

rteres  
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC082818AL\  
Data File : FC036121.D  
Signal(s) : FID1A.CH  
Acq On : 28 Aug 2018 21:42  
Sample : J4276-05  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 082118.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         | 3.215       | 3.182        | 3.293      | BV       | 335            | 5811         | 0.04%          | 0.001%        |
| 2         | 3.357       | 3.293        | 3.376      | PV       | 228            | 7194         | 0.05%          | 0.002%        |
| 3         | 3.414       | 3.376        | 3.433      | VV       | 251            | 5937         | 0.04%          | 0.001%        |
| 4         | 3.447       | 3.433        | 3.462      | VV       | 152            | 2090         | 0.01%          | 0.001%        |
| 5         | 3.489       | 3.462        | 3.517      | VV       | 308            | 6086         | 0.04%          | 0.002%        |
| 6         | 3.547       | 3.517        | 3.561      | VV       | 195            | 3793         | 0.03%          | 0.001%        |
| 7         | 3.590       | 3.561        | 3.649      | VV       | 733            | 17660        | 0.13%          | 0.004%        |
| 8         | 3.657       | 3.649        | 3.685      | VV       | 503            | 5777         | 0.04%          | 0.001%        |
| 9         | 3.705       | 3.685        | 3.737      | VV       | 482            | 8873         | 0.06%          | 0.002%        |
| 10        | 3.750       | 3.737        | 3.767      | VV       | 622            | 5897         | 0.04%          | 0.001%        |
| 11        | 3.789       | 3.767        | 3.851      | PV       | 773            | 14601        | 0.10%          | 0.004%        |
| 12        | 3.883       | 3.851        | 3.900      | VV       | 868            | 11959        | 0.09%          | 0.003%        |
| 13        | 3.906       | 3.900        | 3.929      | VV       | 568            | 6511         | 0.05%          | 0.002%        |
| 14        | 3.943       | 3.929        | 3.956      | VV       | 333            | 4630         | 0.03%          | 0.001%        |
| 15        | 3.971       | 3.956        | 4.000      | VV       | 404            | 6172         | 0.04%          | 0.002%        |
| 16        | 4.022       | 4.000        | 4.072      | VV       | 2565           | 63807        | 0.45%          | 0.016%        |
| 17        | 4.080       | 4.072        | 4.170      | VV       | 1089           | 28372        | 0.20%          | 0.007%        |
| 18        | 4.190       | 4.170        | 4.211      | VV       | 291            | 4501         | 0.03%          | 0.001%        |
| 19        | 4.232       | 4.211        | 4.259      | VV       | 291            | 4758         | 0.03%          | 0.001%        |
| 20        | 4.281       | 4.259        | 4.302      | VV       | 557            | 7761         | 0.06%          | 0.002%        |
| 21        | 4.319       | 4.302        | 4.335      | VV       | 986            | 8841         | 0.06%          | 0.002%        |
| 22        | 4.349       | 4.335        | 4.374      | VV       | 408            | 5361         | 0.04%          | 0.001%        |
| 23        | 4.398       | 4.374        | 4.408      | VV       | 534            | 6244         | 0.04%          | 0.002%        |
| 24        | 4.424       | 4.408        | 4.460      | VV       | 1545           | 19134        | 0.14%          | 0.005%        |
| 25        | 4.489       | 4.460        | 4.524      | VV       | 7102           | 98278        | 0.70%          | 0.025%        |
| 26        | 4.531       | 4.524        | 4.552      | VV       | 1340           | 17408        | 0.12%          | 0.004%        |
| 27        | 4.558       | 4.552        | 4.572      | VV       | 750            | 7937         | 0.06%          | 0.002%        |
| 28        | 4.584       | 4.572        | 4.600      | VV       | 605            | 9358         | 0.07%          | 0.002%        |
| 29        | 4.629       | 4.600        | 4.640      | VV       | 699            | 13262        | 0.09%          | 0.003%        |
| 30        | 4.652       | 4.640        | 4.665      | VV       | 692            | 7706         | 0.05%          | 0.002%        |
