

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG072023AL\  
 Data File : FG012491.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Jul 2023 08:11  
 Sample : 03659-03DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 071423.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         | 2.698       | 2.601        | 2.719      | BV       | 1560           | 13355        | 0.10%          | 0.022%        |
| 2         | 2.730       | 2.719        | 2.746      | VV       | 348            | 3263         | 0.02%          | 0.005%        |
| 3         | 2.757       | 2.746        | 2.812      | VV       | 166            | 2712         | 0.02%          | 0.004%        |
| 4         | 2.822       | 2.812        | 2.829      | PV       | 88             | 513          | 0.00%          | 0.001%        |
| 5         | 2.865       | 2.829        | 2.908      | VV       | 326            | 5437         | 0.04%          | 0.009%        |
| 6         | 2.920       | 2.908        | 2.951      | VV       | 122            | 1406         | 0.01%          | 0.002%        |
| 7         | 2.962       | 2.951        | 2.971      | PV       | 74             | 819          | 0.01%          | 0.001%        |
| 8         | 2.988       | 2.971        | 3.005      | VV       | 224            | 2978         | 0.02%          | 0.005%        |
| 9         | 3.017       | 3.005        | 3.046      | VV       | 168            | 2664         | 0.02%          | 0.004%        |
| 10        | 3.085       | 3.046        | 3.133      | PV       | 3247           | 40516        | 0.29%          | 0.066%        |
| 11        | 3.143       | 3.133        | 3.161      | VV       | 256            | 3542         | 0.03%          | 0.006%        |
| 12        | 3.178       | 3.161        | 3.234      | VV       | 2367           | 34125        | 0.25%          | 0.055%        |
| 13        | 3.279       | 3.234        | 3.328      | VV       | 563            | 17228        | 0.12%          | 0.028%        |
| 14        | 3.370       | 3.328        | 3.405      | VV       | 507            | 16021        | 0.12%          | 0.026%        |
| 15        | 3.445       | 3.405        | 3.476      | VV       | 555            | 11883        | 0.09%          | 0.019%        |
| 16        | 3.488       | 3.476        | 3.498      | VV       | 179            | 1630         | 0.01%          | 0.003%        |
| 17        | 3.524       | 3.498        | 3.544      | VV       | 1435           | 17481        | 0.13%          | 0.028%        |
| 18        | 3.557       | 3.544        | 3.599      | VV       | 623            | 11458        | 0.08%          | 0.019%        |
| 19        | 3.607       | 3.599        | 3.631      | VV       | 232            | 2859         | 0.02%          | 0.005%        |
| 20        | 3.663       | 3.631        | 3.688      | VV       | 269            | 5217         | 0.04%          | 0.008%        |
| 21        | 3.702       | 3.688        | 3.717      | VV       | 531            | 5418         | 0.04%          | 0.009%        |
| 22        | 3.738       | 3.717        | 3.773      | VV       | 2518           | 26783        | 0.19%          | 0.044%        |
| 23        | 3.790       | 3.773        | 3.803      | VV       | 810            | 7925         | 0.06%          | 0.013%        |
| 24        | 3.814       | 3.803        | 3.835      | VV       | 466            | 6519         | 0.05%          | 0.011%        |
| 25        | 3.846       | 3.835        | 3.871      | VV       | 339            | 3520         | 0.03%          | 0.006%        |
