Supplementary data for the article:

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**Supporting information-II**

# Reinvestigating Old Pharmacophores: Are 4-Aminoquinolines and Tetraoxanes Potential Two-Stage Antimalarials?

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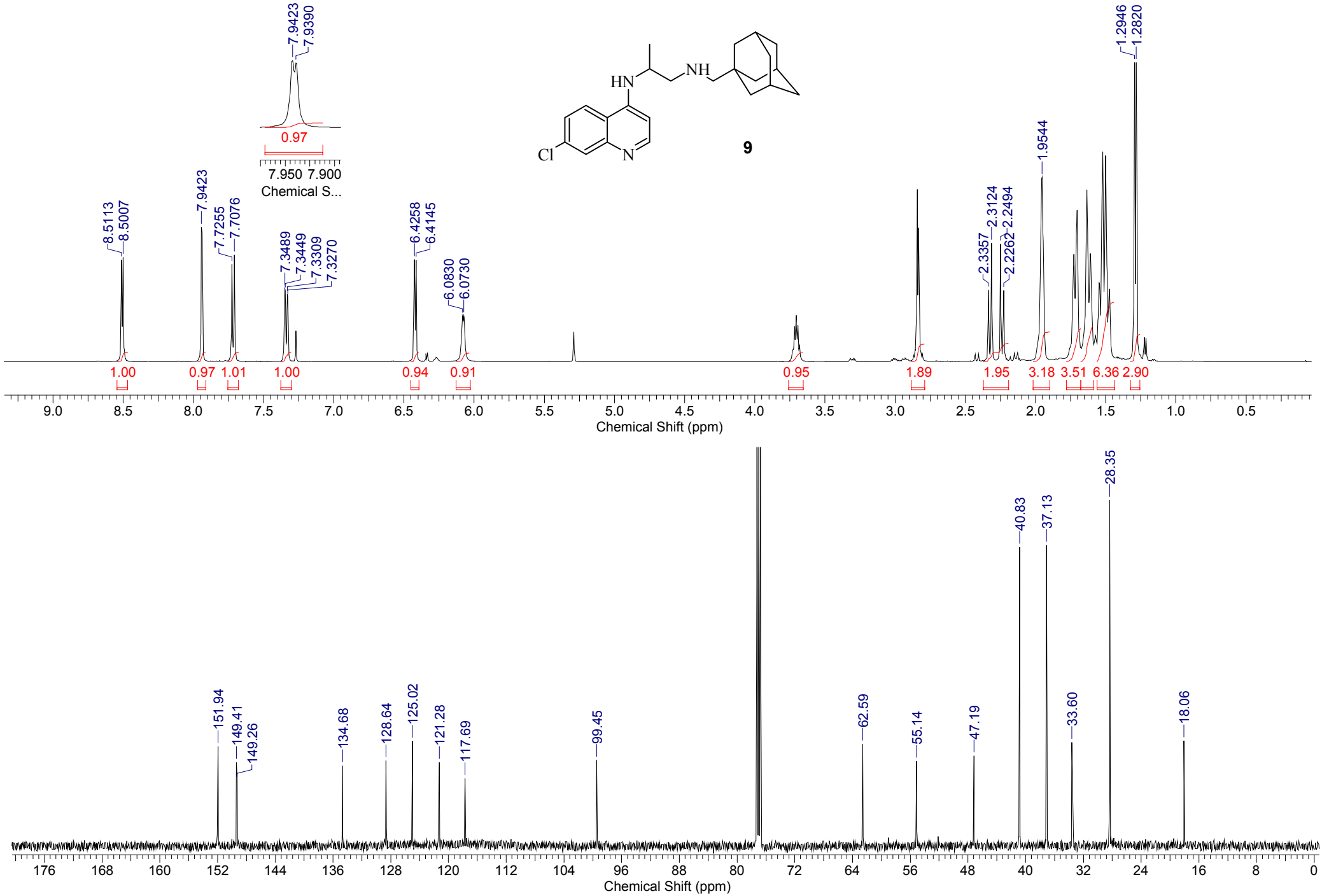

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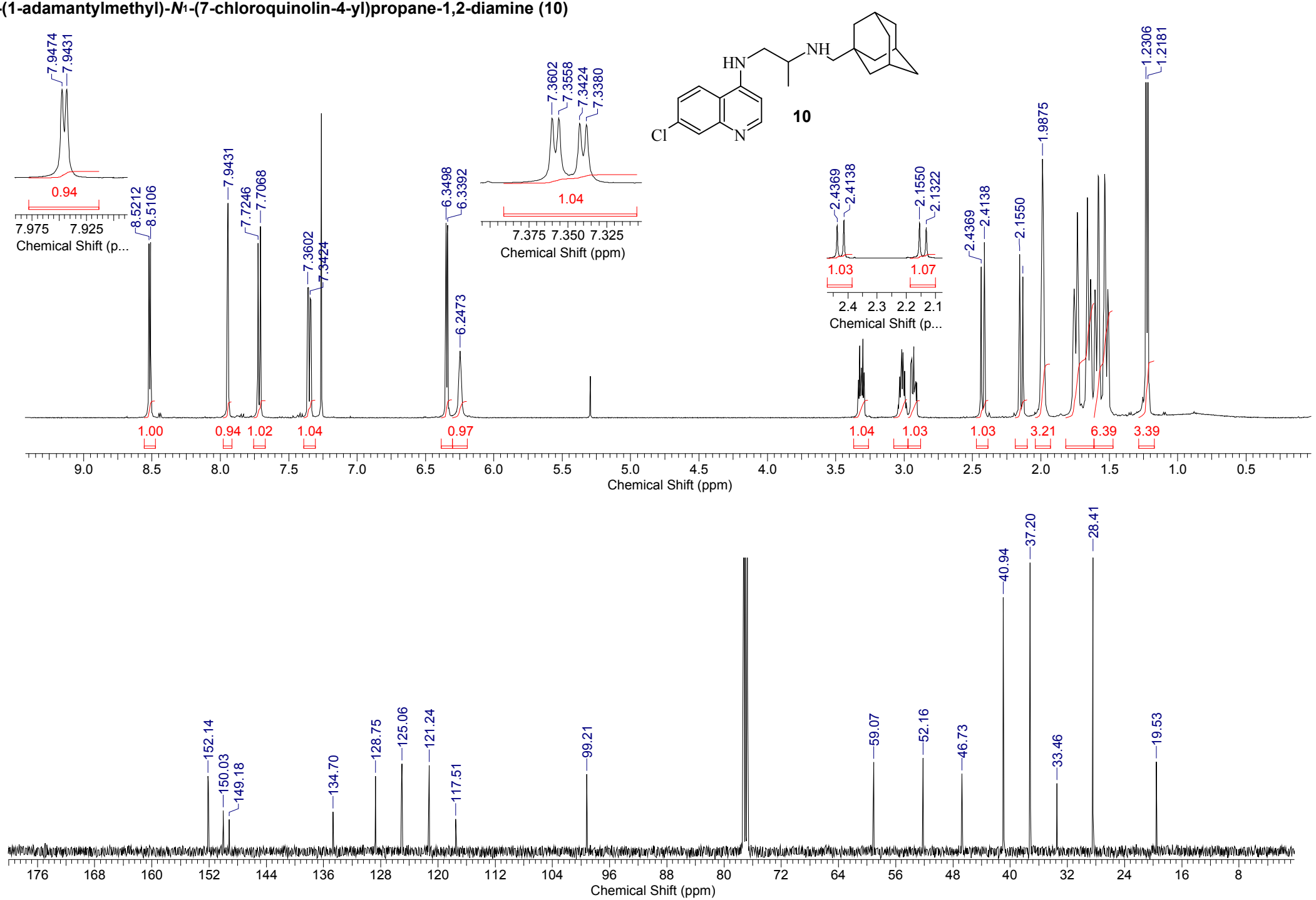

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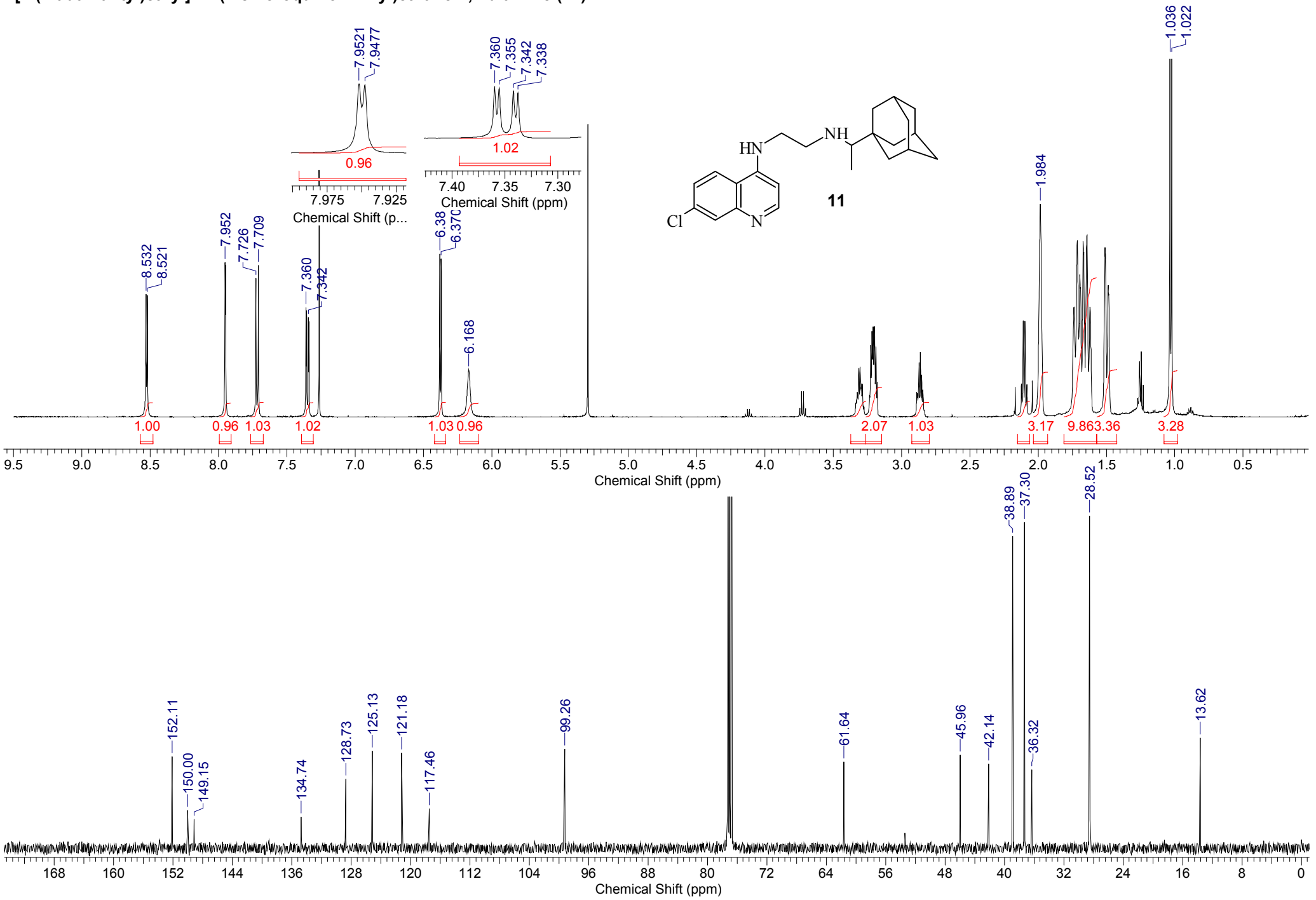

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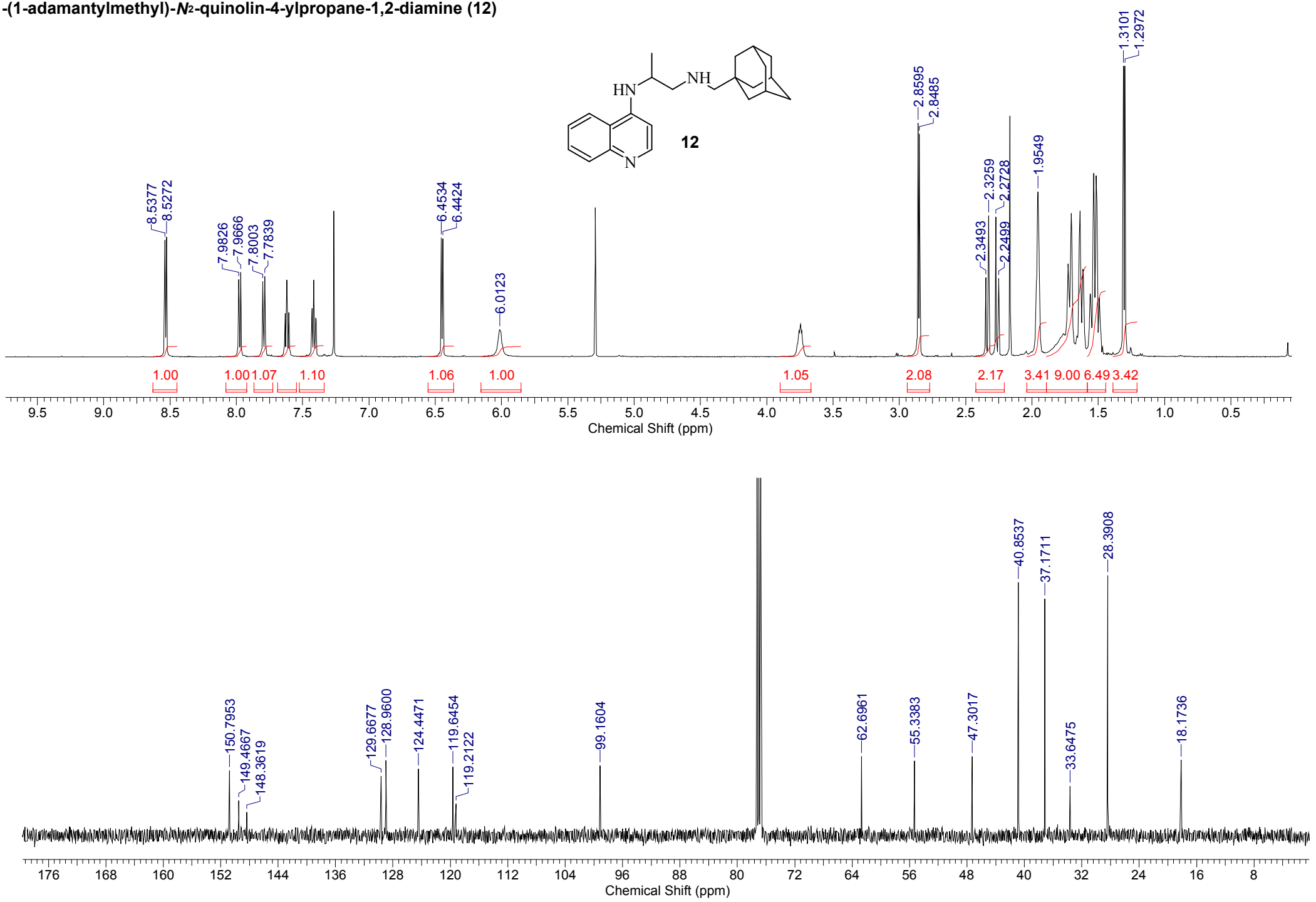

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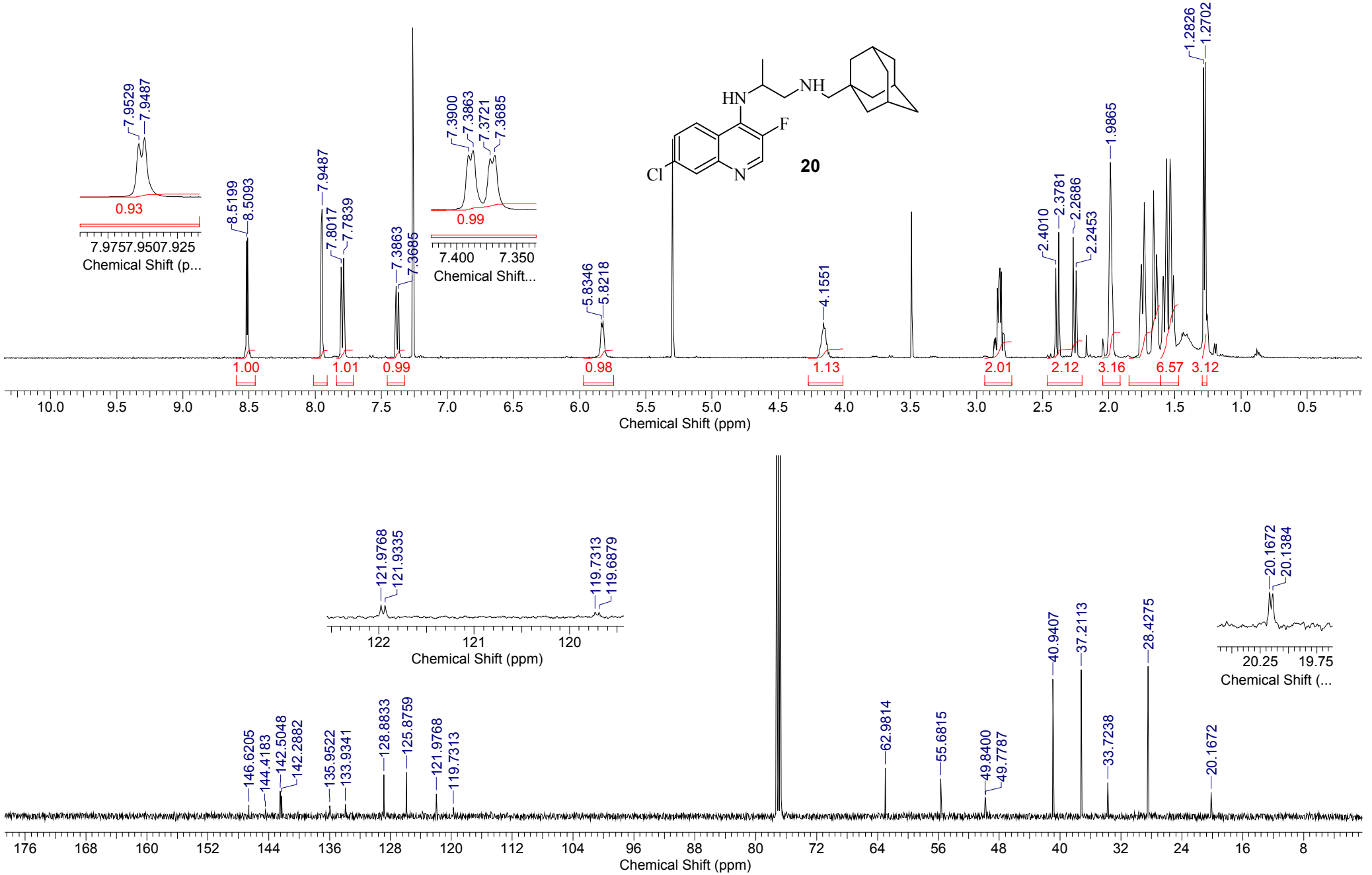

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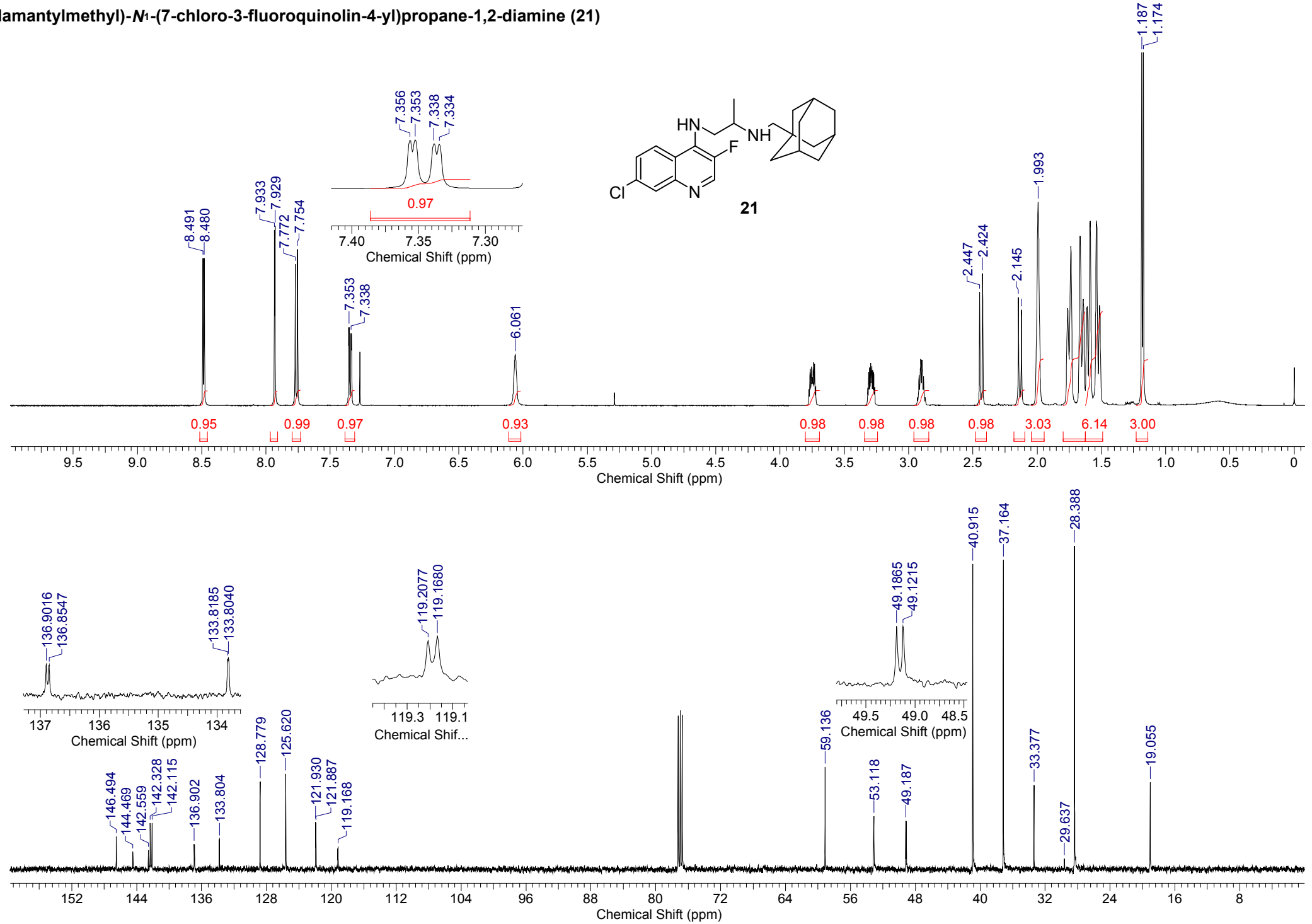

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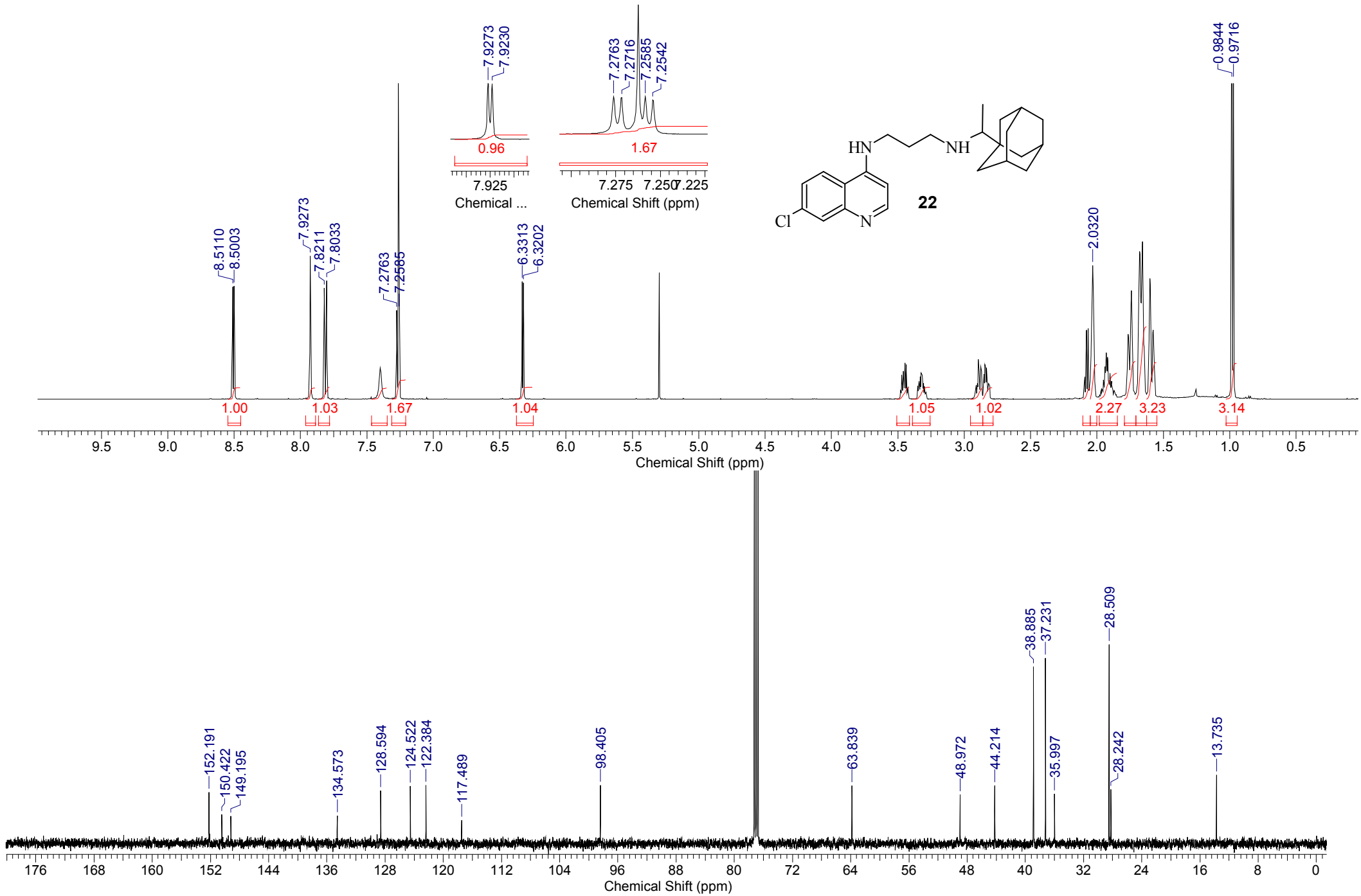

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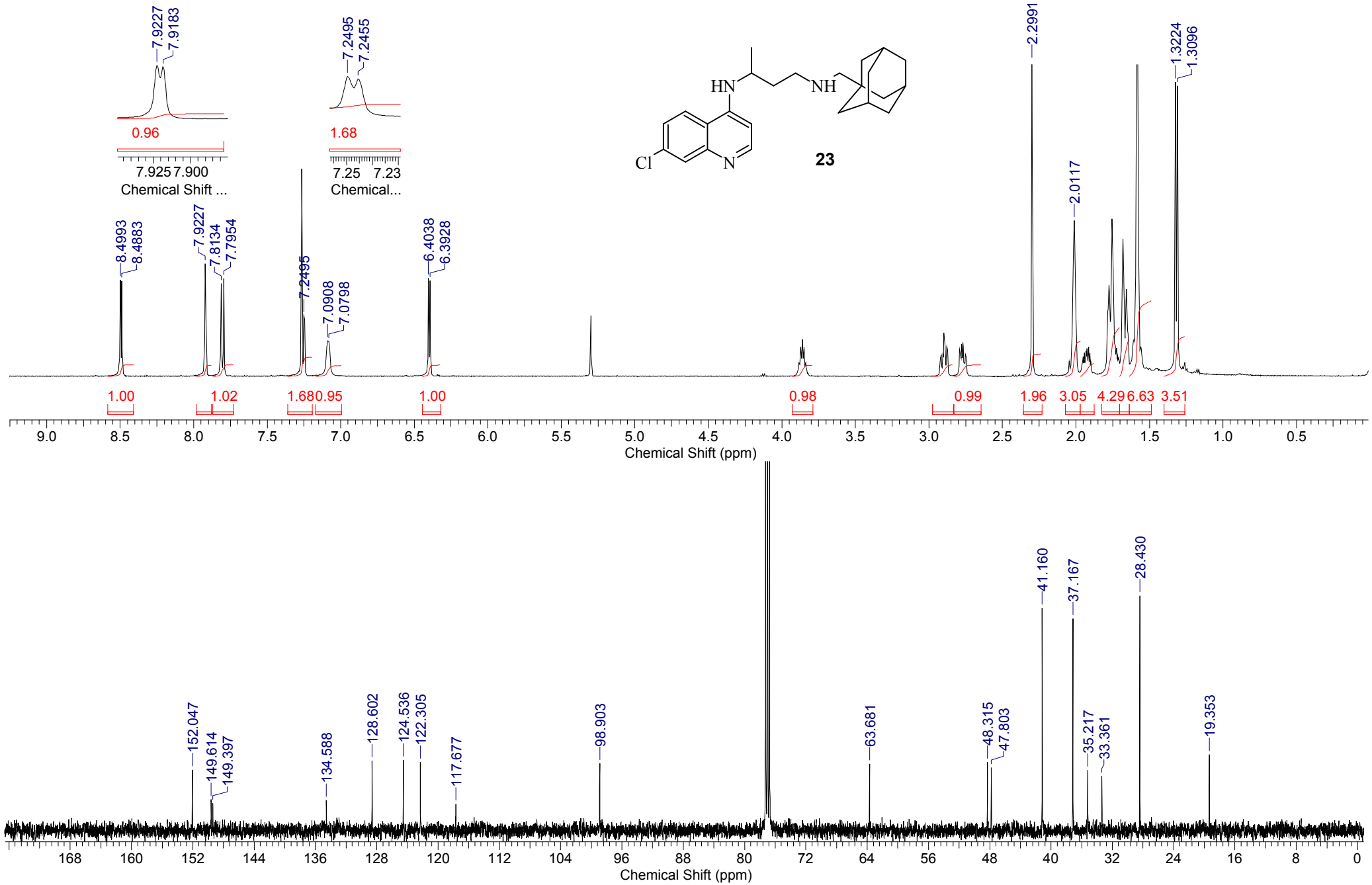

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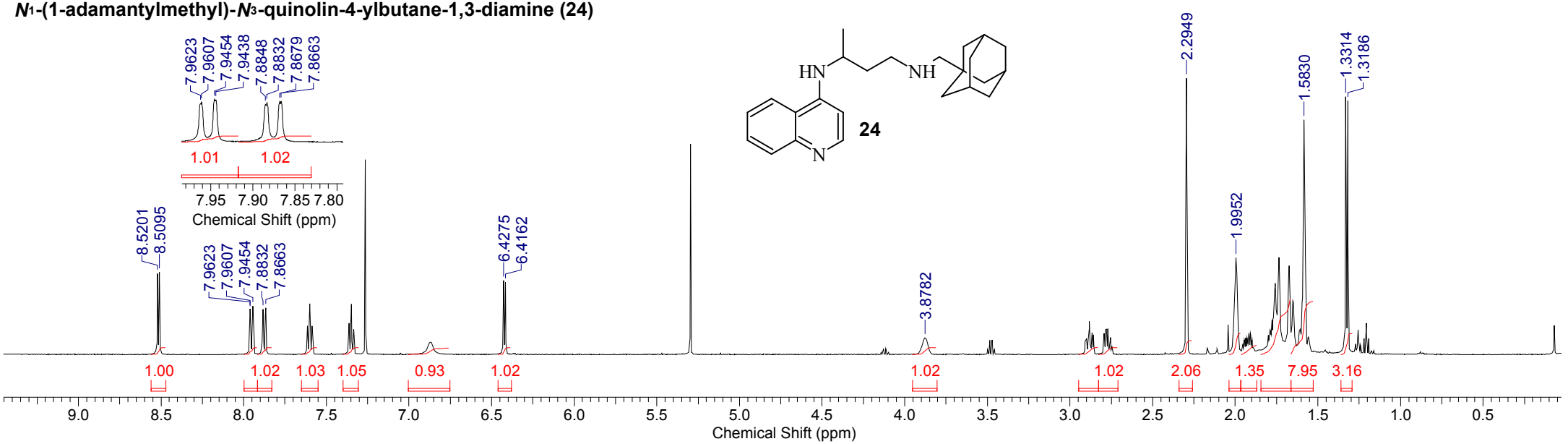


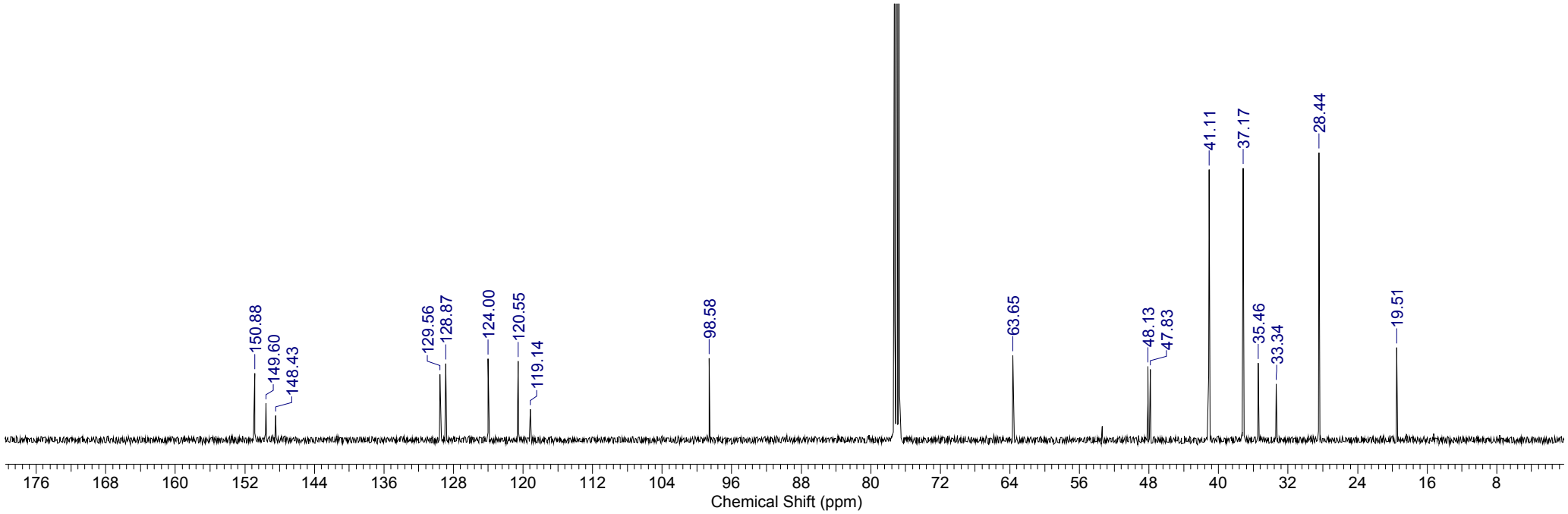

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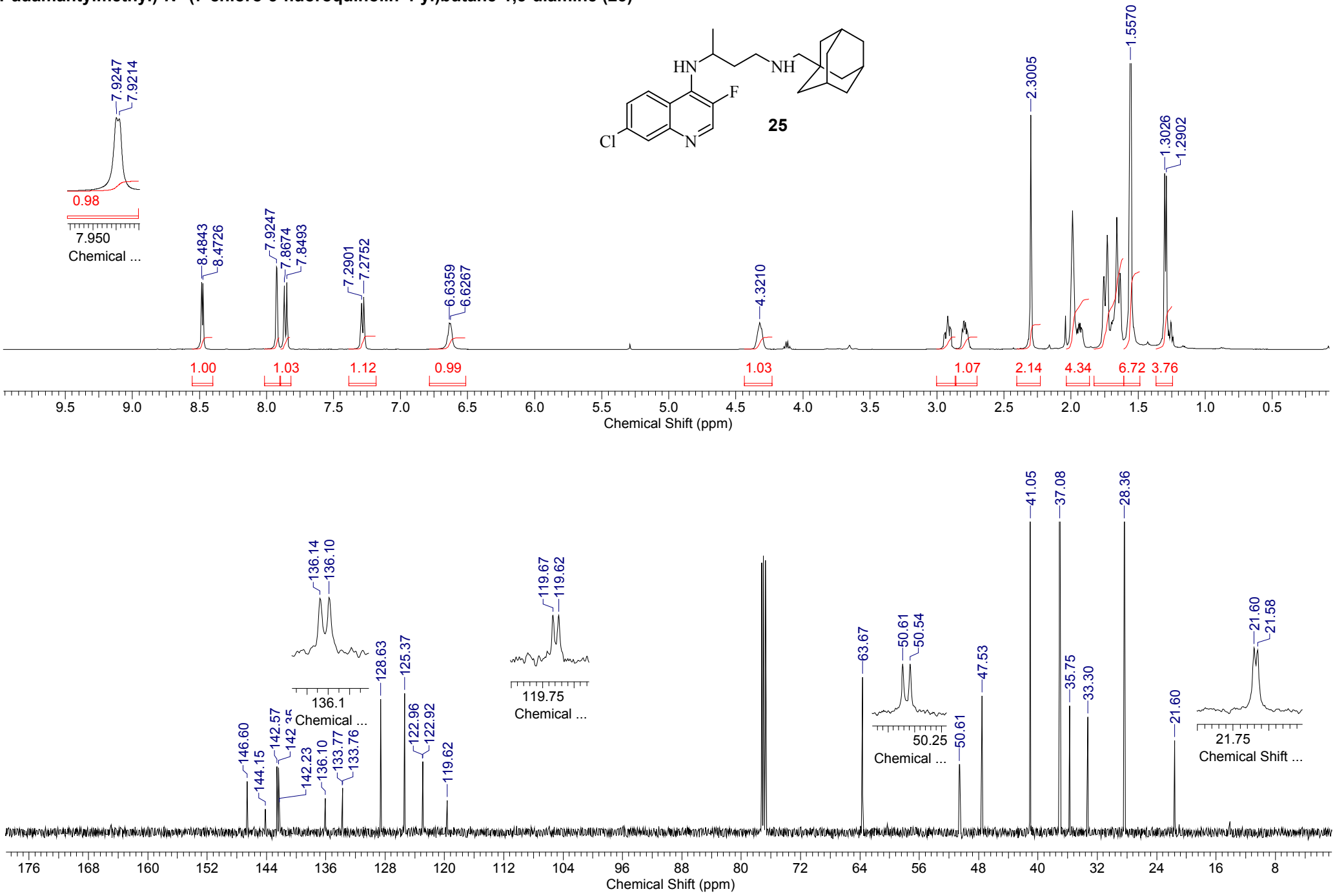

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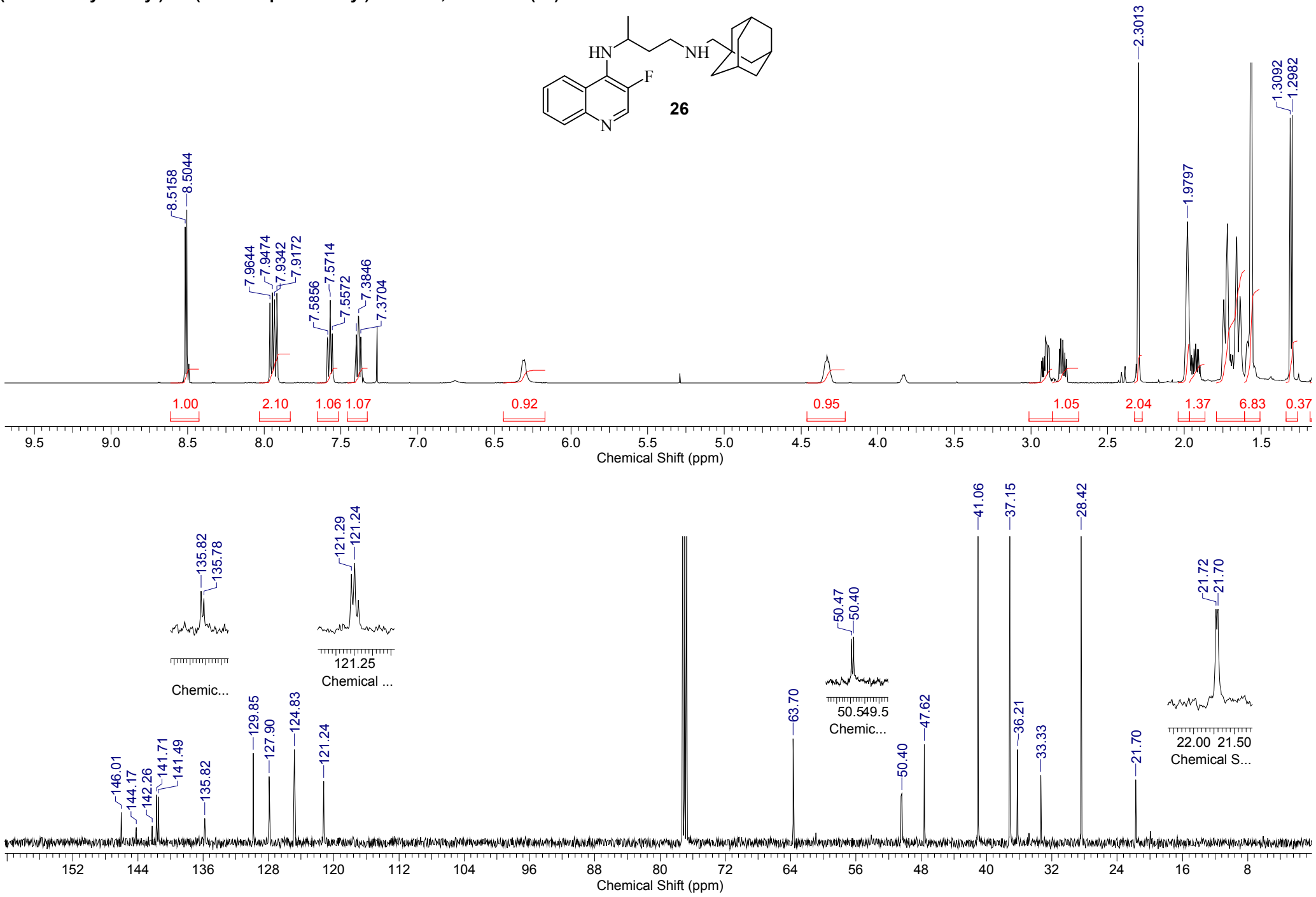

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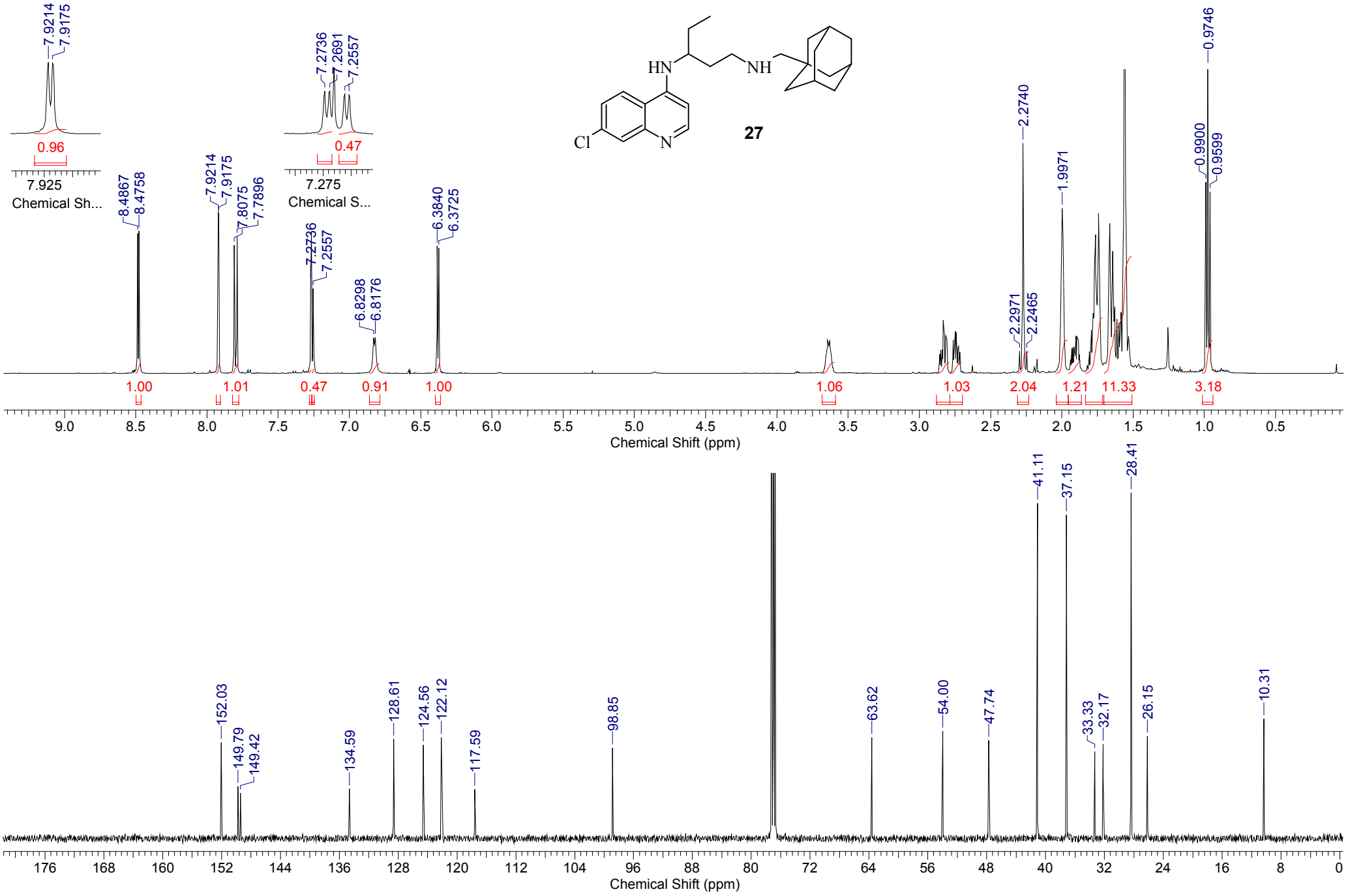

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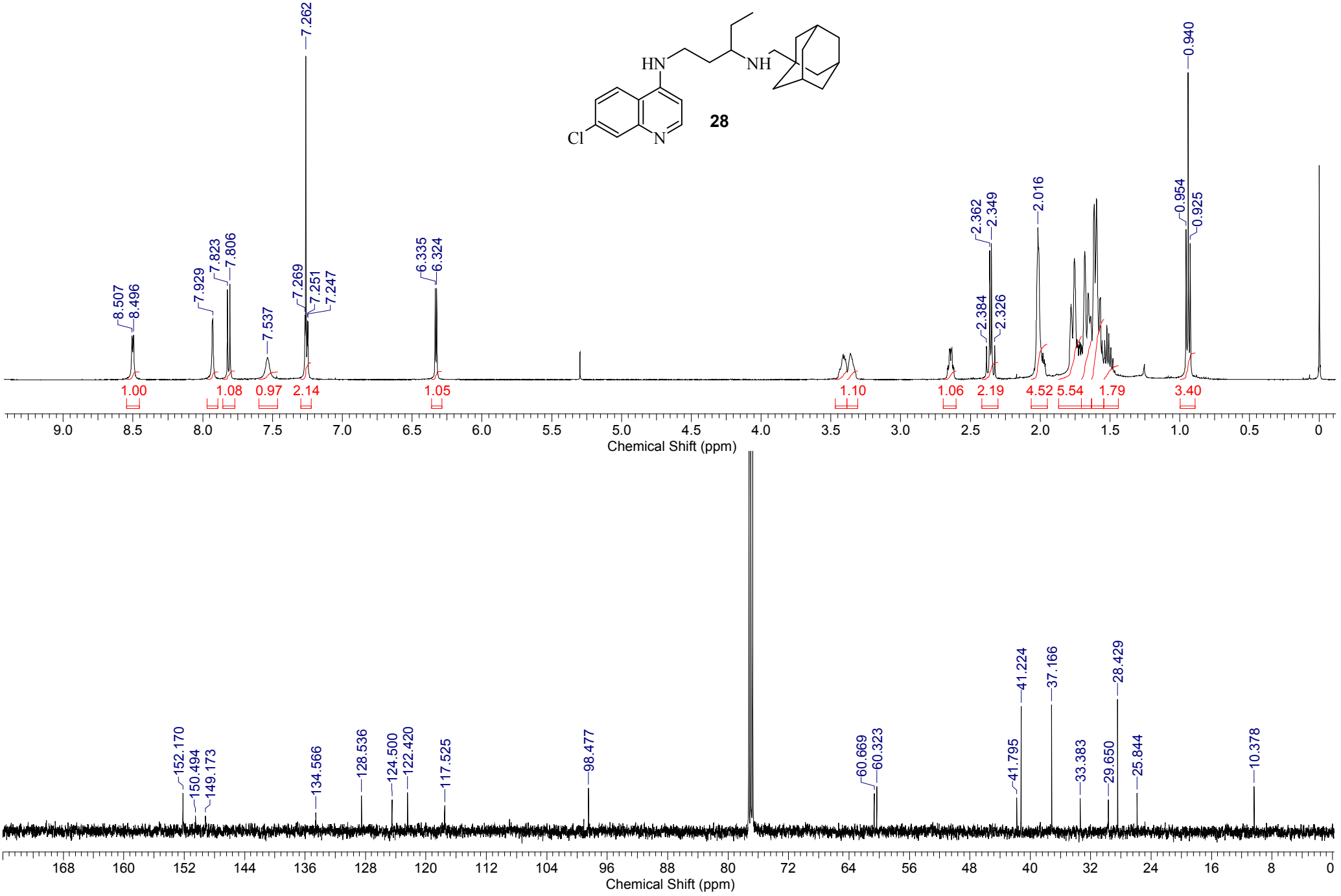

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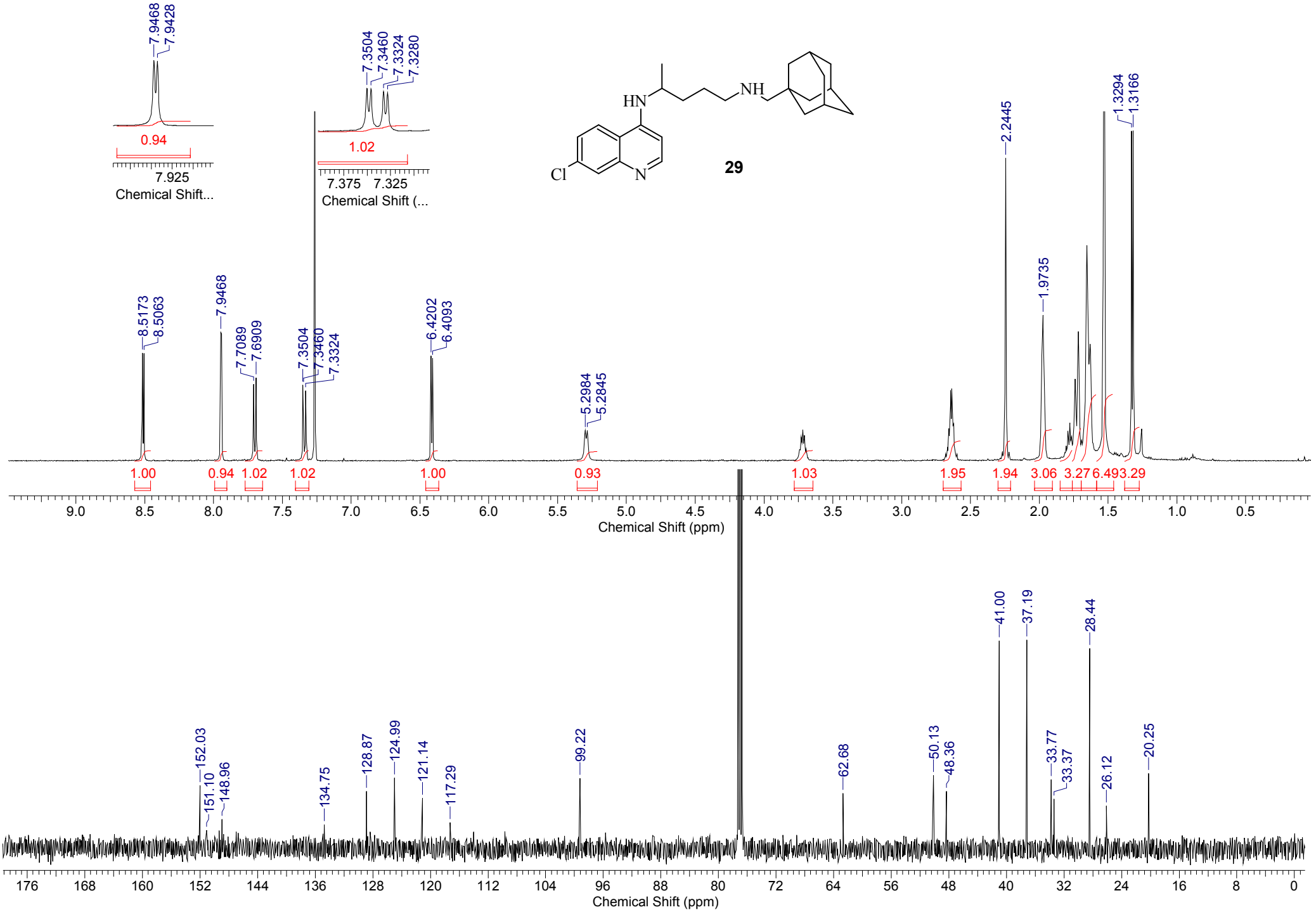

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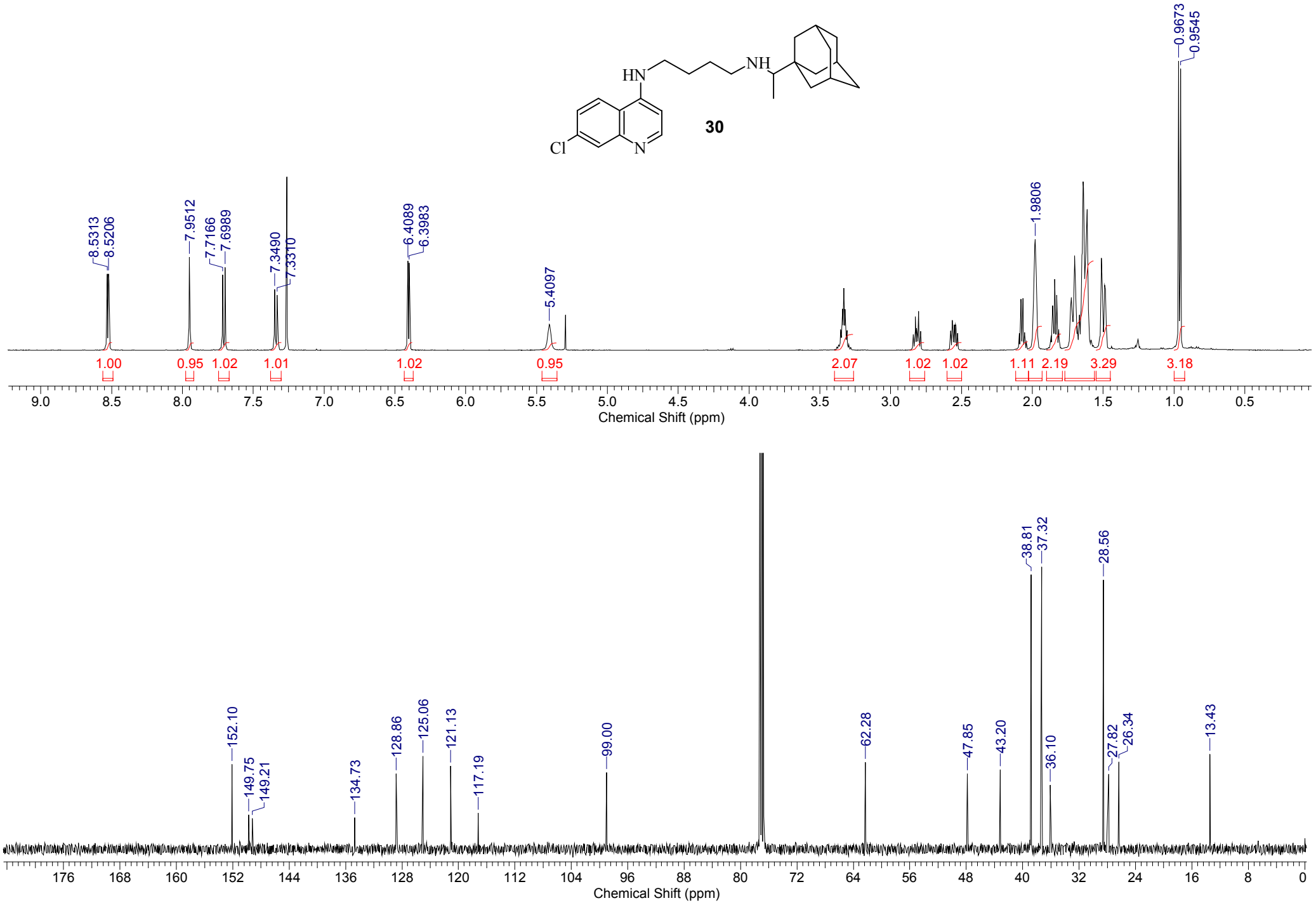

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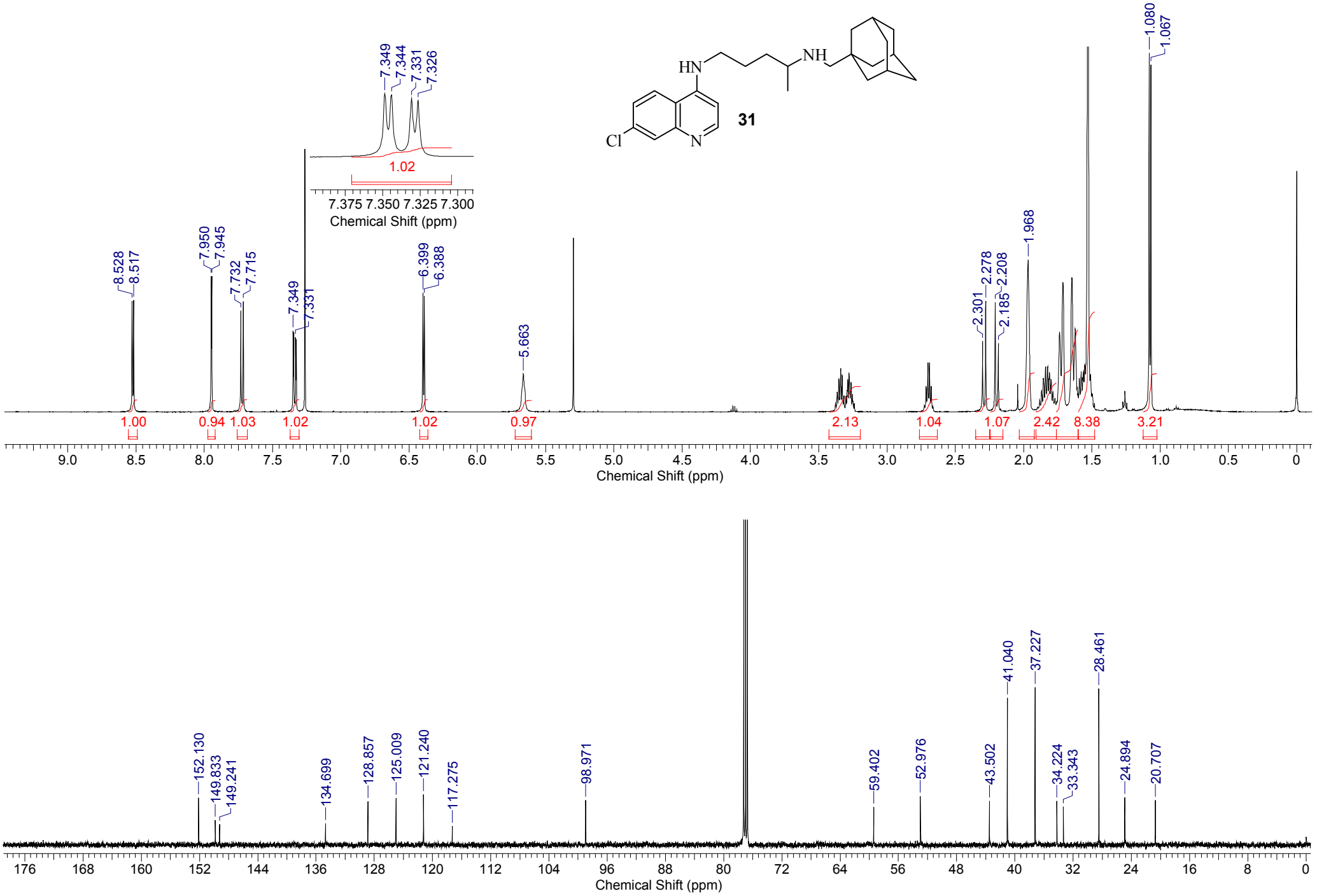

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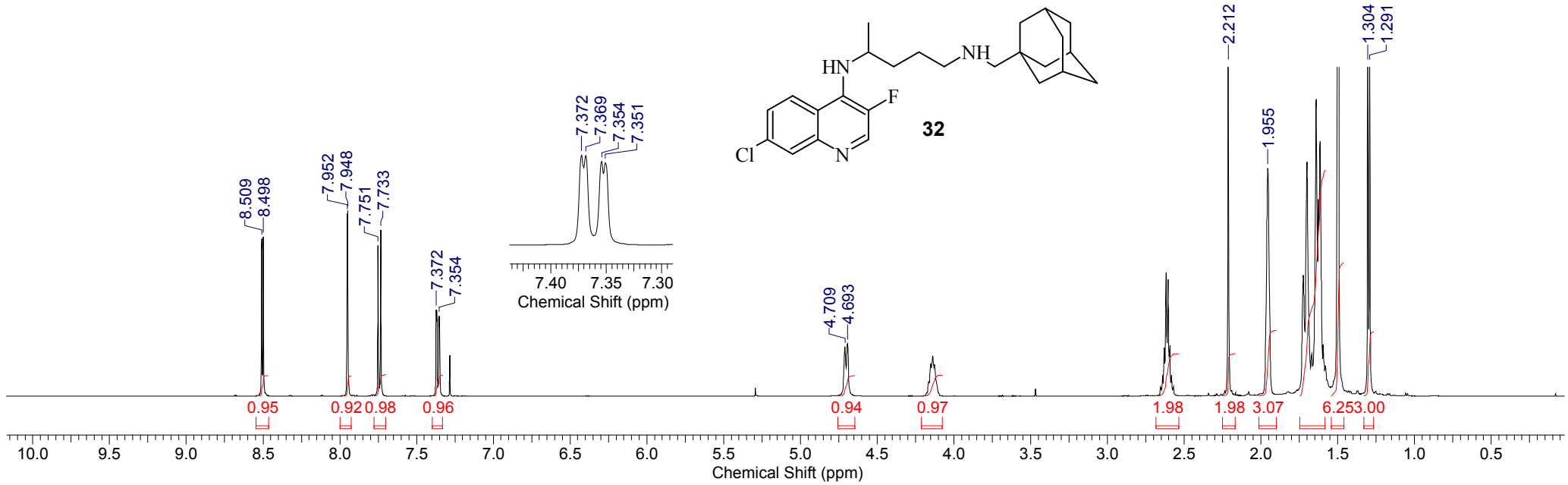


