

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101118\  
 Data File : FG002573.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Oct 2018 14:42  
 Sample : J5373-03MS 2X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG100118.M  
 Title :

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         | 2.343       | 2.319        | 2.367      | BB       | 77811          | 578950       | 14.84%         | 0.753%        |
| 2         | 3.083       | 3.059        | 3.139      | BB       | 12443          | 136119       | 3.49%          | 0.177%        |
| 3         | 3.688       | 3.661        | 3.722      | BB       | 41967          | 373465       | 9.58%          | 0.486%        |
| 4         | 4.041       | 4.021        | 4.058      | BV       | 30533          | 236305       | 6.06%          | 0.308%        |
| 5         | 4.110       | 4.089        | 4.137      | VB       | 116813         | 1027870      | 26.35%         | 1.338%        |
| 6         | 4.206       | 4.182        | 4.228      | BV       | 13941          | 193589       | 4.96%          | 0.252%        |
| 7         | 4.241       | 4.228        | 4.292      | VB       | 8652           | 112467       | 2.88%          | 0.146%        |
| 8         | 4.463       | 4.391        | 4.491      | BB       | 113339         | 1009320      | 25.88%         | 1.313%        |
| 9         | 4.668       | 4.631        | 4.734      | PB       | 33406          | 430157       | 11.03%         | 0.560%        |
| 10        | 5.455       | 5.431        | 5.487      | BV       | 19394          | 184775       | 4.74%          | 0.240%        |
| 11        | 5.704       | 5.682        | 5.742      | BB       | 8093           | 77954        | 2.00%          | 0.101%        |
| 12        | 5.834       | 5.821        | 5.879      | VB       | 7820           | 104440       | 2.68%          | 0.136%        |
| 13        | 6.261       | 6.227        | 6.301      | BB       | 6600           | 77618        | 1.99%          | 0.101%        |
| 14        | 6.447       | 6.430        | 6.468      | VV       | 18354          | 180114       | 4.62%          | 0.234%        |
| 15        | 6.492       | 6.468        | 6.519      | VV       | 123622         | 1224515      | 31.40%         | 1.594%        |
| 16        | 6.533       | 6.519        | 6.571      | VB       | 7490           | 72175        | 1.85%          | 0.094%        |
| 17        | 7.056       | 6.977        | 7.087      | BV       | 7586           | 95487        | 2.45%          | 0.124%        |
| 18        | 7.119       | 7.087        | 7.157      | PB       | 7622           | 85171        | 2.18%          | 0.111%        |
| 19        | 7.812       | 7.777        | 7.833      | BV       | 23151          | 209878       | 5.38%          | 0.273%        |
| 20        | 8.221       | 8.201        | 8.234      | VV       | 8153           | 84656        | 2.17%          | 0.110%        |
| 21        | 8.293       | 8.264        | 8.329      | VV       | 131775         | 1673986      | 42.92%         | 2.178%        |
| 22        | 8.353       | 8.329        | 8.387      | PV       | 45572          | 470115       | 12.05%         | 0.612%        |