| 31        | 4.682       | 4.665        | 4.707      | VV       | 1082           | 17026        | 0.12%          | 0.004%        |
| 32        | 4.731       | 4.707        | 4.784      | VV       | 1237           | 26632        | 0.19%          | 0.007%        |
| 33        | 4.801       | 4.784        | 4.817      | VV       | 379            | 4558         | 0.03%          | 0.001%        |
| 34        | 4.837       | 4.817        | 4.854      | VV       | 371            | 4996         | 0.04%          | 0.001%        |
| 35        | 4.916       | 4.854        | 4.943      | VV       | 952            | 23343        | 0.17%          | 0.006%        |
| 36        | 4.966       | 4.943        | 4.979      | VV       | 1146           | 13948        | 0.10%          | 0.003%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.992 | 4.979 | 5.007 | VV | 1105   | 11823  | 0.08% | 0.003% |
| 38 | 5.021 | 5.007 | 5.035 | VV | 613    | 8377   | 0.06% | 0.002% |
| 39 | 5.043 | 5.035 | 5.060 | VV | 540    | 4673   | 0.03% | 0.001% |
| 40 | 5.081 | 5.060 | 5.099 | PV | 1140   | 15036  | 0.11% | 0.004% |
| 41 | 5.106 | 5.099 | 5.121 | VV | 779    | 8687   | 0.06% | 0.002% |
| 42 | 5.136 | 5.121 | 5.159 | VV | 1095   | 15424  | 0.11% | 0.004% |
| 43 | 5.178 | 5.159 | 5.187 | VV | 650    | 9060   | 0.06% | 0.002% |
| 44 | 5.202 | 5.187 | 5.217 | VV | 974    | 12116  | 0.09% | 0.003% |
| 45 | 5.230 | 5.217 | 5.244 | VV | 627    | 7004   | 0.05% | 0.002% |
| 46 | 5.259 | 5.244 | 5.294 | VV | 758    | 10538  | 0.07% | 0.003% |
| 47 | 5.316 | 5.294 | 5.330 | VV | 2702   | 31811  | 0.23% | 0.008% |
| 48 | 5.343 | 5.330 | 5.408 | VV | 1915   | 43545  | 0.31% | 0.011% |
| 49 | 5.433 | 5.408 | 5.468 | VV | 397    | 8560   | 0.06% | 0.002% |
| 50 | 5.495 | 5.468 | 5.533 | PV | 1850   | 26624  | 0.19% | 0.007% |
| 51 | 5.610 | 5.533 | 5.632 | VV | 3914   | 119857 | 0.85% | 0.030% |
| 52 | 5.641 | 5.632 | 5.669 | VV | 2356   | 33896  | 0.24% | 0.008% |
| 53 | 5.681 | 5.669 | 5.699 | VV | 1126   | 15043  | 0.11% | 0.004% |
| 54 | 5.716 | 5.699 | 5.742 | VV | 734    | 13078  | 0.09% | 0.003% |
| 55 | 5.765 | 5.742 | 5.785 | PV | 920    | 12270  | 0.09% | 0.003% |
| 56 | 5.818 | 5.785 | 5.834 | VV | 1193   | 21353  | 0.15% | 0.005% |
| 57 | 5.854 | 5.834 | 5.888 | VV | 33042  | 350560 | 2.49% | 0.088% |
| 58 | 5.902 | 5.888 | 5.934 | VV | 1966   | 34188  | 0.24% | 0.009% |
| 59 | 5.951 | 5.934 | 5.972 | VV | 1342   | 19334  | 0.14% | 0.005% |
| 60 | 5.994 | 5.972 | 6.009 | VV | 1396   | 22153  | 0.16% | 0.006% |
| 61 | 6.030 | 6.009 | 6.057 | VV | 1138   | 24948  | 0.18% | 0.006% |
| 62 | 6.073 | 6.057 | 6.087 | VV | 1203   | 14182  | 0.10% | 0.004% |
| 63 | 6.095 | 6.087 | 6.110 | VV | 896    | 11623  | 0.08% | 0.003% |
| 64 | 6.130 | 6.110 | 6.156 | VV | 1102   | 23498  | 0.17% | 0.006% |
| 65 | 6.175 | 6.156 | 6.192 | VV | 804    | 13441  | 0.10% | 0.003% |
| 66 | 6.219 | 6.192 | 6.229 | VV | 1453   | 23422  | 0.17% | 0.006% |
| 67 | 6.241 | 6.229 | 6.273 | VV | 1308   | 26963  | 0.19% | 0.007% |
| 68 | 6.294 | 6.273 | 6.342 | VV | 3528   | 57188  | 0.41% | 0.014% |
| 69 | 6.351 | 6.342 | 6.364 | VV | 464    | 4870   | 0.03% | 0.001% |
| 70 | 6.375 | 6.364 | 6.388 | VV | 587    | 6238   | 0.04% | 0.002% |
| 71 | 6.407 | 6.388 | 6.424 | VV | 636    | 11056  | 0.08% | 0.003% |
| 72 | 6.440 | 6.424 | 6.459 | VV | 2153   | 24733  | 0.18% | 0.006% |
| 73 | 6.478 | 6.459 | 6.525 | VV | 1674   | 25176  | 0.18% | 0.006% |
| 74 | 6.565 | 6.525 | 6.582 | VV | 1583   | 19462  | 0.14% | 0.005% |
| 75 | 6.607 | 6.582 | 6.639 | PV | 1824   | 37857  | 0.27% | 0.009% |
| 76 | 6.648 | 6.639 | 6.657 | VV | 953    | 9136   | 0.06% | 0.002% |
| 77 | 6.684 | 6.657 | 6.706 | VV | 3665   | 50356  | 0.36% | 0.013% |
| 78 | 6.718 | 6.706 | 6.740 | VV | 909    | 15087  | 0.11% | 0.004% |
| 79 | 6.751 | 6.740 | 6.767 | VV | 720    | 9830   | 0.07% | 0.002% |
| 80 | 6.810 | 6.767 | 6.828 | VV | 3168   | 56840  | 0.40% | 0.014% |
| 81 | 6.847 | 6.828 | 6.874 | VV | 2816   | 52874  | 0.38% | 0.013% |
| 82 | 6.904 | 6.874 | 6.938 | VV | 38938  | 446638 | 3.18% | 0.112% |
| 83 | 6.949 | 6.938 | 6.972 | VV | 1993   | 30851  | 0.22% | 0.008% |
| 84 | 6.993 | 6.972 | 7.015 | VV | 4542   | 69940  | 0.50% | 0.018% |
