

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120718AR\  
 Data File : FD026782.D  
 Signal(s) : FID2B.CH  
 Acq On : 08 Dec 2018 3:48  
 Sample : J6237-01  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 120718.M  
 Title : GC Extractables

Signal : FID2B.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         | 1.526       | 1.509        | 1.617      | BV       | 1345           | 6900         | 0.18%          | 0.014%        |
| 2         | 1.624       | 1.617        | 1.676      | PV       | 567            | 4297         | 0.11%          | 0.009%        |
| 3         | 1.691       | 1.676        | 1.799      | PV       | 39838          | 224932       | 5.78%          | 0.458%        |
| 4         | 1.807       | 1.799        | 1.831      | VV       | 2075           | 14076        | 0.36%          | 0.029%        |
| 5         | 1.839       | 1.831        | 1.895      | VV       | 1117           | 12238        | 0.31%          | 0.025%        |
| 6         | 1.904       | 1.895        | 1.934      | VV       | 622            | 4491         | 0.12%          | 0.009%        |
| 7         | 1.944       | 1.934        | 1.984      | PV       | 1091           | 8260         | 0.21%          | 0.017%        |
| 8         | 1.991       | 1.984        | 2.084      | VV       | 671            | 1707         | 0.04%          | 0.003%        |
| 9         | 2.231       | 2.223        | 2.271      | VV       | 159            | 2449         | 0.06%          | 0.005%        |
| 10        | 2.275       | 2.271        | 2.290      | VV       | 185            | 1666         | 0.04%          | 0.003%        |
| 11        | 2.308       | 2.290        | 2.341      | PV       | 1678           | 15336        | 0.39%          | 0.031%        |
| 12        | 2.353       | 2.341        | 2.455      | VV       | 651            | 8037         | 0.21%          | 0.016%        |
| 13        | 2.470       | 2.455        | 2.516      | PV       | 604            | 6140         | 0.16%          | 0.013%        |
| 14        | 2.529       | 2.516        | 2.604      | PV       | 170            | 4273         | 0.11%          | 0.009%        |
| 15        | 2.621       | 2.604        | 2.694      | VV       | 262            | 7798         | 0.20%          | 0.016%        |
| 16        | 2.718       | 2.694        | 2.749      | PV       | 949            | 10039        | 0.26%          | 0.020%        |
| 17        | 2.757       | 2.749        | 2.784      | VV       | 191            | 2348         | 0.06%          | 0.005%        |
| 18        | 2.793       | 2.784        | 2.831      | PV       | 183            | 2540         | 0.07%          | 0.005%        |
| 19        | 2.837       | 2.831        | 2.852      | VV       | 169            | 1259         | 0.03%          | 0.003%        |
| 20        | 2.864       | 2.852        | 2.929      | VV       | 472            | 5232         | 0.13%          | 0.011%        |
| 21        | 2.944       | 2.929        | 3.043      | PV       | 132            | 1704         | 0.04%          | 0.003%        |
| 22        | 3.049       | 3.043        | 3.176      | VV       | 124            | 2467         | 0.06%          | 0.005%        |
| 23        | 3.187       | 3.176        | 3.221      | PV       | 145            | 1294         | 0.03%          | 0.003%        |
| 24        | 3.232       | 3.221        | 3.250      | VV       | 115            | 1163         | 0.03%          | 0.002%        |
| 25        | 3.269       | 3.250        | 3.332      | VV       | 241            | 5013         | 0.13%          | 0.010%        |
| 26        | 3.343       | 3.332        | 3.371      | PV       | 143            | 2777         | 0.07%          | 0.006%        |
| 27        | 3.385       | 3.371        | 3.446      | VV       | 673            | 10426        | 0.27%          | 0.021%        |
| 28        | 3.468       | 3.446        | 3.524      | VV       | 275            | 6061         | 0.16%          | 0.012%        |
| 29        | 3.529       | 3.524        | 3.551      | VV       | 146            | 1570         | 0.04%          | 0.003%        |
| 30        | 3.565       | 3.551        | 3.597      | PV       | 152            | 2903         | 0.07%          | 0.006%        |
| 31        | 3.617       | 3.597        | 3.647      | VV       | 255            | 3499         | 0.09%          | 0.007%        |