| 23        | 8.406       | 8.387        | 8.441      | VB       | 9320           | 114969       | 2.95%          | 0.150%        |
| 24        | 8.635       | 8.589        | 8.660      | BV       | 18138          | 201880       | 5.18%          | 0.263%        |
| 25        | 8.678       | 8.660        | 8.687      | VV       | 8604           | 85190        | 2.18%          | 0.111%        |
| 26        | 8.703       | 8.687        | 8.722      | VV       | 26920          | 261919       | 6.72%          | 0.341%        |
| 27        | 8.741       | 8.722        | 8.797      | VB       | 12075          | 149671       | 3.84%          | 0.195%        |
| 28        | 8.975       | 8.959        | 8.996      | VV       | 10292          | 99614        | 2.55%          | 0.130%        |
| 29        | 9.488       | 9.463        | 9.509      | PV       | 26427          | 266757       | 6.84%          | 0.347%        |
| 30        | 9.640       | 9.620        | 9.682      | VV       | 7480           | 113492       | 2.91%          | 0.148%        |
| 31        | 9.811       | 9.787        | 9.851      | BV       | 7313           | 100941       | 2.59%          | 0.131%        |
| 32        | 9.897       | 9.851        | 9.951      | VV       | 112778         | 1317338      | 33.78%         | 1.714%        |
| 33        | 10.373      | 10.355       | 10.395     | VV       | 7647           | 88188        | 2.26%          | 0.115%        |
| 34        | 10.543      | 10.524       | 10.561     | PV       | 9028           | 84901        | 2.18%          | 0.110%        |
| 35        | 10.697      | 10.674       | 10.736     | VB       | 11782          | 157206       | 4.03%          | 0.205%        |
| 36        | 10.898      | 10.871       | 10.941     | VV       | 268557         | 2852079      | 73.13%         | 3.712%        |

|    |        |        |        |    |            |         |         |        |
|----|--------|--------|--------|----|------------|---------|---------|--------|
|    |        |        |        |    | rteres.txt |         |         |        |
| 37 | 10.970 | 10.941 | 11.031 | PB | 71832      | 767510  | 19.68%  | 0.999% |
| 38 | 11.181 | 11.160 | 11.226 | VV | 16433      | 190866  | 4.89%   | 0.248% |
| 39 | 11.343 | 11.314 | 11.373 | VV | 108246     | 1223623 | 31.37%  | 1.592% |
| 40 | 11.431 | 11.373 | 11.466 | VV | 7812       | 197233  | 5.06%   | 0.257% |
| 41 | 11.700 | 11.669 | 11.715 | BV | 30123      | 342078  | 8.77%   | 0.445% |
| 42 | 11.731 | 11.715 | 11.772 | VB | 38696      | 433890  | 11.12%  | 0.565% |
| 43 | 11.816 | 11.772 | 11.834 | BV | 37026      | 570581  | 14.63%  | 0.743% |
| 44 | 11.849 | 11.834 | 11.862 | VV | 19117      | 207912  | 5.33%   | 0.271% |
| 45 | 11.880 | 11.862 | 11.907 | VV | 25980      | 320785  | 8.22%   | 0.417% |
| 46 | 12.056 | 12.034 | 12.077 | VV | 18108      | 188987  | 4.85%   | 0.246% |
| 47 | 12.171 | 12.139 | 12.192 | BV | 21273      | 222195  | 5.70%   | 0.289% |
| 48 | 12.260 | 12.216 | 12.294 | VV | 36892      | 425547  | 10.91%  | 0.554% |
| 49 | 12.493 | 12.471 | 12.531 | VV | 8074       | 139415  | 3.57%   | 0.181% |