| 26        | 3.897       | 3.871        | 3.920      | PV       | 606            | 8775         | 0.06%          | 0.014%        |
| 27        | 3.936       | 3.920        | 3.967      | VV       | 663            | 10576        | 0.08%          | 0.017%        |
| 28        | 3.984       | 3.967        | 4.001      | VV       | 1206           | 12096        | 0.09%          | 0.020%        |
| 29        | 4.017       | 4.001        | 4.029      | VV       | 779            | 8046         | 0.06%          | 0.013%        |
| 30        | 4.035       | 4.029        | 4.047      | VV       | 534            | 4768         | 0.03%          | 0.008%        |
| 31        | 4.062       | 4.047        | 4.075      | VV       | 867            | 9805         | 0.07%          | 0.016%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 4.113 | 4.075 | 4.126 | VV | 1207   | 21005  | 0.15% | 0.034% |
| 33 | 4.142 | 4.126 | 4.168 | VV | 1107   | 20024  | 0.14% | 0.033% |
| 34 | 4.205 | 4.168 | 4.225 | VV | 1754   | 32886  | 0.24% | 0.053% |
| 35 | 4.259 | 4.225 | 4.305 | VV | 934    | 24134  | 0.17% | 0.039% |
| 36 | 4.331 | 4.305 | 4.345 | PV | 995    | 11789  | 0.08% | 0.019% |
| 37 | 4.366 | 4.345 | 4.411 | VV | 1556   | 43688  | 0.31% | 0.071% |
| 38 | 4.420 | 4.411 | 4.431 | VV | 1039   | 9461   | 0.07% | 0.015% |
| 39 | 4.446 | 4.431 | 4.508 | VV | 1653   | 38113  | 0.27% | 0.062% |
| 40 | 4.521 | 4.508 | 4.537 | VV | 228    | 2651   | 0.02% | 0.004% |
| 41 | 4.560 | 4.537 | 4.586 | VV | 851    | 14683  | 0.11% | 0.024% |
| 42 | 4.649 | 4.586 | 4.666 | VV | 1614   | 45440  | 0.33% | 0.074% |
| 43 | 4.677 | 4.666 | 4.689 | VV | 640    | 7348   | 0.05% | 0.012% |
| 44 | 4.707 | 4.689 | 4.729 | VV | 1101   | 14393  | 0.10% | 0.023% |
| 45 | 4.752 | 4.729 | 4.771 | VV | 8592   | 92930  | 0.67% | 0.151% |
| 46 | 4.784 | 4.771 | 4.809 | VV | 3937   | 47935  | 0.34% | 0.078% |
| 47 | 4.824 | 4.809 | 4.858 | VV | 681    | 10050  | 0.07% | 0.016% |
| 48 | 4.885 | 4.858 | 4.917 | PV | 397    | 8551   | 0.06% | 0.014% |
| 49 | 4.940 | 4.917 | 4.983 | VV | 3580   | 51618  | 0.37% | 0.084% |
| 50 | 5.040 | 4.983 | 5.076 | VV | 3676   | 85649  | 0.62% | 0.139% |
| 51 | 5.095 | 5.076 | 5.110 | VV | 1806   | 19888  | 0.14% | 0.032% |
| 52 | 5.130 | 5.110 | 5.183 | VV | 3037   | 65131  | 0.47% | 0.106% |
| 53 | 5.203 | 5.183 | 5.228 | VV | 2046   | 28623  | 0.21% | 0.047% |
| 54 | 5.249 | 5.228 | 5.279 | VV | 2320   | 40533  | 0.29% | 0.066% |
| 55 | 5.302 | 5.279 | 5.321 | VV | 2195   | 36535  | 0.26% | 0.059% |
| 56 | 5.344 | 5.321 | 5.366 | VV | 3133   | 45006  | 0.32% | 0.073% |
| 57 | 5.388 | 5.366 | 5.413 | VV | 2839   | 36495  | 0.26% | 0.059% |
| 58 | 5.445 | 5.413 | 5.462 | VV | 3335   | 60404  | 0.43% | 0.098% |
| 59 | 5.478 | 5.462 | 5.502 | VV | 2221   | 40168  | 0.29% | 0.065% |
| 60 | 5.519 | 5.502 | 5.545 | VV | 2427   | 40810  | 0.29% | 0.066% |
| 61 | 5.566 | 5.545 | 5.588 | VV | 2922   | 44475  | 0.32% | 0.072% |
| 62 | 5.608 | 5.588 | 5.624 | VV | 1514   | 21657  | 0.16% | 0.035% |
| 63 | 5.668 | 5.624 | 5.694 | VV | 3625   | 77364  | 0.56% | 0.126% |
| 64 | 5.727 | 5.694 | 5.777 | VV | 14696  | 200122 | 1.44% | 0.325% |
| 65 | 5.787 | 5.777 | 5.801 | VV | 867    | 9556   | 0.07% | 0.016% |
| 66 | 5.819 | 5.801 | 5.830 | VV | 1388   | 16332  | 0.12% | 0.027% |
| 67 | 5.875 | 5.830 | 5.910 | VV | 5985   | 113646 | 0.82% | 0.185% |
| 68 | 5.927 | 5.910 | 5.965 | VV | 2508   | 52954  | 0.38% | 0.086% |
| 69 | 6.007 | 5.965 | 6.028 | VV | 3871   | 72173  | 0.52% | 0.117% |
