

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062422AL\  
Data File : FE036194.D  
Signal(s) : FID1B.ch  
Acq On : 24 Jun 2022 20:50  
Sample : N3431-23DL 50X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062022.M  
Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 1.660       | 1.640        | 1.680      | PV       | 1415           | 18702        | 2.81%          | 0.045%        |
| 2         | 1.689       | 1.680        | 1.705      | VV       | 2072           | 16949        | 2.55%          | 0.041%        |
| 3         | 1.747       | 1.705        | 1.759      | VV       | 6533           | 68665        | 10.33%         | 0.166%        |
| 4         | 1.764       | 1.759        | 1.788      | VV       | 2746           | 19927        | 3.00%          | 0.048%        |
| 5         | 1.818       | 1.810        | 1.835      | VV       | 1237           | 10889        | 1.64%          | 0.026%        |
| 6         | 1.849       | 1.835        | 1.862      | VV       | 2145           | 18046        | 2.72%          | 0.044%        |
| 7         | 1.884       | 1.862        | 1.900      | VV       | 2219           | 27114        | 4.08%          | 0.066%        |
| 8         | 1.937       | 1.914        | 1.960      | VV       | 4581           | 42098        | 6.33%          | 0.102%        |
| 9         | 2.012       | 1.983        | 2.047      | VV       | 3110           | 41892        | 6.30%          | 0.102%        |
| 10        | 2.096       | 2.080        | 2.122      | VV       | 787            | 10563        | 1.59%          | 0.026%        |
| 11        | 2.231       | 2.221        | 2.251      | VV       | 1037           | 11090        | 1.67%          | 0.027%        |
| 12        | 2.282       | 2.251        | 2.310      | VV       | 4054           | 49022        | 7.38%          | 0.119%        |
| 13        | 2.344       | 2.310        | 2.387      | VV       | 10995          | 190319       | 28.63%         | 0.461%        |
| 14        | 2.409       | 2.387        | 2.425      | VV       | 11689          | 117415       | 17.67%         | 0.285%        |
| 15        | 2.441       | 2.425        | 2.477      | VV       | 6961           | 93346        | 14.04%         | 0.226%        |
| 16        | 2.488       | 2.477        | 2.537      | VV       | 1894           | 32058        | 4.82%          | 0.078%        |
| 17        | 2.575       | 2.537        | 2.581      | PV       | 4097           | 48279        | 7.26%          | 0.117%        |
| 18        | 2.594       | 2.581        | 2.638      | VV       | 7145           | 84164        | 12.66%         | 0.204%        |
| 19        | 2.698       | 2.660        | 2.715      | VV       | 6644           | 72930        | 10.97%         | 0.177%        |
| 20        | 2.732       | 2.715        | 2.746      | VV       | 2956           | 35660        | 5.37%          | 0.086%        |
| 21        | 2.760       | 2.746        | 2.788      | VV       | 2634           | 35209        | 5.30%          | 0.085%        |
| 22        | 2.840       | 2.814        | 2.857      | VV       | 1886           | 24462        | 3.68%          | 0.059%        |
| 23        | 2.877       | 2.857        | 2.917      | VV       | 5865           | 88891        | 13.37%         | 0.215%        |
| 24        | 2.931       | 2.917        | 2.937      | VV       | 1471           | 15693        | 2.36%          | 0.038%        |
| 25        | 2.952       | 2.937        | 2.987      | VV       | 2798           | 44404        | 6.68%          | 0.108%        |
| 26        | 3.040       | 3.010        | 3.057      | VV       | 14072          | 199881       | 30.07%         | 0.484%        |
| 27        | 3.069       | 3.057        | 3.095      | VV       | 6808           | 79701        | 11.99%         | 0.193%        |
| 28        | 3.106       | 3.095        | 3.114      | VV       | 1231           | 11657        | 1.75%          | 0.028%        |