| 50 | 12.553 | 12.531 | 12.582 | PV | 11061      | 153862  | 3.95%   | 0.200% |
| 51 | 12.604 | 12.582 | 12.622 | VV | 18631      | 229989  | 5.90%   | 0.299% |
| 52 | 12.656 | 12.622 | 12.686 | VV | 106990     | 1389616 | 35.63%  | 1.808% |
| 53 | 12.724 | 12.686 | 12.764 | VV | 357540     | 3900170 | 100.00% | 5.075% |
| 54 | 12.909 | 12.892 | 12.994 | VV | 12233      | 335903  | 8.61%   | 0.437% |
| 55 | 13.023 | 12.994 | 13.048 | VV | 293461     | 3067439 | 78.65%  | 3.992% |
| 56 | 13.075 | 13.048 | 13.091 | VV | 28015      | 346391  | 8.88%   | 0.451% |
| 57 | 13.106 | 13.091 | 13.139 | VV | 31566      | 379764  | 9.74%   | 0.494% |
| 58 | 13.192 | 13.172 | 13.203 | VV | 11027      | 122110  | 3.13%   | 0.159% |
| 59 | 13.217 | 13.203 | 13.244 | VV | 14273      | 179793  | 4.61%   | 0.234% |
| 60 | 13.285 | 13.244 | 13.322 | PB | 17833      | 228952  | 5.87%   | 0.298% |
| 61 | 13.416 | 13.380 | 13.435 | PV | 9083       | 117652  | 3.02%   | 0.153% |
| 62 | 13.482 | 13.435 | 13.551 | VV | 18890      | 364842  | 9.35%   | 0.475% |
| 63 | 13.609 | 13.551 | 13.649 | PV | 47913      | 728357  | 18.67%  | 0.948% |
| 64 | 13.717 | 13.692 | 13.738 | VV | 27236      | 364440  | 9.34%   | 0.474% |
| 65 | 13.757 | 13.738 | 13.779 | VV | 25103      | 289712  | 7.43%   | 0.377% |
| 66 | 13.856 | 13.821 | 13.878 | VV | 107860     | 1352728 | 34.68%  | 1.760% |
| 67 | 13.887 | 13.878 | 13.908 | VV | 22381      | 252601  | 6.48%   | 0.329% |
| 68 | 13.928 | 13.908 | 13.965 | VV | 18288      | 229265  | 5.88%   | 0.298% |
| 69 | 14.307 | 14.264 | 14.326 | PV | 7081       | 168988  | 4.33%   | 0.220% |
| 70 | 14.345 | 14.326 | 14.382 | VB | 20395      | 271267  | 6.96%   | 0.353% |
| 71 | 14.423 | 14.382 | 14.437 | BV | 7724       | 117790  | 3.02%   | 0.153% |
| 72 | 14.525 | 14.487 | 14.544 | VV | 19623      | 328873  | 8.43%   | 0.428% |
| 73 | 14.590 | 14.566 | 14.611 | VV | 38952      | 496744  | 12.74%  | 0.646% |
| 74 | 14.648 | 14.611 | 14.678 | VV | 23206      | 428093  | 10.98%  | 0.557% |
| 75 | 14.759 | 14.729 | 14.824 | VV | 81793      | 1313824 | 33.69%  | 1.710% |
| 76 | 14.854 | 14.824 | 14.873 | PV | 9718       | 117400  | 3.01%   | 0.153% |
| 77 | 14.904 | 14.873 | 14.924 | VV | 153178     | 1850724 | 47.45%  | 2.408% |
| 78 | 14.948 | 14.924 | 15.023 | VV | 158833     | 2900000 | 74.36%  | 3.774% |
| 79 | 15.065 | 15.023 | 15.116 | VV | 31859      | 582327  | 14.93%  | 0.758% |
| 80 | 15.140 | 15.116 | 15.176 | VV | 14015      | 216695  | 5.56%   | 0.282% |
| 81 | 15.203 | 15.176 | 15.225 | PV | 14815      | 221377  | 5.68%   | 0.288% |
| 82 | 15.244 | 15.225 | 15.287 | VB | 11242      | 231678  | 5.94%   | 0.301% |
| 83 | 15.342 | 15.302 | 15.379 | BV | 32076      | 487362  | 12.50%  | 0.634% |
| 84 | 15.485 | 15.410 | 15.514 | VV | 9528       | 186894  | 4.79%   | 0.243% |
| 85 | 15.537 | 15.514 | 15.553 | VV | 8025       | 114681  | 2.94%   | 0.149% |
| 86 | 15.578 | 15.553 | 15.598 | VV | 29676      | 385245  | 9.88%   | 0.501% |
| 87 | 15.615 | 15.598 | 15.643 | VV | 23632      | 303379  | 7.78%   | 0.395% |
| 88 | 15.738 | 15.686 | 15.774 | VV | 18410      | 481246  | 12.34%  | 0.626% |