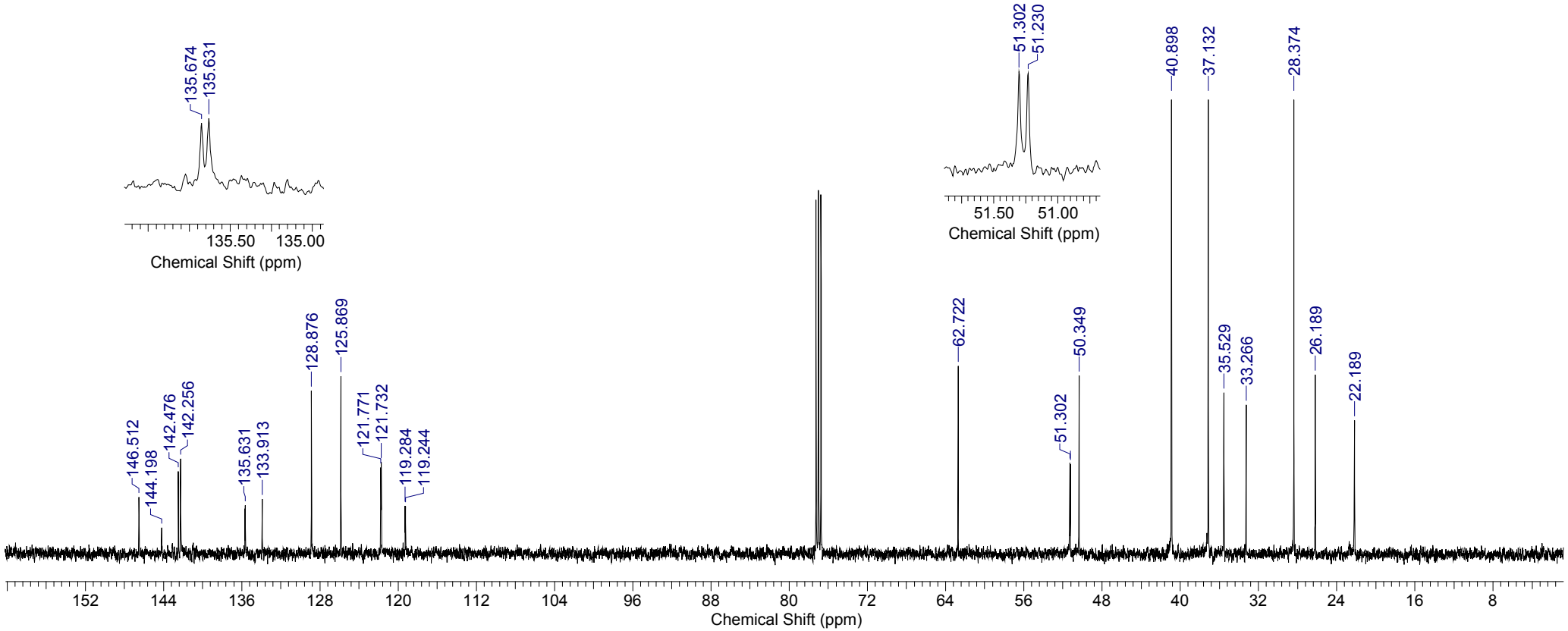

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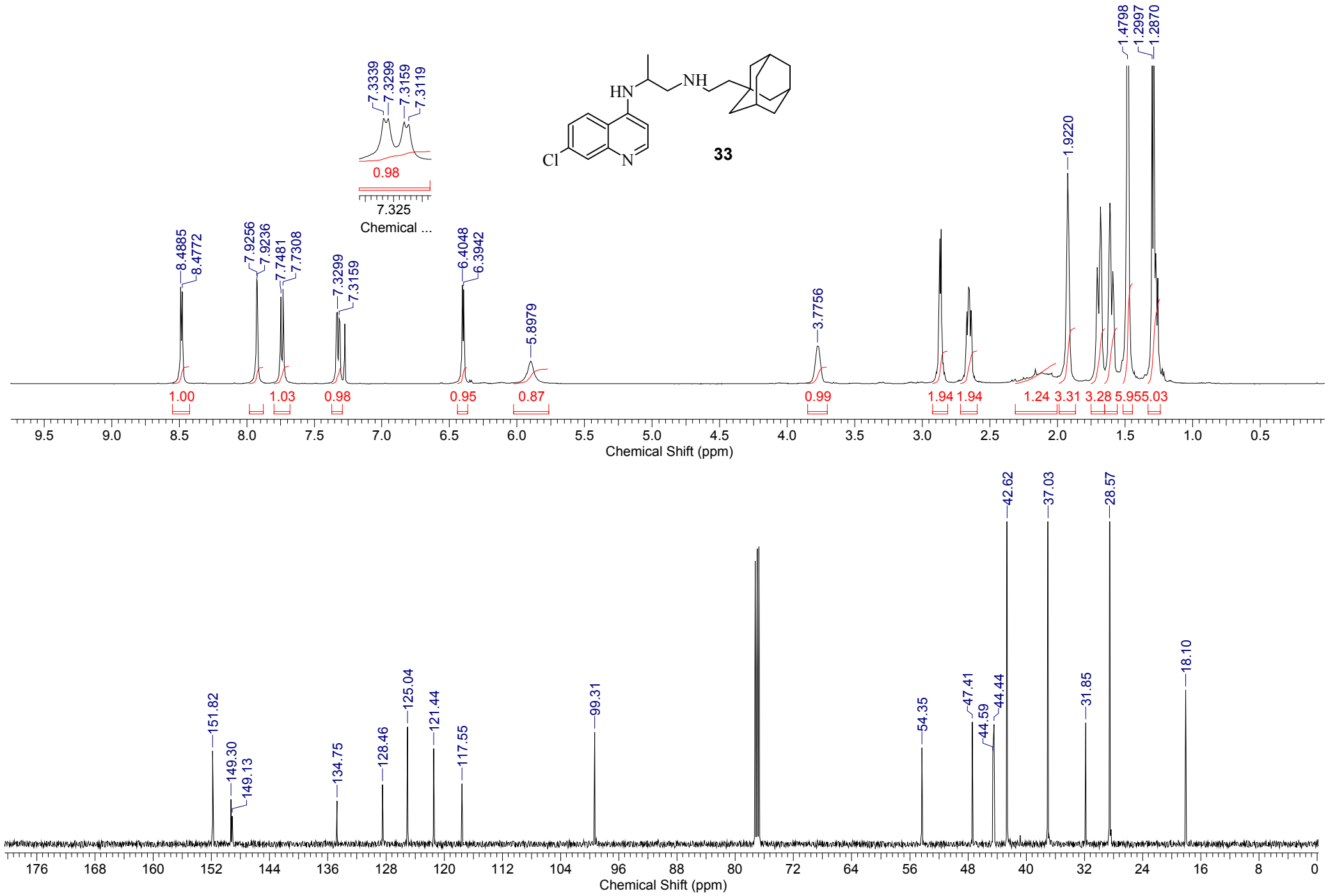

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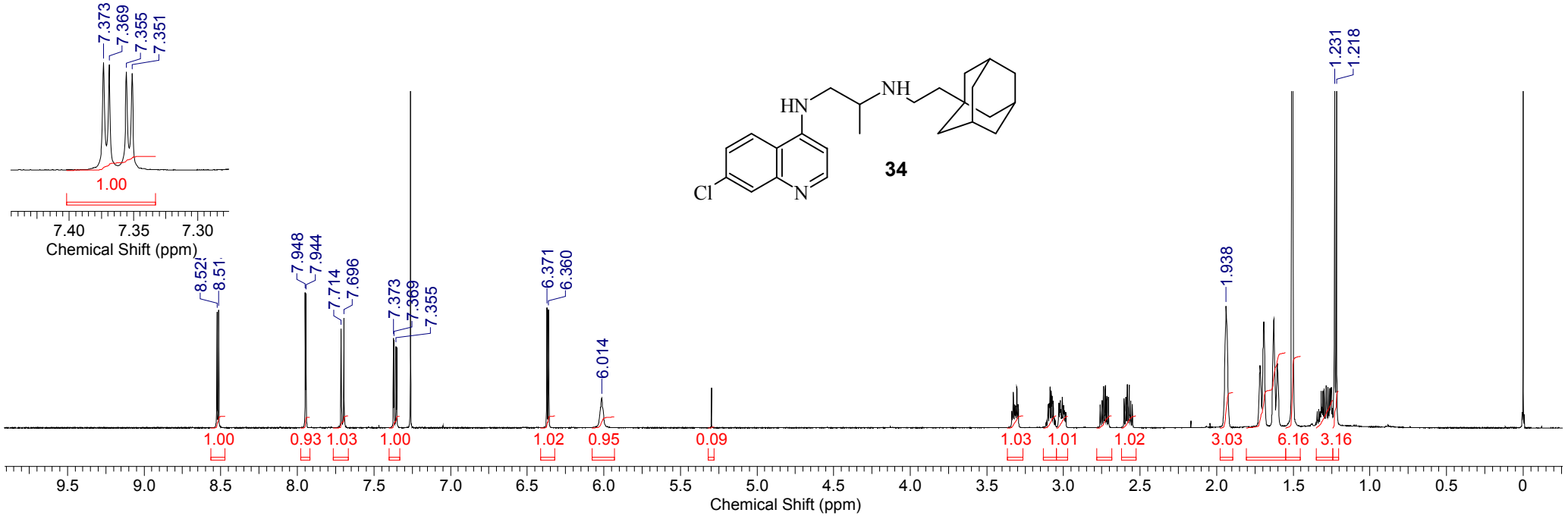


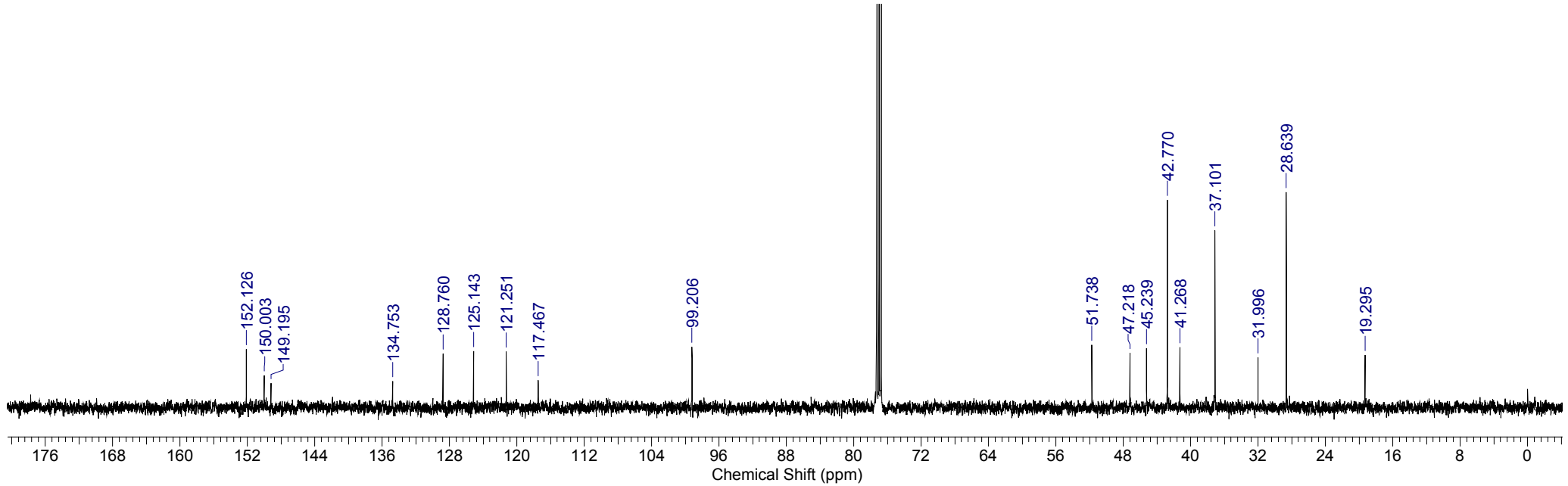

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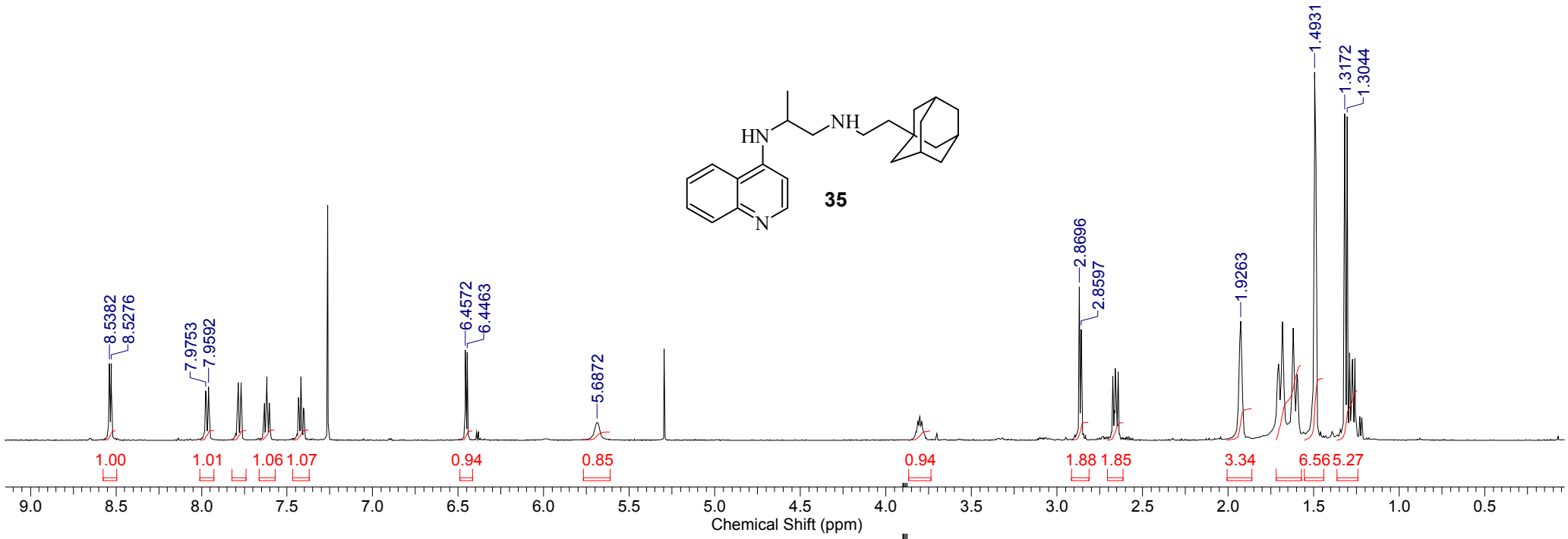


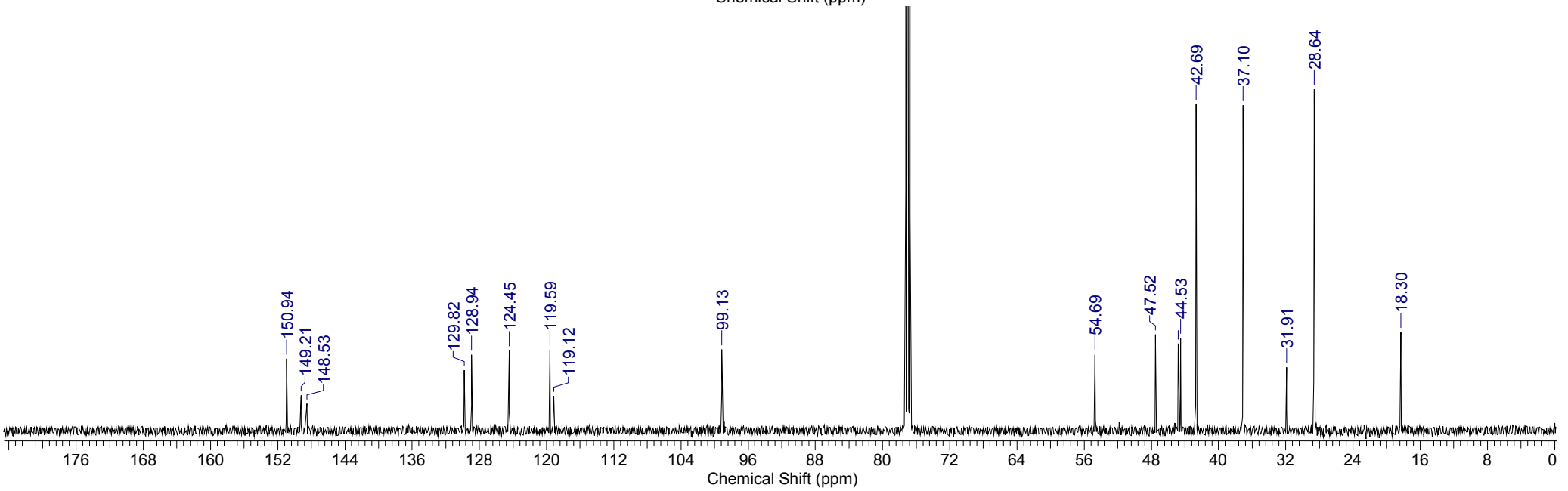

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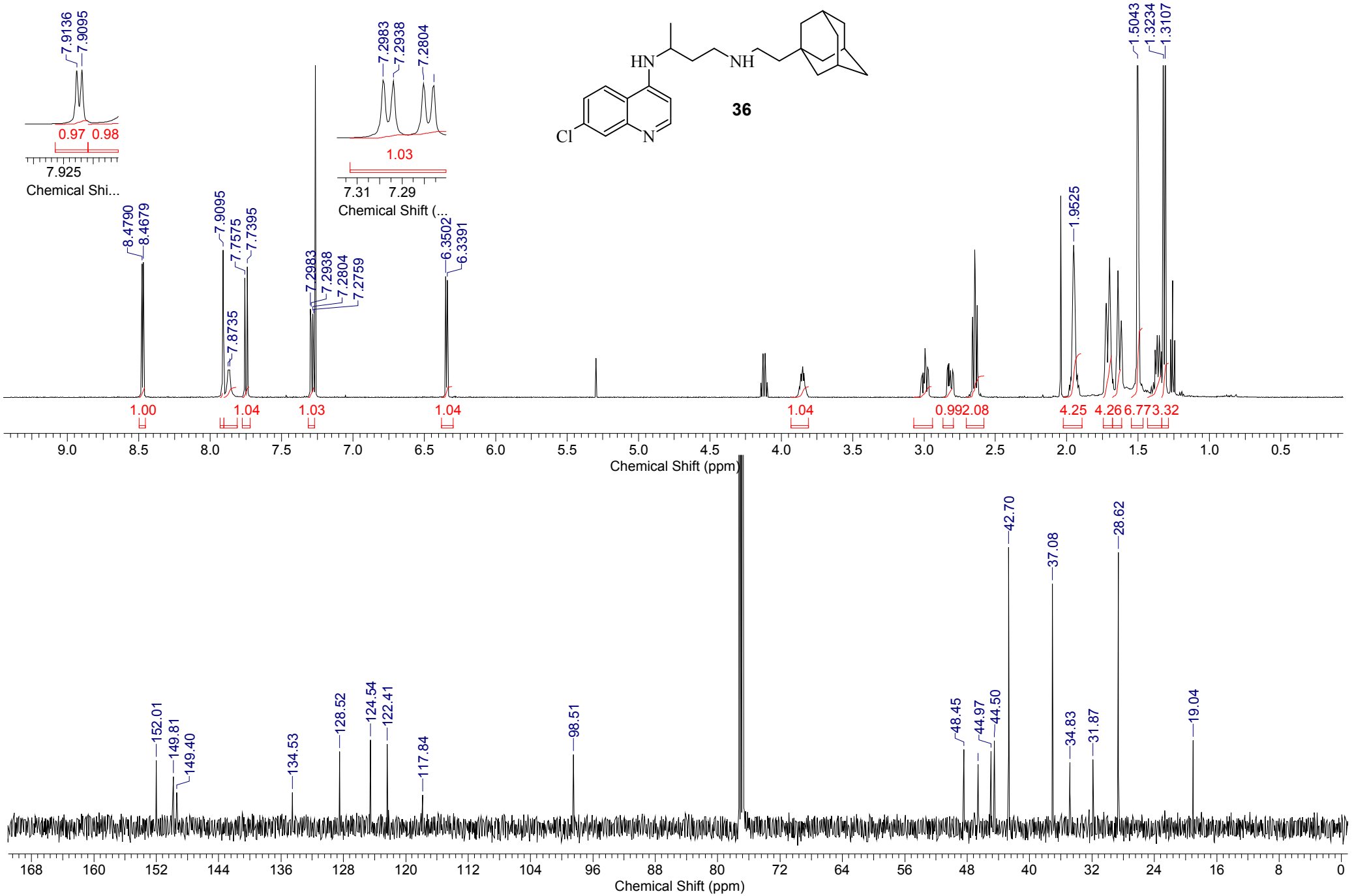

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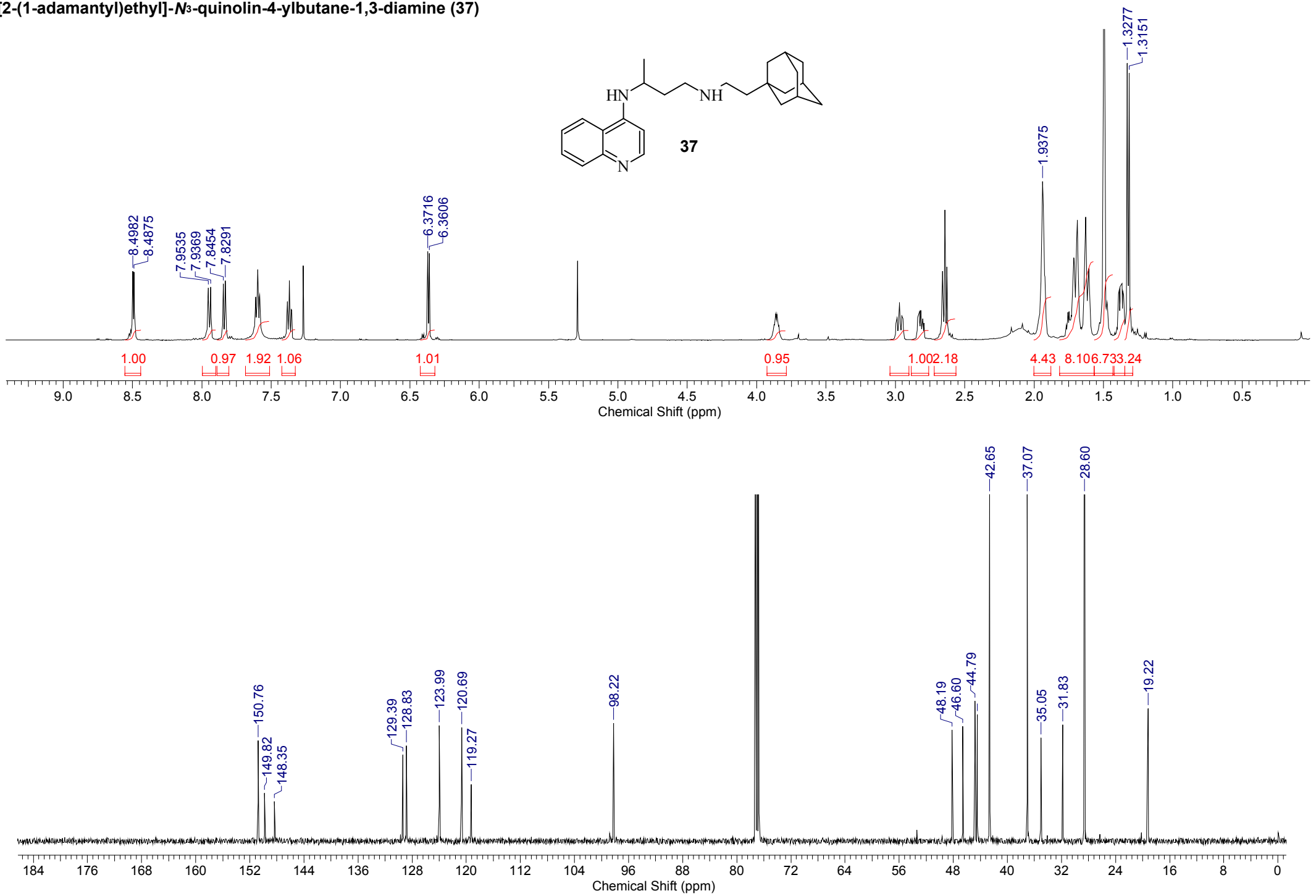
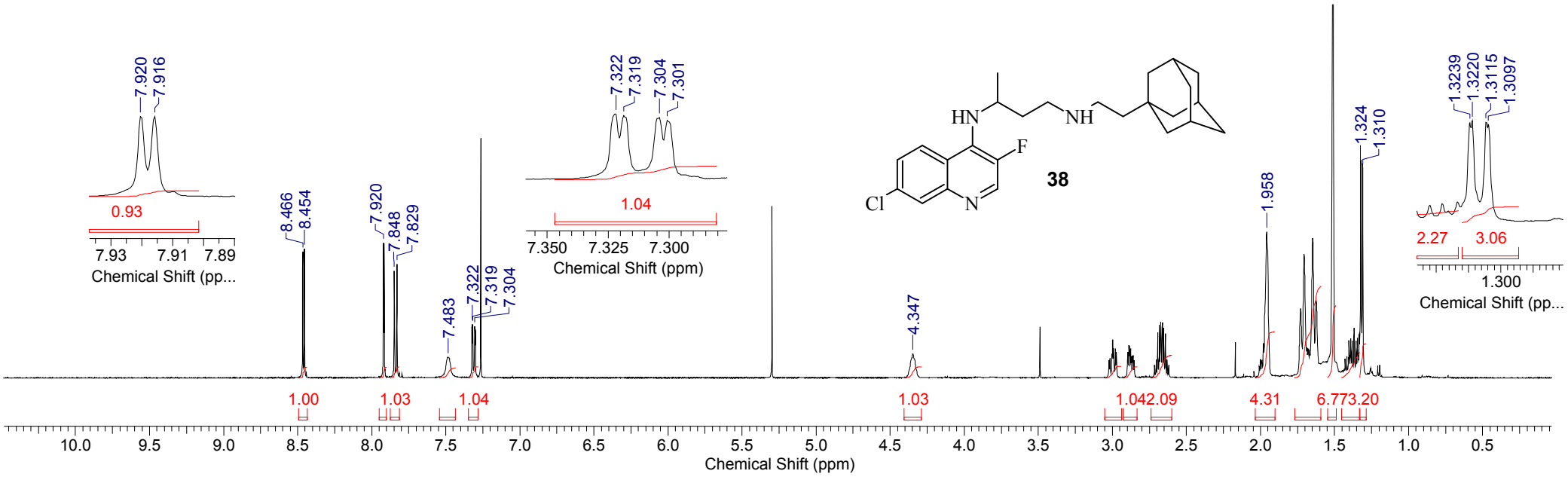
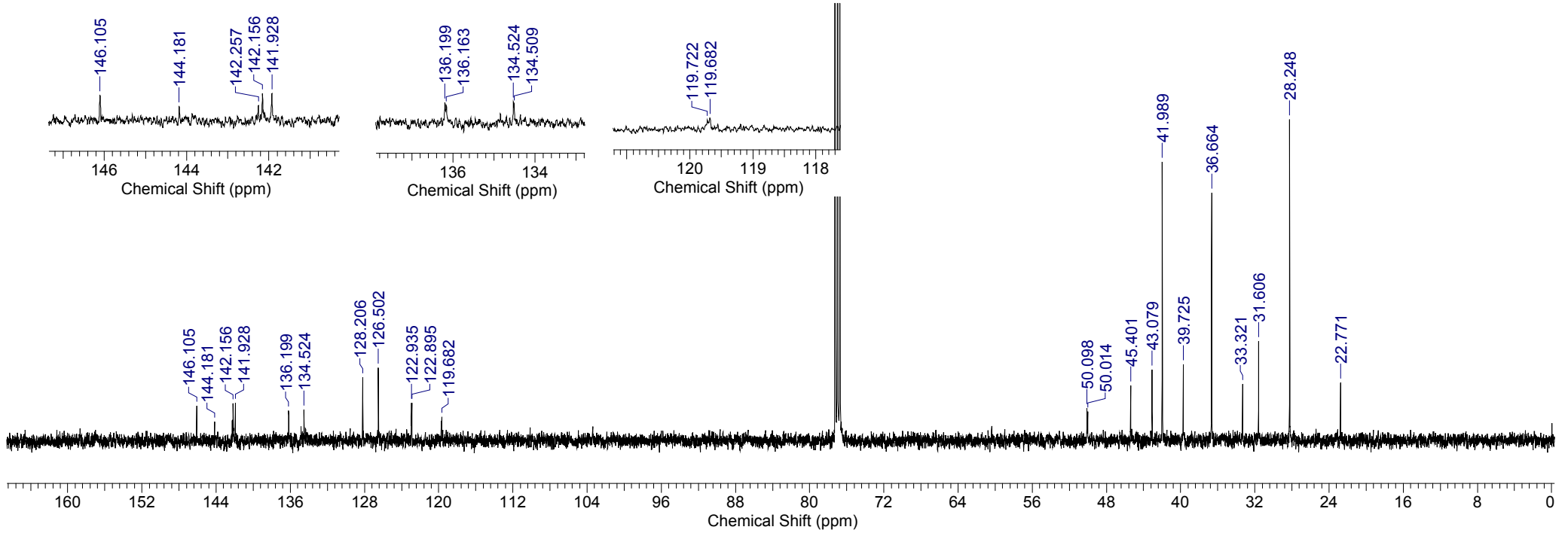


**$N_1$-[2-(1-adamantyl)ethyl]-$N_3$-(7-chloro-3-fluoroquinolin-4-yl)butane-1,3-diamine (38)**



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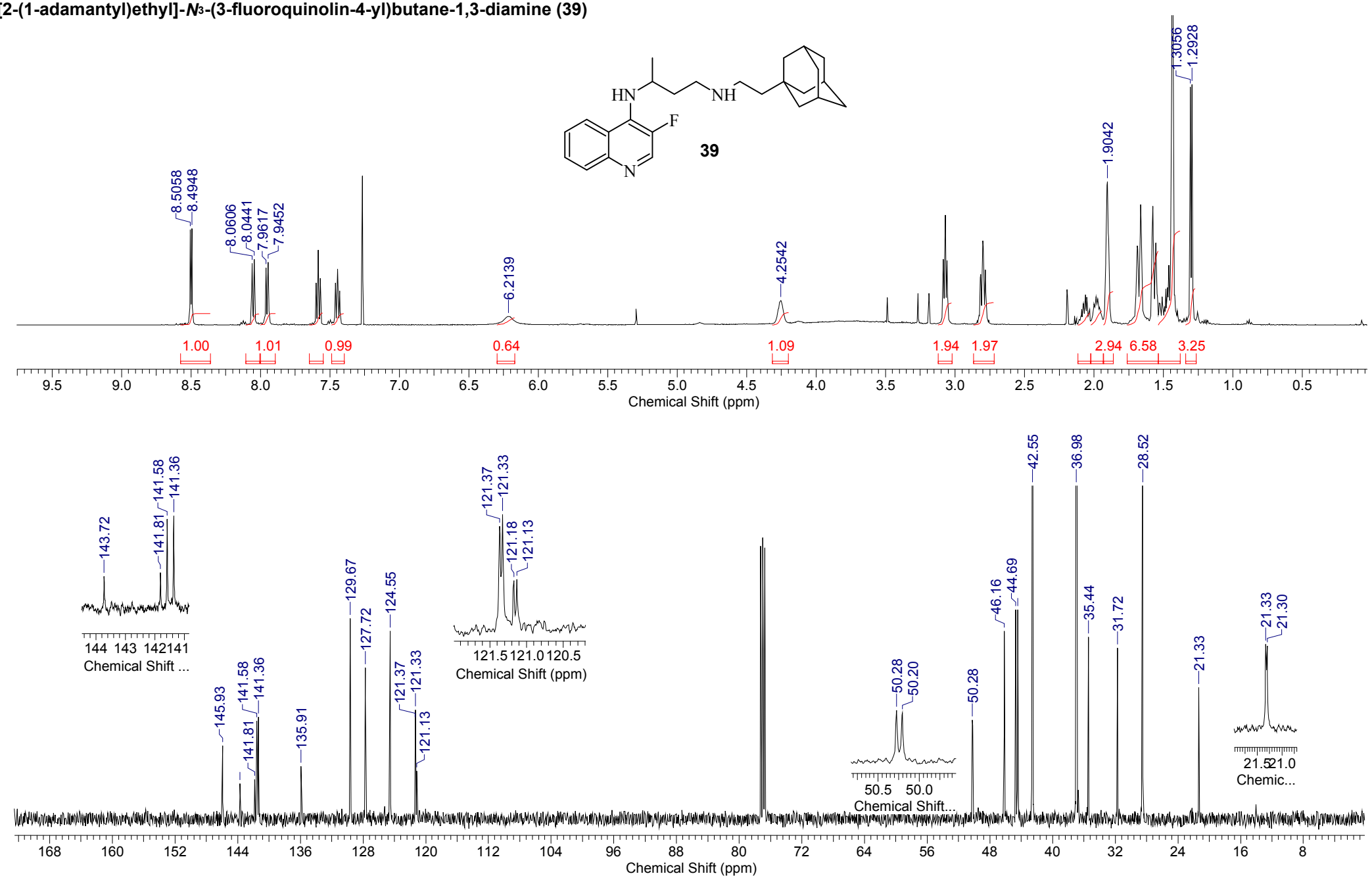

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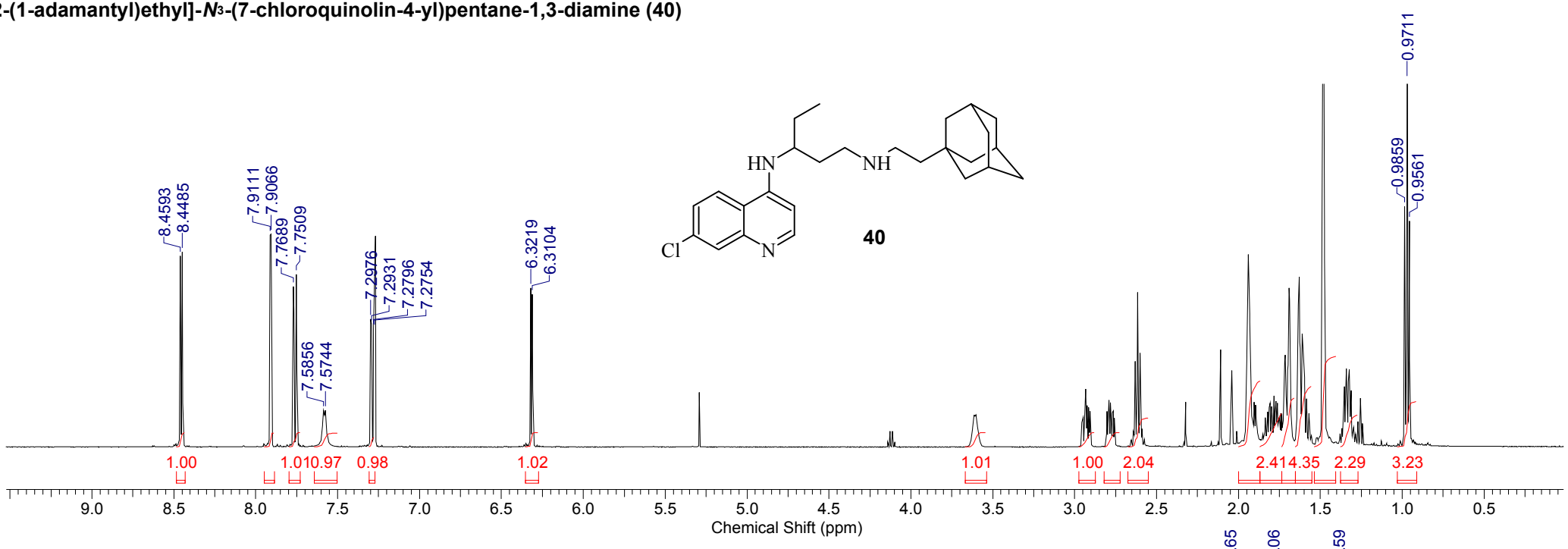


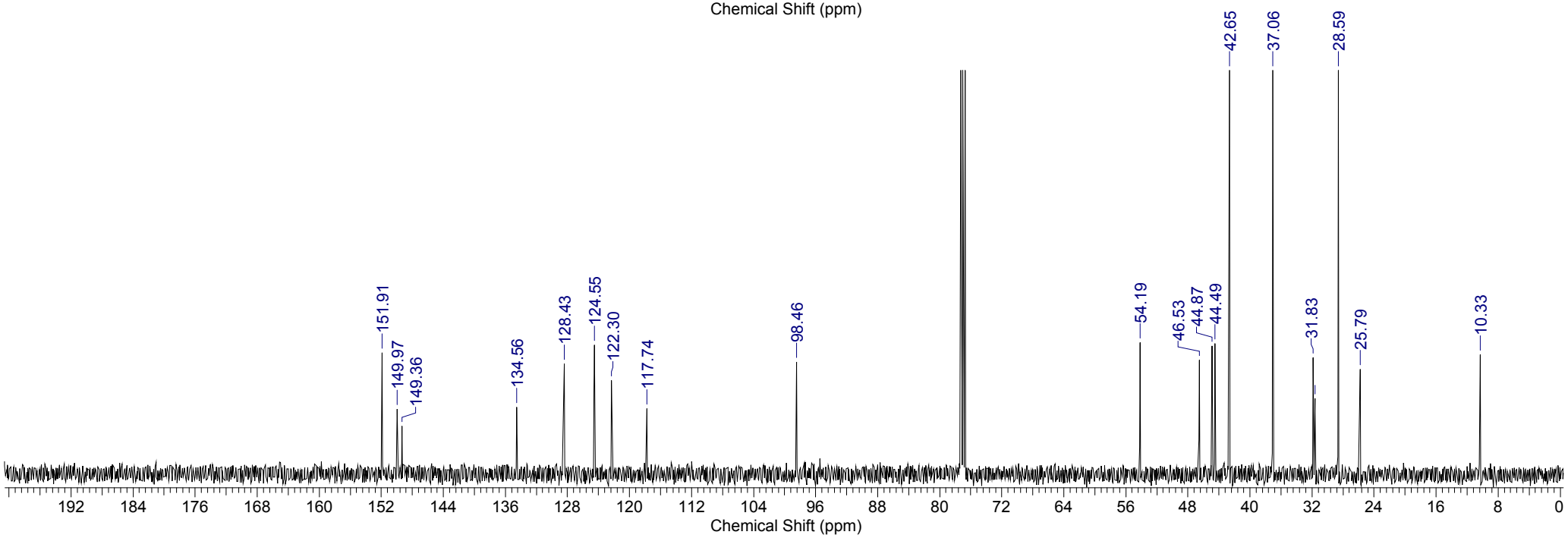

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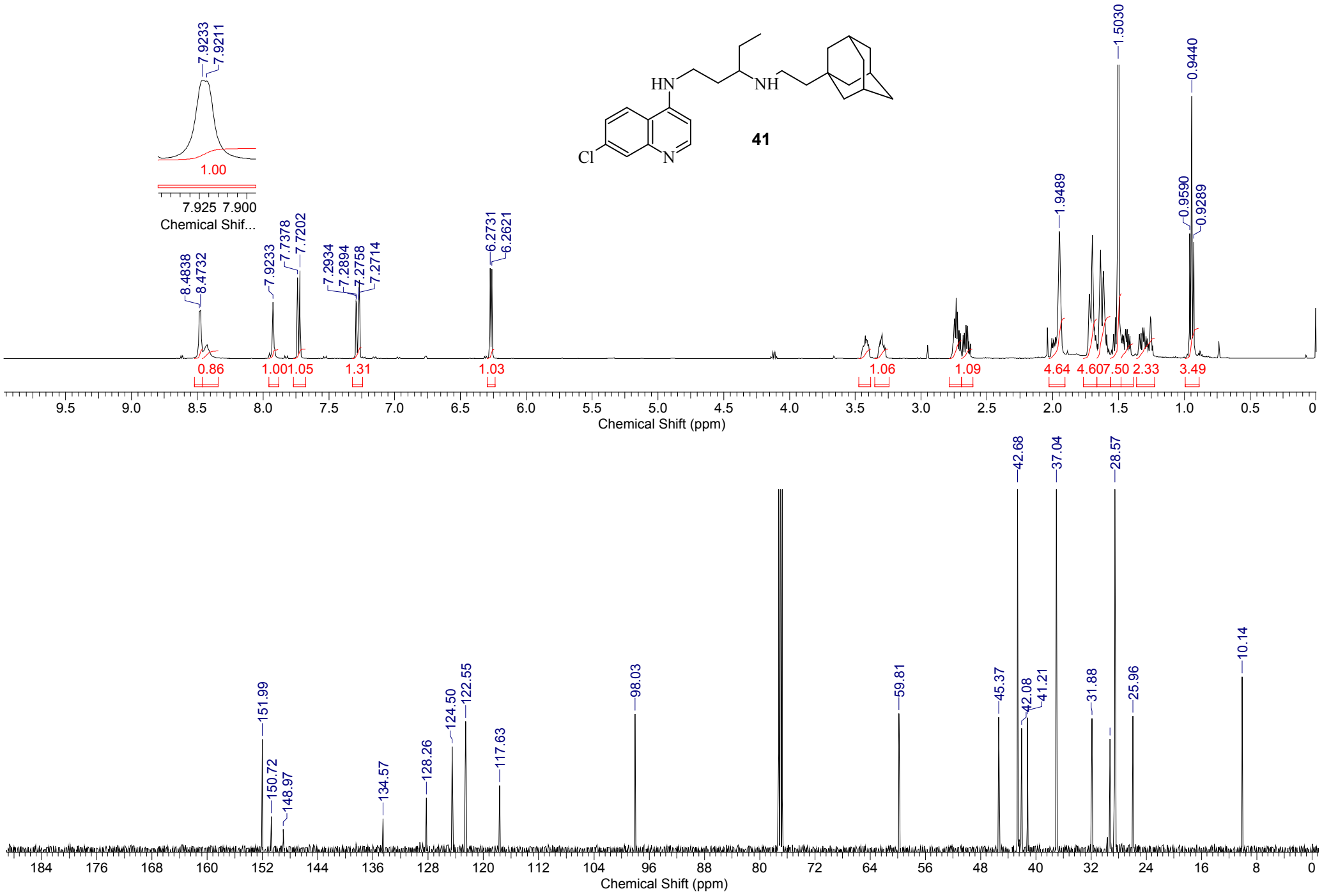

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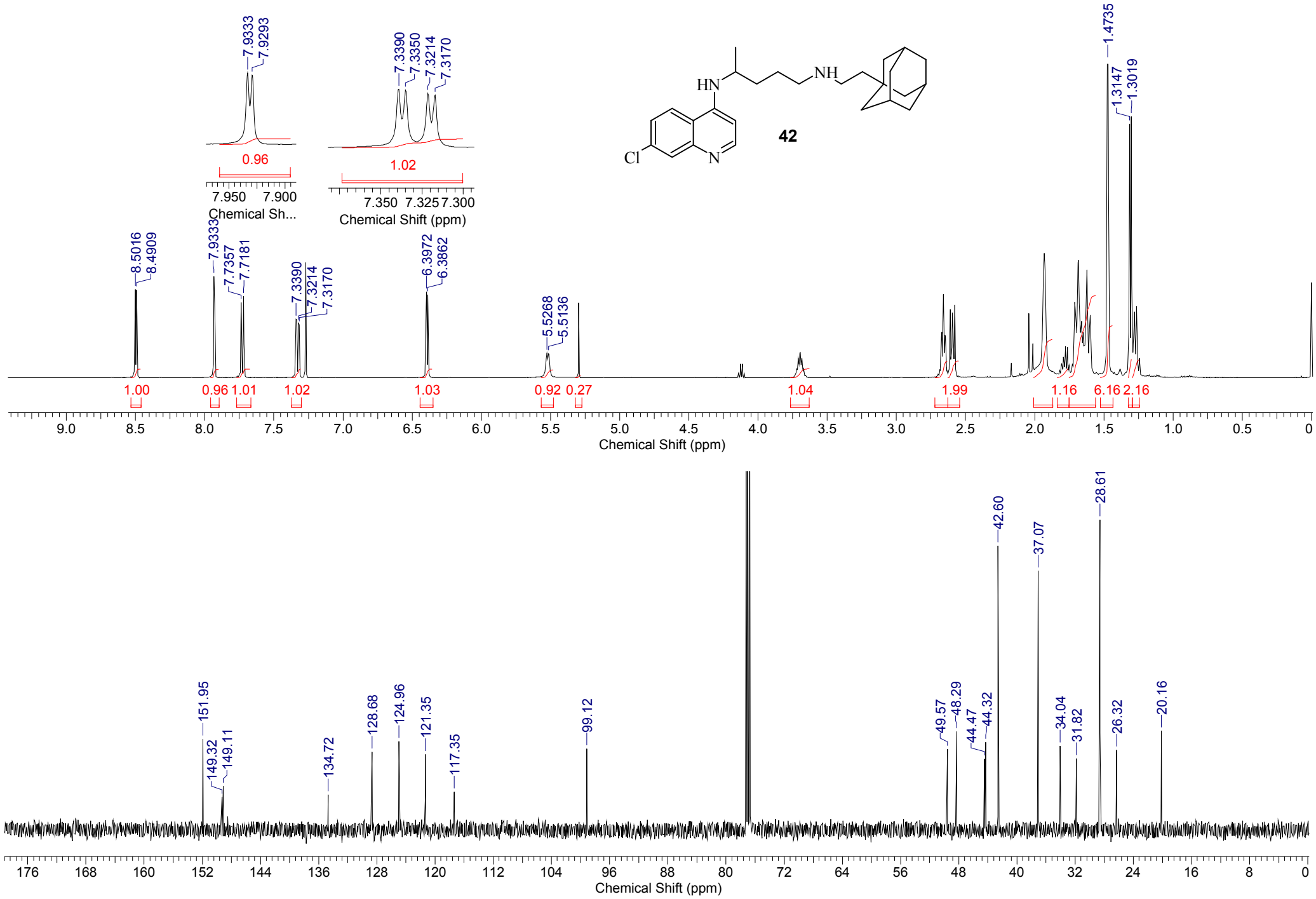

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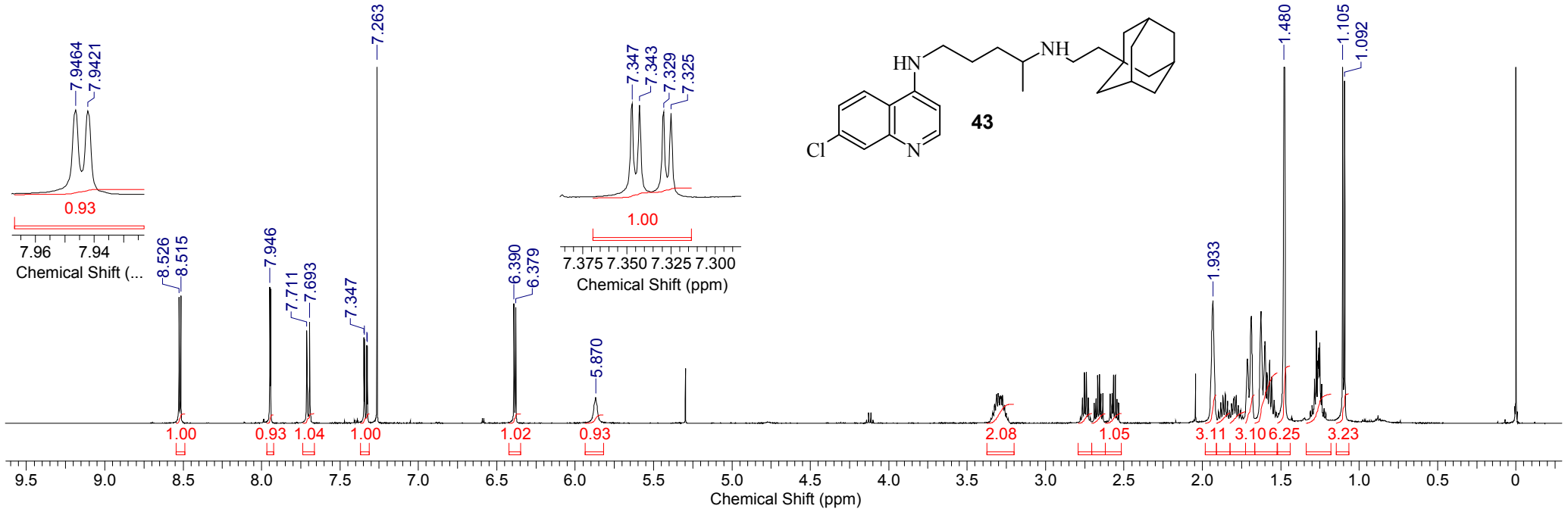


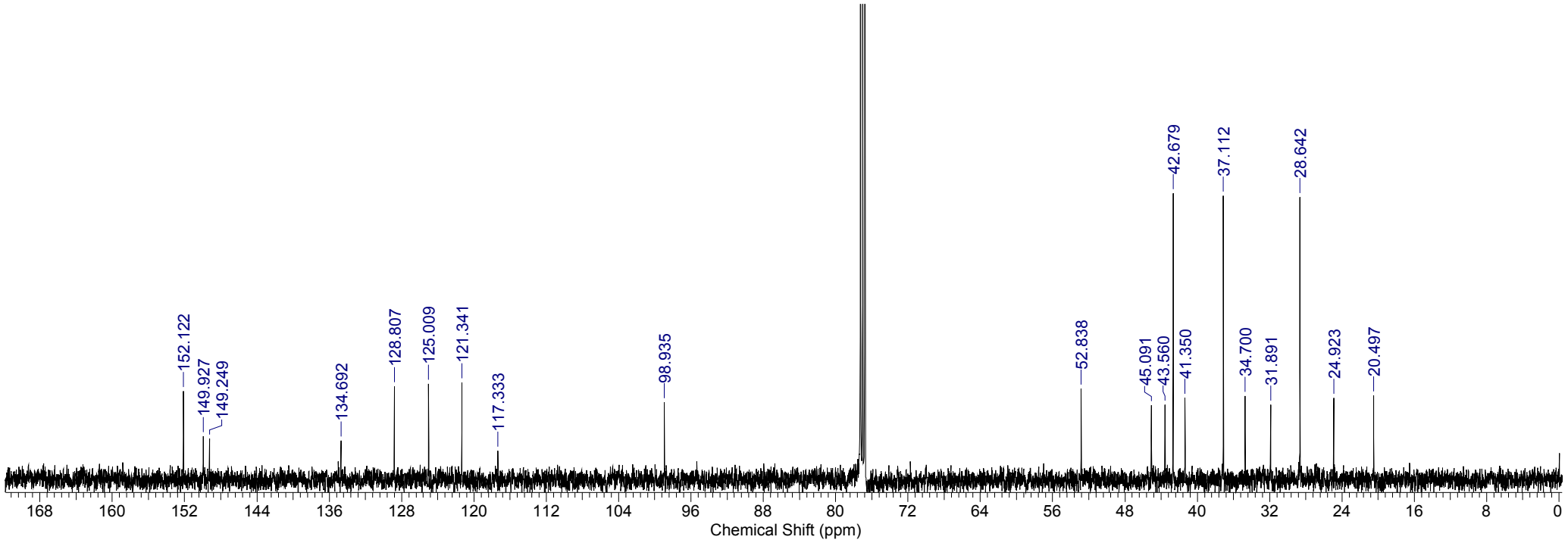

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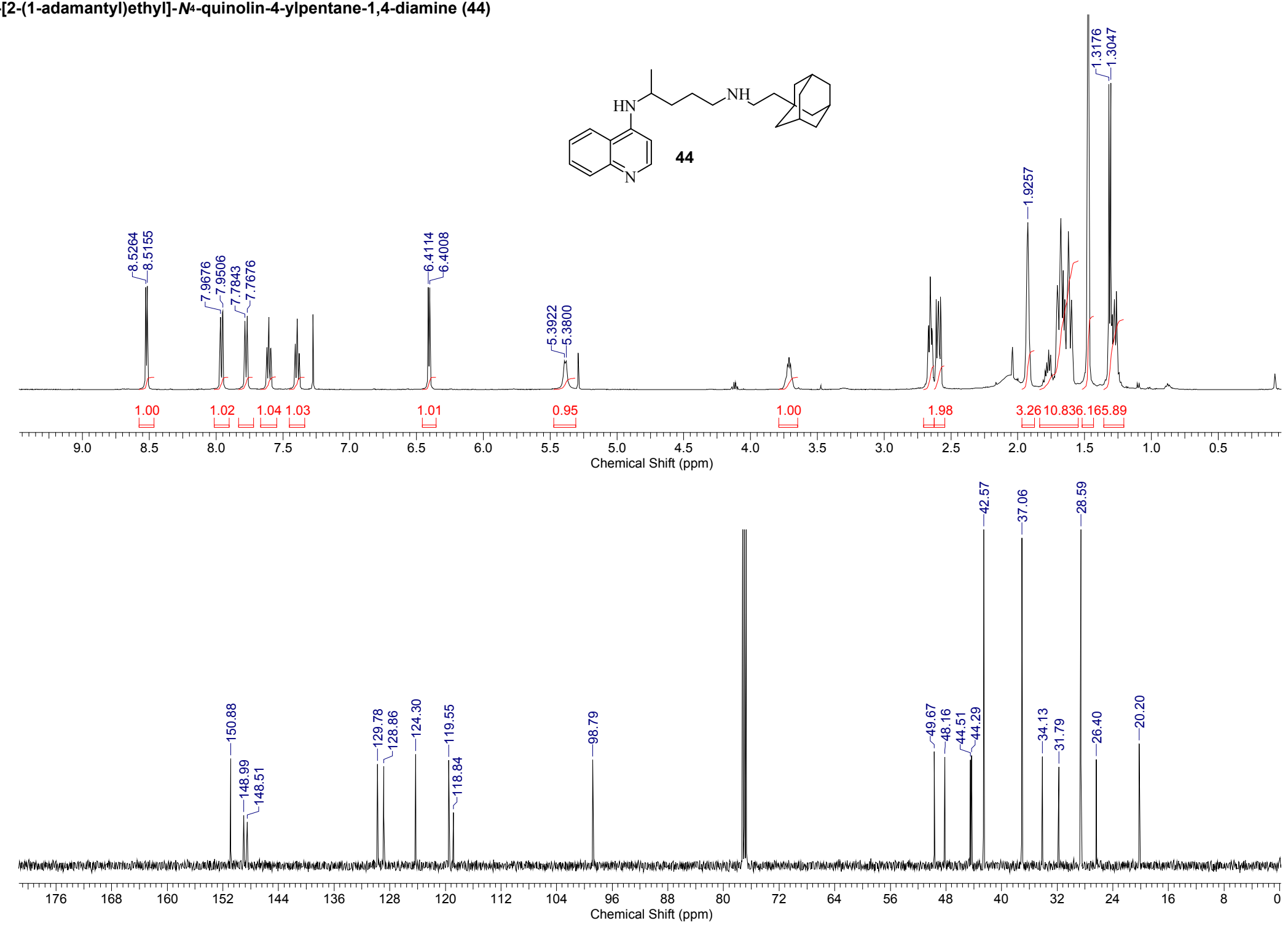

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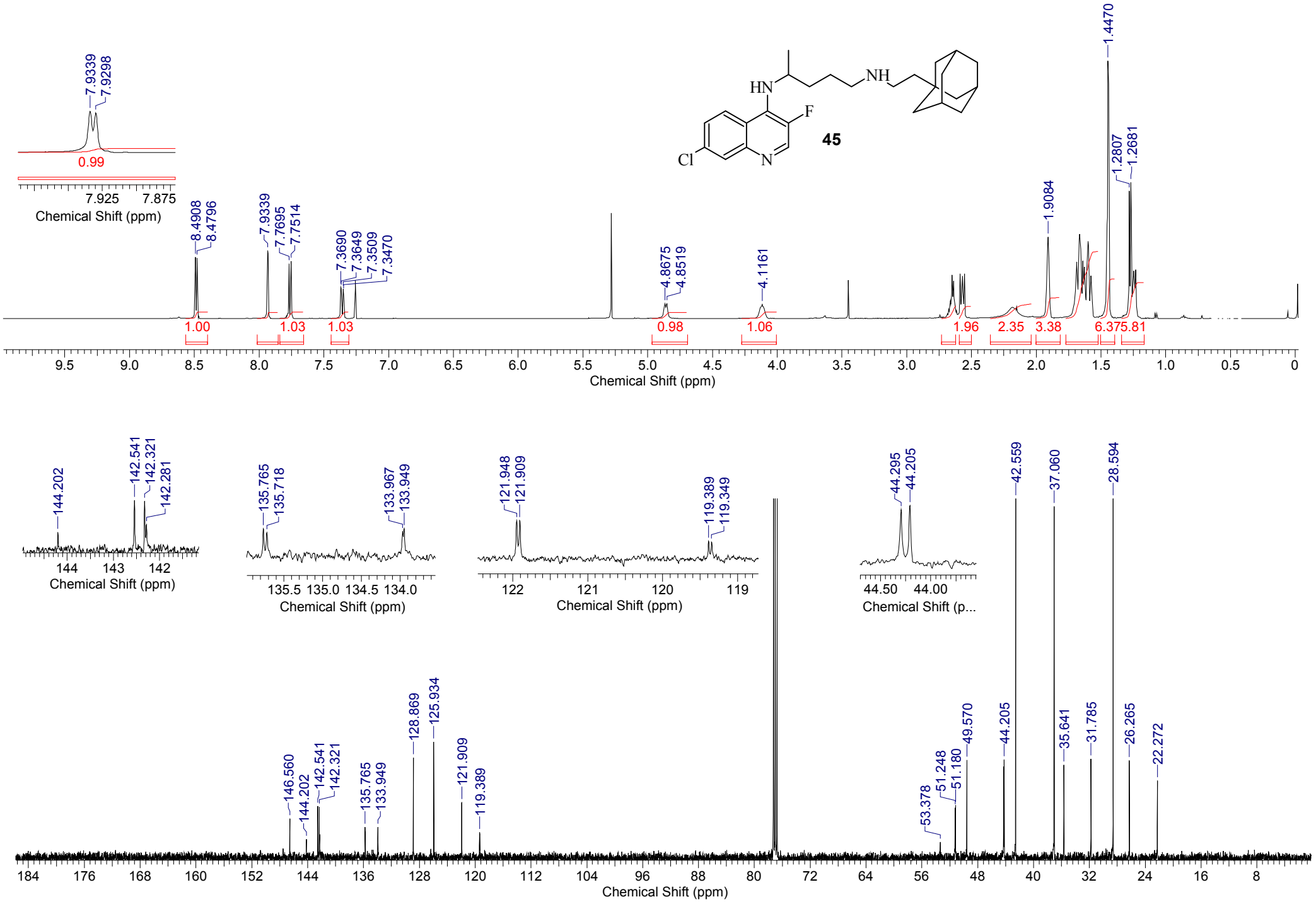
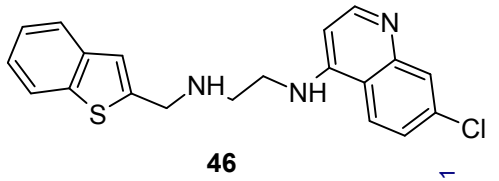


***N*-(1-benzothien-2-ylmethyl)-*N'*-(7-chloroquinolin-4-yl)ethane-1,2-diamine (46)**

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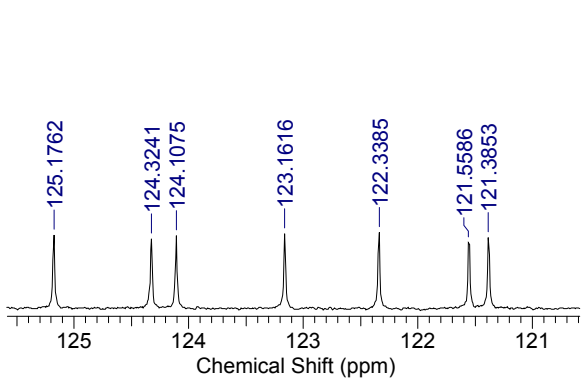

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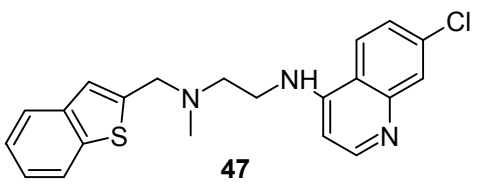


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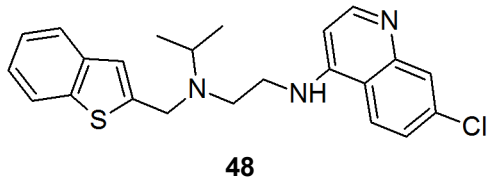
***N*-(1-benzothien-2-ylmethyl)-*N'*-(7-chloroquinolin-4-yl)-*N*-isopropylethane-1,2-diamine (48)**

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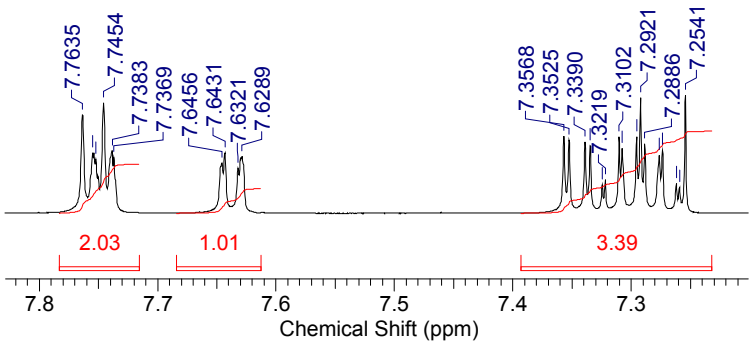


