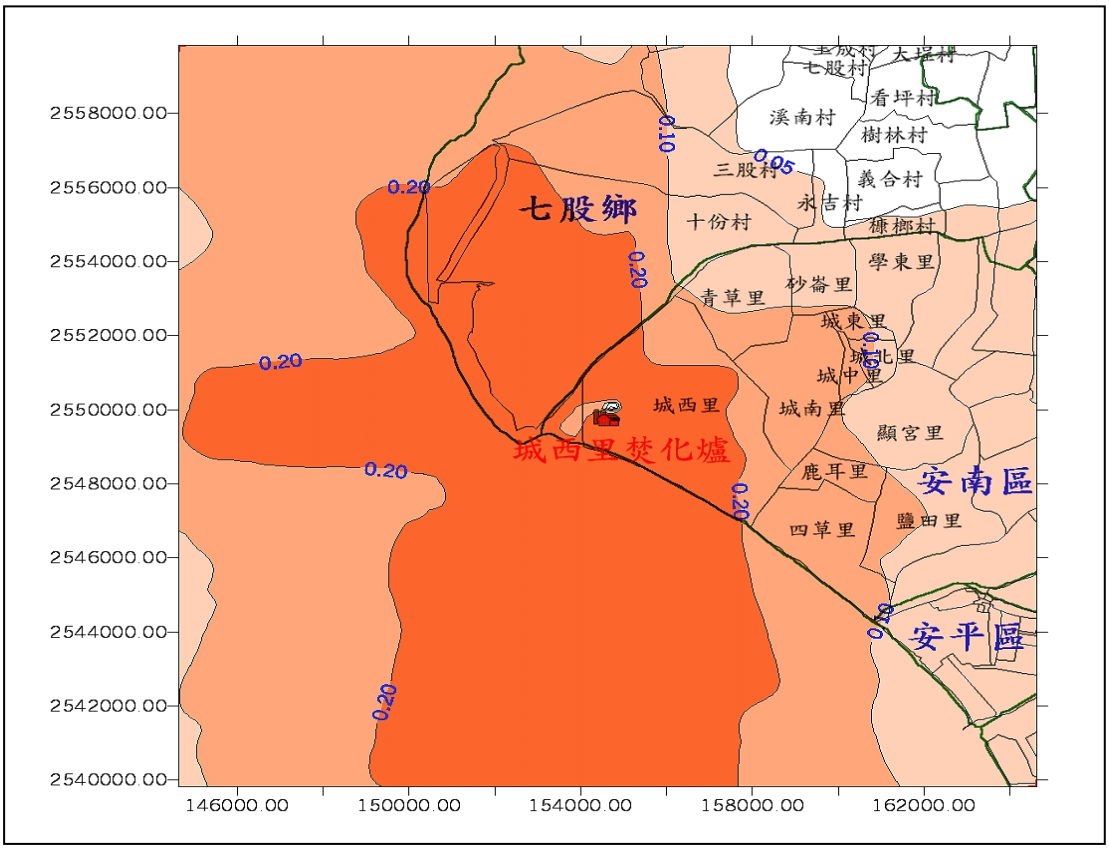


圖 1-1-1 台南市城西里垃圾焚化爐空氣中戴奧辛毒性當量濃度

(fg I-TEQ/Nm^3)的擴散模擬圖

備註：面積由民國 92 年航照圖估算或公告地號面積計算。

圖1-1-2場址已公告污染範圍分區示意圖

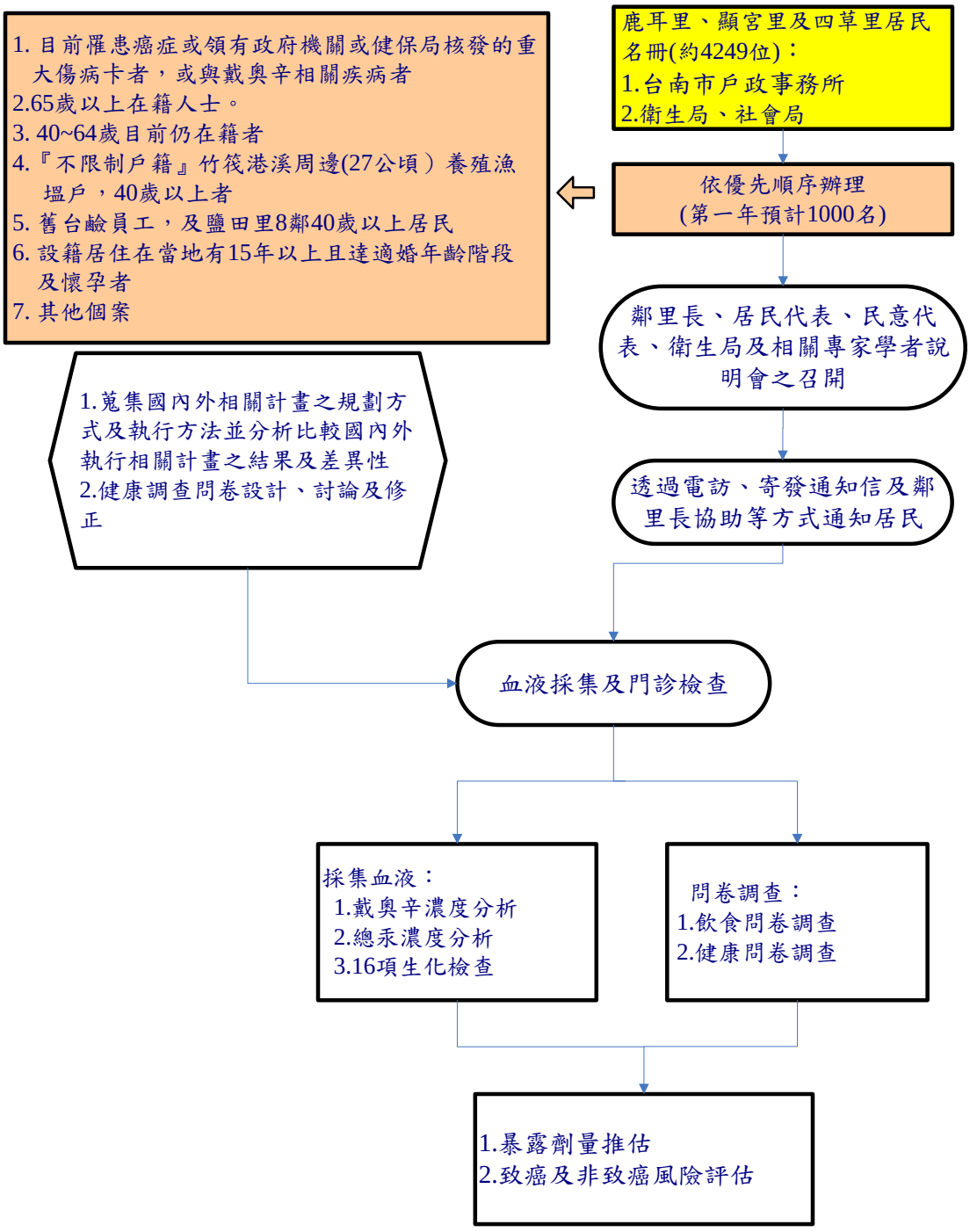
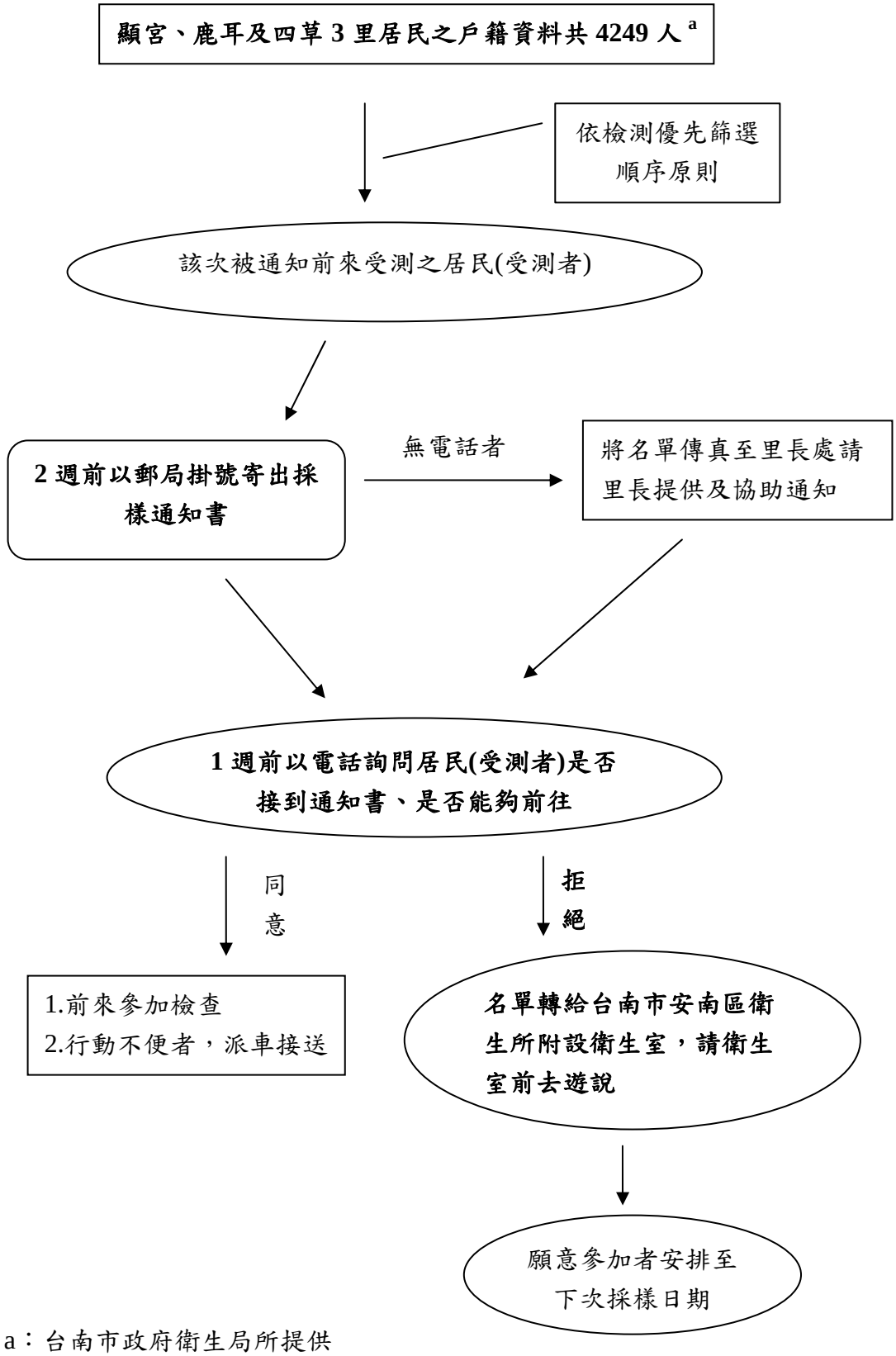