| 70 | 6.049 | 6.028 | 6.058 | VV | 2523   | 31502  | 0.23% | 0.051% |
| 71 | 6.067 | 6.058 | 6.097 | VV | 2426   | 41989  | 0.30% | 0.068% |
| 72 | 6.130 | 6.097 | 6.156 | VV | 9453   | 126711 | 0.91% | 0.206% |
| 73 | 6.169 | 6.156 | 6.181 | VV | 1536   | 20610  | 0.15% | 0.034% |
| 74 | 6.199 | 6.181 | 6.210 | VV | 2118   | 29824  | 0.21% | 0.048% |
| 75 | 6.244 | 6.210 | 6.266 | VV | 4241   | 95366  | 0.69% | 0.155% |
| 76 | 6.287 | 6.266 | 6.309 | VV | 5296   | 80011  | 0.58% | 0.130% |
| 77 | 6.328 | 6.309 | 6.343 | VV | 4018   | 56956  | 0.41% | 0.093% |
| 78 | 6.358 | 6.343 | 6.374 | VV | 5973   | 74967  | 0.54% | 0.122% |
| 79 | 6.384 | 6.374 | 6.408 | VV | 3918   | 53272  | 0.38% | 0.087% |

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|-----|-------|-------|-------|----|--------|---------|-------|--------|
| 80  | 6.427 | 6.408 | 6.469 | VV | 6762   | 114704  | 0.82% | 0.187% |
| 81  | 6.494 | 6.469 | 6.512 | VV | 2833   | 55574   | 0.40% | 0.090% |
| 82  | 6.527 | 6.512 | 6.545 | VV | 2846   | 38754   | 0.28% | 0.063% |
| 83  | 6.568 | 6.545 | 6.587 | VV | 1833   | 39028   | 0.28% | 0.063% |
| 84  | 6.648 | 6.587 | 6.677 | VV | 24055  | 405392  | 2.91% | 0.659% |
| 85  | 6.692 | 6.677 | 6.711 | VV | 3777   | 61055   | 0.44% | 0.099% |
| 86  | 6.730 | 6.711 | 6.759 | VV | 2705   | 68021   | 0.49% | 0.111% |
| 87  | 6.770 | 6.759 | 6.789 | VV | 1719   | 26864   | 0.19% | 0.044% |
| 88  | 6.823 | 6.789 | 6.863 | VV | 7584   | 161832  | 1.16% | 0.263% |
| 89  | 6.878 | 6.863 | 6.896 | VV | 3113   | 42729   | 0.31% | 0.069% |
| 90  | 6.920 | 6.896 | 6.932 | VV | 2129   | 34453   | 0.25% | 0.056% |
| 91  | 6.963 | 6.932 | 7.004 | VV | 105328 | 1197143 | 8.61% | 1.947% |
| 92  | 7.015 | 7.004 | 7.061 | VV | 5244   | 136889  | 0.98% | 0.223% |
| 93  | 7.080 | 7.061 | 7.092 | VV | 4983   | 76688   | 0.55% | 0.125% |
| 94  | 7.102 | 7.092 | 7.113 | VV | 4774   | 56772   | 0.41% | 0.092% |
| 95  | 7.125 | 7.113 | 7.145 | VV | 5123   | 74296   | 0.53% | 0.121% |
| 96  | 7.168 | 7.145 | 7.190 | VV | 5813   | 98380   | 0.71% | 0.160% |
| 97  | 7.215 | 7.190 | 7.235 | VV | 6432   | 100359  | 0.72% | 0.163% |
| 98  | 7.256 | 7.235 | 7.265 | VV | 7094   | 90223   | 0.65% | 0.147% |
| 99  | 7.275 | 7.265 | 7.300 | VV | 7175   | 102960  | 0.74% | 0.167% |
| 100 | 7.340 | 7.300 | 7.410 | VV | 8865   | 230737  | 1.66% | 0.375% |
| 101 | 7.431 | 7.410 | 7.445 | VV | 5485   | 78593   | 0.57% | 0.128% |
| 102 | 7.456 | 7.445 | 7.465 | VV | 4148   | 47754   | 0.34% | 0.078% |
| 103 | 7.520 | 7.465 | 7.549 | VV | 29474  | 494485  | 3.56% | 0.804% |
| 104 | 7.564 | 7.549 | 7.580 | VV | 5491   | 82528   | 0.59% | 0.134% |
| 105 | 7.593 | 7.580 | 7.602 | VV | 4153   | 51859   | 0.37% | 0.084% |
| 106 | 7.626 | 7.602 | 7.650 | VV | 4835   | 113217  | 0.81% | 0.184% |
| 107 | 7.683 | 7.650 | 7.696 | VV | 4884   | 101432  | 0.73% | 0.165% |
| 108 | 7.708 | 7.696 | 7.722 | VV | 5101   | 63397   | 0.46% | 0.103% |
| 109 | 7.742 | 7.722 | 7.781 | VV | 6790   | 143731  | 1.03% | 0.234% |
| 110 | 7.834 | 7.781 | 7.925 | VV | 55708  | 1021006 | 7.34% | 1.660% |
| 111 | 7.941 | 7.925 | 7.953 | VV | 6342   | 95930   | 0.69% | 0.156% |
| 112 | 7.968 | 7.953 | 7.992 | VV | 6408   | 132740  | 0.95% | 0.216% |
| 113 | 8.010 | 7.992 | 8.029 | VV | 6251   | 115307  | 0.83% | 0.188% |
| 114 | 8.055 | 8.029 | 8.082 | VV | 13743  | 232150  | 1.67% | 0.378% |
| 115 | 8.110 | 8.082 | 8.150 | VV | 5973   | 162519  | 1.17% | 0.264% |
| 116 | 8.173 | 8.150 | 8.190 | VV | 4501   | 90042   | 0.65% | 0.146% |