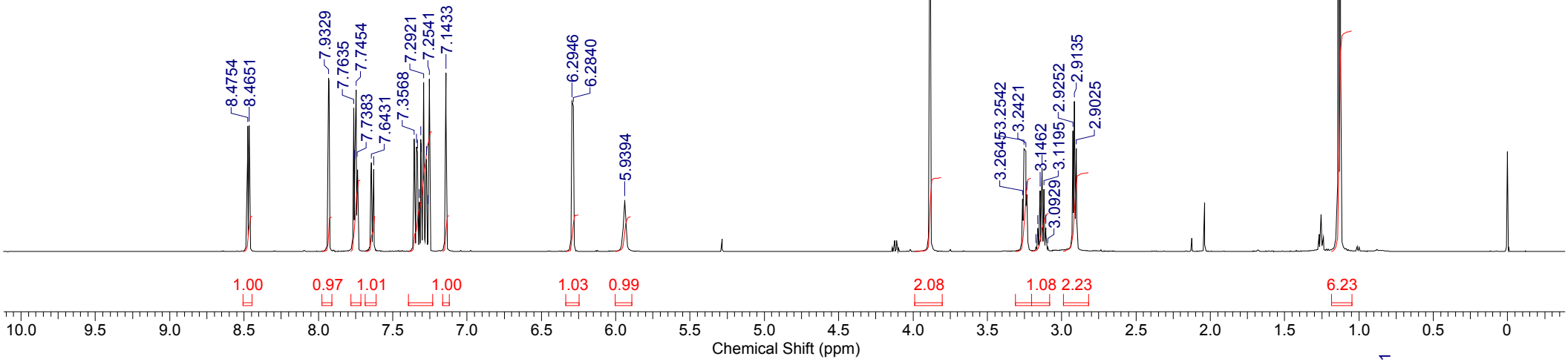


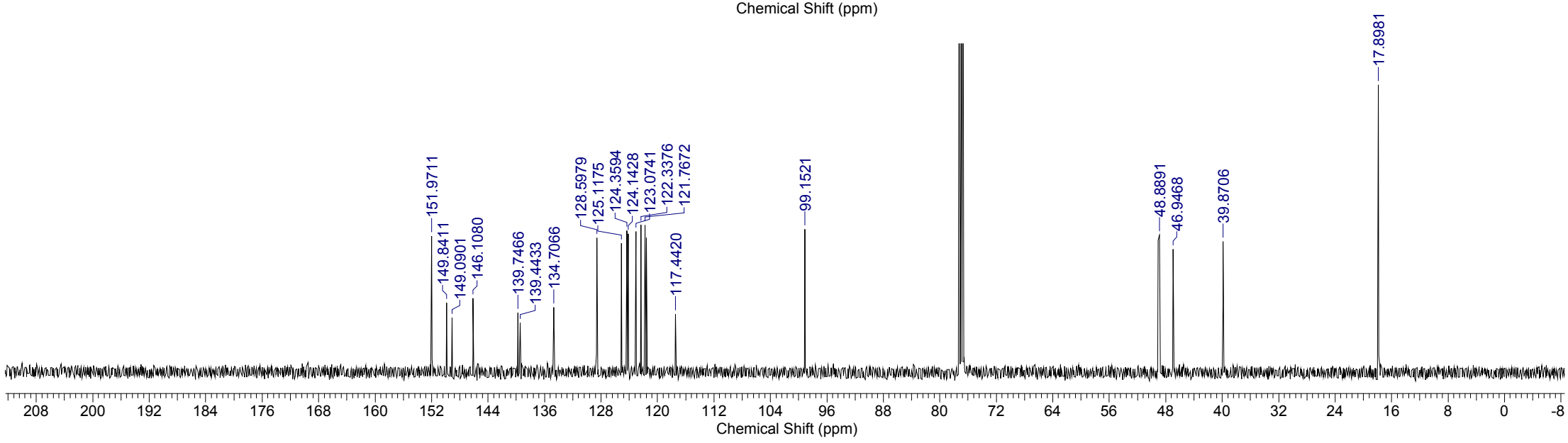

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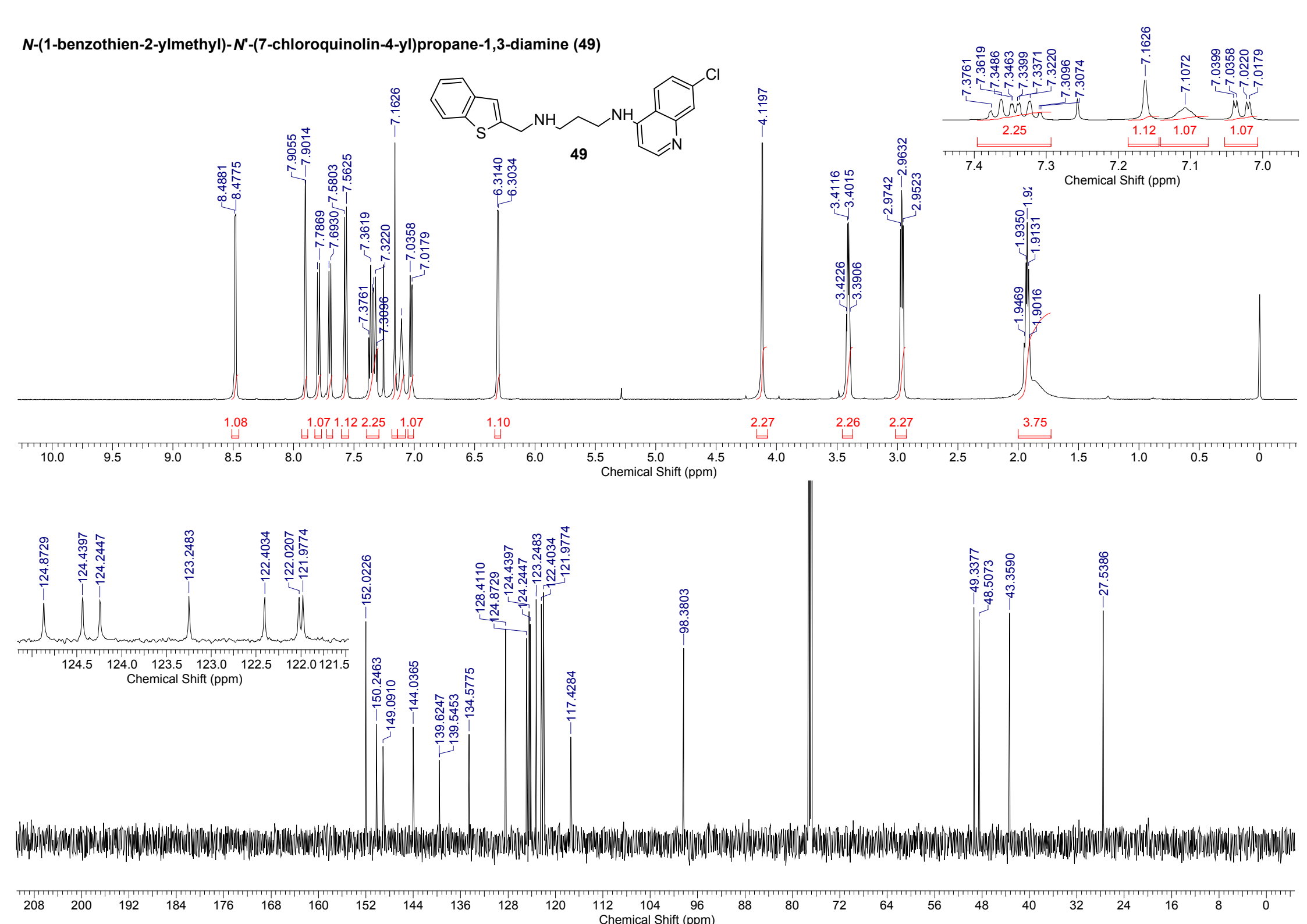

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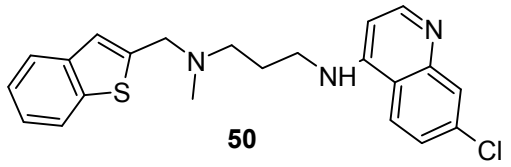
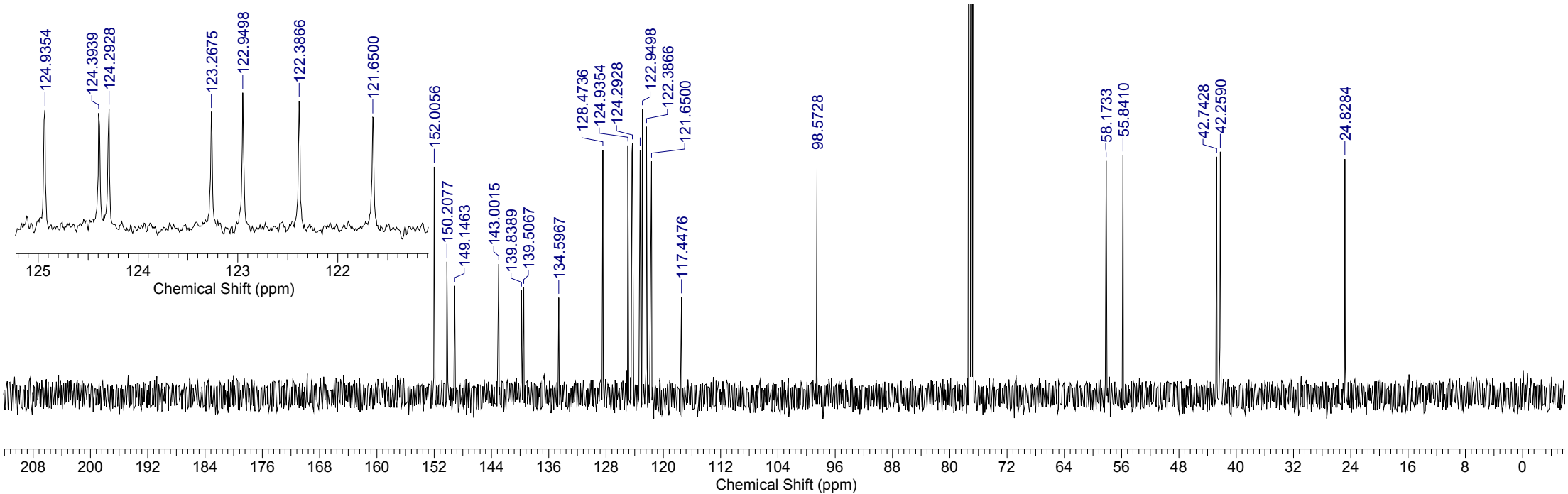
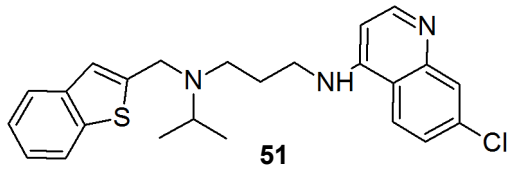



**50**



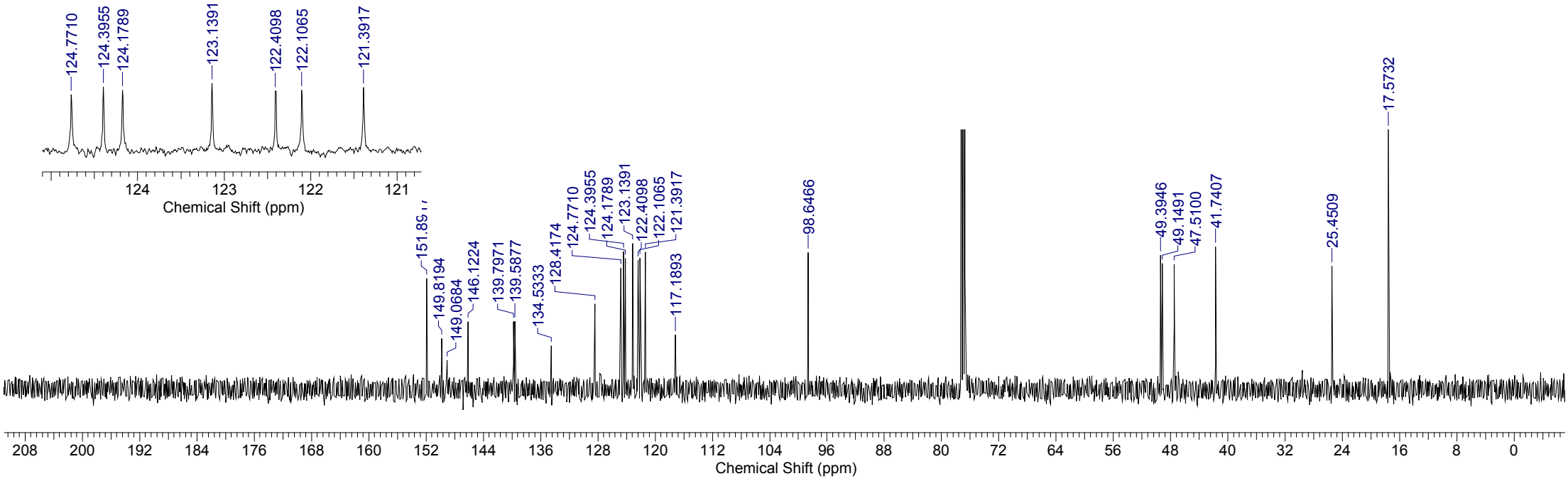



***N*-(1-benzothien-2-ylmethyl)-*N'*-(7-chloroquinolin-4-yl)-*N*-isopropylpropane-1,3-diamine (51)**

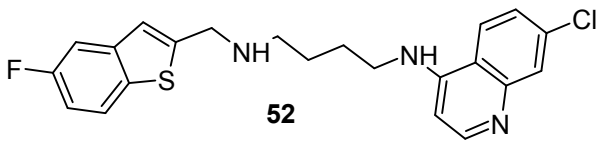






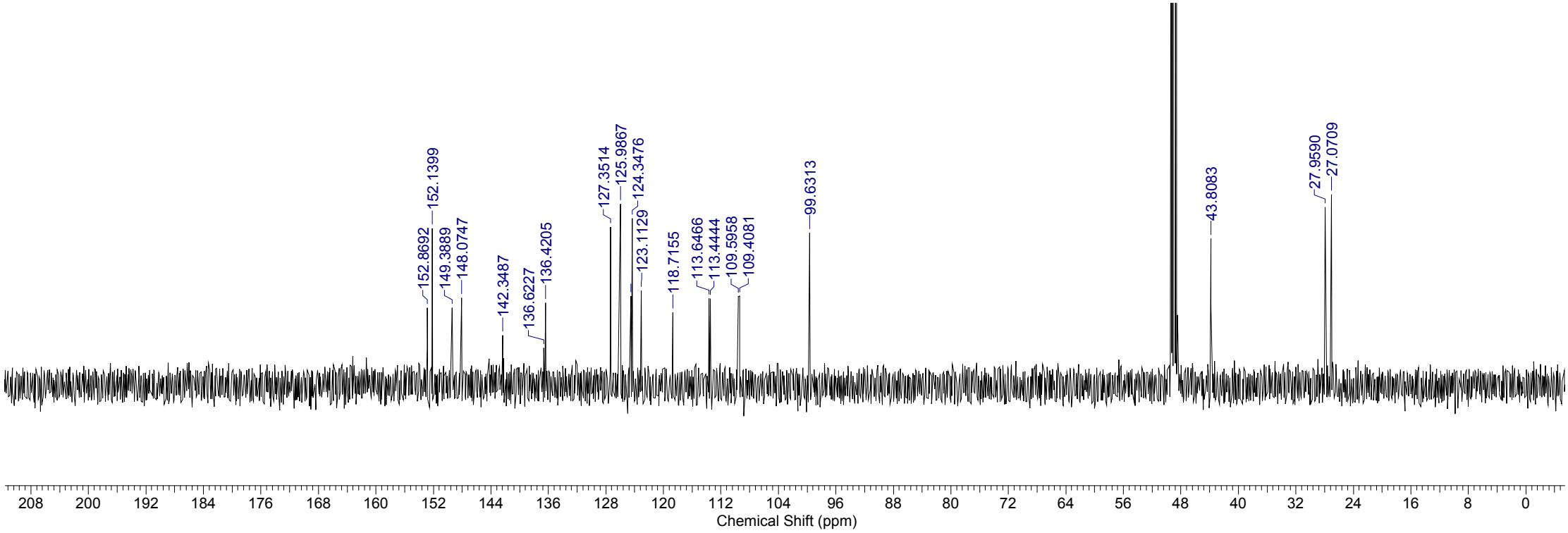


***N*-(7-chloroquinolin-4-yl)-*N'*-[(5-fluoro-1-benzothien-2-yl)methyl]butane-1,4-diamine (52)**

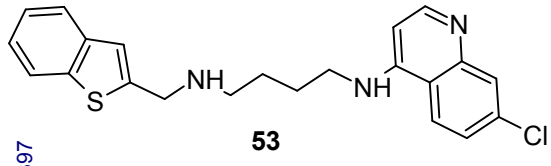



**52**



***N*-(1-benzothien-2-ylmethyl)-*N'*-(7-chloroquinolin-4-yl)butane-1,4-diamine (53)**

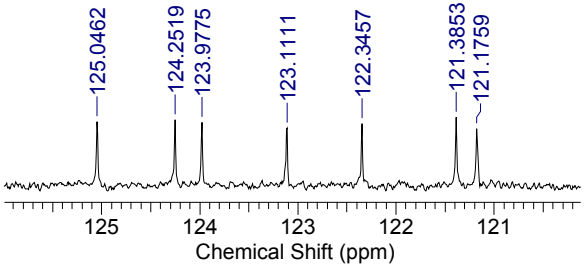



**53**

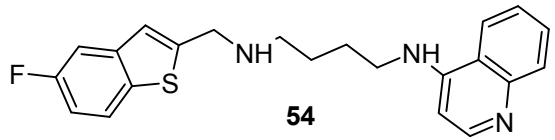






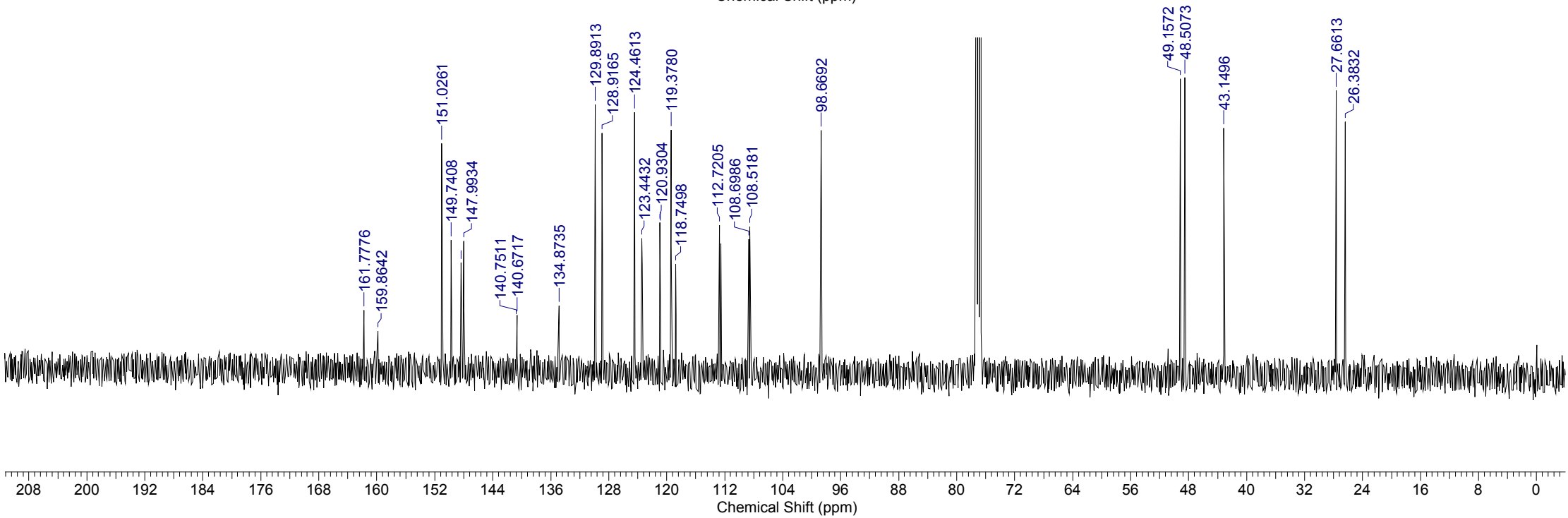


***N*-[(5-fluoro-1-benzothien-2-yl)methyl]-*N'*-quinolin-4-ylbutane-1,4-diamine (54)**

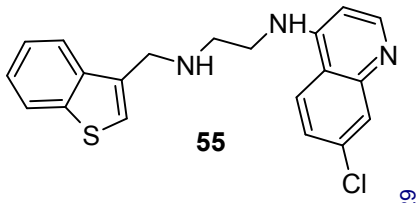



**54**



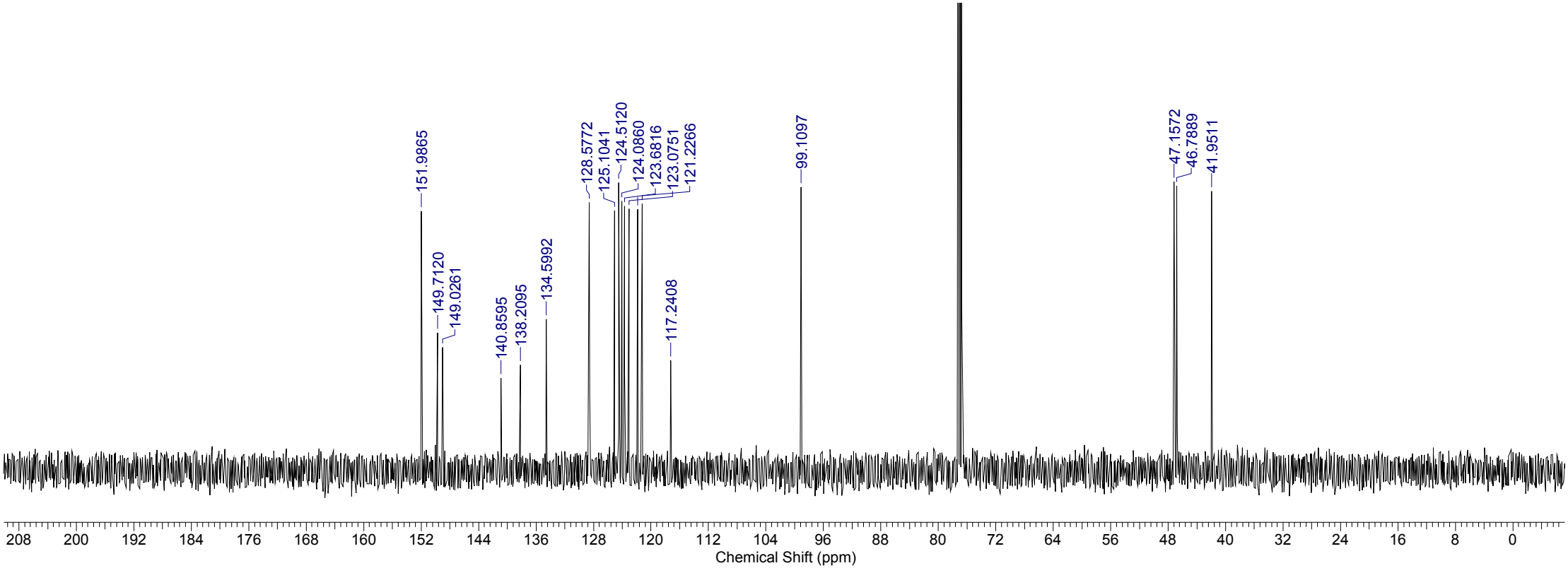



***N*-(1-benzothien-3-ylmethyl)-*N'*-(7-chloroquinolin-4-yl)ethane-1,2-diamine (55)**

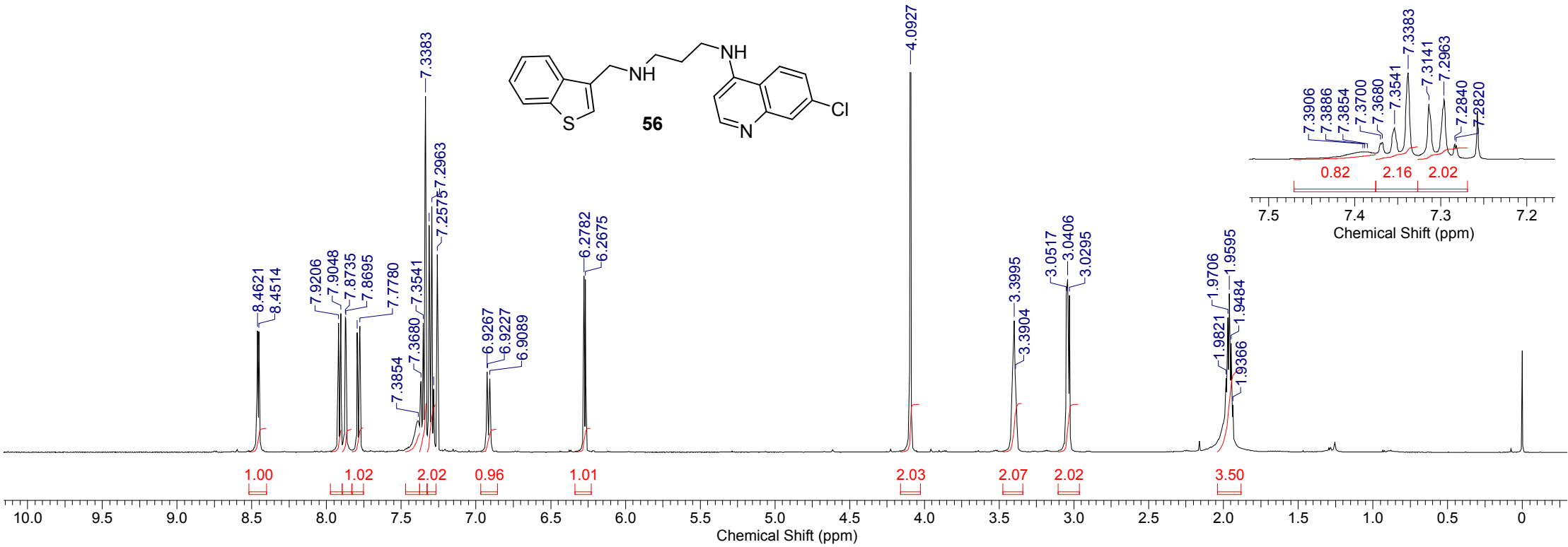


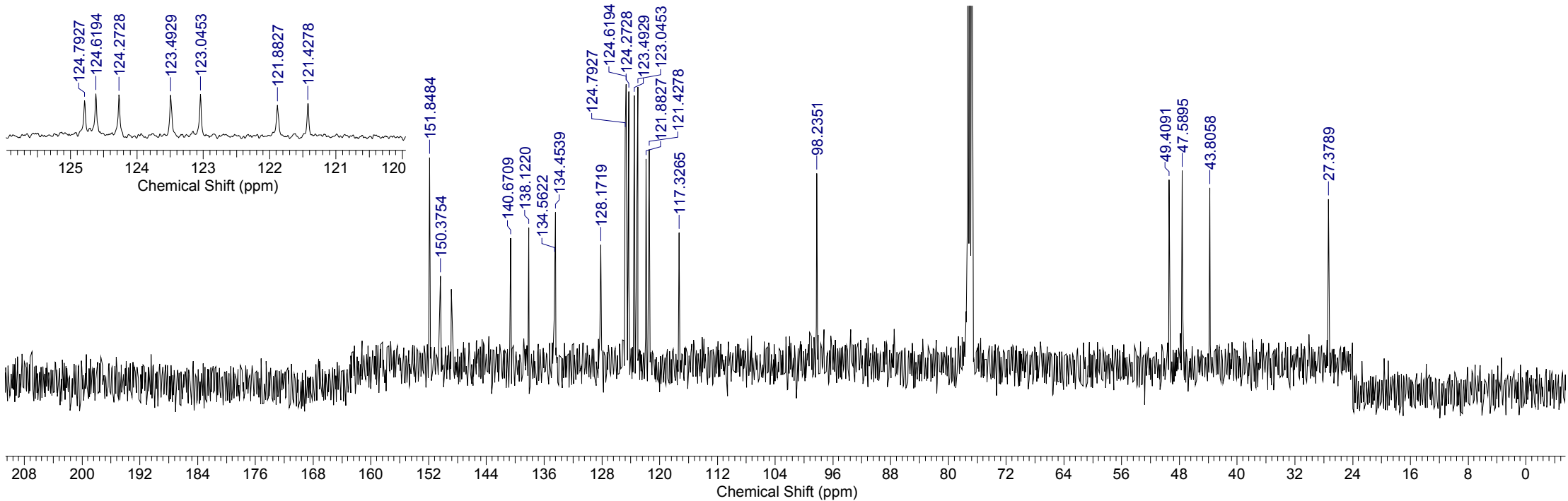




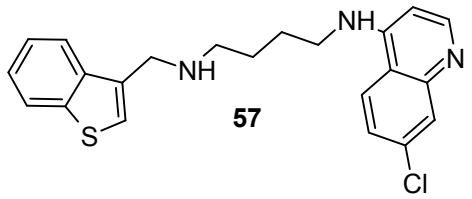


***N*-(1-benzothien-3-ylmethyl)-*N'*-(7-chloroquinolin-4-yl)propane-1,3-diamine (56)**



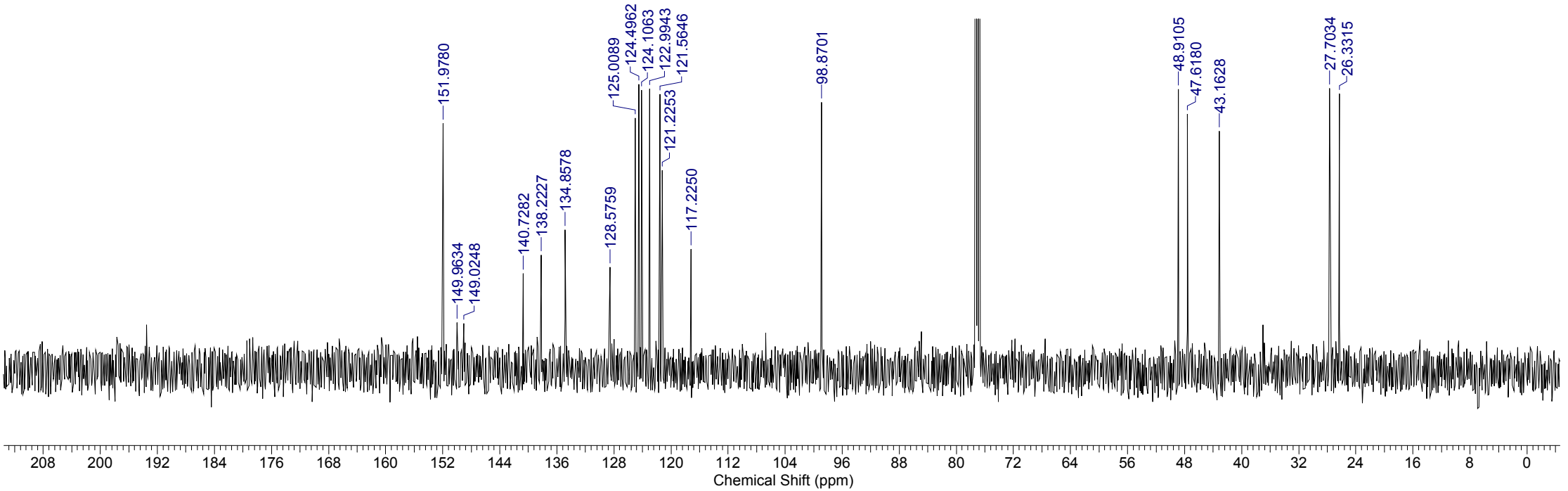



**_N_-(1-benzothien-3-ylmethyl)-_N'_-(7-chloroquinolin-4-yl)butane-1,4-diamine (57)**

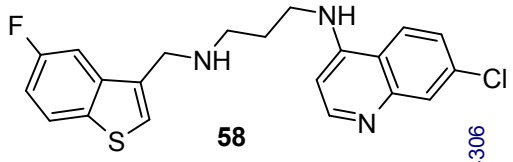








***N*-(7-chloroquinolin-4-yl)-*N'*-[(5-fluoro-1-benzothien-3-yl)methyl]propane-1,3-diamine (58)**

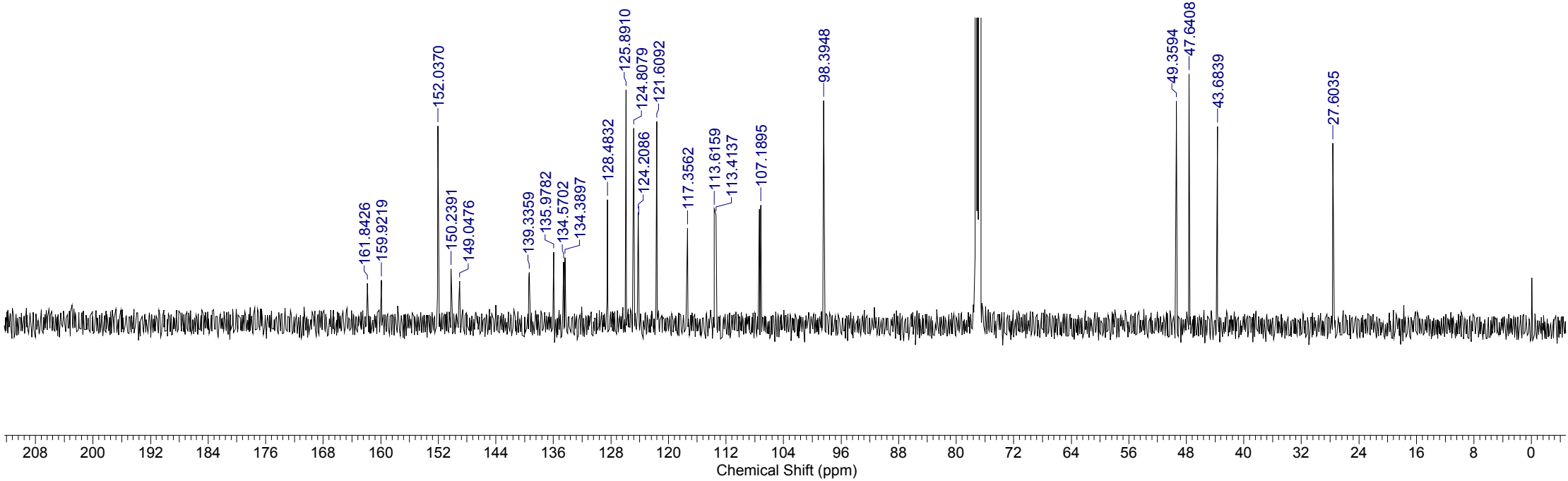



**58**

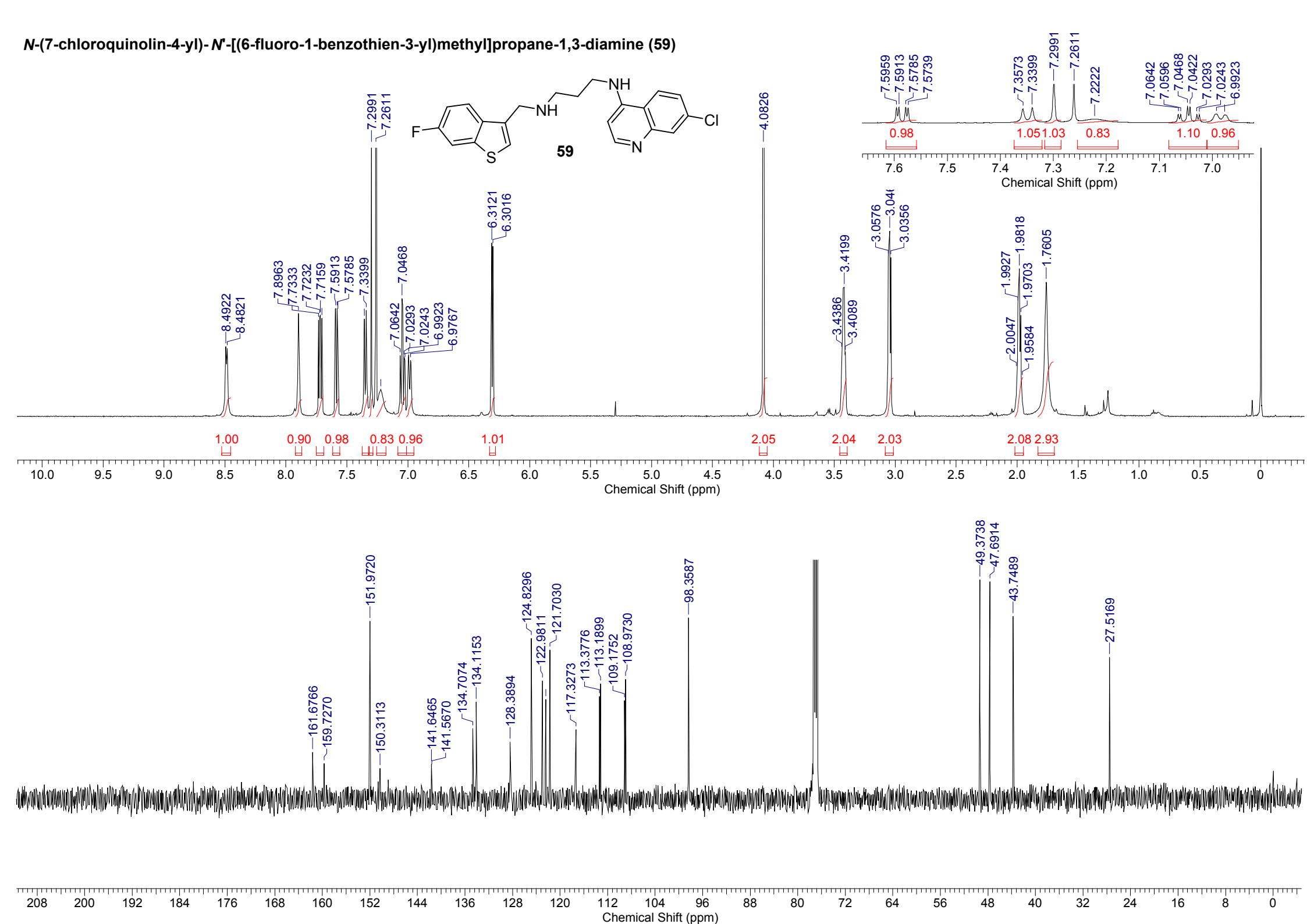




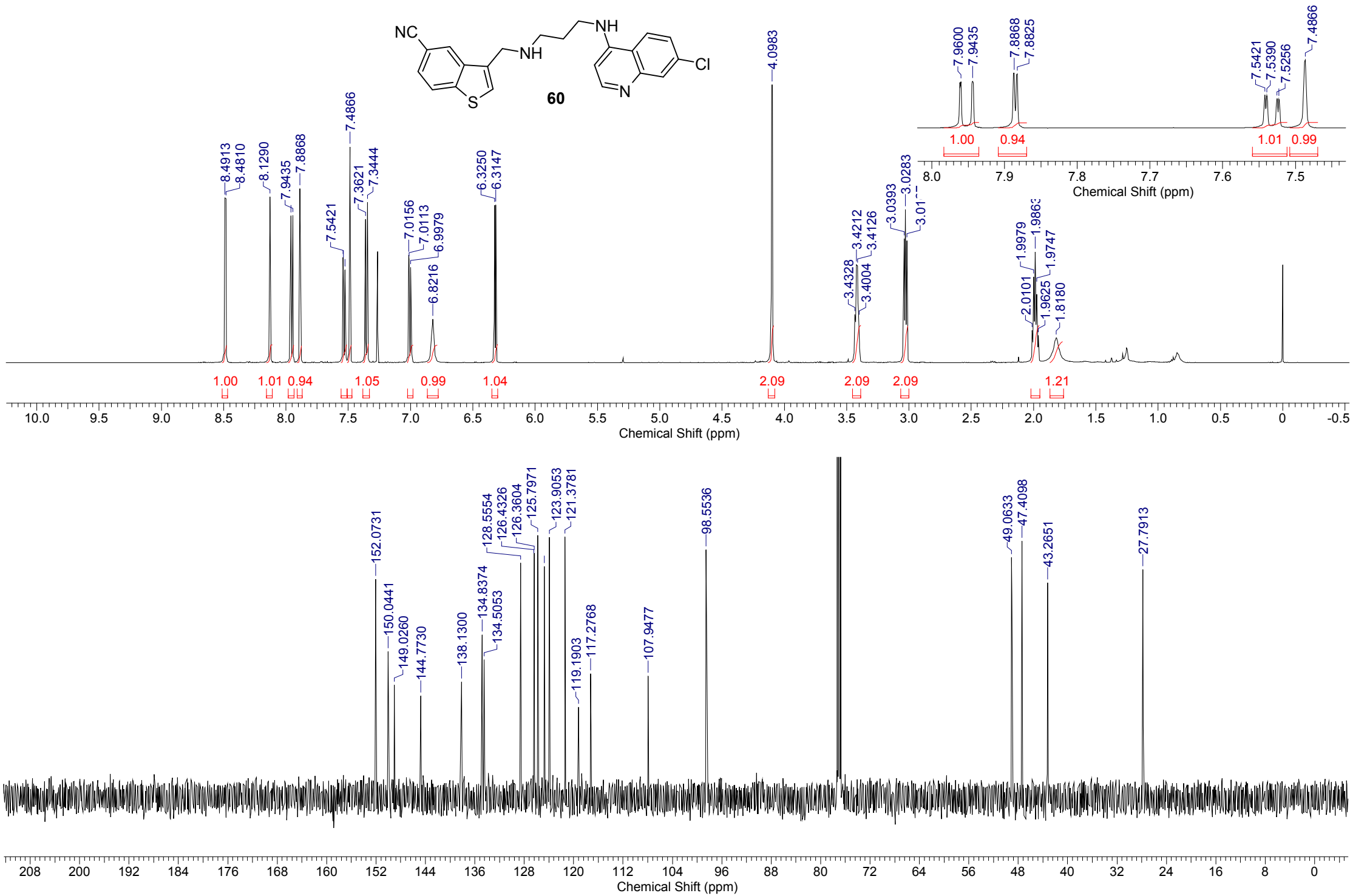




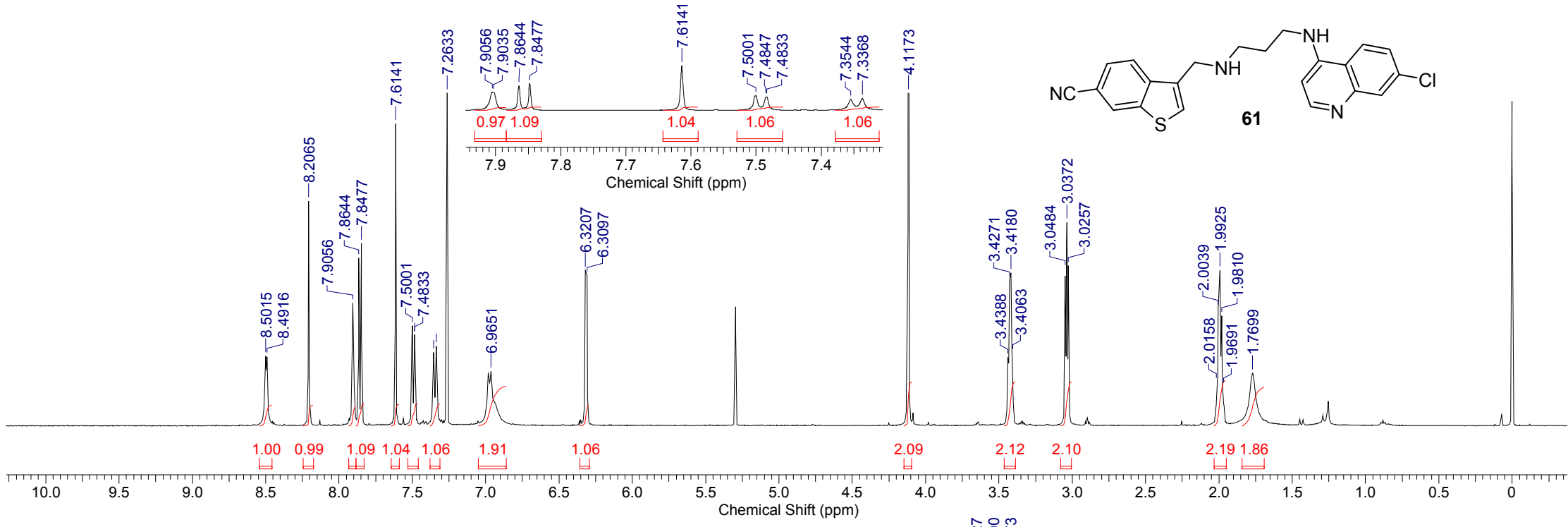
**_N_-(7-chloroquinolin-4-yl)-_N'_-[(6-fluoro-1-benzothien-3-yl)methyl]propane-1,3-diamine (59)**

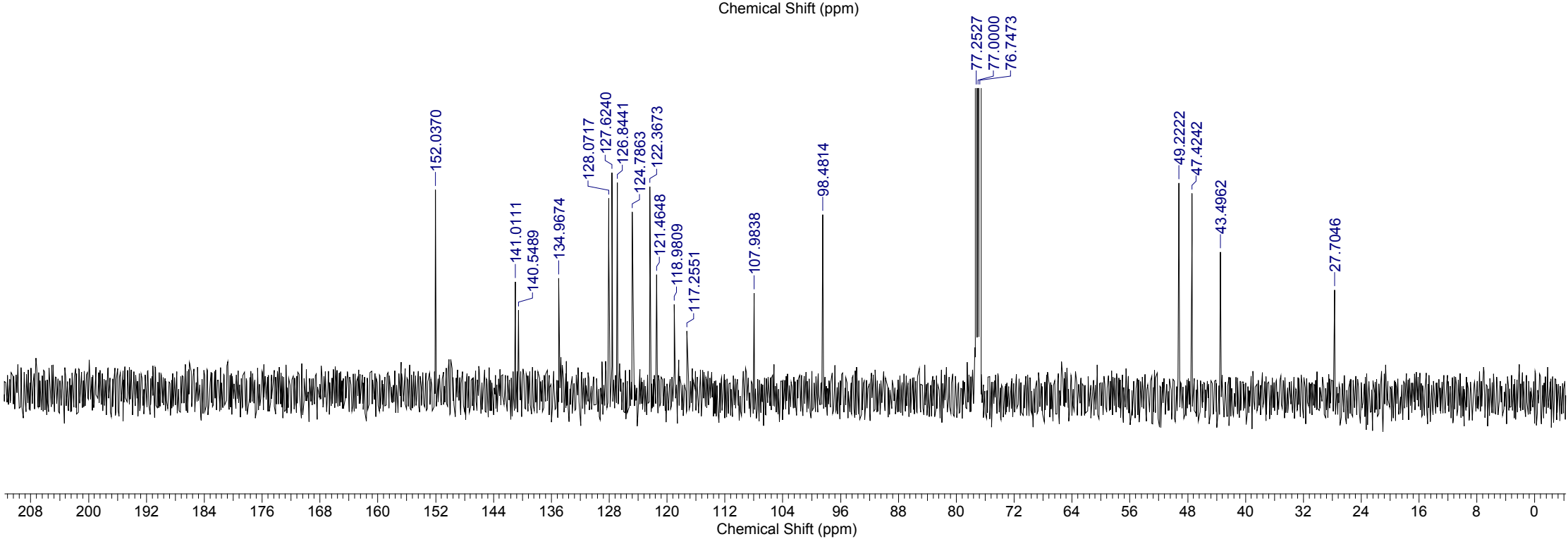


**3-[({3-[(7-chloroquinolin-4-yl)amino]propyl}amino)methyl]-1-benzothiophene-5-carbonitrile (60)**

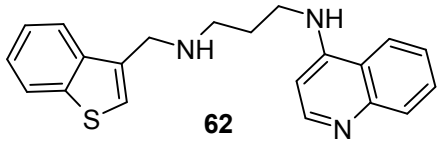


**3-[({3-[(7-chloroquinolin-4-yl)amino]propyl}amino)methyl]-1-benzothiophene-6-carbonitrile (61)**



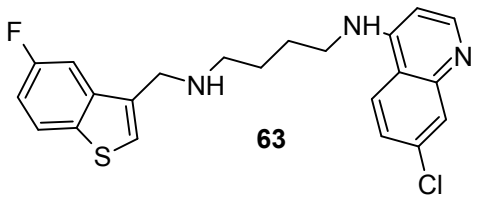



***N*-(1-benzothien-3-ylmethyl)-*N'*-quinolin-4-ylpropane-1,3-diamine (62)**



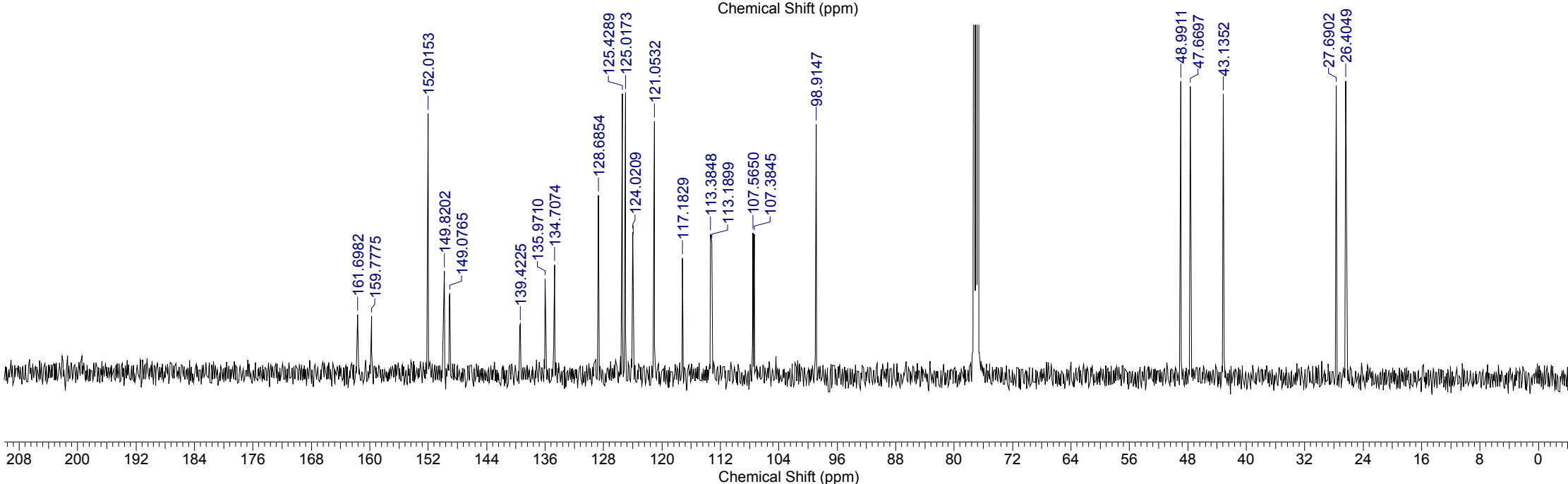

**62**

***N*-(7-chloroquinolin-4-yl)-*N'*-[(5-fluoro-1-benzothien-3-yl)methyl]butane-1,4-diamine (63)**

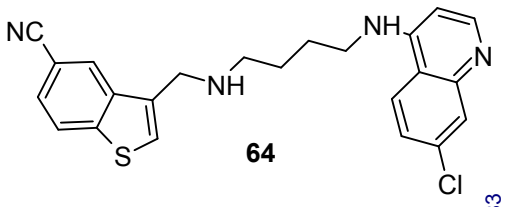






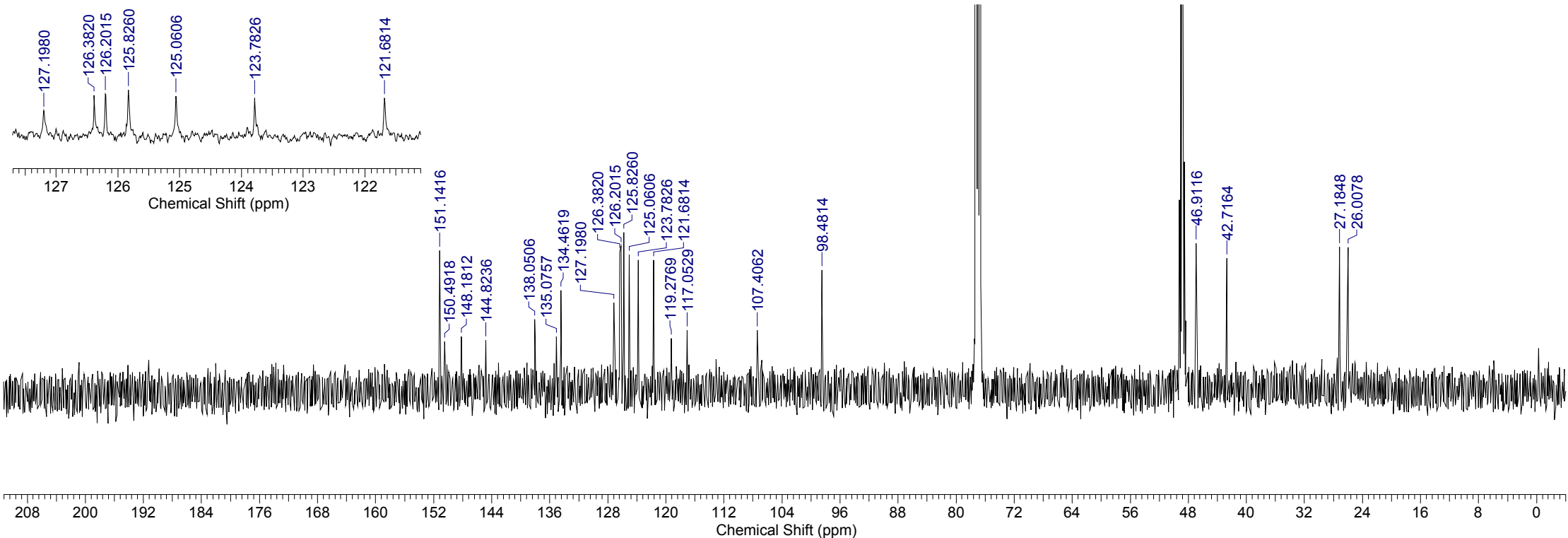


**3-[({4-[(7-chloroquinolin-4-yl)amino]butyl}amino)methyl]-1-benzothiophene-5-carbonitrile (64)**

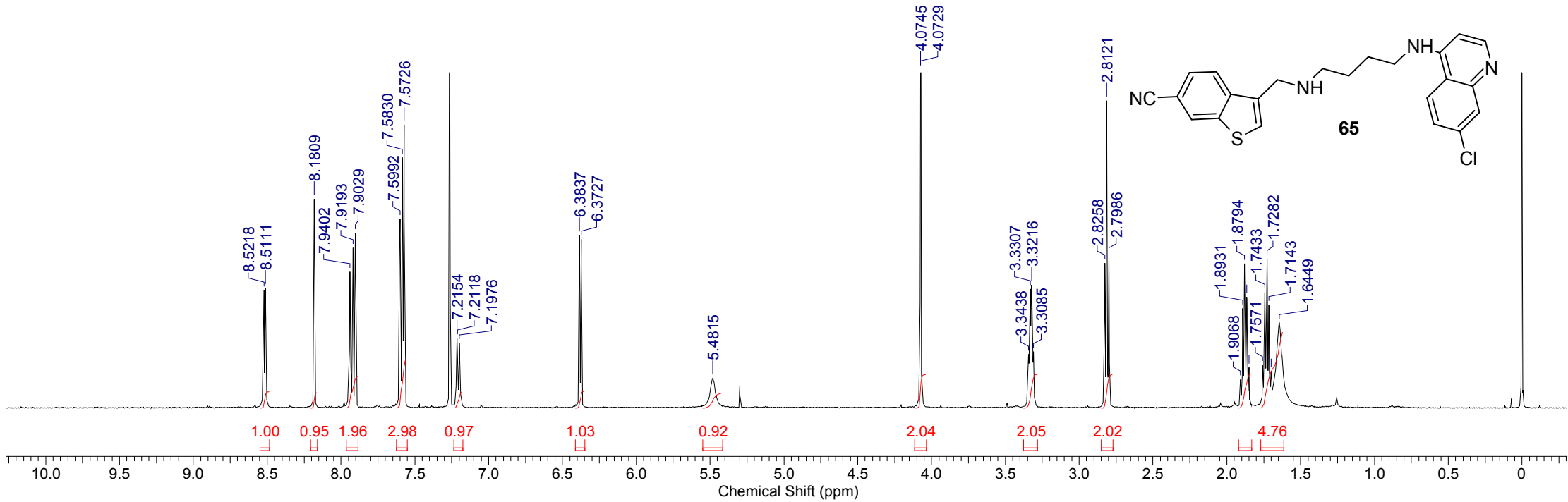


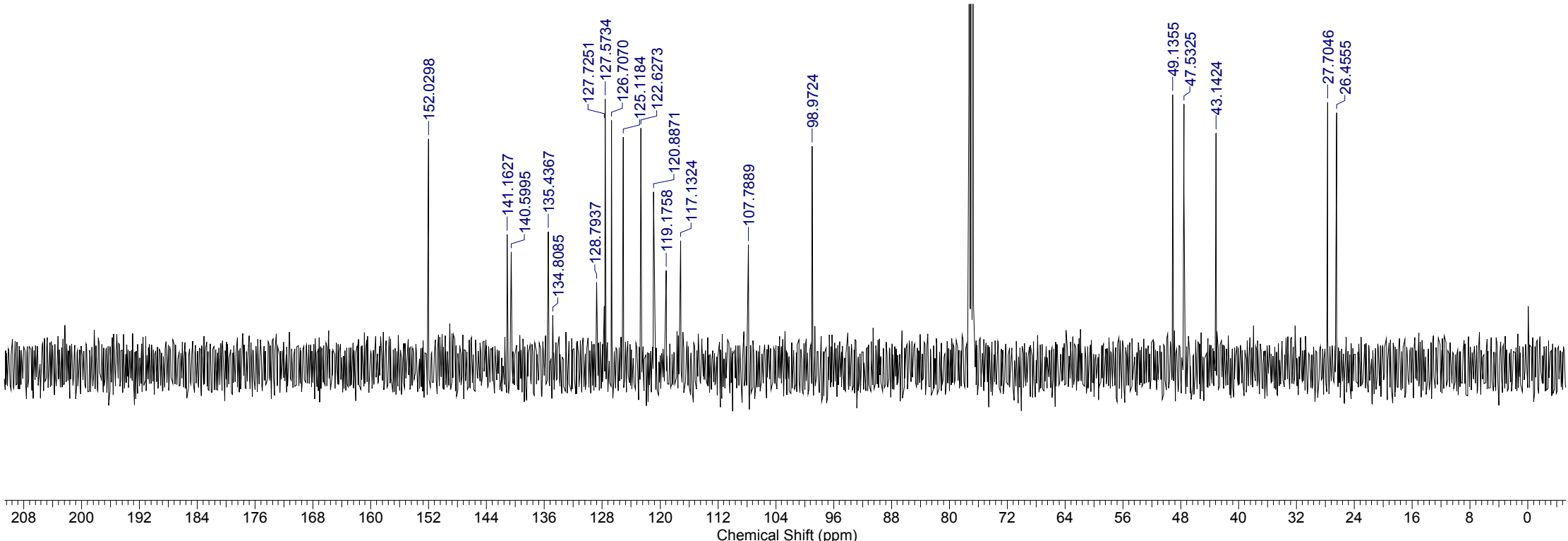




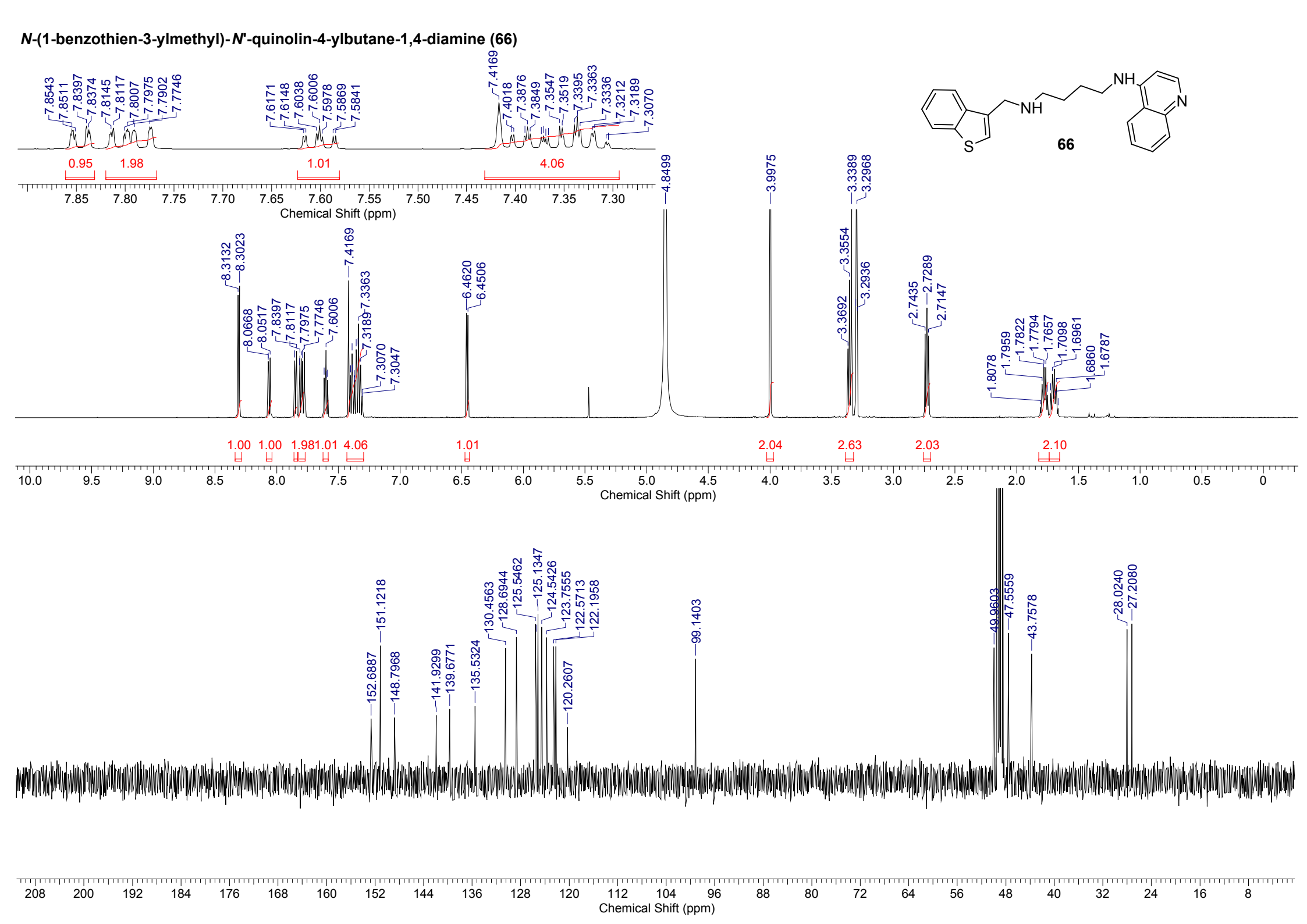


**3-[({4-[(7-chloroquinolin-4-yl)amino]butyl}amino)methyl]-1-benzothiophene-6-carbonitrile (65)**

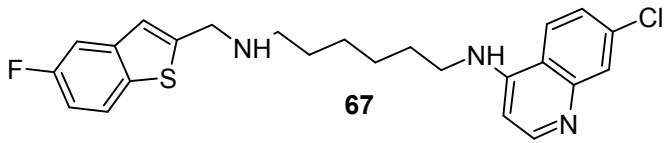


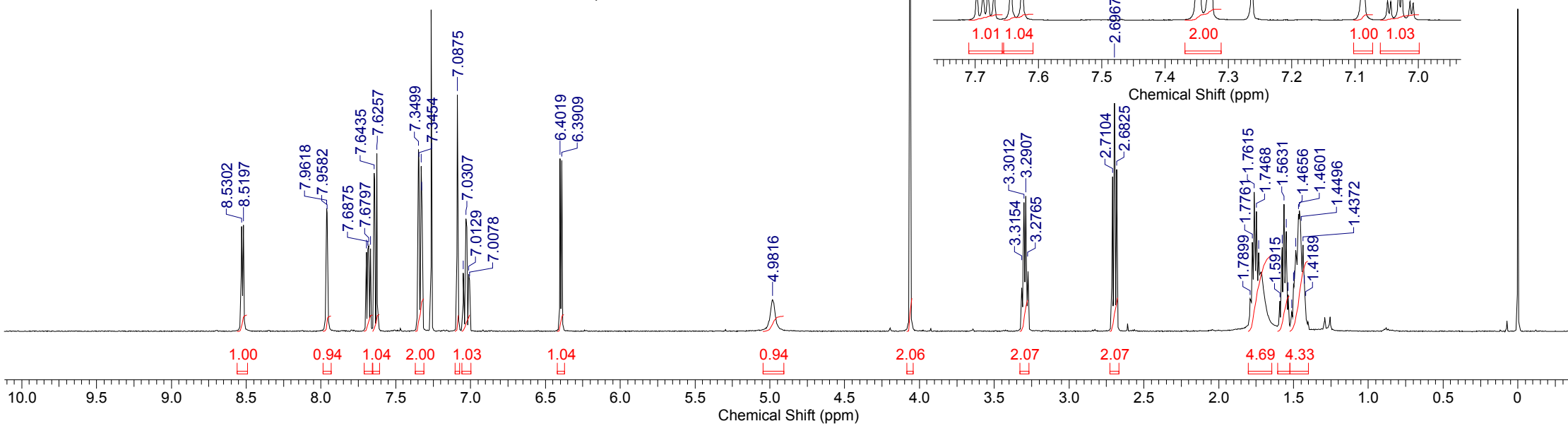
***N*-(1-benzothien-3-ylmethyl)-*N'*-quinolin-4-ylbutane-1,4-diamine (66)**