圖3-1-1 本計劃研究架構



a：台南市政府衛生局所提供

圖3-4-1 採樣對象通知流程圖

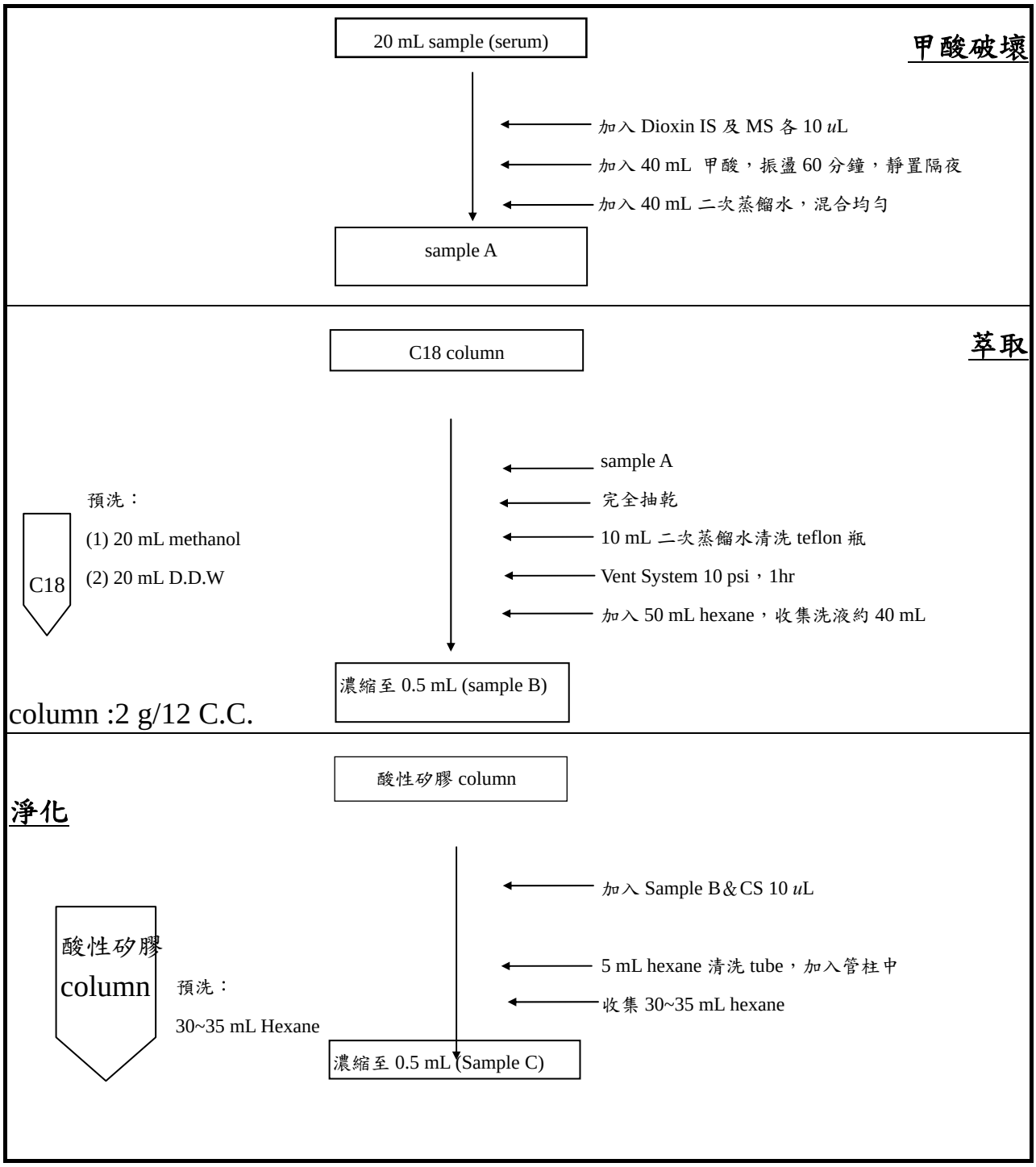


圖3-4-2 本研究計畫血液前處理流程圖

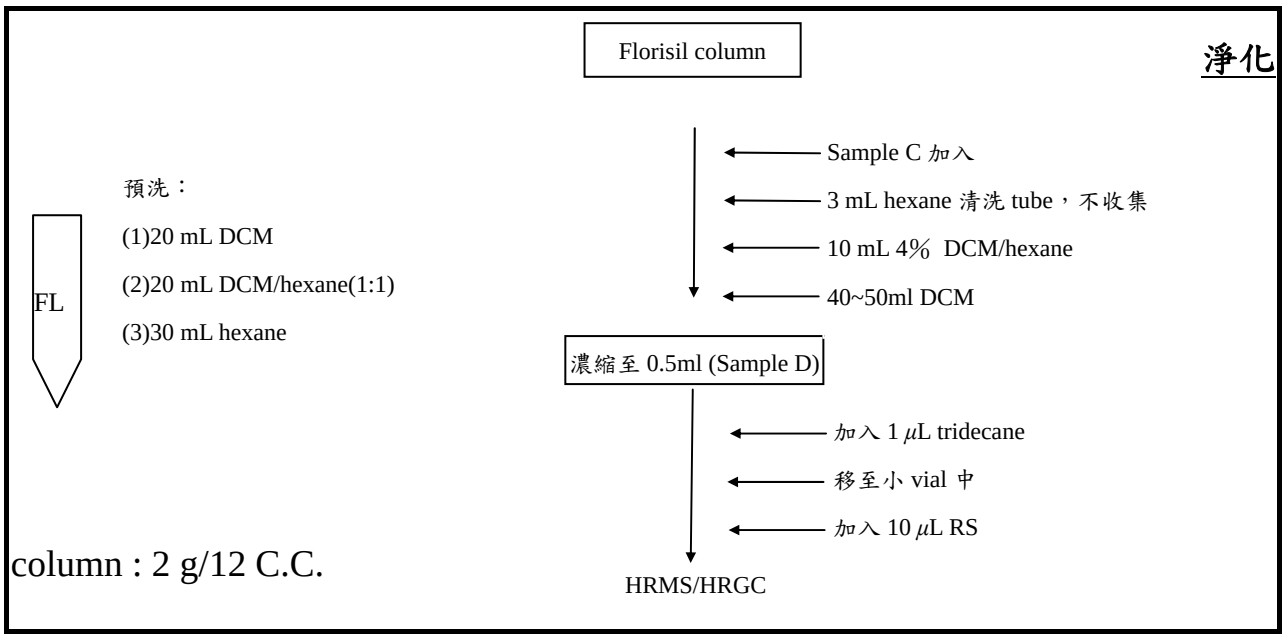


圖 3-4-2 本研究計畫血液前處理流程圖(續)