| 32        | 3.657       | 3.647        | 3.680      | VV       | 138            | 1942         | 0.05%          | 0.004%        |
| 33        | 3.696       | 3.680        | 3.726      | VV       | 177            | 2314         | 0.06%          | 0.005%        |
| 34        | 3.757       | 3.726        | 3.799      | PV       | 344            | 6028         | 0.15%          | 0.012%        |
| 35        | 3.805       | 3.799        | 3.833      | VV       | 119            | 1807         | 0.05%          | 0.004%        |
| 36        | 3.846       | 3.833        | 3.906      | VV       | 168            | 5018         | 0.13%          | 0.010%        |

| rteres.txt |       |       |       |    |      |       |       |        |
|------------|-------|-------|-------|----|------|-------|-------|--------|
| 37         | 3.914 | 3.906 | 3.935 | VV | 243  | 2643  | 0.07% | 0.005% |
| 38         | 3.953 | 3.935 | 3.970 | VV | 280  | 3343  | 0.09% | 0.007% |
| 39         | 3.984 | 3.970 | 4.026 | VV | 206  | 4138  | 0.11% | 0.008% |
| 40         | 4.073 | 4.026 | 4.090 | VV | 330  | 7668  | 0.20% | 0.016% |
| 41         | 4.109 | 4.090 | 4.125 | VV | 237  | 4145  | 0.11% | 0.008% |
| 42         | 4.153 | 4.125 | 4.208 | VV | 570  | 13113 | 0.34% | 0.027% |
| 43         | 4.220 | 4.208 | 4.236 | VV | 332  | 3798  | 0.10% | 0.008% |
| 44         | 4.268 | 4.236 | 4.294 | VV | 456  | 8802  | 0.23% | 0.018% |
| 45         | 4.308 | 4.294 | 4.334 | VV | 536  | 8284  | 0.21% | 0.017% |
| 46         | 4.343 | 4.334 | 4.393 | VV | 337  | 8887  | 0.23% | 0.018% |
| 47         | 4.407 | 4.393 | 4.474 | VV | 276  | 6211  | 0.16% | 0.013% |
| 48         | 4.498 | 4.474 | 4.511 | VV | 323  | 4387  | 0.11% | 0.009% |
| 49         | 4.521 | 4.511 | 4.592 | VV | 248  | 8633  | 0.22% | 0.018% |
| 50         | 4.609 | 4.592 | 4.651 | VV | 200  | 4964  | 0.13% | 0.010% |
| 51         | 4.674 | 4.665 | 4.690 | VV | 174  | 1631  | 0.04% | 0.003% |
| 52         | 4.706 | 4.690 | 4.734 | VV | 200  | 2854  | 0.07% | 0.006% |
| 53         | 4.784 | 4.734 | 4.814 | VV | 1052 | 16881 | 0.43% | 0.034% |
| 54         | 4.843 | 4.814 | 4.884 | PV | 510  | 14118 | 0.36% | 0.029% |
| 55         | 4.896 | 4.884 | 4.921 | VV | 269  | 4332  | 0.11% | 0.009% |
| 56         | 4.974 | 4.921 | 4.989 | PV | 517  | 8201  | 0.21% | 0.017% |
| 57         | 5.006 | 4.989 | 5.036 | VV | 1145 | 14239 | 0.37% | 0.029% |
| 58         | 5.062 | 5.036 | 5.097 | VV | 583  | 10788 | 0.28% | 0.022% |
| 59         | 5.108 | 5.097 | 5.135 | VV | 201  | 2650  | 0.07% | 0.005% |
| 60         | 5.151 | 5.135 | 5.165 | VV | 175  | 1876  | 0.05% | 0.004% |
| 61         | 5.187 | 5.165 | 5.211 | VV | 643  | 12490 | 0.32% | 0.025% |
| 62         | 5.228 | 5.211 | 5.249 | VV | 1065 | 11028 | 0.28% | 0.022% |
| 63         | 5.257 | 5.249 | 5.269 | VV | 205  | 1595  | 0.04% | 0.003% |
| 64         | 5.287 | 5.269 | 5.319 | VV | 373  | 4627  | 0.12% | 0.009% |
| 65         | 5.358 | 5.319 | 5.384 | VV | 624  | 13425 | 0.34% | 0.027% |
| 66         | 5.397 | 5.384 | 5.412 | VV | 303  | 3533  | 0.09% | 0.007% |
| 67         | 5.422 | 5.412 | 5.439 | VV | 284  | 2804  | 0.07% | 0.006% |
| 68         | 5.457 | 5.439 | 5.497 | VV | 445  | 10244 | 0.26% | 0.021% |
| 69         | 5.509 | 5.497 | 5.524 | VV | 375  | 3085  | 0.08% | 0.006% |
| 70         | 5.547 | 5.524 | 5.562 | VV | 377  | 5876  | 0.15% | 0.012% |
| 71         | 5.571 | 5.562 | 5.580 | VV | 313  | 2782  | 0.07% | 0.006% |
| 72         | 5.592 | 5.580 | 5.621 | VV | 430  | 5967  | 0.15% | 0.012% |
| 73         | 5.637 | 5.621 | 5.652 | VV | 515  | 4762  | 0.12% | 0.010% |
| 74         | 5.682 | 5.652 | 5.702 | VV | 956  | 14814 | 0.38% | 0.030% |
| 75         | 5.717 | 5.702 | 5.739 | VV | 1548 | 17432 | 0.45% | 0.036% |
| 76         | 5.758 | 5.739 | 5.774 | VV | 630  | 11432 | 0.29% | 0.023% |
| 77         | 5.783 | 5.774 | 5.796 | VV | 587  | 7067  | 0.18% | 0.014% |
| 78         | 5.813 | 5.796 | 5.837 | VV | 1256 | 19648 | 0.50% | 0.040% |
| 79         | 5.858 | 5.837 | 5.877 | VV | 1412 | 23970 | 0.62% | 0.049% |
| 80         | 5.897 | 5.877 | 5.927 | VV | 1806 | 31715 | 0.81% | 0.065% |
| 81         | 5.937 | 5.927 | 5.950 | VV | 862  | 9929  | 0.26% | 0.020% |
| 82         | 5.979 | 5.950 | 6.034 | VV | 804  | 24867 | 0.64% | 0.051% |