| 117 | 8.206 | 8.190 | 8.227 | VV | 5245   | 93608   | 0.67% | 0.152% |
| 118 | 8.238 | 8.227 | 8.255 | VV | 3615   | 56197   | 0.40% | 0.091% |
| 119 | 8.280 | 8.255 | 8.303 | VV | 4864   | 117294  | 0.84% | 0.191% |
| 120 | 8.342 | 8.303 | 8.371 | VV | 34147  | 488884  | 3.52% | 0.795% |
| 121 | 8.383 | 8.371 | 8.408 | VV | 4399   | 86883   | 0.62% | 0.141% |
| 122 | 8.428 | 8.408 | 8.454 | VV | 4816   | 101716  | 0.73% | 0.165% |
| 123 | 8.490 | 8.454 | 8.513 | VV | 3951   | 114382  | 0.82% | 0.186% |
| 124 | 8.543 | 8.513 | 8.556 | VV | 4037   | 79305   | 0.57% | 0.129% |
| 125 | 8.573 | 8.556 | 8.608 | VV | 4895   | 110542  | 0.79% | 0.180% |
| 126 | 8.628 | 8.608 | 8.660 | VV | 4507   | 109409  | 0.79% | 0.178% |

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|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 127 | 8.676  | 8.660  | 8.690  | VV | 3843   | 59542   | 0.43% | 0.097% |
| 128 | 8.719  | 8.690  | 8.748  | VV | 8359   | 191623  | 1.38% | 0.312% |
| 129 | 8.761  | 8.748  | 8.773  | VV | 4701   | 63066   | 0.45% | 0.103% |
| 130 | 8.801  | 8.773  | 8.825  | VV | 6729   | 155617  | 1.12% | 0.253% |
| 131 | 8.848  | 8.825  | 8.866  | VV | 6788   | 118066  | 0.85% | 0.192% |
| 132 | 8.901  | 8.866  | 8.926  | VV | 6602   | 154838  | 1.11% | 0.252% |
| 133 | 8.950  | 8.926  | 8.986  | VV | 3269   | 102423  | 0.74% | 0.167% |
| 134 | 9.005  | 8.986  | 9.017  | VV | 2869   | 50241   | 0.36% | 0.082% |
| 135 | 9.036  | 9.017  | 9.048  | VV | 3585   | 59887   | 0.43% | 0.097% |
| 136 | 9.076  | 9.048  | 9.098  | VV | 6502   | 145280  | 1.04% | 0.236% |
| 137 | 9.121  | 9.098  | 9.170  | VV | 37473  | 504105  | 3.62% | 0.820% |
| 138 | 9.203  | 9.170  | 9.215  | VV | 3717   | 89955   | 0.65% | 0.146% |
| 139 | 9.224  | 9.215  | 9.258  | VV | 3590   | 78632   | 0.57% | 0.128% |
| 140 | 9.294  | 9.258  | 9.324  | VV | 3991   | 125835  | 0.90% | 0.205% |
| 141 | 9.334  | 9.324  | 9.342  | VV | 2599   | 27270   | 0.20% | 0.044% |
| 142 | 9.359  | 9.342  | 9.376  | VV | 2609   | 52050   | 0.37% | 0.085% |
| 143 | 9.395  | 9.376  | 9.415  | VV | 3230   | 62948   | 0.45% | 0.102% |
| 144 | 9.467  | 9.415  | 9.482  | VV | 5281   | 139931  | 1.01% | 0.228% |
| 145 | 9.510  | 9.482  | 9.539  | VV | 14769  | 268046  | 1.93% | 0.436% |
| 146 | 9.561  | 9.539  | 9.581  | VV | 5440   | 106607  | 0.77% | 0.173% |
| 147 | 9.599  | 9.581  | 9.622  | VV | 6451   | 109404  | 0.79% | 0.178% |
| 148 | 9.654  | 9.622  | 9.685  | VV | 6764   | 145419  | 1.05% | 0.236% |
| 149 | 9.705  | 9.685  | 9.721  | VV | 2653   | 51401   | 0.37% | 0.084% |
| 150 | 9.763  | 9.721  | 9.817  | VV | 4492   | 187226  | 1.35% | 0.304% |
| 151 | 9.860  | 9.817  | 9.897  | VV | 35054  | 519229  | 3.73% | 0.844% |
| 152 | 9.932  | 9.897  | 9.965  | VV | 13645  | 292039  | 2.10% | 0.475% |
| 153 | 9.978  | 9.965  | 10.013 | VV | 3746   | 85934   | 0.62% | 0.140% |
| 154 | 10.076 | 10.013 | 10.090 | VV | 2711   | 106309  | 0.76% | 0.173% |
| 155 | 10.140 | 10.090 | 10.159 | VV | 3038   | 108765  | 0.78% | 0.177% |
| 156 | 10.188 | 10.159 | 10.221 | VV | 4862   | 141799  | 1.02% | 0.231% |
| 157 | 10.252 | 10.221 | 10.295 | VV | 6126   | 173444  | 1.25% | 0.282% |
| 158 | 10.316 | 10.295 | 10.349 | VV | 4704   | 97267   | 0.70% | 0.158% |
| 159 | 10.368 | 10.349 | 10.395 | VV | 4203   | 75149   | 0.54% | 0.122% |
| 160 | 10.422 | 10.395 | 10.451 | VV | 2740   | 68712   | 0.49% | 0.112% |
| 161 | 10.491 | 10.451 | 10.504 | VV | 2574   | 70917   | 0.51% | 0.115% |
| 162 | 10.513 | 10.504 | 10.534 | VV | 2590   | 43355   | 0.31% | 0.071% |