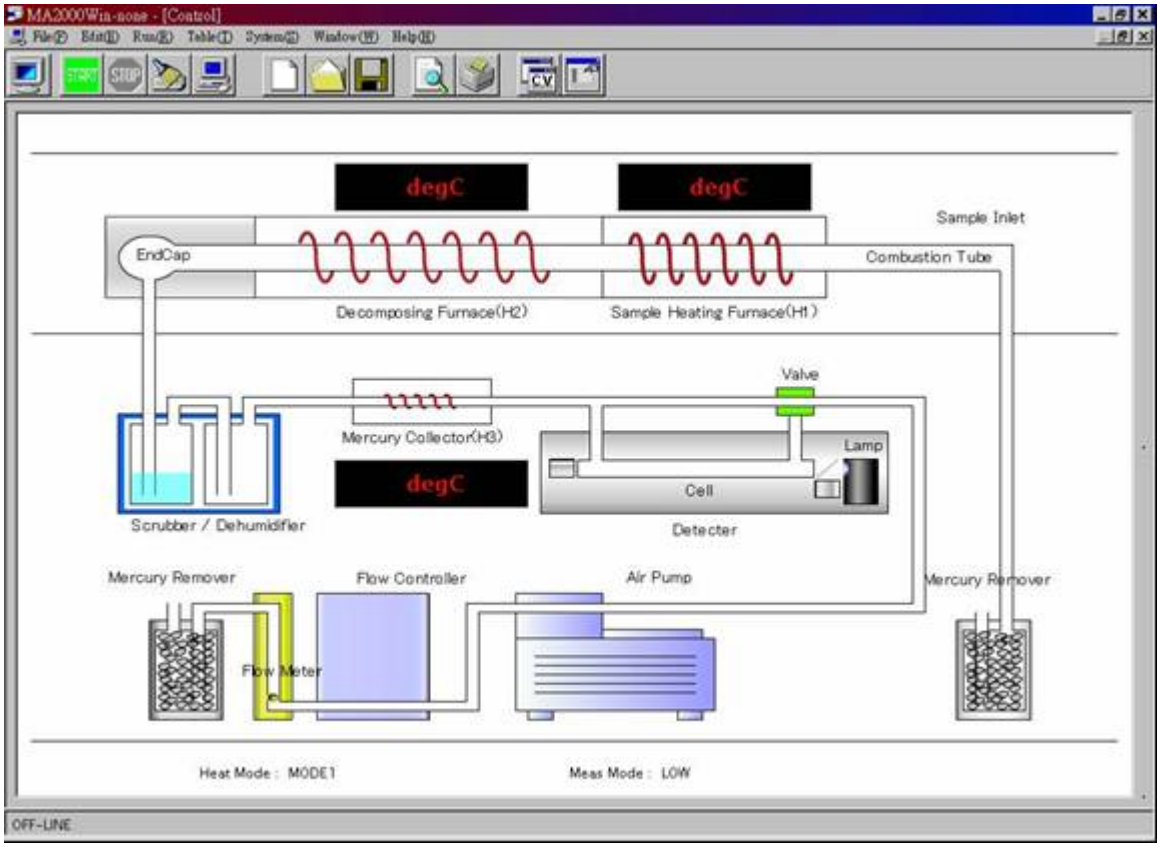


圖3-4-3 總汞分析儀元件配置圖

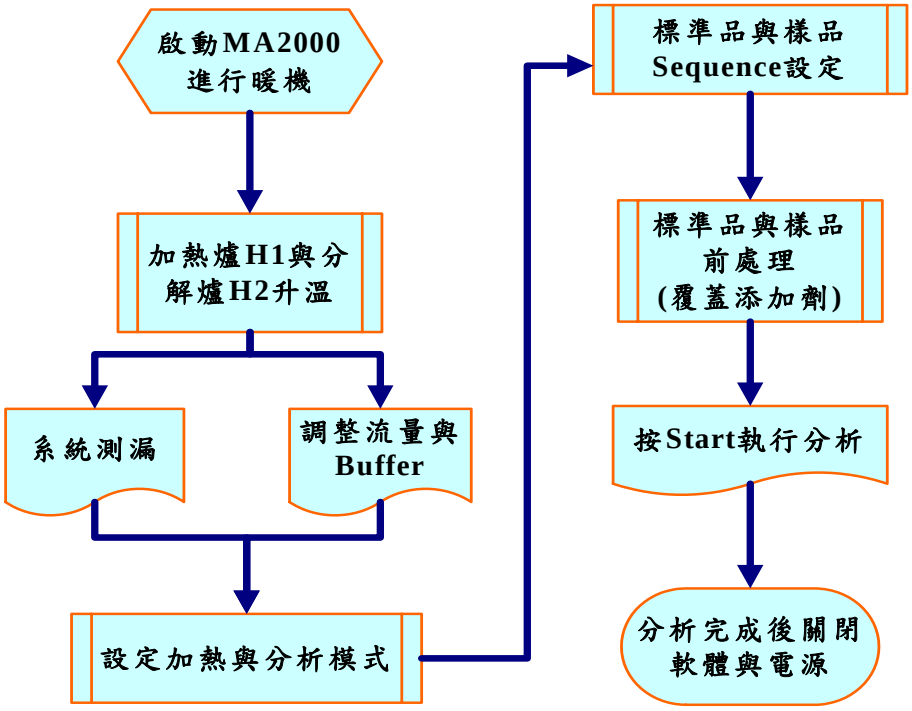


圖3-4-4 總汞分析儀操作流程

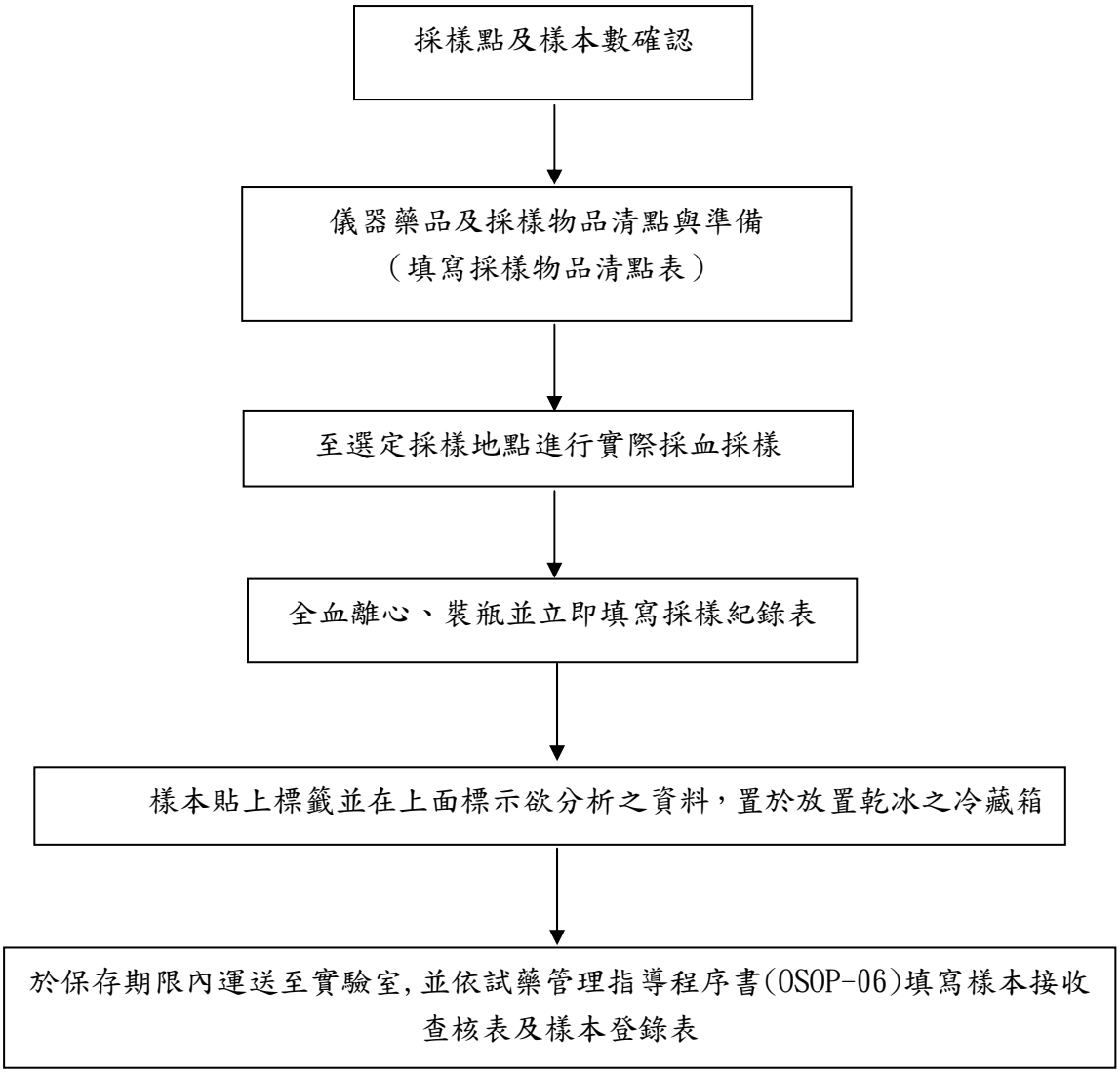


