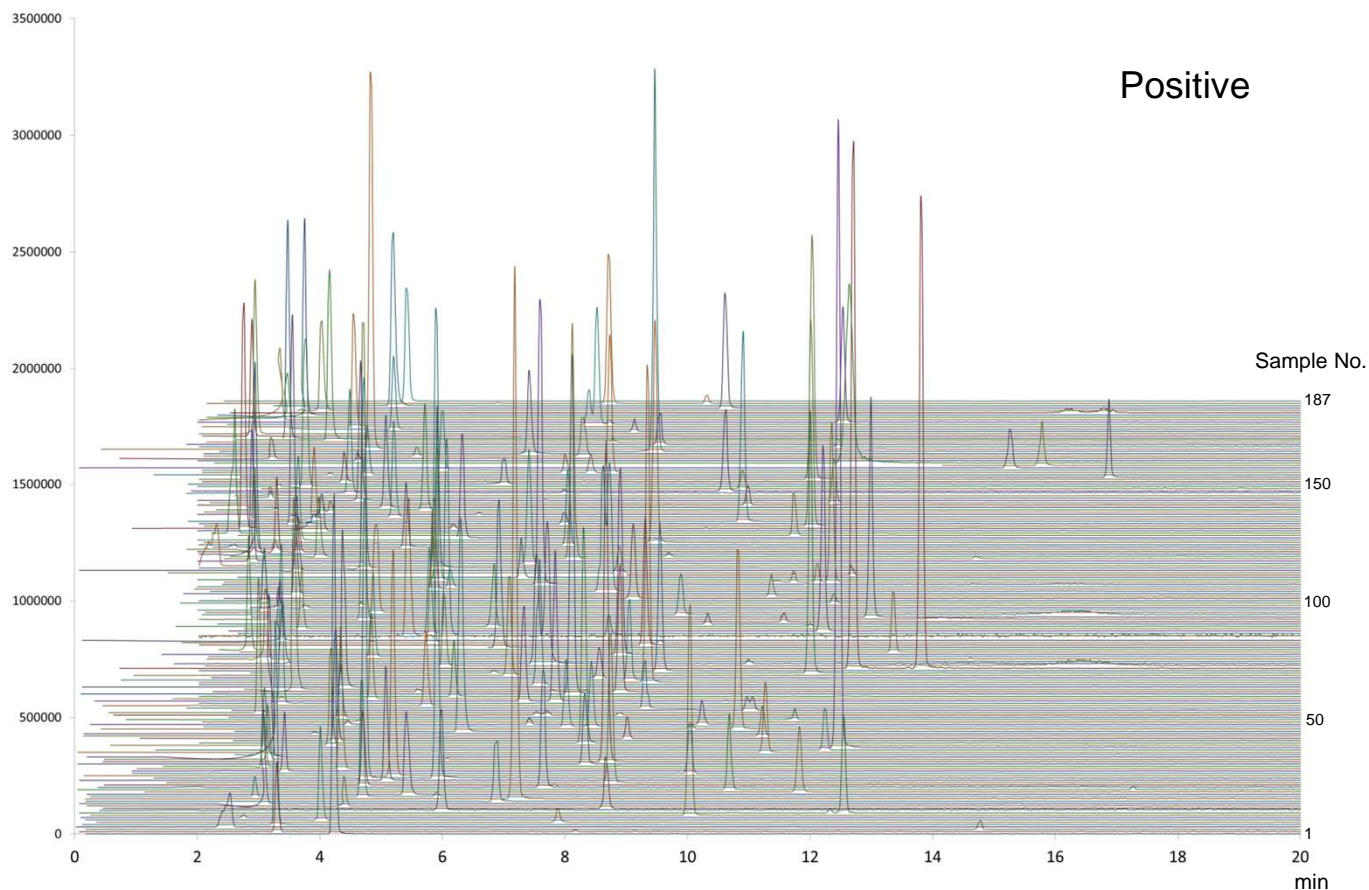


農薬の一斉分析(LC/MS) (2)