| 83         | 6.075 | 6.034 | 6.090 | VV | 899  | 19719 | 0.51% | 0.040% |
| 84         | 6.099 | 6.090 | 6.138 | VV | 815  | 14002 | 0.36% | 0.029% |
| 85         | 6.164 | 6.138 | 6.187 | VV | 1029 | 14608 | 0.38% | 0.030% |
| 86         | 6.196 | 6.187 | 6.212 | VV | 449  | 4174  | 0.11% | 0.009% |
| 87         | 6.237 | 6.212 | 6.256 | PV | 1214 | 18121 | 0.47% | 0.037% |
| 88         | 6.279 | 6.256 | 6.292 | VV | 968  | 16877 | 0.43% | 0.034% |
| 89         | 6.311 | 6.292 | 6.327 | VV | 941  | 16077 | 0.41% | 0.033% |

|     |       |       |       |    |            |         |         |        |
|-----|-------|-------|-------|----|------------|---------|---------|--------|
|     |       |       |       |    | rteres.txt |         |         |        |
| 90  | 6.351 | 6.327 | 6.372 | VV | 1559       | 27035   | 0.69%   | 0.055% |
| 91  | 6.401 | 6.372 | 6.416 | VV | 1034       | 17945   | 0.46%   | 0.037% |
| 92  | 6.430 | 6.416 | 6.446 | VV | 1266       | 14362   | 0.37%   | 0.029% |
| 93  | 6.470 | 6.446 | 6.491 | VV | 1418       | 22344   | 0.57%   | 0.046% |
| 94  | 6.507 | 6.491 | 6.521 | VV | 1095       | 13269   | 0.34%   | 0.027% |
| 95  | 6.546 | 6.521 | 6.562 | VV | 1643       | 26989   | 0.69%   | 0.055% |
| 96  | 6.574 | 6.562 | 6.590 | VV | 1049       | 13944   | 0.36%   | 0.028% |
| 97  | 6.607 | 6.590 | 6.620 | VV | 1126       | 14293   | 0.37%   | 0.029% |
| 98  | 6.639 | 6.620 | 6.652 | VV | 1288       | 18169   | 0.47%   | 0.037% |
| 99  | 6.671 | 6.652 | 6.690 | VV | 2531       | 41523   | 1.07%   | 0.085% |
| 100 | 6.709 | 6.690 | 6.744 | VV | 2963       | 57318   | 1.47%   | 0.117% |
| 101 | 6.766 | 6.744 | 6.784 | VV | 3470       | 50125   | 1.29%   | 0.102% |
| 102 | 6.792 | 6.784 | 6.809 | VV | 1714       | 19999   | 0.51%   | 0.041% |
| 103 | 6.821 | 6.809 | 6.837 | VV | 1514       | 20298   | 0.52%   | 0.041% |
| 104 | 6.864 | 6.837 | 6.884 | VV | 3344       | 61336   | 1.58%   | 0.125% |
| 105 | 6.898 | 6.884 | 6.908 | VV | 2583       | 30665   | 0.79%   | 0.062% |
| 106 | 6.917 | 6.908 | 6.934 | VV | 2627       | 30984   | 0.80%   | 0.063% |
| 107 | 6.947 | 6.934 | 6.991 | VV | 1761       | 47269   | 1.21%   | 0.096% |
| 108 | 7.006 | 6.991 | 7.024 | VV | 1290       | 22104   | 0.57%   | 0.045% |
| 109 | 7.071 | 7.024 | 7.096 | VV | 2842       | 81470   | 2.09%   | 0.166% |
| 110 | 7.130 | 7.096 | 7.139 | VV | 2781       | 53224   | 1.37%   | 0.108% |
| 111 | 7.151 | 7.139 | 7.191 | VV | 2974       | 64830   | 1.67%   | 0.132% |
| 112 | 7.216 | 7.191 | 7.231 | VV | 2029       | 42708   | 1.10%   | 0.087% |
| 113 | 7.249 | 7.231 | 7.279 | VV | 3299       | 67461   | 1.73%   | 0.137% |
| 114 | 7.297 | 7.279 | 7.330 | VV | 3484       | 66193   | 1.70%   | 0.135% |
| 115 | 7.381 | 7.330 | 7.423 | VV | 408793     | 3892933 | 100.00% | 7.931% |
| 116 | 7.438 | 7.423 | 7.452 | VV | 3162       | 49519   | 1.27%   | 0.101% |
| 117 | 7.498 | 7.452 | 7.524 | VV | 4765       | 154633  | 3.97%   | 0.315% |
| 118 | 7.540 | 7.524 | 7.557 | VV | 3378       | 54310   | 1.40%   | 0.111% |
| 119 | 7.569 | 7.557 | 7.579 | VV | 2602       | 32046   | 0.82%   | 0.065% |
| 120 | 7.590 | 7.579 | 7.604 | VV | 2821       | 39626   | 1.02%   | 0.081% |
| 121 | 7.642 | 7.604 | 7.659 | VV | 4703       | 114347  | 2.94%   | 0.233% |
| 122 | 7.672 | 7.659 | 7.685 | VV | 4501       | 59889   | 1.54%   | 0.122% |
| 123 | 7.695 | 7.685 | 7.721 | VV | 4116       | 71838   | 1.85%   | 0.146% |
| 124 | 7.739 | 7.721 | 7.761 | VV | 5309       | 101032  | 2.60%   | 0.206% |
| 125 | 7.772 | 7.761 | 7.797 | VV | 5212       | 81320   | 2.09%   | 0.166% |
| 126 | 7.816 | 7.797 | 7.830 | VV | 3980       | 65455   | 1.68%   | 0.133% |
| 127 | 7.855 | 7.830 | 7.870 | VV | 8106       | 129218  | 3.32%   | 0.263% |
| 128 | 7.881 | 7.870 | 7.907 | VV | 5866       | 95550   | 2.45%   | 0.195% |
| 129 | 7.914 | 7.907 | 7.927 | VV | 3375       | 39466   | 1.01%   | 0.080% |
| 130 | 7.950 | 7.927 | 7.960 | VV | 4041       | 70214   | 1.80%   | 0.143% |
| 131 | 8.007 | 7.960 | 8.067 | VV | 6575       | 292677  | 7.52%   | 0.596% |
| 132 | 8.091 | 8.067 | 8.114 | VV | 9877       | 166442  | 4.28%   | 0.339% |
| 133 | 8.124 | 8.114 | 8.140 | VV | 5659       | 71616   | 1.84%   | 0.146% |
| 134 | 8.157 | 8.140 | 8.171 | VV | 4671       | 71365   | 1.83%   | 0.145% |
| 135 | 8.187 | 8.171 | 8.202 | VV | 4853       | 85611   | 2.20%   | 0.174% |