圖3-7-1 本研究計畫採樣作業圖表流程

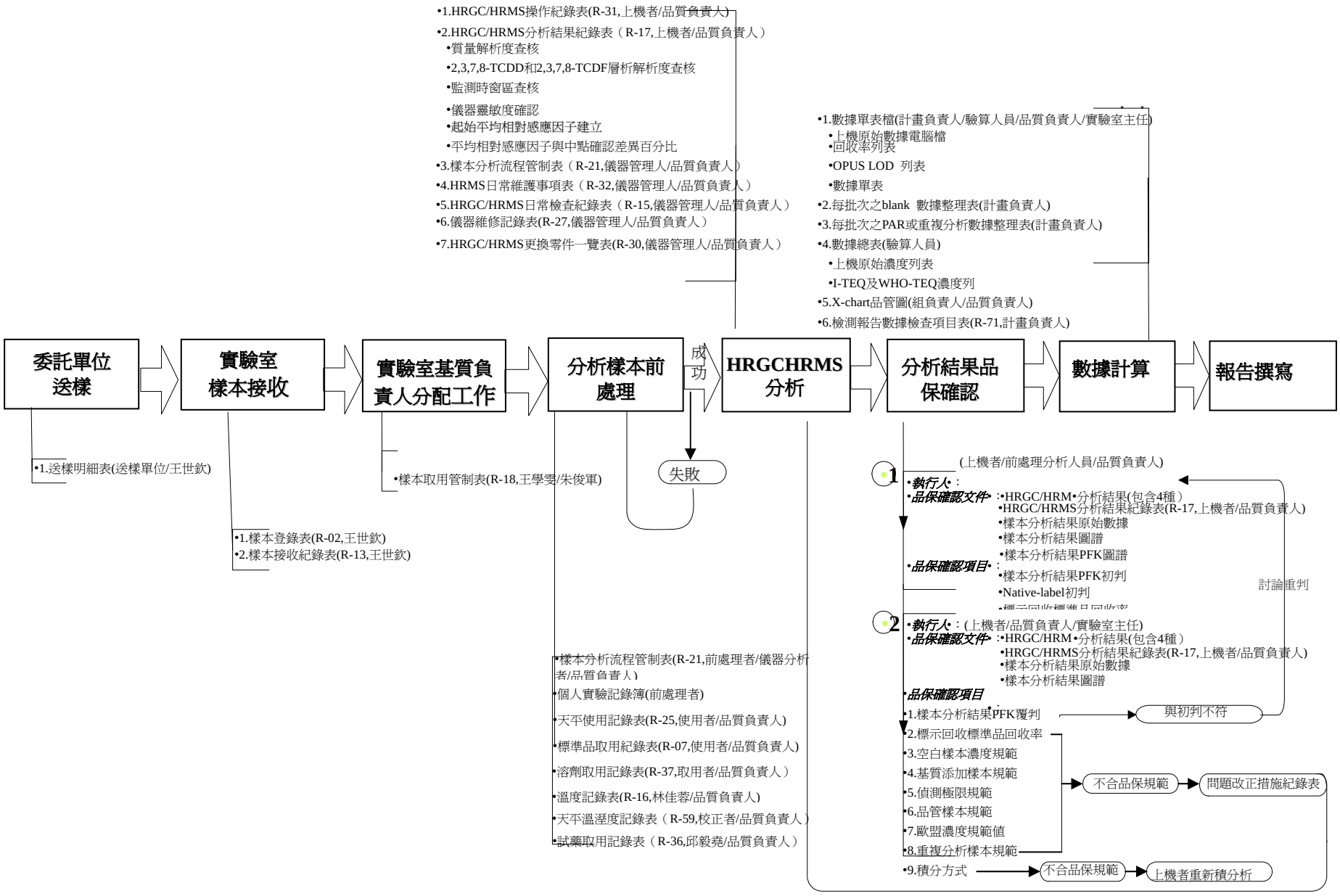


圖3-7-2 樣本檢驗品保流程圖

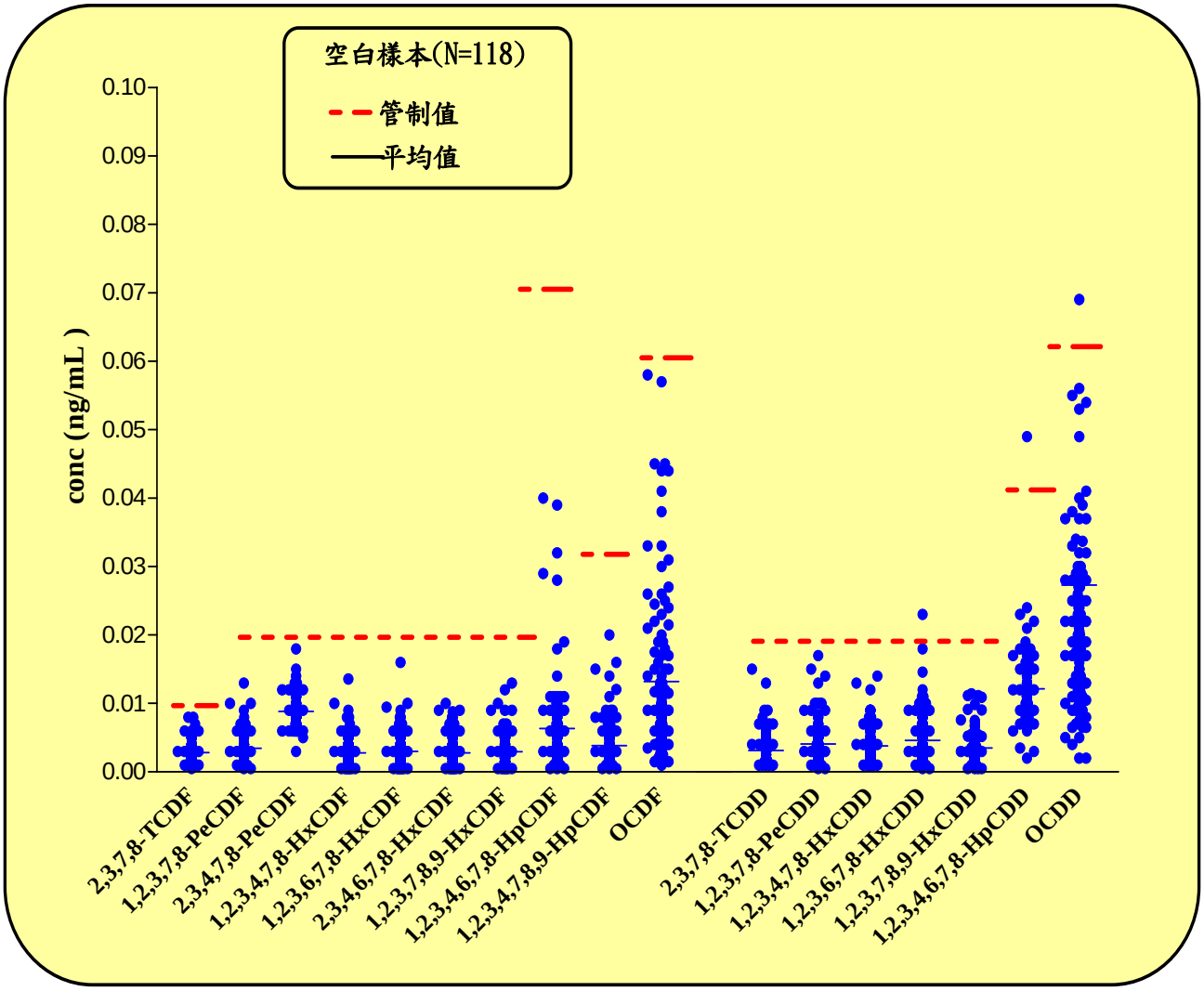


圖3-7-3 本計畫空白樣本原始上機濃度17種戴奧辛/呋喃同源物管制結果(不符合規範之樣本均經品管會議決議註記出報告)