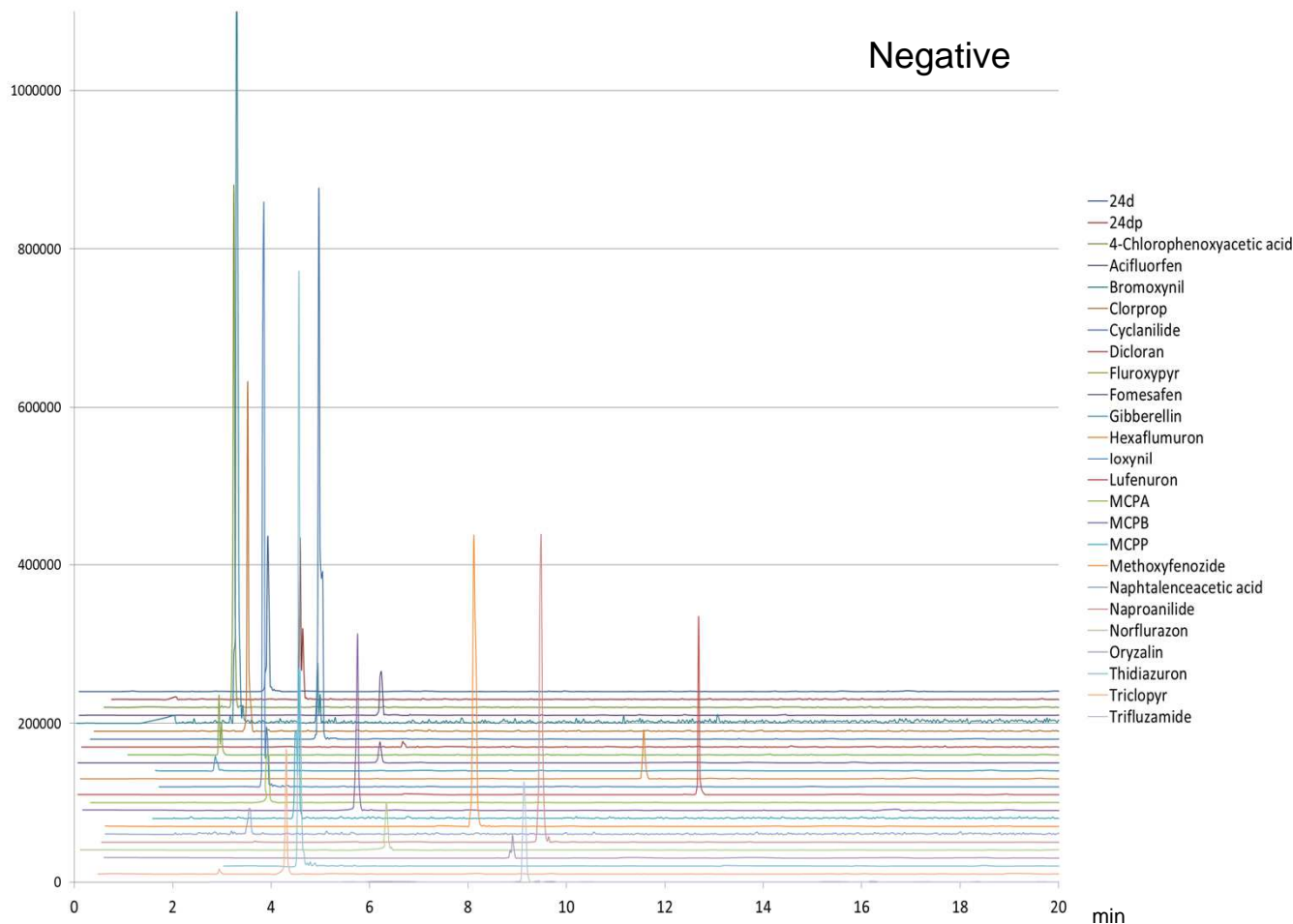
SunShell C18 2.6 μ m, 100 x 2.1 mm i.d.

Simultaneous Analysis of Pesticide (LC/MS) (2)