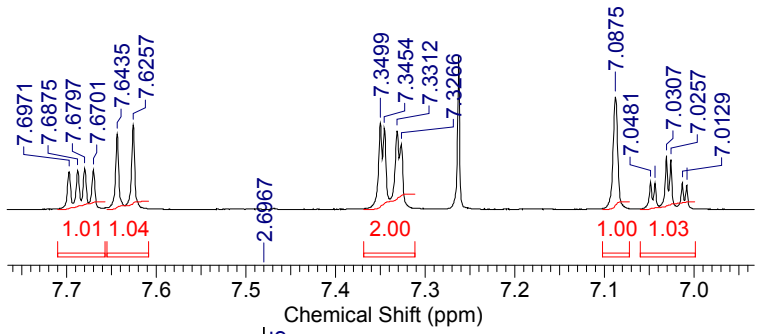


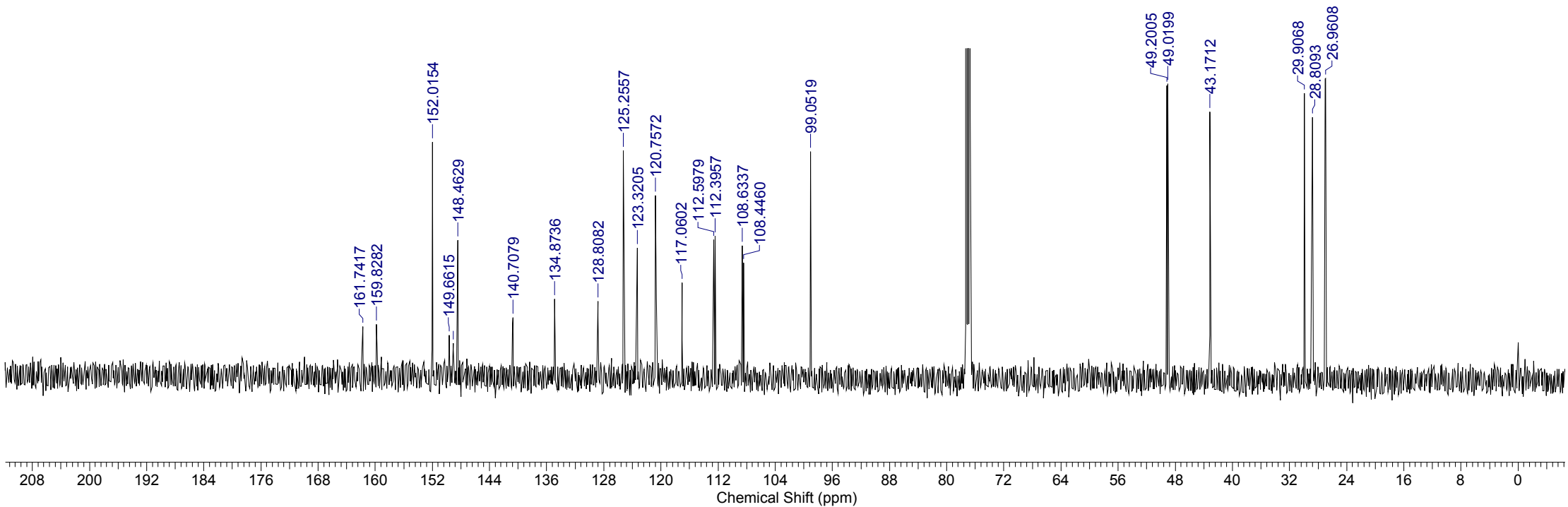
***N*-(7-chloroquinolin-4-yl)-*N'*-[(5-fluoro-1-benzothien-2-yl)methyl]hexane-1,6-diamine (67)**



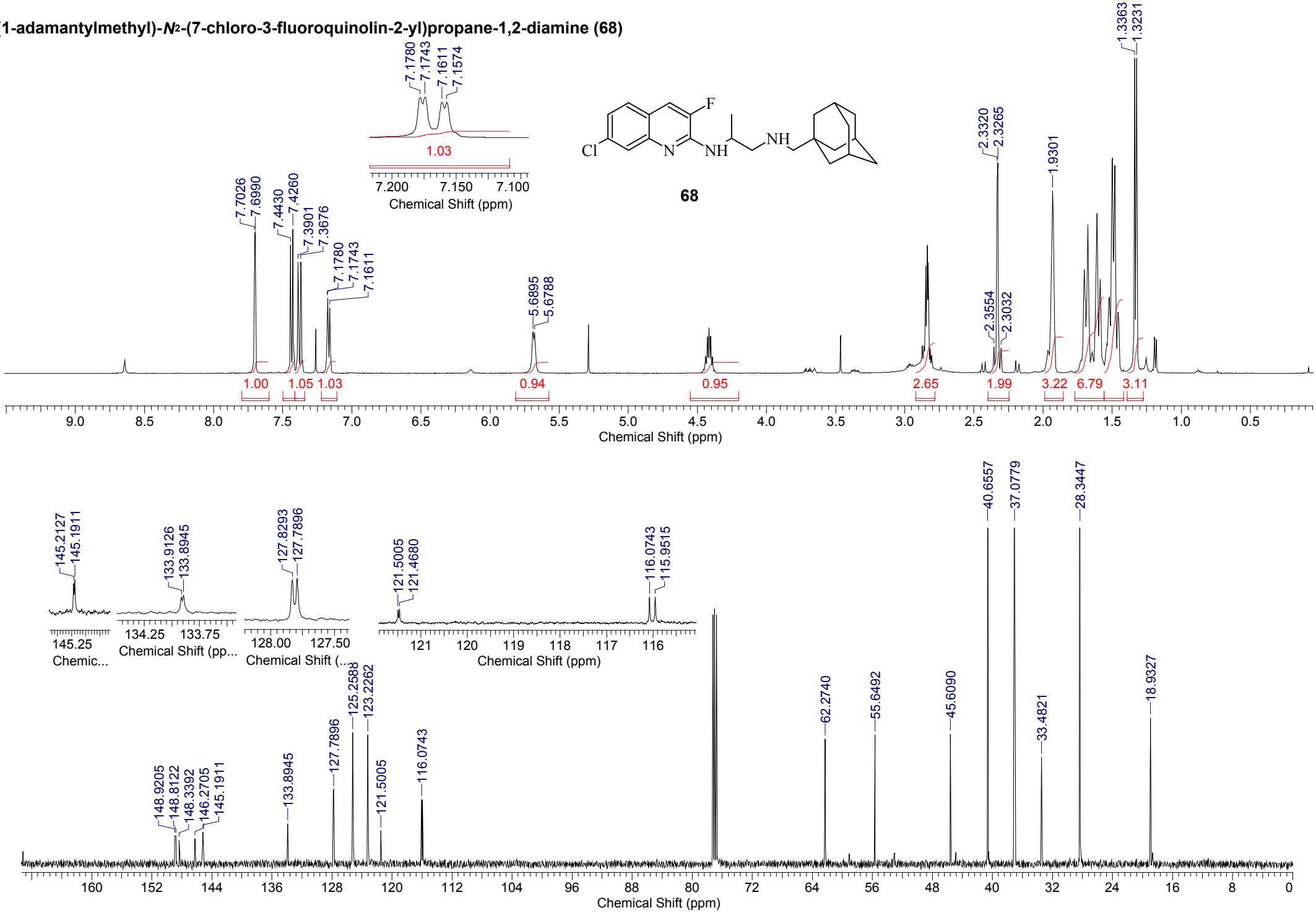

**67**



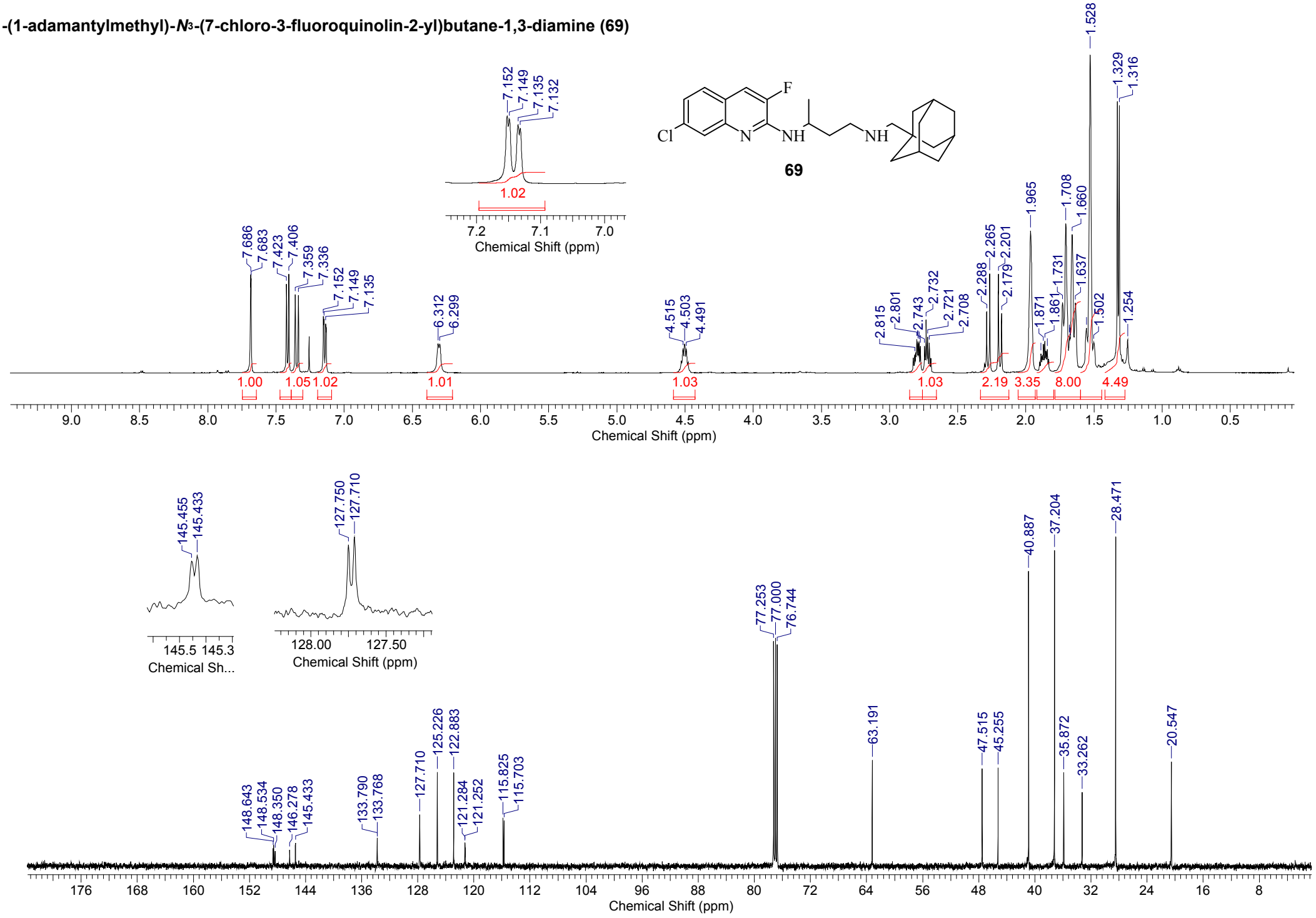



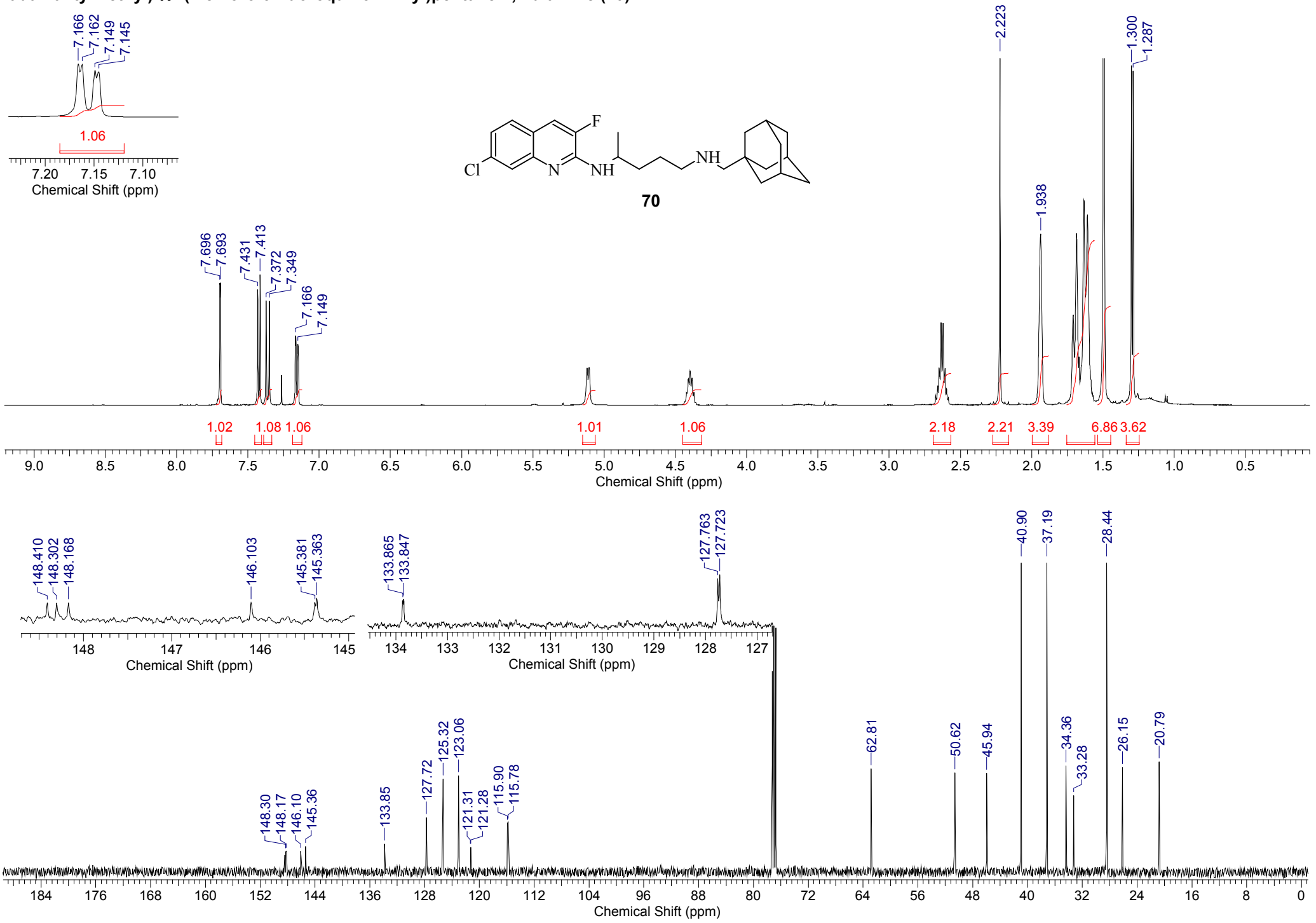
**$N^1$-(1-adamantylmethyl)-$N^2$-(7-chloro-3-fluoroquinolin-2-yl)propane-1,2-diamine (68)**



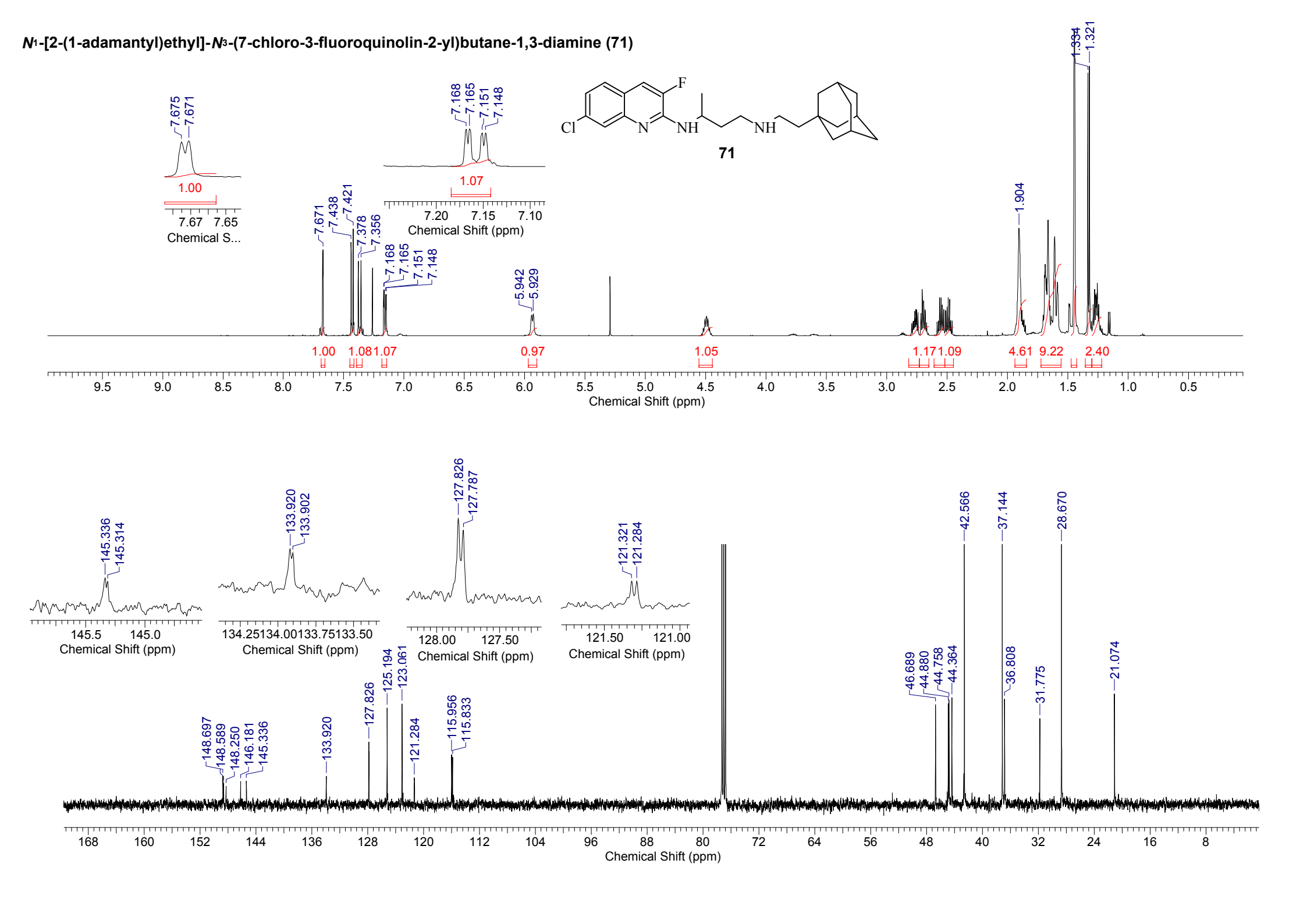
**$N^1$-(1-adamantylmethyl)-$N^3$-(7-chloro-3-fluoroquinolin-2-yl)butane-1,3-diamine (69)**



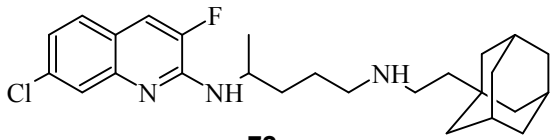
**$N_1$-(1-adamantylmethyl)-$N_4$-(7-chloro-3-fluoroquinolin-2-yl)pentane-1,4-diamine (70)**



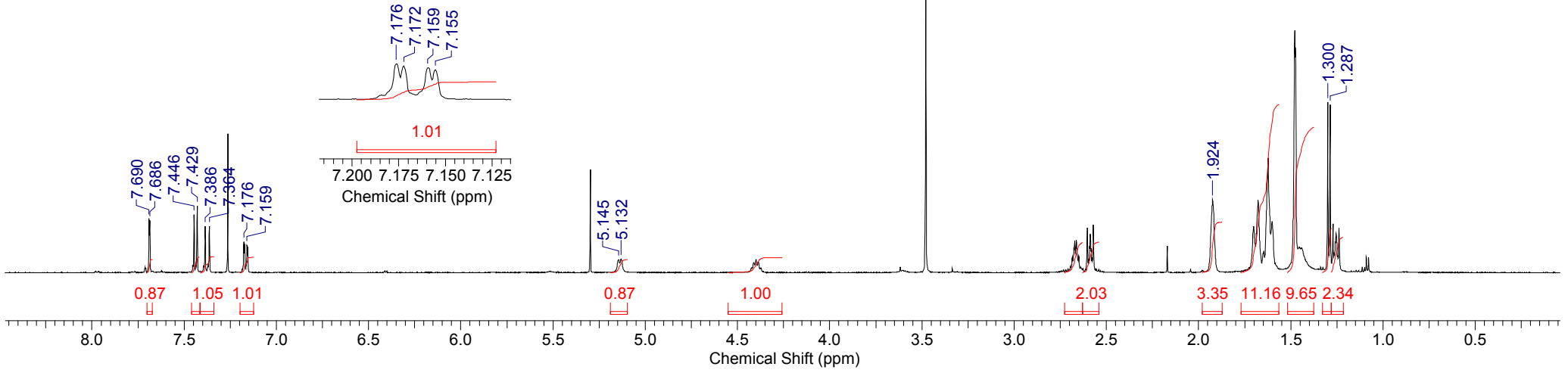
***N*¹-[2-(1-adamantyl)ethyl]-*N*³-(7-chloro-3-fluoroquinolin-2-yl)butane-1,3-diamine (71)**

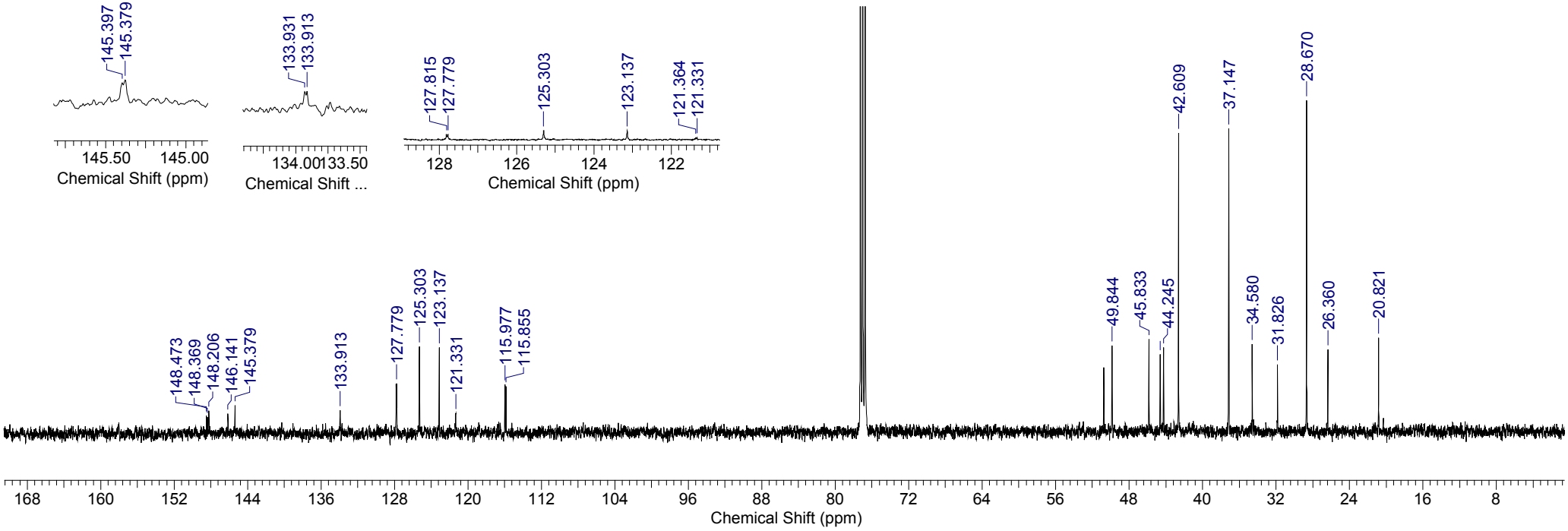


**$N_1$-[2-(1-adamantyl)ethyl]-$N_4$-(7-chloro-3-fluoroquinolin-2-yl)pentane-1,4-diamine (72)**

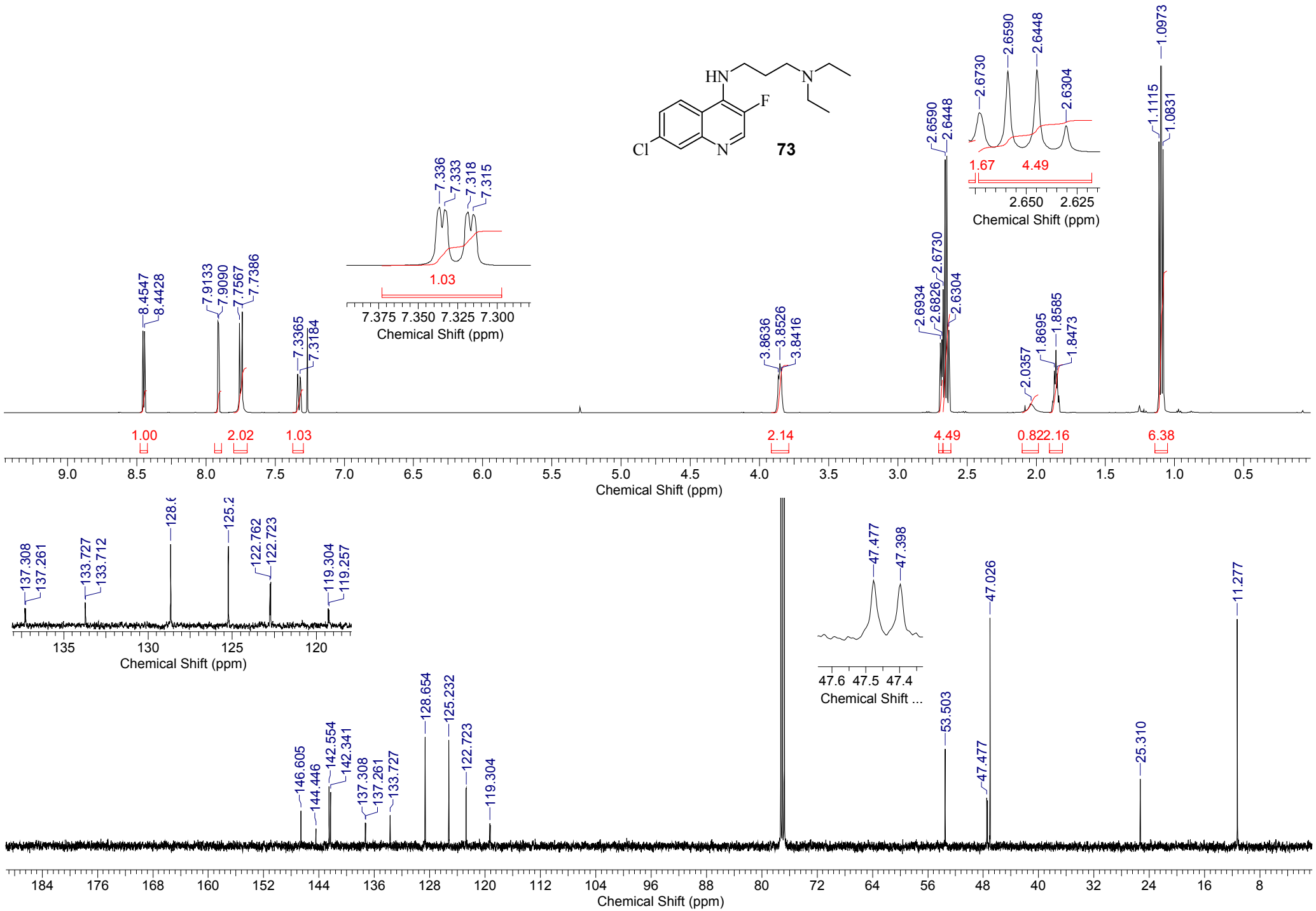



**72**

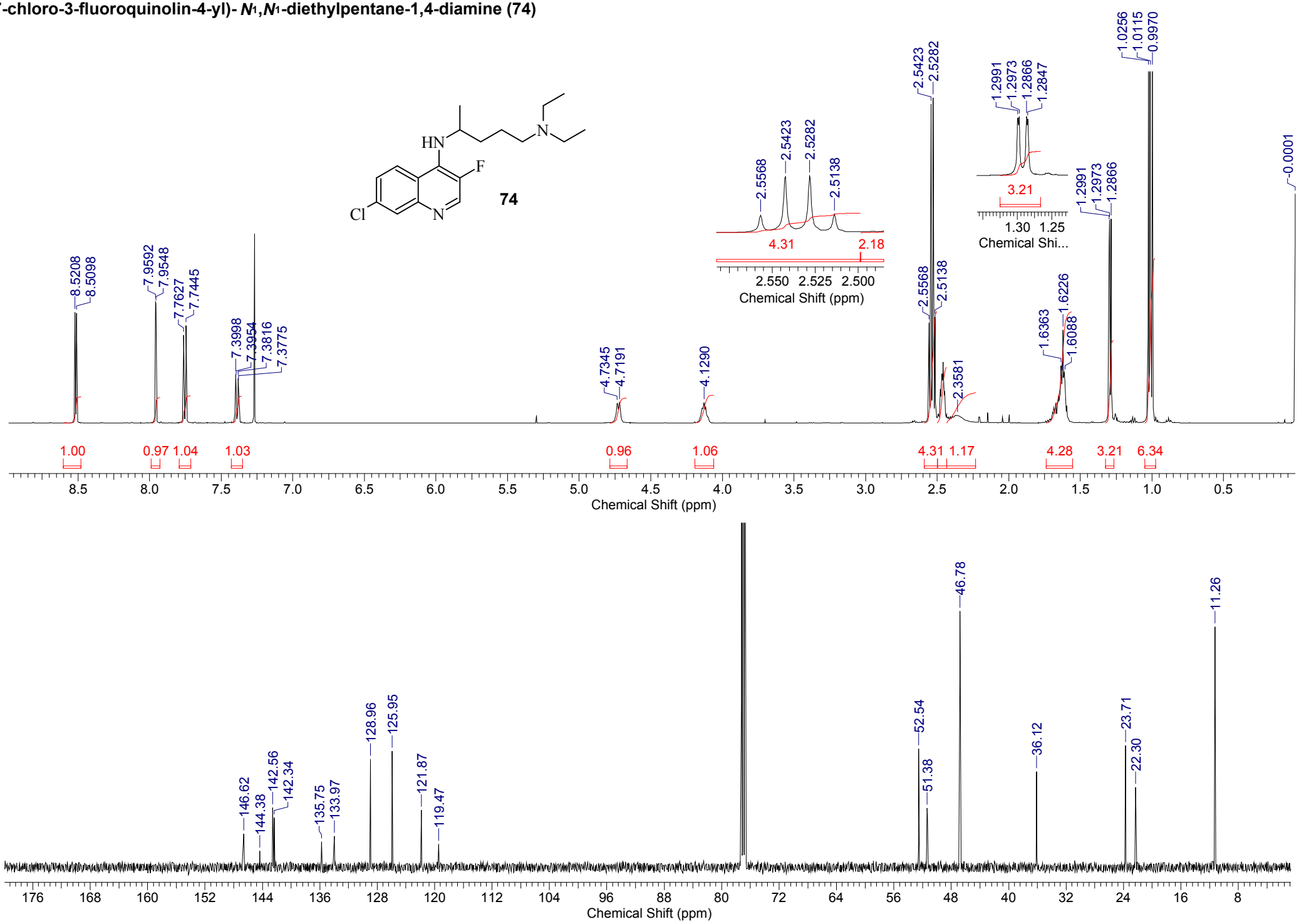


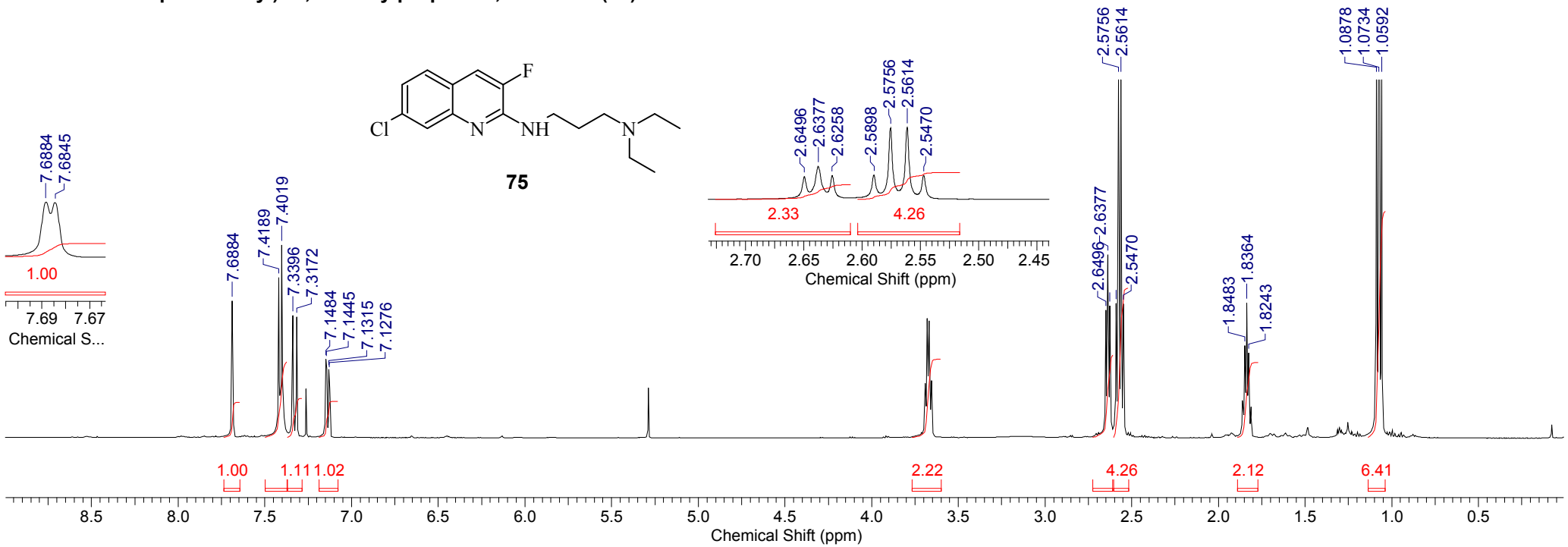
**_N'_-(7-chloro-3-fluoroquinolin-4-yl)- _N,N_-diethylpropane-1,3-diamine (73)**

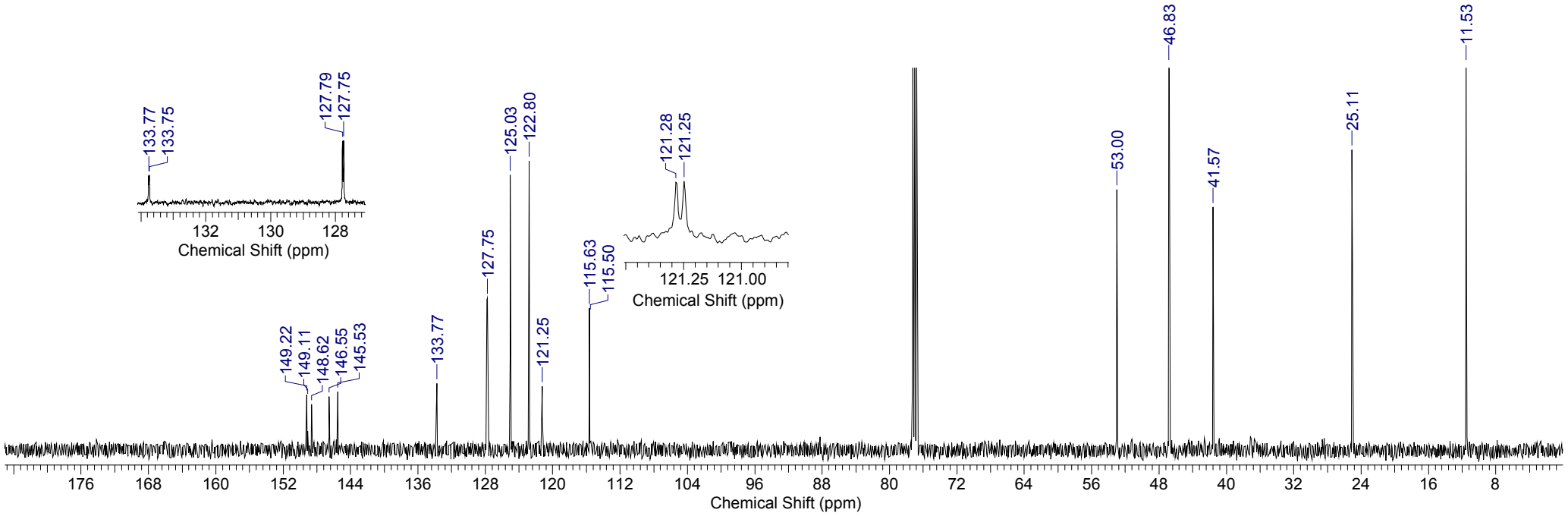


**$N_4$-(7-chloro-3-fluoroquinolin-4-yl)- $N_1$,$N_1$-diethylpentane-1,4-diamine (74)**

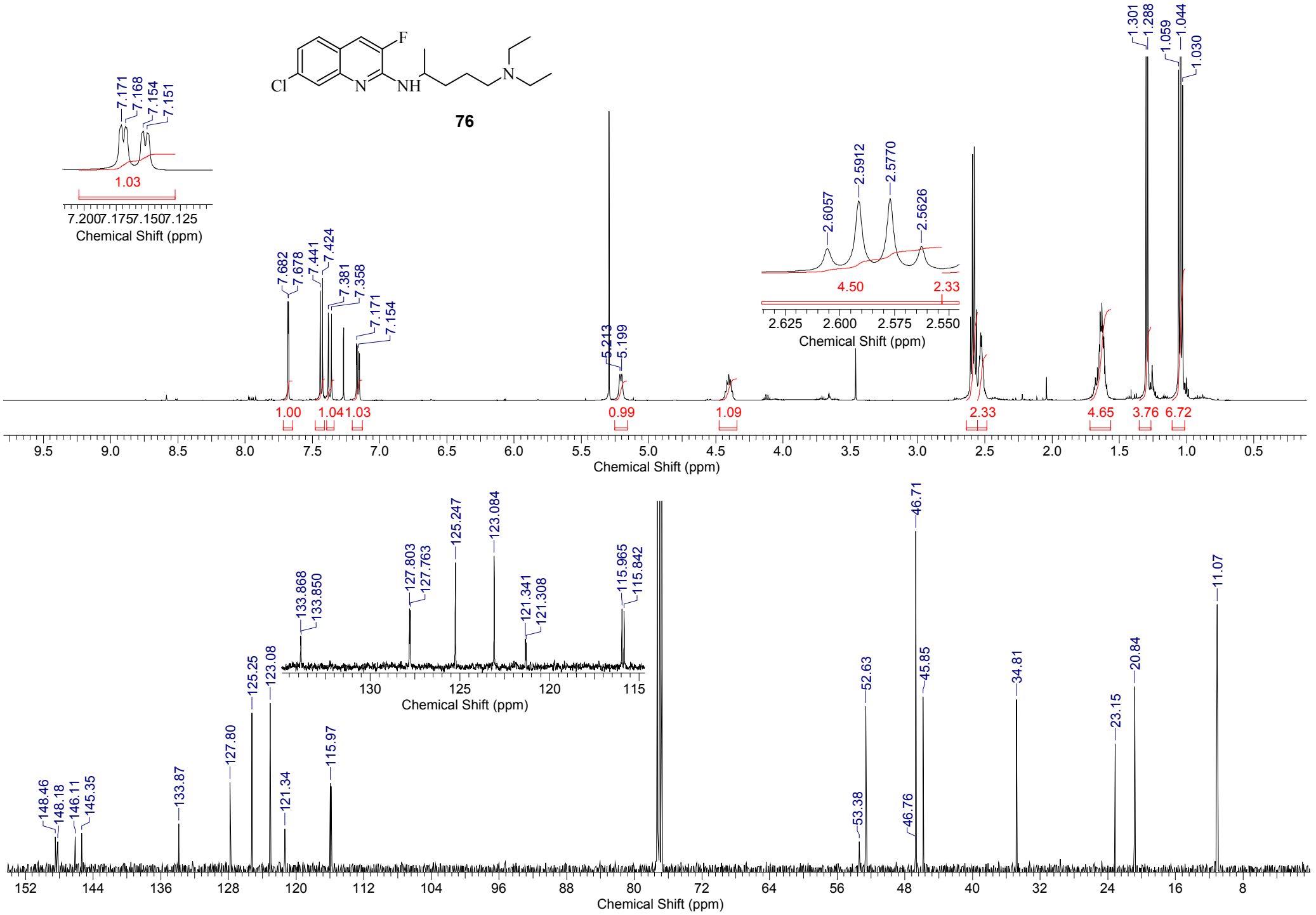


***N'*-(7-chloro-3-fluoroquinolin-2-yl)- *N*,*N*-diethylpropane-1,3-diamine (75)**

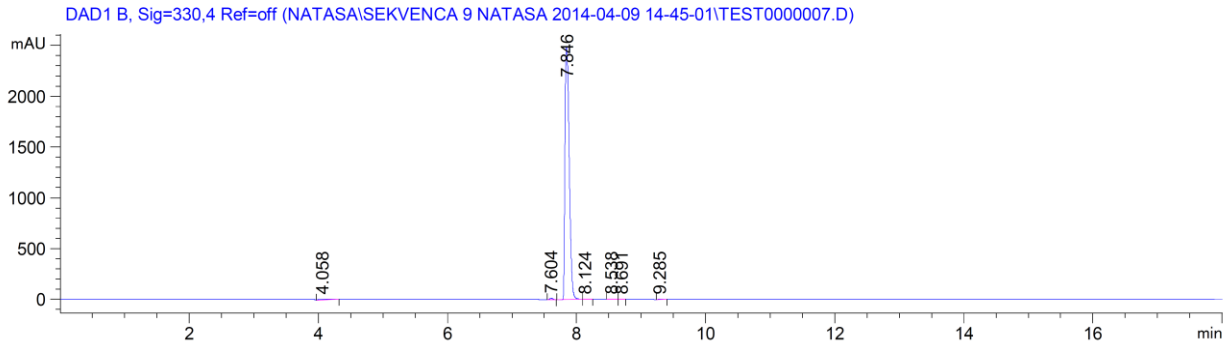


**$N^4$-(7-chloro-3-fluoroquinolin-2-yl)-$N^1$,$N^1$-diethylpentane-1,4-diamine (76)**

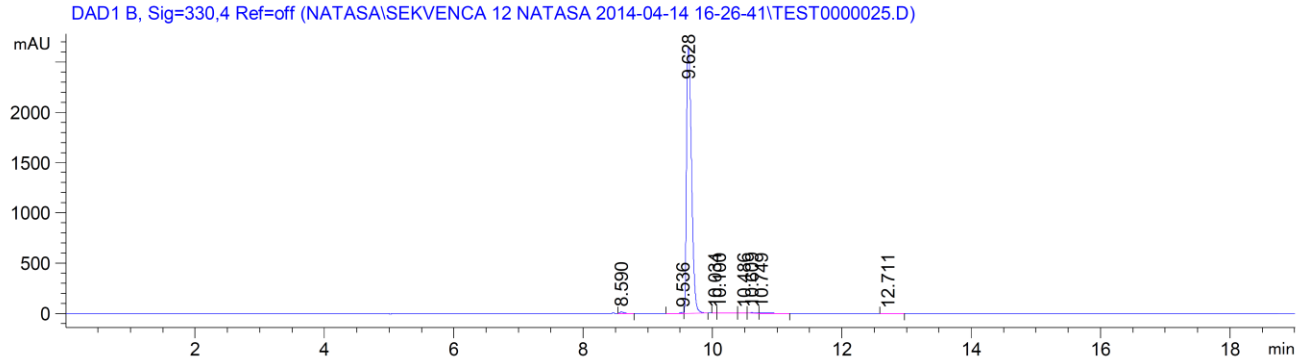


**Sample Name: 9**




Signal 2: DAD1 B, Sig=330,4 Ref=off

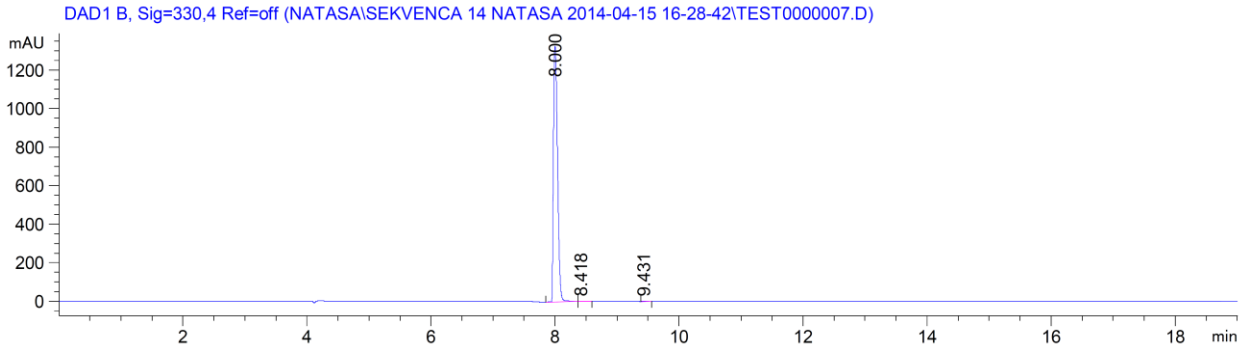
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.058 | BB | 0.1431 | 79.78187 | 6.66943 | 0.6830 |
| 2 | 7.604 | BB | 0.0503 | 56.43702 | 17.40224 | 0.4831 |
| 3 | 7.846 | BV | 0.0739 | 1.15095e4 | 2491.86035 | 98.5304 |
| 4 | 8.124 | VB | 0.0645 | 12.52824 | 2.34020 | 0.1073 |
| 5 | 8.538 | VB | 0.0597 | 7.24572 | 1.65230 | 0.0620 |
| 6 | 8.691 | BV | 0.0535 | 5.26669 | 1.39577 | 0.0451 |
| 7 | 9.285 | BB | 0.0667 | 10.40046 | 2.20007 | 0.0890 |
| Totals : | | | | 1.16811e4 | 2523.52036 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

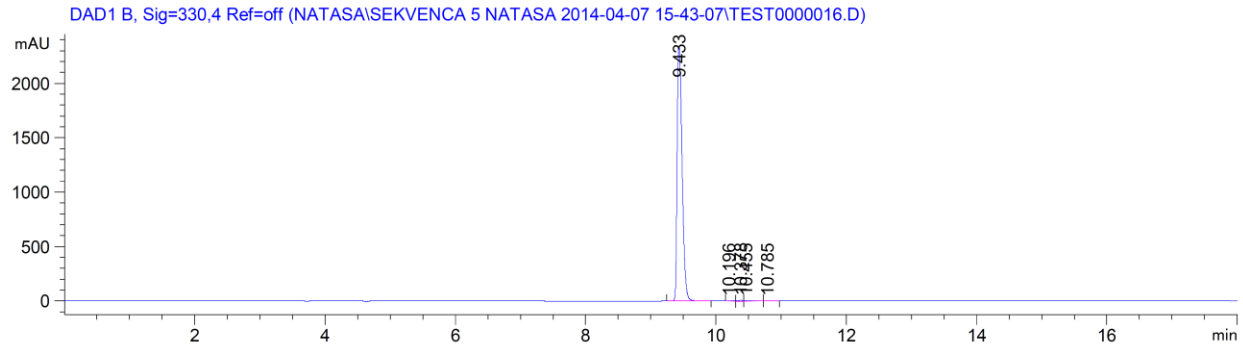
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.590 | VB | 0.0769 | 79.61767 | 16.03458 | 0.5482 |
| 2 | 9.536 | BV | 0.0519 | 32.12661 | 9.62649 | 0.2212 |
| 3 | 9.628 | VB | 0.0851 | 1.43018e4 | 2645.11646 | 98.4655 |
| 4 | 10.034 | VV | 0.0493 | 5.01731 | 1.30564 | 0.0345 |
| 5 | 10.100 | VV | 0.1375 | 22.96025 | 2.06921 | 0.1581 |
| 6 | 10.486 | VB | 0.0791 | 14.40985 | 2.41671 | 0.0992 |
| 7 | 10.609 | BV | 0.0816 | 36.62741 | 6.05209 | 0.2522 |
| 8 | 10.749 | VB | 0.1230 | 21.50548 | 2.09130 | 0.1481 |
| 9 | 12.711 | BB | 0.0990 | 10.61503 | 1.27730 | 0.0731 |
| Totals : | | | | 1.45247e4 | 2685.98978 | |

**Sample Name: 10**




Signal 2: DAD1 B, Sig=330,4 Ref=off

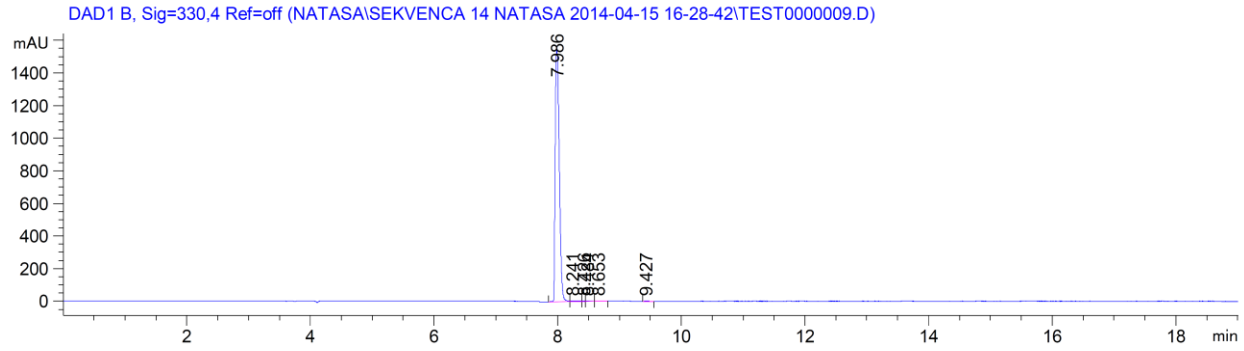
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.000 | BV | 0.0746 | 6103.50977 | 1327.54541 | 99.6351 |
| 2 | 8.418 | VB | 0.0867 | 13.19324 | 1.81687 | 0.2154 |
| 3 | 9.431 | BB | 0.0643 | 9.15707 | 1.95022 | 0.1495 |
| Totals : | | | | 6125.86008 | 1331.31250 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

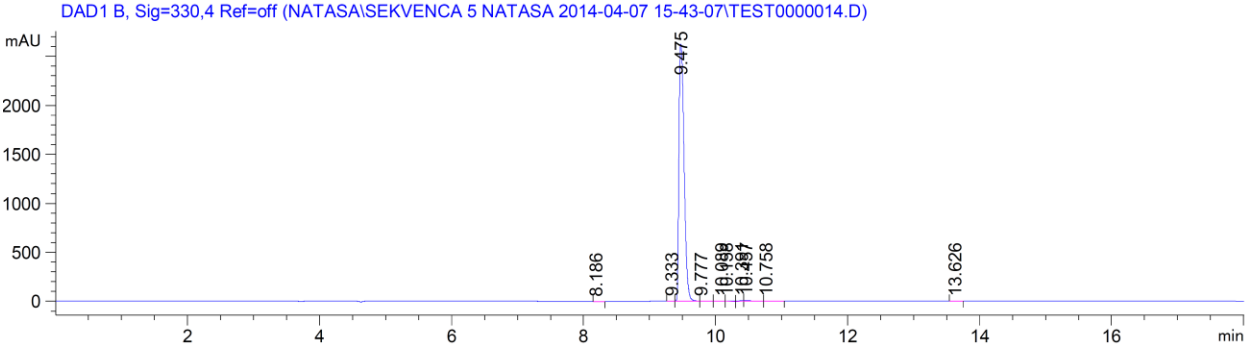
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 9.433 | BB | 0.0835 | 1.24029e4 | 2334.62744 | 99.2227 |
| 2 | 10.196 | BB | 0.1188 | 12.00772 | 1.20482 | 0.0961 |
| 3 | 10.378 | BV | 0.0715 | 29.00076 | 5.83075 | 0.2320 |
| 4 | 10.455 | VV | 0.1209 | 45.00415 | 4.60984 | 0.3600 |
| 5 | 10.785 | VB | 0.0919 | 11.14900 | 1.45471 | 0.0892 |
| Totals : | | | | 1.25001e4 | 2347.72756 | |

**Sample Name: 11**



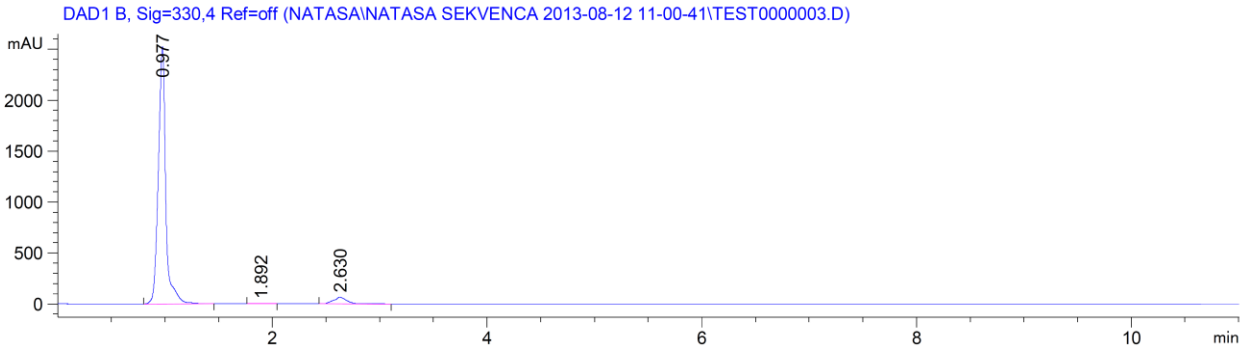

Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.986 | VV | 0.0735 | 7125.29834 | 1567.35913 | 99.0116 |
| 2 | 8.241 | VV | 0.0979 | 36.70154 | 4.48736 | 0.5100 |
| 3 | 8.426 | VV | 0.0474 | 5.72079 | 1.63194 | 0.0795 |
| 4 | 8.484 | VB | 0.0675 | 7.80628 | 1.40127 | 0.1085 |
| 5 | 8.653 | BB | 0.0667 | 12.20660 | 2.44566 | 0.1696 |
| 6 | 9.427 | BB | 0.0675 | 8.69125 | 1.82796 | 0.1208 |
| Totals : | | | | 7196.42479 | 1579.15332 | |



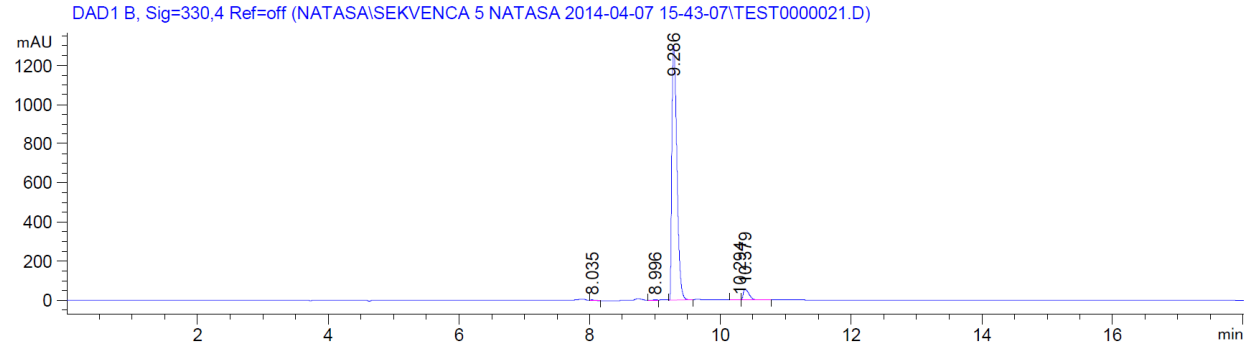

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.186 | VB | 0.0617 | 5.65254 | 1.15336 | 0.0391 |
| 2 | 9.333 | BV | 0.0660 | 17.19293 | 3.64765 | 0.1189 |
| 3 | 9.475 | VV | 0.0851 | 1.42039e4 | 2626.66016 | 98.2578 |
| 4 | 9.777 | VV | 0.1298 | 36.43993 | 3.38032 | 0.2521 |
| 5 | 10.089 | VV | 0.1019 | 40.84172 | 5.13094 | 0.2825 |
| 6 | 10.158 | VB | 0.0855 | 29.95959 | 4.42190 | 0.2073 |
| 7 | 10.391 | BV | 0.0679 | 28.93453 | 6.43811 | 0.2002 |
| 8 | 10.457 | VV | 0.1198 | 71.45326 | 7.73420 | 0.4943 |
| 9 | 10.758 | VB | 0.1098 | 14.50539 | 1.58479 | 0.1003 |
| 10 | 13.626 | BB | 0.0568 | 6.86306 | 1.48809 | 0.0475 |
| Totals : | | | | 1.44557e4 | 2661.63952 | |

**Sample Name: 12**




Signal 2: DAD1 B, Sig=330,4 Ref=off

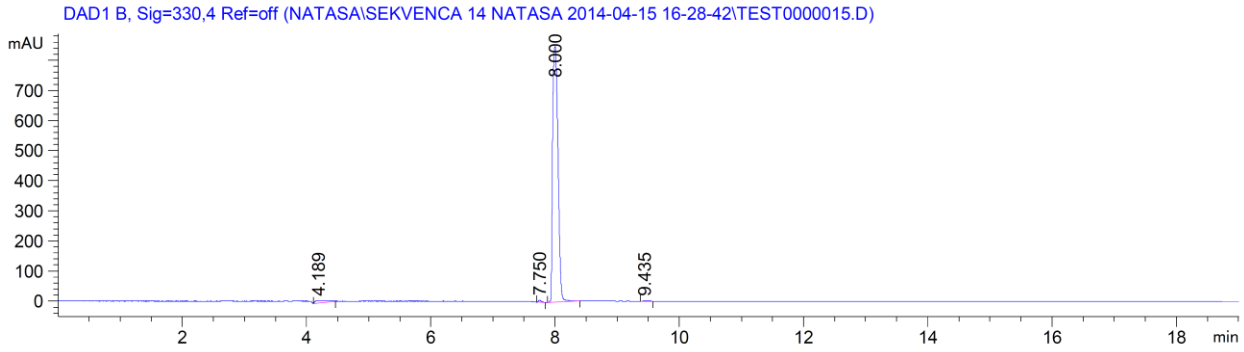
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 0.977 | BB | 0.0704 | 1.20972e4 | 2525.70898 | 95.5028 |
| 2 | 1.892 | BB | 0.0799 | 10.85000 | 1.79764 | 0.0857 |
| 3 | 2.630 | BB | 0.1194 | 558.80402 | 65.26138 | 4.4116 |
| Totals : | | | | 1.26668e4 | 2592.76801 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

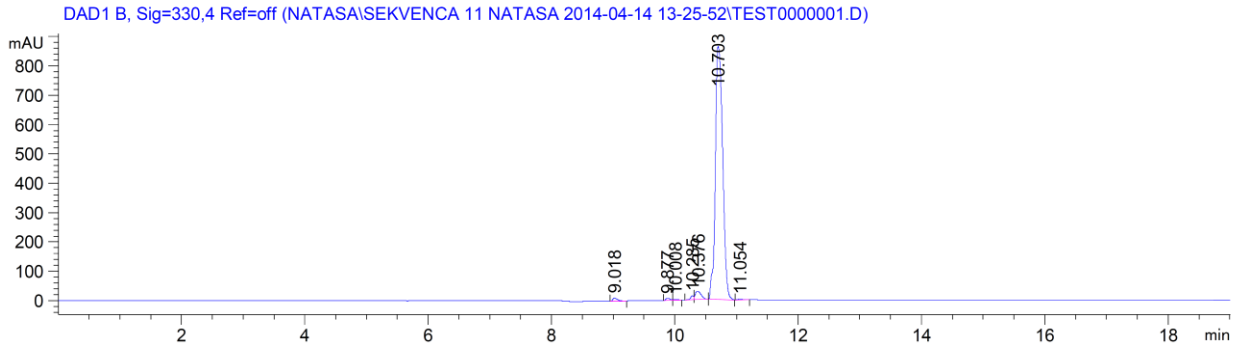
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.035 | VB | 0.0695 | 15.72293 | 3.49271 | 0.2123 |
| 2 | 8.996 | VV | 0.0842 | 12.37957 | 1.76756 | 0.1672 |
| 3 | 9.286 | VV | 0.0862 | 7046.31250 | 1301.65613 | 95.1632 |
| 4 | 10.294 | BV | 0.0700 | 5.93347 | 1.01028 | 0.0801 |
| 5 | 10.379 | VB | 0.0969 | 324.10373 | 53.73227 | 4.3771 |
| Totals : | | | | 7404.45220 | 1361.65893 | |

**Sample Name: 20**




Signal 2: DAD1 B, Sig=330,4 Ref=off

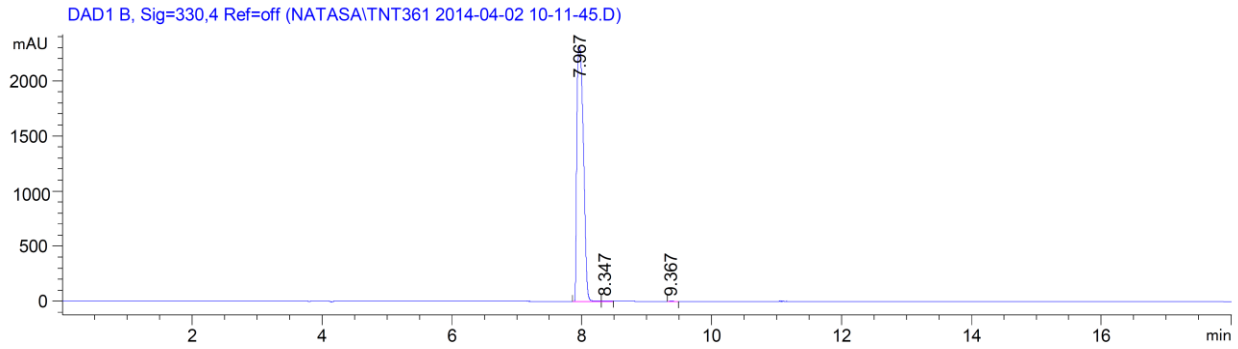
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.189 | BB | 0.1411 | 87.98621 | 7.43452 | 1.6935 |
| 2 | 7.750 | BB | 0.0493 | 20.46329 | 6.49065 | 0.3939 |
| 3 | 8.000 | BB | 0.0997 | 5076.01660 | 849.10608 | 97.7024 |
| 4 | 9.435 | BB | 0.0672 | 10.92102 | 1.93984 | 0.2102 |
| Totals : | | | | 5195.38712 | 864.97108 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

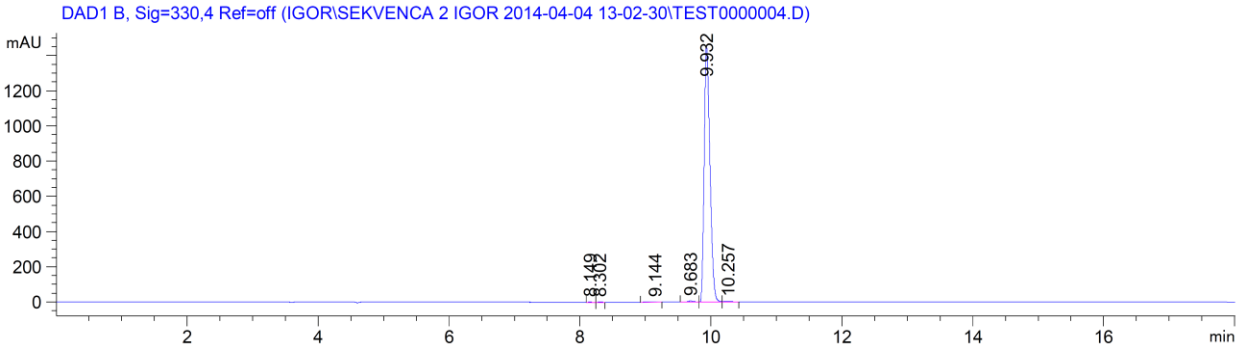
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 9.018 | VB | 0.0730 | 52.69072 | 10.50318 | 0.7047 |
| 2 | 9.877 | BV | 0.0701 | 33.77505 | 7.08531 | 0.4517 |
| 3 | 10.008 | VB | 0.0667 | 13.34767 | 2.42649 | 0.1785 |
| 4 | 10.285 | BV | 0.0534 | 45.93706 | 12.64209 | 0.6144 |
| 5 | 10.376 | VB | 0.0896 | 188.17418 | 27.75989 | 2.5167 |
| 6 | 10.703 | BB | 0.1302 | 7126.40527 | 863.88562 | 95.3112 |
| 7 | 11.054 | BB | 0.0712 | 16.65778 | 3.04957 | 0.2228 |
| Totals : | | | | 7476.98773 | 927.35215 | |