| 136 | 8.231 | 8.202 | 8.281 | VV | 279073     | 2757289 | 70.83%  | 5.618% |
| 137 | 8.327 | 8.281 | 8.366 | VV | 21068      | 394552  | 10.14%  | 0.804% |
| 138 | 8.384 | 8.366 | 8.427 | VV | 9408       | 221911  | 5.70%   | 0.452% |
| 139 | 8.445 | 8.427 | 8.467 | VV | 8233       | 144880  | 3.72%   | 0.295% |
| 140 | 8.492 | 8.467 | 8.511 | VV | 6592       | 136467  | 3.51%   | 0.278% |
| 141 | 8.527 | 8.511 | 8.538 | VV | 5526       | 81848   | 2.10%   | 0.167% |

| rteres.txt |        |        |        |    |       |        |       |        |
|------------|--------|--------|--------|----|-------|--------|-------|--------|
| 142        | 8.572  | 8.538  | 8.586  | VV | 10384 | 205881 | 5.29% | 0.419% |
| 143        | 8.600  | 8.586  | 8.629  | VV | 9966  | 172723 | 4.44% | 0.352% |
| 144        | 8.646  | 8.629  | 8.655  | VV | 5413  | 76883  | 1.97% | 0.157% |
| 145        | 8.672  | 8.655  | 8.722  | VV | 7181  | 211951 | 5.44% | 0.432% |
| 146        | 8.739  | 8.722  | 8.755  | VV | 8890  | 123486 | 3.17% | 0.252% |
| 147        | 8.780  | 8.755  | 8.816  | VV | 8993  | 227378 | 5.84% | 0.463% |
| 148        | 8.839  | 8.816  | 8.867  | VV | 5165  | 142373 | 3.66% | 0.290% |
| 149        | 8.894  | 8.867  | 8.911  | VV | 11981 | 196698 | 5.05% | 0.401% |
| 150        | 8.923  | 8.911  | 8.940  | VV | 8015  | 108168 | 2.78% | 0.220% |
| 151        | 8.960  | 8.940  | 8.987  | VV | 6539  | 150340 | 3.86% | 0.306% |
| 152        | 9.006  | 8.987  | 9.015  | VV | 7947  | 103188 | 2.65% | 0.210% |
| 153        | 9.029  | 9.015  | 9.047  | VV | 11392 | 153640 | 3.95% | 0.313% |
| 154        | 9.057  | 9.047  | 9.073  | VV | 6205  | 83719  | 2.15% | 0.171% |
| 155        | 9.106  | 9.073  | 9.122  | VV | 16245 | 255199 | 6.56% | 0.520% |
| 156        | 9.134  | 9.122  | 9.160  | VV | 9450  | 148958 | 3.83% | 0.303% |
| 157        | 9.188  | 9.160  | 9.239  | VV | 12901 | 344235 | 8.84% | 0.701% |
| 158        | 9.257  | 9.239  | 9.276  | VV | 8096  | 142253 | 3.65% | 0.290% |
| 159        | 9.315  | 9.276  | 9.335  | VV | 10226 | 240087 | 6.17% | 0.489% |
| 160        | 9.355  | 9.335  | 9.406  | VV | 5751  | 205642 | 5.28% | 0.419% |
| 161        | 9.432  | 9.406  | 9.459  | VV | 8568  | 215808 | 5.54% | 0.440% |
| 162        | 9.467  | 9.459  | 9.475  | VV | 7086  | 66093  | 1.70% | 0.135% |
| 163        | 9.485  | 9.475  | 9.502  | VV | 7282  | 96369  | 2.48% | 0.196% |
| 164        | 9.530  | 9.502  | 9.573  | VV | 9028  | 288772 | 7.42% | 0.588% |
| 165        | 9.585  | 9.573  | 9.600  | VV | 5431  | 79274  | 2.04% | 0.162% |
| 166        | 9.629  | 9.600  | 9.662  | VV | 6113  | 186860 | 4.80% | 0.381% |
| 167        | 9.694  | 9.662  | 9.749  | VV | 8529  | 251212 | 6.45% | 0.512% |
| 168        | 9.793  | 9.749  | 9.818  | VV | 5117  | 158792 | 4.08% | 0.324% |
| 169        | 9.850  | 9.818  | 9.894  | VV | 7525  | 205298 | 5.27% | 0.418% |
| 170        | 9.955  | 9.894  | 9.968  | VV | 9639  | 255228 | 6.56% | 0.520% |
| 171        | 9.982  | 9.968  | 10.004 | VV | 9422  | 157421 | 4.04% | 0.321% |
| 172        | 10.021 | 10.004 | 10.051 | VV | 10821 | 193429 | 4.97% | 0.394% |
| 173        | 10.067 | 10.051 | 10.078 | VV | 4858  | 74295  | 1.91% | 0.151% |
| 174        | 10.101 | 10.078 | 10.112 | VV | 8750  | 136977 | 3.52% | 0.279% |
| 175        | 10.121 | 10.112 | 10.140 | VV | 8652  | 118965 | 3.06% | 0.242% |
| 176        | 10.159 | 10.140 | 10.182 | VV | 8636  | 161583 | 4.15% | 0.329% |
| 177        | 10.195 | 10.182 | 10.212 | VV | 7010  | 100908 | 2.59% | 0.206% |
| 178        | 10.231 | 10.212 | 10.249 | VV | 7287  | 126078 | 3.24% | 0.257% |
| 179        | 10.270 | 10.249 | 10.287 | VV | 8714  | 149927 | 3.85% | 0.305% |
| 180        | 10.301 | 10.287 | 10.312 | VV | 6909  | 90650  | 2.33% | 0.185% |
| 181        | 10.322 | 10.312 | 10.335 | VV | 6453  | 81026  | 2.08% | 0.165% |
| 182        | 10.353 | 10.335 | 10.388 | VV | 7387  | 177000 | 4.55% | 0.361% |
| 183        | 10.402 | 10.388 | 10.421 | VV | 5091  | 80918  | 2.08% | 0.165% |
| 184        | 10.463 | 10.421 | 10.476 | VV | 5403  | 134997 | 3.47% | 0.275% |
| 185        | 10.494 | 10.476 | 10.552 | VV | 25065 | 387621 | 9.96% | 0.790% |
| 186        | 10.570 | 10.552 | 10.589 | VV | 6763  | 107229 | 2.75% | 0.218% |
| 187        | 10.598 | 10.589 | 10.622 | VV | 4568  | 72759  | 1.87% | 0.148% |