| 85 | 7.037 | 7.015 | 7.070 | VV | 42274  | 439131 | 3.12% | 0.110% |
| 86 | 7.087 | 7.070 | 7.150 | VV | 1550   | 38706  | 0.28% | 0.010% |
| 87 | 7.187 | 7.150 | 7.196 | VV | 2347   | 35690  | 0.25% | 0.009% |
| 88 | 7.212 | 7.196 | 7.235 | VV | 5274   | 63569  | 0.45% | 0.016% |
| 89 | 7.266 | 7.235 | 7.314 | VV | 1263   | 38353  | 0.27% | 0.010% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 7.339 | 7.314 | 7.357 | VV | 622    | 10850   | 0.08%  | 0.003% |
| 91  | 7.383 | 7.357 | 7.413 | VV | 2725   | 47262   | 0.34%  | 0.012% |
| 92  | 7.433 | 7.413 | 7.454 | VV | 1428   | 16983   | 0.12%  | 0.004% |
| 93  | 7.517 | 7.454 | 7.562 | PV | 564155 | 5533164 | 39.34% | 1.387% |
| 94  | 7.572 | 7.562 | 7.602 | VV | 3026   | 62071   | 0.44%  | 0.016% |
| 95  | 7.627 | 7.602 | 7.650 | VV | 11240  | 157436  | 1.12%  | 0.039% |
| 96  | 7.666 | 7.650 | 7.700 | VV | 3888   | 69609   | 0.49%  | 0.017% |
| 97  | 7.725 | 7.700 | 7.747 | VV | 3106   | 48810   | 0.35%  | 0.012% |
| 98  | 7.781 | 7.747 | 7.818 | VV | 10428  | 201393  | 1.43%  | 0.050% |
| 99  | 7.830 | 7.818 | 7.840 | VV | 4068   | 47215   | 0.34%  | 0.012% |
| 100 | 7.891 | 7.840 | 7.935 | VV | 18075  | 459530  | 3.27%  | 0.115% |
| 101 | 7.953 | 7.935 | 7.964 | VV | 3269   | 40233   | 0.29%  | 0.010% |
| 102 | 7.995 | 7.964 | 8.010 | VV | 46972  | 532524  | 3.79%  | 0.133% |
| 103 | 8.022 | 8.010 | 8.039 | VV | 27674  | 303621  | 2.16%  | 0.076% |
| 104 | 8.051 | 8.039 | 8.067 | VV | 12653  | 157152  | 1.12%  | 0.039% |
| 105 | 8.079 | 8.067 | 8.100 | VV | 9012   | 111144  | 0.79%  | 0.028% |
| 106 | 8.140 | 8.100 | 8.155 | VV | 20482  | 340235  | 2.42%  | 0.085% |
| 107 | 8.175 | 8.155 | 8.210 | VV | 65888  | 848433  | 6.03%  | 0.213% |
| 108 | 8.231 | 8.210 | 8.247 | VV | 6158   | 86358   | 0.61%  | 0.022% |
| 109 | 8.267 | 8.247 | 8.304 | VV | 12499  | 168189  | 1.20%  | 0.042% |
| 110 | 8.317 | 8.304 | 8.340 | VV | 2203   | 29661   | 0.21%  | 0.007% |
| 111 | 8.375 | 8.340 | 8.410 | VV | 362606 | 3764650 | 26.77% | 0.943% |
| 112 | 8.425 | 8.410 | 8.445 | VV | 6444   | 106377  | 0.76%  | 0.027% |
| 113 | 8.470 | 8.445 | 8.500 | VV | 109355 | 1140836 | 8.11%  | 0.286% |
| 114 | 8.521 | 8.500 | 8.555 | VV | 12214  | 195080  | 1.39%  | 0.049% |
| 115 | 8.588 | 8.555 | 8.600 | VV | 6675   | 115752  | 0.82%  | 0.029% |
| 116 | 8.614 | 8.600 | 8.648 | VV | 7362   | 122963  | 0.87%  | 0.031% |
| 117 | 8.662 | 8.648 | 8.677 | VV | 3996   | 47961   | 0.34%  | 0.012% |
| 118 | 8.711 | 8.677 | 8.725 | VV | 20079  | 283545  | 2.02%  | 0.071% |
| 119 | 8.742 | 8.725 | 8.769 | VV | 50746  | 581004  | 4.13%  | 0.146% |
| 120 | 8.784 | 8.769 | 8.800 | VV | 7094   | 97314   | 0.69%  | 0.024% |
| 121 | 8.833 | 8.800 | 8.858 | VV | 7206   | 177152  | 1.26%  | 0.044% |
| 122 | 8.880 | 8.858 | 8.905 | VV | 17035  | 290015  | 2.06%  | 0.073% |
| 123 | 8.919 | 8.905 | 8.960 | VV | 21919  | 296480  | 2.11%  | 0.074% |
| 124 | 8.979 | 8.960 | 9.007 | VV | 5062   | 75714   | 0.54%  | 0.019% |
| 125 | 9.034 | 9.007 | 9.051 | VV | 21407  | 251897  | 1.79%  | 0.063% |
| 126 | 9.066 | 9.051 | 9.099 | VV | 15538  | 196015  | 1.39%  | 0.049% |
| 127 | 9.116 | 9.099 | 9.134 | VV | 10617  | 127468  | 0.91%  | 0.032% |
| 128 | 9.170 | 9.134 | 9.191 | VV | 18091  | 271664  | 1.93%  | 0.068% |
| 129 | 9.209 | 9.191 | 9.225 | VV | 8940   | 106062  | 0.75%  | 0.027% |
| 130 | 9.250 | 9.225 | 9.307 | VV | 125295 | 1617976 | 11.50% | 0.405% |
| 131 | 9.329 | 9.307 | 9.345 | VV | 20611  | 240737  | 1.71%  | 0.060% |
| 132 | 9.369 | 9.345 | 9.380 | VV | 11512  | 193622  | 1.38%  | 0.049% |
| 133 | 9.399 | 9.380 | 9.418 | VV | 28282  | 399767  | 2.84%  | 0.100% |
| 134 | 9.430 | 9.418 | 9.442 | VV | 12556  | 134781  | 0.96%  | 0.034% |
| 135 | 9.458 | 9.442 | 9.483 | VV | 20408  | 268846  | 1.91%  | 0.067% |
| 136 | 9.509 | 9.483 | 9.535 | VV | 9311   | 160430  | 1.14%  | 0.040% |
| 137 | 9.571 | 9.535 | 9.600 | VV | 24065  | 375680  | 2.67%  | 0.094% |
| 138 | 9.624 | 9.600 | 9.640 | VV | 7209   | 134878  | 0.96%  | 0.034% |
| 139 | 9.671 | 9.640 | 9.713 | VV | 40393  | 636864  | 4.53%  | 0.160% |
| 140 | 9.730 | 9.713 | 9.749 | VV | 6595   | 90748   | 0.65%  | 0.023% |