| 163 | 10.564 | 10.534 | 10.627 | VV | 30778  | 454949  | 3.27% | 0.740% |
| 164 | 10.654 | 10.627 | 10.701 | VV | 11026  | 206337  | 1.48% | 0.336% |
| 165 | 10.719 | 10.701 | 10.740 | VV | 1979   | 38280   | 0.28% | 0.062% |
| 166 | 10.760 | 10.740 | 10.781 | VV | 1939   | 38946   | 0.28% | 0.063% |
| 167 | 10.808 | 10.781 | 10.828 | VV | 2164   | 52986   | 0.38% | 0.086% |
| 168 | 10.880 | 10.828 | 10.937 | VV | 95488  | 1188481 | 8.55% | 1.933% |
| 169 | 10.960 | 10.937 | 10.982 | VV | 4699   | 85750   | 0.62% | 0.139% |
| 170 | 10.999 | 10.982 | 11.028 | VV | 3680   | 67557   | 0.49% | 0.110% |
| 171 | 11.049 | 11.028 | 11.092 | VV | 3423   | 83229   | 0.60% | 0.135% |
| 172 | 11.123 | 11.092 | 11.151 | VV | 3469   | 75995   | 0.55% | 0.124% |
| 173 | 11.168 | 11.151 | 11.186 | VV | 2038   | 34035   | 0.24% | 0.055% |
| 174 | 11.234 | 11.186 | 11.258 | VV | 24995  | 371191  | 2.67% | 0.604% |

|     |        |        |        |    |        |          |         |         |
|-----|--------|--------|--------|----|--------|----------|---------|---------|
| 175 | 11.288 | 11.258 | 11.411 | VV | 203677 | 2411134  | 17.34%  | 3.921%  |
| 176 | 11.484 | 11.411 | 11.538 | VV | 16331  | 353582   | 2.54%   | 0.575%  |
| 177 | 11.562 | 11.538 | 11.589 | VV | 6631   | 113209   | 0.81%   | 0.184%  |
| 178 | 11.628 | 11.589 | 11.676 | VV | 3330   | 120986   | 0.87%   | 0.197%  |
| 179 | 11.714 | 11.676 | 11.740 | VV | 4970   | 98070    | 0.71%   | 0.159%  |
| 180 | 11.756 | 11.740 | 11.779 | VV | 1909   | 31276    | 0.22%   | 0.051%  |
| 181 | 11.817 | 11.779 | 11.848 | VV | 1882   | 56287    | 0.40%   | 0.092%  |
| 182 | 11.875 | 11.848 | 11.913 | VV | 21409  | 281606   | 2.02%   | 0.458%  |
| 183 | 11.932 | 11.913 | 12.004 | VV | 3050   | 98842    | 0.71%   | 0.161%  |
| 184 | 12.023 | 12.004 | 12.079 | VV | 997    | 21660    | 0.16%   | 0.035%  |
| 185 | 12.094 | 12.079 | 12.108 | VV | 261    | 2809     | 0.02%   | 0.005%  |
| 186 | 12.132 | 12.108 | 12.148 | VV | 1549   | 23562    | 0.17%   | 0.038%  |
| 187 | 12.165 | 12.148 | 12.186 | VV | 1214   | 21329    | 0.15%   | 0.035%  |
| 188 | 12.198 | 12.186 | 12.218 | VV | 817    | 9600     | 0.07%   | 0.016%  |
| 189 | 12.244 | 12.218 | 12.264 | PV | 2367   | 38077    | 0.27%   | 0.062%  |
| 190 | 12.314 | 12.264 | 12.346 | VV | 946019 | 13908030 | 100.00% | 22.616% |
| 191 | 12.368 | 12.346 | 12.445 | VV | 489993 | 6188077  | 44.49%  | 10.063% |
| 192 | 12.502 | 12.445 | 12.519 | VV | 20071  | 435262   | 3.13%   | 0.708%  |
| 193 | 12.543 | 12.519 | 12.681 | VV | 92111  | 1385859  | 9.96%   | 2.254%  |
| 194 | 12.719 | 12.681 | 12.811 | VV | 3571   | 129945   | 0.93%   | 0.211%  |
| 195 | 12.838 | 12.811 | 12.858 | VV | 3310   | 53112    | 0.38%   | 0.086%  |
| 196 | 12.872 | 12.858 | 12.893 | VV | 1706   | 26318    | 0.19%   | 0.043%  |
| 197 | 12.911 | 12.893 | 12.936 | VV | 1413   | 23795    | 0.17%   | 0.039%  |
| 198 | 12.982 | 12.936 | 13.001 | VV | 1171   | 32736    | 0.24%   | 0.053%  |
| 199 | 13.018 | 13.001 | 13.045 | VV | 1070   | 17575    | 0.13%   | 0.029%  |
| 200 | 13.074 | 13.045 | 13.100 | VV | 11684  | 159834   | 1.15%   | 0.260%  |
| 201 | 13.119 | 13.100 | 13.151 | VV | 2667   | 59121    | 0.43%   | 0.096%  |
| 202 | 13.189 | 13.151 | 13.248 | VV | 2567   | 69094    | 0.50%   | 0.112%  |
| 203 | 13.292 | 13.248 | 13.335 | PV | 1892   | 54701    | 0.39%   | 0.089%  |
| 204 | 13.377 | 13.335 | 13.418 | VV | 3531   | 109750   | 0.79%   | 0.178%  |
| 205 | 13.436 | 13.418 | 13.451 | VV | 1420   | 21837    | 0.16%   | 0.036%  |