| 89 | 15.816 | 15.774 | 15.835 | VV | 8952       | 141017  | 3.62%   | 0.184% |

|            |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| rteres.txt |        |        |        |    |        |         |        |        |
| 90         | 15.987 | 15.954 | 16.039 | VV | 98425  | 1371494 | 35.16% | 1.785% |
| 91         | 16.190 | 16.132 | 16.227 | BV | 6863   | 170107  | 4.36%  | 0.221% |
| 92         | 16.251 | 16.227 | 16.264 | VV | 8087   | 96585   | 2.48%  | 0.126% |
| 93         | 16.287 | 16.264 | 16.316 | VV | 6265   | 138226  | 3.54%  | 0.180% |
| 94         | 16.366 | 16.335 | 16.374 | VV | 9791   | 155538  | 3.99%  | 0.202% |
| 95         | 16.393 | 16.374 | 16.416 | VV | 11997  | 196477  | 5.04%  | 0.256% |
| 96         | 16.468 | 16.416 | 16.487 | VV | 140240 | 2028599 | 52.01% | 2.640% |
| 97         | 16.496 | 16.487 | 16.527 | VV | 62105  | 648450  | 16.63% | 0.844% |
| 98         | 16.596 | 16.567 | 16.619 | VV | 29167  | 377815  | 9.69%  | 0.492% |
| 99         | 16.790 | 16.732 | 16.818 | VV | 84788  | 1398299 | 35.85% | 1.820% |
| 100        | 16.849 | 16.818 | 16.892 | VV | 113054 | 1502107 | 38.51% | 1.955% |
| 101        | 16.941 | 16.892 | 16.980 | VV | 112125 | 1807042 | 46.33% | 2.352% |
| 102        | 16.998 | 16.980 | 17.019 | VV | 9760   | 176199  | 4.52%  | 0.229% |
| 103        | 17.086 | 17.019 | 17.097 | VV | 11107  | 316011  | 8.10%  | 0.411% |
| 104        | 17.105 | 17.097 | 17.127 | VV | 9448   | 110441  | 2.83%  | 0.144% |
| 105        | 17.212 | 17.169 | 17.244 | VV | 19945  | 545346  | 13.98% | 0.710% |
| 106        | 17.251 | 17.244 | 17.281 | VV | 10034  | 147062  | 3.77%  | 0.191% |
| 107        | 17.349 | 17.324 | 17.360 | VV | 16202  | 237136  | 6.08%  | 0.309% |
| 108        | 17.380 | 17.360 | 17.415 | VV | 23884  | 499862  | 12.82% | 0.650% |
| 109        | 17.436 | 17.415 | 17.455 | VV | 13224  | 195732  | 5.02%  | 0.255% |
| 110        | 17.511 | 17.487 | 17.537 | VV | 18077  | 342682  | 8.79%  | 0.446% |
| 111        | 17.828 | 17.784 | 17.861 | VV | 104426 | 1613630 | 41.37% | 2.100% |
| 112        | 17.886 | 17.861 | 17.890 | VV | 8513   | 117681  | 3.02%  | 0.153% |
| 113        | 17.904 | 17.890 | 17.924 | VV | 11401  | 188879  | 4.84%  | 0.246% |
| 114        | 17.948 | 17.924 | 17.966 | VV | 11241  | 219784  | 5.64%  | 0.286% |
| 115        | 17.987 | 17.966 | 18.007 | VV | 20756  | 383805  | 9.84%  | 0.499% |
| 116        | 18.016 | 18.007 | 18.038 | VV | 16702  | 232678  | 5.97%  | 0.303% |
| 117        | 18.079 | 18.046 | 18.100 | VV | 13005  | 308938  | 7.92%  | 0.402% |
| 118        | 18.132 | 18.100 | 18.148 | VV | 24660  | 425918  | 10.92% | 0.554% |
| 119        | 18.186 | 18.162 | 18.200 | VV | 21283  | 349218  | 8.95%  | 0.454% |
| 120        | 18.224 | 18.200 | 18.241 | VV | 76539  | 1108072 | 28.41% | 1.442% |
| 121        | 18.252 | 18.241 | 18.291 | VV | 41090  | 742276  | 19.03% | 0.966% |
| 122        | 18.356 | 18.334 | 18.372 | VV | 37840  | 536128  | 13.75% | 0.698% |
| 123        | 18.388 | 18.372 | 18.452 | VV | 26288  | 578352  | 14.83% | 0.753% |
| 124        | 18.481 | 18.452 | 18.508 | VV | 73601  | 1034315 | 26.52% | 1.346% |