| 141 | 9.769 | 9.749 | 9.807 | VV | 5220   | 91473   | 0.65%  | 0.023% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.833  | 9.807  | 9.892  | VV | 6808   | 121042  | 0.86%  | 0.030% |
| 143    | 9.938  | 9.892  | 9.970  | PV | 3007   | 61650   | 0.44%  | 0.015% |
| 144    | 9.993  | 9.970  | 10.030 | VV | 9195   | 142444  | 1.01%  | 0.036% |
| 145    | 10.059 | 10.030 | 10.078 | VV | 8004   | 149889  | 1.07%  | 0.038% |
|        |        |        |        |    |        |         |        |        |
| 146    | 10.127 | 10.078 | 10.149 | VV | 39746  | 739984  | 5.26%  | 0.185% |
| 147    | 10.166 | 10.149 | 10.190 | VV | 27137  | 338106  | 2.40%  | 0.085% |
| 148    | 10.199 | 10.190 | 10.217 | VV | 4182   | 57279   | 0.41%  | 0.014% |
| 149    | 10.244 | 10.217 | 10.278 | VV | 29589  | 500934  | 3.56%  | 0.126% |
| 150    | 10.298 | 10.278 | 10.354 | VV | 17116  | 407868  | 2.90%  | 0.102% |
|        |        |        |        |    |        |         |        |        |
| 151    | 10.381 | 10.354 | 10.390 | VV | 7409   | 120452  | 0.86%  | 0.030% |
| 152    | 10.412 | 10.390 | 10.427 | VV | 33501  | 444502  | 3.16%  | 0.111% |
| 153    | 10.447 | 10.427 | 10.500 | VV | 51935  | 918281  | 6.53%  | 0.230% |
| 154    | 10.520 | 10.500 | 10.532 | VV | 7398   | 110089  | 0.78%  | 0.028% |
| 155    | 10.548 | 10.532 | 10.565 | VV | 10746  | 133877  | 0.95%  | 0.034% |
|        |        |        |        |    |        |         |        |        |
| 156    | 10.583 | 10.565 | 10.593 | VV | 3539   | 47669   | 0.34%  | 0.012% |
| 157    | 10.649 | 10.593 | 10.692 | VV | 764742 | 8661316 | 61.58% | 2.170% |
| 158    | 10.719 | 10.692 | 10.767 | VV | 231131 | 2737041 | 19.46% | 0.686% |
| 159    | 10.806 | 10.767 | 10.843 | VV | 10300  | 268019  | 1.91%  | 0.067% |
| 160    | 10.859 | 10.843 | 10.877 | VV | 3950   | 43727   | 0.31%  | 0.011% |
|        |        |        |        |    |        |         |        |        |
| 161    | 10.890 | 10.877 | 10.910 | VV | 5738   | 67391   | 0.48%  | 0.017% |
| 162    | 10.936 | 10.910 | 10.975 | VV | 35196  | 540152  | 3.84%  | 0.135% |
| 163    | 10.998 | 10.975 | 11.019 | VV | 8327   | 145935  | 1.04%  | 0.037% |
| 164    | 11.039 | 11.019 | 11.062 | VV | 12053  | 198944  | 1.41%  | 0.050% |
| 165    | 11.072 | 11.062 | 11.087 | VV | 6504   | 76801   | 0.55%  | 0.019% |
|        |        |        |        |    |        |         |        |        |
| 166    | 11.109 | 11.087 | 11.127 | VV | 24331  | 339542  | 2.41%  | 0.085% |
| 167    | 11.164 | 11.127 | 11.218 | VV | 45331  | 1044179 | 7.42%  | 0.262% |
| 168    | 11.242 | 11.218 | 11.267 | VV | 13233  | 226376  | 1.61%  | 0.057% |
| 169    | 11.294 | 11.267 | 11.317 | VV | 33333  | 409278  | 2.91%  | 0.103% |
| 170    | 11.335 | 11.317 | 11.357 | VV | 9830   | 132339  | 0.94%  | 0.033% |
|        |        |        |        |    |        |         |        |        |
| 171    | 11.416 | 11.357 | 11.432 | VV | 323267 | 3768529 | 26.80% | 0.944% |
| 172    | 11.444 | 11.432 | 11.459 | VV | 118713 | 1352655 | 9.62%  | 0.339% |
| 173    | 11.475 | 11.459 | 11.517 | VV | 155667 | 1763246 | 12.54% | 0.442% |
| 174    | 11.558 | 11.517 | 11.576 | VV | 156461 | 2451388 | 17.43% | 0.614% |
| 175    | 11.592 | 11.576 | 11.606 | VV | 96143  | 1109975 | 7.89%  | 0.278% |
|        |        |        |        |    |        |         |        |        |
| 176    | 11.623 | 11.606 | 11.660 | VV | 118008 | 1433142 | 10.19% | 0.359% |
| 177    | 11.704 | 11.660 | 11.724 | VV | 6312   | 106871  | 0.76%  | 0.027% |
| 178    | 11.777 | 11.724 | 11.788 | VV | 24283  | 412289  | 2.93%  | 0.103% |
| 179    | 11.803 | 11.788 | 11.820 | VV | 36988  | 461517  | 3.28%  | 0.116% |
| 180    | 11.835 | 11.820 | 11.865 | VV | 18523  | 333839  | 2.37%  | 0.084% |
|        |        |        |        |    |        |         |        |        |
| 181    | 11.881 | 11.865 | 11.890 | VV | 4322   | 57049   | 0.41%  | 0.014% |
| 182    | 11.914 | 11.890 | 11.933 | VV | 61595  | 752196  | 5.35%  | 0.188% |
| 183    | 11.942 | 11.933 | 11.956 | VV | 17350  | 188755  | 1.34%  | 0.047% |
| 184    | 11.975 | 11.956 | 12.002 | VV | 24984  | 388792  | 2.76%  | 0.097% |
| 185    | 12.014 | 12.002 | 12.031 | VV | 4845   | 67732   | 0.48%  | 0.017% |