**Sample Name: 21**




Signal 2: DAD1 B, Sig=330,4 Ref=off

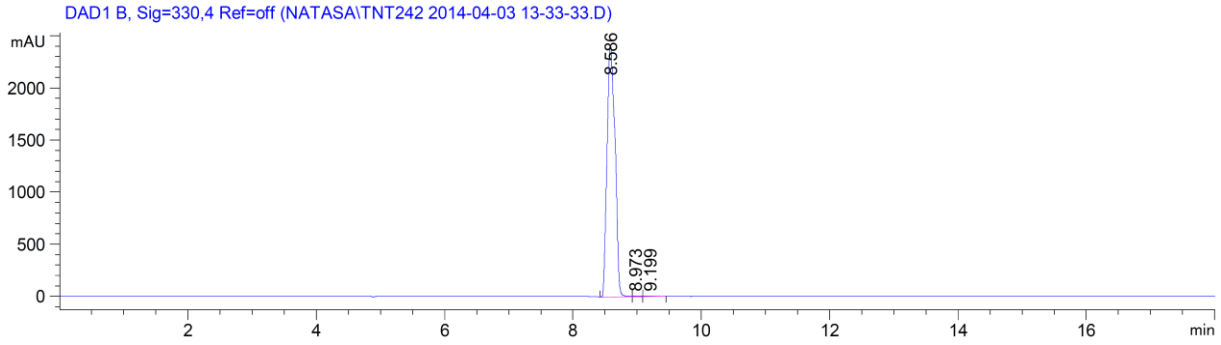
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.967 | BV | 0.1083 | 1.63149e4 | 2312.01196 | 99.8319 |
| 2 | 8.347 | VV | 0.0923 | 20.62825 | 2.71128 | 0.1262 |
| 3 | 9.367 | BB | 0.0602 | 6.84191 | 1.40722 | 0.0419 |
| Totals : | | | | 1.63424e4 | 2316.13046 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

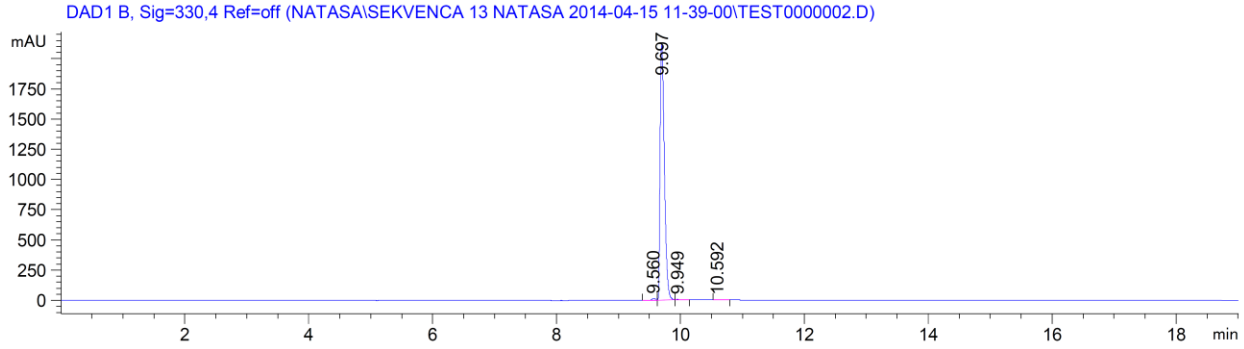
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.149 | BV | 0.0614 | 8.83848 | 1.93268 | 0.0986 |
| 2 | 8.302 | VV | 0.0677 | 13.34577 | 3.04360 | 0.1488 |
| 3 | 9.144 | BV | 0.0747 | 10.49736 | 1.68398 | 0.1171 |
| 4 | 9.683 | BV | 0.0756 | 32.22610 | 5.68374 | 0.3594 |
| 5 | 9.932 | VV | 0.0947 | 8888.06055 | 1455.37463 | 99.1108 |
| 6 | 10.257 | VB | 0.1013 | 14.83464 | 1.75156 | 0.1654 |
| Totals : | | | | 8967.80291 | 1469.47019 | |

**Sample Name: 22**




Signal 2: DAD1 B, Sig=330,4 Ref=off

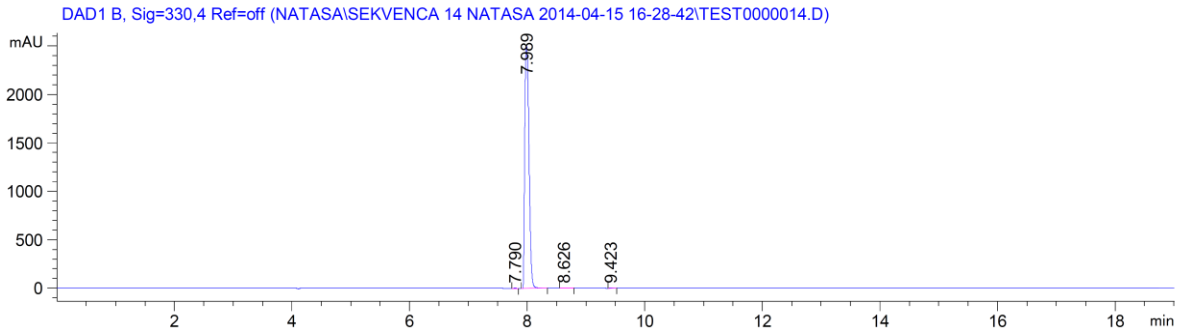
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.586 | BV | 0.1199 | 2.09052e4 | 2417.28076 | 99.5916 |
| 2 | 8.973 | VV | 0.1007 | 41.45657 | 5.16051 | 0.1975 |
| 3 | 9.199 | VB | 0.1391 | 44.27167 | 3.75336 | 0.2109 |
| Totals : | | | | 2.09909e4 | 2426.19464 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

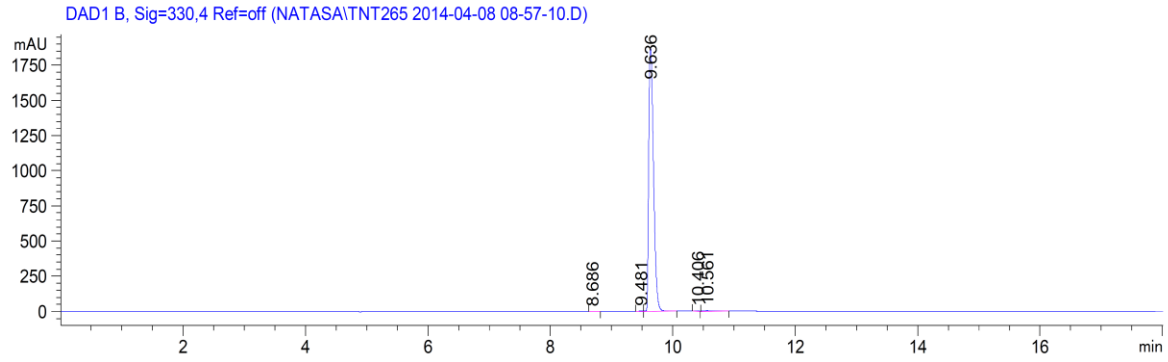
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 9.560 | BV | 0.0675 | 58.15198 | 11.58761 | 0.5604 |
| 2 | 9.697 | VV | 0.0762 | 1.02660e4 | 2114.09839 | 98.9310 |
| 3 | 9.949 | VB | 0.0766 | 27.52036 | 4.96937 | 0.2652 |
| 4 | 10.592 | BV | 0.1063 | 25.25648 | 3.07531 | 0.2434 |
| Totals : | | | | 1.03769e4 | 2133.73068 | |

**Sample Name: 23**




Signal 2: DAD1 B, Sig=330,4 Ref=off

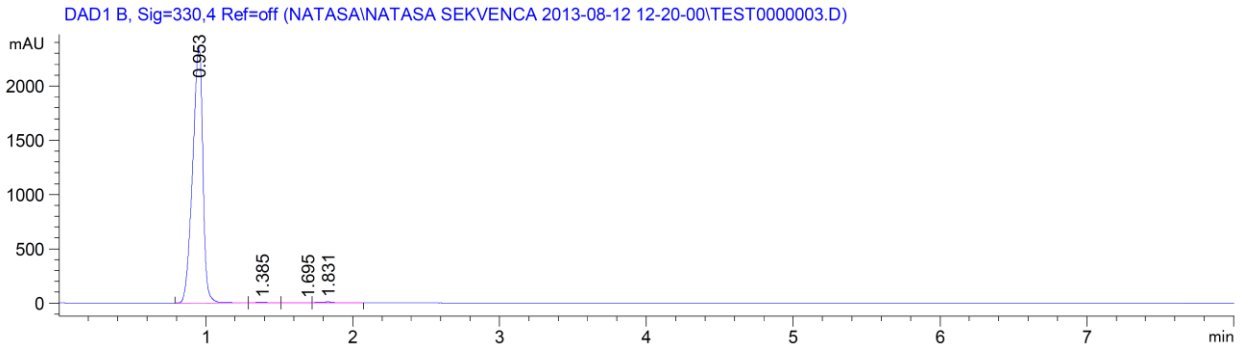
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.790 | BB | 0.0483 | 15.14492 | 5.07346 | 0.1200 |
| 2 | 7.989 | BB | 0.0809 | 1.25760e4 | 2511.97656 | 99.6807 |
| 3 | 8.626 | BB | 0.0673 | 14.36870 | 2.89919 | 0.1139 |
| 4 | 9.423 | BB | 0.0601 | 10.76524 | 2.53084 | 0.0853 |
| Totals : | | | | 1.26163e4 | 2522.48005 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

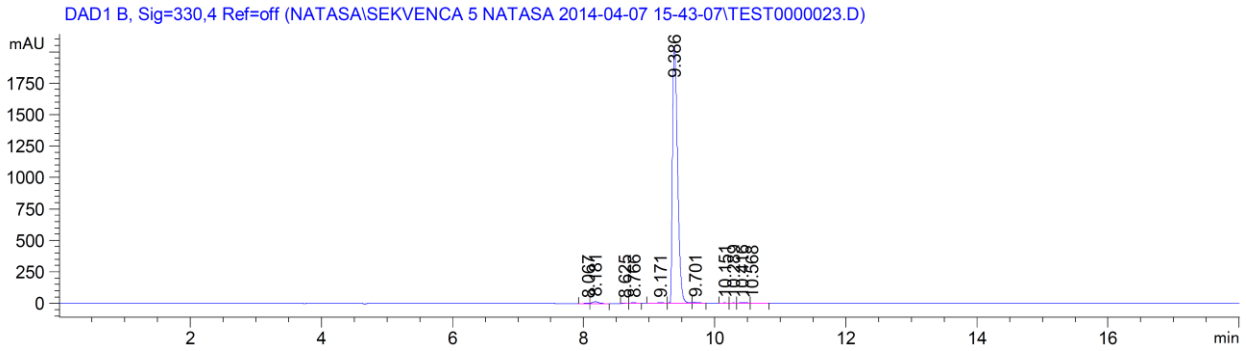
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.686 | VV | 0.0661 | 13.07656 | 2.69395 | 0.1274 |
| 2 | 9.481 | BV | 0.0527 | 7.88995 | 1.85146 | 0.0768 |
| 3 | 9.636 | VB | 0.0859 | 1.01966e4 | 1875.70667 | 99.3123 |
| 4 | 10.406 | BB | 0.0526 | 5.77916 | 1.43057 | 0.0563 |
| 5 | 10.561 | BB | 0.1300 | 43.86551 | 4.19323 | 0.4272 |
| Totals : | | | | 1.02672e4 | 1885.87587 | |

**Sample Name: 24**




Signal 2: DAD1 B, Sig=330,4 Ref=off

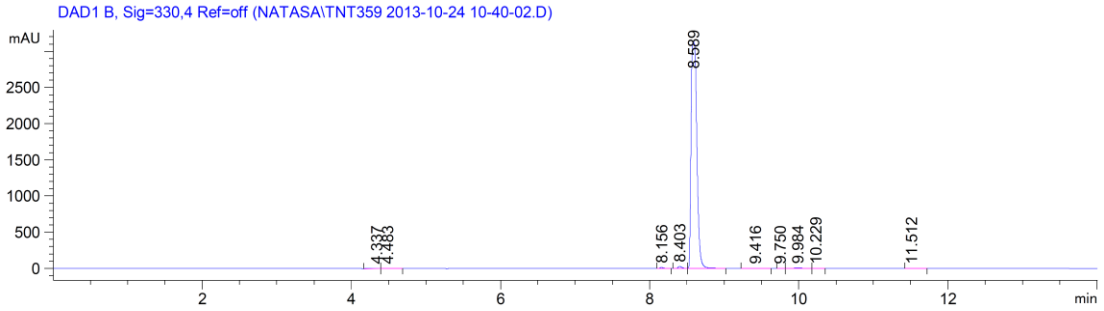
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 0.953 | BV | 0.0731 | 1.14448e4 | 2359.19434 | 99.0511 |
| 2 | 1.385 | VB | 0.0900 | 29.59786 | 4.48349 | 0.2562 |
| 3 | 1.695 | BV | 0.0758 | 16.81626 | 2.95778 | 0.1455 |
| 4 | 1.831 | VB | 0.0948 | 63.22114 | 9.07212 | 0.5472 |
| Totals : | | | | 1.15544e4 | 2375.70772 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

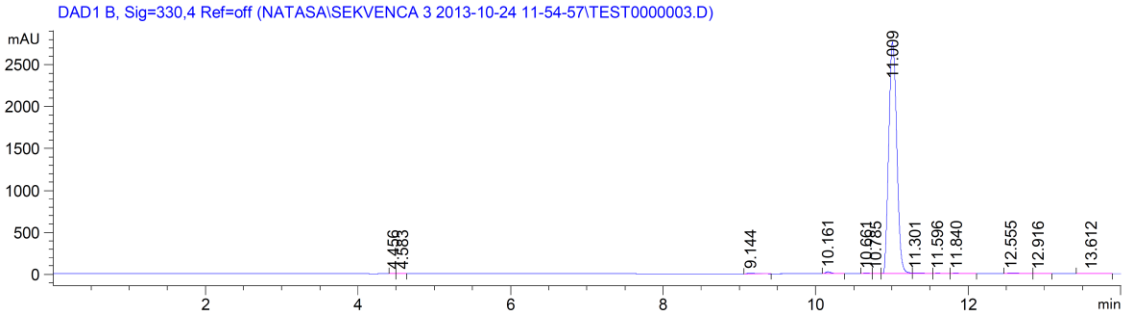
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.067 | BV | 0.0685 | 10.94363 | 2.07617 | 0.0972 |
| 2 | 8.181 | VB | 0.0876 | 91.69530 | 14.64218 | 0.8146 |
| 3 | 8.625 | BV | 0.0632 | 11.86975 | 2.65363 | 0.1054 |
| 4 | 8.766 | VB | 0.0848 | 33.61741 | 5.49752 | 0.2986 |
| 5 | 9.171 | BB | 0.0977 | 31.93712 | 4.76536 | 0.2837 |
| 6 | 9.386 | BV | 0.0852 | 1.09500e4 | 2038.43103 | 97.2745 |
| 7 | 9.701 | VB | 0.0808 | 32.75224 | 5.80314 | 0.2910 |
| 8 | 10.151 | BV | 0.0854 | 11.89622 | 1.67379 | 0.1057 |
| 9 | 10.289 | VB | 0.0657 | 15.79758 | 3.22309 | 0.1403 |
| 10 | 10.416 | BV | 0.0962 | 48.38120 | 6.82226 | 0.4298 |
| 11 | 10.568 | VB | 0.0989 | 17.91582 | 2.19172 | 0.1592 |
| Totals : | | | | 1.12568e4 | 2087.77988 | |

## Sample Name: 25




Signal 2: DAD1 B, Sig=330,4 Ref=off

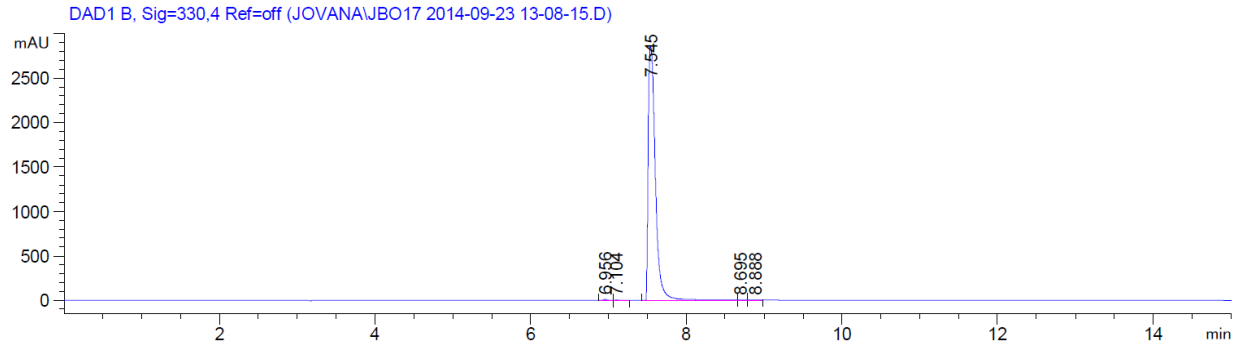
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.337 | BV | 0.1324 | 60.39914 | 5.53172 | 0.3527 |
| 2 | 4.483 | VB | 0.1280 | 50.37537 | 4.66518 | 0.2942 |
| 3 | 8.156 | BB | 0.0528 | 50.00817 | 14.47556 | 0.2920 |
| 4 | 8.403 | BV | 0.0520 | 97.82740 | 28.54595 | 0.5713 |
| 5 | 8.589 | VB | 0.0662 | 1.67623e4 | 3141.94897 | 97.8862 |
| 6 | 9.416 | BB | 0.0887 | 9.19699 | 1.29024 | 0.0537 |
| 7 | 9.750 | VV | 0.0629 | 10.53671 | 2.08855 | 0.0615 |
| 8 | 9.984 | VB | 0.1043 | 64.12425 | 8.19711 | 0.3745 |
| 9 | 10.229 | BB | 0.0700 | 9.70563 | 2.02376 | 0.0567 |
| 10 | 11.512 | BB | 0.0730 | 9.80606 | 1.99026 | 0.0573 |
| Totals : | | | | 1.71243e4 | 3210.75730 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

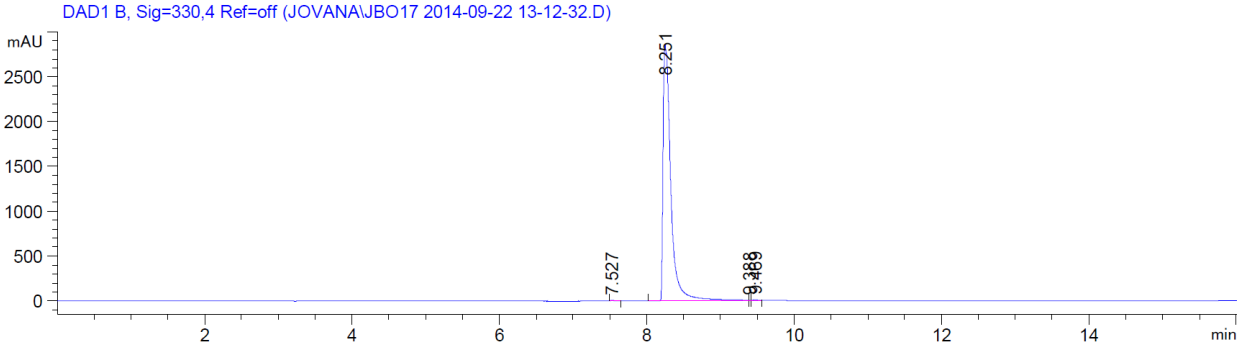
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.456 | VV | 0.0596 | 6.87563 | 1.53962 | 0.0333 |
| 2 | 4.583 | VV | 0.0861 | 10.02628 | 1.39887 | 0.0485 |
| 3 | 9.144 | BB | 0.0847 | 64.53676 | 11.73577 | 0.3124 |
| 4 | 10.161 | BV | 0.0791 | 114.27331 | 22.57656 | 0.5531 |
| 5 | 10.661 | BV | 0.0786 | 30.07199 | 6.03452 | 0.1455 |
| 6 | 10.785 | VB | 0.0526 | 6.35486 | 1.57259 | 0.0308 |
| 7 | 11.009 | BV | 0.1023 | 2.01927e4 | 2763.12891 | 97.7322 |
| 8 | 11.301 | VB | 0.1153 | 68.21975 | 7.66744 | 0.3302 |
| 9 | 11.596 | BV | 0.1070 | 36.21400 | 4.42455 | 0.1753 |
| 10 | 11.840 | VB | 0.1105 | 29.78372 | 3.37347 | 0.1442 |
| 11 | 12.555 | BV | 0.1087 | 64.14962 | 7.86125 | 0.3105 |
| 12 | 12.916 | VB | 0.0697 | 14.28041 | 2.83827 | 0.0691 |
| 13 | 13.612 | BB | 0.1232 | 23.77075 | 2.34647 | 0.1151 |
| Totals : | | | | 2.06612e4 | 2836.49828 | |

**Sample Name: 26**




Signal 2: DAD1 B, Sig=330,4 Ref=off

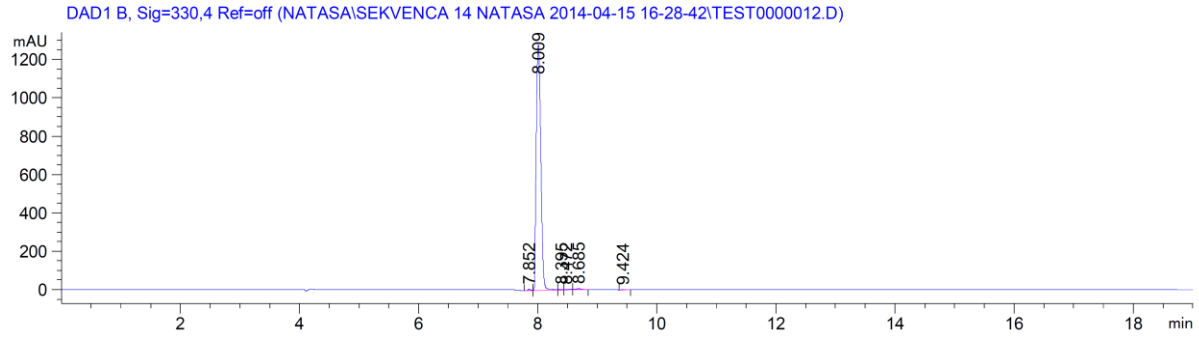
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 6.956 | BV | 0.0628 | 42.79304 | 10.22752 | 0.2311 |
| 2 | 7.104 | VB | 0.0449 | 25.03225 | 8.49939 | 0.1352 |
| 3 | 7.545 | BV | 0.0880 | 1.83838e4 | 2859.71729 | 99.2811 |
| 4 | 8.695 | VV | 0.0890 | 25.81832 | 3.46278 | 0.1394 |
| 5 | 8.888 | VV | 0.1098 | 39.47043 | 4.31106 | 0.2132 |
| Totals : | | | | 1.85169e4 | 2886.21804 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

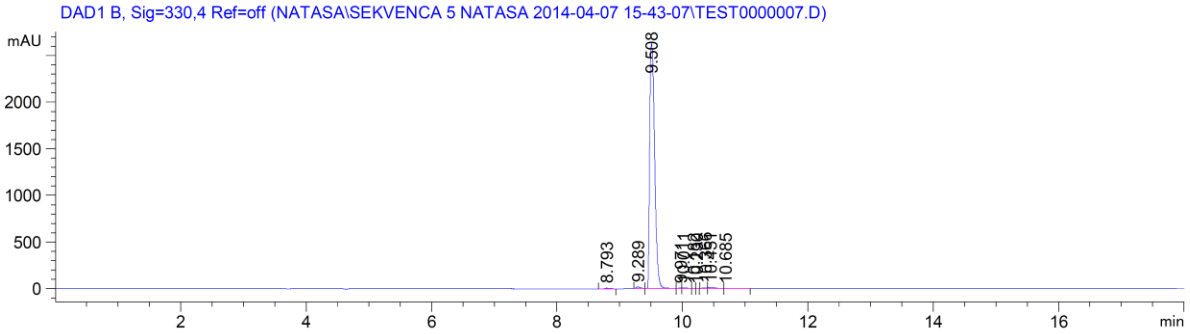
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.527 | VB | 0.0477 | 30.77229 | 9.27328 | 0.1452 |
| 2 | 8.251 | BV | 0.0875 | 2.10700e4 | 2856.97461 | 99.4466 |
| 3 | 9.388 | VV | 0.0211 | 12.06493 | 7.55909 | 0.0569 |
| 4 | 9.469 | VV | 0.0910 | 74.42210 | 9.80801 | 0.3513 |
| Totals : | | | | 2.11873e4 | 2883.61499 | |

**Sample Name: 27**




Signal 2: DAD1 B, Sig=330,4 Ref=off

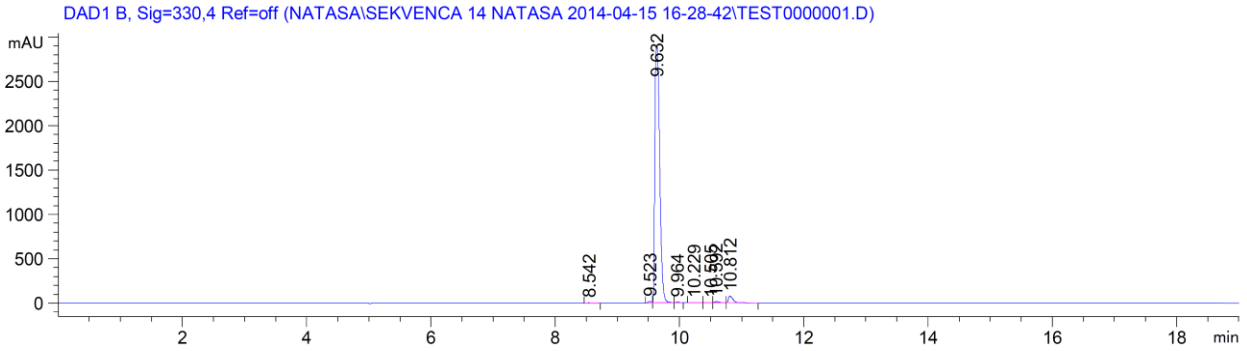
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.852 | BV | 0.0568 | 22.59573 | 6.23798 | 0.3262 |
| 2 | 8.009 | VV | 0.0884 | 6799.71094 | 1281.77283 | 98.1766 |
| 3 | 8.395 | VV | 0.0692 | 21.77937 | 4.12006 | 0.3145 |
| 4 | 8.472 | VV | 0.0895 | 29.86203 | 4.02778 | 0.4312 |
| 5 | 8.685 | VB | 0.0904 | 38.10271 | 5.67052 | 0.5501 |
| 6 | 9.424 | BB | 0.0692 | 13.94627 | 2.82115 | 0.2014 |
| Totals : | | | | 6925.99705 | 1304.65032 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

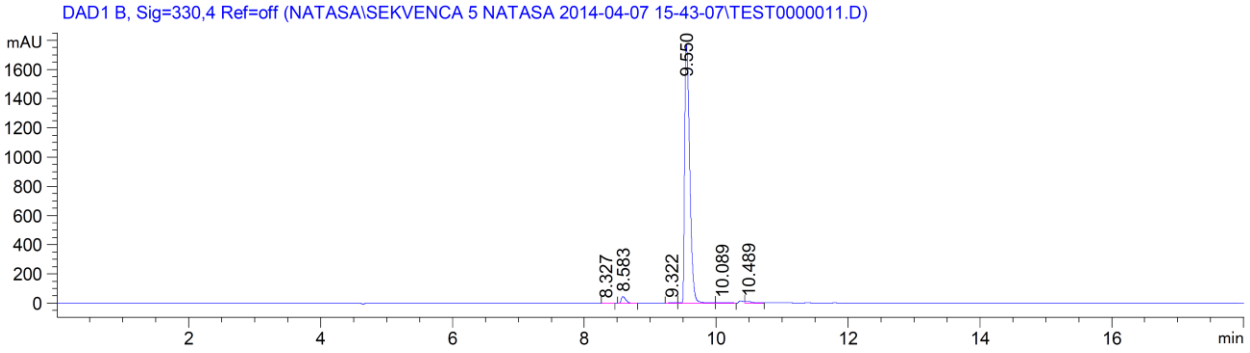
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.793 | BB | 0.0748 | 32.13729 | 6.48621 | 0.2174 |
| 2 | 9.289 | BV | 0.0785 | 90.53798 | 18.04282 | 0.6126 |
| 3 | 9.508 | VB | 0.0878 | 1.44537e4 | 2623.69434 | 97.7903 |
| 4 | 9.971 | BV | 0.0430 | 14.25704 | 5.19163 | 0.0965 |
| 5 | 10.011 | VV | 0.0775 | 32.26769 | 5.41408 | 0.2183 |
| 6 | 10.182 | VV | 0.0548 | 9.01143 | 2.27147 | 0.0610 |
| 7 | 10.230 | VB | 0.0335 | 5.15394 | 2.31652 | 0.0349 |
| 8 | 10.366 | BV | 0.0690 | 41.74236 | 8.77876 | 0.2824 |
| 9 | 10.451 | VV | 0.0957 | 90.92735 | 12.90355 | 0.6152 |
| 10 | 10.685 | VB | 0.1239 | 10.56216 | 1.00705 | 0.0715 |
| Totals : | | | | 1.47803e4 | 2686.10642 | |

**Sample Name: 28**




Signal 2: DAD1 B, Sig=330,4 Ref=off

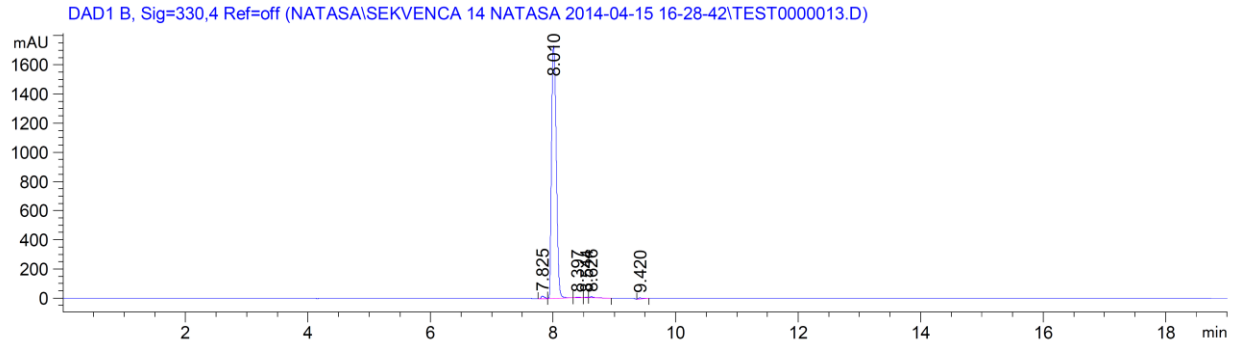
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.542 | BB | 0.0786 | 23.88282 | 4.52588 | 0.1466 |
| 2 | 9.523 | BV | 0.0549 | 52.99924 | 14.23299 | 0.3252 |
| 3 | 9.632 | VV | 0.0733 | 1.56967e4 | 2893.97168 | 96.3287 |
| 4 | 9.964 | VB | 0.0604 | 26.63846 | 6.10409 | 0.1635 |
| 5 | 10.229 | BV | 0.1193 | 13.31449 | 1.40786 | 0.0817 |
| 6 | 10.505 | VV | 0.0757 | 24.85732 | 4.44509 | 0.1525 |
| 7 | 10.592 | VV | 0.0839 | 74.72414 | 13.03861 | 0.4586 |
| 8 | 10.812 | VB | 0.0760 | 381.82062 | 78.85805 | 2.3432 |
| Totals : | | | | 1.62950e4 | 3016.58425 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

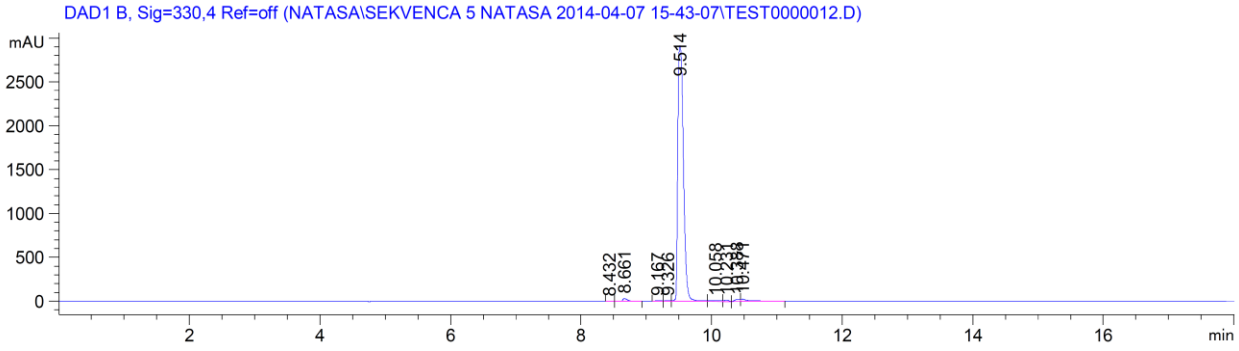
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.327 | BB | 0.0624 | 9.22441 | 1.94316 | 0.0927 |
| 2 | 8.583 | BB | 0.0762 | 224.09120 | 45.74001 | 2.2522 |
| 3 | 9.322 | BV | 0.0883 | 28.88306 | 4.79091 | 0.2903 |
| 4 | 9.550 | VV | 0.0847 | 9492.70215 | 1765.67749 | 95.4064 |
| 5 | 10.089 | VB | 0.1974 | 82.47160 | 4.92473 | 0.8289 |
| 6 | 10.489 | VV | 0.1192 | 112.38360 | 12.12220 | 1.1295 |
| Totals : | | | | 9949.75602 | 1835.19849 | |

**Sample Name: 29**




Signal 2: DAD1 B, Sig=330,4 Ref=off

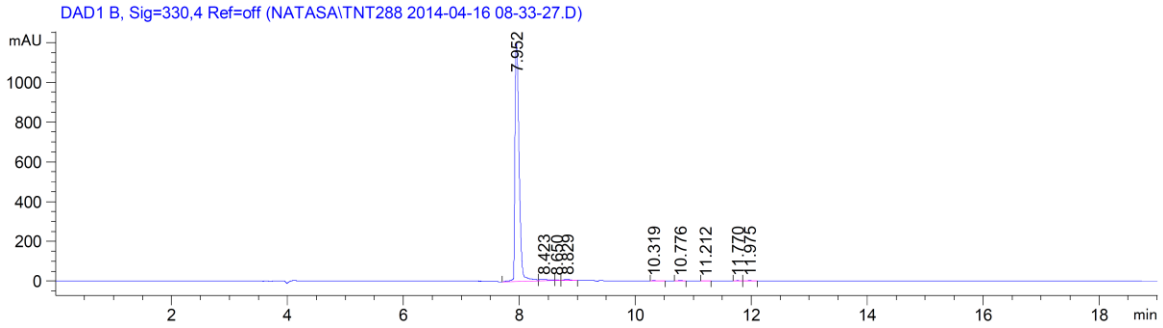
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.825 | BV | 0.0592 | 66.12077 | 17.08452 | 0.6968 |
| 2 | 8.010 | VB | 0.0875 | 9288.91504 | 1732.76758 | 97.8890 |
| 3 | 8.397 | BV | 0.0810 | 29.12620 | 4.81800 | 0.3069 |
| 4 | 8.544 | VV | 0.0598 | 18.66372 | 4.32711 | 0.1967 |
| 5 | 8.626 | VB | 0.0849 | 48.81587 | 8.03590 | 0.5144 |
| 6 | 9.420 | BB | 0.0802 | 37.59212 | 6.37928 | 0.3962 |
| Totals : | | | | 9489.23372 | 1773.41239 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

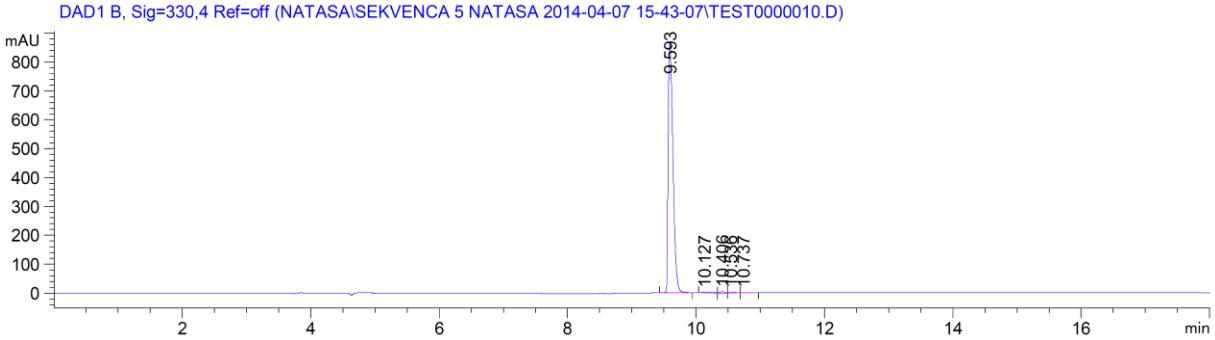
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.432 | BV | 0.0607 | 8.36997 | 1.92757 | 0.0458 |
| 2 | 8.661 | VB | 0.0749 | 153.35751 | 31.70652 | 0.8385 |
| 3 | 9.167 | BV | 0.0742 | 37.34495 | 7.23540 | 0.2042 |
| 4 | 9.326 | VV | 0.0831 | 48.05375 | 8.35101 | 0.2627 |
| 5 | 9.514 | VV | 0.0723 | 1.74529e4 | 2916.41309 | 95.4283 |
| 6 | 10.058 | VV | 0.1490 | 126.97992 | 10.25088 | 0.6943 |
| 7 | 10.231 | VB | 0.0758 | 82.88263 | 17.03580 | 0.4532 |
| 8 | 10.388 | BV | 0.0735 | 134.01381 | 24.81145 | 0.7328 |
| 9 | 10.471 | VB | 0.1304 | 245.11580 | 24.78178 | 1.3402 |
| Totals : | | | | 1.82890e4 | 3042.51349 | |

**Sample Name: 30**




Signal 2: DAD1 B, Sig=330,4 Ref=off

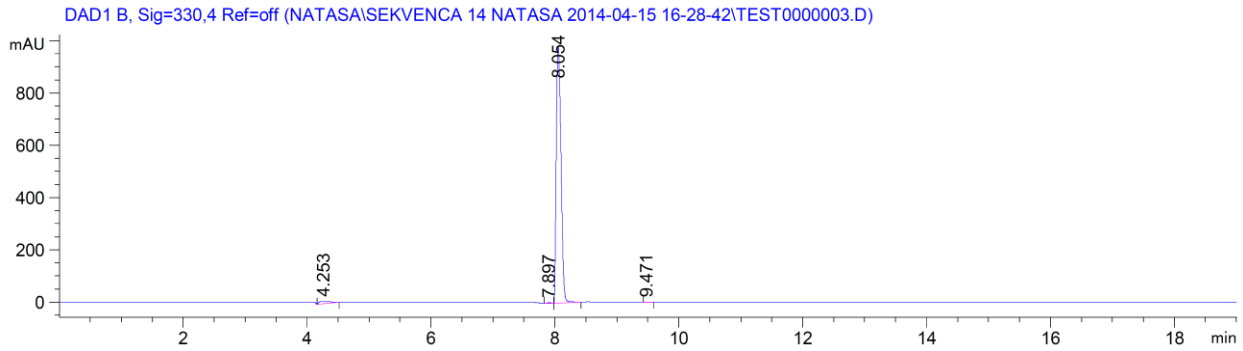
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.952 | BV | 0.0784 | 6049.01172 | 1198.57043 | 96.6521 |
| 2 | 8.423 | VV | 0.1432 | 89.20660 | 7.45164 | 1.4254 |
| 3 | 8.650 | VB | 0.0522 | 9.55742 | 2.36319 | 0.1527 |
| 4 | 8.829 | BB | 0.0881 | 40.29361 | 5.83012 | 0.6438 |
| 5 | 10.319 | BV | 0.0722 | 14.19255 | 2.57976 | 0.2268 |
| 6 | 10.776 | BB | 0.0619 | 15.43726 | 3.64787 | 0.2467 |
| 7 | 11.212 | VV | 0.0631 | 8.74201 | 1.81850 | 0.1397 |
| 8 | 11.770 | BV | 0.0599 | 12.22347 | 2.74702 | 0.1953 |
| 9 | 11.975 | VV | 0.0886 | 19.87585 | 3.13054 | 0.3176 |
| Totals : | | | | 6258.54048 | 1228.13907 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

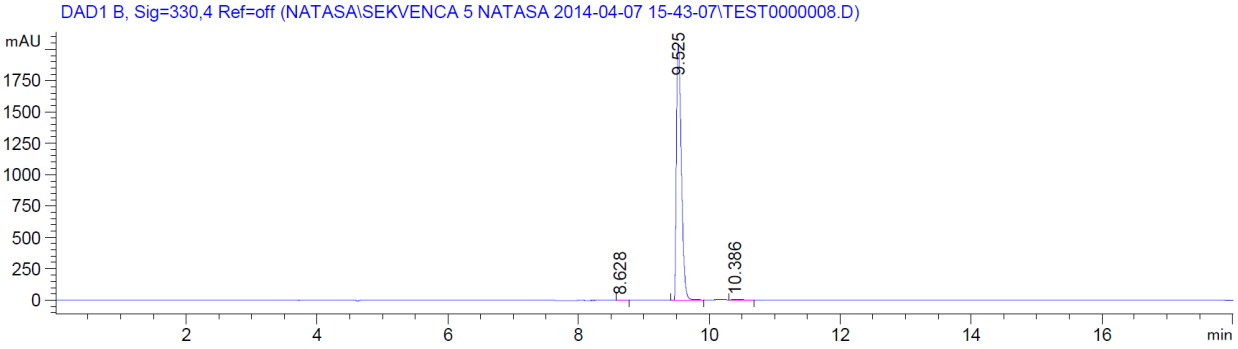
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 9.593 | VB | 0.0819 | 4466.46387 | 862.46082 | 97.8548 |
| 2 | 10.127 | BB | 0.1727 | 30.29226 | 2.07683 | 0.6637 |
| 3 | 10.406 | BV | 0.0783 | 27.94612 | 4.36029 | 0.6123 |
| 4 | 10.536 | VV | 0.1031 | 26.02119 | 3.03383 | 0.5701 |
| 5 | 10.737 | VB | 0.1128 | 13.65448 | 1.43180 | 0.2992 |
| Totals : | | | | 4564.37791 | 873.36355 | |

**Sample Name: 31**




Signal 2: DAD1 B, Sig=330,4 Ref=off

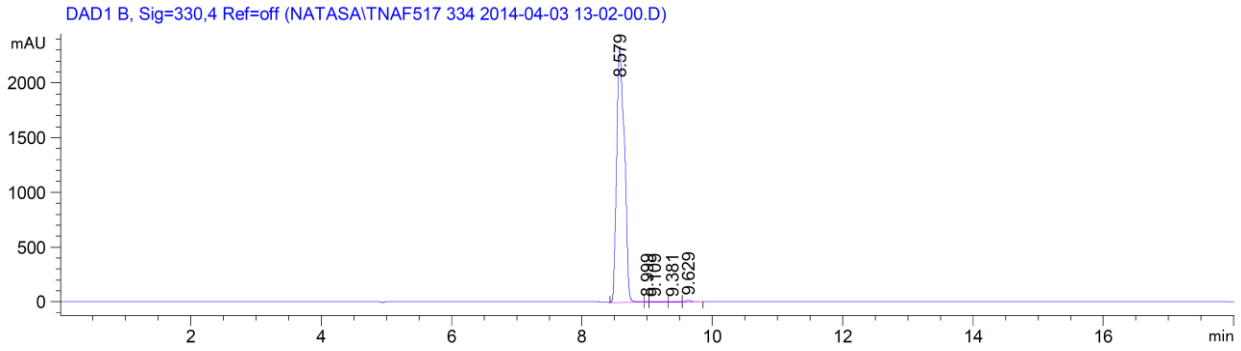
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.253 | BB | 0.1441 | 92.08942 | 7.56255 | 1.7405 |
| 2 | 7.897 | BB | 0.0608 | 9.94319 | 2.26212 | 0.1879 |
| 3 | 8.054 | BB | 0.0879 | 5183.60889 | 977.75629 | 97.9687 |
| 4 | 9.471 | BB | 0.0576 | 5.44278 | 1.16319 | 0.1029 |
| Totals : | | | | 5291.08427 | 988.74415 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

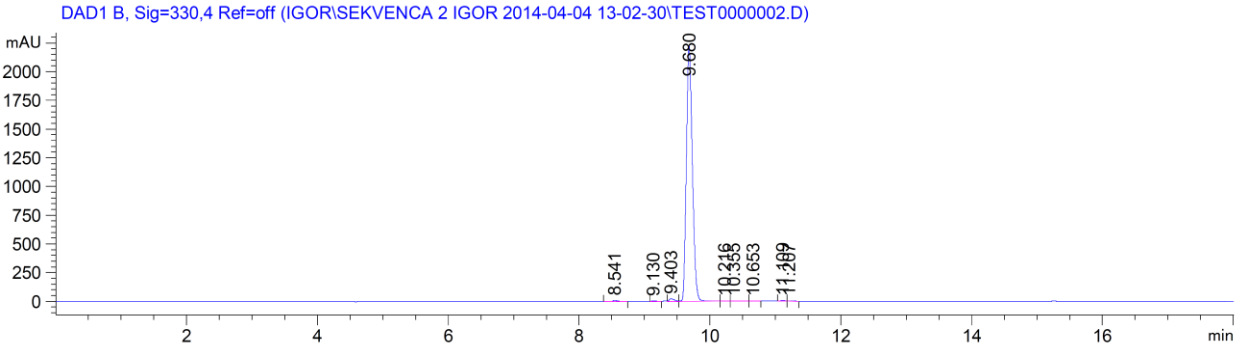
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.628 | VB | 0.0742 | 16.41885 | 2.98427 | 0.1540 |
| 2 | 9.525 | BB | 0.0822 | 1.06079e4 | 2037.35510 | 99.5051 |
| 3 | 10.386 | BB | 0.1145 | 36.33965 | 3.76771 | 0.3409 |
| Totals : | | | | 1.06606e4 | 2044.10708 | |

**Sample Name: 32**




Signal 2: DAD1 B, Sig=330,4 Ref=off

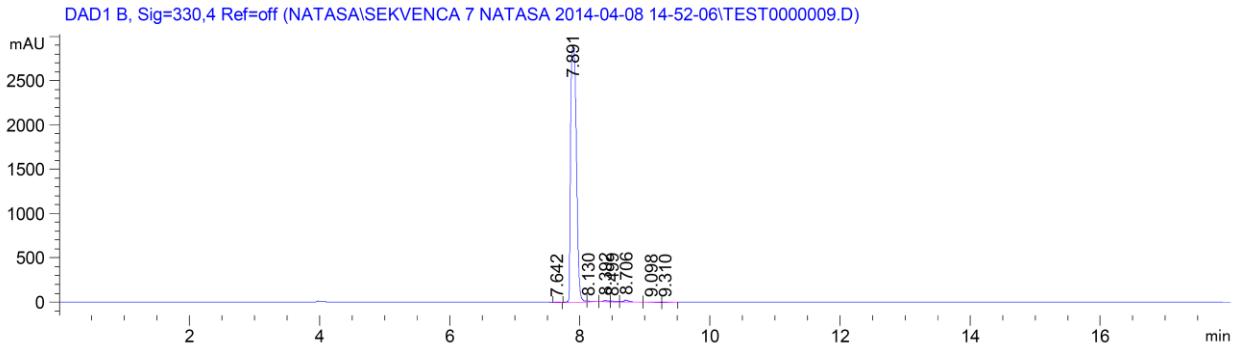
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.579 | BV | 0.1117 | 1.93888e4 | 2340.16846 | 98.7000 |
| 2 | 8.999 | VV | 0.0559 | 27.38681 | 5.93067 | 0.1394 |
| 3 | 9.109 | VV | 0.1782 | 89.27927 | 5.91122 | 0.4545 |
| 4 | 9.381 | VV | 0.1257 | 39.84706 | 3.78956 | 0.2028 |
| 5 | 9.629 | VB | 0.0891 | 98.85807 | 15.56283 | 0.5032 |
| Totals : | | | | 1.96442e4 | 2371.36274 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.541 | BB | 0.0708 | 47.70575 | 9.97854 | 0.3323 |
| 2 | 9.130 | BB | 0.0656 | 11.75017 | 2.63219 | 0.0819 |
| 3 | 9.403 | VV | 0.0860 | 116.76105 | 20.96697 | 0.8134 |
| 4 | 9.680 | VB | 0.0968 | 1.40894e4 | 2227.83154 | 98.1486 |
| 5 | 10.216 | BV | 0.0749 | 11.15151 | 1.82143 | 0.0777 |
| 6 | 10.355 | VV | 0.1262 | 15.93550 | 1.49748 | 0.1110 |
| 7 | 10.653 | VV | 0.0828 | 8.53145 | 1.22417 | 0.0594 |
| 8 | 11.109 | BV | 0.0636 | 36.82886 | 8.49059 | 0.2566 |
| 9 | 11.207 | VB | 0.0608 | 17.11027 | 3.93266 | 0.1192 |
| Totals : | | | | 1.43552e4 | 2278.37559 | |

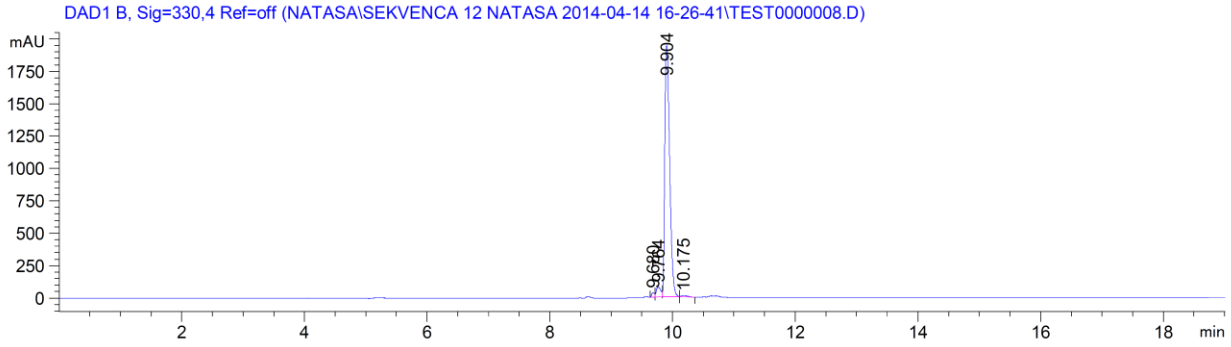
**Sample Name: 33**




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.642 | BB | 0.0525 | 23.39645 | 6.66006 | 0.1295 |
| 2 | 7.891 | BV | 0.0730 | 1.76658e4 | 2881.16260 | 97.7882 |
| 3 | 8.130 | VB | 0.0582 | 37.07119 | 8.29254 | 0.2052 |
| 4 | 8.392 | BV | 0.0839 | 83.69537 | 14.93643 | 0.4633 |
| 5 | 8.499 | VV | 0.0737 | 47.77913 | 8.61916 | 0.2645 |
| 6 | 8.706 | VV | 0.0833 | 133.37680 | 21.82162 | 0.7383 |
| 7 | 9.098 | VB | 0.1549 | 49.70800 | 4.10250 | 0.2752 |
| 8 | 9.310 | BB | 0.0857 | 24.54165 | 3.88307 | 0.1358 |

Totals : 1.80653e4 2949.47798

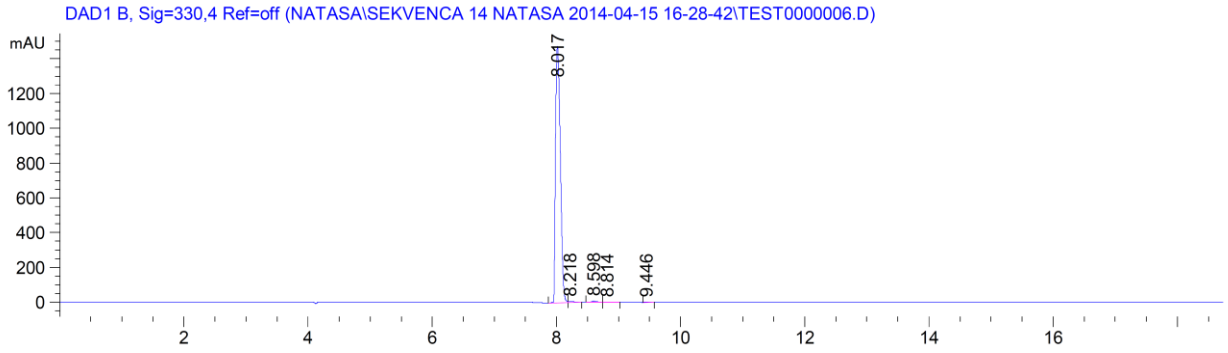



Signal 2: DAD1 B, Sig=330,4 Ref=off

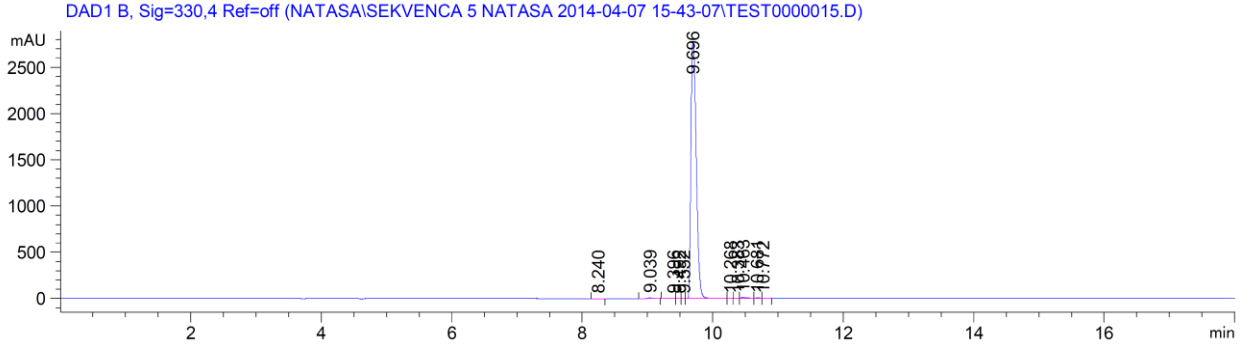
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 9.680 | BV | 0.0531 | 104.42863 | 31.59508 | 0.9282 |
| 2 | 9.764 | VV | 0.0785 | 386.11148 | 77.63241 | 3.4319 |
| 3 | 9.904 | VB | 0.0867 | 1.06955e4 | 1943.08875 | 95.0654 |
| 4 | 10.175 | BB | 0.0923 | 64.63119 | 9.82190 | 0.5745 |

Totals : 1.12507e4 2062.13814

**Sample Name: 34**



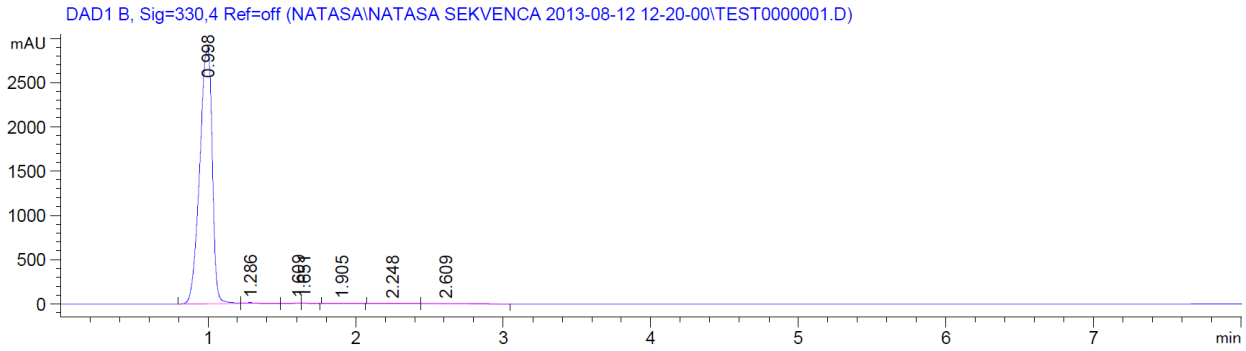

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.017 | BV | 0.0922 | 7985.20068 | 1474.91187 | 99.0005 |
| 2 | 8.218 | VB | 0.0755 | 36.44203 | 6.44573 | 0.4518 |
| 3 | 8.598 | BV | 0.0764 | 29.79388 | 5.57178 | 0.3694 |
| 4 | 8.814 | VB | 0.0908 | 7.61416 | 1.00557 | 0.0944 |
| 5 | 9.446 | BB | 0.0624 | 6.76908 | 1.30674 | 0.0839 |
| Totals : | | | | 8065.81984 | 1489.24169 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

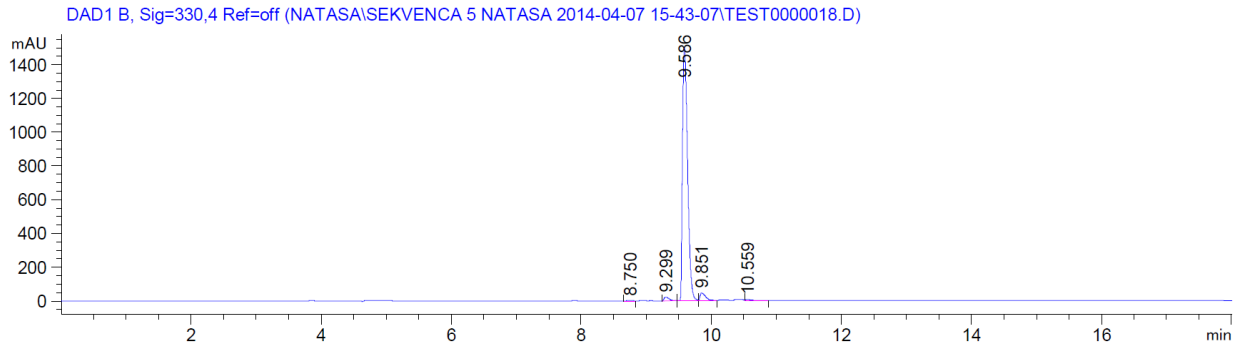
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.240 | BV | 0.0866 | 12.23953 | 1.68814 | 0.0774 |
| 2 | 9.039 | BB | 0.0793 | 34.76120 | 6.55972 | 0.2199 |
| 3 | 9.396 | BV | 0.0805 | 8.12933 | 1.28080 | 0.0514 |
| 4 | 9.492 | VV | 0.0559 | 6.25020 | 1.46054 | 0.0395 |
| 5 | 9.552 | VV | 0.0495 | 7.14628 | 2.01099 | 0.0452 |
| 6 | 9.696 | VB | 0.0792 | 1.56265e4 | 2754.54688 | 98.8686 |
| 7 | 10.268 | BB | 0.0424 | 5.35166 | 2.09014 | 0.0339 |
| 8 | 10.383 | BV | 0.0591 | 12.79607 | 3.38822 | 0.0810 |
| 9 | 10.463 | VB | 0.0942 | 67.74027 | 10.23507 | 0.4286 |
| 10 | 10.681 | BV | 0.0587 | 16.76369 | 3.78475 | 0.1061 |
| 11 | 10.772 | VB | 0.0503 | 7.64952 | 1.86678 | 0.0484 |
| Totals : | | | | 1.58053e4 | 2788.91202 | |

**Sample Name: 35**




Signal 2: DAD1 B, Sig=330,4 Ref=off

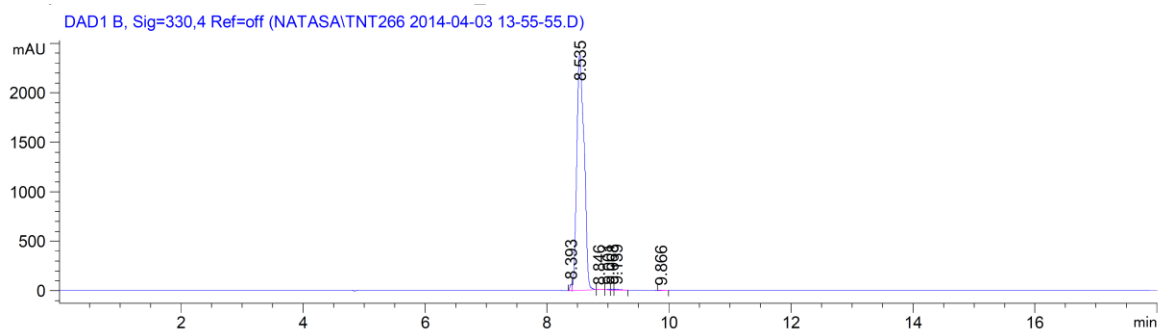
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 0.998 | BV | 0.0703 | 1.69966e4 | 2901.97534 | 99.1085 |
| 2 | 1.286 | VB | 0.0975 | 72.97218 | 10.77757 | 0.4255 |
| 3 | 1.609 | BV | 0.0605 | 18.05657 | 4.21530 | 0.1053 |
| 4 | 1.651 | VB | 0.0516 | 15.65561 | 4.28326 | 0.0913 |
| 5 | 1.905 | BB | 0.0859 | 11.93686 | 1.66008 | 0.0696 |
| 6 | 2.248 | BB | 0.1131 | 18.16790 | 1.89928 | 0.1059 |
| 7 | 2.609 | BB | 0.1541 | 16.10009 | 1.23525 | 0.0939 |
| Totals : | | | | 1.71495e4 | 2926.04608 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

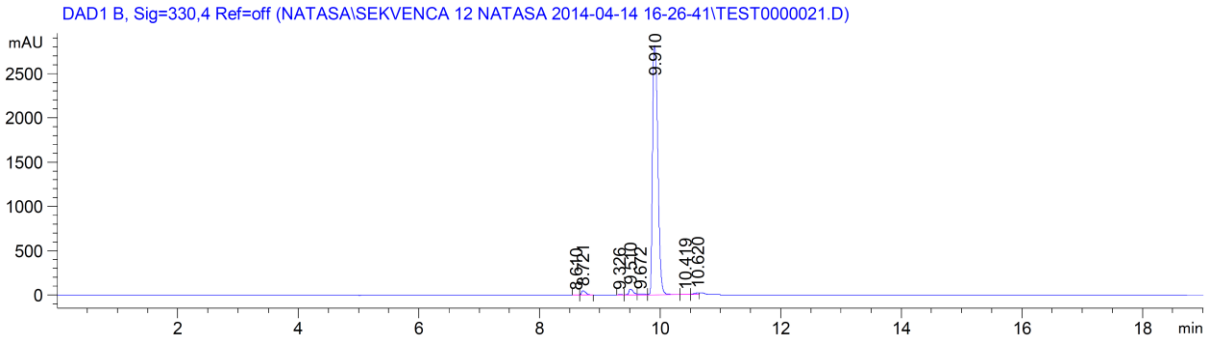
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.750 | BV | 0.0786 | 15.37544 | 2.38943 | 0.1790 |
| 2 | 9.299 | BV | 0.0842 | 114.68154 | 21.67168 | 1.3351 |
| 3 | 9.586 | VV | 0.0852 | 8161.54736 | 1506.20349 | 95.0124 |
| 4 | 9.851 | VB | 0.0895 | 258.18219 | 44.29782 | 3.0056 |
| 5 | 10.559 | VB | 0.0934 | 40.19394 | 5.94690 | 0.4679 |
| Totals : | | | | 8589.98048 | 1580.50933 | |