| 125        | 18.562 | 18.544 | 18.578 | VV | 13205  | 200094  | 5.13%  | 0.260% |
| 126        | 18.612 | 18.578 | 18.637 | VV | 25554  | 462784  | 11.87% | 0.602% |
| 127        | 18.665 | 18.637 | 18.695 | VV | 88724  | 1309125 | 33.57% | 1.704% |
| 128        | 18.787 | 18.749 | 18.810 | VV | 13694  | 273470  | 7.01%  | 0.356% |
| 129        | 18.829 | 18.810 | 18.858 | VV | 9467   | 178226  | 4.57%  | 0.232% |
| 130        | 18.911 | 18.887 | 18.931 | VV | 12224  | 205608  | 5.27%  | 0.268% |
| 131        | 18.957 | 18.931 | 18.973 | VV | 9063   | 165299  | 4.24%  | 0.215% |
| 132        | 18.996 | 18.973 | 19.002 | VV | 11991  | 154509  | 3.96%  | 0.201% |
| 133        | 19.022 | 19.002 | 19.037 | VV | 18998  | 306746  | 7.86%  | 0.399% |
| 134        | 19.061 | 19.037 | 19.109 | VV | 19092  | 454391  | 11.65% | 0.591% |
| 135        | 19.165 | 19.137 | 19.178 | VV | 12633  | 224814  | 5.76%  | 0.293% |
| 136        | 19.187 | 19.178 | 19.214 | VV | 11215  | 169541  | 4.35%  | 0.221% |
| 137        | 19.274 | 19.246 | 19.287 | VV | 5428   | 67076   | 1.72%  | 0.087% |
| 138        | 19.450 | 19.418 | 19.477 | PV | 74279  | 1064273 | 27.29% | 1.385% |
| 139        | 19.494 | 19.477 | 19.534 | VV | 5426   | 129408  | 3.32%  | 0.168% |
| 140        | 19.577 | 19.554 | 19.609 | VV | 11893  | 198235  | 5.08%  | 0.258% |
| 141        | 19.642 | 19.609 | 19.671 | VV | 29745  | 531393  | 13.62% | 0.692% |

|     |        |        |        |    |                         |         |          |        |  |
|-----|--------|--------|--------|----|-------------------------|---------|----------|--------|--|
|     |        |        |        |    | rteres.txt              |         |          |        |  |
| 142 | 19.710 | 19.671 | 19.742 | VV | 27774                   | 585408  | 15.01%   | 0.762% |  |
| 143 | 19.762 | 19.742 | 19.783 | VV | 8765                    | 173388  | 4.45%    | 0.226% |  |
| 144 | 19.805 | 19.783 | 19.814 | VV | 13221                   | 186426  | 4.78%    | 0.243% |  |
| 145 | 19.828 | 19.814 | 19.867 | VV | 11755                   | 204653  | 5.25%    | 0.266% |  |
| 146 | 19.922 | 19.900 | 19.938 | PV | 9939                    | 103958  | 2.67%    | 0.135% |  |
| 147 | 20.022 | 19.962 | 20.055 | VV | 32985                   | 684664  | 17.55%   | 0.891% |  |
| 148 | 20.086 | 20.055 | 20.108 | VV | 16079                   | 299886  | 7.69%    | 0.390% |  |
| 149 | 20.115 | 20.108 | 20.135 | VV | 8907                    | 97786   | 2.51%    | 0.127% |  |
| 150 | 20.194 | 20.135 | 20.237 | VV | 58574                   | 1108310 | 28.42%   | 1.442% |  |
| 151 | 20.284 | 20.265 | 20.306 | VV | 6139                    | 90647   | 2.32%    | 0.118% |  |
| 152 | 20.362 | 20.334 | 20.396 | VV | 9312                    | 168425  | 4.32%    | 0.219% |  |
| 153 | 20.959 | 20.907 | 20.997 | PV | 44156                   | 814518  | 20.88%   | 1.060% |  |
| 154 | 21.910 | 21.868 | 21.989 | PV | 33503                   | 786417  | 20.16%   | 1.023% |  |
|     |        |        |        |    | Sum of corrected areas: |         | 76843444 |        |  |

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