| 188        | 10.638 | 10.622 | 10.656 | VV | 3257  | 58606  | 1.51% | 0.119% |
| 189        | 10.680 | 10.656 | 10.699 | VV | 3874  | 87289  | 2.24% | 0.178% |
| 190        | 10.712 | 10.699 | 10.736 | VV | 3380  | 68716  | 1.77% | 0.140% |
| 191        | 10.806 | 10.736 | 10.832 | VV | 5814  | 222923 | 5.73% | 0.454% |
| 192        | 10.852 | 10.832 | 10.875 | VV | 4806  | 102742 | 2.64% | 0.209% |
| 193        | 10.893 | 10.875 | 10.918 | VV | 4212  | 99670  | 2.56% | 0.203% |
| 194        | 10.943 | 10.918 | 10.959 | VV | 4128  | 92305  | 2.37% | 0.188% |

|            |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| rteres.txt |        |        |        |    |        |         |        |        |
| 195        | 10.992 | 10.959 | 11.003 | VV | 4601   | 107072  | 2.75%  | 0.218% |
| 196        | 11.015 | 11.003 | 11.033 | VV | 5322   | 75641   | 1.94%  | 0.154% |
| 197        | 11.068 | 11.033 | 11.078 | VV | 3515   | 87298   | 2.24%  | 0.178% |
| 198        | 11.088 | 11.078 | 11.113 | VV | 3469   | 58493   | 1.50%  | 0.119% |
| 199        | 11.148 | 11.113 | 11.179 | VV | 4574   | 124952  | 3.21%  | 0.255% |
| 200        | 11.189 | 11.179 | 11.222 | VV | 2920   | 55411   | 1.42%  | 0.113% |
| 201        | 11.275 | 11.222 | 11.309 | VV | 295149 | 3225228 | 82.85% | 6.571% |
| 202        | 11.325 | 11.309 | 11.367 | VV | 5581   | 102037  | 2.62%  | 0.208% |
| 203        | 11.404 | 11.367 | 11.424 | VV | 6753   | 126243  | 3.24%  | 0.257% |
| 204        | 11.441 | 11.424 | 11.457 | VV | 4449   | 67966   | 1.75%  | 0.138% |
| 205        | 11.472 | 11.457 | 11.534 | VV | 4339   | 111824  | 2.87%  | 0.228% |
| 206        | 11.553 | 11.534 | 11.572 | VV | 1891   | 36460   | 0.94%  | 0.074% |
| 207        | 11.596 | 11.572 | 11.611 | VV | 2364   | 45277   | 1.16%  | 0.092% |
| 208        | 11.629 | 11.611 | 11.681 | VV | 3151   | 91246   | 2.34%  | 0.186% |
| 209        | 11.693 | 11.681 | 11.712 | VV | 2319   | 32074   | 0.82%  | 0.065% |
| 210        | 11.735 | 11.712 | 11.748 | VV | 1664   | 31165   | 0.80%  | 0.063% |
| 211        | 11.767 | 11.748 | 11.781 | VV | 1989   | 32333   | 0.83%  | 0.066% |
| 212        | 11.794 | 11.781 | 11.809 | VV | 2315   | 30598   | 0.79%  | 0.062% |
| 213        | 11.827 | 11.809 | 11.872 | VV | 2553   | 60600   | 1.56%  | 0.123% |
| 214        | 11.891 | 11.872 | 11.927 | VV | 2216   | 57257   | 1.47%  | 0.117% |
| 215        | 11.939 | 11.927 | 11.956 | VV | 1619   | 23362   | 0.60%  | 0.048% |
| 216        | 11.970 | 11.956 | 12.024 | VV | 1770   | 56458   | 1.45%  | 0.115% |
| 217        | 12.039 | 12.024 | 12.063 | VV | 2053   | 33389   | 0.86%  | 0.068% |
| 218        | 12.082 | 12.063 | 12.122 | VV | 2406   | 55627   | 1.43%  | 0.113% |
| 219        | 12.159 | 12.122 | 12.167 | VV | 1383   | 27775   | 0.71%  | 0.057% |
| 220        | 12.189 | 12.167 | 12.209 | VV | 5295   | 76108   | 1.96%  | 0.155% |
| 221        | 12.223 | 12.209 | 12.240 | VV | 2406   | 35596   | 0.91%  | 0.073% |
| 222        | 12.251 | 12.240 | 12.266 | VV | 1763   | 25374   | 0.65%  | 0.052% |
| 223        | 12.299 | 12.266 | 12.329 | VV | 10745  | 141134  | 3.63%  | 0.288% |
| 224        | 12.340 | 12.329 | 12.378 | VV | 1442   | 23757   | 0.61%  | 0.048% |
| 225        | 12.413 | 12.378 | 12.422 | VV | 1330   | 22317   | 0.57%  | 0.045% |
| 226        | 12.432 | 12.422 | 12.456 | VV | 1251   | 16154   | 0.41%  | 0.033% |
| 227        | 12.487 | 12.456 | 12.510 | VV | 644    | 15287   | 0.39%  | 0.031% |
| 228        | 12.549 | 12.510 | 12.569 | VV | 1035   | 23119   | 0.59%  | 0.047% |
| 229        | 12.593 | 12.569 | 12.616 | VV | 7684   | 92249   | 2.37%  | 0.188% |
| 230        | 12.644 | 12.616 | 12.667 | VV | 5262   | 70943   | 1.82%  | 0.145% |
| 231        | 12.718 | 12.667 | 12.756 | VV | 88660  | 1048753 | 26.94% | 2.137% |
| 232        | 12.790 | 12.756 | 12.829 | VV | 1373   | 37701   | 0.97%  | 0.077% |
| 233        | 12.889 | 12.829 | 12.916 | VV | 1483   | 39891   | 1.02%  | 0.081% |
| 234        | 12.935 | 12.916 | 12.975 | VV | 1944   | 34229   | 0.88%  | 0.070% |
| 235        | 12.996 | 12.975 | 13.010 | PV | 907    | 11336   | 0.29%  | 0.023% |
| 236        | 13.025 | 13.010 | 13.062 | VV | 929    | 19218   | 0.49%  | 0.039% |
| 237        | 13.072 | 13.062 | 13.094 | VV | 574    | 8038    | 0.21%  | 0.016% |