| 29        | 3.126       | 3.114        | 3.163      | VV       | 1791           | 26260        | 3.95%          | 0.064%        |
| 30        | 3.185       | 3.163        | 3.205      | VV       | 1381           | 18519        | 2.79%          | 0.045%        |
| 31        | 3.220       | 3.205        | 3.232      | VV       | 1987           | 22490        | 3.38%          | 0.054%        |
| 32        | 3.248       | 3.232        | 3.260      | VV       | 3820           | 43726        | 6.58%          | 0.106%        |
| 33        | 3.277       | 3.260        | 3.296      | VV       | 9990           | 114084       | 17.16%         | 0.276%        |
| 34        | 3.310       | 3.296        | 3.354      | VV       | 2208           | 37099        | 5.58%          | 0.090%        |
| 35        | 3.403       | 3.383        | 3.420      | VV       | 10082          | 110268       | 16.59%         | 0.267%        |
| 36        | 3.434       | 3.420        | 3.454      | VV       | 5982           | 67944        | 10.22%         | 0.165%        |

|    |       |       |       |    | rteres |        |        |        |
|----|-------|-------|-------|----|--------|--------|--------|--------|
| 37 | 3.475 | 3.454 | 3.488 | VV | 4199   | 59111  | 8.89%  | 0.143% |
| 38 | 3.505 | 3.488 | 3.524 | VV | 6971   | 88883  | 13.37% | 0.215% |
| 39 | 3.543 | 3.524 | 3.555 | VV | 2940   | 37805  | 5.69%  | 0.092% |
| 40 | 3.574 | 3.555 | 3.590 | VV | 19441  | 213335 | 32.10% | 0.517% |
| 41 | 3.596 | 3.590 | 3.616 | VV | 7561   | 75002  | 11.28% | 0.182% |
| 42 | 3.632 | 3.616 | 3.640 | VV | 4172   | 42195  | 6.35%  | 0.102% |
| 43 | 3.655 | 3.640 | 3.675 | VV | 6843   | 100291 | 15.09% | 0.243% |
| 44 | 3.681 | 3.675 | 3.688 | VV | 2960   | 22307  | 3.36%  | 0.054% |
| 45 | 3.708 | 3.688 | 3.752 | VV | 26827  | 386674 | 58.18% | 0.937% |
| 46 | 3.792 | 3.752 | 3.825 | VV | 20115  | 333088 | 50.11% | 0.807% |
| 47 | 3.842 | 3.825 | 3.877 | VV | 4158   | 85628  | 12.88% | 0.208% |
| 48 | 3.894 | 3.877 | 3.921 | VV | 11996  | 128284 | 19.30% | 0.311% |
| 49 | 3.958 | 3.921 | 3.971 | VV | 12050  | 179749 | 27.04% | 0.436% |
| 50 | 3.979 | 3.971 | 4.005 | VV | 8947   | 107827 | 16.22% | 0.261% |
| 51 | 4.032 | 4.005 | 4.042 | VV | 3901   | 49442  | 7.44%  | 0.120% |
| 52 | 4.055 | 4.042 | 4.067 | VV | 6745   | 74974  | 11.28% | 0.182% |
| 53 | 4.077 | 4.067 | 4.102 | VV | 5322   | 84127  | 12.66% | 0.204% |
| 54 | 4.123 | 4.102 | 4.144 | VV | 8370   | 144558 | 21.75% | 0.350% |
| 55 | 4.155 | 4.144 | 4.183 | VV | 6241   | 88300  | 13.29% | 0.214% |
| 56 | 4.203 | 4.183 | 4.213 | VV | 2467   | 31764  | 4.78%  | 0.077% |
| 57 | 4.228 | 4.213 | 4.239 | VV | 4330   | 51417  | 7.74%  | 0.125% |
| 58 | 4.255 | 4.239 | 4.269 | VV | 11002  | 126993 | 19.11% | 0.308% |
| 59 | 4.286 | 4.269 | 4.312 | VV | 14111  | 207565 | 31.23% | 0.503% |
| 60 | 4.325 | 4.312 | 4.341 | VV | 5640   | 78258  | 11.77% | 0.190% |
| 61 | 4.350 | 4.341 | 4.372 | VV | 3243   | 38356  | 5.77%  | 0.093% |
| 62 | 4.406 | 4.372 | 4.427 | VV | 7804   | 124411 | 18.72% | 0.301% |
| 63 | 4.454 | 4.427 | 4.480 | VV | 6531   | 130691 | 19.66% | 0.317% |
| 64 | 4.497 | 4.480 | 4.523 | VV | 4558   | 89995  | 13.54% | 0.218% |
| 65 | 4.530 | 4.523 | 4.537 | VV | 2407   | 19393  | 2.92%  | 0.047% |
| 66 | 4.546 | 4.537 | 4.562 | VV | 2717   | 30620  | 4.61%  | 0.074% |
| 67 | 4.583 | 4.562 | 4.611 | VV | 4781   | 81763  | 12.30% | 0.198% |
| 68 | 4.618 | 4.611 | 4.628 | VV | 1772   | 15968  | 2.40%  | 0.039% |
| 69 | 4.643 | 4.628 | 4.654 | VV | 2495   | 31473  | 4.74%  | 0.076% |
| 70 | 4.695 | 4.654 | 4.710 | VV | 7395   | 152039 | 22.88% | 0.368% |
| 71 | 4.724 | 4.710 | 4.752 | VV | 9479   | 171367 | 25.78% | 0.415% |
| 72 | 4.765 | 4.752 | 4.779 | VV | 6623   | 86551  | 13.02% | 0.210% |
| 73 | 4.798 | 4.779 | 4.812 | VV | 31150  | 338988 | 51.00% | 0.821% |
| 74 | 4.820 | 4.812 | 4.837 | VV | 16244  | 164116 | 24.69% | 0.398% |
| 75 | 4.857 | 4.837 | 4.865 | VV | 9519   | 125086 | 18.82% | 0.303% |