Sample

1. 1-Naphthylacetamide	33. Chrothianidin	64. Ethoxysulfuron	95. Imazalil	126. Naproanilide	157. Simetryn
2. 3-oh-Carbofuran	34. Cinosulfuron	65. Fenamidon	96. Imazamethabenz-methyl	127. Naptalam	158. Spinosyna
3. Abamection	35. Clodinafop acid	66. Fenamiphos	97. Imazaquin	128. Norflurazon	159. Spinosynd
4. Acephate	36. Clofentezine	67. Fenbuconazole	98. Imazosulfuron	129. Novaluron	160. Spiroxamine
5. Acetamiprid	37. Clomeprop	68. Fenhexamid	99. Imibenconazole debenzil	130. Ometoate	161. Sulfentrazone
6. Acibenzolar-s-methyl	38. Cloquintocet-methyl	69. Fenobucarb	100. Imibenconazole	131. Oxadixyl	162. Sulfosulfuron
7. Aldicarb	39. Cloransulam-methyl	70. Fenoxaprop-ethyl	101. Imidacloprid	132. Oxaryl	163. Tarlaxydim
8. Aldoxycarb	40. Cumyruon	71. Fenoxycarb	102. Indanofan	133. Oxaziclofomefone	164. Tcmtb
9. Anilofos	41. Cyanazine	72. Fenpyroximate	103. Indoxacarb	134. Oxycarboxin	165. Tebufenozide
10. Aramite	42. Cyazofamid	73. Fensulfothion	104. Iodosulfuron-methyl	135. Pencycufuron	166. Tebuthiuron
11. Atrazine	43. Cycloate	74. Ferimzone	105. Iprovalicarb	136. Penoxsulam	167. Teflubenzuron
12. Azafenidin	44. Cycloprothrin	75. Flazasulfuron	106. Isoprocarb	137. Pentoxazone	168. Tetrachlorvinphos
13. Azamethiphos	45. Cyclosulfamuron	76. Florasulam	107. Isoxaflutole	138. Phenmedhipham	169. Tetraconazole
14. Azimsulfuron	46. Cyflufenamide	77. Fluazifop	108. Isoxation-oxon	139. Phosphamidone	170. Thiabendazole
15. Azinphos-methyl	47. Cyproconazole	78. Flufenacet	109. Lactofen	140. Primicarb	171. Thiacloprid
16. Azoxystrobin	48. Cyprodinil	79. Flufenoxuron	110. Lenacil	141. Primisulfuron	172. Thiamethoxam
17. Bendiocarb	49. DDVP	80. Flumetsulam	111. Linuron	142. Prohydrojasmon	173. Thifensulfuron-methyl
18. Bensulfuron-methyl	50. Diallate	81. Fluridone	112. Lufenuron	143. Propaquizafop	174. Thifluzamide
19. Benzofenap	51. Dichlosulam	82. Flusilazole	113. Mepanipyrim	144. Propoxur	175. Thiodicarb
20. Bitteranol	52. Diclomezine	83. Flutriahol	114. Mesosulfuron-methyl	145. Propoxycarbazone	176. Tiazuron
21. Boscalid	53. Diclotoptos	84. Foramsulfuron	115. Methabenzthiazuron	146. Prosulfuron	177. Tiradimenol
22. Bromacil	54. Difenconazole	85. Forchlorfenuron	116. Methamidofos	147. Pyraqulion	178. Tolfenpyrad
23. Butafenacil	55. Diflubenzuron	86. Fostiazate	117. Methiocarb	148. Pyraclostrobin	179. Triasulfuron
24. Carbaryl	56. Dimethirimol	87. Furametpyr	118. Methomyl	149. Pyrazolynate	180. Tribenuron
25. Carbofuran	57. Dimethoate	88. Furathiocarb	119. Methoxyfenozide	150. Pyrazosulfuron-ethyl	181. Tricyclazole
26. Carboxin	58. Dimethomorph	89. Halosulfuron-methyl	120. Metosulam	151. Pyrifthalid	182. Tridemorph
27. Carpropamide	59. Dimeton-s-methyl	90. Haloxyfop	121. Metsulfuron-methyl	152. Quinoclamine	183. Trifloxysulfuron
28. Chloridazon	60. Diuron	91. Hexaconazole	122. Mevinphos	153. Quisalofop-ethyl	184. Triflumuron
29. Chlorimuron-ethyl	61. Dymuron	92. Hexaflumuron	123. Monocrotophos	154. Silafluofen	185. Triflusaluron
30. Chlorsulfuron	62. Epoxiconazole	93. Hexazinon	124. Monolinuron	155. Simazine	186. Triticonazole
31. Chlorxuron	63. Ethametsulfuron-methyl	94. Hexythiazox	125. Myclobutanil	156. Simeconazole	187. XMC
32. Chromafenozide					



By courtesy of AiSTI SCIENCE CO.,Ltd.

HPLC condition

Column: SunShell C18 2.6 μm , 100 x 2.1 mm

Mobile phase: A) 0.5 mM Ammonium acetate in H_2O

B) 0.5 mM Ammonium acetate in CH_3OH

A/B = 95/5 – 1 min – 50/50 – 14 min – 2/98 – 5 min – 2/98 – 0.1 min – 95/5 – (Equilibrating, 10 min), v/v

Flow rate: 0.2 mL/min

Temperature: 40 $^{\circ}\text{C}$

Detection: LC/MS/MS (QTRAP[®]4500: ESI, MRM)

Injection volume: 5 μL (STD 10ppb)