| 238        | 13.117 | 13.094 | 13.164 | VV | 1475   | 38022   | 0.98%  | 0.077% |
| 239        | 13.182 | 13.164 | 13.216 | VV | 1871   | 28809   | 0.74%  | 0.059% |
| 240        | 13.235 | 13.216 | 13.271 | VV | 405    | 7815    | 0.20%  | 0.016% |
| 241        | 13.291 | 13.271 | 13.311 | VV | 1470   | 18487   | 0.47%  | 0.038% |
| 242        | 13.356 | 13.311 | 13.405 | VV | 1029   | 41516   | 1.07%  | 0.085% |
| 243        | 13.455 | 13.405 | 13.484 | VV | 1662   | 36506   | 0.94%  | 0.074% |
| 244        | 13.493 | 13.484 | 13.521 | VV | 923    | 9734    | 0.25%  | 0.020% |
| 245        | 13.543 | 13.521 | 13.552 | VV | 298    | 3871    | 0.10%  | 0.008% |
| 246        | 13.570 | 13.552 | 13.598 | VV | 415    | 7661    | 0.20%  | 0.016% |

|     |        |        |        |    |            |       |       |        |  |
|-----|--------|--------|--------|----|------------|-------|-------|--------|--|
|     |        |        |        |    | rteres.txt |       |       |        |  |
| 247 | 13.604 | 13.598 | 13.627 | VV | 267        | 2560  | 0.07% | 0.005% |  |
| 248 | 13.642 | 13.627 | 13.670 | PV | 394        | 6058  | 0.16% | 0.012% |  |
| 249 | 13.686 | 13.670 | 13.694 | VV | 309        | 2870  | 0.07% | 0.006% |  |
| 250 | 13.728 | 13.694 | 13.749 | VV | 311        | 7136  | 0.18% | 0.015% |  |
| 251 | 13.758 | 13.749 | 13.782 | VV | 340        | 3524  | 0.09% | 0.007% |  |
| 252 | 13.802 | 13.782 | 13.815 | VV | 475        | 4889  | 0.13% | 0.010% |  |
| 253 | 13.851 | 13.815 | 13.871 | VV | 696        | 12987 | 0.33% | 0.026% |  |
| 254 | 13.909 | 13.871 | 13.934 | VV | 1276       | 23573 | 0.61% | 0.048% |  |
| 255 | 13.961 | 13.934 | 13.987 | VV | 368        | 5855  | 0.15% | 0.012% |  |
| 256 | 14.035 | 13.987 | 14.052 | VV | 837        | 16841 | 0.43% | 0.034% |  |
| 257 | 14.082 | 14.052 | 14.106 | VV | 2031       | 31772 | 0.82% | 0.065% |  |
| 258 | 14.115 | 14.106 | 14.136 | VV | 690        | 7330  | 0.19% | 0.015% |  |
| 259 | 14.152 | 14.136 | 14.177 | VV | 1240       | 14594 | 0.37% | 0.030% |  |
| 260 | 14.201 | 14.177 | 14.233 | VV | 1208       | 19219 | 0.49% | 0.039% |  |
| 261 | 14.279 | 14.233 | 14.297 | VV | 753        | 18002 | 0.46% | 0.037% |  |
| 262 | 14.315 | 14.297 | 14.340 | VV | 573        | 9274  | 0.24% | 0.019% |  |
| 263 | 14.352 | 14.340 | 14.366 | VV | 356        | 2975  | 0.08% | 0.006% |  |
| 264 | 14.408 | 14.366 | 14.426 | PV | 1079       | 18959 | 0.49% | 0.039% |  |
| 265 | 14.461 | 14.426 | 14.480 | VV | 2733       | 47506 | 1.22% | 0.097% |  |
| 266 | 14.500 | 14.480 | 14.526 | VV | 3372       | 45550 | 1.17% | 0.093% |  |
| 267 | 14.565 | 14.526 | 14.577 | VV | 1122       | 18865 | 0.48% | 0.038% |  |
| 268 | 14.605 | 14.577 | 14.641 | VV | 1340       | 37688 | 0.97% | 0.077% |  |
| 269 | 14.667 | 14.641 | 14.686 | VV | 1326       | 25919 | 0.67% | 0.053% |  |
| 270 | 14.703 | 14.686 | 14.744 | VV | 1080       | 22511 | 0.58% | 0.046% |  |
| 271 | 14.773 | 14.744 | 14.825 | VV | 1391       | 31458 | 0.81% | 0.064% |  |
| 272 | 14.848 | 14.825 | 14.867 | VV | 446        | 6261  | 0.16% | 0.013% |  |
| 273 | 14.878 | 14.867 | 14.890 | VV | 454        | 4350  | 0.11% | 0.009% |  |
| 274 | 14.915 | 14.890 | 14.945 | VV | 918        | 18773 | 0.48% | 0.038% |  |
| 275 | 14.995 | 14.945 | 15.024 | VV | 1302       | 34591 | 0.89% | 0.070% |  |
| 276 | 15.053 | 15.024 | 15.074 | VV | 729        | 14853 | 0.38% | 0.030% |  |
| 277 | 15.097 | 15.074 | 15.112 | VV | 980        | 15463 | 0.40% | 0.032% |  |
| 278 | 15.133 | 15.112 | 15.152 | VV | 2136       | 27883 | 0.72% | 0.057% |  |
| 279 | 15.168 | 15.152 | 15.202 | VV | 945        | 17490 | 0.45% | 0.036% |  |
| 280 | 15.221 | 15.202 | 15.236 | PV | 448        | 5612  | 0.14% | 0.011% |  |
| 281 | 15.271 | 15.236 | 15.282 | VV | 851        | 17129 | 0.44% | 0.035% |  |
| 282 | 15.297 | 15.282 | 15.325 | VV | 1262       | 22633 | 0.58% | 0.046% |  |
| 283 | 15.334 | 15.325 | 15.362 | VV | 552        | 7586  | 0.19% | 0.015% |  |
| 284 | 15.388 | 15.362 | 15.399 | VV | 865        | 12025 | 0.31% | 0.025% |  |
| 285 | 15.425 | 15.399 | 15.436 | VV | 772        | 14831 | 0.38% | 0.030% |  |
| 286 | 15.463 | 15.436 | 15.487 | VV | 1105       | 25641 | 0.66% | 0.052% |  |
| 287 | 15.519 | 15.487 | 15.532 | VV | 929        | 19408 | 0.50% | 0.040% |  |
| 288 | 15.577 | 15.532 | 15.613 | VV | 1440       | 45785 | 1.18% | 0.093% |  |