| 76 | 4.875 | 4.865 | 4.899 | VV | 10498  | 135049 | 20.32% | 0.327% |
| 77 | 4.930 | 4.899 | 4.940 | VV | 6925   | 135280 | 20.35% | 0.328% |
| 78 | 4.954 | 4.940 | 4.964 | VV | 9671   | 115557 | 17.39% | 0.280% |
| 79 | 4.976 | 4.964 | 5.002 | VV | 12027  | 170668 | 25.68% | 0.414% |
| 80 | 5.022 | 5.002 | 5.060 | VV | 12918  | 220053 | 33.11% | 0.533% |
| 81 | 5.093 | 5.060 | 5.110 | VV | 5353   | 109749 | 16.51% | 0.266% |
| 82 | 5.128 | 5.110 | 5.155 | VV | 8254   | 126761 | 19.07% | 0.307% |
| 83 | 5.191 | 5.155 | 5.209 | VV | 11268  | 170520 | 25.66% | 0.413% |
| 84 | 5.221 | 5.209 | 5.245 | VV | 5226   | 74429  | 11.20% | 0.180% |
| 85 | 5.291 | 5.245 | 5.305 | VV | 8222   | 156674 | 23.57% | 0.380% |
| 86 | 5.314 | 5.305 | 5.327 | VV | 5294   | 60746  | 9.14%  | 0.147% |
| 87 | 5.345 | 5.327 | 5.365 | VV | 4264   | 81294  | 12.23% | 0.197% |
| 88 | 5.384 | 5.365 | 5.390 | VV | 3485   | 39170  | 5.89%  | 0.095% |
| 89 | 5.397 | 5.390 | 5.409 | VV | 3623   | 36910  | 5.55%  | 0.089% |

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|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 90  | 5.430 | 5.409 | 5.443 | VV | 9799   | 133477 | 20.08% | 0.323% |
| 91  | 5.454 | 5.443 | 5.465 | VV | 7829   | 88664  | 13.34% | 0.215% |
| 92  | 5.491 | 5.465 | 5.508 | VV | 7625   | 155304 | 23.37% | 0.376% |
| 93  | 5.525 | 5.508 | 5.540 | VV | 6712   | 98352  | 14.80% | 0.238% |
| 94  | 5.553 | 5.540 | 5.579 | VV | 7084   | 128803 | 19.38% | 0.312% |
| 95  | 5.590 | 5.579 | 5.603 | VV | 4666   | 61094  | 9.19%  | 0.148% |
| 96  | 5.616 | 5.603 | 5.637 | VV | 5055   | 69693  | 10.49% | 0.169% |
| 97  | 5.660 | 5.637 | 5.681 | VV | 13674  | 180499 | 27.16% | 0.437% |
| 98  | 5.694 | 5.681 | 5.704 | VV | 3607   | 44507  | 6.70%  | 0.108% |
| 99  | 5.727 | 5.704 | 5.756 | VV | 4269   | 107994 | 16.25% | 0.262% |
| 100 | 5.779 | 5.756 | 5.791 | VV | 5011   | 84435  | 12.70% | 0.205% |
| 101 | 5.803 | 5.791 | 5.811 | VV | 4645   | 48784  | 7.34%  | 0.118% |
| 102 | 5.830 | 5.811 | 5.870 | VV | 13809  | 293713 | 44.19% | 0.712% |
| 103 | 5.883 | 5.870 | 5.894 | VV | 4324   | 56125  | 8.44%  | 0.136% |
| 104 | 5.915 | 5.894 | 5.933 | VV | 6654   | 105175 | 15.82% | 0.255% |
| 105 | 5.957 | 5.933 | 5.996 | VV | 19924  | 341362 | 51.36% | 0.827% |
| 106 | 6.016 | 5.996 | 6.046 | VV | 7906   | 144103 | 21.68% | 0.349% |
| 107 | 6.062 | 6.046 | 6.074 | VV | 5830   | 81035  | 12.19% | 0.196% |
| 108 | 6.082 | 6.074 | 6.105 | VV | 5870   | 71693  | 10.79% | 0.174% |
| 109 | 6.130 | 6.105 | 6.147 | VV | 7503   | 107689 | 16.20% | 0.261% |
| 110 | 6.157 | 6.147 | 6.163 | VV | 3733   | 33270  | 5.01%  | 0.081% |
| 111 | 6.181 | 6.163 | 6.200 | VV | 8666   | 127469 | 19.18% | 0.309% |
| 112 | 6.233 | 6.200 | 6.262 | VV | 11869  | 250495 | 37.69% | 0.607% |
| 113 | 6.273 | 6.262 | 6.295 | VV | 4462   | 77597  | 11.67% | 0.188% |
| 114 | 6.320 | 6.295 | 6.330 | VV | 4354   | 78643  | 11.83% | 0.191% |
| 115 | 6.342 | 6.330 | 6.354 | VV | 4755   | 62521  | 9.41%  | 0.152% |
| 116 | 6.367 | 6.354 | 6.387 | VV | 5538   | 89757  | 13.50% | 0.218% |
| 117 | 6.409 | 6.387 | 6.428 | VV | 5588   | 107202 | 16.13% | 0.260% |
| 118 | 6.450 | 6.428 | 6.455 | VV | 3766   | 54392  | 8.18%  | 0.132% |
| 119 | 6.477 | 6.455 | 6.492 | VV | 7332   | 126201 | 18.99% | 0.306% |
| 120 | 6.506 | 6.492 | 6.535 | VV | 7690   | 163268 | 24.56% | 0.396% |
| 121 | 6.553 | 6.535 | 6.580 | VV | 9817   | 193517 | 29.12% | 0.469% |
| 122 | 6.603 | 6.580 | 6.618 | VV | 6624   | 137810 | 20.73% | 0.334% |
| 123 | 6.629 | 6.618 | 6.679 | VV | 5959   | 170776 | 25.69% | 0.414% |
| 124 | 6.699 | 6.679 | 6.706 | VV | 5673   | 74803  | 11.25% | 0.181% |
| 125 | 6.713 | 6.706 | 6.729 | VV | 5580   | 64904  | 9.77%  | 0.157% |
| 126 | 6.742 | 6.729 | 6.757 | VV | 4796   | 69540  | 10.46% | 0.169% |
| 127 | 6.778 | 6.757 | 6.794 | VV | 5543   | 99881  | 15.03% | 0.242% |
| 128 | 6.806 | 6.794 | 6.815 | VV | 5939   | 65612  | 9.87%  | 0.159% |