| 206 | 13.484 | 13.451 | 13.505 | VV | 2402   | 49244    | 0.35%   | 0.080%  |
| 207 | 13.528 | 13.505 | 13.551 | VV | 4489   | 70716    | 0.51%   | 0.115%  |
| 208 | 13.567 | 13.551 | 13.610 | VV | 1905   | 42927    | 0.31%   | 0.070%  |
| 209 | 13.637 | 13.610 | 13.665 | VV | 8190   | 116234   | 0.84%   | 0.189%  |
| 210 | 13.695 | 13.665 | 13.741 | VV | 9405   | 165834   | 1.19%   | 0.270%  |
| 211 | 13.759 | 13.741 | 13.793 | VV | 2739   | 53232    | 0.38%   | 0.087%  |
| 212 | 13.812 | 13.793 | 13.835 | VV | 1988   | 32225    | 0.23%   | 0.052%  |
| 213 | 13.852 | 13.835 | 13.876 | VV | 1045   | 20256    | 0.15%   | 0.033%  |
| 214 | 13.888 | 13.876 | 13.907 | VV | 668    | 9315     | 0.07%   | 0.015%  |
| 215 | 13.930 | 13.907 | 13.971 | VV | 596    | 13518    | 0.10%   | 0.022%  |
| 216 | 13.986 | 13.971 | 14.005 | VV | 449    | 5789     | 0.04%   | 0.009%  |
| 217 | 14.031 | 14.005 | 14.048 | VV | 570    | 8289     | 0.06%   | 0.013%  |
| 218 | 14.068 | 14.048 | 14.085 | VV | 399    | 6318     | 0.05%   | 0.010%  |
| 219 | 14.156 | 14.085 | 14.217 | VV | 19207  | 406051   | 2.92%   | 0.660%  |
| 220 | 14.227 | 14.217 | 14.301 | VV | 1367   | 49911    | 0.36%   | 0.081%  |
| 221 | 14.313 | 14.301 | 14.335 | VV | 674    | 11286    | 0.08%   | 0.018%  |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 222 | 14.370 | 14.335 | 14.408 | VV | 801    | 19389 | 0.14% | 0.032% |
| 223 | 14.432 | 14.408 | 14.445 | VV | 452    | 8174  | 0.06% | 0.013% |
| 224 | 14.455 | 14.445 | 14.470 | VV | 464    | 5787  | 0.04% | 0.009% |
| 225 | 14.509 | 14.470 | 14.531 | VV | 493    | 12528 | 0.09% | 0.020% |
| 226 | 14.601 | 14.531 | 14.655 | PV | 1706   | 62198 | 0.45% | 0.101% |
| 227 | 14.700 | 14.655 | 14.733 | VV | 4490   | 84763 | 0.61% | 0.138% |
| 228 | 14.758 | 14.733 | 14.798 | VV | 6605   | 98497 | 0.71% | 0.160% |
| 229 | 14.830 | 14.798 | 14.863 | VV | 819    | 17917 | 0.13% | 0.029% |
| 230 | 14.883 | 14.863 | 14.895 | VV | 376    | 4111  | 0.03% | 0.007% |
| 231 | 14.912 | 14.895 | 14.935 | VV | 422    | 5275  | 0.04% | 0.009% |
| 232 | 14.957 | 14.935 | 14.975 | VV | 540    | 8854  | 0.06% | 0.014% |
| 233 | 15.023 | 14.975 | 15.047 | VV | 473    | 13602 | 0.10% | 0.022% |
| 234 | 15.090 | 15.047 | 15.108 | PV | 444    | 10328 | 0.07% | 0.017% |
| 235 | 15.126 | 15.108 | 15.144 | VV | 521    | 9467  | 0.07% | 0.015% |
| 236 | 15.159 | 15.144 | 15.172 | VV | 573    | 8190  | 0.06% | 0.013% |
| 237 | 15.200 | 15.172 | 15.231 | VV | 3784   | 58735 | 0.42% | 0.096% |
| 238 | 15.262 | 15.231 | 15.317 | VV | 1483   | 33030 | 0.24% | 0.054% |
| 239 | 15.330 | 15.317 | 15.346 | VV | 245    | 3111  | 0.02% | 0.005% |
| 240 | 15.391 | 15.346 | 15.440 | PV | 784    | 21954 | 0.16% | 0.036% |
| 241 | 15.453 | 15.440 | 15.461 | VV | 166    | 1247  | 0.01% | 0.002% |
| 242 | 15.490 | 15.461 | 15.505 | VV | 736    | 10269 | 0.07% | 0.017% |
| 243 | 15.511 | 15.505 | 15.533 | VV | 557    | 6652  | 0.05% | 0.011% |
| 244 | 15.563 | 15.533 | 15.577 | VV | 361    | 6033  | 0.04% | 0.010% |
| 245 | 15.601 | 15.577 | 15.620 | VV | 536    | 8570  | 0.06% | 0.014% |
| 246 | 15.644 | 15.620 | 15.655 | VV | 339    | 5399  | 0.04% | 0.009% |
| 247 | 15.685 | 15.655 | 15.719 | VV | 3447   | 58413 | 0.42% | 0.095% |
| 248 | 15.746 | 15.719 | 15.788 | VV | 2579   | 49939 | 0.36% | 0.081% |
| 249 | 15.843 | 15.788 | 15.858 | VV | 864    | 29147 | 0.21% | 0.047% |
| 250 | 15.894 | 15.858 | 15.934 | VV | 788    | 25873 | 0.19% | 0.042% |