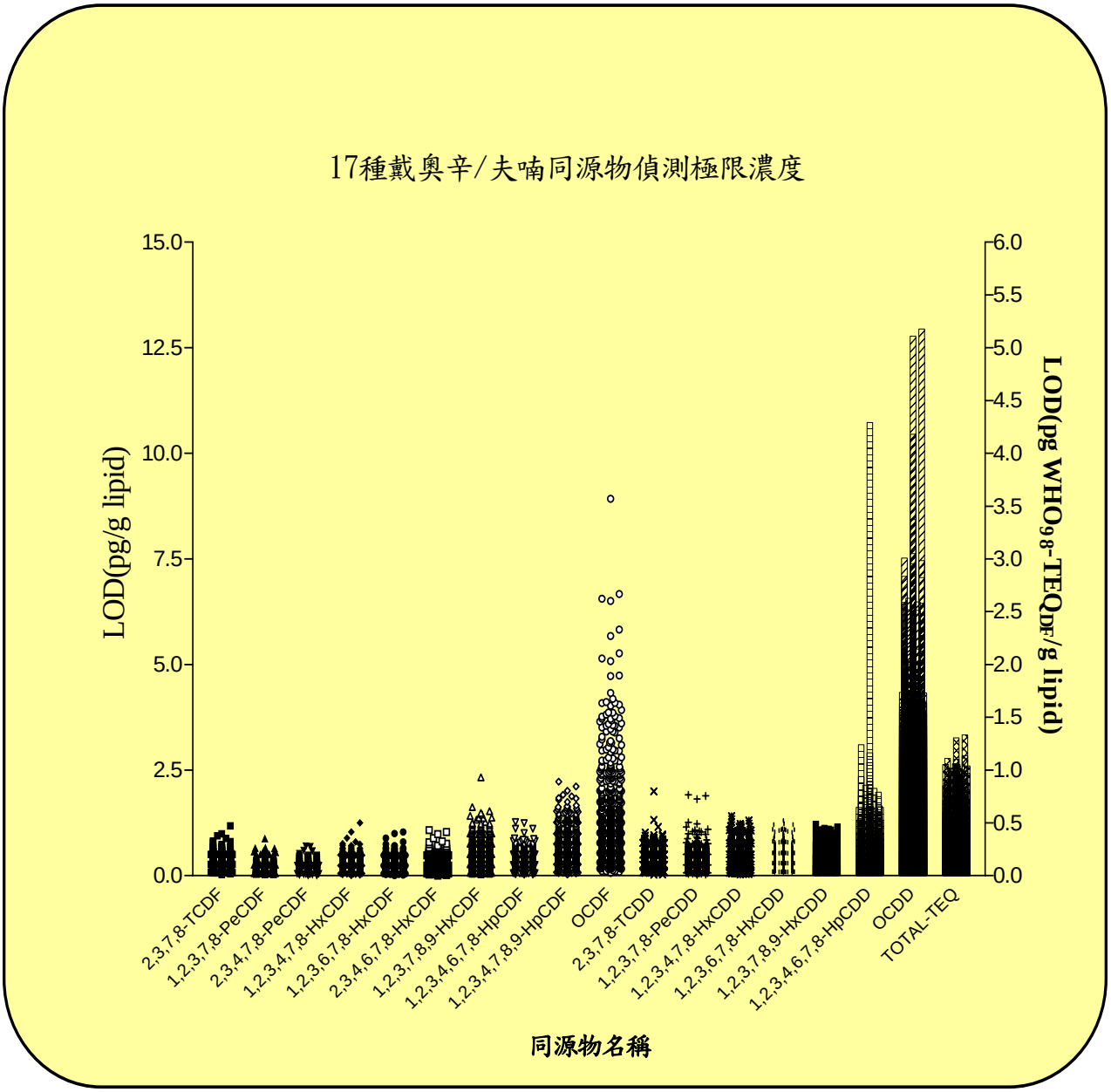


圖3-7-4 本計畫17種戴奧辛/呋喃同源物偵測極限總毒性當量濃度管制結果

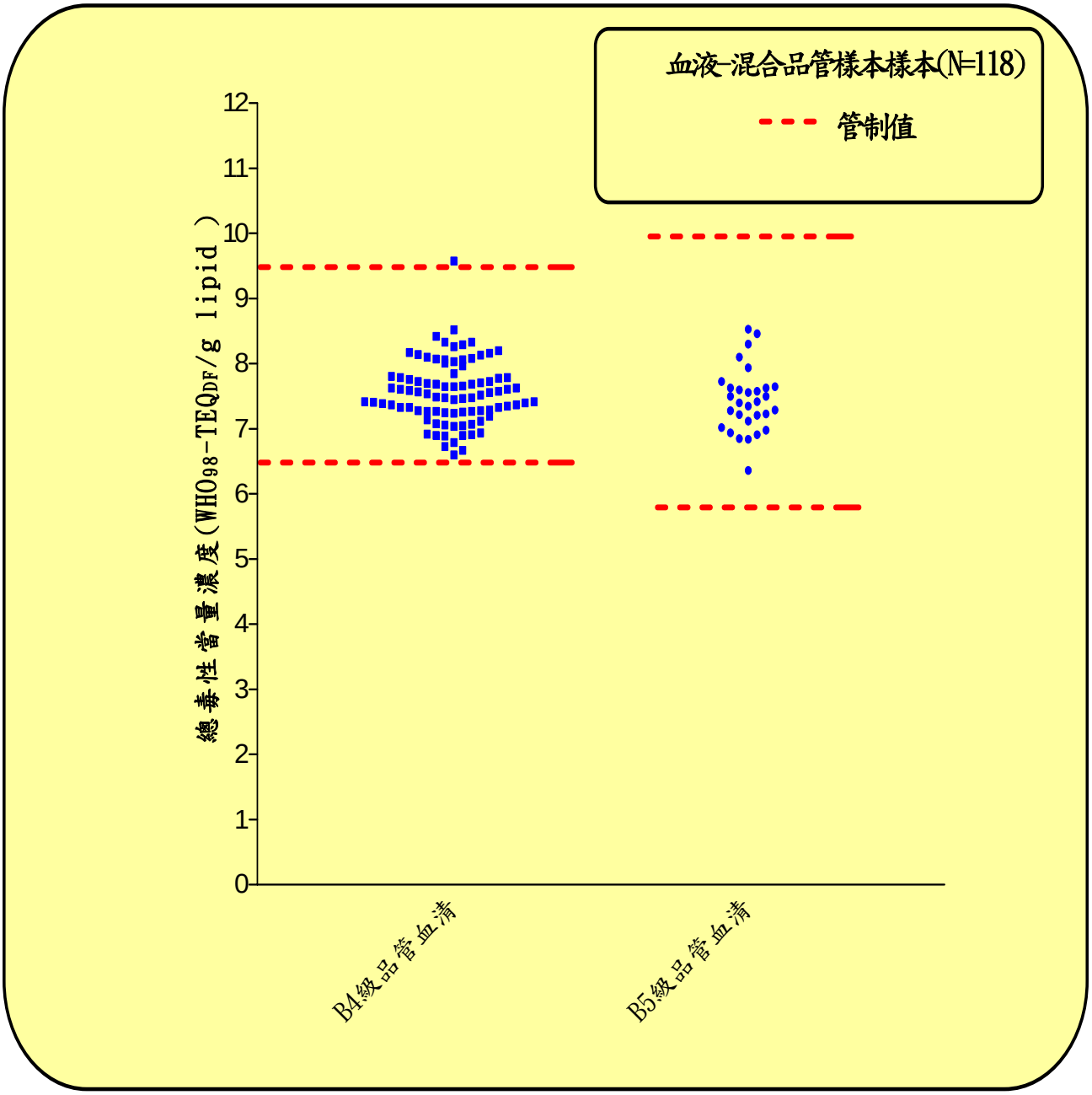


圖3-7-5 本計畫混合血清17種戴奧辛/呋喃同源物總毒性當量濃度(不符合管制標準樣本均經品管會議決議後註記出報告)

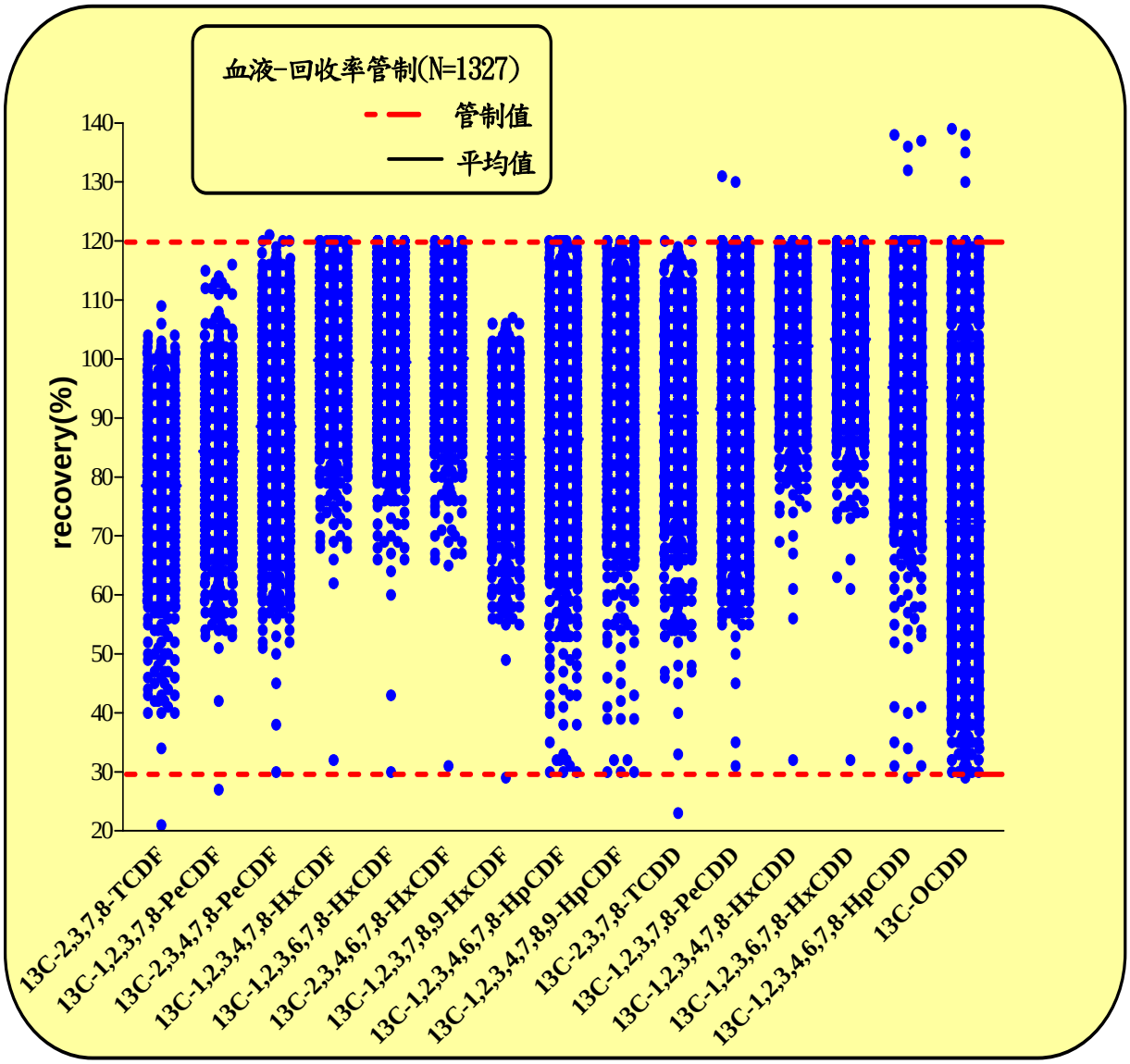


圖 3-7-6 本計畫樣本分析 17 種戴奧辛/呋喃同源物同位素標 記標準品回收率管制結果(回收率不符合管制標準均經品管會議決議後註記出報告)