|        |        |        |        |    |        |         |        |        |
| 186    | 12.058 | 12.031 | 12.075 | VV | 15775  | 238612  | 1.70%  | 0.060% |
| 187    | 12.090 | 12.075 | 12.103 | VV | 12218  | 156916  | 1.12%  | 0.039% |
| 188    | 12.119 | 12.103 | 12.133 | VV | 15278  | 203048  | 1.44%  | 0.051% |
| 189    | 12.162 | 12.133 | 12.174 | VV | 18199  | 339308  | 2.41%  | 0.085% |
| 190    | 12.186 | 12.174 | 12.210 | VV | 25173  | 374355  | 2.66%  | 0.094% |
|        |        |        |        |    |        |         |        |        |
| 191    | 12.232 | 12.210 | 12.271 | VV | 43346  | 802257  | 5.70%  | 0.201% |
| 192    | 12.295 | 12.271 | 12.320 | PV | 38196  | 659135  | 4.69%  | 0.165% |
| 193    | 12.343 | 12.320 | 12.363 | VV | 113491 | 1582040 | 11.25% | 0.396% |
| 194    | 12.380 | 12.363 | 12.397 | VV | 48169  | 773652  | 5.50%  | 0.194% |

|     |        |        |        |    |         |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
|     |        |        |        |    | rteres  |          |         |        |
| 195 | 12.413 | 12.397 | 12.430 | VV | 59091   | 842628   | 5.99%   | 0.211% |
| 196 | 12.468 | 12.430 | 12.503 | VV | 1057757 | 14064172 | 100.00% | 3.524% |
| 197 | 12.519 | 12.503 | 12.537 | VV | 11503   | 136184   | 0.97%   | 0.034% |
| 198 | 12.554 | 12.537 | 12.569 | VV | 11637   | 152325   | 1.08%   | 0.038% |
| 199 | 12.591 | 12.569 | 12.607 | VV | 44316   | 581037   | 4.13%   | 0.146% |
| 200 | 12.639 | 12.607 | 12.658 | VV | 55045   | 1054731  | 7.50%   | 0.264% |
| 201 | 12.676 | 12.658 | 12.725 | VV | 33397   | 939948   | 6.68%   | 0.236% |
| 202 | 12.764 | 12.725 | 12.787 | VV | 922229  | 12315920 | 87.57%  | 3.086% |
| 203 | 12.810 | 12.787 | 12.825 | VV | 98527   | 1205231  | 8.57%   | 0.302% |
| 204 | 12.854 | 12.825 | 12.882 | VV | 252073  | 4055195  | 28.83%  | 1.016% |
| 205 | 12.892 | 12.882 | 12.903 | VV | 13906   | 165036   | 1.17%   | 0.041% |
| 206 | 12.926 | 12.903 | 12.939 | VV | 39530   | 561968   | 4.00%   | 0.141% |
| 207 | 12.950 | 12.939 | 12.980 | VV | 35055   | 493271   | 3.51%   | 0.124% |
| 208 | 13.020 | 12.980 | 13.065 | PV | 70641   | 1243831  | 8.84%   | 0.312% |
| 209 | 13.087 | 13.065 | 13.119 | VV | 41353   | 674880   | 4.80%   | 0.169% |
| 210 | 13.148 | 13.119 | 13.165 | VV | 41737   | 584125   | 4.15%   | 0.146% |
| 211 | 13.210 | 13.165 | 13.283 | VV | 87305   | 1940756  | 13.80%  | 0.486% |
| 212 | 13.341 | 13.283 | 13.376 | VV | 222945  | 3685598  | 26.21%  | 0.924% |
| 213 | 13.408 | 13.376 | 13.423 | VV | 20678   | 407073   | 2.89%   | 0.102% |
| 214 | 13.448 | 13.423 | 13.469 | VV | 138015  | 1882511  | 13.39%  | 0.472% |
| 215 | 13.487 | 13.469 | 13.509 | VV | 120654  | 1497763  | 10.65%  | 0.375% |
| 216 | 13.524 | 13.509 | 13.554 | VV | 38200   | 632850   | 4.50%   | 0.159% |
| 217 | 13.614 | 13.554 | 13.635 | VV | 124762  | 2442279  | 17.37%  | 0.612% |
| 218 | 13.654 | 13.635 | 13.707 | VV | 97243   | 1372762  | 9.76%   | 0.344% |
| 219 | 13.729 | 13.707 | 13.750 | VV | 17013   | 271038   | 1.93%   | 0.068% |
| 220 | 13.772 | 13.750 | 13.788 | VV | 6912    | 124167   | 0.88%   | 0.031% |
| 221 | 13.798 | 13.788 | 13.809 | VV | 8209    | 77499    | 0.55%   | 0.019% |
| 222 | 13.831 | 13.809 | 13.885 | VV | 7786    | 259633   | 1.85%   | 0.065% |
| 223 | 13.922 | 13.885 | 13.940 | VV | 8663    | 149199   | 1.06%   | 0.037% |
| 224 | 13.959 | 13.940 | 13.985 | VV | 6780    | 129522   | 0.92%   | 0.032% |
| 225 | 14.035 | 13.985 | 14.055 | VV | 42266   | 958262   | 6.81%   | 0.240% |
| 226 | 14.073 | 14.055 | 14.113 | VV | 58938   | 1024286  | 7.28%   | 0.257% |
| 227 | 14.171 | 14.113 | 14.224 | VV | 51248   | 1506474  | 10.71%  | 0.377% |
| 228 | 14.249 | 14.224 | 14.288 | VV | 92343   | 1726803  | 12.28%  | 0.433% |
| 229 | 14.313 | 14.288 | 14.334 | VV | 167101  | 2234064  | 15.88%  | 0.560% |
| 230 | 14.376 | 14.334 | 14.414 | VV | 61739   | 1462552  | 10.40%  | 0.366% |
| 231 | 14.438 | 14.414 | 14.452 | VV | 20339   | 341906   | 2.43%   | 0.086% |
| 232 | 14.495 | 14.452 | 14.543 | VV | 41139   | 994074   | 7.07%   | 0.249% |
| 233 | 14.576 | 14.543 | 14.593 | PV | 27352   | 378946   | 2.69%   | 0.095% |