| 251 | 16.025 | 15.934 | 16.049 | VV | 885    | 30425 | 0.22% | 0.049% |
| 252 | 16.057 | 16.049 | 16.068 | VV | 252    | 1638  | 0.01% | 0.003% |
| 253 | 16.151 | 16.068 | 16.182 | VV | 3304   | 80191 | 0.58% | 0.130% |
| 254 | 16.198 | 16.182 | 16.290 | VV | 1763   | 45522 | 0.33% | 0.074% |
| 255 | 16.352 | 16.290 | 16.361 | PV | 673    | 23762 | 0.17% | 0.039% |
| 256 | 16.390 | 16.361 | 16.413 | VV | 1438   | 25943 | 0.19% | 0.042% |
| 257 | 16.468 | 16.413 | 16.503 | VV | 1896   | 43881 | 0.32% | 0.071% |
| 258 | 16.566 | 16.503 | 16.578 | VV | 1346   | 38760 | 0.28% | 0.063% |
| 259 | 16.602 | 16.578 | 16.628 | VV | 3421   | 57086 | 0.41% | 0.093% |
| 260 | 16.638 | 16.628 | 16.645 | VV | 839    | 7927  | 0.06% | 0.013% |
| 261 | 16.670 | 16.645 | 16.685 | VV | 1057   | 18661 | 0.13% | 0.030% |
| 262 | 16.707 | 16.685 | 16.738 | VV | 1297   | 25974 | 0.19% | 0.042% |
| 263 | 16.774 | 16.738 | 16.792 | VV | 1077   | 21106 | 0.15% | 0.034% |
| 264 | 16.811 | 16.792 | 16.821 | VV | 616    | 6765  | 0.05% | 0.011% |
| 265 | 16.869 | 16.821 | 16.912 | VV | 913    | 17734 | 0.13% | 0.029% |
| 266 | 16.934 | 16.912 | 16.945 | PV | 780    | 9730  | 0.07% | 0.016% |
| 267 | 16.960 | 16.945 | 16.975 | VV | 929    | 13003 | 0.09% | 0.021% |
| 268 | 16.985 | 16.975 | 16.995 | VV | 796    | 8308  | 0.06% | 0.014% |
| 269 | 17.039 | 16.995 | 17.067 | VV | 4772   | 89158 | 0.64% | 0.145% |

|     |        |        |        |    |       |         |       |        |
|-----|--------|--------|--------|----|-------|---------|-------|--------|
| 270 | 17.084 | 17.067 | 17.100 | VV | 875   | 12102   | 0.09% | 0.020% |
| 271 | 17.128 | 17.100 | 17.144 | VV | 779   | 13910   | 0.10% | 0.023% |
| 272 | 17.181 | 17.144 | 17.201 | VV | 3877  | 69373   | 0.50% | 0.113% |
| 273 | 17.210 | 17.201 | 17.258 | VV | 1793  | 38682   | 0.28% | 0.063% |
| 274 | 17.269 | 17.258 | 17.293 | VV | 603   | 11453   | 0.08% | 0.019% |
| 275 | 17.318 | 17.293 | 17.338 | VV | 1053  | 20448   | 0.15% | 0.033% |
| 276 | 17.363 | 17.338 | 17.375 | VV | 1805  | 28785   | 0.21% | 0.047% |
| 277 | 17.385 | 17.375 | 17.403 | VV | 1393  | 22172   | 0.16% | 0.036% |
| 278 | 17.462 | 17.403 | 17.484 | VV | 4567  | 101867  | 0.73% | 0.166% |
| 279 | 17.499 | 17.484 | 17.508 | VV | 1226  | 16762   | 0.12% | 0.027% |
| 280 | 17.550 | 17.508 | 17.573 | VV | 3507  | 79584   | 0.57% | 0.129% |
| 281 | 17.584 | 17.573 | 17.603 | VV | 1823  | 26274   | 0.19% | 0.043% |
| 282 | 17.627 | 17.603 | 17.642 | VV | 1607  | 29598   | 0.21% | 0.048% |
| 283 | 17.670 | 17.642 | 17.681 | VV | 1473  | 27485   | 0.20% | 0.045% |
| 284 | 17.758 | 17.681 | 17.798 | VV | 1455  | 84119   | 0.60% | 0.137% |
| 285 | 17.872 | 17.798 | 17.914 | VV | 5719  | 161316  | 1.16% | 0.262% |
| 286 | 17.971 | 17.914 | 17.991 | VV | 4460  | 110321  | 0.79% | 0.179% |
| 287 | 18.019 | 17.991 | 18.055 | VV | 4495  | 125755  | 0.90% | 0.204% |
| 288 | 18.130 | 18.055 | 18.198 | VV | 3983  | 273948  | 1.97% | 0.445% |
| 289 | 18.268 | 18.198 | 18.290 | VV | 6705  | 230871  | 1.66% | 0.375% |
| 290 | 18.302 | 18.290 | 18.335 | VV | 4458  | 103918  | 0.75% | 0.169% |
| 291 | 18.374 | 18.335 | 18.398 | VV | 4168  | 133930  | 0.96% | 0.218% |
| 292 | 18.438 | 18.398 | 18.447 | VV | 3922  | 109317  | 0.79% | 0.178% |
| 293 | 18.470 | 18.447 | 18.489 | VV | 3957  | 95485   | 0.69% | 0.155% |
| 294 | 18.528 | 18.489 | 18.538 | VV | 4116  | 110890  | 0.80% | 0.180% |
| 295 | 18.582 | 18.538 | 18.593 | VV | 4327  | 133185  | 0.96% | 0.217% |
| 296 | 18.658 | 18.593 | 18.675 | VV | 8257  | 263886  | 1.90% | 0.429% |