| 129 | 6.835 | 6.815 | 6.856 | VV | 33962  | 432262 | 65.04% | 1.047% |
| 130 | 6.868 | 6.856 | 6.892 | VV | 11534  | 167832 | 25.25% | 0.407% |
| 131 | 6.907 | 6.892 | 6.924 | VV | 7151   | 106755 | 16.06% | 0.259% |
| 132 | 6.943 | 6.924 | 6.950 | VV | 5240   | 76387  | 11.49% | 0.185% |
| 133 | 6.969 | 6.950 | 6.982 | VV | 6694   | 111525 | 16.78% | 0.270% |
| 134 | 7.008 | 6.982 | 7.032 | VV | 14081  | 259277 | 39.01% | 0.628% |
| 135 | 7.045 | 7.032 | 7.060 | VV | 7287   | 97541  | 14.68% | 0.236% |
| 136 | 7.074 | 7.060 | 7.105 | VV | 7620   | 154254 | 23.21% | 0.374% |
| 137 | 7.111 | 7.105 | 7.117 | VV | 4005   | 27431  | 4.13%  | 0.066% |
| 138 | 7.150 | 7.117 | 7.167 | VV | 7195   | 171112 | 25.74% | 0.415% |
| 139 | 7.194 | 7.167 | 7.203 | VV | 11438  | 182961 | 27.53% | 0.443% |
| 140 | 7.212 | 7.203 | 7.234 | VV | 11332  | 152002 | 22.87% | 0.368% |
| 141 | 7.254 | 7.234 | 7.279 | VV | 11650  | 196666 | 29.59% | 0.477% |

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|-----|-------|-------|-------|----|--------|--------|--------|--------|
| 142 | 7.302 | 7.279 | 7.323 | VV | 8017   | 164918 | 24.81% | 0.400% |
| 143 | 7.333 | 7.323 | 7.341 | VV | 5546   | 58614  | 8.82%  | 0.142% |
| 144 | 7.357 | 7.341 | 7.375 | VV | 7366   | 115721 | 17.41% | 0.280% |
| 145 | 7.401 | 7.375 | 7.435 | VV | 27909  | 440357 | 66.25% | 1.067% |
| 146 | 7.455 | 7.435 | 7.475 | VV | 7343   | 139035 | 20.92% | 0.337% |
| 147 | 7.500 | 7.475 | 7.519 | VV | 11968  | 199261 | 29.98% | 0.483% |
| 148 | 7.546 | 7.519 | 7.559 | VV | 6964   | 151318 | 22.77% | 0.367% |
| 149 | 7.585 | 7.559 | 7.619 | VV | 7466   | 222776 | 33.52% | 0.540% |
| 150 | 7.631 | 7.619 | 7.650 | VV | 5289   | 85948  | 12.93% | 0.208% |
| 151 | 7.674 | 7.650 | 7.699 | VV | 6246   | 149163 | 22.44% | 0.361% |
| 152 | 7.718 | 7.699 | 7.723 | VV | 6356   | 77846  | 11.71% | 0.189% |
| 153 | 7.750 | 7.723 | 7.775 | VV | 8402   | 220186 | 33.13% | 0.534% |
| 154 | 7.801 | 7.775 | 7.830 | VV | 15577  | 299770 | 45.10% | 0.726% |
| 155 | 7.844 | 7.830 | 7.868 | VV | 5161   | 100288 | 15.09% | 0.243% |
| 156 | 7.889 | 7.868 | 7.900 | VV | 6063   | 95001  | 14.29% | 0.230% |
| 157 | 7.912 | 7.900 | 7.927 | VV | 6568   | 96437  | 14.51% | 0.234% |
| 158 | 7.967 | 7.927 | 7.982 | VV | 12887  | 257352 | 38.72% | 0.624% |
| 159 | 7.996 | 7.982 | 8.036 | VV | 7970   | 186280 | 28.03% | 0.451% |
| 160 | 8.057 | 8.036 | 8.070 | VV | 7684   | 119916 | 18.04% | 0.291% |
| 161 | 8.087 | 8.070 | 8.098 | VV | 8798   | 122978 | 18.50% | 0.298% |
| 162 | 8.111 | 8.098 | 8.132 | VV | 8606   | 137628 | 20.71% | 0.334% |
| 163 | 8.155 | 8.132 | 8.174 | VV | 9378   | 170097 | 25.59% | 0.412% |
| 164 | 8.186 | 8.174 | 8.191 | VV | 6070   | 60819  | 9.15%  | 0.147% |
| 165 | 8.207 | 8.191 | 8.221 | VV | 6553   | 108082 | 16.26% | 0.262% |
| 166 | 8.237 | 8.221 | 8.244 | VV | 6436   | 84995  | 12.79% | 0.206% |
| 167 | 8.254 | 8.244 | 8.278 | VV | 6898   | 118591 | 17.84% | 0.287% |
| 168 | 8.294 | 8.278 | 8.305 | VV | 6159   | 86061  | 12.95% | 0.209% |
| 169 | 8.326 | 8.305 | 8.351 | VV | 29220  | 384389 | 57.83% | 0.931% |
| 170 | 8.373 | 8.351 | 8.395 | VV | 8308   | 174967 | 26.32% | 0.424% |
| 171 | 8.415 | 8.395 | 8.435 | VV | 9601   | 166843 | 25.10% | 0.404% |
| 172 | 8.466 | 8.435 | 8.492 | VV | 7859   | 242489 | 36.48% | 0.588% |
| 173 | 8.502 | 8.492 | 8.519 | VV | 7356   | 107656 | 16.20% | 0.261% |
| 174 | 8.530 | 8.519 | 8.537 | VV | 5816   | 62875  | 9.46%  | 0.152% |
| 175 | 8.556 | 8.537 | 8.577 | VV | 11075  | 186310 | 28.03% | 0.451% |
| 176 | 8.602 | 8.577 | 8.617 | VV | 7495   | 151060 | 22.73% | 0.366% |
| 177 | 8.626 | 8.617 | 8.638 | VV | 6577   | 80153  | 12.06% | 0.194% |
| 178 | 8.658 | 8.638 | 8.677 | VV | 9469   | 172273 | 25.92% | 0.417% |
| 179 | 8.694 | 8.677 | 8.737 | VV | 6687   | 220047 | 33.11% | 0.533% |
| 180 | 8.753 | 8.737 | 8.770 | VV | 6055   | 112440 | 16.92% | 0.272% |
| 181 | 8.799 | 8.770 | 8.824 | VV | 6944   | 200236 | 30.13% | 0.485% |