| 234 | 14.630 | 14.593 | 14.650 | VV | 466236  | 6698708  | 47.63%  | 1.679% |
| 235 | 14.674 | 14.650 | 14.695 | VV | 530061  | 6610880  | 47.01%  | 1.657% |
| 236 | 14.711 | 14.695 | 14.740 | VV | 29076   | 461602   | 3.28%   | 0.116% |
| 237 | 14.784 | 14.740 | 14.810 | VV | 146903  | 2193252  | 15.59%  | 0.550% |
| 238 | 14.824 | 14.810 | 14.844 | VV | 29863   | 478507   | 3.40%   | 0.120% |
| 239 | 14.862 | 14.844 | 14.899 | VV | 28644   | 510007   | 3.63%   | 0.128% |
| 240 | 14.933 | 14.899 | 14.947 | VV | 44713   | 731198   | 5.20%   | 0.183% |
| 241 | 14.960 | 14.947 | 15.018 | VV | 34589   | 950079   | 6.76%   | 0.238% |
| 242 | 15.077 | 15.018 | 15.152 | VV | 36641   | 1597935  | 11.36%  | 0.400% |
| 243 | 15.222 | 15.152 | 15.235 | VV | 25710   | 836930   | 5.95%   | 0.210% |
| 244 | 15.250 | 15.235 | 15.270 | VV | 32651   | 510949   | 3.63%   | 0.128% |
| 245 | 15.296 | 15.270 | 15.317 | VV | 147249  | 2023460  | 14.39%  | 0.507% |
| 246 | 15.334 | 15.317 | 15.360 | VV | 68144   | 1054997  | 7.50%   | 0.264% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 15.378 | 15.360 | 15.400 | VV | 38413  | 627110   | 4.46%  | 0.157% |
| 248    | 15.456 | 15.400 | 15.496 | VV | 99285  | 2791887  | 19.85% | 0.700% |
| 249    | 15.532 | 15.496 | 15.559 | VV | 35766  | 673487   | 4.79%  | 0.169% |
| 250    | 15.573 | 15.559 | 15.590 | VV | 13749  | 172864   | 1.23%  | 0.043% |
|        |        |        |        |    |        |          |        |        |
| 251    | 15.616 | 15.590 | 15.638 | VV | 28820  | 407782   | 2.90%  | 0.102% |
| 252    | 15.658 | 15.638 | 15.673 | VV | 16178  | 224349   | 1.60%  | 0.056% |
| 253    | 15.691 | 15.673 | 15.700 | VV | 16895  | 218196   | 1.55%  | 0.055% |
| 254    | 15.723 | 15.700 | 15.757 | VV | 43210  | 742537   | 5.28%  | 0.186% |
| 255    | 15.792 | 15.757 | 15.810 | VV | 8910   | 189966   | 1.35%  | 0.048% |
|        |        |        |        |    |        |          |        |        |
| 256    | 15.823 | 15.810 | 15.849 | VV | 7511   | 98784    | 0.70%  | 0.025% |
| 257    | 15.898 | 15.849 | 15.919 | PV | 30183  | 650336   | 4.62%  | 0.163% |
| 258    | 15.931 | 15.919 | 15.945 | VV | 18878  | 251919   | 1.79%  | 0.063% |
| 259    | 15.968 | 15.945 | 15.982 | VV | 30340  | 454066   | 3.23%  | 0.114% |
| 260    | 15.999 | 15.982 | 16.030 | VV | 25186  | 585399   | 4.16%  | 0.147% |
|        |        |        |        |    |        |          |        |        |
| 261    | 16.042 | 16.030 | 16.052 | VV | 21066  | 237165   | 1.69%  | 0.059% |
| 262    | 16.095 | 16.052 | 16.142 | VV | 40817  | 1360075  | 9.67%  | 0.341% |
| 263    | 16.189 | 16.142 | 16.260 | VV | 474585 | 11198721 | 79.63% | 2.806% |
| 264    | 16.311 | 16.260 | 16.333 | VV | 122569 | 2067382  | 14.70% | 0.518% |
| 265    | 16.351 | 16.333 | 16.379 | VV | 31781  | 710574   | 5.05%  | 0.178% |
|        |        |        |        |    |        |          |        |        |
| 266    | 16.395 | 16.379 | 16.411 | VV | 22927  | 373168   | 2.65%  | 0.094% |
| 267    | 16.428 | 16.411 | 16.444 | VV | 33293  | 487454   | 3.47%  | 0.122% |
| 268    | 16.506 | 16.444 | 16.531 | VV | 319964 | 6225611  | 44.27% | 1.560% |
| 269    | 16.568 | 16.531 | 16.602 | VV | 414966 | 6563589  | 46.67% | 1.645% |
| 270    | 16.662 | 16.602 | 16.697 | VV | 156764 | 3520350  | 25.03% | 0.882% |
|        |        |        |        |    |        |          |        |        |
| 271    | 16.714 | 16.697 | 16.740 | VV | 49542  | 980605   | 6.97%  | 0.246% |
| 272    | 16.775 | 16.740 | 16.783 | VV | 43409  | 893932   | 6.36%  | 0.224% |
| 273    | 16.807 | 16.783 | 16.845 | VV | 61576  | 1800708  | 12.80% | 0.451% |
| 274    | 16.861 | 16.845 | 16.879 | VV | 42970  | 736570   | 5.24%  | 0.185% |
| 275    | 16.925 | 16.879 | 17.001 | VV | 94613  | 4127240  | 29.35% | 1.034% |
|        |        |        |        |    |        |          |        |        |
| 276    | 17.019 | 17.001 | 17.030 | VV | 38358  | 583237   | 4.15%  | 0.146% |
| 277    | 17.059 | 17.030 | 17.072 | VV | 72650  | 1479673  | 10.52% | 0.371% |
| 278    | 17.080 | 17.072 | 17.102 | VV | 68445  | 997683   | 7.09%  | 0.250% |
| 279    | 17.127 | 17.102 | 17.162 | VV | 64646  | 1998665  | 14.21% | 0.501% |