**Sample Name: 36**




Signal 2: DAD1 B, Sig=330,4 Ref=off

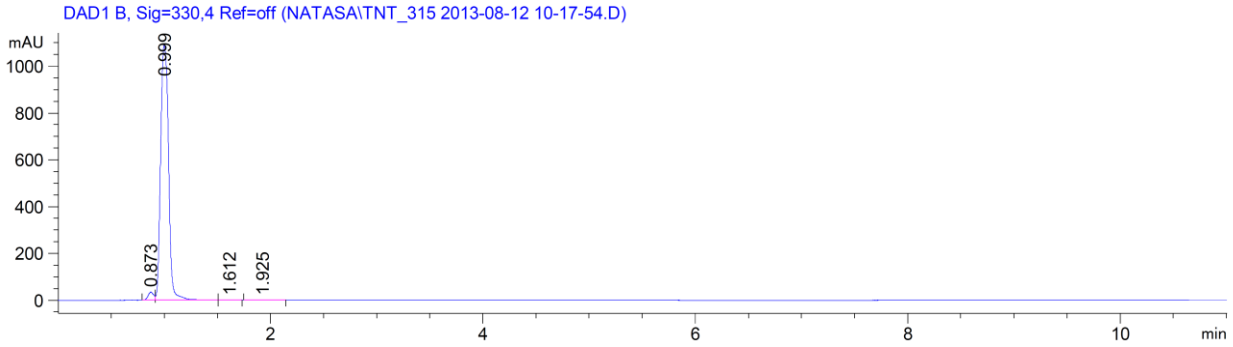
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.393 | BV | 0.0385 | 161.41011 | 67.15630 | 0.7960 |
| 2 | 8.535 | VB | 0.1124 | 1.99932e4 | 2407.24902 | 98.5926 |
| 3 | 8.846 | BB | 0.0653 | 11.29076 | 2.38247 | 0.0557 |
| 4 | 9.001 | BV | 0.0518 | 20.74799 | 5.72824 | 0.1023 |
| 5 | 9.068 | VV | 0.0500 | 21.60400 | 6.14304 | 0.1065 |
| 6 | 9.139 | VB | 0.0818 | 52.82511 | 9.01892 | 0.2605 |
| 7 | 9.866 | BV | 0.0753 | 17.51790 | 2.82866 | 0.0864 |
| Totals : | | | | 2.02786e4 | 2500.50665 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

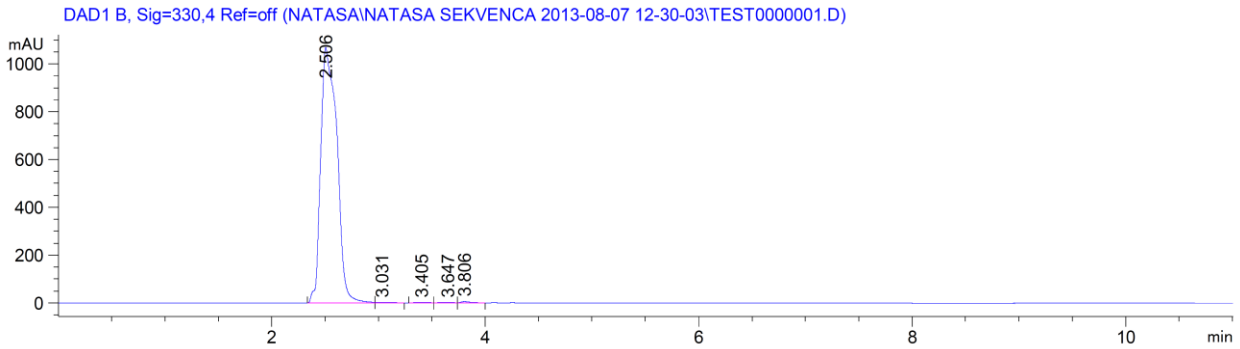
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.610 | BV | 0.0633 | 14.64186 | 3.36301 | 0.0815 |
| 2 | 8.721 | VB | 0.0772 | 240.84940 | 48.72623 | 1.3399 |
| 3 | 9.326 | BB | 0.0511 | 10.56876 | 2.92749 | 0.0588 |
| 4 | 9.510 | BV | 0.0792 | 326.83578 | 64.37576 | 1.8183 |
| 5 | 9.672 | VV | 0.1036 | 86.33488 | 11.63098 | 0.4803 |
| 6 | 9.910 | VV | 0.0741 | 1.71524e4 | 2812.56274 | 95.4257 |
| 7 | 10.419 | VB | 0.0992 | 25.95181 | 3.11481 | 0.1444 |
| 8 | 10.620 | BV | 0.0769 | 117.02212 | 20.87304 | 0.6510 |
| Totals : | | | | 1.79746e4 | 2967.57408 | |

**Sample Name: 37**




Signal 2: DAD1 B, Sig=330,4 Ref=off

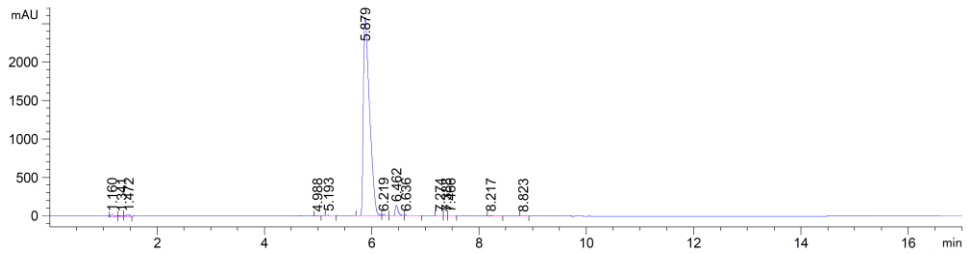
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 0.873 | BV | 0.0549 | 125.78959 | 34.59140 | 2.1811 |
| 2 | 0.999 | VB | 0.0837 | 5616.22363 | 1088.39661 | 97.3813 |
| 3 | 1.612 | BB | 0.0683 | 9.14972 | 1.64614 | 0.1586 |
| 4 | 1.925 | BB | 0.1050 | 16.08860 | 1.85921 | 0.2790 |
| Totals : | | | | 5767.25154 | 1126.49337 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 2.506 | BV | 0.1470 | 1.12746e4 | 1069.05579 | 99.4762 |
| 2 | 3.031 | VB | 0.1059 | 10.68155 | 1.19899 | 0.0942 |
| 3 | 3.405 | BV | 0.0700 | 11.39654 | 2.04457 | 0.1006 |
| 4 | 3.647 | VV | 0.0749 | 11.41349 | 2.06692 | 0.1007 |
| 5 | 3.806 | VB | 0.0713 | 25.87692 | 5.27325 | 0.2283 |
| Totals : | | | | 1.13340e4 | 1079.63952 | |

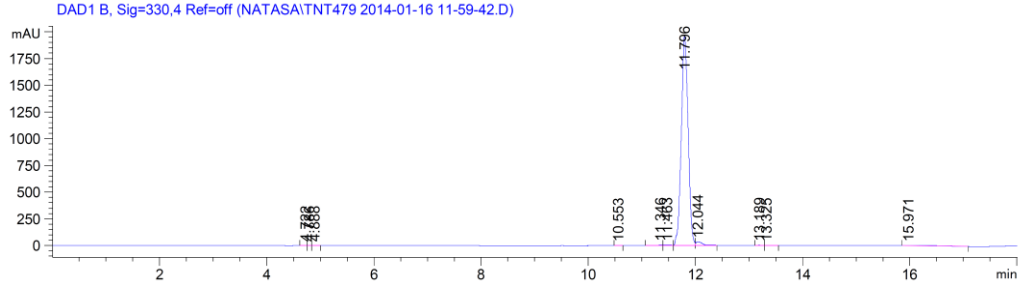
**Sample Name: 38**




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 1.182 | BV | 0.0505 | 55.56334 | 15.23612 | 0.2748 |
| 2 | 1.257 | VV | 0.0611 | 77.82195 | 16.93299 | 0.3849 |
| 3 | 1.341 | VV | 0.0829 | 113.96752 | 18.48616 | 0.5637 |
| 4 | 1.407 | VB | 0.0846 | 106.51035 | 16.00325 | 0.5268 |
| 5 | 1.729 | BB | 0.2597 | 76.16355 | 3.44159 | 0.3767 |
| 6 | 4.988 | BV | 0.0546 | 12.12258 | 3.44239 | 0.0600 |
| 7 | 5.193 | BV | 0.0586 | 5.30560 | 1.23564 | 0.0262 |
| 8 | 5.879 | BV | 0.1158 | 1.95078e4 | 2376.62207 | 96.4888 |
| 9 | 6.220 | VB | 0.0563 | 13.73944 | 3.15471 | 0.0680 |
| 10 | 6.462 | BV | 0.0587 | 220.57759 | 57.57114 | 1.0910 |
| 11 | 6.637 | VB | 0.0541 | 13.12250 | 3.63854 | 0.0649 |
| 12 | 7.465 | VB | 0.0719 | 14.97977 | 2.80136 | 0.0741 |

Totals : 2.02176e4 2518.56596

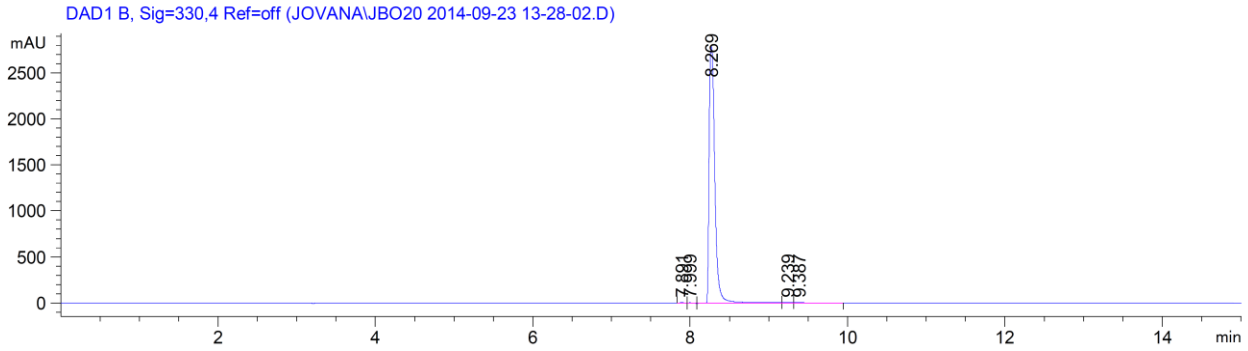



Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.722 | BV | 0.0600 | 6.47327 | 1.31353 | 0.0364 |
| 2 | 4.786 | VV | 0.0560 | 5.44627 | 1.24491 | 0.0306 |
| 3 | 4.888 | VB | 0.0663 | 5.99949 | 1.17145 | 0.0338 |
| 4 | 10.553 | BB | 0.0639 | 7.89797 | 1.66222 | 0.0444 |
| 5 | 11.346 | BV | 0.0762 | 13.10356 | 2.07406 | 0.0737 |
| 6 | 11.463 | VV | 0.1048 | 25.95867 | 3.22881 | 0.1461 |
| 7 | 11.796 | VV | 0.1347 | 1.72956e4 | 1955.37756 | 97.3239 |
| 8 | 12.044 | VB | 0.1105 | 250.32732 | 31.58321 | 1.4086 |
| 9 | 13.189 | BV | 0.0782 | 12.22650 | 1.98822 | 0.0688 |
| 10 | 13.325 | VB | 0.0642 | 6.27564 | 1.17767 | 0.0353 |
| 11 | 15.971 | BB | 1.1937 | 141.87440 | 1.38840 | 0.7983 |

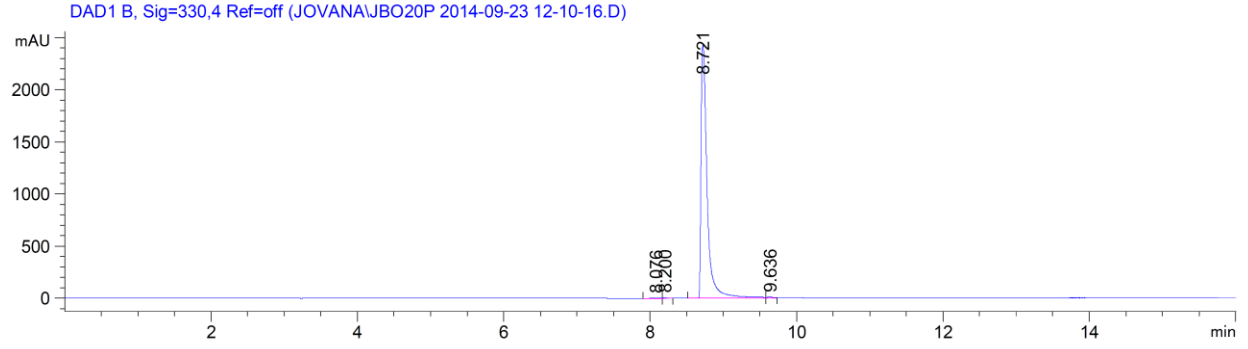
Totals : 1.77712e4 2002.21004

**Sample Name: 39**




Signal 2: DAD1 B, Sig=330,4 Ref=off

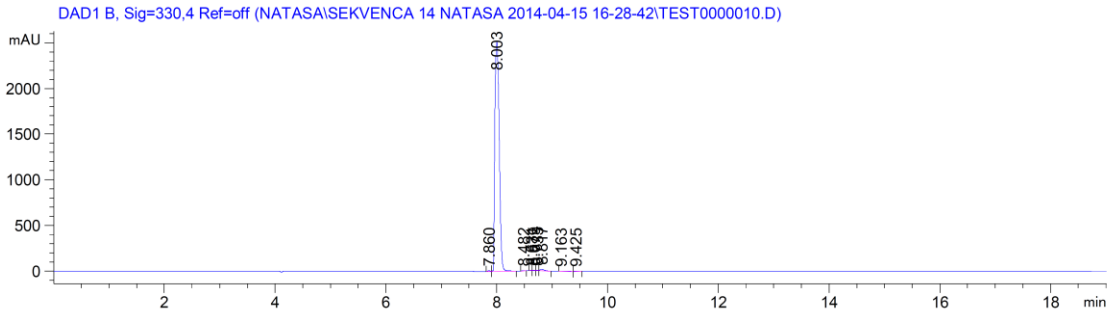
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.891 | BB | 0.0475 | 28.99449 | 9.52563 | 0.2020 |
| 2 | 7.999 | BB | 0.0397 | 16.37756 | 6.43133 | 0.1141 |
| 3 | 8.269 | BV | 0.0703 | 1.41971e4 | 2791.23730 | 98.9137 |
| 4 | 9.239 | VV | 0.0941 | 40.25073 | 5.18068 | 0.2804 |
| 5 | 9.387 | VB | 0.2113 | 70.28793 | 3.89909 | 0.4897 |
| Totals : | | | | 1.43530e4 | 2816.27403 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

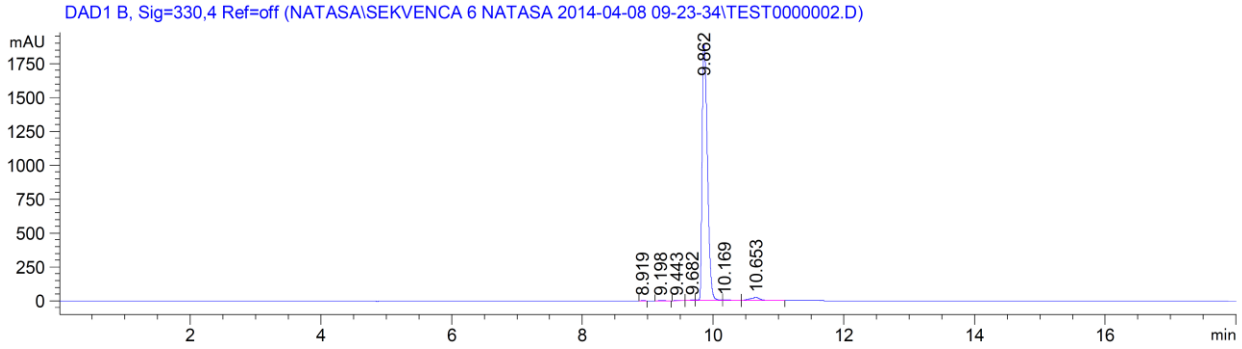
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.076 | BV | 0.0773 | 31.57585 | 5.02672 | 0.2223 |
| 2 | 8.200 | VB | 0.0481 | 20.31782 | 6.22585 | 0.1430 |
| 3 | 8.721 | BV | 0.0873 | 1.40864e4 | 2440.89893 | 99.1513 |
| 4 | 9.636 | VV | 0.1021 | 68.67941 | 8.65658 | 0.4834 |
| Totals : | | | | 1.42069e4 | 2460.80806 | |

**Sample Name: 40**




Signal 2: DAD1 B, Sig=330,4 Ref=off

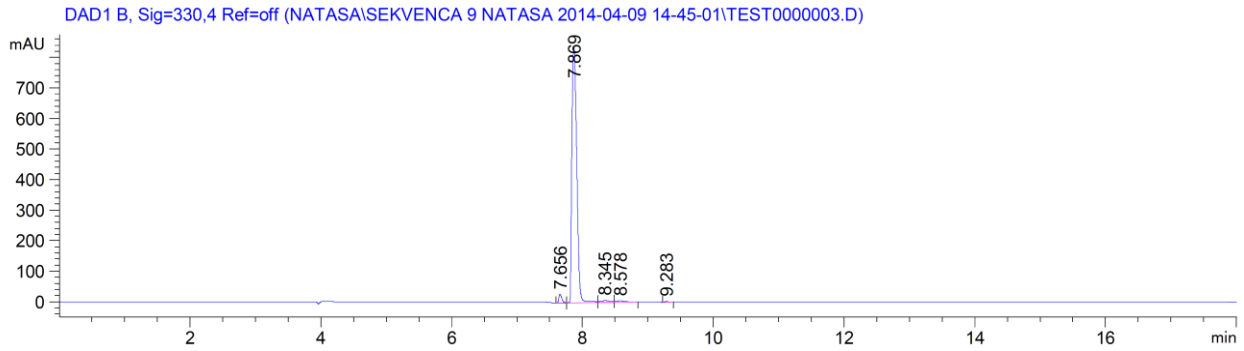
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.860 | BV | 0.0550 | 35.66498 | 9.80127 | 0.2537 |
| 2 | 8.003 | VB | 0.0914 | 1.38057e4 | 2502.87939 | 98.1883 |
| 3 | 8.482 | BV | 0.0504 | 15.06065 | 4.75811 | 0.1071 |
| 4 | 8.631 | BV | 0.0339 | 11.94166 | 5.70111 | 0.0849 |
| 5 | 8.679 | VV | 0.0460 | 26.84401 | 7.92017 | 0.1909 |
| 6 | 8.735 | VV | 0.0461 | 29.56415 | 9.04134 | 0.2103 |
| 7 | 8.817 | VB | 0.0817 | 104.11130 | 18.33525 | 0.7405 |
| 8 | 9.163 | VB | 0.1730 | 19.66928 | 1.34174 | 0.1399 |
| 9 | 9.425 | BB | 0.0627 | 11.87707 | 2.63141 | 0.0845 |
| Totals : | | | | 1.40604e4 | 2562.40980 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

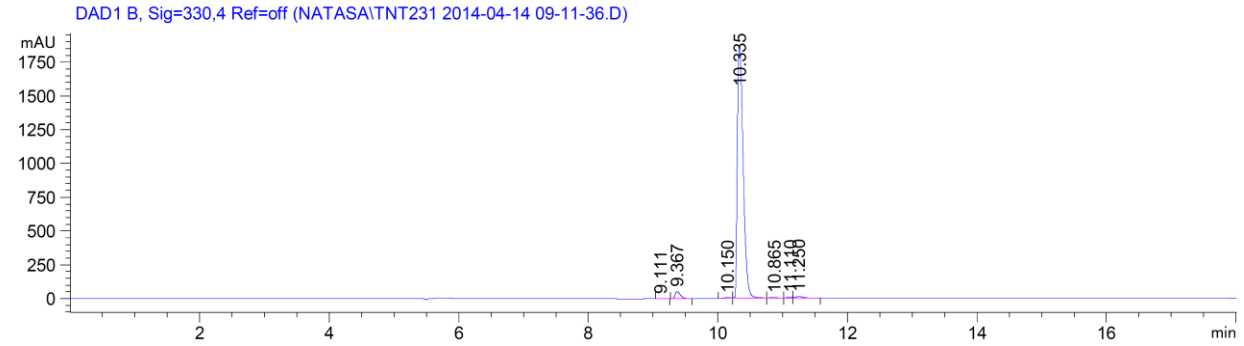
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.919 | BV | 0.0656 | 14.22426 | 3.24784 | 0.1286 |
| 2 | 9.198 | BB | 0.0903 | 11.86185 | 1.55789 | 0.1073 |
| 3 | 9.443 | BB | 0.0739 | 18.58177 | 3.61794 | 0.1680 |
| 4 | 9.682 | BV | 0.0662 | 21.58306 | 4.56489 | 0.1952 |
| 5 | 9.862 | VV | 0.0890 | 1.06703e4 | 1885.04028 | 96.4862 |
| 6 | 10.169 | VB | 0.1301 | 57.90068 | 5.29255 | 0.5236 |
| 7 | 10.653 | BB | 0.1380 | 264.43240 | 25.07724 | 2.3911 |
| Totals : | | | | 1.10589e4 | 1928.39864 | |

**Sample Name: 41**




Signal 2: DAD1 B, Sig=330,4 Ref=off

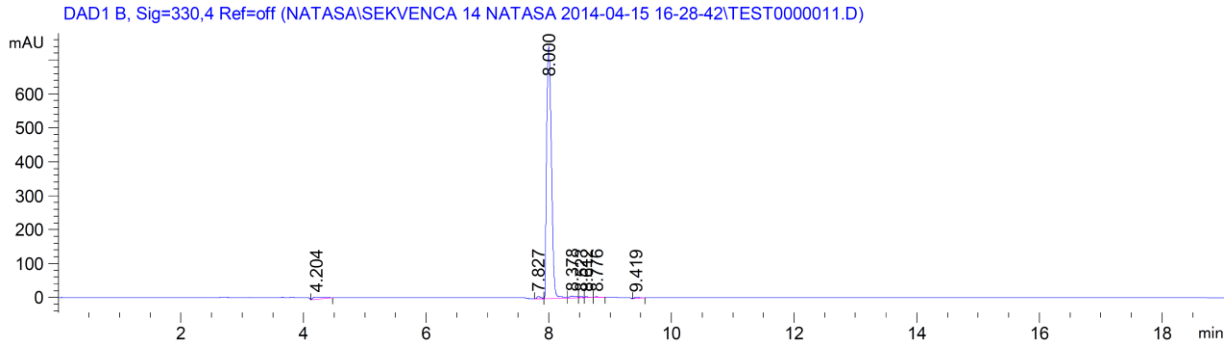
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.656 | BV | 0.0515 | 96.11779 | 29.09540 | 2.1168 |
| 2 | 7.869 | VV | 0.0854 | 4335.14160 | 837.19965 | 95.4721 |
| 3 | 8.345 | VV | 0.1080 | 59.03167 | 7.09978 | 1.3000 |
| 4 | 8.578 | VB | 0.1082 | 39.60528 | 4.56387 | 0.8722 |
| 5 | 9.283 | BB | 0.0642 | 10.84695 | 2.35723 | 0.2389 |
| Totals : | | | | 4540.74329 | 880.31592 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

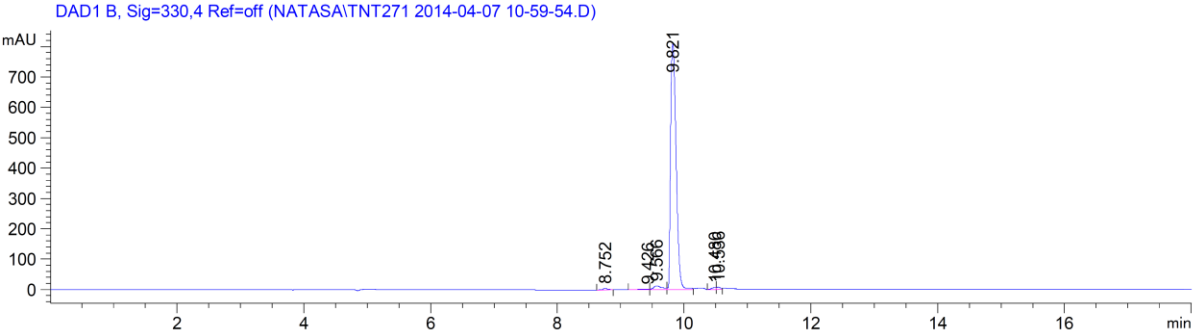
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 9.111 | BB | 0.0648 | 11.17196 | 2.07676 | 0.0909 |
| 2 | 9.367 | BB | 0.0898 | 293.98459 | 51.31235 | 2.3914 |
| 3 | 10.150 | BV | 0.0859 | 37.87437 | 5.63524 | 0.3081 |
| 4 | 10.335 | VV | 0.0992 | 1.17270e4 | 1869.12769 | 95.3933 |
| 5 | 10.865 | VV | 0.1703 | 49.69278 | 3.44386 | 0.4042 |
| 6 | 11.110 | VV | 0.0715 | 52.78635 | 10.61683 | 0.4294 |
| 7 | 11.250 | VB | 0.1195 | 120.80991 | 13.49136 | 0.9827 |
| Totals : | | | | 1.22933e4 | 1955.70410 | |

**Sample Name: 42**




Signal 2: DAD1 B, Sig=330,4 Ref=off

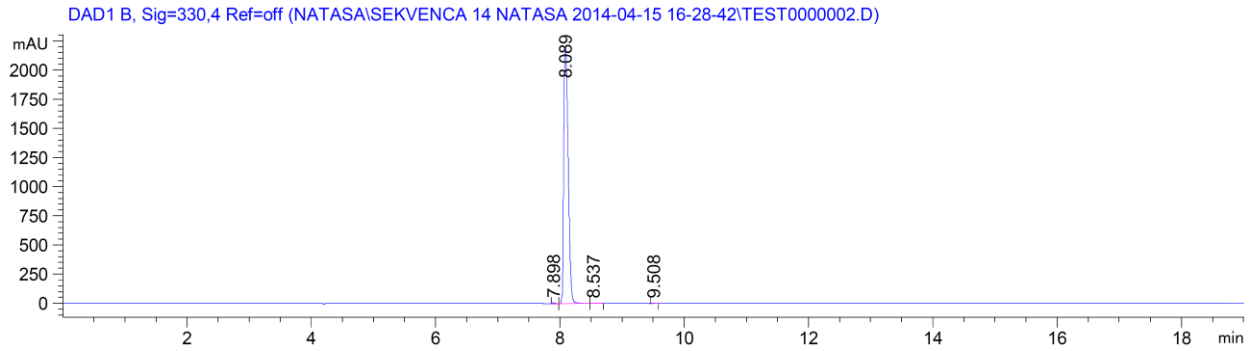
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.204 | BB | 0.1368 | 74.79034 | 6.44742 | 1.7728 |
| 2 | 7.827 | BV | 0.0662 | 32.35461 | 7.02442 | 0.7669 |
| 3 | 8.000 | VV | 0.0900 | 4023.52612 | 745.40771 | 95.3710 |
| 4 | 8.378 | VV | 0.1079 | 39.33794 | 4.81000 | 0.9324 |
| 5 | 8.523 | VV | 0.0530 | 12.08076 | 2.82093 | 0.2864 |
| 6 | 8.612 | VB | 0.0677 | 9.60634 | 2.01227 | 0.2277 |
| 7 | 8.776 | BV | 0.0520 | 5.91387 | 1.68280 | 0.1402 |
| 8 | 9.419 | BB | 0.0759 | 21.20550 | 3.90260 | 0.5026 |
| Totals : | | | | 4218.81548 | 774.10817 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

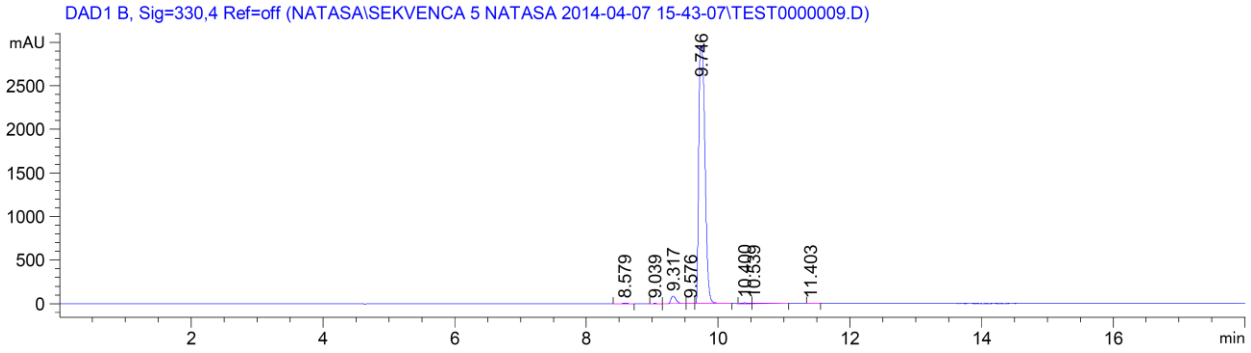
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.752 | BB | 0.0807 | 23.53733 | 4.21418 | 0.4577 |
| 2 | 9.426 | BV | 0.1050 | 20.68724 | 2.33197 | 0.4023 |
| 3 | 9.566 | VV | 0.1258 | 115.59664 | 12.68377 | 2.2478 |
| 4 | 9.821 | VV | 0.0960 | 4913.19873 | 812.81403 | 95.5387 |
| 5 | 10.480 | BV | 0.0648 | 32.68312 | 6.96296 | 0.6355 |
| 6 | 10.536 | VV | 0.0639 | 36.92290 | 7.77092 | 0.7180 |
| Totals : | | | | 5142.62596 | 846.77783 | |

**Sample Name: 43**




Signal 2: DAD1 B, Sig=330,4 Ref=off

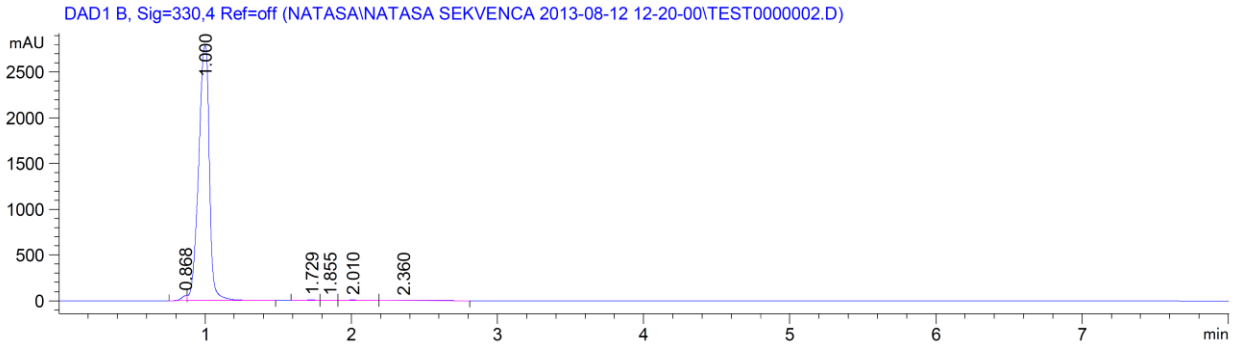
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.898 | BV | 0.0542 | 27.60485 | 8.10432 | 0.2500 |
| 2 | 8.089 | VV | 0.0813 | 1.09879e4 | 2200.18237 | 99.4987 |
| 3 | 8.537 | VB | 0.0865 | 17.72611 | 2.63479 | 0.1605 |
| 4 | 9.508 | BV | 0.0614 | 10.02886 | 2.25416 | 0.0908 |
| Totals : | | | | 1.10432e4 | 2213.17564 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

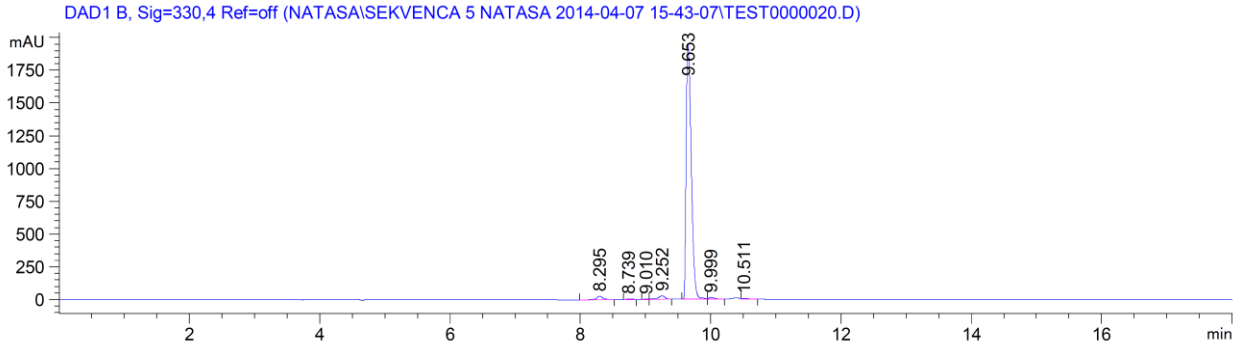
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.579 | BV | 0.0763 | 32.68460 | 6.02420 | 0.1635 |
| 2 | 9.039 | BB | 0.0648 | 7.63414 | 1.52882 | 0.0382 |
| 3 | 9.317 | BV | 0.0869 | 462.27188 | 85.76094 | 2.3120 |
| 4 | 9.576 | VV | 0.0743 | 24.23842 | 4.76790 | 0.1212 |
| 5 | 9.746 | VB | 0.0788 | 1.93355e4 | 2957.22437 | 96.7044 |
| 6 | 10.400 | BV | 0.1032 | 63.23584 | 8.09247 | 0.3163 |
| 7 | 10.539 | VB | 0.1855 | 61.89890 | 3.92419 | 0.3096 |
| 8 | 11.403 | BB | 0.0505 | 6.98323 | 1.77215 | 0.0349 |
| Totals : | | | | 1.99945e4 | 3069.09505 | |

**Sample Name: 44**




Signal 2: DAD1 B, Sig=330,4 Ref=off

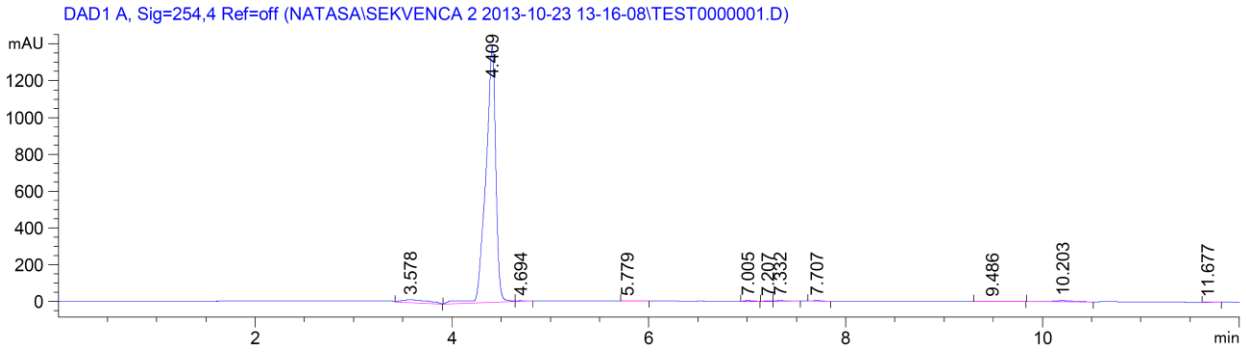
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 0.868 | BV | 0.0370 | 125.99347 | 53.36065 | 0.8667 |
| 2 | 1.000 | VB | 0.0783 | 1.42750e4 | 2785.94873 | 98.1945 |
| 3 | 1.729 | BV | 0.0794 | 35.55587 | 6.11019 | 0.2446 |
| 4 | 1.855 | VV | 0.0755 | 24.72908 | 4.50699 | 0.1701 |
| 5 | 2.010 | VB | 0.0882 | 36.05584 | 5.59682 | 0.2480 |
| 6 | 2.360 | BB | 0.1087 | 40.13569 | 4.79447 | 0.2761 |
| Totals : | | | | 1.45374e4 | 2860.31785 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

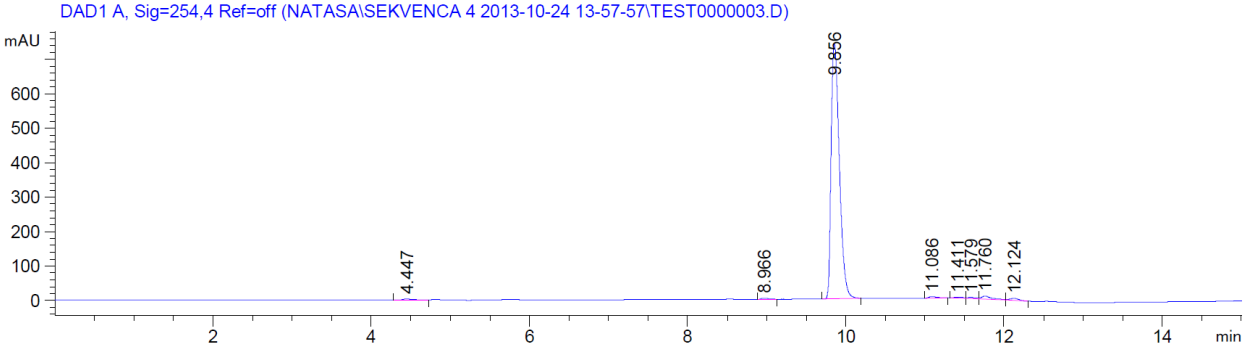
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.295 | BV | 0.1015 | 186.93787 | 27.59437 | 1.6793 |
| 2 | 8.739 | BV | 0.0944 | 34.65907 | 5.02709 | 0.3113 |
| 3 | 9.010 | BV | 0.0576 | 8.87051 | 2.02354 | 0.0797 |
| 4 | 9.252 | VB | 0.1021 | 194.17949 | 27.11274 | 1.7443 |
| 5 | 9.653 | BV | 0.0868 | 1.05915e4 | 1937.71082 | 95.1443 |
| 6 | 9.999 | VB | 0.0883 | 70.05763 | 11.37705 | 0.6293 |
| 7 | 10.511 | VB | 0.0947 | 45.83335 | 6.06143 | 0.4117 |
| Totals : | | | | 1.11321e4 | 2016.90703 | |

**Sample Name: 45**




Signal 1: DAD1 A, Sig=254,4 Ref=off

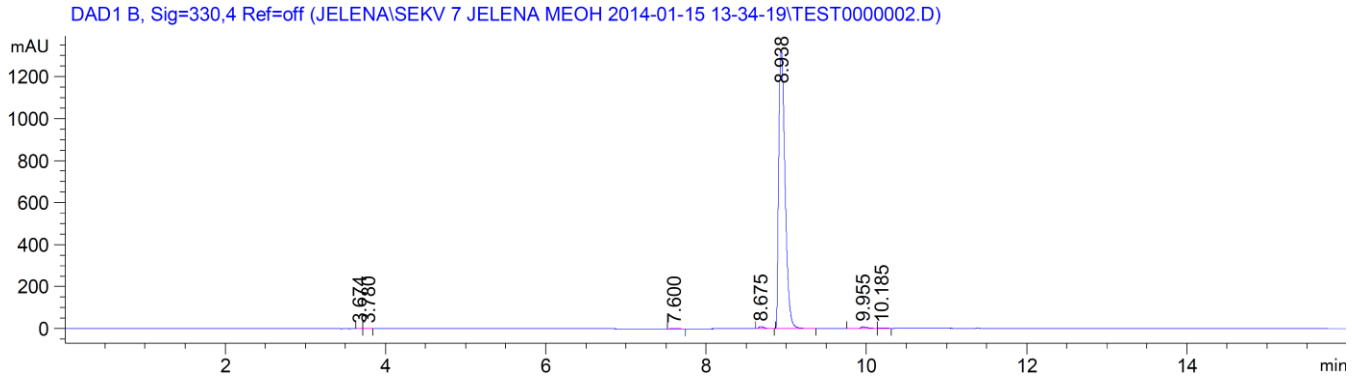
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.578 | BB | 0.2440 | 280.96182 | 14.53921 | 2.7162 |
| 2 | 4.409 | BV | 0.1004 | 9827.79590 | 1390.90820 | 95.0095 |
| 3 | 4.694 | VB | 0.0880 | 26.64238 | 4.14513 | 0.2576 |
| 4 | 5.779 | BB | 0.0586 | 9.12013 | 2.23558 | 0.0882 |
| 5 | 7.005 | BB | 0.0811 | 25.23816 | 4.45127 | 0.2440 |
| 6 | 7.207 | BV | 0.0715 | 12.53125 | 2.26730 | 0.1211 |
| 7 | 7.332 | VB | 0.0881 | 31.57514 | 4.87341 | 0.3053 |
| 8 | 7.707 | BB | 0.0738 | 21.37417 | 4.35172 | 0.2066 |
| 9 | 9.486 | BB | 0.1618 | 18.50568 | 1.40380 | 0.1789 |
| 10 | 10.203 | BB | 0.1965 | 83.06577 | 6.15409 | 0.8030 |
| 11 | 11.677 | BB | 0.0619 | 7.20221 | 1.62010 | 0.0696 |
| Totals : | | | | 1.03440e4 | 1436.94982 | |




Signal 1: DAD1 A, Sig=254,4 Ref=off

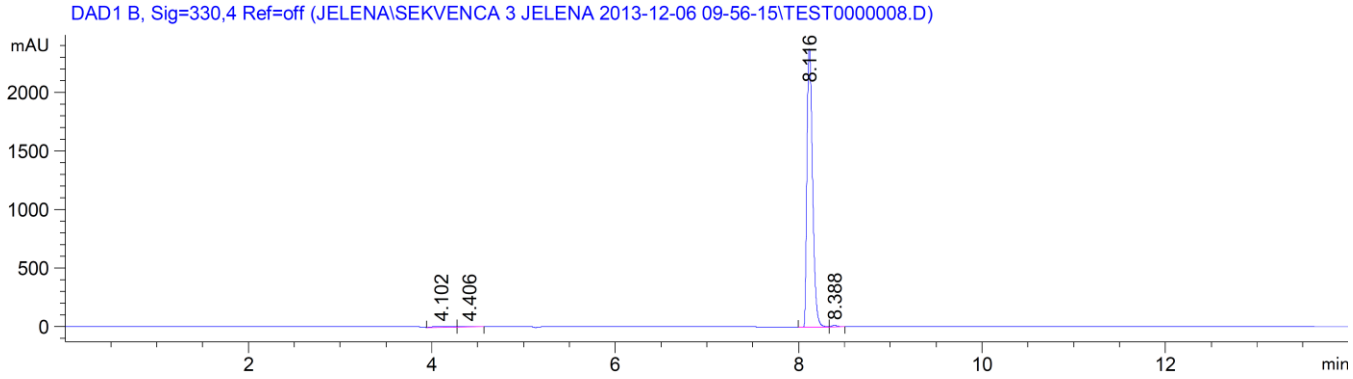
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.447 | BB | 0.1013 | 22.06182 | 2.73016 | 0.3949 |
| 2 | 8.966 | BB | 0.0804 | 16.75236 | 2.79761 | 0.2998 |
| 3 | 9.856 | BV | 0.1139 | 5314.96045 | 739.33466 | 95.1300 |
| 4 | 11.086 | BB | 0.0872 | 28.66951 | 3.99508 | 0.5131 |
| 5 | 11.411 | BV | 0.1111 | 21.49659 | 2.28927 | 0.3848 |
| 6 | 11.579 | VV | 0.1119 | 32.99615 | 3.50424 | 0.5906 |
| 7 | 11.760 | VV | 0.1367 | 96.09330 | 9.36212 | 1.7199 |
| 8 | 12.124 | VB | 0.1098 | 54.02184 | 6.37608 | 0.9669 |
| Totals : | | | | 5587.05202 | 770.38921 | |

**Sample Name: 46**




Signal 2: DAD1 B, Sig=330,4 Ref=off

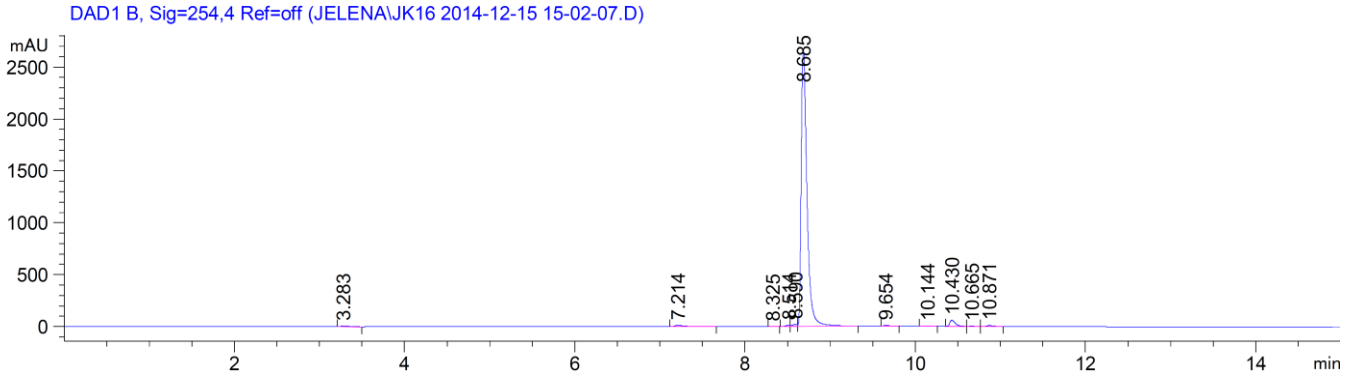
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.674 | VV | 0.0504 | 6.69240 | 1.73998 | 0.0908 |
| 2 | 3.780 | VV | 0.0610 | 6.89584 | 1.42408 | 0.0936 |
| 3 | 7.600 | BB | 0.0600 | 6.00903 | 1.21928 | 0.0816 |
| 4 | 8.675 | BB | 0.0754 | 46.27471 | 9.49234 | 0.6280 |
| 5 | 8.938 | BB | 0.0863 | 7257.98584 | 1328.13831 | 98.5057 |
| 6 | 9.955 | BV | 0.0778 | 37.43691 | 6.48873 | 0.5081 |
| 7 | 10.185 | VB | 0.0642 | 6.79286 | 1.41105 | 0.0922 |
| Totals : | | | | 7368.08759 | 1349.91377 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

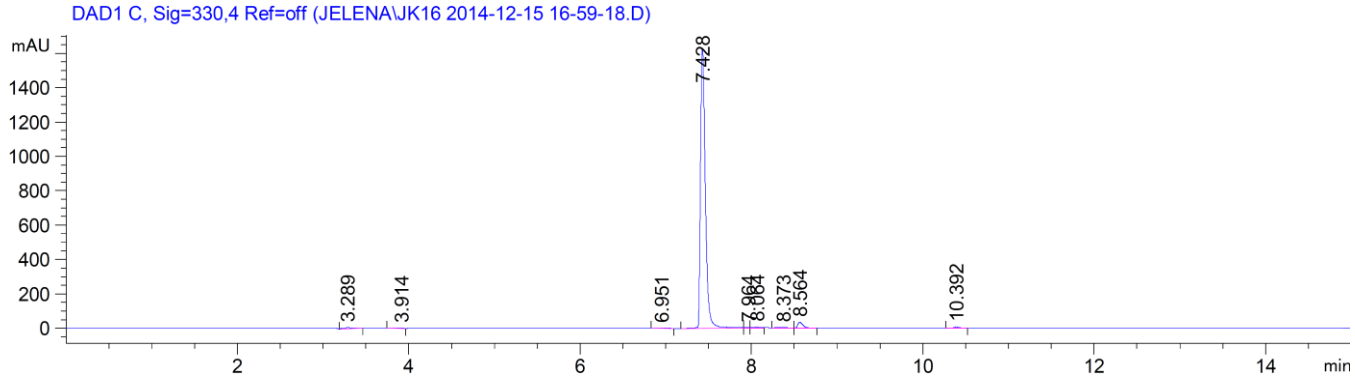
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.102 | BV | 0.1632 | 92.22209 | 6.84467 | 0.8921 |
| 2 | 4.406 | VB | 0.1461 | 43.50743 | 3.53353 | 0.4209 |
| 3 | 8.116 | BV | 0.0673 | 1.01455e4 | 2376.05664 | 98.1448 |
| 4 | 8.388 | VB | 0.0672 | 56.04497 | 12.64694 | 0.5422 |
| Totals : | | | | 1.03372e4 | 2399.08178 | |

**Sample Name: 47**




Signal 1: DAD1 B, Sig=254,4 Ref=off

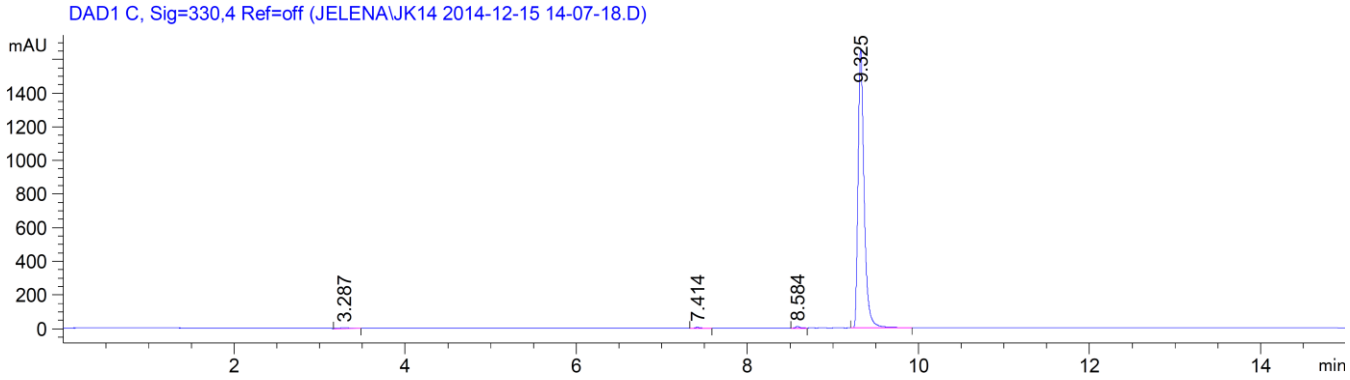
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.283 | BB | 0.1373 | 64.02660 | 6.25997 | 0.4845 |
| 2 | 7.214 | VB | 0.1063 | 95.52692 | 12.69108 | 0.7229 |
| 3 | 8.325 | BB | 0.0517 | 7.29362 | 1.71221 | 0.0552 |
| 4 | 8.514 | BV | 0.0527 | 36.45428 | 10.98961 | 0.2758 |
| 5 | 8.590 | VV | 0.0548 | 73.84604 | 19.44249 | 0.5588 |
| 6 | 8.685 | VB | 0.0714 | 1.25698e4 | 2672.67090 | 95.1155 |
| 7 | 9.654 | VB | 0.0788 | 33.02133 | 6.13630 | 0.2499 |
| 8 | 10.144 | BB | 0.0742 | 18.91459 | 3.09988 | 0.1431 |
| 9 | 10.430 | VV | 0.0665 | 258.62711 | 58.56445 | 1.9570 |
| 10 | 10.665 | VB | 0.0590 | 10.39230 | 2.33232 | 0.0786 |
| 11 | 10.871 | BB | 0.0674 | 47.39721 | 10.07341 | 0.3587 |
| Totals : | | | | 1.32153e4 | 2803.97260 | |




Signal 2: DAD1 C, Sig=330,4 Ref=off

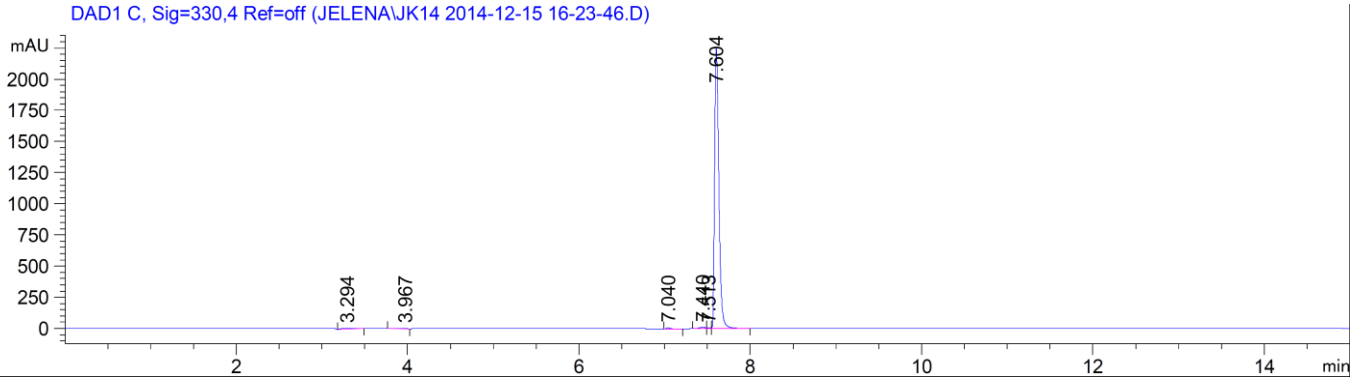
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.289 | BB | 0.1259 | 59.05645 | 5.56151 | 0.8764 |
| 2 | 3.914 | BB | 0.0801 | 19.05145 | 2.84728 | 0.2827 |
| 3 | 6.951 | BB | 0.0863 | 17.53900 | 2.48615 | 0.2603 |
| 4 | 7.428 | BV | 0.0612 | 6440.13281 | 1626.15991 | 95.5733 |
| 5 | 7.964 | VV | 0.0535 | 7.45590 | 1.67218 | 0.1106 |
| 6 | 8.064 | VV | 0.0755 | 28.44169 | 4.60777 | 0.4221 |
| 7 | 8.373 | BB | 0.0753 | 10.28401 | 1.86645 | 0.1526 |
| 8 | 8.564 | BB | 0.0609 | 132.15242 | 33.22595 | 1.9612 |
| 9 | 10.392 | BB | 0.0589 | 24.31201 | 6.11240 | 0.3608 |
| Totals : | | | | 6738.42573 | 1684.53961 | |

**Sample Name: 48**




Signal 2: DAD1 C, Sig=330,4 Ref=off

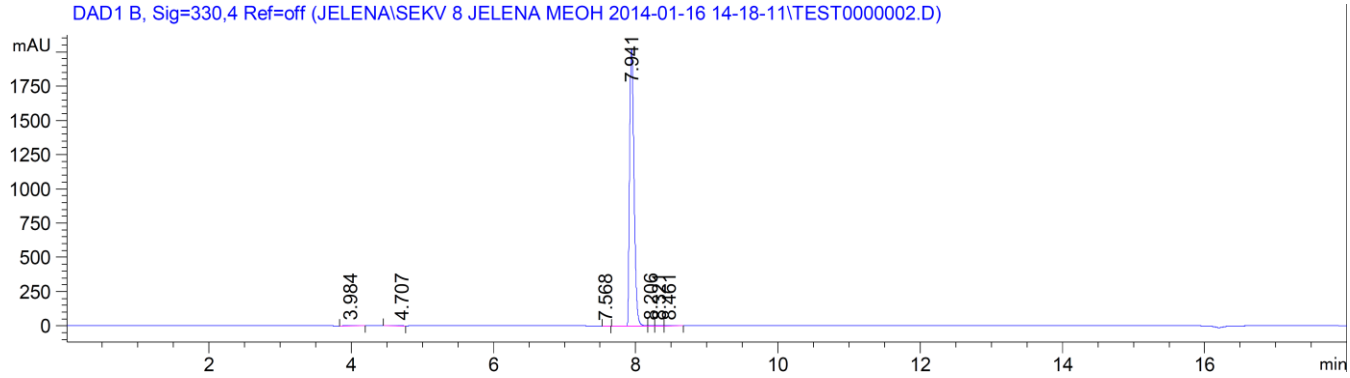
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.287 | BB | 0.1281 | 39.94609 | 3.84796 | 0.4841 |
| 2 | 7.414 | BB | 0.0665 | 27.16086 | 5.86616 | 0.3291 |
| 3 | 8.584 | VV | 0.0574 | 35.96318 | 9.14136 | 0.4358 |
| 4 | 9.325 | BB | 0.0733 | 8149.37158 | 1658.66284 | 98.7510 |
| Totals : | | | | 8252.44170 | 1677.51832 | |




Signal 2: DAD1 C, Sig=330,4 Ref=off

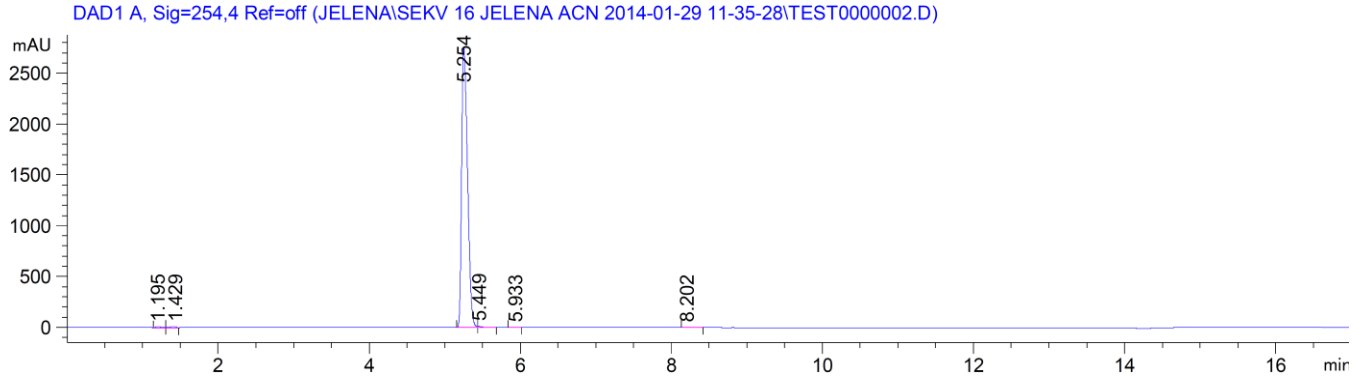
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.294 | BB | 0.1327 | 71.05497 | 6.34445 | 0.8892 |
| 2 | 3.967 | BB | 0.0983 | 25.91452 | 3.12457 | 0.3243 |
| 3 | 7.040 | BB | 0.0530 | 27.65026 | 7.87590 | 0.3460 |
| 4 | 7.440 | BV | 0.0625 | 56.42975 | 13.02968 | 0.7061 |
| 5 | 7.513 | VV | 0.0474 | 26.21701 | 7.96853 | 0.3281 |
| 6 | 7.604 | VB | 0.0540 | 7783.97656 | 2242.46729 | 97.4063 |
| Totals : | | | | 7991.24307 | 2280.81042 | |

**Sample Name: 49**




Signal 2: DAD1 B, Sig=330,4 Ref=off

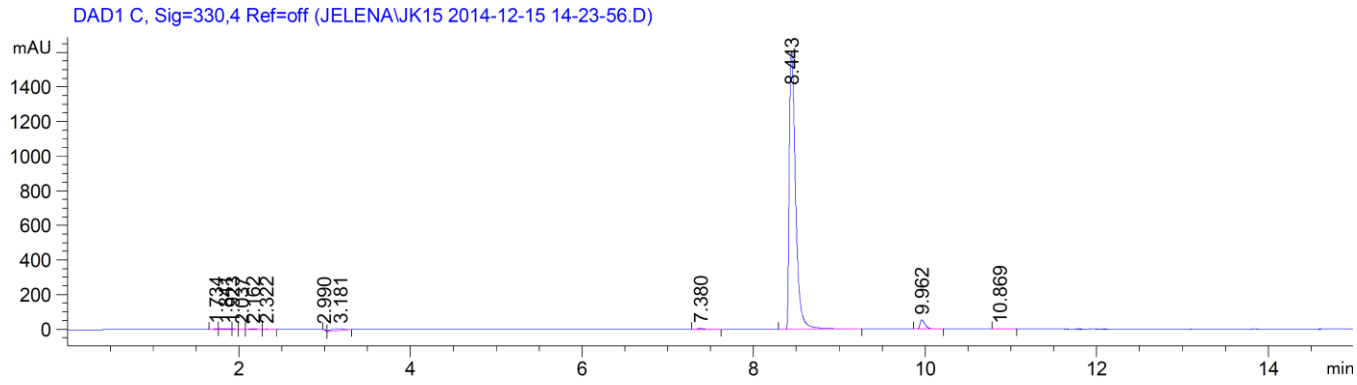
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.984 | VB | 0.1416 | 47.25679 | 3.99211 | 0.5291 |
| 2 | 4.707 | BB | 0.1218 | 33.40009 | 3.23989 | 0.3740 |
| 3 | 7.568 | BB | 0.0458 | 5.09193 | 1.63594 | 0.0570 |
| 4 | 7.941 | BV | 0.0693 | 8812.49219 | 2025.02295 | 98.6660 |
| 5 | 8.206 | VV | 0.0600 | 10.84582 | 2.16393 | 0.1214 |
| 6 | 8.321 | VV | 0.0728 | 11.14274 | 1.83677 | 0.1248 |
| 7 | 8.461 | VB | 0.0889 | 11.40747 | 1.54874 | 0.1277 |
| Totals : | | | | 8931.63703 | 2039.44034 | |




Signal 1: DAD1 A, Sig=254,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 1.195 | BV | 0.0901 | 79.56595 | 12.69043 | 0.5261 |
| 2 | 1.429 | VB | 0.0939 | 69.19726 | 9.68167 | 0.4575 |
| 3 | 5.254 | BV | 0.0854 | 1.49175e4 | 2743.60864 | 98.6348 |
| 4 | 5.449 | VB | 0.0546 | 38.67903 | 9.89156 | 0.2557 |
| 5 | 5.933 | BB | 0.0593 | 7.79740 | 1.88152 | 0.0516 |
| 6 | 8.202 | VB | 0.0567 | 11.23943 | 2.87075 | 0.0743 |
| Totals : | | | | 1.51239e4 | 2780.62457 | |

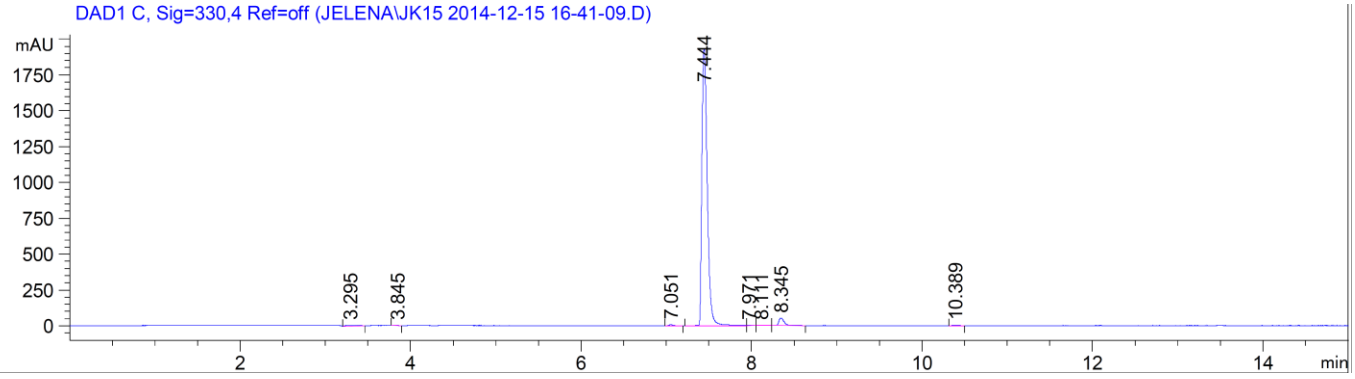
**Sample Name: 50**




Signal 2: DAD1 C, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 1.734 | BV | 0.0394 | 5.44013 | 1.69783 | 0.0626 |
| 2 | 1.841 | VV | 0.0739 | 22.14310 | 3.69546 | 0.2546 |
| 3 | 1.923 | VV | 0.0460 | 7.18418 | 1.88216 | 0.0826 |
| 4 | 2.037 | VB | 0.0470 | 5.92963 | 1.77224 | 0.0682 |
| 5 | 2.162 | BV | 0.0782 | 21.73947 | 3.53948 | 0.2500 |
| 6 | 2.322 | VB | 0.0549 | 5.40907 | 1.27772 | 0.0622 |
| 7 | 2.990 | BB | 0.0503 | 9.04195 | 2.58819 | 0.1040 |
| 8 | 3.181 | BB | 0.1673 | 101.87148 | 7.16695 | 1.1715 |
| 9 | 7.380 | BB | 0.0764 | 34.59735 | 6.52441 | 0.3979 |
| 10 | 8.443 | VB | 0.0789 | 8262.43066 | 1608.57068 | 95.0167 |
| 11 | 9.962 | VB | 0.0613 | 212.85094 | 51.95684 | 2.4478 |
| 12 | 10.869 | BB | 0.0564 | 7.12759 | 1.68485 | 0.0820 |