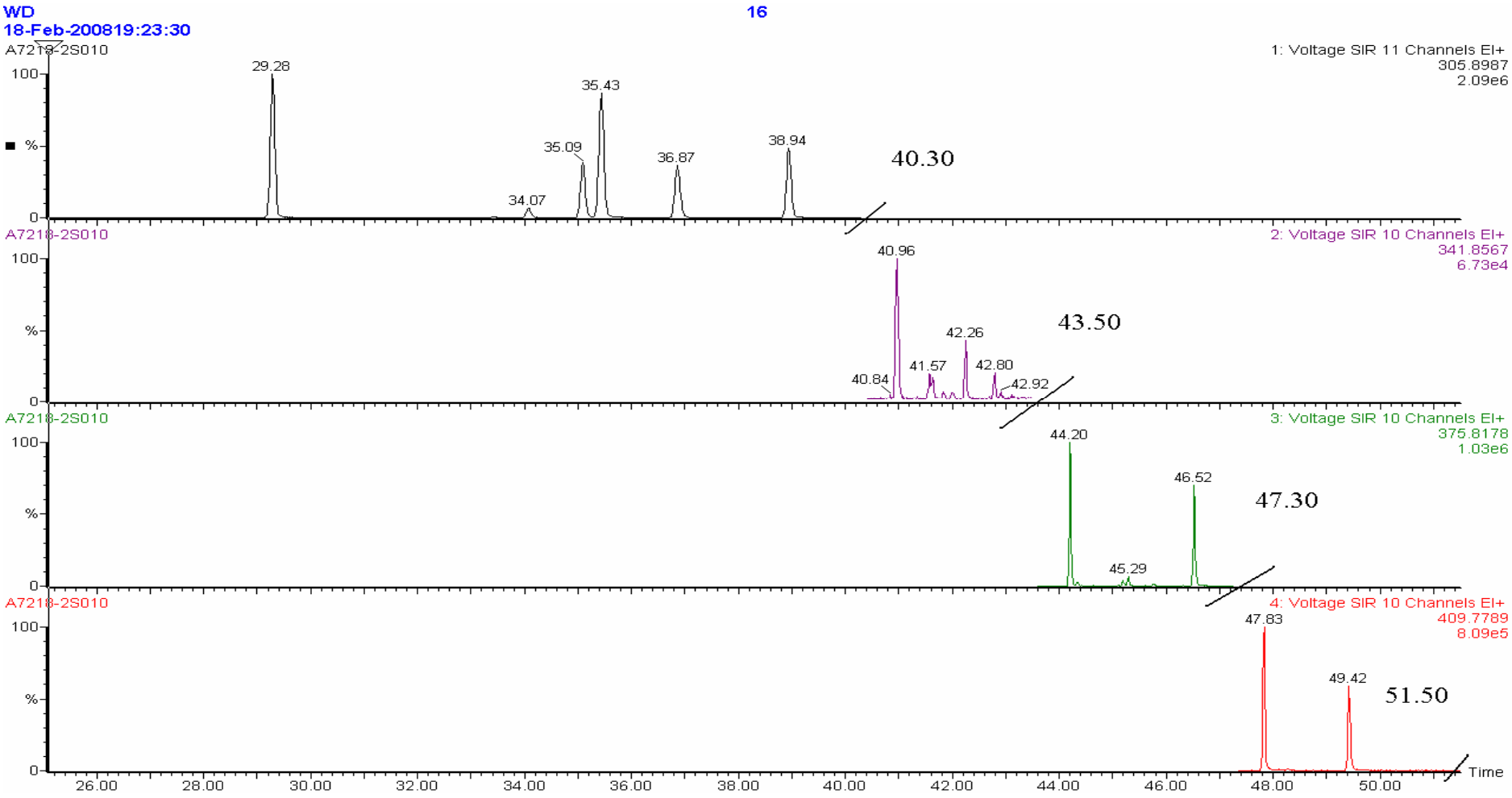


圖3-7-7 本計畫十七種多氯戴奧辛/呋喃同源物監測時窗區查核執行結果之一

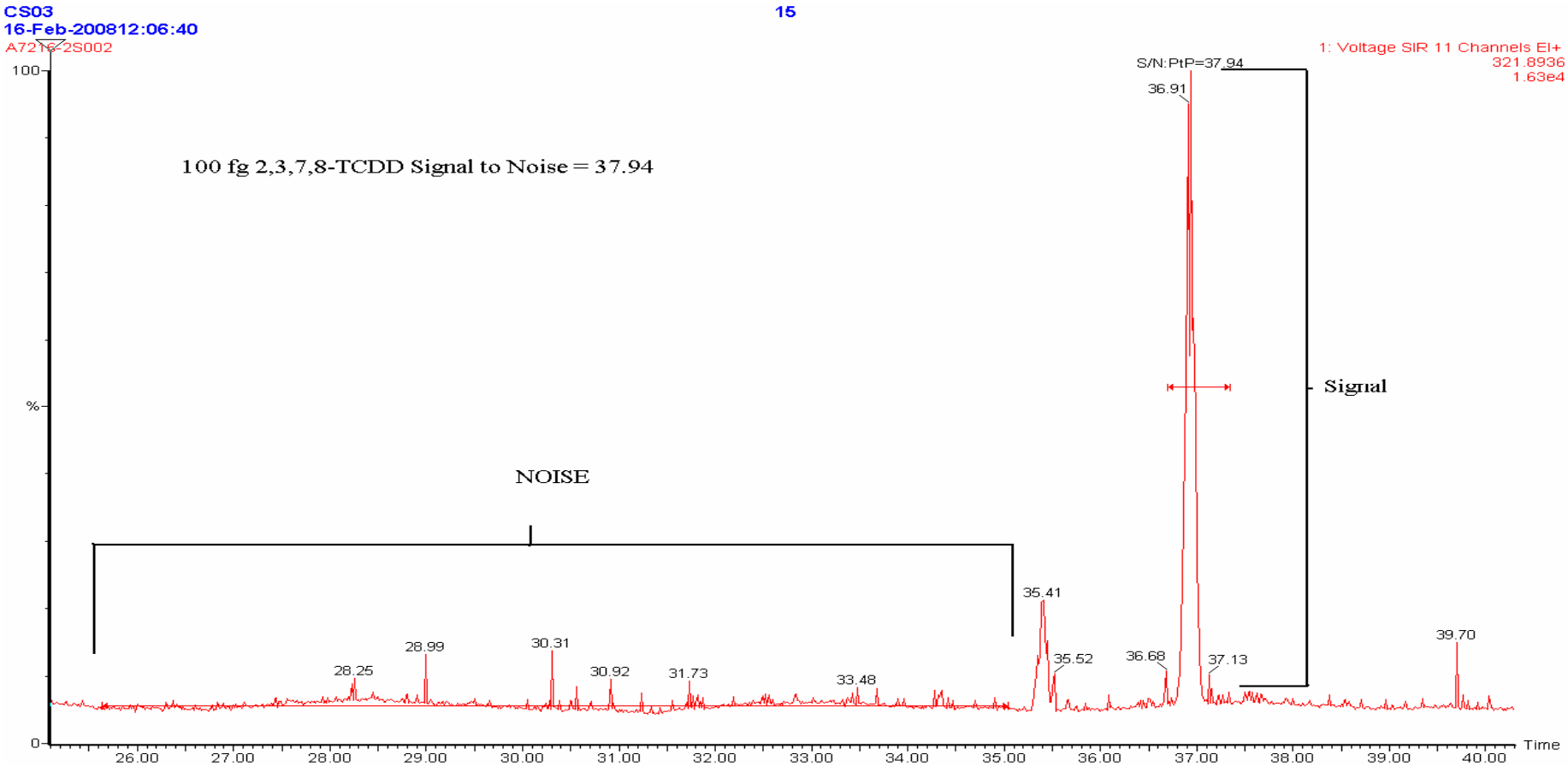


圖3-7-8 本計畫十七種多氯戴奧辛/呋喃同源物儀器靈敏度確認結果之一

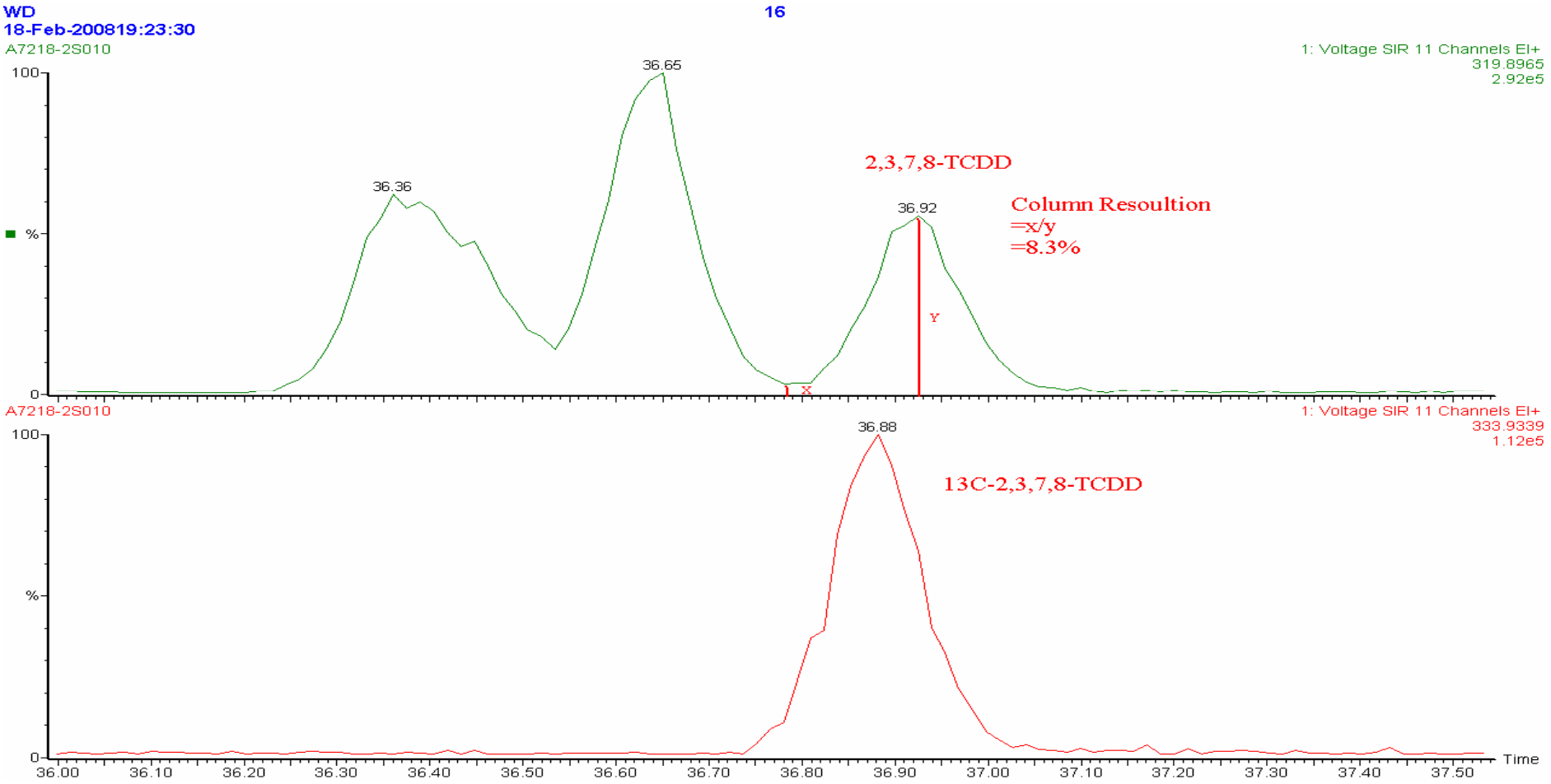


圖3-7-9 本計畫十七種多氯戴奧辛/呋喃同源物層析解析度執行結果之一

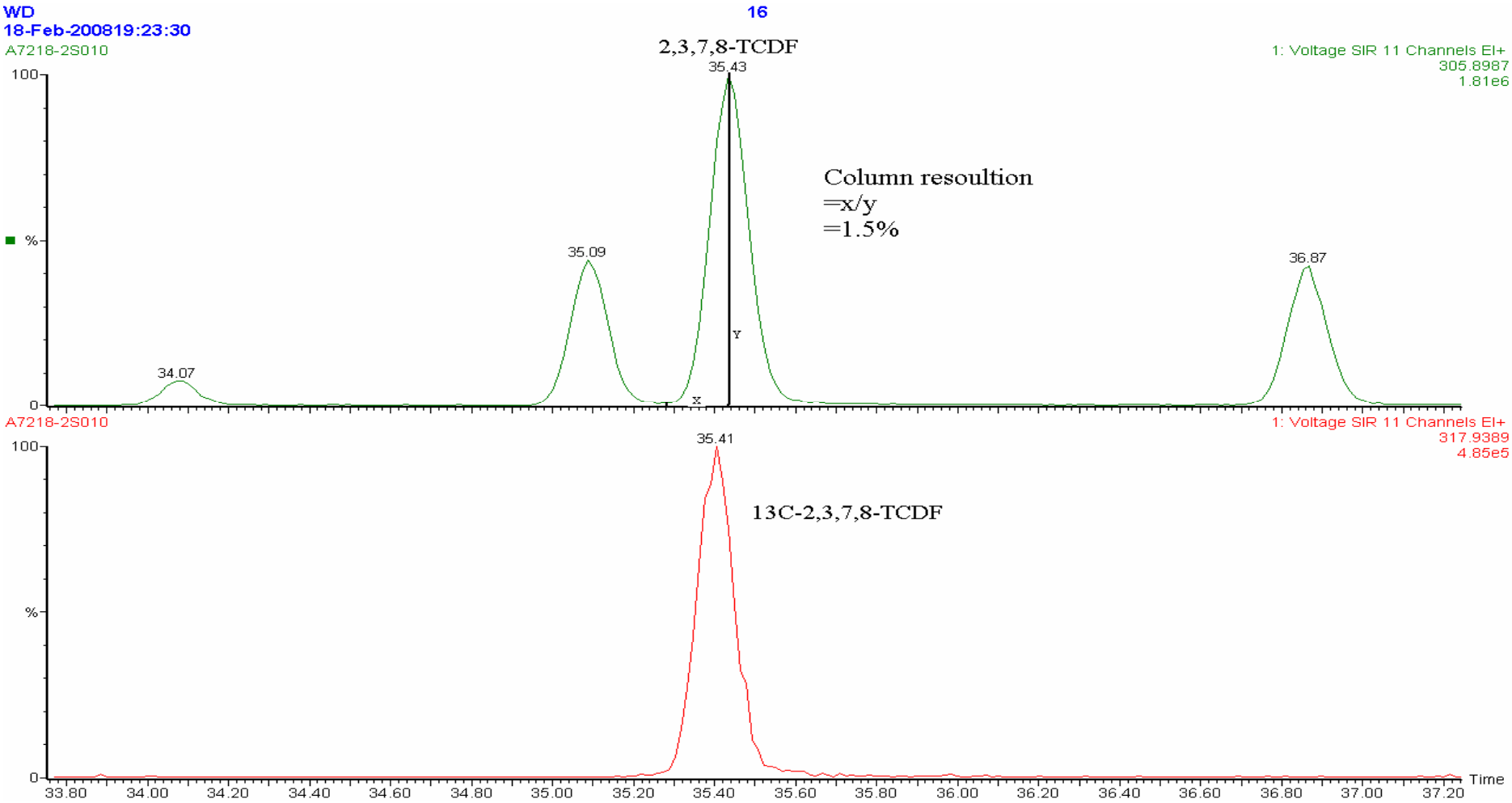


圖3-7-10 本計畫十七種多氯戴奧辛/呋喃同源物層析解析度執行結果之一

Sample Name: A7216-2S002 Sample ID: CS03
Acq.Date 16-Feb-08
Method: D:\MASSLYNX\PROJECT\M1613\A7216-2.PRO\MethDB\NIEA M1613A7216-2MDB
Sample List: D:\MASSLYNX\PROJECT\M1613\A7216-2.PRO\SampleDB\A7216-2CAL

	Type	Name	Amount	Area	RA	Ratio Flag	RT	RRF	MODIFIED	RRF Mean	%RSD	S/N	Sec. S/N
1	Unk	2,3,7,8-TCDF	0.05	3929.33	0.80	YES	35.43	0.97	bb	0.953	3.23	134.52	306.928
2	Unk	1,2,3,7,8-PeCDF	0.25	19840.621	1.50	YES	42.01	1.00	dd	1.039	2.67	740.854	536.935
3	Unk	2,3,4,7,8-PeCDF	0.25	19848.317	1.60	YES	42.89	1.04	bb	1.036	2.30	786.346	563.804
4	Unk	1,2,3,4,7,8-HxCDF	0.25	17385.494	1.30	YES	45.20	1.16	bd	1.211	3.20	780.656	738.503
5	Unk	1,2,3,6,7,8-HxCDF	0.25	19425.902	1.30	YES	45.31	1.10	db	1.150	3.49	846.148	792.717
6	Unk	2,3,4,6,7,8-HxCDF	0.25	17426.983	1.30	YES	45.78	1.17	bd	1.236	3.80	800.77	689.823
7	Unk	1,2,3,7,8,9-HxCDF	0.25	15767.329	1.30	YES	46.51	1.06	bb	1.119	3.27	687.207	609.568
8	Unk	1,2,3,4,6,7,8-HpCDF	0.25	18502.829	1.00	YES	47.85	1.35	bb	1.382	2.29	461.135	784.682
9	Unk	1,2,3,4,7,8,9-HpCDF	0.25	14020.323	1.00	YES	49.44	1.23	bb	1.260	2.88	345.562	521.975
10	Unk	OCDF	0.5	21034.644	0.90	YES	52.42	1.22	bb	1.236	3.09	648.041	659.41
11	Unk	2,3,7,8-TCDD	0.05	2657.544	0.80	YES	36.92	0.98	db	0.907	4.72	132.07	136.38
12	Unk	1,2,3,7,8-PeCDD	0.25	11072.071	1.60	YES	43.15	0.94	bd	0.926	3.95	674.543	1052.827
13	Unk	1,2,3,4,7,8-HxCDD	0.25	10135.937	1.30	YES	45.90	0.85	dd	0.864	2.84	255.563	206.669
14	Unk	1,2,3,6,7,8-HxCDD	0.25	11660.659	1.30	YES	46.00	0.86	dd	0.873	1.92	247.093	190.868
15	Unk	1,2,3,7,8,9-HxCDD	0.25	10906.385	1.20	YES	46.21	0.85	dd	0.895	2.15	251.33	212.223
16	Unk	1,2,3,4,6,7,8-HpCDD	0.25	11572.54	1.00	YES	48.87	1.12	bb	1.103	0.95	514.12	479.509
17	Unk	OCDD	0.5	17368.393	0.90	YES	52.17	1.01	bd	1.029	2.46	1034.302	615.629