| 182 | 8.838 | 8.824 | 8.846 | VV | 5987   | 74529  | 11.21% | 0.181% |
| 183 | 8.864 | 8.846 | 8.915 | VV | 11964  | 340743 | 51.27% | 0.826% |
| 184 | 8.929 | 8.915 | 8.942 | VV | 6638   | 97632  | 14.69% | 0.237% |
| 185 | 8.961 | 8.942 | 8.984 | VV | 9654   | 181426 | 27.30% | 0.440% |
| 186 | 9.003 | 8.984 | 9.012 | VV | 7112   | 105183 | 15.83% | 0.255% |
| 187 | 9.047 | 9.012 | 9.073 | VV | 30096  | 506782 | 76.25% | 1.228% |
| 188 | 9.086 | 9.073 | 9.105 | VV | 6261   | 109546 | 16.48% | 0.265% |
| 189 | 9.123 | 9.105 | 9.145 | VV | 7426   | 137320 | 20.66% | 0.333% |
| 190 | 9.170 | 9.145 | 9.178 | VV | 6520   | 107772 | 16.21% | 0.261% |
| 191 | 9.193 | 9.178 | 9.211 | VV | 8502   | 142432 | 21.43% | 0.345% |
| 192 | 9.225 | 9.211 | 9.247 | VV | 6293   | 123946 | 18.65% | 0.300% |
| 193 | 9.271 | 9.247 | 9.290 | VV | 9625   | 206382 | 31.05% | 0.500% |
| 194 | 9.305 | 9.290 | 9.349 | VV | 7571   | 251281 | 37.81% | 0.609% |

|     |        |        |        |    | rteres |        |         |        |
|-----|--------|--------|--------|----|--------|--------|---------|--------|
| 195 | 9.358  | 9.349  | 9.385  | VV | 7294   | 140060 | 21.07%  | 0.339% |
| 196 | 9.417  | 9.385  | 9.439  | VV | 8711   | 210346 | 31.65%  | 0.510% |
| 197 | 9.458  | 9.439  | 9.502  | VV | 6580   | 206383 | 31.05%  | 0.500% |
| 198 | 9.535  | 9.502  | 9.549  | VV | 6020   | 141354 | 21.27%  | 0.343% |
| 199 | 9.570  | 9.549  | 9.583  | VV | 6713   | 124362 | 18.71%  | 0.301% |
| 200 | 9.593  | 9.583  | 9.605  | VV | 5996   | 76870  | 11.57%  | 0.186% |
| 201 | 9.633  | 9.605  | 9.675  | VV | 6733   | 233185 | 35.08%  | 0.565% |
| 202 | 9.704  | 9.675  | 9.753  | VV | 13953  | 362059 | 54.47%  | 0.877% |
| 203 | 9.786  | 9.753  | 9.809  | VV | 10089  | 240296 | 36.15%  | 0.582% |
| 204 | 9.829  | 9.809  | 9.834  | VV | 5690   | 79351  | 11.94%  | 0.192% |
| 205 | 9.870  | 9.834  | 9.916  | VV | 9567   | 309749 | 46.60%  | 0.751% |
| 206 | 9.949  | 9.916  | 9.984  | VV | 5042   | 184856 | 27.81%  | 0.448% |
| 207 | 9.997  | 9.984  | 10.003 | VV | 4580   | 50743  | 7.63%   | 0.123% |
| 208 | 10.025 | 10.003 | 10.042 | VV | 6186   | 125836 | 18.93%  | 0.305% |
| 209 | 10.068 | 10.042 | 10.099 | VV | 11340  | 278886 | 41.96%  | 0.676% |
| 210 | 10.113 | 10.099 | 10.129 | VV | 7375   | 114107 | 17.17%  | 0.277% |
| 211 | 10.145 | 10.129 | 10.157 | VV | 6348   | 99921  | 15.03%  | 0.242% |
| 212 | 10.175 | 10.157 | 10.185 | VV | 7629   | 113229 | 17.04%  | 0.274% |
| 213 | 10.190 | 10.185 | 10.205 | VV | 7291   | 86751  | 13.05%  | 0.210% |
| 214 | 10.215 | 10.205 | 10.258 | VV | 7195   | 184702 | 27.79%  | 0.448% |
| 215 | 10.283 | 10.258 | 10.304 | VV | 5769   | 139786 | 21.03%  | 0.339% |
| 216 | 10.324 | 10.304 | 10.335 | VV | 6303   | 108773 | 16.37%  | 0.264% |
| 217 | 10.348 | 10.335 | 10.369 | VV | 6251   | 113806 | 17.12%  | 0.276% |
| 218 | 10.388 | 10.369 | 10.417 | VV | 6724   | 162762 | 24.49%  | 0.394% |
| 219 | 10.429 | 10.417 | 10.441 | VV | 5009   | 69628  | 10.48%  | 0.169% |
| 220 | 10.461 | 10.441 | 10.472 | VV | 6505   | 106591 | 16.04%  | 0.258% |
| 221 | 10.500 | 10.472 | 10.529 | VV | 30878  | 531336 | 79.94%  | 1.288% |
| 222 | 10.556 | 10.529 | 10.567 | VV | 6096   | 133567 | 20.10%  | 0.324% |
| 223 | 10.574 | 10.567 | 10.593 | VV | 6036   | 93042  | 14.00%  | 0.225% |
| 224 | 10.605 | 10.593 | 10.628 | VV | 6045   | 116955 | 17.60%  | 0.283% |
| 225 | 10.647 | 10.628 | 10.672 | VV | 7614   | 156602 | 23.56%  | 0.379% |
| 226 | 10.694 | 10.672 | 10.727 | VV | 5073   | 155668 | 23.42%  | 0.377% |
| 227 | 10.749 | 10.727 | 10.757 | VV | 5466   | 94116  | 14.16%  | 0.228% |
| 228 | 10.782 | 10.757 | 10.807 | VV | 7685   | 188637 | 28.38%  | 0.457% |
| 229 | 10.830 | 10.807 | 10.839 | VV | 7716   | 127880 | 19.24%  | 0.310% |
| 230 | 10.850 | 10.839 | 10.867 | VV | 8043   | 121492 | 18.28%  | 0.294% |
| 231 | 10.873 | 10.867 | 10.890 | VV | 6614   | 87961  | 13.23%  | 0.213% |