| 289 | 15.645 | 15.613 | 15.686 | VV | 685        | 19964 | 0.51% | 0.041% |  |
| 290 | 15.737 | 15.686 | 15.761 | PV | 2381       | 48357 | 1.24% | 0.099% |  |
| 291 | 15.774 | 15.761 | 15.817 | VV | 804        | 22113 | 0.57% | 0.045% |  |
| 292 | 15.839 | 15.817 | 15.855 | VV | 1092       | 17614 | 0.45% | 0.036% |  |
| 293 | 15.878 | 15.855 | 15.907 | VV | 854        | 17346 | 0.45% | 0.035% |  |
| 294 | 15.934 | 15.907 | 15.964 | VV | 1772       | 25556 | 0.66% | 0.052% |  |
| 295 | 16.007 | 15.964 | 16.052 | PV | 3329       | 67572 | 1.74% | 0.138% |  |
| 296 | 16.067 | 16.052 | 16.085 | VV | 1503       | 16558 | 0.43% | 0.034% |  |
| 297 | 16.139 | 16.085 | 16.164 | VV | 2036       | 45652 | 1.17% | 0.093% |  |
| 298 | 16.189 | 16.164 | 16.236 | VV | 1577       | 41469 | 1.07% | 0.084% |  |
| 299 | 16.250 | 16.236 | 16.277 | VV | 913        | 15774 | 0.41% | 0.032% |  |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 300 | 16.321 | 16.277 | 16.351 | PV | 2735       | 59581  | 1.53% | 0.121% |
| 301 | 16.379 | 16.351 | 16.414 | VV | 2515       | 44962  | 1.15% | 0.092% |
| 302 | 16.437 | 16.414 | 16.459 | VV | 2114       | 34061  | 0.87% | 0.069% |
| 303 | 16.484 | 16.459 | 16.498 | VV | 1163       | 20841  | 0.54% | 0.042% |
| 304 | 16.533 | 16.498 | 16.553 | VV | 3161       | 60508  | 1.55% | 0.123% |
| 305 | 16.571 | 16.553 | 16.593 | VV | 2070       | 31923  | 0.82% | 0.065% |
| 306 | 16.614 | 16.593 | 16.658 | VV | 834        | 24649  | 0.63% | 0.050% |
| 307 | 16.671 | 16.658 | 16.681 | PV | 503        | 4405   | 0.11% | 0.009% |
| 308 | 16.699 | 16.681 | 16.712 | VV | 1266       | 13989  | 0.36% | 0.029% |
| 309 | 16.740 | 16.712 | 16.766 | VV | 1477       | 28969  | 0.74% | 0.059% |
| 310 | 16.779 | 16.766 | 16.801 | VV | 876        | 15829  | 0.41% | 0.032% |
| 311 | 16.826 | 16.801 | 16.842 | VV | 1403       | 25319  | 0.65% | 0.052% |
| 312 | 16.888 | 16.842 | 16.951 | VV | 2319       | 92499  | 2.38% | 0.188% |
| 313 | 16.981 | 16.951 | 17.016 | VV | 4874       | 99149  | 2.55% | 0.202% |
| 314 | 17.051 | 17.016 | 17.071 | VV | 2283       | 50360  | 1.29% | 0.103% |
| 315 | 17.094 | 17.071 | 17.102 | VV | 2510       | 39168  | 1.01% | 0.080% |
| 316 | 17.122 | 17.102 | 17.152 | VV | 2329       | 49641  | 1.28% | 0.101% |
| 317 | 17.165 | 17.152 | 17.196 | VV | 1411       | 26114  | 0.67% | 0.053% |
| 318 | 17.218 | 17.196 | 17.231 | VV | 788        | 11672  | 0.30% | 0.024% |
| 319 | 17.246 | 17.231 | 17.257 | VV | 626        | 7881   | 0.20% | 0.016% |
| 320 | 17.277 | 17.257 | 17.289 | VV | 930        | 13654  | 0.35% | 0.028% |
| 321 | 17.318 | 17.289 | 17.329 | VV | 797        | 15419  | 0.40% | 0.031% |
| 322 | 17.361 | 17.329 | 17.370 | VV | 1143       | 19738  | 0.51% | 0.040% |
| 323 | 17.416 | 17.370 | 17.452 | VV | 6196       | 118085 | 3.03% | 0.241% |
| 324 | 17.522 | 17.452 | 17.535 | VV | 3127       | 94132  | 2.42% | 0.192% |
| 325 | 17.551 | 17.535 | 17.617 | VV | 2631       | 108853 | 2.80% | 0.222% |
| 326 | 17.628 | 17.617 | 17.659 | VV | 1824       | 41126  | 1.06% | 0.084% |
| 327 | 17.704 | 17.659 | 17.722 | VV | 4076       | 99942  | 2.57% | 0.204% |
| 328 | 17.741 | 17.722 | 17.772 | VV | 3574       | 79781  | 2.05% | 0.163% |
| 329 | 17.786 | 17.772 | 17.812 | VV | 2986       | 52438  | 1.35% | 0.107% |
| 330 | 17.835 | 17.812 | 17.870 | VV | 7550       | 144449 | 3.71% | 0.294% |
| 331 | 17.888 | 17.870 | 17.948 | VV | 3650       | 120760 | 3.10% | 0.246% |
| 332 | 17.992 | 17.948 | 18.007 | VV | 3594       | 98262  | 2.52% | 0.200% |
| 333 | 18.015 | 18.007 | 18.031 | VV | 2829       | 35769  | 0.92% | 0.073% |
| 334 | 18.045 | 18.031 | 18.067 | VV | 2506       | 45294  | 1.16% | 0.092% |
| 335 | 18.106 | 18.067 | 18.131 | VV | 2849       | 82045  | 2.11% | 0.167% |
| 336 | 18.140 | 18.131 | 18.152 | VV | 2300       | 27674  | 0.71% | 0.056% |
| 337 | 18.203 | 18.152 | 18.216 | VV | 3354       | 100807 | 2.59% | 0.205% |
| 338 | 18.244 | 18.216 | 18.294 | VV | 7706       | 244555 | 6.28% | 0.498% |
| 339 | 18.311 | 18.294 | 18.327 | VV | 4655       | 86338  | 2.22% | 0.176% |
| 340 | 18.359 | 18.327 | 18.392 | VV | 5419       | 191028 | 4.91% | 0.389% |
| 341 | 18.406 | 18.392 | 18.417 | VV | 4469       | 60182  | 1.55% | 0.123% |
| 342 | 18.484 | 18.417 | 18.509 | VV | 5634       | 250935 | 6.45% | 0.511% |