18	IS/RT	13C-2,3,7,8-TCDF	50	4065903.25	0.80	YES	35.41	1.42	bb	1.446	1.56	9965.057	9340.922
19	IS	13C-1,2,3,7,8-PeCDF	50	3972466.25	1.60	YES	42.00	1.38	bb	1.334	4.88	8609.93	10599.41
20	IS	13C-2,3,4,7,8-PeCDF	50	3815675.625	1.60	YES	42.88	1.33	bb	1.282	4.85	9103.041	11521.71
21	IS	13C-1,2,3,4,7,8-HxCDF	50	3001374.313	0.50	YES	45.19	1.21	bd	1.244	2.48	3110.314	5490.785
22	IS	13C-1,2,3,6,7,8-HxCDF	50	3542924.5	0.50	YES	45.29	1.42	dd	1.479	2.51	3355.521	5722.425
23	IS	13C-2,3,4,6,7,8-HxCDF	50	2978780.375	0.50	YES	45.77	1.20	db	1.206	1.62	3065.389	5243.044
24	IS	13C-1,2,3,7,8,9-HxCDF	50	2984750.563	0.50	YES	46.49	1.20	bb	1.261	4.33	2715.49	4818.79
25	IS	13C-1,2,3,4,6,7,8-HpCDF	50	2736166.063	0.50	YES	47.83	1.10	bb	1.097	2.58	4834.432	5002.785
26	IS	13C-1,2,3,4,7,8,9-HpCDF	50	2288002.875	0.50	YES	49.42	0.92	bb	0.917	1.78	3609.272	3778.395
27	IS	13C-2,3,7,8-TCDD	50	2724934.625	0.80	YES	36.88	0.95	bb	0.952	0.70	5104.363	9430.308
28	IS	13C-1,2,3,7,8-PeCDD	50	2367216.313	1.60	YES	43.13	0.82	bb	0.809	3.74	17627.14	25454.43
29	IS	13C-1,2,3,4,7,8-HxCDD	50	2392612.625	1.20	YES	45.89	0.96	bd	0.988	2.14	7215.311	5535.04
30	IS	13C-1,2,3,6,7,8-HxCDD	50	2721418.5	1.30	YES	45.98	1.09	db	1.096	1.04	7195.247	5541.617
31	IS	13C-1,2,3,4,6,7,8-HpCDD	50	2075184.25	1.00	YES	48.86	0.83	bb	0.821	1.46	2804.312	3398.888
32	IS	13C-OCDD	100	3436802.75	0.90	YES	52.15	0.69	bb	0.712	1.79	23762.19	14625.41
33	RS	13C-1,2,3,4-TCDD	50	2872328.5	0.80	YES	35.77	57446.57	bb	59762.019	6.85	5695.974	10358
34	RS/RT	13C-1,2,3,7,8,9-HxCDD	50	2487979.875	1.20	YES	46.20	49759.60	bb	48026.767	6.38	7309.923	5479.676
35	C/UP	37Cl-2,3,7,8-TCDD	0.05	2441.274	0.00		36.91	0.85	bb	0.930	7.66	513.302	

圖3-7-11 本計畫十七種多氯戴奧辛/呋喃同源物平均相對感應因子建立RRF相對平均標準差(RSD%)結果之一

Sample Name: A7218-2S012 Sample ID: DIOXIN VER
Acq.Date 18-Feb-08
Method: D:\MASSLYNX\PROJECT\M1613\A7216-2.PRO\MethDB\NIEA M1613A7216-2.MDB
Sample List: D:\MASSLYNX\PROJECT\M1613\A7216-2.PRO\SampleDB\A7218-2.RSL
Cal D:\MASSLYNX\PROJECT\M1613\A7216-2.PRO\SampleDB\A7216-2.CAL