| 232 | 10.922 | 10.890 | 10.955 | VV | 36428  | 664651 | 100.00% | 1.611% |
| 233 | 10.965 | 10.955 | 11.000 | VV | 7566   | 171696 | 25.83%  | 0.416% |
| 234 | 11.035 | 11.000 | 11.058 | VV | 6294   | 194709 | 29.29%  | 0.472% |
| 235 | 11.064 | 11.058 | 11.069 | VV | 5873   | 37623  | 5.66%   | 0.091% |
| 236 | 11.074 | 11.069 | 11.089 | VV | 5793   | 66887  | 10.06%  | 0.162% |
| 237 | 11.118 | 11.089 | 11.157 | VV | 6640   | 238171 | 35.83%  | 0.577% |
| 238 | 11.187 | 11.157 | 11.210 | VV | 7002   | 195853 | 29.47%  | 0.475% |
| 239 | 11.243 | 11.210 | 11.285 | VV | 12057  | 319003 | 48.00%  | 0.773% |
| 240 | 11.328 | 11.285 | 11.350 | VV | 5682   | 193856 | 29.17%  | 0.470% |
| 241 | 11.377 | 11.350 | 11.399 | VV | 5577   | 151570 | 22.80%  | 0.367% |
| 242 | 11.407 | 11.399 | 11.434 | VV | 5602   | 111687 | 16.80%  | 0.271% |
| 243 | 11.439 | 11.434 | 11.444 | VV | 5066   | 28914  | 4.35%   | 0.070% |
| 244 | 11.500 | 11.444 | 11.511 | VV | 6080   | 224632 | 33.80%  | 0.544% |
| 245 | 11.518 | 11.511 | 11.524 | VV | 5672   | 43038  | 6.48%   | 0.104% |
| 246 | 11.549 | 11.524 | 11.566 | VV | 7869   | 165289 | 24.87%  | 0.401% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 11.575 | 11.566 | 11.596 | VV | 6481   | 106477 | 16.02% | 0.258% |
| 248 | 11.601 | 11.596 | 11.613 | VV | 5753   | 57478  | 8.65%  | 0.139% |
| 249 | 11.645 | 11.613 | 11.684 | VV | 25250  | 507841 | 76.41% | 1.231% |
| 250 | 11.707 | 11.684 | 11.735 | VV | 6288   | 165630 | 24.92% | 0.401% |
|     |        |        |        |    |        |        |        |        |
| 251 | 11.749 | 11.735 | 11.779 | VV | 5469   | 124589 | 18.74% | 0.302% |
| 252 | 11.824 | 11.779 | 11.846 | VV | 6545   | 231213 | 34.79% | 0.560% |
| 253 | 11.861 | 11.846 | 11.892 | VV | 6193   | 147199 | 22.15% | 0.357% |
| 254 | 11.918 | 11.892 | 11.931 | VV | 5869   | 119497 | 17.98% | 0.290% |
| 255 | 11.951 | 11.931 | 11.974 | VV | 6859   | 136980 | 20.61% | 0.332% |
|     |        |        |        |    |        |        |        |        |
| 256 | 11.998 | 11.974 | 12.025 | VV | 4911   | 137269 | 20.65% | 0.333% |
| 257 | 12.062 | 12.025 | 12.090 | VV | 5155   | 182475 | 27.45% | 0.442% |
| 258 | 12.108 | 12.090 | 12.143 | VV | 5867   | 161216 | 24.26% | 0.391% |
| 259 | 12.153 | 12.143 | 12.172 | VV | 5170   | 88090  | 13.25% | 0.213% |
| 260 | 12.201 | 12.172 | 12.225 | VV | 11236  | 240468 | 36.18% | 0.583% |
|     |        |        |        |    |        |        |        |        |
| 261 | 12.234 | 12.225 | 12.250 | VV | 5886   | 82999  | 12.49% | 0.201% |
| 262 | 12.260 | 12.250 | 12.275 | VV | 5214   | 75264  | 11.32% | 0.182% |
| 263 | 12.292 | 12.275 | 12.310 | VV | 5142   | 99804  | 15.02% | 0.242% |
| 264 | 12.326 | 12.310 | 12.340 | VV | 5737   | 97480  | 14.67% | 0.236% |
| 265 | 12.350 | 12.340 | 12.394 | VV | 5833   | 158972 | 23.92% | 0.385% |
|     |        |        |        |    |        |        |        |        |
| 266 | 12.417 | 12.394 | 12.432 | VV | 4909   | 102395 | 15.41% | 0.248% |
| 267 | 12.450 | 12.432 | 12.466 | VV | 4770   | 92206  | 13.87% | 0.223% |
| 268 | 12.473 | 12.466 | 12.477 | VV | 4070   | 26181  | 3.94%  | 0.063% |
| 269 | 12.499 | 12.477 | 12.504 | VV | 4524   | 70358  | 10.59% | 0.170% |
| 270 | 12.519 | 12.504 | 12.555 | VV | 4771   | 127676 | 19.21% | 0.309% |
|     |        |        |        |    |        |        |        |        |
| 271 | 12.582 | 12.555 | 12.615 | VV | 4385   | 142476 | 21.44% | 0.345% |
| 272 | 12.634 | 12.615 | 12.646 | VV | 4272   | 73383  | 11.04% | 0.178% |
| 273 | 12.651 | 12.646 | 12.670 | VV | 4061   | 57082  | 8.59%  | 0.138% |
| 274 | 12.679 | 12.670 | 12.700 | VV | 3863   | 67892  | 10.21% | 0.165% |
| 275 | 12.727 | 12.700 | 12.761 | VV | 4484   | 149065 | 22.43% | 0.361% |
|     |        |        |        |    |        |        |        |        |
| 276 | 12.784 | 12.761 | 12.807 | VV | 5867   | 133292 | 20.05% | 0.323% |
| 277 | 12.816 | 12.807 | 12.837 | VV | 4355   | 75025  | 11.29% | 0.182% |