| 280    | 17.174 | 17.162 | 17.192 | VV | 49406  | 776344   | 5.52%  | 0.195% |
|        |        |        |        |    |        |          |        |        |
| 281    | 17.216 | 17.192 | 17.245 | VV | 88516  | 1956877  | 13.91% | 0.490% |
| 282    | 17.257 | 17.245 | 17.298 | VV | 47375  | 1373033  | 9.76%  | 0.344% |
| 283    | 17.335 | 17.298 | 17.360 | VV | 48323  | 1433373  | 10.19% | 0.359% |
| 284    | 17.399 | 17.360 | 17.419 | VV | 40888  | 1187147  | 8.44%  | 0.297% |
| 285    | 17.446 | 17.419 | 17.454 | VV | 40355  | 751803   | 5.35%  | 0.188% |
|        |        |        |        |    |        |          |        |        |
| 286    | 17.486 | 17.454 | 17.500 | VV | 45781  | 1199573  | 8.53%  | 0.301% |
| 287    | 17.515 | 17.500 | 17.533 | VV | 64158  | 1091944  | 7.76%  | 0.274% |
| 288    | 17.553 | 17.533 | 17.607 | VV | 89396  | 2556044  | 18.17% | 0.641% |
| 289    | 17.650 | 17.607 | 17.664 | VV | 62360  | 1731261  | 12.31% | 0.434% |
| 290    | 17.691 | 17.664 | 17.761 | VV | 96102  | 4054542  | 28.83% | 1.016% |
|        |        |        |        |    |        |          |        |        |
| 291    | 17.784 | 17.761 | 17.801 | VV | 52341  | 1121815  | 7.98%  | 0.281% |
| 292    | 17.838 | 17.801 | 17.902 | VV | 111431 | 4028537  | 28.64% | 1.009% |
| 293    | 17.935 | 17.902 | 17.957 | VV | 296493 | 5154835  | 36.65% | 1.292% |
| 294    | 17.978 | 17.957 | 18.000 | VV | 118344 | 2484092  | 17.66% | 0.622% |
| 295    | 18.016 | 18.000 | 18.032 | VV | 74470  | 1249280  | 8.88%  | 0.313% |
|        |        |        |        |    |        |          |        |        |
| 296    | 18.058 | 18.032 | 18.079 | VV | 141946 | 2812440  | 20.00% | 0.705% |
| 297    | 18.096 | 18.079 | 18.154 | VV | 103046 | 3348682  | 23.81% | 0.839% |
| 298    | 18.190 | 18.154 | 18.236 | VV | 295853 | 5726459  | 40.72% | 1.435% |
| 299    | 18.268 | 18.236 | 18.292 | VV | 73580  | 2127311  | 15.13% | 0.533% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 300    | 18.317 | 18.292 | 18.356 | VV | 142423 | 3095793 | 22.01% | 0.776% |
| 301    | 18.383 | 18.356 | 18.420 | VV | 83289  | 2452833 | 17.44% | 0.615% |
| 302    | 18.437 | 18.420 | 18.454 | VV | 55470  | 1056351 | 7.51%  | 0.265% |
| 303    | 18.476 | 18.454 | 18.505 | VV | 81014  | 2140387 | 15.22% | 0.536% |
| 304    | 18.526 | 18.505 | 18.565 | VV | 83754  | 2461380 | 17.50% | 0.617% |
| 305    | 18.578 | 18.565 | 18.594 | VV | 60531  | 984218  | 7.00%  | 0.247% |
| 306    | 18.614 | 18.594 | 18.632 | VV | 79715  | 1634613 | 11.62% | 0.410% |
| 307    | 18.644 | 18.632 | 18.660 | VV | 73394  | 1139160 | 8.10%  | 0.285% |
| 308    | 18.696 | 18.660 | 18.727 | VV | 83663  | 2725823 | 19.38% | 0.683% |
| 309    | 18.753 | 18.727 | 18.764 | VV | 72941  | 1462558 | 10.40% | 0.366% |
| 310    | 18.786 | 18.764 | 18.835 | VV | 101920 | 3443340 | 24.48% | 0.863% |
| 311    | 18.873 | 18.835 | 18.924 | VV | 93930  | 3879177 | 27.58% | 0.972% |
| 312    | 18.941 | 18.924 | 18.953 | VV | 65049  | 1034906 | 7.36%  | 0.259% |
| 313    | 18.985 | 18.953 | 19.002 | VV | 70590  | 1840820 | 13.09% | 0.461% |
| 314    | 19.013 | 19.002 | 19.022 | VV | 65369  | 735092  | 5.23%  | 0.184% |
| 315    | 19.043 | 19.022 | 19.061 | VV | 71425  | 1473494 | 10.48% | 0.369% |
| 316    | 19.110 | 19.061 | 19.122 | VV | 60666  | 2103080 | 14.95% | 0.527% |
| 317    | 19.134 | 19.122 | 19.143 | VV | 64419  | 735834  | 5.23%  | 0.184% |
| 318    | 19.174 | 19.143 | 19.247 | VV | 101641 | 4792738 | 34.08% | 1.201% |
| 319    | 19.278 | 19.247 | 19.305 | VV | 91822  | 2672960 | 19.01% | 0.670% |
| 320    | 19.342 | 19.305 | 19.377 | VV | 143261 | 4334037 | 30.82% | 1.086% |
| 321    | 19.410 | 19.377 | 19.444 | VV | 146857 | 4433462 | 31.52% | 1.111% |
| 322    | 19.464 | 19.444 | 19.479 | VV | 99413  | 1968248 | 13.99% | 0.493% |
| 323    | 19.500 | 19.479 | 19.523 | VV | 110210 | 2610633 | 18.56% | 0.654% |
| 324    | 19.542 | 19.523 | 19.575 | VV | 115631 | 3084458 | 21.93% | 0.773% |
| 325    | 19.583 | 19.575 | 19.605 | VV | 97856  | 1591815 | 11.32% | 0.399% |
| 326    | 19.618 | 19.605 | 19.637 | VV | 93878  | 1587238 | 11.29% | 0.398% |
| 327    | 19.648 | 19.637 | 19.663 | VV | 83746  | 1248347 | 8.88%  | 0.313% |