| 297 | 18.686 | 18.675 | 18.708 | VV | 6118  | 110751  | 0.80% | 0.180% |
| 298 | 18.721 | 18.708 | 18.737 | VV | 4906  | 81593   | 0.59% | 0.133% |
| 299 | 18.776 | 18.737 | 18.807 | VV | 5988  | 225082  | 1.62% | 0.366% |
| 300 | 18.951 | 18.807 | 18.970 | VV | 6681  | 591881  | 4.26% | 0.962% |
| 301 | 19.034 | 18.970 | 19.056 | VV | 10501 | 421408  | 3.03% | 0.685% |
| 302 | 19.082 | 19.056 | 19.115 | VV | 8909  | 292733  | 2.10% | 0.476% |
| 303 | 19.233 | 19.115 | 19.248 | VV | 9571  | 720410  | 5.18% | 1.171% |
| 304 | 19.302 | 19.248 | 19.341 | VV | 10954 | 566363  | 4.07% | 0.921% |
| 305 | 19.398 | 19.341 | 19.424 | VV | 13707 | 561997  | 4.04% | 0.914% |
| 306 | 19.460 | 19.424 | 19.485 | VV | 12388 | 425221  | 3.06% | 0.691% |
| 307 | 19.606 | 19.485 | 19.628 | VV | 13753 | 1105244 | 7.95% | 1.797% |
| 308 | 19.679 | 19.628 | 19.695 | VV | 14139 | 542191  | 3.90% | 0.882% |
| 309 | 19.755 | 19.695 | 19.785 | VV | 16097 | 788006  | 5.67% | 1.281% |
| 310 | 19.798 | 19.785 | 19.825 | VV | 14276 | 327742  | 2.36% | 0.533% |
| 311 | 19.869 | 19.825 | 19.880 | VV | 13469 | 432332  | 3.11% | 0.703% |
| 312 | 19.905 | 19.880 | 19.952 | VV | 14617 | 585614  | 4.21% | 0.952% |
| 313 | 19.971 | 19.952 | 19.988 | VV | 13122 | 275139  | 1.98% | 0.447% |
| 314 | 20.001 | 19.988 | 20.031 | VV | 12996 | 324134  | 2.33% | 0.527% |
| 315 | 20.043 | 20.031 | 20.088 | VV | 11986 | 391103  | 2.81% | 0.636% |
| 316 | 20.132 | 20.088 | 20.190 | VV | 12886 | 687496  | 4.94% | 1.118% |

|     |        |        |        |     |                         |          |       |        |
|-----|--------|--------|--------|-----|-------------------------|----------|-------|--------|
|     |        |        |        |     | rteres                  |          |       |        |
| 317 | 20.213 | 20.190 | 20.220 | VV  | 10361                   | 181506   | 1.31% | 0.295% |
| 318 | 20.250 | 20.220 | 20.377 | VV  | 10617                   | 917563   | 6.60% | 1.492% |
| 319 | 20.389 | 20.377 | 20.399 | VV  | 8749                    | 113102   | 0.81% | 0.184% |
| 320 | 20.404 | 20.399 | 20.421 | VV  | 8591                    | 112567   | 0.81% | 0.183% |
| 321 | 20.440 | 20.421 | 20.515 | VV  | 8368                    | 427949   | 3.08% | 0.696% |
| 322 | 20.554 | 20.515 | 20.595 | VV  | 7920                    | 330640   | 2.38% | 0.538% |
| 323 | 20.635 | 20.595 | 20.644 | VV  | 5915                    | 172044   | 1.24% | 0.280% |
| 324 | 20.668 | 20.644 | 20.735 | VV  | 6231                    | 306003   | 2.20% | 0.498% |
| 325 | 20.745 | 20.735 | 20.801 | VV  | 4921                    | 177608   | 1.28% | 0.289% |
| 326 | 20.808 | 20.801 | 20.834 | VV  | 3915                    | 74150    | 0.53% | 0.121% |
| 327 | 20.861 | 20.834 | 20.871 | VV  | 3649                    | 79008    | 0.57% | 0.128% |
| 328 | 20.882 | 20.871 | 20.891 | VV  | 3391                    | 40960    | 0.29% | 0.067% |
| 329 | 20.912 | 20.891 | 20.975 | VV  | 3264                    | 140501   | 1.01% | 0.228% |
| 330 | 21.035 | 20.975 | 21.078 | VV  | 3013                    | 138404   | 1.00% | 0.225% |
| 331 | 21.093 | 21.078 | 21.105 | VV  | 910                     | 13326    | 0.10% | 0.022% |
| 332 | 21.121 | 21.105 | 21.145 | VV  | 774                     | 10864    | 0.08% | 0.018% |
| 333 | 21.186 | 21.145 | 21.201 | PBA | 463                     | 53238    | 0.38% | 0.087% |
|     |        |        |        |     | Sum of corrected areas: | 61495156 |       |        |

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