| 278 | 12.863 | 12.837 | 12.886 | VV | 5591   | 135599 | 20.40% | 0.329% |
| 279 | 12.890 | 12.886 | 12.909 | VV | 4290   | 54701  | 8.23%  | 0.133% |
| 280 | 12.923 | 12.909 | 12.948 | VV | 4221   | 90407  | 13.60% | 0.219% |
|     |        |        |        |    |        |        |        |        |
| 281 | 12.974 | 12.948 | 12.992 | VV | 4046   | 101507 | 15.27% | 0.246% |
| 282 | 13.006 | 12.992 | 13.057 | VV | 4810   | 148714 | 22.37% | 0.360% |
| 283 | 13.076 | 13.057 | 13.099 | VV | 3713   | 83331  | 12.54% | 0.202% |
| 284 | 13.115 | 13.099 | 13.121 | VV | 3484   | 43259  | 6.51%  | 0.105% |
| 285 | 13.126 | 13.121 | 13.130 | VV | 3305   | 17071  | 2.57%  | 0.041% |
|     |        |        |        |    |        |        |        |        |
| 286 | 13.144 | 13.130 | 13.170 | VV | 3636   | 79349  | 11.94% | 0.192% |
| 287 | 13.179 | 13.170 | 13.185 | VV | 3312   | 27984  | 4.21%  | 0.068% |
| 288 | 13.191 | 13.185 | 13.203 | VV | 3288   | 33476  | 5.04%  | 0.081% |
| 289 | 13.208 | 13.203 | 13.211 | VV | 3148   | 15227  | 2.29%  | 0.037% |
| 290 | 13.219 | 13.211 | 13.242 | VV | 3362   | 56890  | 8.56%  | 0.138% |
|     |        |        |        |    |        |        |        |        |
| 291 | 13.247 | 13.242 | 13.261 | VV | 2806   | 31863  | 4.79%  | 0.077% |
| 292 | 13.303 | 13.261 | 13.332 | VV | 11424  | 238687 | 35.91% | 0.578% |
| 293 | 13.359 | 13.332 | 13.387 | VV | 5923   | 145971 | 21.96% | 0.354% |
| 294 | 13.407 | 13.387 | 13.429 | VV | 3496   | 82493  | 12.41% | 0.200% |
| 295 | 13.439 | 13.429 | 13.460 | VV | 3023   | 53106  | 7.99%  | 0.129% |
|     |        |        |        |    |        |        |        |        |
| 296 | 13.480 | 13.460 | 13.494 | VV | 3064   | 59492  | 8.95%  | 0.144% |
| 297 | 13.499 | 13.494 | 13.506 | VV | 3000   | 20303  | 3.05%  | 0.049% |
| 298 | 13.510 | 13.506 | 13.550 | VV | 3008   | 75681  | 11.39% | 0.183% |
| 299 | 13.572 | 13.550 | 13.592 | VV | 3080   | 69880  | 10.51% | 0.169% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 300 | 13.597 | 13.592 | 13.617 | VV | 2693   | 39332  | 5.92%  | 0.095% |
| 301 | 13.640 | 13.617 | 13.666 | VV | 3077   | 75028  | 11.29% | 0.182% |
| 302 | 13.694 | 13.666 | 13.727 | VV | 3760   | 108611 | 16.34% | 0.263% |
| 303 | 13.747 | 13.727 | 13.769 | VV | 2819   | 62735  | 9.44%  | 0.152% |
| 304 | 13.787 | 13.769 | 13.804 | VV | 2619   | 52907  | 7.96%  | 0.128% |
| 305 | 13.808 | 13.804 | 13.814 | VV | 2364   | 13454  | 2.02%  | 0.033% |
| 306 | 13.818 | 13.814 | 13.835 | VV | 2244   | 26738  | 4.02%  | 0.065% |
| 307 | 13.846 | 13.835 | 13.867 | VV | 2210   | 40649  | 6.12%  | 0.099% |
| 308 | 13.894 | 13.867 | 13.899 | VV | 2684   | 45493  | 6.84%  | 0.110% |
| 309 | 13.906 | 13.899 | 13.940 | VV | 2823   | 63586  | 9.57%  | 0.154% |
| 310 | 13.969 | 13.940 | 14.007 | VV | 2999   | 98142  | 14.77% | 0.238% |
| 311 | 14.049 | 14.007 | 14.084 | VV | 2429   | 93274  | 14.03% | 0.226% |
| 312 | 14.108 | 14.084 | 14.127 | VV | 2212   | 51531  | 7.75%  | 0.125% |
| 313 | 14.143 | 14.127 | 14.174 | VV | 2372   | 54494  | 8.20%  | 0.132% |
| 314 | 14.181 | 14.174 | 14.189 | VV | 1988   | 16724  | 2.52%  | 0.041% |
| 315 | 14.195 | 14.189 | 14.201 | VV | 1976   | 13928  | 2.10%  | 0.034% |
| 316 | 14.205 | 14.201 | 14.226 | VV | 1987   | 26679  | 4.01%  | 0.065% |
| 317 | 14.239 | 14.226 | 14.251 | VV | 1784   | 24892  | 3.75%  | 0.060% |
| 318 | 14.293 | 14.251 | 14.337 | VV | 2787   | 106184 | 15.98% | 0.257% |
| 319 | 14.352 | 14.337 | 14.375 | VV | 1997   | 41519  | 6.25%  | 0.101% |
| 320 | 14.379 | 14.375 | 14.398 | VV | 1706   | 21396  | 3.22%  | 0.052% |
| 321 | 14.445 | 14.398 | 14.452 | VV | 1871   | 51305  | 7.72%  | 0.124% |
| 322 | 14.463 | 14.452 | 14.487 | VV | 1874   | 34678  | 5.22%  | 0.084% |
| 323 | 14.494 | 14.487 | 14.514 | VV | 1530   | 23014  | 3.46%  | 0.056% |
| 324 | 14.534 | 14.514 | 14.549 | VV | 1825   | 33819  | 5.09%  | 0.082% |