| 343 | 18.517 | 18.509 | 18.542 | VV | 4498       | 81319  | 2.09% | 0.166% |
| 344 | 18.565 | 18.542 | 18.576 | VV | 4654       | 78028  | 2.00% | 0.159% |
| 345 | 18.592 | 18.576 | 18.606 | VV | 4490       | 73492  | 1.89% | 0.150% |
| 346 | 18.640 | 18.606 | 18.666 | VV | 8244       | 205997 | 5.29% | 0.420% |
| 347 | 18.684 | 18.666 | 18.694 | VV | 5543       | 93012  | 2.39% | 0.189% |
| 348 | 18.711 | 18.694 | 18.748 | VV | 6363       | 182702 | 4.69% | 0.372% |
| 349 | 18.766 | 18.748 | 18.777 | VV | 5870       | 91092  | 2.34% | 0.186% |
| 350 | 18.825 | 18.777 | 18.851 | VV | 8258       | 294382 | 7.56% | 0.600% |
| 351 | 18.872 | 18.851 | 18.892 | VV | 7427       | 161145 | 4.14% | 0.328% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 352 | 18.907 | 18.892 | 18.927 | VV | 6448       | 128203  | 3.29%  | 0.261% |
| 353 | 18.944 | 18.927 | 18.954 | VV | 6361       | 95823   | 2.46%  | 0.195% |
| 354 | 19.027 | 18.954 | 19.150 | VV | 11900      | 945518  | 24.29% | 1.926% |
| 355 | 19.177 | 19.150 | 19.199 | VV | 7005       | 183567  | 4.72%  | 0.374% |
| 356 | 19.210 | 19.199 | 19.229 | VV | 6559       | 115114  | 2.96%  | 0.235% |
| 357 | 19.250 | 19.229 | 19.261 | VV | 7662       | 128690  | 3.31%  | 0.262% |
| 358 | 19.287 | 19.261 | 19.297 | VV | 8254       | 166131  | 4.27%  | 0.338% |
| 359 | 19.338 | 19.297 | 19.378 | VV | 12058      | 507446  | 13.04% | 1.034% |
| 360 | 19.400 | 19.378 | 19.422 | VV | 10979      | 271681  | 6.98%  | 0.554% |
| 361 | 19.435 | 19.422 | 19.459 | VV | 10052      | 205837  | 5.29%  | 0.419% |
| 362 | 19.527 | 19.459 | 19.549 | VV | 10574      | 500409  | 12.85% | 1.020% |
| 363 | 19.581 | 19.549 | 19.590 | VV | 11553      | 252985  | 6.50%  | 0.515% |
| 364 | 19.627 | 19.590 | 19.642 | VV | 15029      | 418682  | 10.75% | 0.853% |
| 365 | 19.648 | 19.642 | 19.707 | VV | 14560      | 515246  | 13.24% | 1.050% |
| 366 | 19.712 | 19.707 | 19.729 | VV | 12214      | 151941  | 3.90%  | 0.310% |
| 367 | 19.759 | 19.729 | 19.774 | VV | 13529      | 333331  | 8.56%  | 0.679% |
| 368 | 19.782 | 19.774 | 19.797 | VV | 12055      | 167441  | 4.30%  | 0.341% |
| 369 | 19.825 | 19.797 | 19.842 | VV | 14450      | 355386  | 9.13%  | 0.724% |
| 370 | 19.935 | 19.842 | 19.946 | VV | 17770      | 919285  | 23.61% | 1.873% |
| 371 | 19.987 | 19.946 | 20.014 | VV | 18016      | 698888  | 17.95% | 1.424% |
| 372 | 20.030 | 20.014 | 20.054 | VV | 16552      | 375240  | 9.64%  | 0.764% |
| 373 | 20.070 | 20.054 | 20.081 | VV | 15297      | 239050  | 6.14%  | 0.487% |
| 374 | 20.106 | 20.081 | 20.146 | VV | 16614      | 594759  | 15.28% | 1.212% |
| 375 | 20.153 | 20.146 | 20.162 | VV | 14954      | 143584  | 3.69%  | 0.293% |
| 376 | 20.229 | 20.162 | 20.255 | VV | 18435      | 933624  | 23.98% | 1.902% |
| 377 | 20.285 | 20.255 | 20.321 | VV | 20024      | 712648  | 18.31% | 1.452% |
| 378 | 20.345 | 20.321 | 20.362 | VV | 17110      | 420164  | 10.79% | 0.856% |
| 379 | 20.380 | 20.362 | 20.403 | VV | 18689      | 438113  | 11.25% | 0.893% |
| 380 | 20.446 | 20.403 | 20.502 | VV | 19608      | 1077370 | 27.68% | 2.195% |
| 381 | 20.533 | 20.502 | 20.541 | VV | 17471      | 383792  | 9.86%  | 0.782% |
| 382 | 20.567 | 20.541 | 20.596 | VV | 18435      | 579416  | 14.88% | 1.180% |
| 383 | 20.647 | 20.596 | 20.700 | VV | 19622      | 1159241 | 29.78% | 2.362% |
| 384 | 20.710 | 20.700 | 20.722 | VV | 17672      | 226386  | 5.82%  | 0.461% |
| 385 | 20.759 | 20.722 | 20.824 | VV | 18428      | 993666  | 25.52% | 2.024% |
| 386 | 20.832 | 20.824 | 20.881 | VV | 13945      | 385633  | 9.91%  | 0.786% |
| 387 | 20.890 | 20.881 | 20.897 | VV | 9489       | 93566   | 2.40%  | 0.191% |
| 388 | 20.905 | 20.897 | 20.916 | VV | 9235       | 101108  | 2.60%  | 0.206% |
| 389 | 20.943 | 20.916 | 20.952 | VV | 10739      | 218633  | 5.62%  | 0.445% |
| 390 | 20.979 | 20.952 | 20.988 | VV | 11214      | 226322  | 5.81%  | 0.461% |
| 391 | 21.038 | 20.988 | 21.057 | VV | 11808      | 456167  | 11.72% | 0.929% |
| 392 | 21.073 | 21.057 | 21.086 | VV | 11635      | 189904  | 4.88%  | 0.387% |
| 393 | 21.100 | 21.086 | 21.241 | VV | 11284      | 603929  | 15.51% | 1.230% |
| 394 | 21.254 | 21.241 | 21.267 | PV | 843        | 7446    | 0.19%  | 0.015% |
| 395 | 21.317 | 21.267 | 21.347 | PV | 2722       | 56881   | 1.46%  | 0.116% |

Sum of corrected areas: 49083524

Aromatic EPH 120718.M Mon Dec 10 09:03:20 2018