Totals : 8695.76554 1692.35680

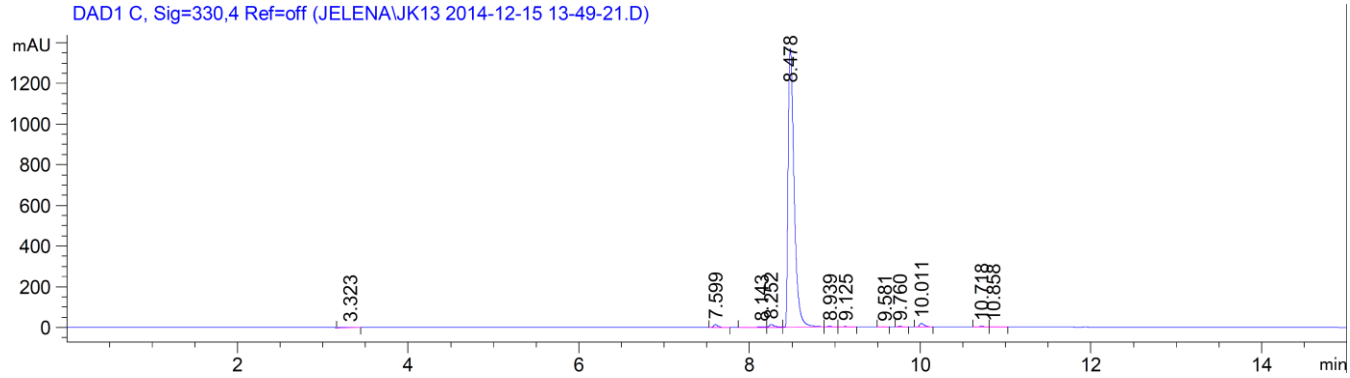



Signal 2: DAD1 C, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.295 | BV | 0.1292 | 57.42678 | 5.24730 | 0.6516 |
| 2 | 3.845 | BB | 0.0472 | 8.19001 | 2.08988 | 0.0929 |
| 3 | 7.051 | BB | 0.0639 | 31.68405 | 7.48809 | 0.3595 |
| 4 | 7.444 | BV | 0.0691 | 8471.12695 | 1934.03369 | 96.1133 |
| 5 | 7.971 | VV | 0.0692 | 9.23097 | 1.62800 | 0.1047 |
| 6 | 8.111 | VB | 0.0717 | 12.53688 | 2.09770 | 0.1422 |
| 7 | 8.345 | BB | 0.0651 | 216.12672 | 52.38721 | 2.4522 |
| 8 | 10.389 | BB | 0.0493 | 7.36916 | 1.87773 | 0.0836 |

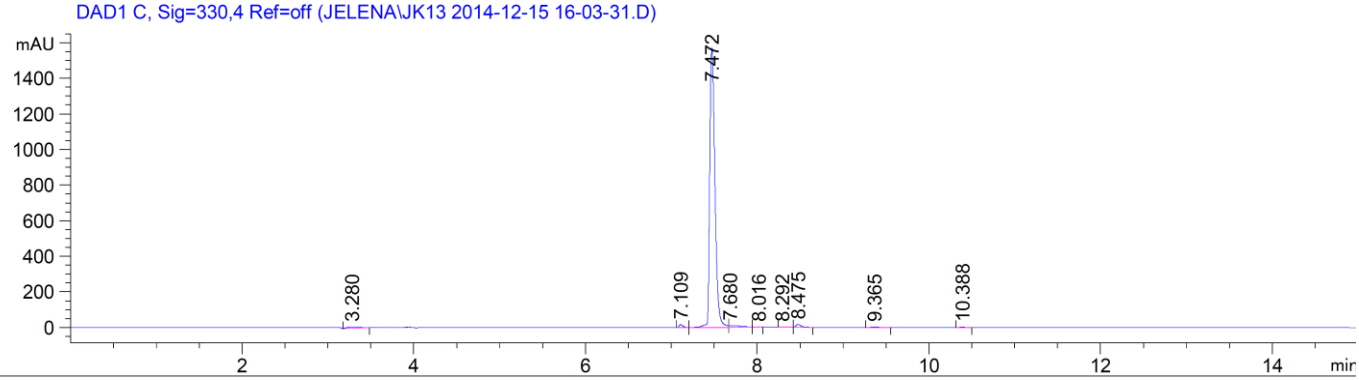
Totals : 8813.69153 2006.84960

**Sample Name: 51**




Signal 2: DAD1 C, Sig=330,4 Ref=off

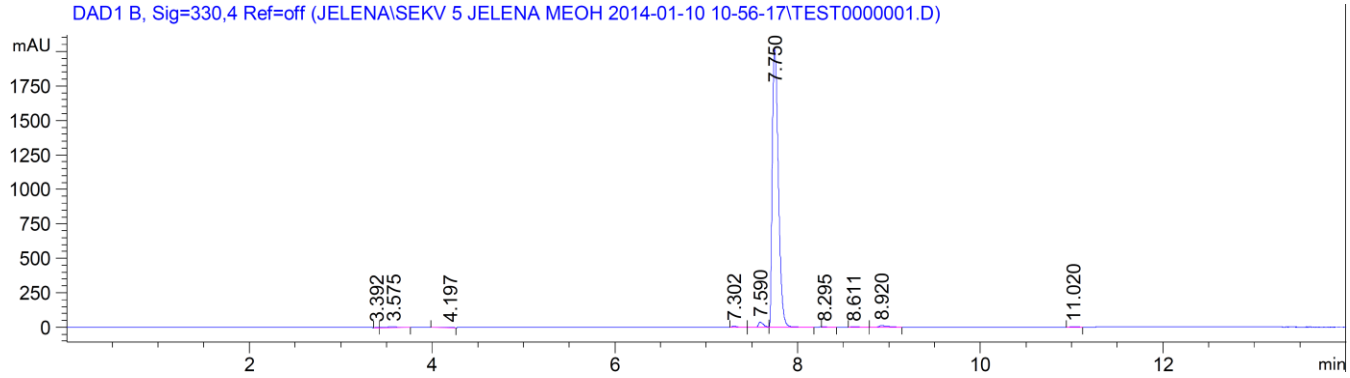
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.323 | BV | 0.1260 | 25.77489 | 2.54820 | 0.3660 |
| 2 | 7.599 | BB | 0.0576 | 58.09416 | 14.37478 | 0.8250 |
| 3 | 8.143 | BV | 0.0784 | 20.71308 | 3.48189 | 0.2941 |
| 4 | 8.252 | VV | 0.0636 | 62.74589 | 13.66615 | 0.8910 |
| 5 | 8.478 | VV | 0.0759 | 6740.51855 | 1369.06348 | 95.7197 |
| 6 | 8.939 | VV | 0.0845 | 18.54307 | 2.65414 | 0.2633 |
| 7 | 9.125 | VB | 0.0859 | 12.80189 | 1.88021 | 0.1818 |
| 8 | 9.581 | VV | 0.0735 | 7.15104 | 1.19229 | 0.1015 |
| 9 | 9.760 | BV | 0.0543 | 8.13837 | 2.11882 | 0.1156 |
| 10 | 10.011 | BV | 0.0598 | 64.70129 | 16.46656 | 0.9188 |
| 11 | 10.718 | BV | 0.0676 | 12.89410 | 2.85736 | 0.1831 |
| 12 | 10.858 | VB | 0.0684 | 9.86071 | 2.05919 | 0.1400 |
| Totals : | | | | 7041.93704 | 1432.36306 | |




Signal 2: DAD1 C, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.280 | BB | 0.1324 | 69.24952 | 6.41559 | 0.9972 |
| 2 | 7.109 | BV | 0.0504 | 55.03199 | 16.72688 | 0.7924 |
| 3 | 7.472 | VV | 0.0657 | 6628.97949 | 1571.95715 | 95.4547 |
| 4 | 7.680 | VB | 0.1144 | 90.99599 | 9.97606 | 1.3103 |
| 5 | 8.016 | BV | 0.0524 | 6.92295 | 1.68581 | 0.0997 |
| 6 | 8.292 | BV | 0.0585 | 6.59497 | 1.37435 | 0.0950 |
| 7 | 8.475 | VB | 0.0625 | 64.12290 | 15.76517 | 0.9233 |
| 8 | 9.365 | BV | 0.0878 | 14.60745 | 2.42483 | 0.2103 |
| 9 | 10.388 | BB | 0.0611 | 8.12871 | 2.05562 | 0.1171 |
| Totals : | | | | 6944.63399 | 1628.38146 | |

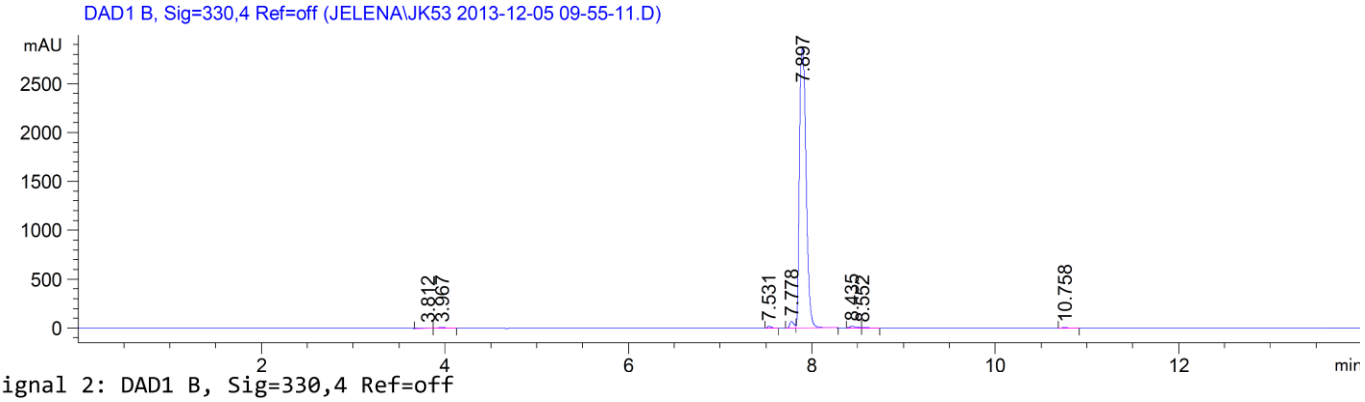
**Sample Name: 52**




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.392 | BV | 0.0385 | 5.46299 | 2.35684 | 0.0562 |
| 2 | 3.575 | VB | 0.1480 | 44.73227 | 3.62369 | 0.4604 |
| 3 | 4.197 | BB | 0.1108 | 31.71264 | 3.38616 | 0.3264 |
| 4 | 7.302 | BV | 0.0553 | 44.31929 | 12.07570 | 0.4562 |
| 5 | 7.590 | VV | 0.0603 | 150.09058 | 38.66212 | 1.5448 |
| 6 | 7.750 | VB | 0.0734 | 9335.97070 | 2020.30029 | 96.0901 |
| 7 | 8.295 | VB | 0.0567 | 6.30058 | 1.52511 | 0.0648 |
| 8 | 8.611 | VV | 0.0779 | 15.00640 | 2.71754 | 0.1545 |
| 9 | 8.920 | VB | 0.0807 | 72.88361 | 12.38612 | 0.7502 |
| 10 | 11.020 | BB | 0.0576 | 9.36956 | 2.39475 | 0.0964 |

Totals : 9715.84863 2099.42832

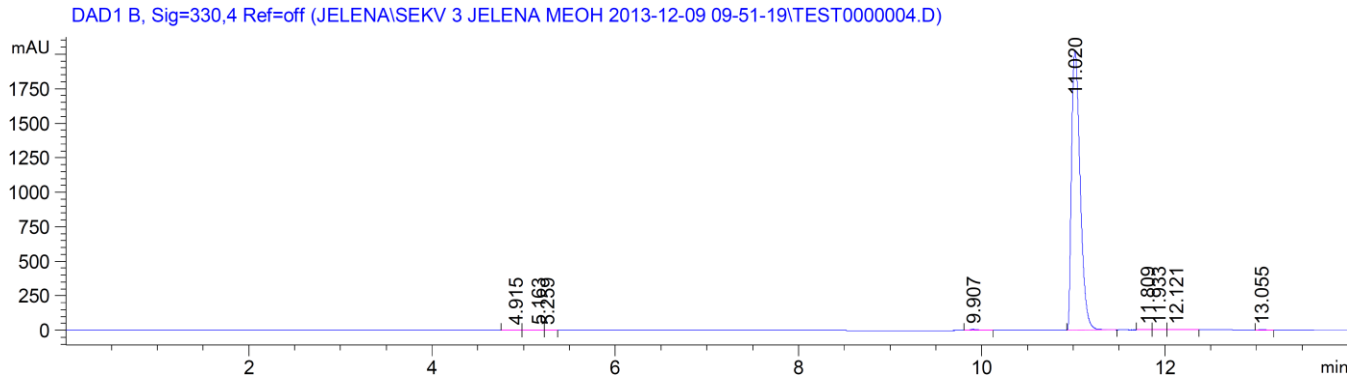



Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.812 | BV | 0.1227 | 44.36946 | 4.43653 | 0.2958 |
| 2 | 3.967 | VB | 0.1173 | 41.47208 | 4.44892 | 0.2764 |
| 3 | 7.531 | BB | 0.0506 | 64.10452 | 19.89835 | 0.4273 |
| 4 | 7.778 | BV | 0.0497 | 216.17212 | 67.83388 | 1.4410 |
| 5 | 7.897 | VB | 0.0808 | 1.45221e4 | 2855.77026 | 96.8016 |
| 6 | 8.435 | BV | 0.0828 | 83.42513 | 13.85148 | 0.5561 |
| 7 | 8.552 | VB | 0.0547 | 15.98338 | 4.03561 | 0.1065 |
| 8 | 10.758 | BB | 0.0655 | 14.29037 | 3.40356 | 0.0953 |

Totals : 1.50019e4 2973.67859

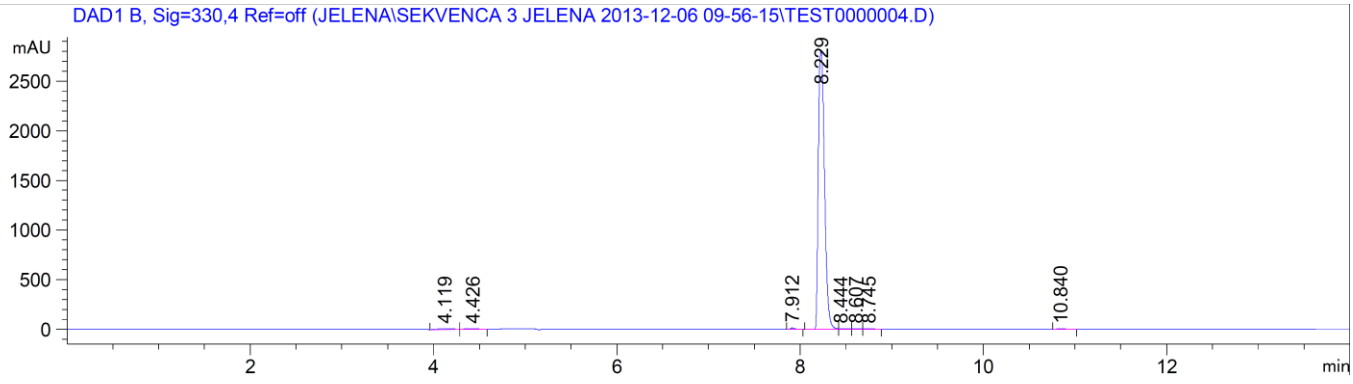
**Sample Name: 53**




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.915 | BV | 0.1249 | 12.25746 | 1.16372 | 0.0913 |
| 2 | 5.163 | VV | 0.1279 | 22.25856 | 2.07160 | 0.1659 |
| 3 | 5.259 | VB | 0.0577 | 6.00595 | 1.24663 | 0.0448 |
| 4 | 9.907 | BB | 0.0916 | 52.64065 | 8.51840 | 0.3923 |
| 5 | 11.020 | VB | 0.1036 | 1.32839e4 | 2023.21729 | 98.9896 |
| 6 | 11.809 | BV | 0.0729 | 10.01764 | 1.66126 | 0.0746 |
| 7 | 11.933 | VV | 0.0910 | 8.46547 | 1.14240 | 0.0631 |
| 8 | 12.121 | VB | 0.1176 | 16.25388 | 1.63378 | 0.1211 |
| 9 | 13.055 | BB | 0.0645 | 7.69632 | 1.44912 | 0.0574 |

Totals : 1.34195e4 2042.10420

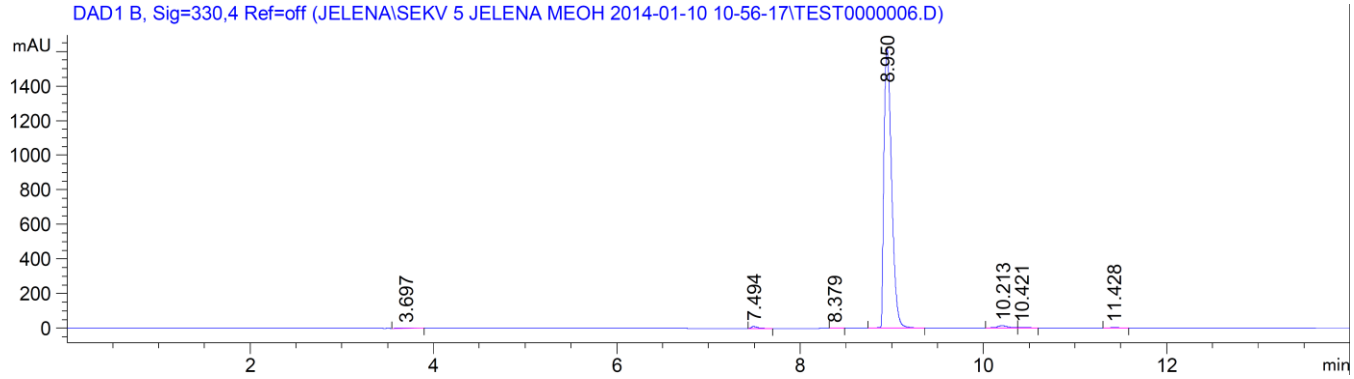



Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.119 | BV | 0.1602 | 88.67170 | 6.51888 | 0.6590 |
| 2 | 4.426 | VB | 0.1496 | 43.13779 | 3.49149 | 0.3206 |
| 3 | 7.912 | BB | 0.0487 | 49.72212 | 15.58113 | 0.3695 |
| 4 | 8.229 | BV | 0.0743 | 1.31858e4 | 2808.43433 | 97.9893 |
| 5 | 8.444 | VV | 0.0778 | 40.70942 | 7.33402 | 0.3025 |
| 6 | 8.607 | VV | 0.0729 | 18.93333 | 3.11717 | 0.1407 |
| 7 | 8.745 | VB | 0.0791 | 17.03561 | 2.83614 | 0.1266 |
| 8 | 10.840 | BB | 0.0635 | 12.35538 | 2.85707 | 0.0918 |

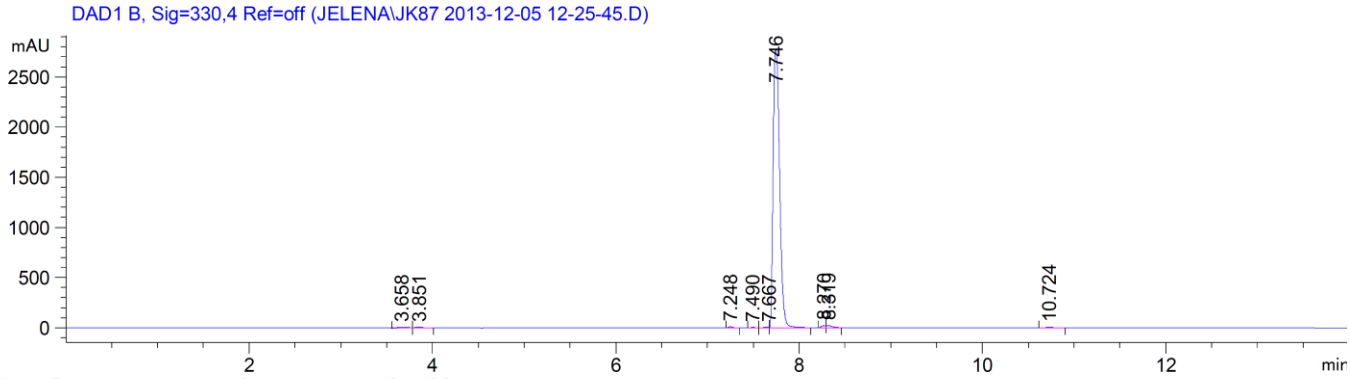
Totals : 1.34564e4 2850.17021

**Sample Name: 54**




Signal 2: DAD1 B, Sig=330,4 Ref=off

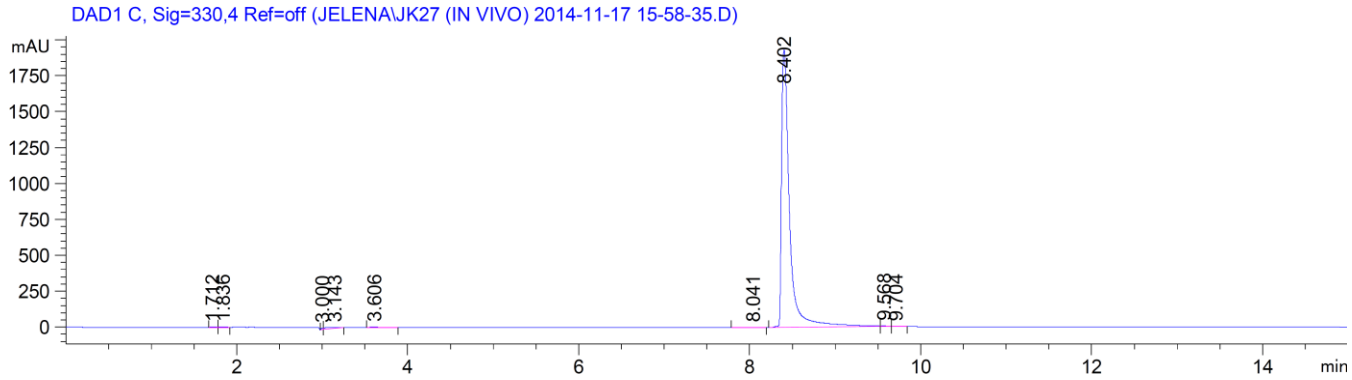
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.697 | BB | 0.1255 | 22.70809 | 2.20717 | 0.2384 |
| 2 | 7.494 | BB | 0.0699 | 49.80073 | 10.97499 | 0.5229 |
| 3 | 8.379 | VB | 0.0603 | 10.68142 | 2.55427 | 0.1121 |
| 4 | 8.950 | BB | 0.0914 | 9320.12305 | 1613.92554 | 97.8549 |
| 5 | 10.213 | BV | 0.1051 | 94.66547 | 11.49435 | 0.9939 |
| 6 | 10.421 | VB | 0.0818 | 13.42433 | 2.13776 | 0.1409 |
| 7 | 11.428 | BB | 0.0700 | 13.02981 | 2.53341 | 0.1368 |
| Totals : | | | | 9524.43290 | 1645.82749 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.658 | BV | 0.1038 | 75.80601 | 9.85040 | 0.5446 |
| 2 | 3.851 | VB | 0.1007 | 36.82915 | 4.44440 | 0.2646 |
| 3 | 7.248 | BB | 0.0486 | 33.75573 | 10.90160 | 0.2425 |
| 4 | 7.490 | BV | 0.0519 | 18.55651 | 5.49162 | 0.1333 |
| 5 | 7.667 | VV | 0.0495 | 28.34350 | 7.87531 | 0.2036 |
| 6 | 7.746 | VB | 0.0775 | 1.35579e4 | 2776.87207 | 97.4093 |
| 7 | 8.270 | BV | 0.0489 | 57.82592 | 18.76663 | 0.4155 |
| 8 | 8.319 | VV | 0.0679 | 87.52024 | 19.12926 | 0.6288 |
| 9 | 10.724 | BB | 0.0635 | 21.95323 | 5.23206 | 0.1577 |
| Totals : | | | | 1.39185e4 | 2858.56335 | |

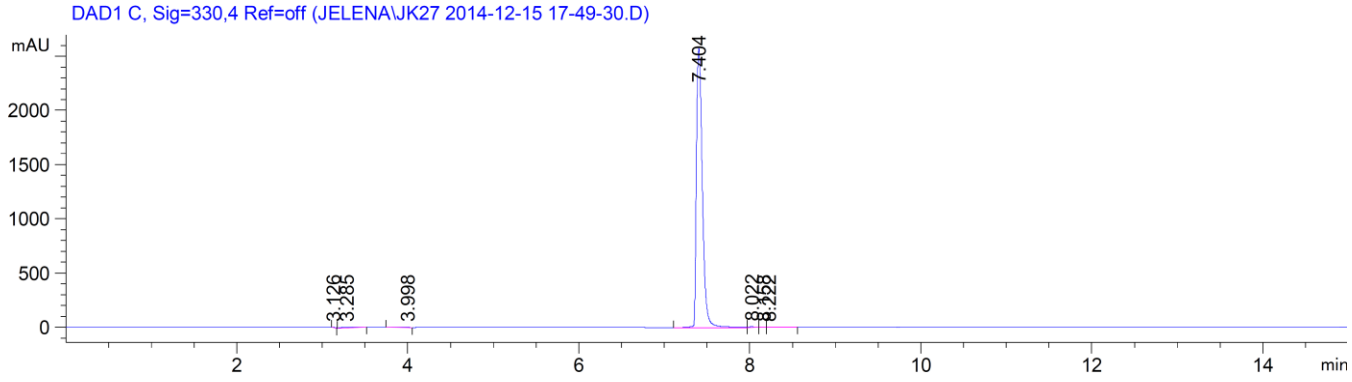
**Sample Name: 55**




Signal 2: DAD1 C, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 1.712 | BV | 0.0435 | 6.22372 | 1.96178 | 0.0485 |
| 2 | 1.836 | VB | 0.0549 | 9.32010 | 2.27229 | 0.0727 |
| 3 | 3.000 | BV | 0.0223 | 14.31525 | 10.23121 | 0.1117 |
| 4 | 3.143 | VB | 0.1627 | 99.45238 | 7.19675 | 0.7757 |
| 5 | 3.606 | BB | 0.0696 | 5.94251 | 1.01759 | 0.0464 |
| 6 | 8.041 | BB | 0.1374 | 14.88057 | 1.27734 | 0.1161 |
| 7 | 8.402 | BV | 0.0983 | 1.26254e4 | 1931.32776 | 98.4776 |
| 8 | 9.568 | VV | 0.0796 | 27.12787 | 4.54721 | 0.2116 |
| 9 | 9.704 | VB | 0.0749 | 17.91827 | 2.84650 | 0.1398 |

Totals : 1.28206e4 1962.67844

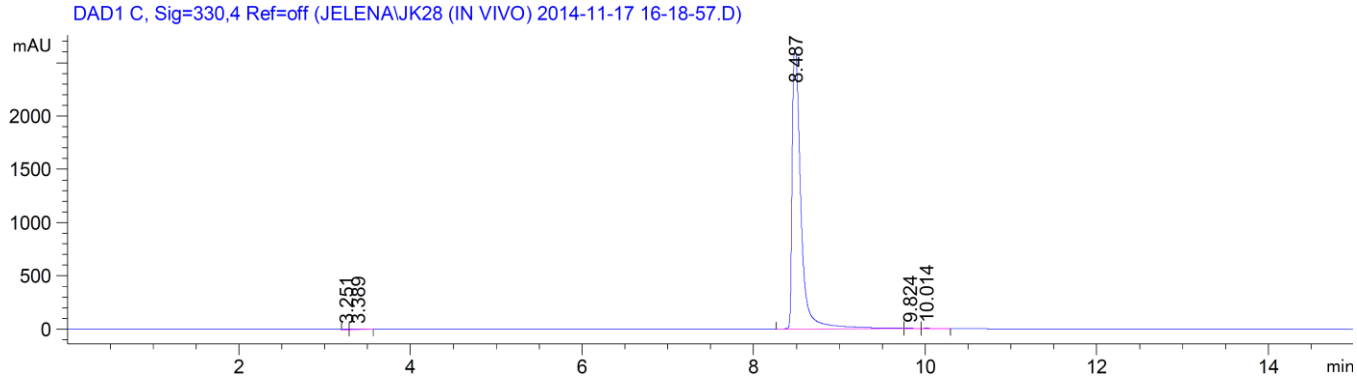



Signal 2: DAD1 C, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.126 | BB | 0.0531 | 7.11697 | 1.97224 | 0.0565 |
| 2 | 3.285 | BB | 0.1397 | 82.36733 | 7.02710 | 0.6534 |
| 3 | 3.998 | BB | 0.1164 | 36.53726 | 3.71130 | 0.2899 |
| 4 | 7.404 | BV | 0.0758 | 1.24095e4 | 2570.35840 | 98.4465 |
| 5 | 8.022 | VV | 0.0689 | 35.52534 | 6.33257 | 0.2818 |
| 6 | 8.158 | VV | 0.0574 | 13.29557 | 2.90227 | 0.1055 |
| 7 | 8.222 | VB | 0.1049 | 20.98072 | 2.41414 | 0.1664 |

Totals : 1.26053e4 2594.71802

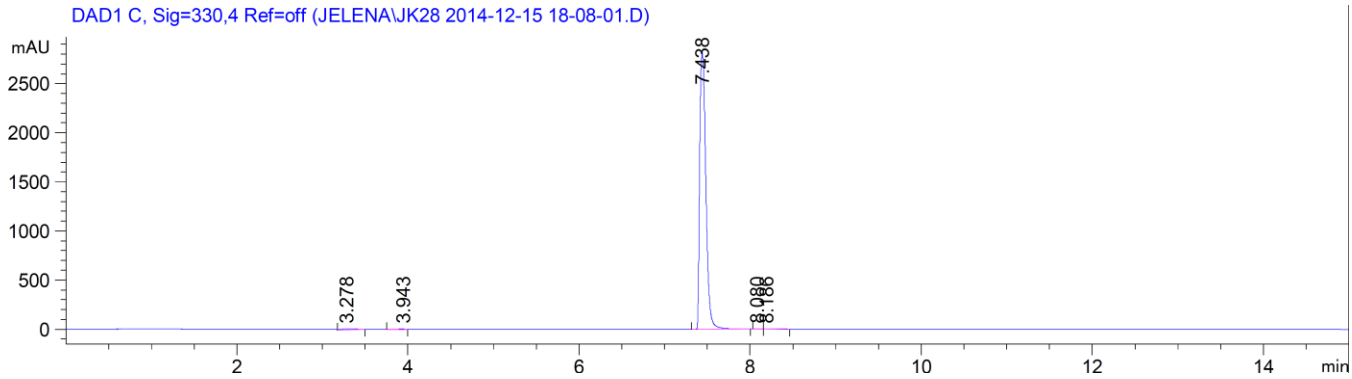
**Sample Name: 56**




Signal 2: DAD1 C, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.251 | BV | 0.0484 | 14.80043 | 4.27680 | 0.0776 |
| 2 | 3.389 | VB | 0.1259 | 35.81259 | 3.44085 | 0.1877 |
| 3 | 8.487 | BV | 0.0865 | 1.89241e4 | 2627.80713 | 99.1976 |
| 4 | 9.824 | VV | 0.1055 | 56.41520 | 6.45400 | 0.2957 |
| 5 | 10.014 | VB | 0.0831 | 46.05308 | 7.10578 | 0.2414 |

Totals : 1.90772e4 2649.08455

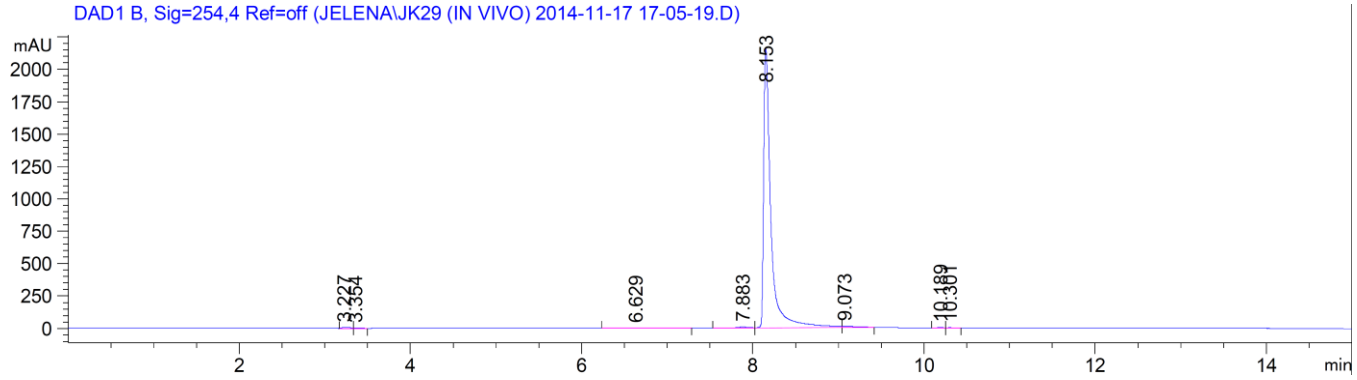



Signal 2: DAD1 C, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.278 | BB | 0.1301 | 71.14865 | 6.47967 | 0.4989 |
| 2 | 3.943 | BB | 0.0906 | 25.58285 | 3.35137 | 0.1794 |
| 3 | 7.438 | BV | 0.0607 | 1.41432e4 | 2834.14038 | 99.1798 |
| 4 | 8.080 | BV | 0.0543 | 13.92163 | 3.92825 | 0.0976 |
| 5 | 8.186 | VB | 0.0660 | 6.31309 | 1.14136 | 0.0443 |

Totals : 1.42601e4 2849.04104

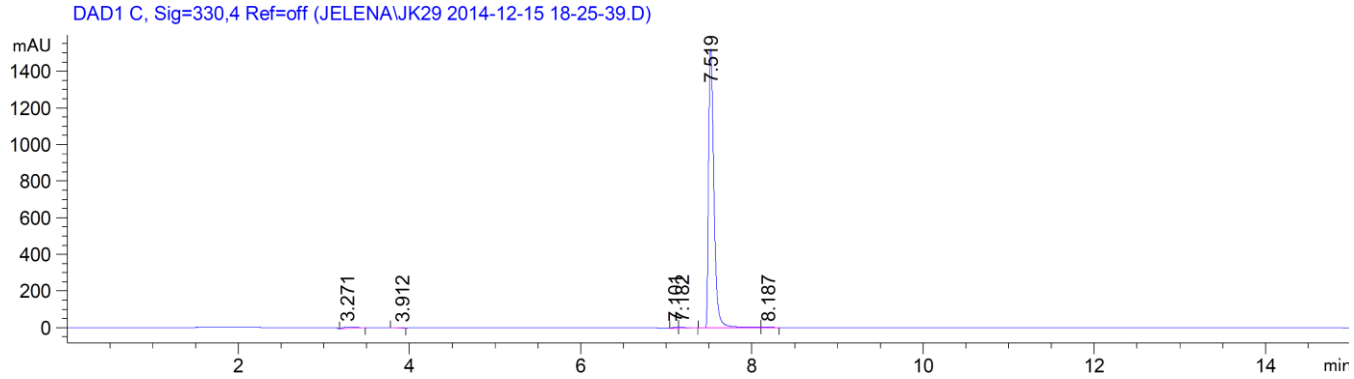
**Sample Name: 57**




Signal 1: DAD1 B, Sig=254,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.227 | BV | 0.0916 | 52.21730 | 8.00647 | 0.4003 |
| 2 | 3.354 | VB | 0.0685 | 22.11680 | 4.12540 | 0.1696 |
| 3 | 6.629 | BB | 0.3139 | 65.42651 | 2.44362 | 0.5016 |
| 4 | 7.883 | BV | 0.1229 | 67.81747 | 7.29966 | 0.5199 |
| 5 | 8.153 | VV | 0.0863 | 1.27080e4 | 2154.75684 | 97.4231 |
| 6 | 9.073 | VB | 0.1409 | 92.84189 | 8.15232 | 0.7118 |
| 7 | 10.189 | BV | 0.0631 | 22.10898 | 5.20530 | 0.1695 |
| 8 | 10.301 | VB | 0.0593 | 13.61252 | 3.21968 | 0.1044 |

Totals : 1.30442e4 2193.20929

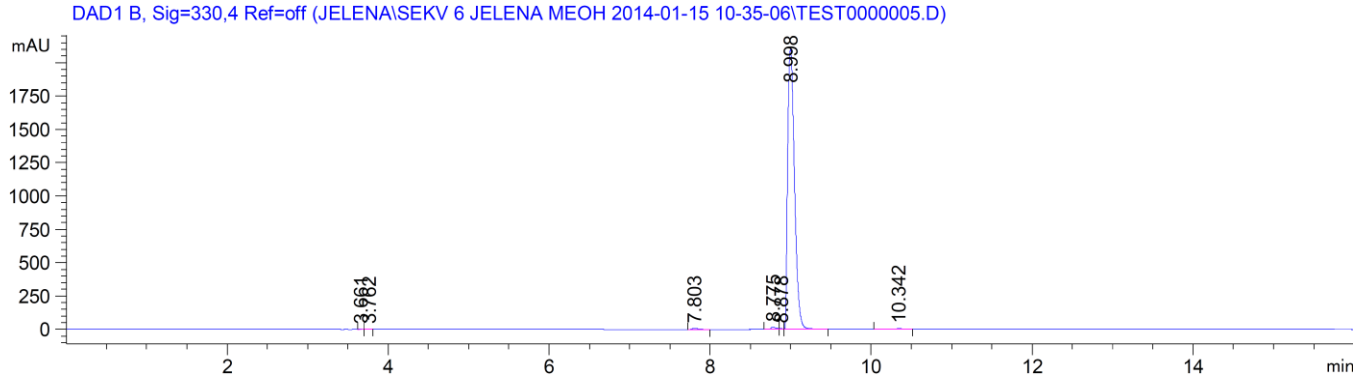



Signal 2: DAD1 C, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.271 | BB | 0.1230 | 66.70135 | 6.45660 | 0.9831 |
| 2 | 3.912 | BB | 0.0685 | 18.82228 | 3.32952 | 0.2774 |
| 3 | 7.101 | BV | 0.0604 | 19.05758 | 4.58985 | 0.2809 |
| 4 | 7.182 | VB | 0.0795 | 26.08091 | 3.97943 | 0.3844 |
| 5 | 7.519 | BV | 0.0673 | 6629.56250 | 1522.98645 | 97.7129 |
| 6 | 8.187 | VV | 0.1024 | 24.50991 | 2.83509 | 0.3613 |

Totals : 6784.73453 1544.17693

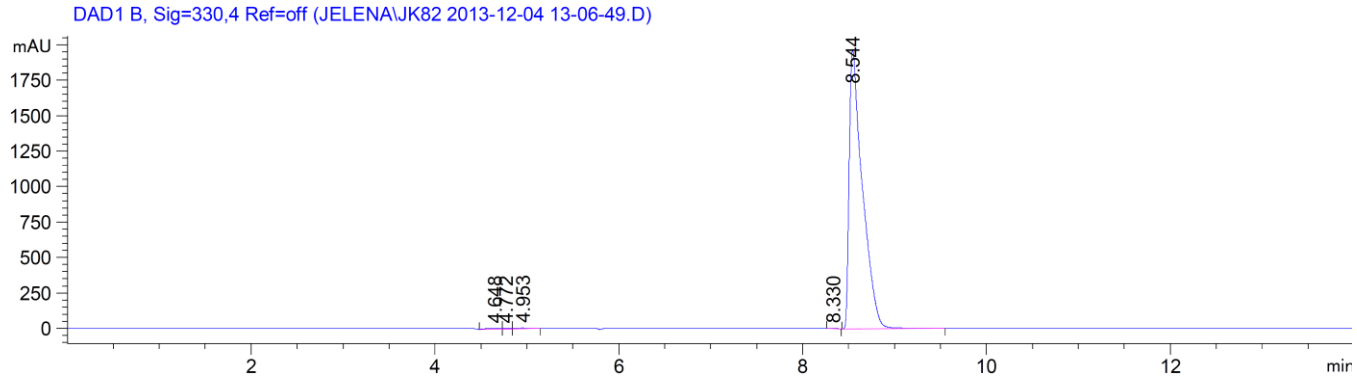
**Sample Name: 58**




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.661 | VV | 0.0520 | 5.44280 | 1.52863 | 0.0435 |
| 2 | 3.762 | VV | 0.0557 | 6.36900 | 1.45103 | 0.0509 |
| 3 | 7.803 | BB | 0.0710 | 40.45466 | 8.58539 | 0.3234 |
| 4 | 8.775 | BV | 0.0745 | 72.72842 | 15.85269 | 0.5814 |
| 5 | 8.878 | VV | 0.0444 | 13.64712 | 4.37575 | 0.1091 |
| 6 | 8.998 | VB | 0.0935 | 1.23498e4 | 2103.13525 | 98.7269 |
| 7 | 10.342 | BB | 0.1132 | 20.60589 | 2.34140 | 0.1647 |

Totals : 1.25090e4 2137.27015

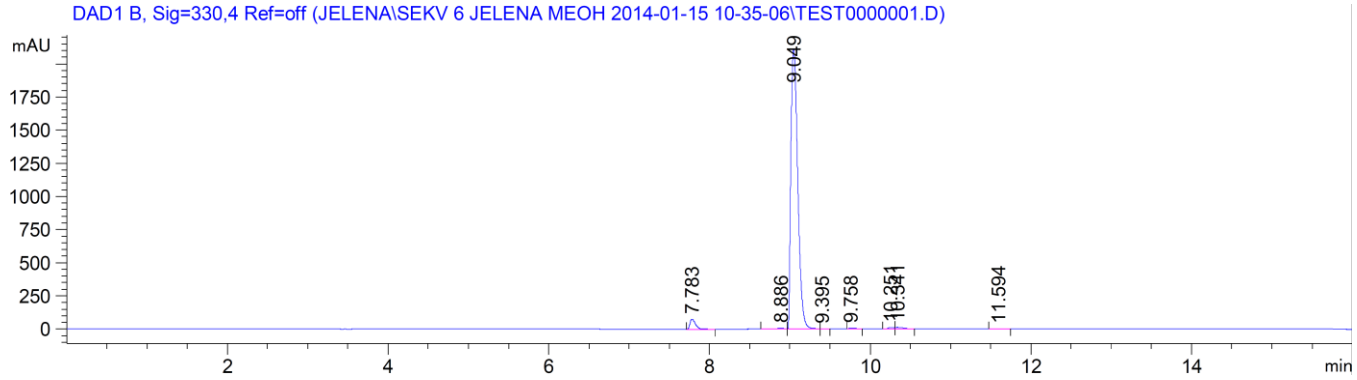



Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.648 | BV | 0.1273 | 78.21169 | 7.28418 | 0.3950 |
| 2 | 4.772 | VV | 0.0699 | 27.93681 | 5.34964 | 0.1411 |
| 3 | 4.953 | VB | 0.1259 | 44.69560 | 4.24196 | 0.2257 |
| 4 | 8.330 | BB | 0.0626 | 13.27991 | 2.83641 | 0.0671 |
| 5 | 8.544 | BB | 0.1380 | 1.96386e4 | 1967.40442 | 99.1712 |

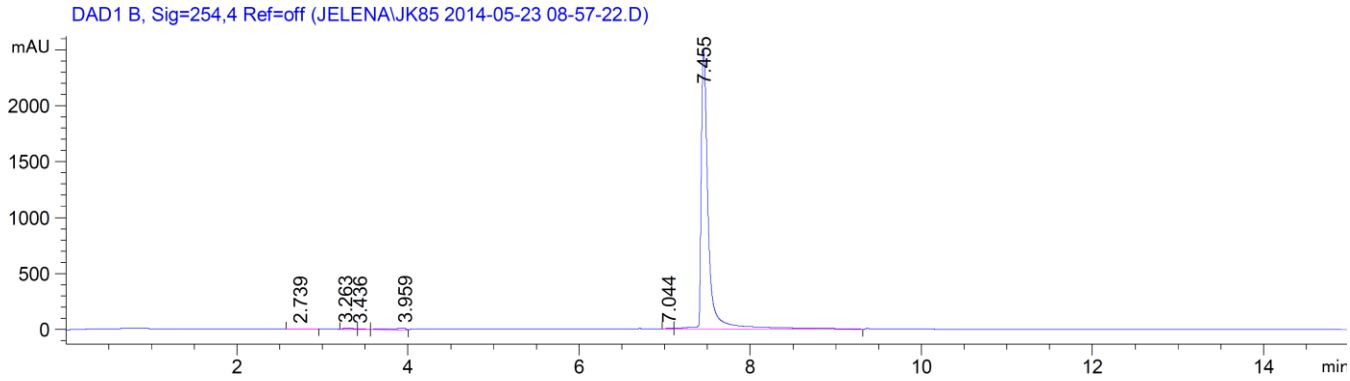
Totals : 1.98027e4 1987.11661

**Sample Name: 59**




Signal 2: DAD1 B, Sig=330,4 Ref=off

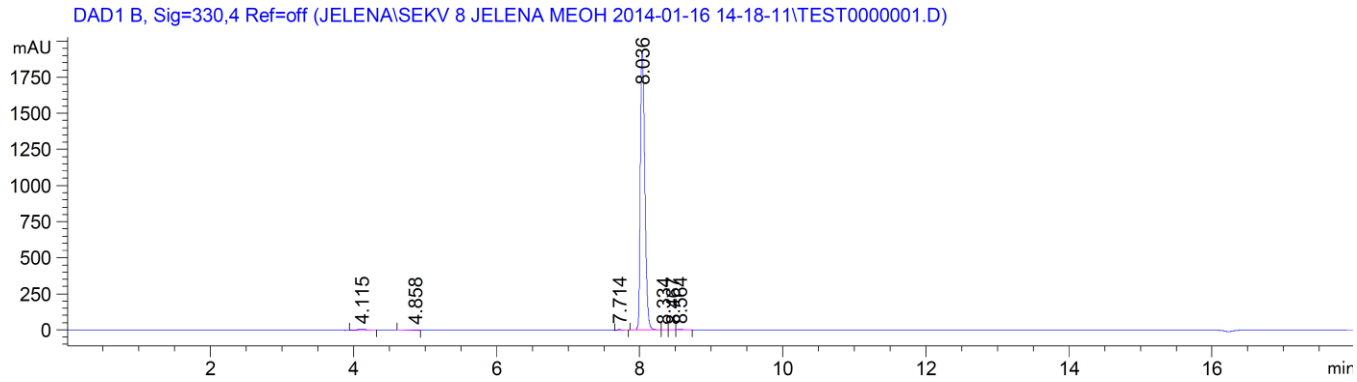
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.783 | BB | 0.0734 | 348.54092 | 74.06725 | 2.6741 |
| 2 | 8.886 | BV | 0.0860 | 33.96428 | 4.74587 | 0.2606 |
| 3 | 9.049 | VV | 0.0951 | 1.25117e4 | 2111.04248 | 95.9917 |
| 4 | 9.395 | VB | 0.0492 | 5.85177 | 1.44689 | 0.0449 |
| 5 | 9.758 | BB | 0.0661 | 19.82808 | 4.12412 | 0.1521 |
| 6 | 10.251 | BV | 0.0642 | 41.80137 | 9.90495 | 0.3207 |
| 7 | 10.341 | VB | 0.0774 | 62.59156 | 10.60054 | 0.4802 |
| 8 | 11.594 | BB | 0.0633 | 9.86433 | 2.06425 | 0.0757 |
| Totals : | | | | 1.30342e4 | 2217.99634 | |




Signal 1: DAD1 B, Sig=254,4 Ref=off

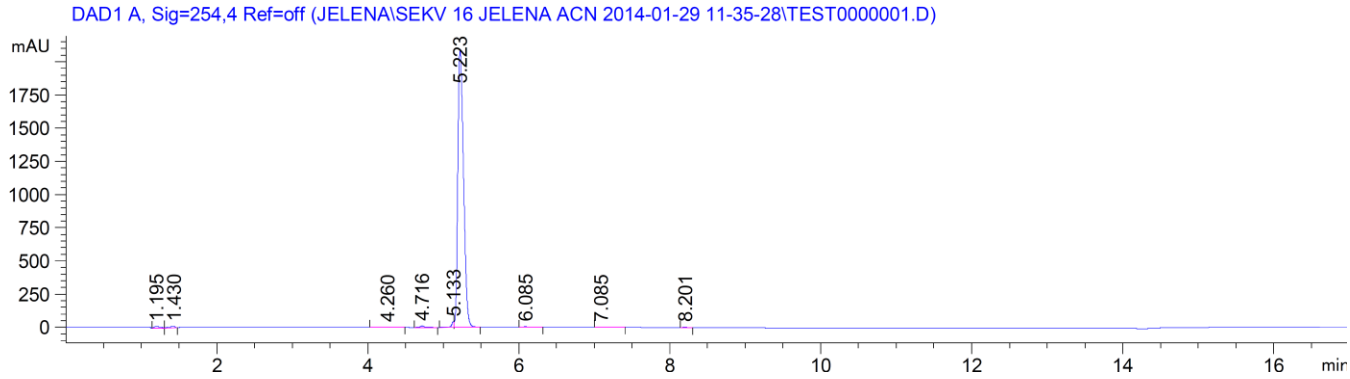
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 2.739 | BB | 0.1150 | 13.68204 | 1.41202 | 0.0893 |
| 2 | 3.263 | BV | 0.1169 | 113.98143 | 13.17284 | 0.7437 |
| 3 | 3.436 | VV | 0.0892 | 45.74899 | 6.53516 | 0.2985 |
| 4 | 3.959 | VB | 0.2514 | 236.50175 | 11.33717 | 1.5431 |
| 5 | 7.044 | VV | 0.0722 | 38.55693 | 7.60243 | 0.2516 |
| 6 | 7.455 | VB | 0.0886 | 1.48783e4 | 2492.43555 | 97.0739 |
| Totals : | | | | 1.53267e4 | 2532.49516 | |

**Sample Name: 60**




Signal 2: DAD1 B, Sig=330,4 Ref=off

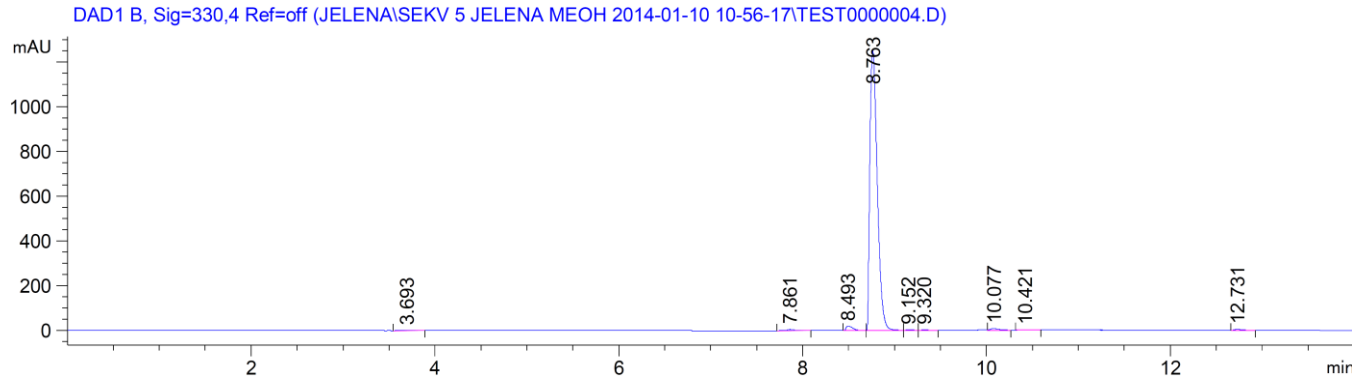
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.115 | VB | 0.1597 | 48.81816 | 3.61256 | 0.5671 |
| 2 | 4.858 | BB | 0.1328 | 33.86038 | 3.00957 | 0.3933 |
| 3 | 7.714 | BB | 0.0608 | 22.27660 | 5.02012 | 0.2588 |
| 4 | 8.036 | BV | 0.0696 | 8468.02734 | 1933.58850 | 98.3640 |
| 5 | 8.334 | VV | 0.0638 | 8.18595 | 1.54411 | 0.0951 |
| 6 | 8.467 | VV | 0.0652 | 9.49815 | 1.84129 | 0.1103 |
| 7 | 8.564 | VB | 0.0881 | 18.20164 | 2.75319 | 0.2114 |
| Totals : | | | | 8608.86822 | 1951.36934 | |




Signal 1: DAD1 A, Sig=254,4 Ref=off

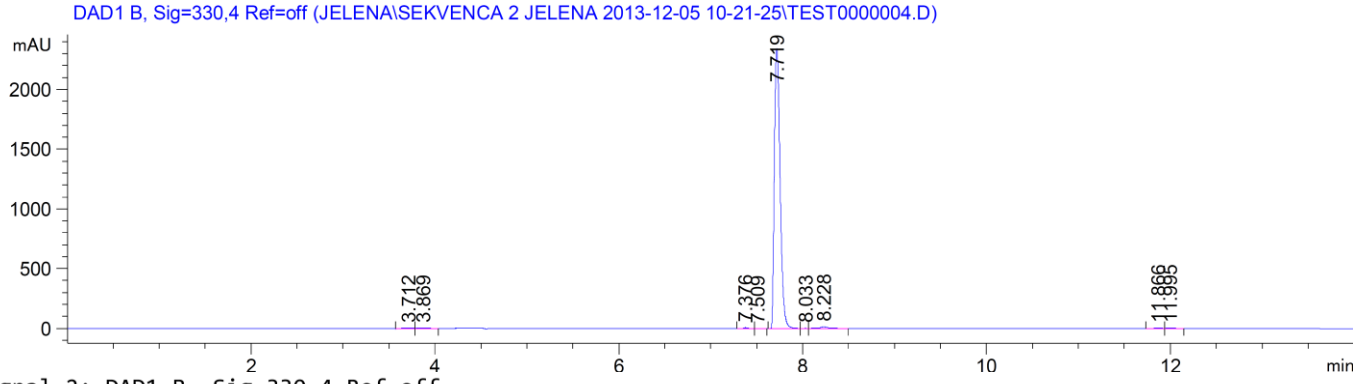
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 1.195 | BV | 0.0908 | 80.55199 | 12.81369 | 0.7129 |
| 2 | 1.430 | VB | 0.0931 | 70.36603 | 9.70337 | 0.6228 |
| 3 | 4.260 | BB | 0.1370 | 17.19882 | 1.48031 | 0.1522 |
| 4 | 4.716 | BB | 0.0499 | 36.56073 | 11.09385 | 0.3236 |
| 5 | 5.133 | BV | 0.0307 | 84.96404 | 41.89353 | 0.7520 |
| 6 | 5.223 | VV | 0.0827 | 1.09704e4 | 2091.44849 | 97.0932 |
| 7 | 6.085 | BB | 0.0709 | 19.84277 | 3.77144 | 0.1756 |
| 8 | 7.085 | BB | 0.0621 | 10.36203 | 2.46296 | 0.0917 |
| 9 | 8.201 | VB | 0.0575 | 8.58833 | 2.27575 | 0.0760 |
| Totals : | | | | 1.12989e4 | 2176.94339 | |

**Sample Name: 61**




Signal 2: DAD1 B, Sig=330,4 Ref=off

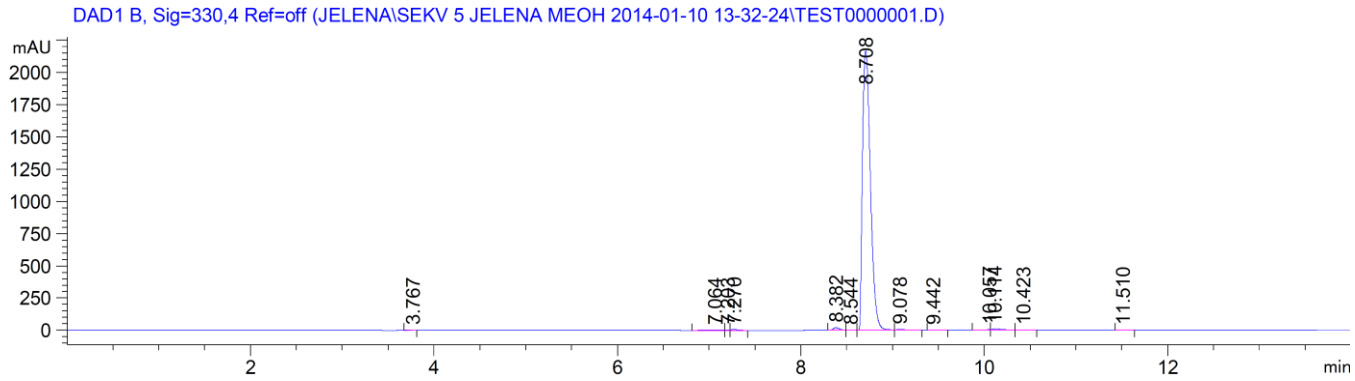
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.693 | BB | 0.1252 | 22.89116 | 2.21275 | 0.3169 |
| 2 | 7.861 | BB | 0.0783 | 31.18499 | 5.45040 | 0.4317 |
| 3 | 8.493 | BB | 0.0805 | 101.88844 | 19.98973 | 1.4104 |
| 4 | 8.763 | BV | 0.0880 | 6976.14063 | 1251.40613 | 96.5701 |
| 5 | 9.152 | VV | 0.0787 | 13.95535 | 2.26965 | 0.1932 |
| 6 | 9.320 | VB | 0.0829 | 9.97364 | 1.56373 | 0.1381 |
| 7 | 10.077 | VB | 0.0853 | 40.59160 | 6.93850 | 0.5619 |
| 8 | 10.421 | BB | 0.0758 | 8.96947 | 1.52134 | 0.1242 |
| 9 | 12.731 | BB | 0.0628 | 18.31648 | 4.12191 | 0.2536 |
| Totals : | | | | 7223.91178 | 1295.47414 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.712 | BV | 0.1237 | 45.76852 | 4.46032 | 0.4381 |
| 2 | 3.869 | VB | 0.1066 | 38.59378 | 4.40828 | 0.3694 |
| 3 | 7.376 | BB | 0.0506 | 26.25661 | 7.73854 | 0.2513 |
| 4 | 7.509 | BB | 0.0438 | 5.40240 | 1.66593 | 0.0517 |
| 5 | 7.719 | BV | 0.0688 | 1.02083e4 | 2345.34741 | 97.7075 |
| 6 | 8.033 | VV | 0.0657 | 8.64296 | 1.71862 | 0.0827 |
| 7 | 8.228 | VB | 0.0974 | 94.59625 | 13.39499 | 0.9054 |
| 8 | 11.866 | BV | 0.0587 | 8.76651 | 2.01809 | 0.0839 |
| 9 | 11.995 | VB | 0.0620 | 11.49086 | 2.57705 | 0.1100 |
| Totals : | | | | 1.04478e4 | 2383.32924 | |

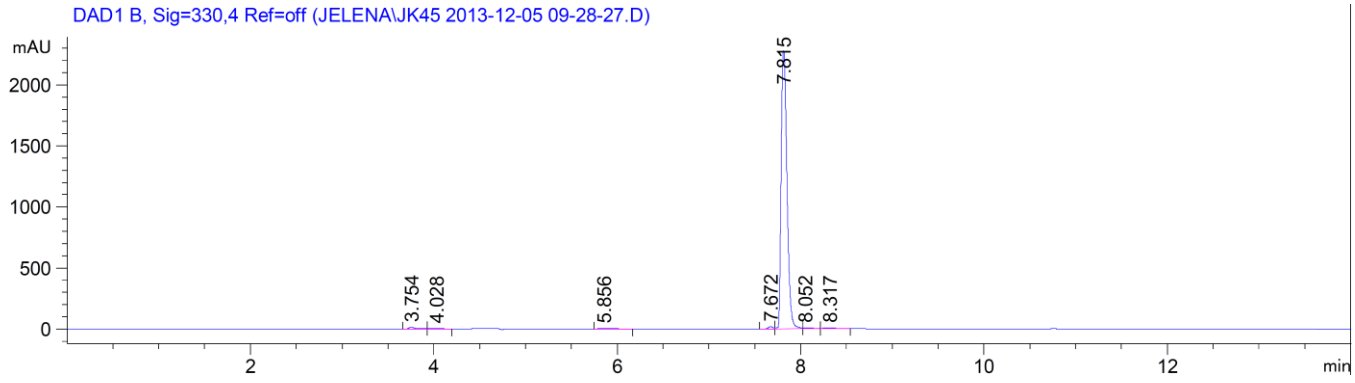
**Sample Name: 62**




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.767 | VV | 0.0764 | 10.81461 | 1.75375 | 0.0811 |
| 2 | 7.064 | BV | 0.1302 | 41.38955 | 3.78051 | 0.3105 |
| 3 | 7.203 | VV | 0.0480 | 11.25184 | 3.54413 | 0.0844 |
| 4 | 7.270 | VB | 0.0670 | 30.07512 | 6.80851 | 0.2256 |
| 5 | 8.382 | BV | 0.0737 | 91.95245 | 19.42107 | 0.6897 |
| 6 | 8.544 | VV | 0.0756 | 19.35803 | 3.31788 | 0.1452 |
| 7 | 8.708 | VV | 0.0955 | 1.29892e4 | 2165.62622 | 97.4303 |
| 8 | 9.078 | VB | 0.0787 | 30.75372 | 5.18168 | 0.2307 |
| 9 | 9.442 | BB | 0.0708 | 10.57897 | 1.97976 | 0.0794 |
| 10 | 10.057 | BV | 0.0426 | 11.08511 | 3.84681 | 0.0831 |
| 11 | 10.114 | VV | 0.0926 | 65.96877 | 9.26466 | 0.4948 |
| 12 | 10.423 | VB | 0.0786 | 10.79019 | 1.82285 | 0.0809 |
| 13 | 11.510 | BB | 0.0632 | 8.56915 | 1.77793 | 0.0643 |

Totals : 1.33318e4 2228.12574

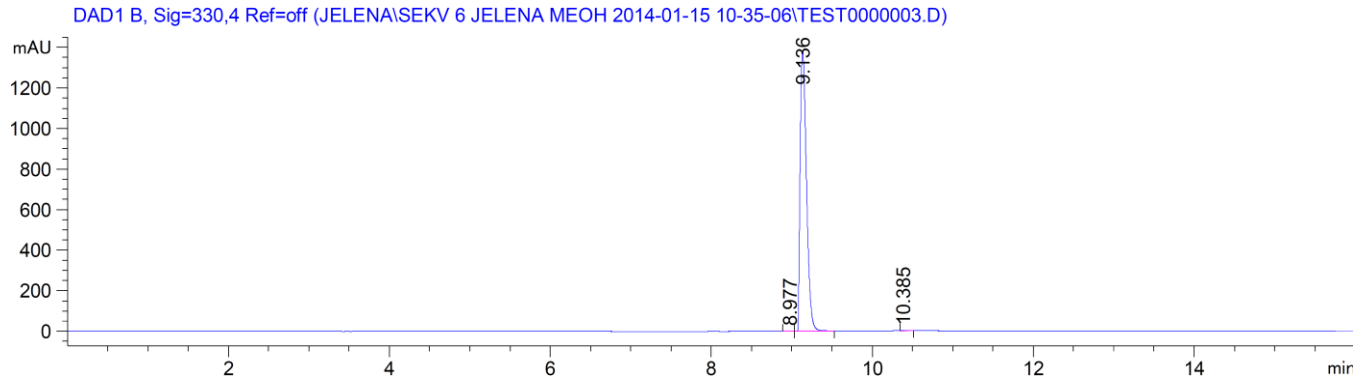



Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.754 | BV | 0.0803 | 91.30691 | 16.30123 | 0.8848 |
| 2 | 4.028 | VB | 0.1058 | 33.80949 | 3.80086 | 0.3276 |
| 3 | 5.856 | BB | 0.1017 | 22.42006 | 2.94832 | 0.2173 |
| 4 | 7.672 | BV | 0.0542 | 65.63449 | 18.59465 | 0.6361 |
| 5 | 7.815 | VV | 0.0693 | 1.00261e4 | 2279.35132 | 97.1620 |
| 6 | 8.052 | VB | 0.0883 | 30.78098 | 4.53046 | 0.2983 |
| 7 | 8.317 | BB | 0.0996 | 48.89661 | 6.91017 | 0.4739 |