| 325 | 14.554 | 14.549 | 14.607 | VV | 1589   | 45488  | 6.84%  | 0.110% |
| 326 | 14.617 | 14.607 | 14.624 | VV | 1442   | 13342  | 2.01%  | 0.032% |
| 327 | 14.630 | 14.624 | 14.647 | VV | 1401   | 17064  | 2.57%  | 0.041% |
| 328 | 14.686 | 14.647 | 14.709 | VV | 1739   | 52443  | 7.89%  | 0.127% |
| 329 | 14.714 | 14.709 | 14.723 | VV | 1432   | 11496  | 1.73%  | 0.028% |
| 330 | 14.747 | 14.723 | 14.779 | VV | 1885   | 50886  | 7.66%  | 0.123% |
| 331 | 14.785 | 14.779 | 14.800 | VV | 1278   | 14381  | 2.16%  | 0.035% |
| 332 | 14.859 | 14.836 | 14.881 | VV | 1285   | 30135  | 4.53%  | 0.073% |
| 333 | 14.906 | 14.881 | 14.957 | VV | 1370   | 48461  | 7.29%  | 0.117% |
| 334 | 15.003 | 14.957 | 15.023 | VV | 1253   | 37712  | 5.67%  | 0.091% |
| 335 | 15.074 | 15.023 | 15.105 | VV | 1127   | 43263  | 6.51%  | 0.105% |
| 336 | 15.157 | 15.135 | 15.184 | VV | 992    | 24737  | 3.72%  | 0.060% |
| 337 | 15.216 | 15.184 | 15.264 | VV | 1052   | 40486  | 6.09%  | 0.098% |
| 338 | 15.309 | 15.272 | 15.337 | VV | 981    | 27056  | 4.07%  | 0.066% |
| 339 | 15.359 | 15.337 | 15.365 | VV | 850    | 10285  | 1.55%  | 0.025% |
| 340 | 15.413 | 15.379 | 15.428 | VV | 1012   | 22766  | 3.43%  | 0.055% |
| 341 | 15.444 | 15.437 | 15.479 | VV | 865    | 18161  | 2.73%  | 0.044% |
| 342 | 15.497 | 15.479 | 15.505 | VV | 752    | 11062  | 1.66%  | 0.027% |
| 343 | 15.615 | 15.610 | 15.640 | VV | 752    | 10513  | 1.58%  | 0.025% |
| 344 | 15.688 | 15.664 | 15.692 | VV | 897    | 12917  | 1.94%  | 0.031% |
| 345 | 15.706 | 15.692 | 15.720 | VV | 1100   | 16811  | 2.53%  | 0.041% |
| 346 | 15.723 | 15.720 | 15.747 | VV | 1071   | 13674  | 2.06%  | 0.033% |
| 347 | 15.938 | 15.917 | 15.965 | VV | 553    | 11742  | 1.77%  | 0.028% |
| 348 | 15.994 | 15.965 | 16.027 | VV | 851    | 21704  | 3.27%  | 0.053% |
| 349 | 16.184 | 16.160 | 16.205 | VV | 605    | 11104  | 1.67%  | 0.027% |
| 350 | 16.212 | 16.205 | 16.255 | VV | 625    | 10848  | 1.63%  | 0.026% |
| 351 | 16.430 | 16.395 | 16.452 | VV | 508    | 12996  | 1.96%  | 0.031% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 352 | 16.499 | 16.464 | 16.517 | VV | 698    | 18484  | 2.78%  | 0.045% |
| 353 | 16.554 | 16.551 | 16.590 | VV | 618    | 11568  | 1.74%  | 0.028% |
| 354 | 16.625 | 16.610 | 16.642 | VV | 671    | 10449  | 1.57%  | 0.025% |
| 355 | 16.665 | 16.642 | 16.682 | VV | 867    | 16955  | 2.55%  | 0.041% |
| 356 | 16.704 | 16.682 | 16.734 | VV | 625    | 17148  | 2.58%  | 0.042% |
| 357 | 16.761 | 16.754 | 16.802 | VV | 519    | 13708  | 2.06%  | 0.033% |
| 358 | 16.822 | 16.802 | 16.858 | VV | 647    | 18033  | 2.71%  | 0.044% |
| 359 | 16.895 | 16.858 | 16.957 | VV | 800    | 36663  | 5.52%  | 0.089% |
| 360 | 16.996 | 16.957 | 17.055 | VV | 784    | 37425  | 5.63%  | 0.091% |
| 361 | 17.131 | 17.055 | 17.238 | VV | 1506   | 88128  | 13.26% | 0.214% |
| 362 | 17.257 | 17.238 | 17.334 | VV | 628    | 28490  | 4.29%  | 0.069% |
| 363 | 17.348 | 17.334 | 17.425 | VV | 479    | 13632  | 2.05%  | 0.033% |
| 364 | 17.581 | 17.479 | 17.615 | PV | 1678   | 42518  | 6.40%  | 0.103% |
| 365 | 17.811 | 17.615 | 17.850 | VV | 1490   | 161854 | 24.35% | 0.392% |
| 366 | 17.865 | 17.850 | 17.905 | VV | 1318   | 40564  | 6.10%  | 0.098% |
| 367 | 17.911 | 17.905 | 17.972 | VV | 1150   | 39117  | 5.89%  | 0.095% |
| 368 | 18.015 | 17.989 | 18.117 | VV | 2723   | 54803  | 8.25%  | 0.133% |
| 369 | 18.306 | 18.117 | 18.318 | PV | 805    | 44740  | 6.73%  | 0.108% |
| 370 | 18.438 | 18.318 | 18.469 | VV | 3826   | 139199 | 20.94% | 0.337% |
| 371 | 18.626 | 18.469 | 18.779 | VV | 2393   | 312638 | 47.04% | 0.758% |
| 372 | 18.847 | 18.812 | 18.879 | PV | 2678   | 39292  | 5.91%  | 0.095% |
| 373 | 19.246 | 18.879 | 19.327 | PV | 4558   | 476282 | 71.66% | 1.154% |
| 374 | 19.340 | 19.327 | 19.352 | VV | 1600   | 23578  | 3.55%  | 0.057% |
| 375 | 19.394 | 19.352 | 19.407 | VV | 1821   | 54151  | 8.15%  | 0.131% |

Sum of corrected areas: 41266234

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