| 281 | 19.172 | 19.137 | 19.190 | VV | 6363   | 166730 | 0.97% | 0.021% |
| 282 | 19.221 | 19.190 | 19.258 | VV | 5024   | 186202 | 1.08% | 0.024% |
| 283 | 19.269 | 19.258 | 19.288 | VV | 4482   | 77052  | 0.45% | 0.010% |
| 284 | 19.323 | 19.288 | 19.360 | VV | 5179   | 199509 | 1.16% | 0.025% |
| 285 | 19.376 | 19.360 | 19.399 | VV | 4213   | 87808  | 0.51% | 0.011% |
| 286 | 19.440 | 19.399 | 19.463 | VV | 6256   | 174246 | 1.01% | 0.022% |
| 287 | 19.487 | 19.463 | 19.505 | VV | 4815   | 111424 | 0.65% | 0.014% |
| 288 | 19.544 | 19.505 | 19.599 | VV | 7508   | 339756 | 1.97% | 0.043% |
| 289 | 19.617 | 19.599 | 19.637 | VV | 5522   | 119479 | 0.69% | 0.015% |
| 290 | 19.659 | 19.637 | 19.693 | VV | 6012   | 184049 | 1.07% | 0.023% |
| 291 | 19.749 | 19.693 | 19.783 | VV | 12908  | 480459 | 2.78% | 0.061% |
| 292 | 19.817 | 19.783 | 19.855 | VV | 18319  | 547263 | 3.17% | 0.069% |
| 293 | 19.869 | 19.855 | 19.908 | VV | 10437  | 296849 | 1.72% | 0.038% |
| 294 | 19.931 | 19.908 | 19.941 | VV | 8876   | 171402 | 0.99% | 0.022% |
| 295 | 19.991 | 19.941 | 20.011 | VV | 9151   | 367805 | 2.13% | 0.047% |
| 296 | 20.047 | 20.011 | 20.058 | VV | 10276  | 265547 | 1.54% | 0.034% |
| 297 | 20.080 | 20.058 | 20.106 | VV | 10836  | 287207 | 1.66% | 0.036% |
| 298 | 20.144 | 20.106 | 20.204 | VV | 16306  | 740408 | 4.29% | 0.094% |
| 299 | 20.219 | 20.204 | 20.238 | VV | 11169  | 220289 | 1.28% | 0.028% |

|     |        |        |        |     |                         |        |           |        |
|-----|--------|--------|--------|-----|-------------------------|--------|-----------|--------|
|     |        |        |        |     |                         | rteres |           |        |
| 300 | 20.280 | 20.238 | 20.307 | VV  | 13119                   | 500800 | 2.90%     | 0.064% |
| 301 | 20.352 | 20.307 | 20.421 | VV  | 15267                   | 880745 | 5.10%     | 0.112% |
| 302 | 20.440 | 20.421 | 20.449 | VV  | 12552                   | 201725 | 1.17%     | 0.026% |
| 303 | 20.455 | 20.449 | 20.481 | VV  | 12165                   | 231913 | 1.34%     | 0.029% |
| 304 | 20.528 | 20.481 | 20.553 | VV  | 13426                   | 544824 | 3.16%     | 0.069% |
| 305 | 20.560 | 20.553 | 20.598 | VV  | 12134                   | 319617 | 1.85%     | 0.041% |
| 306 | 20.610 | 20.598 | 20.635 | VV  | 11649                   | 247632 | 1.43%     | 0.031% |
| 307 | 20.658 | 20.635 | 20.766 | VV  | 11197                   | 792431 | 4.59%     | 0.101% |
| 308 | 20.798 | 20.766 | 20.841 | VV  | 9162                    | 400448 | 2.32%     | 0.051% |
| 309 | 20.873 | 20.841 | 20.903 | VV  | 8763                    | 317418 | 1.84%     | 0.040% |
| 310 | 20.925 | 20.903 | 20.998 | VV  | 8539                    | 415534 | 2.41%     | 0.053% |
| 311 | 21.008 | 20.998 | 21.059 | VV  | 6097                    | 210147 | 1.22%     | 0.027% |
| 312 | 21.095 | 21.059 | 21.125 | VV  | 5696                    | 218743 | 1.27%     | 0.028% |
| 313 | 21.149 | 21.125 | 21.165 | VV  | 5878                    | 135201 | 0.78%     | 0.017% |
| 314 | 21.171 | 21.165 | 21.179 | VV  | 5854                    | 49619  | 0.29%     | 0.006% |
| 315 | 21.195 | 21.179 | 21.220 | VV  | 5788                    | 137097 | 0.79%     | 0.017% |
| 316 | 21.232 | 21.220 | 21.315 | VV  | 5690                    | 279615 | 1.62%     | 0.035% |
| 317 | 21.365 | 21.315 | 21.421 | VV  | 4774                    | 264685 | 1.53%     | 0.034% |
| 318 | 21.474 | 21.421 | 21.491 | VV  | 4034                    | 156321 | 0.91%     | 0.020% |
| 319 | 21.504 | 21.491 | 21.585 | VV  | 3796                    | 157846 | 0.91%     | 0.020% |
| 320 | 21.596 | 21.585 | 21.612 | VV  | 2082                    | 31018  | 0.18%     | 0.004% |
| 321 | 21.631 | 21.612 | 21.663 | VV  | 1801                    | 48788  | 0.28%     | 0.006% |
| 322 | 21.688 | 21.663 | 21.701 | VV  | 1662                    | 34405  | 0.20%     | 0.004% |
| 323 | 21.712 | 21.701 | 21.720 | VV  | 1752                    | 18306  | 0.11%     | 0.002% |
| 324 | 21.730 | 21.720 | 21.808 | VV  | 1664                    | 61291  | 0.36%     | 0.008% |
| 325 | 21.818 | 21.808 | 21.826 | VV  | 669                     | 5370   | 0.03%     | 0.001% |
| 326 | 21.873 | 21.826 | 21.958 | VV  | 1347                    | 53944  | 0.31%     | 0.007% |
| 327 | 22.030 | 21.958 | 22.041 | PBA | 294                     | 48118  | 0.28%     | 0.006% |
|     |        |        |        |     | Sum of corrected areas: |        | 788465389 |        |

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