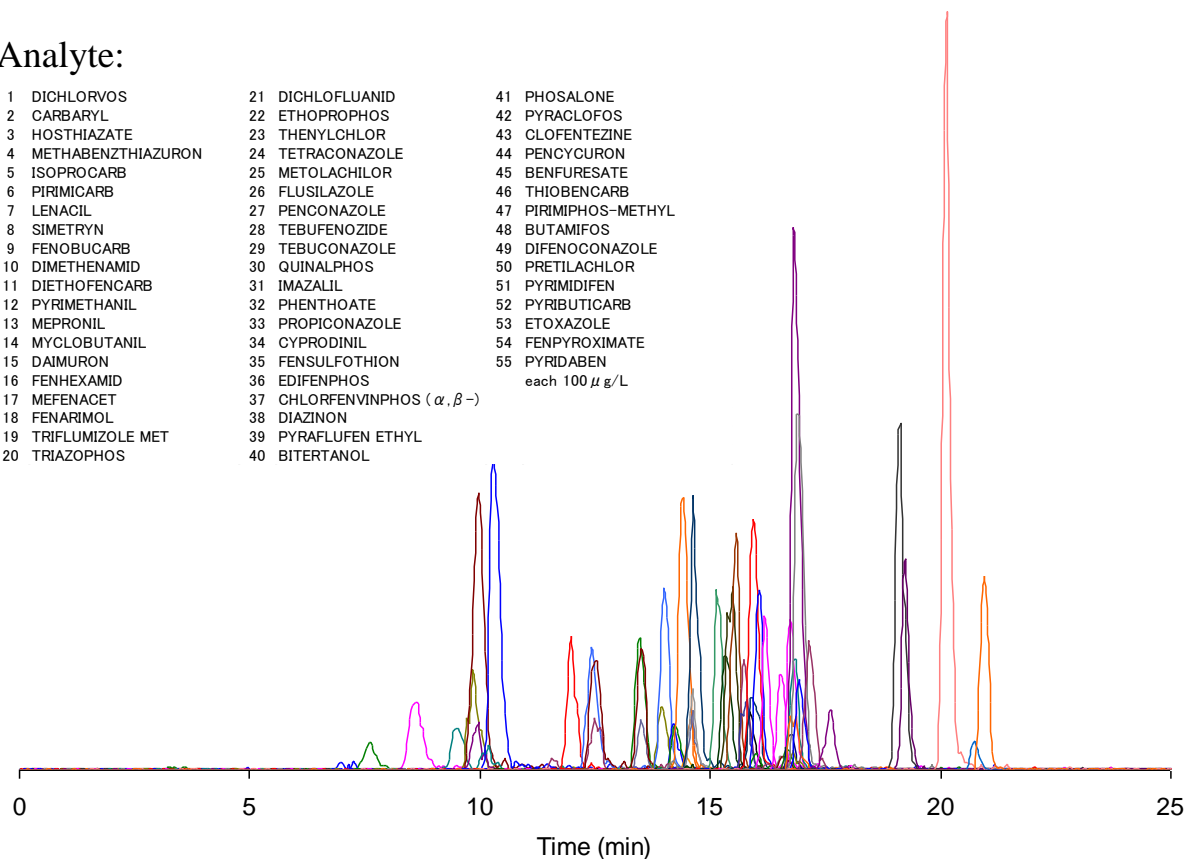


Analysis of 55 kinds of Pesticides

Analyte:

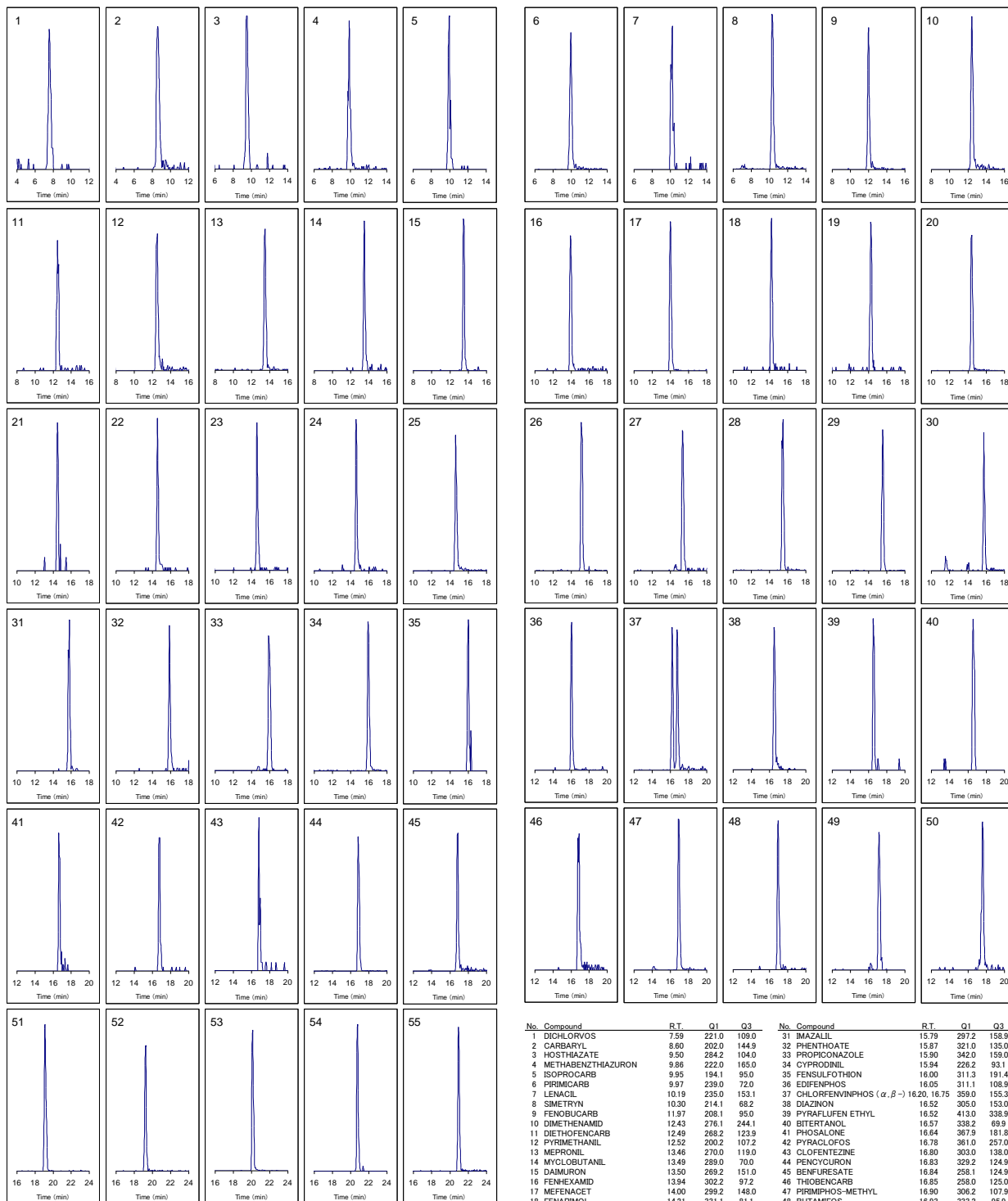
1 DICHLORVOS	21 DICHLOFLUANID	41 PHOSALONE
2 CARBARYL	22 ETHOPROPHOS	42 PYRACLOFOS
3 HOSTHIAZATE	23 THENYLCHLOR	43 CLOFENTEZINE
4 METHABENZTHIAZURON	24 TETRACONAZOLE	44 PENYCUCURON
5 ISOPROCARB	25 METOLACHILOR	45 BENFURESATE
6 PIRIMICARB	26 FLUSILAZOLE	46 THIOMBENCARB
7 LENACIL	27 PENCONAZOLE	47 PIRIMPHOS-METHYL
8 SIMETRYN	28 TEBUFENOZIDE	48 BUTAMIFOS
9 FENOBU CARB	29 TEBUCONAZOLE	49 DIFENOCONAZOLE
10 DIMETHENAMID	30 QUINALPHOS	50 PRETILACHLOR
11 DIETHOFENCARB	31 IMAZALIL	51 PYRIMIDIFEN
12 PYRIMETHANIL	32 PHENTHOATE	52 PYRIBUTICARB
13 MEPRONIL	33 PROPICONAZOLE	53 ETOXAZOLE
14 MYCLOBUTANIL	34 CYPRODINIL	54 FENPYROXIMATE
15 DAIMURON	35 FENSULFOTHION	55 PYRIDABEN
16 FENHEXAMID	36 EDIFENPHOS	each 100 μg/L
17 MEFENACET	37 CHLORFENVINPHOS (α,β-)	
18 FENARIMOL	38 DIAZINON	
19 TRIFLUMIZOLE MET	39 PYRAFLUFEN ETHYL	
20 TRIAZOPHOS	40 BITERTANOL	