| 328    | 19.724 | 19.663 | 19.759 | VV | 153952 | 6327301 | 44.99% | 1.586% |
| 329    | 19.792 | 19.759 | 19.827 | VV | 124323 | 4429225 | 31.49% | 1.110% |
| 330    | 19.850 | 19.827 | 19.858 | VV | 105689 | 1908491 | 13.57% | 0.478% |
| 331    | 19.868 | 19.858 | 19.887 | VV | 110952 | 1720559 | 12.23% | 0.431% |
| 332    | 19.912 | 19.887 | 19.933 | VV | 114386 | 2792788 | 19.86% | 0.700% |
| 333    | 19.970 | 19.933 | 20.019 | VV | 106118 | 5041487 | 35.85% | 1.263% |
| 334    | 20.035 | 20.019 | 20.050 | VV | 108706 | 1895045 | 13.47% | 0.475% |
| 335    | 20.072 | 20.050 | 20.120 | VV | 107055 | 4195068 | 29.83% | 1.051% |
| 336    | 20.147 | 20.120 | 20.160 | VV | 101875 | 2373901 | 16.88% | 0.595% |
| 337    | 20.174 | 20.160 | 20.195 | VV | 101493 | 1967171 | 13.99% | 0.493% |
| 338    | 20.209 | 20.195 | 20.222 | VV | 101295 | 1514335 | 10.77% | 0.379% |
| 339    | 20.269 | 20.222 | 20.294 | VV | 122717 | 4544355 | 32.31% | 1.139% |
| 340    | 20.302 | 20.294 | 20.317 | VV | 112831 | 1447181 | 10.29% | 0.363% |
| 341    | 20.356 | 20.317 | 20.363 | VV | 113248 | 2888451 | 20.54% | 0.724% |
| 342    | 20.375 | 20.363 | 20.400 | VV | 116460 | 2339860 | 16.64% | 0.586% |
| 343    | 20.412 | 20.400 | 20.432 | VV | 105105 | 1865654 | 13.27% | 0.468% |
| 344    | 20.446 | 20.432 | 20.477 | VV | 93354  | 2440473 | 17.35% | 0.612% |
| 345    | 20.496 | 20.477 | 20.520 | VV | 96369  | 2339262 | 16.63% | 0.586% |
| 346    | 20.536 | 20.520 | 20.552 | VV | 89766  | 1621075 | 11.53% | 0.406% |
| 347    | 20.576 | 20.552 | 20.594 | VV | 89654  | 2079497 | 14.79% | 0.521% |
| 348    | 20.627 | 20.594 | 20.677 | VV | 96824  | 4173852 | 29.68% | 1.046% |
| 349    | 20.698 | 20.677 | 20.707 | VV | 76941  | 1325943 | 9.43%  | 0.332% |
| 350    | 20.731 | 20.707 | 20.752 | VV | 77092  | 1918677 | 13.64% | 0.481% |
| 351    | 20.768 | 20.752 | 20.799 | VV | 68185  | 1781760 | 12.67% | 0.446% |

|     |        |        |        |    |                         |         |        |        |           |
|-----|--------|--------|--------|----|-------------------------|---------|--------|--------|-----------|
|     |        |        |        |    |                         | rteres  |        |        |           |
| 352 | 20.809 | 20.799 | 20.817 | VV | 69510                   | 695410  | 4.94%  | 0.174% |           |
| 353 | 20.825 | 20.817 | 20.837 | VV | 62686                   | 695886  | 4.95%  | 0.174% |           |
| 354 | 20.875 | 20.837 | 20.957 | VV | 63655                   | 4235443 | 30.12% | 1.061% |           |
| 355 | 20.966 | 20.957 | 20.980 | VV | 61332                   | 765418  | 5.44%  | 0.192% |           |
| 356 | 20.988 | 20.980 | 21.005 | VV | 57342                   | 803339  | 5.71%  | 0.201% |           |
| 357 | 21.032 | 21.005 | 21.064 | VV | 67632                   | 2098883 | 14.92% | 0.526% |           |
| 358 | 21.067 | 21.064 | 21.115 | VV | 61736                   | 1522950 | 10.83% | 0.382% |           |
| 359 | 21.135 | 21.115 | 21.159 | VV | 50810                   | 1142521 | 8.12%  | 0.286% |           |
| 360 | 21.164 | 21.159 | 21.194 | VV | 37770                   | 717900  | 5.10%  | 0.180% |           |
| 361 | 21.242 | 21.194 | 21.260 | VV | 42197                   | 1371511 | 9.75%  | 0.344% |           |
| 362 | 21.276 | 21.260 | 21.319 | VV | 32758                   | 913674  | 6.50%  | 0.229% |           |
| 363 | 21.349 | 21.319 | 21.392 | VV | 32586                   | 999861  | 7.11%  | 0.251% |           |
| 364 | 21.398 | 21.392 | 21.405 | VV | 20061                   | 135172  | 0.96%  | 0.034% |           |
| 365 | 21.415 | 21.405 | 21.440 | VV | 24145                   | 405599  | 2.88%  | 0.102% |           |
| 366 | 21.473 | 21.440 | 21.516 | VV | 29205                   | 901067  | 6.41%  | 0.226% |           |
| 367 | 21.531 | 21.516 | 21.542 | VV | 15992                   | 174297  | 1.24%  | 0.044% |           |
| 368 | 21.549 | 21.542 | 21.569 | VV | 13102                   | 136878  | 0.97%  | 0.034% |           |
|     |        |        |        |    | Sum of corrected areas: |         |        |        | 399066414 |

Alaphatic EPH 082118.M Wed Aug 29 08:55:15 2018 RPT-1