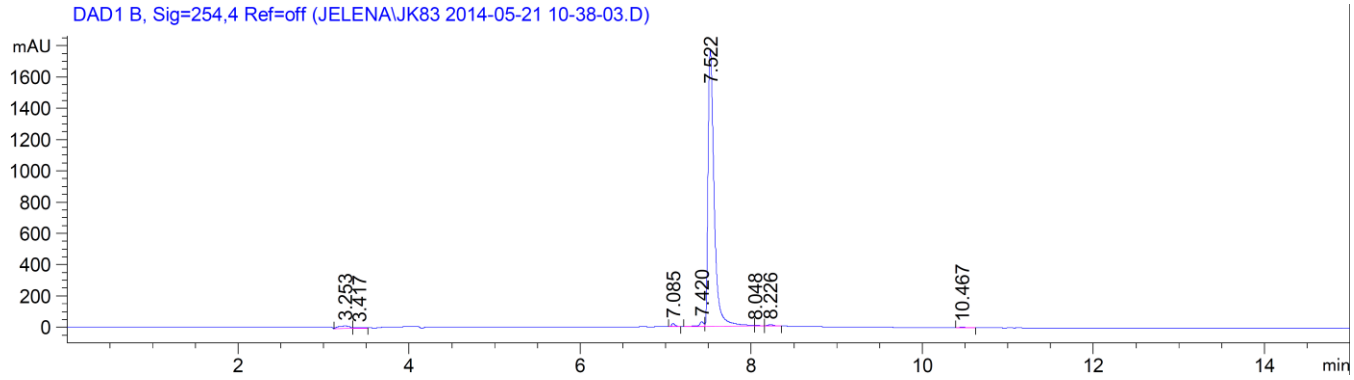
Totals : 1.03190e4 2332.43702

**Sample Name: 63**




Signal 2: DAD1 B, Sig=330,4 Ref=off

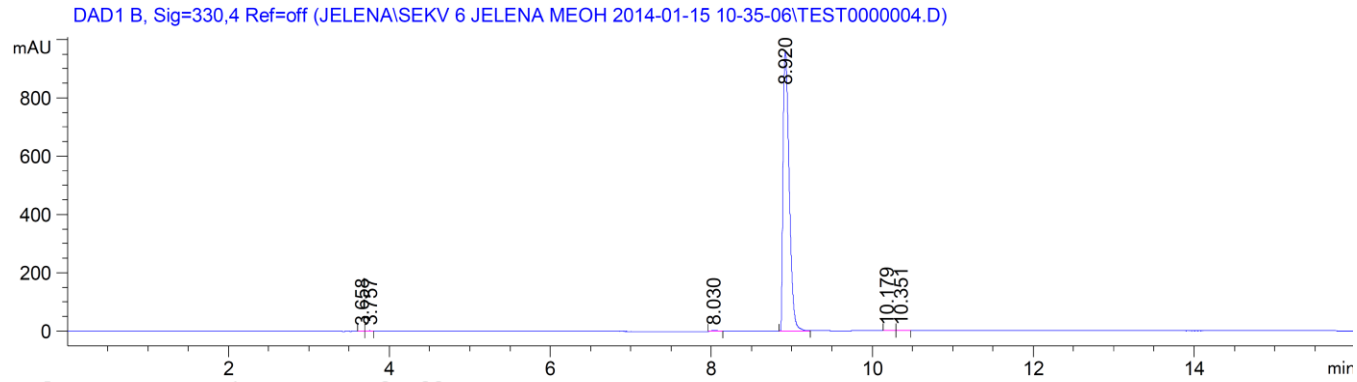
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.977 | BV | 0.0581 | 6.07233 | 1.42758 | 0.0803 |
| 2 | 9.136 | VB | 0.0866 | 7536.93994 | 1381.98608 | 99.7185 |
| 3 | 10.385 | VB | 0.0689 | 15.20347 | 2.98563 | 0.2012 |
| Totals : | | | | 7558.21574 | 1386.39930 | |




Signal 1: DAD1 B, Sig=254,4 Ref=off

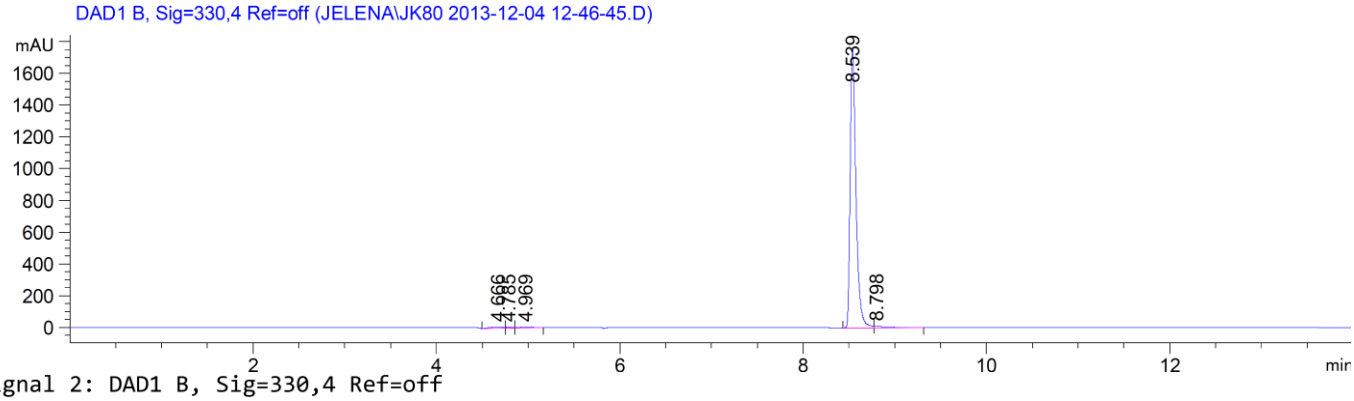
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.253 | BV | 0.1195 | 146.74586 | 14.89337 | 1.5904 |
| 2 | 3.417 | VV | 0.0982 | 43.81273 | 5.28647 | 0.4748 |
| 3 | 7.085 | VB | 0.0450 | 59.24163 | 20.33943 | 0.6421 |
| 4 | 7.420 | BV | 0.0587 | 118.89351 | 30.02690 | 1.2886 |
| 5 | 7.522 | VV | 0.0760 | 8786.02637 | 1768.50000 | 95.2224 |
| 6 | 8.048 | VB | 0.0568 | 10.91633 | 2.90983 | 0.1183 |
| 7 | 8.226 | BB | 0.0677 | 36.64531 | 7.81691 | 0.3972 |
| 8 | 10.467 | BB | 0.0608 | 24.56225 | 6.18452 | 0.2662 |
| Totals : | | | | 9226.84399 | 1855.95743 | |

**Sample Name: 64**




Signal 2: DAD1 B, Sig=330,4 Ref=off

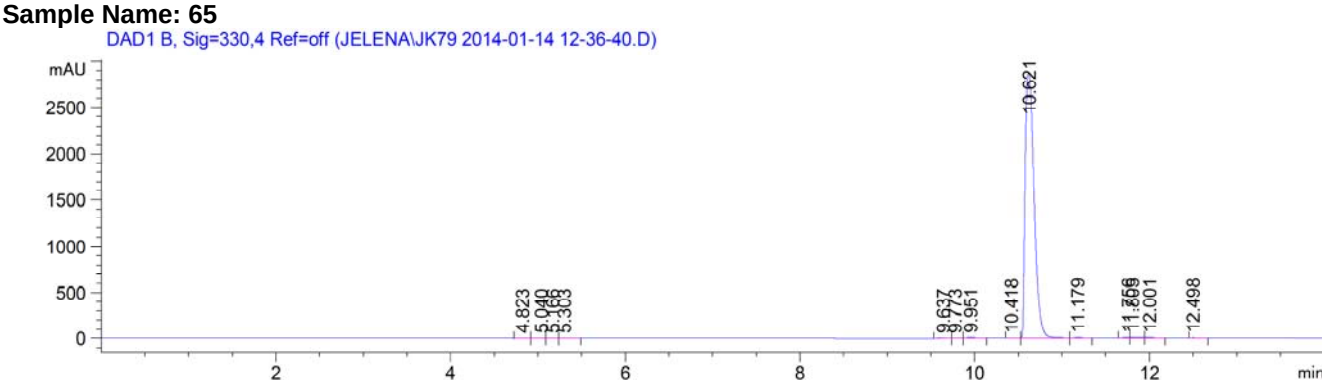
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.658 | VV | 0.0563 | 6.02537 | 1.53426 | 0.1167 |
| 2 | 3.757 | VV | 0.0533 | 6.31487 | 1.43618 | 0.1223 |
| 3 | 8.030 | BV | 0.0741 | 17.37064 | 3.16087 | 0.3364 |
| 4 | 8.920 | BV | 0.0847 | 5122.55713 | 960.89801 | 99.1961 |
| 5 | 10.179 | VV | 0.0617 | 5.39782 | 1.05525 | 0.1045 |
| 6 | 10.351 | VB | 0.0682 | 6.40662 | 1.22132 | 0.1241 |
| Totals : | | | | 5164.07245 | 969.30590 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

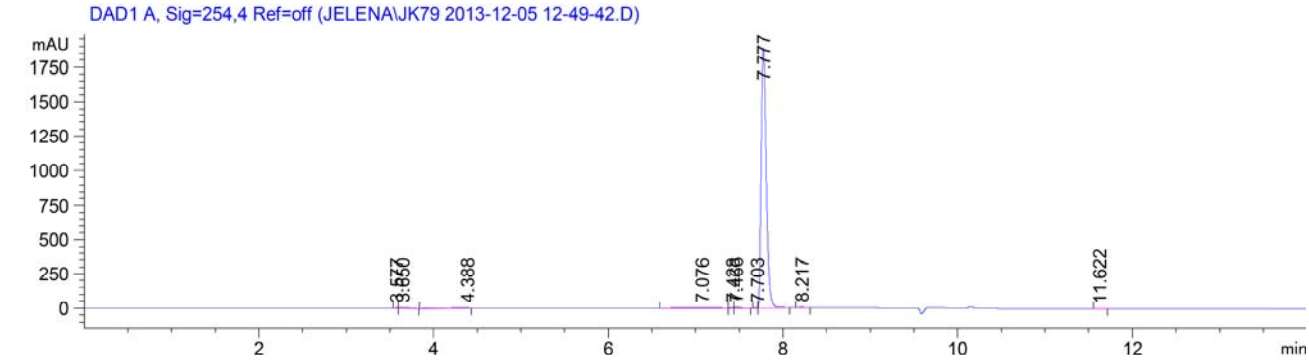
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.666 | BV | 0.1296 | 80.86763 | 7.45011 | 1.0103 |
| 2 | 4.785 | VV | 0.0712 | 26.57672 | 5.46726 | 0.3320 |
| 3 | 4.969 | VB | 0.1310 | 47.30322 | 4.32937 | 0.5910 |
| 4 | 8.539 | BV | 0.0664 | 7742.38135 | 1758.65173 | 96.7266 |
| 5 | 8.798 | VB | 0.1298 | 107.26836 | 10.81150 | 1.3401 |
| Totals : | | | | 8004.39728 | 1786.70998 | |

**Sample Name: 65**




Signal 2: DAD1 B, Sig=330,4 Ref=off

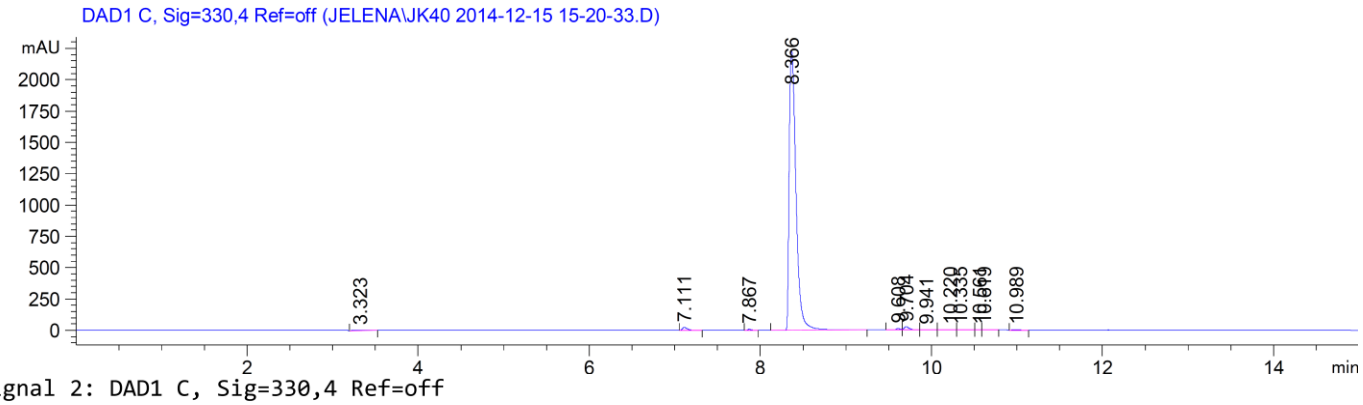
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.823 | BB | 0.0651 | 11.67756 | 2.26867 | 0.0565 |
| 2 | 5.040 | BV | 0.0725 | 8.69614 | 1.54990 | 0.0421 |
| 3 | 5.166 | VV | 0.0741 | 16.59777 | 2.66545 | 0.0804 |
| 4 | 5.303 | VB | 0.0758 | 13.70660 | 2.16667 | 0.0664 |
| 5 | 9.637 | BV | 0.0933 | 40.33210 | 5.93692 | 0.1953 |
| 6 | 9.773 | VV | 0.0676 | 15.89775 | 2.89156 | 0.0770 |
| 7 | 9.951 | VB | 0.0936 | 61.38366 | 9.53890 | 0.2972 |
| 8 | 10.418 | BV | 0.0783 | 12.72727 | 2.20623 | 0.0616 |
| 9 | 10.621 | VV | 0.0863 | 2.03929e4 | 2874.85010 | 98.7386 |
| 10 | 11.179 | VB | 0.0875 | 26.82551 | 3.81865 | 0.1299 |
| 11 | 11.756 | BV | 0.0589 | 13.53177 | 3.01378 | 0.0655 |
| 12 | 11.805 | VV | 0.0852 | 20.73692 | 3.07274 | 0.1004 |
| 13 | 12.001 | VB | 0.0561 | 13.00845 | 2.80454 | 0.0630 |
| 14 | 12.498 | BB | 0.0324 | 5.40884 | 2.26071 | 0.0262 |
| Totals : | | | | 2.06534e4 | 2919.04480 | |




Signal 1: DAD1 A, Sig=254,4 Ref=off

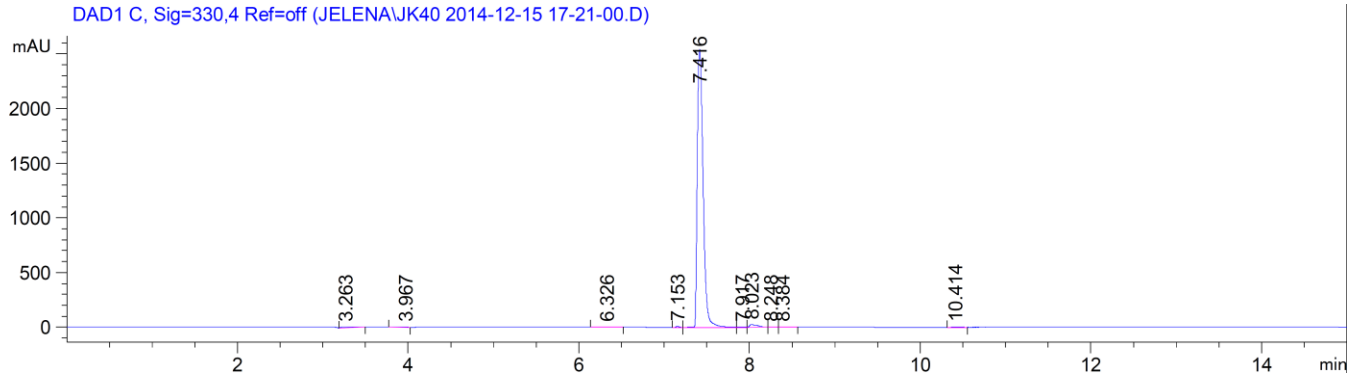
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.577 | BV | 0.0363 | 9.86480 | 4.21889 | 0.1243 |
| 2 | 3.650 | VB | 0.1021 | 51.59419 | 6.83542 | 0.6501 |
| 3 | 4.388 | BB | 0.2974 | 133.07846 | 5.36425 | 1.6768 |
| 4 | 7.076 | BV | 0.2646 | 83.08527 | 3.71248 | 1.0469 |
| 5 | 7.428 | VV | 0.0311 | 7.98969 | 3.95519 | 0.1007 |
| 6 | 7.466 | VB | 0.0555 | 23.07485 | 6.05302 | 0.2907 |
| 7 | 7.703 | BV | 0.0299 | 5.18730 | 2.82981 | 0.0654 |
| 8 | 7.777 | VB | 0.0625 | 7607.90576 | 1887.91431 | 95.8609 |
| 9 | 8.217 | BB | 0.0660 | 7.75235 | 1.67502 | 0.0977 |
| 10 | 11.622 | BV | 0.0625 | 6.86935 | 1.63666 | 0.0866 |
| Totals : | | | | 7936.40202 | 1924.19505 | |

**Sample Name: 66**




Signal 2: DAD1 C, Sig=330,4 Ref=off

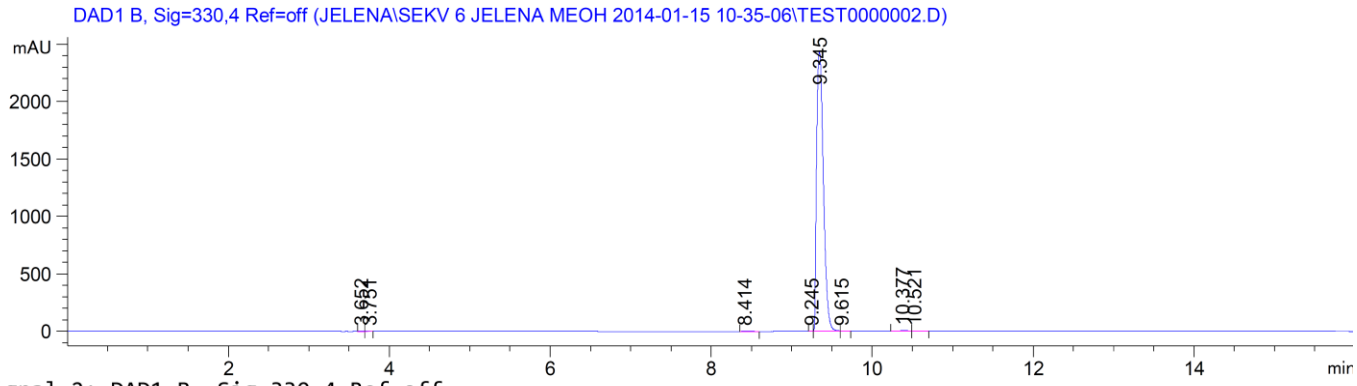
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.323 | BB | 0.1227 | 38.48485 | 3.71870 | 0.3026 |
| 2 | 7.111 | BB | 0.0647 | 103.19569 | 23.96123 | 0.8114 |
| 3 | 7.867 | BB | 0.0490 | 29.63314 | 9.22183 | 0.2330 |
| 4 | 8.366 | BB | 0.0861 | 1.23382e4 | 2227.80469 | 97.0109 |
| 5 | 9.608 | BV | 0.0536 | 36.16093 | 10.25662 | 0.2843 |
| 6 | 9.704 | VV | 0.0637 | 112.84153 | 26.20505 | 0.8872 |
| 7 | 9.941 | VB | 0.0662 | 17.31561 | 3.76253 | 0.1361 |
| 8 | 10.220 | BV | 0.0918 | 7.73934 | 1.03391 | 0.0609 |
| 9 | 10.335 | VV | 0.1144 | 10.06388 | 1.04938 | 0.0791 |
| 10 | 10.561 | VV | 0.0554 | 6.10896 | 1.57036 | 0.0480 |
| 11 | 10.619 | VB | 0.0702 | 7.94251 | 1.55087 | 0.0624 |
| 12 | 10.989 | VB | 0.0623 | 10.67323 | 2.63262 | 0.0839 |
| Totals : | | | | 1.27184e4 | 2312.76778 | |




Signal 2: DAD1 C, Sig=330,4 Ref=off

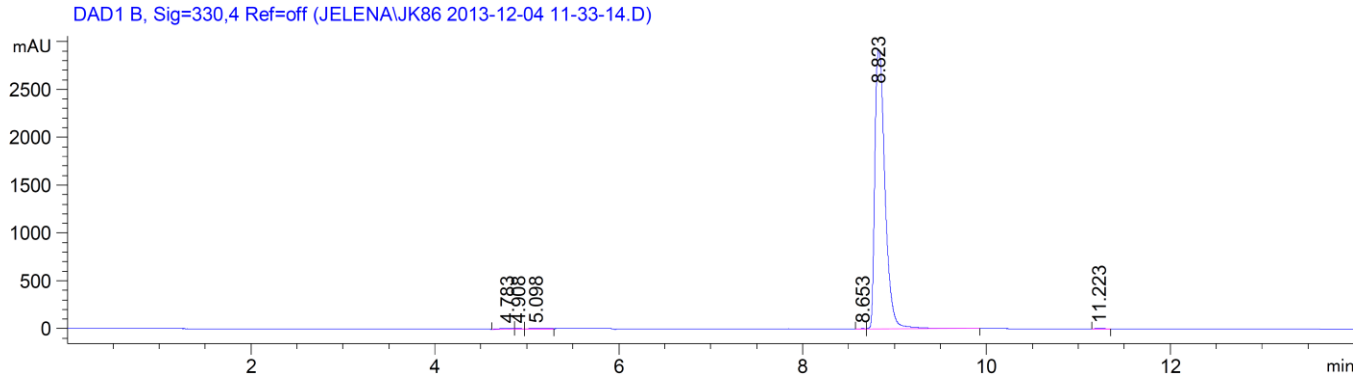
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.263 | BB | 0.1239 | 80.14003 | 7.86369 | 0.6416 |
| 2 | 3.967 | BB | 0.1017 | 25.66043 | 3.01703 | 0.2054 |
| 3 | 6.326 | BB | 0.1409 | 14.18423 | 1.18698 | 0.1136 |
| 4 | 7.153 | BV | 0.0438 | 30.71095 | 10.77397 | 0.2459 |
| 5 | 7.416 | VV | 0.0756 | 1.20893e4 | 2538.86084 | 96.7804 |
| 6 | 7.917 | VV | 0.0858 | 26.08760 | 3.63099 | 0.2088 |
| 7 | 8.023 | VV | 0.0942 | 173.81140 | 24.51852 | 1.3914 |
| 8 | 8.248 | VV | 0.0716 | 19.76900 | 3.31571 | 0.1583 |
| 9 | 8.384 | VB | 0.0740 | 23.94686 | 4.53978 | 0.1917 |
| 10 | 10.414 | BB | 0.0541 | 7.85745 | 1.92616 | 0.0629 |
| Totals : | | | | 1.24914e4 | 2599.63366 | |

**Sample Name: 67**




Signal 2: DAD1 B, Sig=330,4 Ref=off

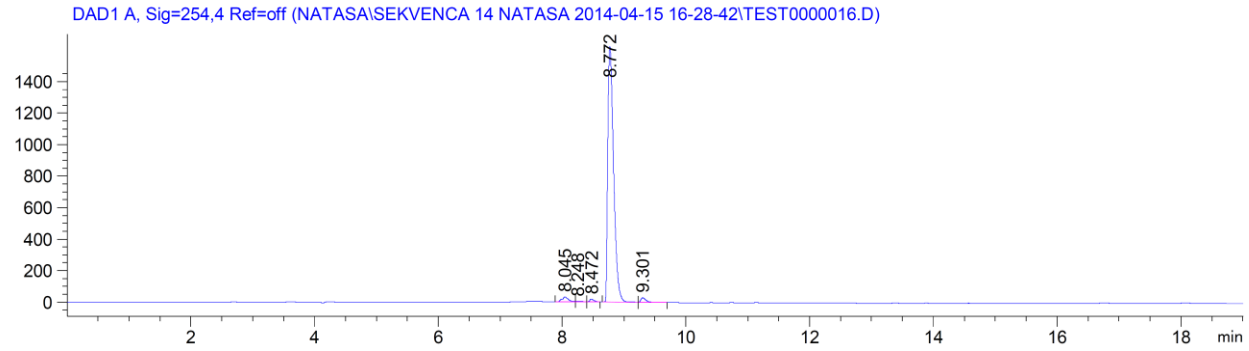
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.652 | VV | 0.0467 | 5.38533 | 1.47183 | 0.0375 |
| 2 | 3.751 | VV | 0.0550 | 6.40159 | 1.42178 | 0.0446 |
| 3 | 8.414 | BB | 0.0658 | 18.49367 | 3.76384 | 0.1287 |
| 4 | 9.245 | BV | 0.0369 | 7.10846 | 2.92126 | 0.0495 |
| 5 | 9.345 | VV | 0.0937 | 1.42739e4 | 2440.74390 | 99.3606 |
| 6 | 9.615 | VB | 0.0500 | 12.60845 | 3.12921 | 0.0878 |
| 7 | 10.377 | BV | 0.0780 | 34.78539 | 6.01664 | 0.2421 |
| 8 | 10.521 | VB | 0.0677 | 7.07117 | 1.27445 | 0.0492 |
| Totals : | | | | 1.43657e4 | 2460.74290 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

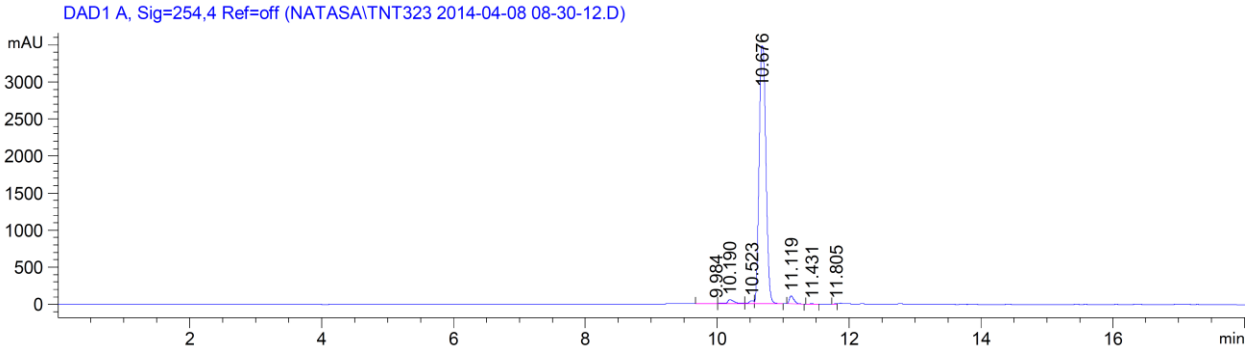
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.783 | BV | 0.1275 | 82.71500 | 7.72165 | 0.3643 |
| 2 | 4.908 | VV | 0.0628 | 29.55560 | 5.76257 | 0.1302 |
| 3 | 5.098 | VB | 0.1386 | 48.57272 | 4.32407 | 0.2139 |
| 4 | 8.653 | BV | 0.0660 | 20.56114 | 4.65904 | 0.0906 |
| 5 | 8.823 | VB | 0.0930 | 2.25154e4 | 2917.79028 | 99.1727 |
| 6 | 11.223 | BB | 0.0625 | 6.40850 | 1.48129 | 0.0282 |
| Totals : | | | | 2.27032e4 | 2941.73890 | |

**Sample Name: 68**




Signal 1: DAD1 A, Sig=254,4 Ref=off

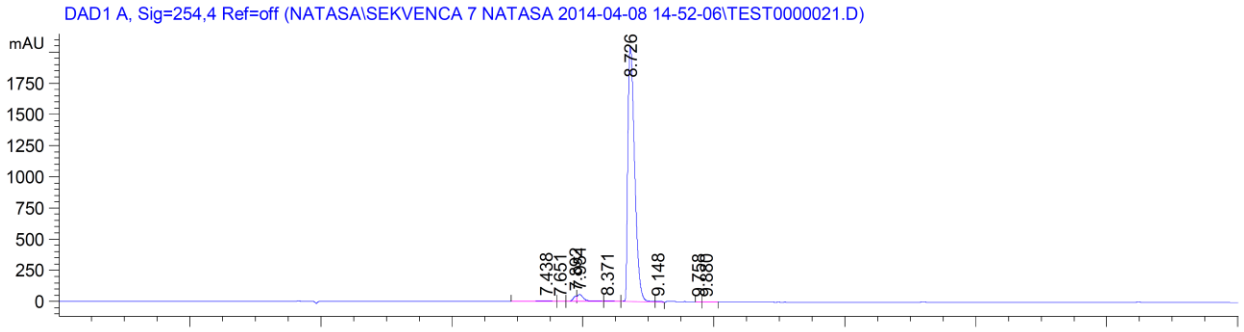
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.045 | BV | 0.1040 | 225.47810 | 30.58107 | 2.0276 |
| 2 | 8.248 | VV | 0.0888 | 29.83970 | 4.44548 | 0.2683 |
| 3 | 8.472 | VB | 0.0657 | 76.18533 | 17.19295 | 0.6851 |
| 4 | 8.772 | BV | 0.1016 | 1.06295e4 | 1618.62073 | 95.5856 |
| 5 | 9.301 | VB | 0.0833 | 159.39957 | 28.47119 | 1.4334 |
| Totals : | | | | 1.11204e4 | 1699.31141 | |




Signal 1: DAD1 A, Sig=254,4 Ref=off

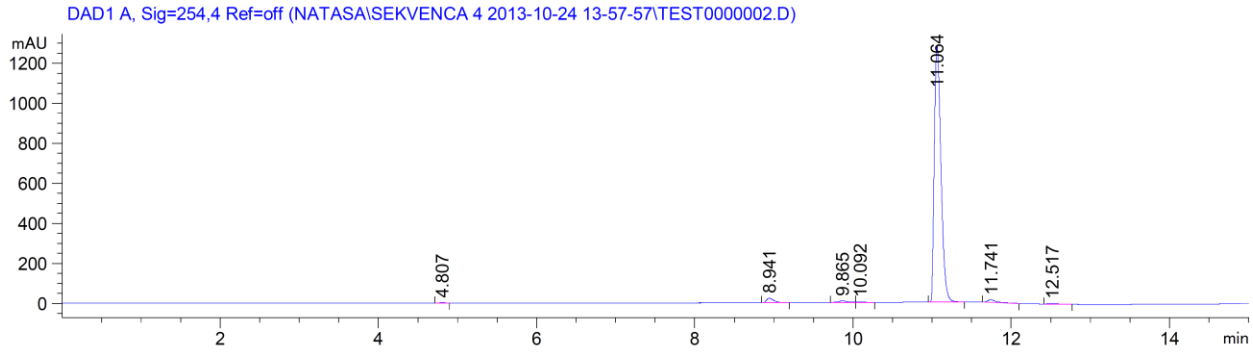
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 9.984 | VV | 0.1683 | 97.34632 | 6.82925 | 0.3728 |
| 2 | 10.190 | VV | 0.1228 | 449.55774 | 53.92392 | 1.7218 |
| 3 | 10.523 | VV | 0.0738 | 206.45805 | 42.40425 | 0.7907 |
| 4 | 10.676 | VB | 0.0862 | 2.48178e4 | 3480.65381 | 95.0522 |
| 5 | 11.119 | VB | 0.0767 | 515.76111 | 105.11142 | 1.9754 |
| 6 | 11.431 | BV | 0.0705 | 10.32788 | 1.95973 | 0.0396 |
| 7 | 11.805 | BV | 0.0403 | 12.39642 | 4.62155 | 0.0475 |
| Totals : | | | | 2.61096e4 | 3695.50394 | |

**Sample Name: 69**




Signal 1: DAD1 A, Sig=254,4 Ref=off

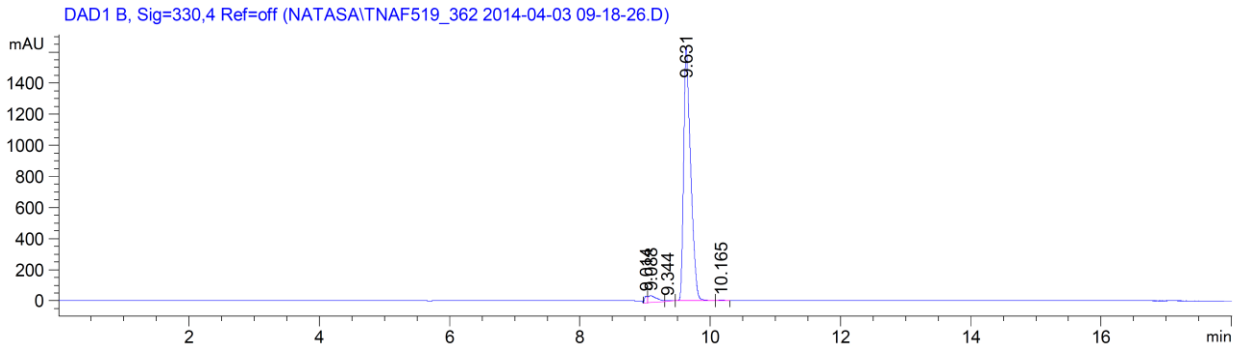
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.438 | BV | 0.2200 | 96.91264 | 5.20961 | 0.6250 |
| 2 | 7.651 | VB | 0.0523 | 10.60047 | 2.92534 | 0.0684 |
| 3 | 7.892 | BV | 0.0578 | 161.48833 | 42.50302 | 1.0415 |
| 4 | 7.951 | VV | 0.0914 | 376.78384 | 56.09345 | 2.4300 |
| 5 | 8.371 | VB | 0.0966 | 36.73793 | 4.97665 | 0.2369 |
| 6 | 8.726 | BV | 0.1126 | 1.47487e4 | 2044.91418 | 95.1199 |
| 7 | 9.148 | VB | 0.0888 | 45.48990 | 6.69432 | 0.2934 |
| 8 | 9.758 | VV | 0.0663 | 13.19451 | 2.37499 | 0.0851 |
| 9 | 9.880 | VB | 0.0990 | 15.47882 | 2.02801 | 0.0998 |
| Totals : | | | | 1.55054e4 | 2167.71957 | |




Signal 1: DAD1 A, Sig=254,4 Ref=off

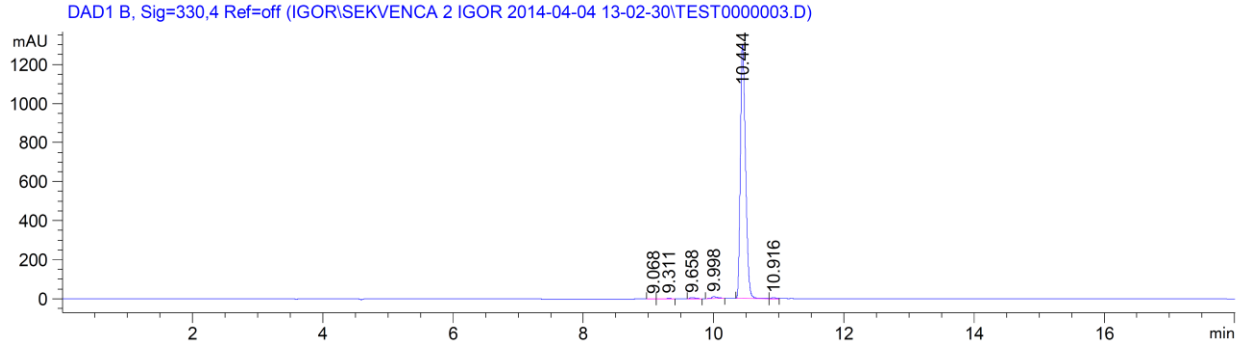
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.807 | BB | 0.0704 | 11.12288 | 2.04668 | 0.1425 |
| 2 | 8.941 | BV | 0.0990 | 141.77834 | 21.75297 | 1.8170 |
| 3 | 9.865 | BV | 0.1087 | 65.65153 | 8.44594 | 0.8414 |
| 4 | 10.092 | VB | 0.0949 | 8.72442 | 1.12021 | 0.1118 |
| 5 | 11.064 | BB | 0.0923 | 7468.76270 | 1276.59302 | 95.7175 |
| 6 | 11.741 | BB | 0.1020 | 85.74429 | 12.19396 | 1.0989 |
| 7 | 12.517 | BB | 0.1024 | 21.13474 | 2.49402 | 0.2709 |
| Totals : | | | | 7802.91889 | 1324.64681 | |

**Sample Name: 70**




Signal 2: DAD1 B, Sig=330,4 Ref=off

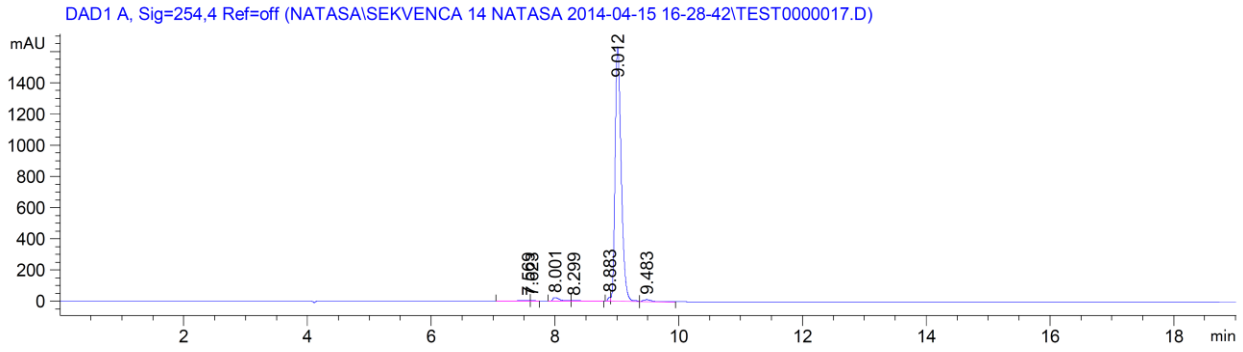
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 9.014 | BV | 0.0470 | 122.33065 | 41.36555 | 0.9582 |
| 2 | 9.088 | VV | 0.1236 | 401.01062 | 43.29566 | 3.1410 |
| 3 | 9.344 | VB | 0.0736 | 28.60403 | 4.75736 | 0.2240 |
| 4 | 9.631 | BV | 0.1052 | 1.21861e4 | 1630.75928 | 95.4509 |
| 5 | 10.165 | VV | 0.0922 | 28.83373 | 3.70978 | 0.2258 |
| Totals : | | | | 1.27669e4 | 1723.88763 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

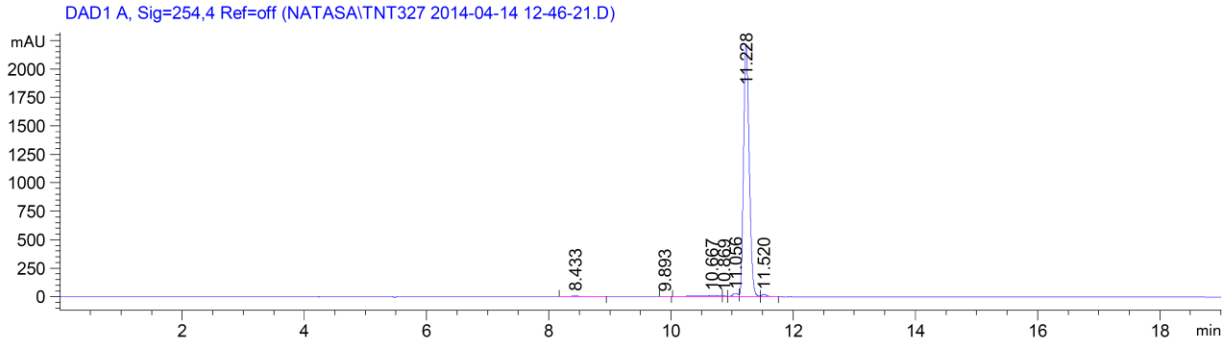
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 9.068 | BV | 0.0581 | 5.38237 | 1.14931 | 0.0739 |
| 2 | 9.311 | VV | 0.1002 | 18.69241 | 2.39137 | 0.2566 |
| 3 | 9.658 | BB | 0.0722 | 30.44983 | 5.62012 | 0.4180 |
| 4 | 9.998 | BB | 0.0966 | 60.39011 | 8.74197 | 0.8291 |
| 5 | 10.444 | VB | 0.0836 | 7149.90381 | 1301.47083 | 98.1564 |
| 6 | 10.916 | BV | 0.0632 | 19.37416 | 4.28729 | 0.2660 |
| Totals : | | | | 7284.19269 | 1323.66088 | |

**Sample Name: 71**




Signal 1: DAD1 A, Sig=254,4 Ref=off

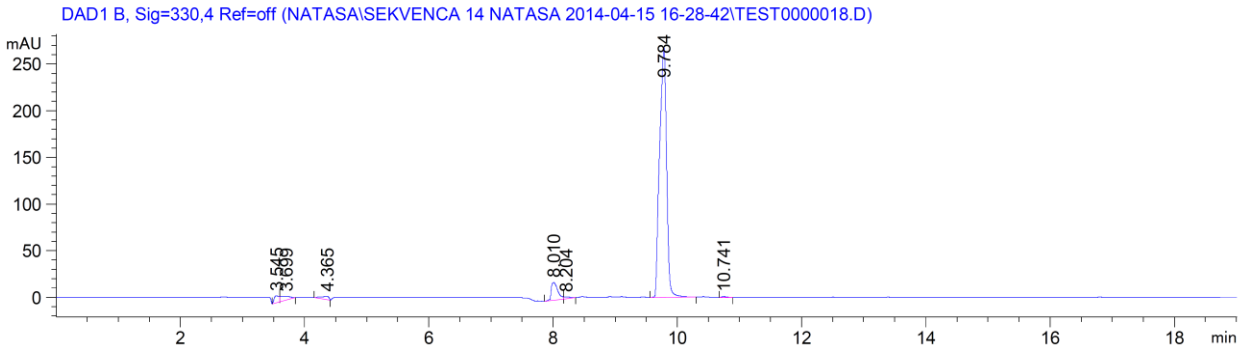
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.569 | BV | 0.1628 | 66.02155 | 4.75915 | 0.5633 |
| 2 | 7.623 | VB | 0.0535 | 20.76156 | 4.65395 | 0.1771 |
| 3 | 8.001 | VV | 0.1251 | 186.64926 | 22.30070 | 1.5924 |
| 4 | 8.299 | VB | 0.1530 | 49.88971 | 4.02753 | 0.4256 |
| 5 | 8.883 | BV | 0.0419 | 66.80297 | 24.79404 | 0.5699 |
| 6 | 9.012 | VB | 0.1049 | 1.11836e4 | 1632.67212 | 95.4152 |
| 7 | 9.483 | BV | 0.1470 | 147.25887 | 13.68917 | 1.2564 |
| Totals : | | | | 1.17210e4 | 1706.89666 | |




Signal 1: DAD1 A, Sig=254,4 Ref=off

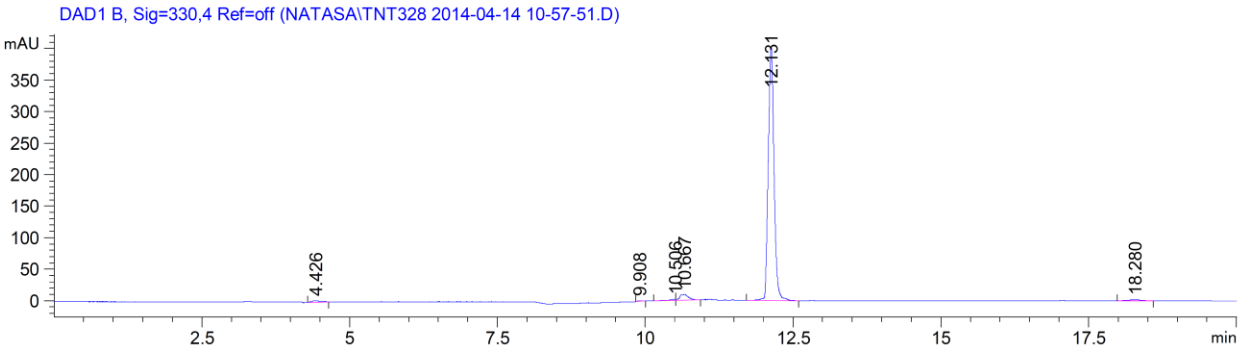
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.433 | BB | 0.2492 | 90.93458 | 4.28365 | 0.6128 |
| 2 | 9.893 | BB | 0.0742 | 7.45205 | 1.22160 | 0.0502 |
| 3 | 10.667 | BV | 0.1984 | 185.06169 | 11.61228 | 1.2471 |
| 4 | 10.869 | VB | 0.0465 | 18.35097 | 4.76177 | 0.1237 |
| 5 | 11.056 | BV | 0.1022 | 169.32326 | 26.62750 | 1.1411 |
| 6 | 11.228 | VV | 0.0977 | 1.42463e4 | 2209.67236 | 96.0065 |
| 7 | 11.520 | VB | 0.0877 | 121.47679 | 21.10198 | 0.8186 |
| Totals : | | | | 1.48389e4 | 2279.28114 | |

**Sample Name: 72**




Signal 2: DAD1 B, Sig=330,4 Ref=off

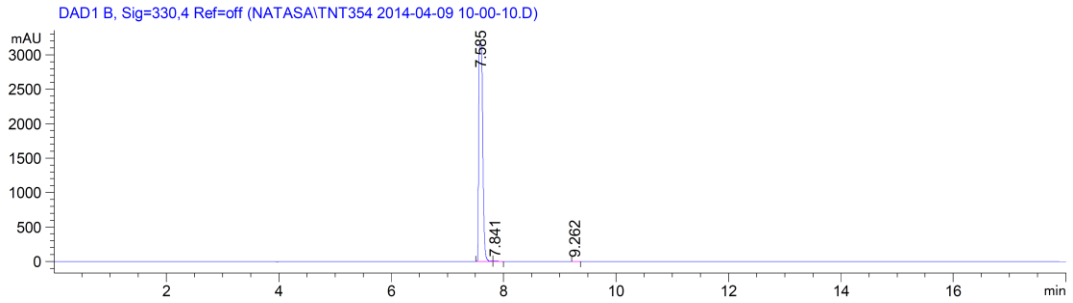
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 3.545 | BV | 0.0740 | 38.86207 | 7.43802 | 1.6406 |
| 2 | 3.699 | VB | 0.1361 | 49.91531 | 4.32688 | 2.1073 |
| 3 | 4.365 | BB | 0.1016 | 26.98887 | 3.14413 | 1.1394 |
| 4 | 8.010 | BV | 0.1083 | 137.77701 | 18.96221 | 5.8165 |
| 5 | 8.204 | VB | 0.0743 | 12.97297 | 2.09292 | 0.5477 |
| 6 | 9.784 | BB | 0.1336 | 2096.97559 | 268.46112 | 88.5275 |
| 7 | 10.741 | BB | 0.0579 | 5.23660 | 1.09195 | 0.2211 |
| Totals : | | | | 2368.72842 | 305.51722 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

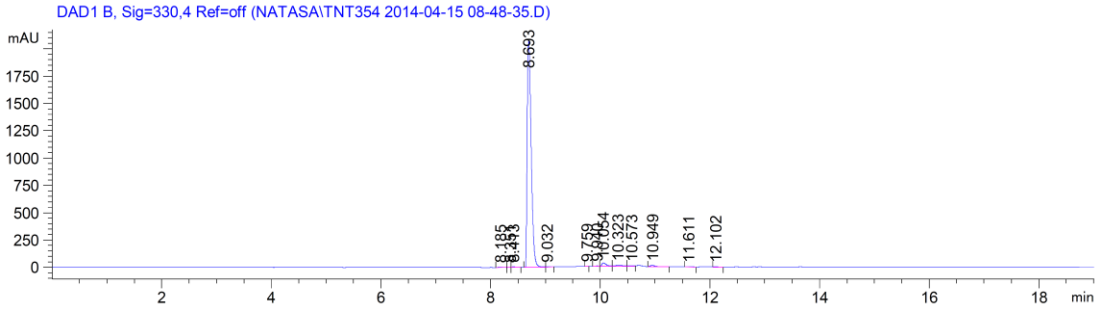
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.426 | BB | 0.1431 | 24.96911 | 2.07974 | 0.8604 |
| 2 | 9.908 | BB | 0.0626 | 5.53298 | 1.10092 | 0.1907 |
| 3 | 10.506 | BV | 0.1067 | 15.33467 | 1.70806 | 0.5284 |
| 4 | 10.667 | VB | 0.1315 | 94.38187 | 9.02328 | 3.2522 |
| 5 | 12.131 | BB | 0.1073 | 2736.47290 | 402.58151 | 94.2920 |
| 6 | 18.280 | BB | 0.1923 | 25.43538 | 1.56787 | 0.8764 |
| Totals : | | | | 2902.12690 | 418.06139 | |

**Sample Name: 73**




Signal 2: DAD1 B, Sig=330,4 Ref=off

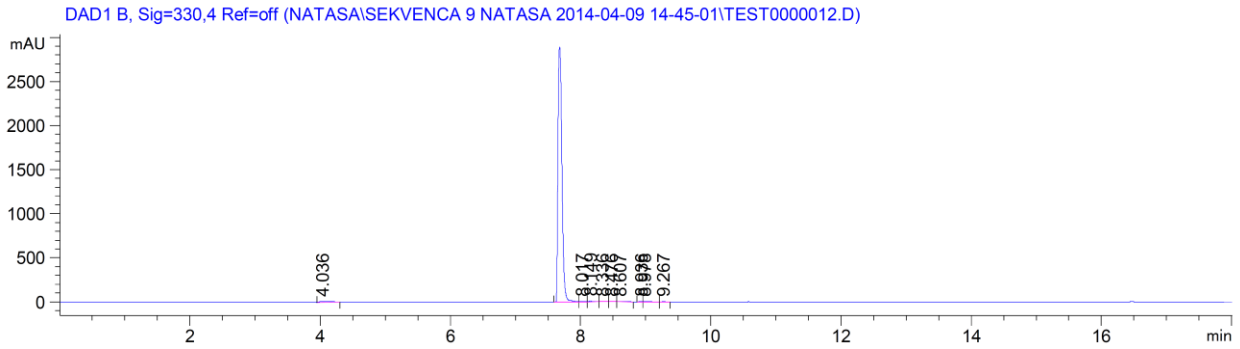
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 7.585 | BV | 0.0586 | 1.56627e4 | 3200.56226 | 99.7122 |
| 2 | 7.841 | VB | 0.0732 | 35.88604 | 7.06903 | 0.2285 |
| 3 | 9.262 | BB | 0.0658 | 9.32462 | 2.07845 | 0.0594 |
| Totals : | | | | 1.57079e4 | 3209.70974 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

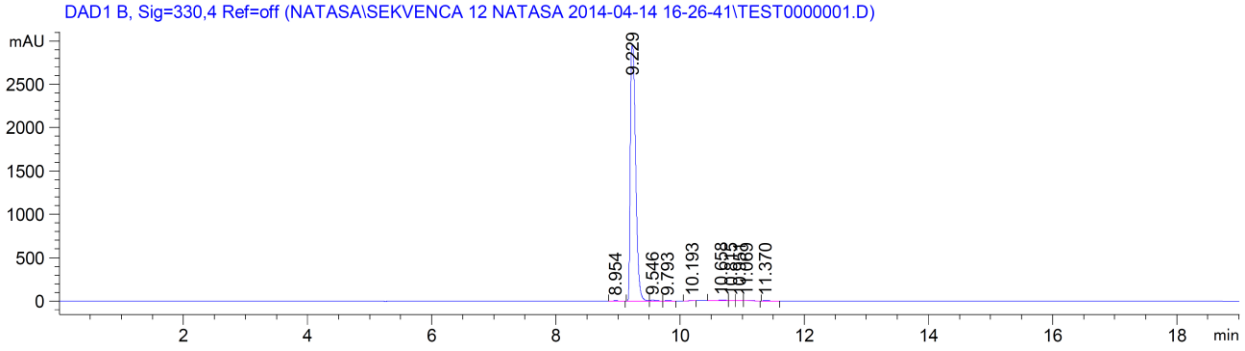
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.185 | BB | 0.0764 | 22.35196 | 3.95839 | 0.2038 |
| 2 | 8.351 | BV | 0.0422 | 6.37484 | 2.34928 | 0.0581 |
| 3 | 8.413 | VB | 0.0652 | 27.23163 | 5.80435 | 0.2482 |
| 4 | 8.693 | BV | 0.0798 | 1.04545e4 | 2073.23926 | 95.3028 |
| 5 | 9.032 | VB | 0.0575 | 8.46055 | 1.89796 | 0.0771 |
| 6 | 9.759 | VV | 0.0537 | 6.51303 | 1.54337 | 0.0594 |
| 7 | 9.940 | BV | 0.0659 | 12.48099 | 2.40982 | 0.1138 |
| 8 | 10.054 | VV | 0.0823 | 173.28992 | 31.44838 | 1.5797 |
| 9 | 10.323 | VV | 0.1303 | 120.31158 | 11.66489 | 1.0968 |
| 10 | 10.573 | VV | 0.1053 | 52.87331 | 6.05845 | 0.4820 |
| 11 | 10.949 | BB | 0.0848 | 68.83119 | 12.02968 | 0.6275 |
| 12 | 11.611 | BB | 0.0890 | 7.26306 | 1.02670 | 0.0662 |
| 13 | 12.102 | VB | 0.0712 | 9.28588 | 1.90994 | 0.0846 |
| Totals : | | | | 1.09698e4 | 2155.34048 | |

**Sample Name: 74**




Signal 2: DAD1 B, Sig=330,4 Ref=off

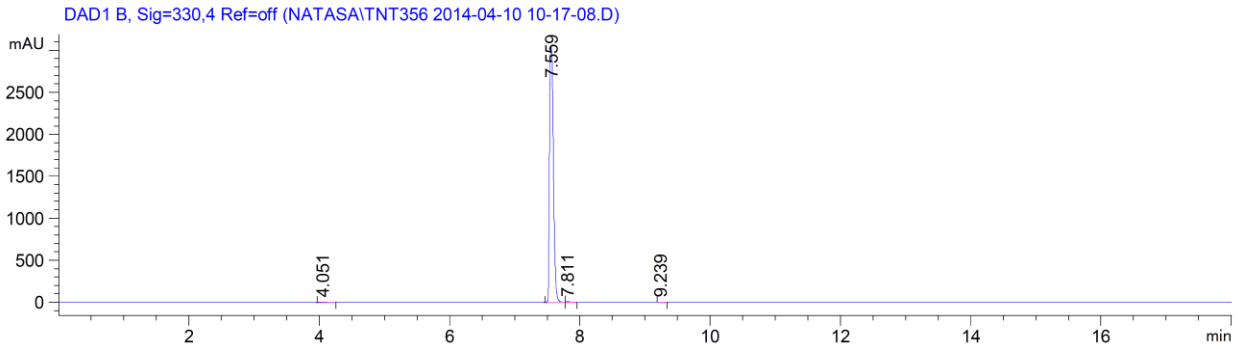
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.036 | BB | 0.1380 | 80.40632 | 6.87469 | 0.6400 |
| 2 | 7.677 | BV | 0.0672 | 1.23431e4 | 2896.41113 | 98.2448 |
| 3 | 8.017 | VV | 0.0816 | 34.02444 | 5.50294 | 0.2708 |
| 4 | 8.149 | VB | 0.0725 | 39.31433 | 7.71279 | 0.3129 |
| 5 | 8.336 | BV | 0.0614 | 8.75347 | 2.00453 | 0.0697 |
| 6 | 8.476 | VV | 0.0590 | 5.85183 | 1.40767 | 0.0466 |
| 7 | 8.607 | VB | 0.0868 | 7.27623 | 1.05001 | 0.0579 |
| 8 | 8.936 | BV | 0.0388 | 8.71676 | 3.00538 | 0.0694 |
| 9 | 8.978 | VB | 0.1064 | 27.21218 | 3.13117 | 0.2166 |
| 10 | 9.267 | BB | 0.0635 | 8.96536 | 1.97242 | 0.0714 |
| Totals : | | | | 1.25636e4 | 2929.07274 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

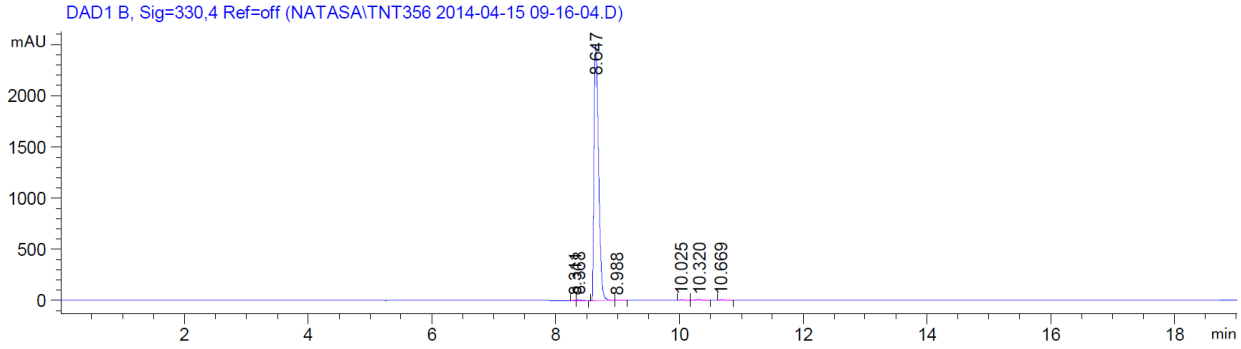
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.954 | BB | 0.0755 | 38.80712 | 7.42615 | 0.2167 |
| 2 | 9.229 | BV | 0.0725 | 1.76313e4 | 2958.89307 | 98.4556 |
| 3 | 9.546 | VB | 0.0752 | 61.90760 | 11.51164 | 0.3457 |
| 4 | 9.793 | BB | 0.0692 | 24.35485 | 5.29594 | 0.1360 |
| 5 | 10.193 | BV | 0.0732 | 7.06143 | 1.14846 | 0.0394 |
| 6 | 10.658 | BV | 0.1187 | 71.18488 | 7.74543 | 0.3975 |
| 7 | 10.815 | VV | 0.0636 | 23.78905 | 4.73402 | 0.1328 |
| 8 | 10.951 | VV | 0.0726 | 18.06789 | 3.05223 | 0.1009 |
| 9 | 11.069 | VB | 0.0819 | 18.04788 | 2.83065 | 0.1008 |
| 10 | 11.370 | BB | 0.0717 | 13.35312 | 2.63241 | 0.0746 |
| Totals : | | | | 1.79078e4 | 3005.27000 | |

**Sample Name: 75**




Signal 2: DAD1 B, Sig=330,4 Ref=off

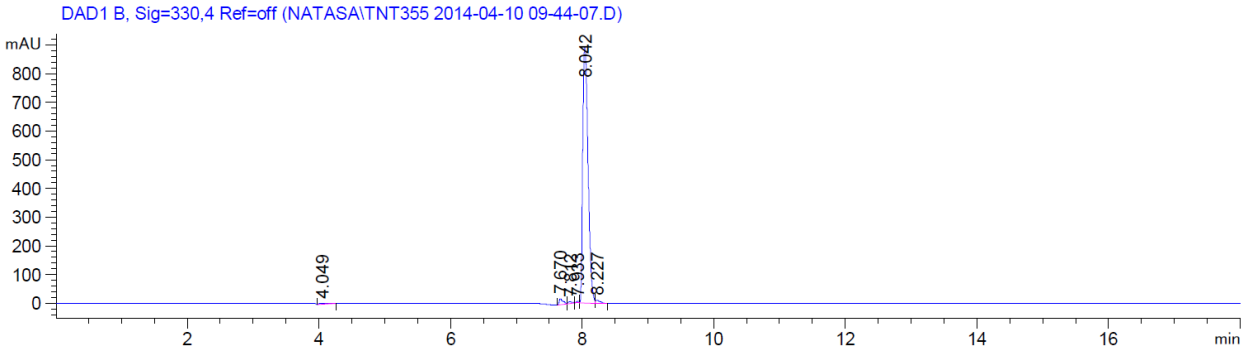
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.051 | BB | 0.1138 | 34.53181 | 3.60379 | 0.2687 |
| 2 | 7.559 | BV | 0.0590 | 1.27836e4 | 3043.60840 | 99.4543 |
| 3 | 7.811 | VB | 0.0717 | 29.58470 | 6.03888 | 0.2302 |
| 4 | 9.239 | BB | 0.0528 | 6.02539 | 1.37156 | 0.0469 |
| Totals : | | | | 1.28537e4 | 3054.62262 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

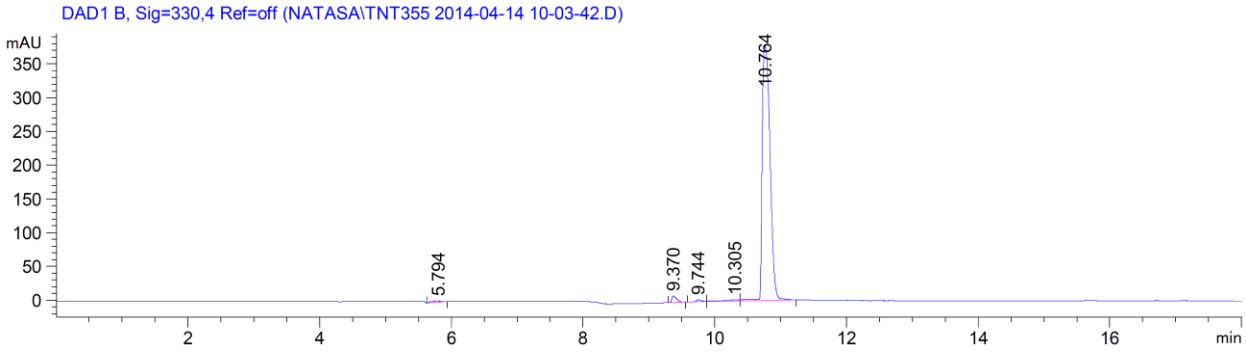
| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 8.311 | BV | 0.0398 | 7.59380 | 2.97707 | 0.0589 |
| 2 | 8.368 | VB | 0.0666 | 36.74483 | 7.64298 | 0.2848 |
| 3 | 8.647 | BV | 0.0808 | 1.28103e4 | 2499.53564 | 99.2819 |
| 4 | 8.988 | VV | 0.0709 | 13.35290 | 2.36549 | 0.1035 |
| 5 | 10.025 | BB | 0.0624 | 6.82693 | 1.32881 | 0.0529 |
| 6 | 10.320 | BB | 0.1178 | 9.85413 | 1.00186 | 0.0764 |
| 7 | 10.669 | BV | 0.0927 | 18.27894 | 2.51763 | 0.1417 |
| Totals : | | | | 1.29030e4 | 2517.36950 | |

**Sample Name: 76**




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 4.049 | BB | 0.1101 | 28.80257 | 3.26038 | 0.5488 |
| 2 | 7.670 | BV | 0.0576 | 77.58297 | 19.64593 | 1.4783 |
| 3 | 7.812 | VB | 0.0593 | 23.99956 | 5.91988 | 0.4573 |
| 4 | 7.933 | BV | 0.0464 | 17.76064 | 5.85165 | 0.3384 |
| 5 | 8.042 | VV | 0.0904 | 5050.73291 | 893.73773 | 96.2417 |
| 6 | 8.227 | VB | 0.0614 | 49.09044 | 10.82225 | 0.9354 |
| Totals : | | | | 5247.96908 | 939.23781 | |




Signal 2: DAD1 B, Sig=330,4 Ref=off

| Peak # | RetTime [min] | Type | Width [min] | Area [mAU*s] | Height [mAU] | Area % |
|---|---|---|---|---|---|---|
| 1 | 5.794 | BB | 0.1713 | 21.61463 | 1.48960 | 0.6656 |
| 2 | 9.370 | BB | 0.0735 | 51.32558 | 9.81311 | 1.5806 |
| 3 | 9.744 | BV | 0.0824 | 18.11879 | 2.98078 | 0.5580 |
| 4 | 10.305 | VV | 0.2076 | 38.49556 | 2.17899 | 1.1855 |
| 5 | 10.764 | VB | 0.1350 | 3117.72119 | 376.84497 | 96.0104 |
| Totals : | | | | 3247.27575 | 393.30746 | |