	Type	Name	Area	RA	Ratio Flag	RT	RRF	RRF Mean	Different%	Range	Mod	S/N	Sec. S/N	native-lable rt
1	Unk	2,3,7,8-TCDF	20438.78	0.80	YES	35.43	1.046	0.953	10%	20%	bd	674.79	679.15	-0.03
2	Unk	1,2,3,7,8-PeCDF	98257.93	1.59	YES	42.02	0.971	1.039	-7%	20%	bb	3483.78	3032.23	-0.01
3	Unk	2,3,4,7,8-PeCDF	95758.13	1.57	YES	42.89	0.990	1.036	-4%	20%	bb	3623.68	3195.92	-0.01
4	Unk	1,2,3,4,7,8-HxCDF	84292.38	1.34	YES	45.20	1.171	1.211	-3%	20%	bd	3297.76	1887.19	-0.01
5	Unk	1,2,3,6,7,8-HxCDF	90433.97	1.28	YES	45.29	1.083	1.150	-6%	20%	db	3443.30	1979.96	-0.01
6	Unk	2,3,4,6,7,8-HxCDF	81721.22	1.25	YES	45.78	1.076	1.236	-13%	20%	bd	3012.05	1770.94	-0.01
7	Unk	1,2,3,7,8,9-HxCDF	76722.58	1.31	YES	46.51	1.083	1.119	-3%	20%	bd	2648.91	1533.95	-0.01
8	Unk	1,2,3,4,6,7,8-HpCDF	80241.18	1.04	YES	47.83	1.343	1.382	-3%	20%	bb	1491.92	2172.69	-0.01
9	Unk	1,2,3,4,7,8,9-HpCDF	61927.45	1.02	YES	49.42	1.184	1.260	-6%	20%	bb	1045.41	1555.18	-0.01
10	Unk	OCDF	85667.88	0.89	YES	52.41	1.295	1.236	5%	20%	bb	2150.21	1440.26	
11	Unk	2,3,7,8-TCDD	13300.19	0.79	YES	36.93	0.914	0.908	1%	20%	bb	349.92	477.99	-0.06
12	Unk	1,2,3,7,8-PeCDD	54502.49	1.61	YES	43.15	0.948	0.926	2%	20%	bb	4030.90	2650.55	-0.01
13	Unk	1,2,3,4,7,8-HxCDD	47799.63	1.26	YES	45.90	0.907	0.859	6%	20%	dd	2928.33	1883.66	-0.01
14	Unk	1,2,3,6,7,8-HxCDD	51994.78	1.27	YES	45.98	0.895	0.869	3%	20%	dd	3135.83	2017.52	-0.01
15	Unk	1,2,3,7,8,9-HxCDD	51840.55	1.28	YES	46.21	0.936	0.895	5%	20%	dd	3051.87	1953.70	0.00
16	Unk	1,2,3,4,6,7,8-HpCDD	45999.74	1.05	YES	48.87	1.074	1.103	-3%	20%	bb	1219.07	1475.22	-0.01
17	Unk	OCDD	69589.74	0.88	YES	52.17	1.052	1.029	2%	20%	bb	1798.56	746.04	-0.01
18	IS/RT	13C-2,3,7,8-TCDF	3908908.00	0.78	YES	35.41	1.315	1.446	-9%	25%	bb	9138.36	10187.29	
19	IS	13C-1,2,3,7,8-PeCDF	4046889.75	1.57	YES	42.00	1.362	1.334	2%	25%	bb	8600.41	8087.60	
20	IS	13C-2,3,4,7,8-PeCDF	3869526.13	1.59	YES	42.88	1.302	1.282	2%	25%	bb	9606.44	9006.87	
21	IS	13C-1,2,3,4,7,8-HxCDF	2878662.94	0.53	YES	45.19	1.265	1.244	2%	25%	bd	3469.56	7032.91	
22	IS	13C-1,2,3,6,7,8-HxCDF	3340293.63	0.52	YES	45.28	1.467	1.479	-1%	25%	dd	3585.39	7631.46	
23	IS	13C-2,3,4,6,7,8-HxCDF	3037168.75	0.53	YES	45.77	1.334	1.206	11%	25%	bb	3519.51	7043.67	
24	IS	13C-1,2,3,7,8,9-HxCDF	2834633.94	0.52	YES	46.49	1.245	1.261	-1%	25%	bb	2875.57	5956.68	
25	IS	13C-1,2,3,4,6,7,8-HpCDF	2389696.19	0.47	YES	47.82	1.050	1.097	-4%	25%	bd	5189.21	8988.13	
26	IS	13C-1,2,3,4,7,8,9-HpCDF	2091494.75	0.47	YES	49.41	0.919	0.917	0%	25%	bd	4219.36	7189.22	
27	IS	13C-2,3,7,8-TCDD	2909624.25	0.78	YES	36.87	0.979	0.952	3%	25%	bb	6143.43	6039.46	
28	IS	13C-1,2,3,7,8-PeCDD	2299916.56	1.56	YES	43.13	0.774	0.809	-4%	25%	bb	17906.13	12918.19	
29	IS	13C-1,2,3,4,7,8-HxCDD	2107950.63	1.25	YES	45.89	0.926	0.988	-6%	25%	bd	7539.48	5298.47	
30	IS	13C-1,2,3,6,7,8-HxCDD	2323107.75	1.25	YES	45.97	1.021	1.096	-7%	25%	db	7955.66	5614.10	
31	IS	13C-1,2,3,4,6,7,8-HpCDI	1713452.56	1.06	YES	48.86	0.753	0.821	-8%	25%	bb	3172.01	3177.63	
32	IS	13C-OCDD	2645614.63	0.90	YES	52.15	0.581	0.712	-18%	25%	bb	9768.38	14099.63	
33	RS	13C-1,2,3,4-TCDD	2971844.00	0.79	YES	35.75	59436.880	59762.018			bb	6775.66	6461.03	
34	RS/RT	13C-1,2,3,7,8,9-HxCDD	2276189.56	1.26	YES	46.20	45523.791	48026.767			bb	7835.88	5698.46	
35	C/UP	37Cl-2,3,7,8-TCDD	14107.19			36.91	0.949	0.931	2%	25%	bb	1134.51		

圖3-7-12本計畫十七種多氯戴奧辛/呋喃同源物平均相對感應因子查核結果之一

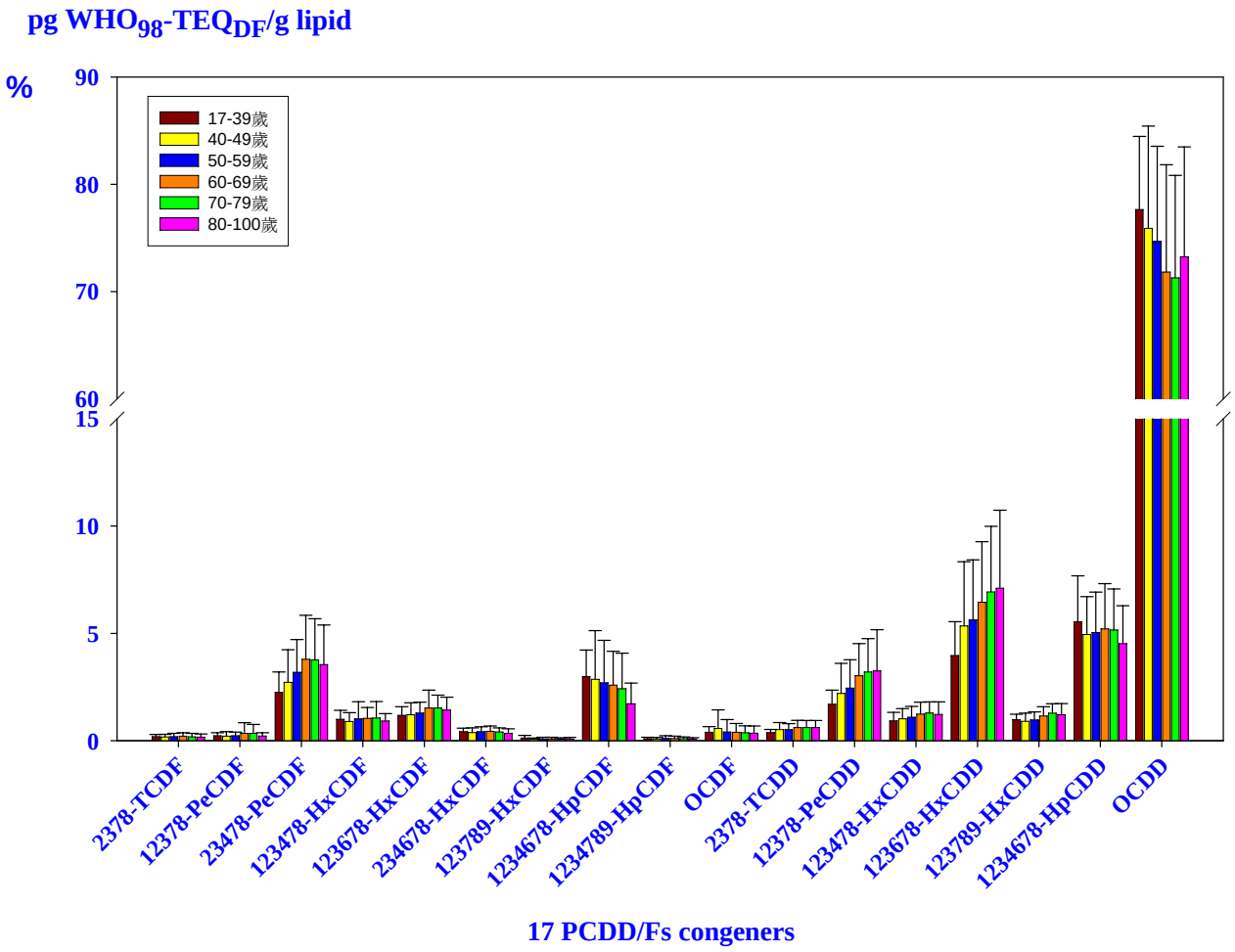


圖4-1-1 不同年齡層血液戴奧辛原始濃度比例之比較