Conditions

System	: Symbiosis Pharma system
Column	: Inertsil ODS-SP (3 μm, 50 x 2.1 mm I.D)
Column Cat. No.:	5020-02812
Eluent	: A) CH ₃ OH B) 2 mM CH ₃ COONH ₄ A/B = 30/70 - 20 min. - 90/10, v/v
Flow Rate	: 0.2 mL/min
Col. Temp.	: 40 °C
Detection	: LC/MS/MS (ESI, Pos., MRM, Q1/Q3 conditions were in Supplemental Data)
Injection Vol.	: 10 μL
Analyte	: Pesticides

Analysis of 55 kinds of Pesticides Supplemental Data



No.	Compound	RT	Q1	Q3	No.	Compound	RT	Q1	Q3
1	DICHLORVOX	7.59	221.0	109.0	31	IMAZALIL	15.79	297.2	158.9
2	CARBARYL	8.60	202.0	144.9	32	PHENTHOATE	15.87	321.0	155.0
3	HOSHTHAZATE	9.50	284.2	104.0	33	PROPICONAZOLE	15.90	242.0	159.0
4	METHABENZTHIAZURON	9.86	222.0	165.0	34	CYPRODINIL	15.94	282.2	93.1
5	ISOPROCARB	9.95	194.1	95.0	35	FENSULFOTHION	16.00	311.3	181.4
6	PIRIMICARB	9.97	239.0	72.0	36	EDIFENPHOS	16.05	311.1	108.9
7	LENACIL	10.19	235.0	153.1	37	CHLORFENVINPHOS (α,β-)	16.20, 16.75	359.0	155.3
8	SIMETRIN	10.30	214.1	88.2	38	DIAZINON	16.52	305.0	153.0
9	FENOBUCARB	11.97	208.1	95.0	39	PYRAFLUFEN ETHYL	16.52	413.0	338.9
10	DIMETHENAMID	12.43	276.1	244.1	40	BITERTANOL	16.57	338.2	69.9
11	DIETHOFENCARB	12.49	268.2	123.9	41	PHOSALONE	16.64	367.9	181.8
12	PYRIMETHANIL	12.52	200.2	107.2	42	PYRACLOFOS	16.78	381.0	257.0
13	MEPPONIL	13.46	270.0	119.0	43	CLOFENTEZINE	16.80	303.0	138.0
14	MYCLOBUTANIL	13.49	289.0	70.0	44	PENCYCURON	16.83	329.2	124.9
15	DAIMURON	13.50	269.2	151.0	45	BENFURESATE	16.84	258.1	124.9
16	FENHEXAMID	13.94	302.2	97.2	46	THIOBENCARB	16.85	258.0	125.0
17	MEFENACET	14.00	259.2	148.0	47	PRIMAPHOS-METHYL	16.90	306.2	107.9
18	FENARIMOL	14.21	331.1	81.1	48	BUTAMFOS	16.93	333.2	95.9
19	TRIFLUMIZOLE MET	14.25	295.1	73.2	49	DIFENCONAZOLE	17.14	406.0	251.0
20	TRIAZOPHOS	14.40	314.1	162.0	50	PYRETHACHLOR	17.60	312.1	251.9
21	DICHLORFLUANID	14.46	333.0	123.9	51	PYRIMIDIFEN	19.10	378.1	194.0
22	ETHOPROPHOS	14.56	243.1	130.9	52	PYRIBUTICARB	19.24	331.2	181.1
23	THENYLCHLOR	14.61	324.1	126.9	53	ETOXAZOLE	20.12	360.1	140.8
24	TETRACONAZOLE	14.61	372.0	158.9	54	FENPYROXIMATE	20.74	422.1	366.0
25	METOLACHLOR	14.63	294.2	252.1	55	PYRDAZEN	20.95	365.0	147.2
26	FLUSILAZOLE	15.14	316.2	165.1					
27	PENCONAZOLE	15.33	284.0	159.0					
28	TEBUPENOZIDE	15.48	353.3	133.2					
29	TEBUCONAZOLE	15.55	308.1	70.0					
30	QUINALPHOS	15.75	299.2	147.2					