

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PARK AVE -1MS

Contract: UNIO02

Lab Code: CHEM

Case No.: Q2393

SAS No.: Q2393

SDG NO.: Q2393

Lab Sample ID: Q2393-01MS

Date(s) Analyzed: 06/25/2025

06/25/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.79	6.74	6.84	16.6	1.8
	2	6.08	6.03	6.13	16.9	
4,4'-DDD	1	6.71	6.66	6.76	17.6	1.7
	2	5.93	5.88	5.98	17.3	
4,4'-DDT	1	7.02	6.97	7.07	15.8	1.3
	2	6.18	6.13	6.23	16.0	
alpha-BHC	1	4.00	3.95	4.05	18.0	0
	2	3.39	3.34	3.44	18.0	
Aldrin	1	5.27	5.22	5.32	17.8	0.6
	2	4.37	4.32	4.42	17.9	
beta-BHC	1	4.52	4.47	4.57	17.3	2.3
	2	4.03	3.98	4.08	17.7	
delta-BHC	1	4.76	4.71	4.81	18.8	4.3
	2	4.26	4.21	4.31	18.0	
Endosulfan I	1	6.07	6.02	6.12	17.3	1.7
	2	5.25	5.20	5.30	17.6	
alpha-Chlordane	1	6.03	5.98	6.08	17.3	1.7
	2	5.19	5.14	5.24	17.6	
4,4'-DDE	1	6.20	6.15	6.25	17.1	1.2
	2	5.38	5.33	5.43	17.3	
Dieldrin	1	6.35	6.30	6.40	17.4	0.6
	2	5.51	5.46	5.56	17.5	
Endrin aldehyde	1	6.92	6.87	6.97	17.2	2.4
	2	6.26	6.21	6.31	16.8	
Endosulfan sulfate	1	7.15	7.10	7.20	16.7	0.6
	2	6.48	6.43	6.53	16.6	
Methoxychlor	1	7.49	7.44	7.54	15.6	1.3
	2	6.75	6.70	6.80	15.4	

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Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.63	7.58	7.68	17.0	3.6
	2	6.99	6.94	7.04	16.4	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	18.0	0
	2	3.73	3.68	3.78	18.0	
Heptachlor	1	4.93	4.88	4.98	17.3	0.6
	2	4.08	4.03	4.13	17.4	
Heptachlor epoxide	1	5.69	5.64	5.74	17.4	1.1
	2	4.87	4.82	4.92	17.6	
gamma-Chlordane	1	5.95	5.90	6.00	17.1	2.9
	2	5.13	5.08	5.18	17.6	
Endrin	1	6.57	6.52	6.62	16.6	4.7
	2	5.79	5.74	5.84	17.4	

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Date(s) Analyzed: 06/25/2025 06/25/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.79	6.74	6.84	16.7	2.4
	2	6.08	6.03	6.13	17.1	
4,4'-DDD	1	6.70	6.65	6.75	17.8	6.4
	2	5.93	5.88	5.98	16.7	
4,4'-DDT	1	7.02	6.97	7.07	16.1	1.2
	2	6.18	6.13	6.23	16.3	
Endrin aldehyde	1	6.91	6.86	6.96	17.4	1.7
	2	6.26	6.21	6.31	17.1	
Endosulfan sulfate	1	7.15	7.10	7.20	16.9	0.6
	2	6.48	6.43	6.53	16.8	
Methoxychlor	1	7.49	7.44	7.54	15.7	0
	2	6.75	6.70	6.80	15.7	
Endrin ketone	1	7.63	7.58	7.68	17.1	2.4
	2	6.99	6.94	7.04	16.7	
alpha-BHC	1	4.00	3.95	4.05	17.9	0.6
	2	3.39	3.34	3.44	18.0	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	17.9	0.6
	2	3.73	3.68	3.78	18.0	
Heptachlor	1	4.93	4.88	4.98	17.4	0
	2	4.08	4.03	4.13	17.4	
Aldrin	1	5.27	5.22	5.32	17.8	0.6
	2	4.37	4.32	4.42	17.9	
beta-BHC	1	4.52	4.47	4.57	17.5	1.7
	2	4.03	3.98	4.08	17.8	
delta-BHC	1	4.76	4.71	4.81	18.8	4.9
	2	4.26	4.21	4.31	17.9	
Heptachlor epoxide	1	5.69	5.64	5.74	17.4	1.7
	2	4.87	4.82	4.92	17.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PARK AVE -1MSD

Contract: UNIO02

Lab Code: CHEM

Case No.: Q2393

SAS No.: Q2393

SDG NO.: Q2393

Lab Sample ID: Q2393-01MSD

Date(s) Analyzed: 06/25/2025

06/25/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.07	6.02	6.12	17.6	0.6
	2	5.25	5.20	5.30	17.7	
gamma-Chlordane	1	5.94	5.89	5.99	17.2	2.9
	2	5.13	5.08	5.18	17.7	
alpha-Chlordane	1	6.03	5.98	6.08	17.5	0.6
	2	5.19	5.14	5.24	17.6	
4,4'-DDE	1	6.20	6.15	6.25	17.5	0.6
	2	5.37	5.32	5.42	17.4	
Dieldrin	1	6.35	6.30	6.40	17.4	0.6
	2	5.51	5.46	5.56	17.5	
Endrin	1	6.57	6.52	6.62	17.2	1.2
	2	5.79	5.74	5.84	17.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PARK AVE -3

Contract: UNIO02

Lab Code: CHEM **Case No.:** Q2393

SAS No.: Q2393

SDG NO.: Q2393

Lab Sample ID: Q2393-05

Date(s) Analyzed: 06/25/2025 06/25/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm)

GC Column:(2): ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	0.70	60
	2	5.93	5.88	5.98	0.38	
4,4'-DDT	1	7.02	6.97	7.07	0.40	27.9
	2	6.18	6.13	6.23	0.53	
gamma-Chlordane	1	5.95	5.90	6.00	0.73	30.5
	2	5.12	5.07	5.17	0.53	
alpha-Chlordane	1	6.03	5.98	6.08	1.10	54.9
	2	5.19	5.14	5.24	0.63	
4,4'-DDE	1	6.20	6.15	6.25	0.27	51.6
	2	5.37	5.32	5.42	0.45	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PARK AVE -4

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393

SAS No.: Q2393 SDG NO.: Q2393

Lab Sample ID: Q2393-07

Date(s) Analyzed: 06/25/2025 06/25/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDT	1	7.02	6.97	7.07	0.28	26
	2	6.18	6.13	6.23	0.22	
gamma-Chlordane	1	5.94	5.89	5.99	0.25	27.1
	2	5.12	5.07	5.17	0.19	
alpha-Chlordane	1	6.03	5.98	6.08	0.55	47.2
	2	5.19	5.14	5.24	0.34	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PARK AVE -5

Contract: UNIO02

Lab Code: CHEM **Case No.:** Q2393

SAS No.: Q2393

SDG NO.: Q2393

Lab Sample ID: Q2393-09

Date(s) Analyzed: 06/25/2025 06/25/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm)

GC Column: (2): ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDT	1	7.02	6.97	7.07	0.16	54.5
	2	6.18	6.13	6.23	0.28	
Aldrin	1	5.27	5.22	5.32	0.13	34.5
	2	4.37	4.32	4.42	0.19	
gamma-Chlordane	1	5.94	5.89	5.99	0.35	34.1
	2	5.12	5.07	5.17	0.25	
alpha-Chlordane	1	6.03	5.98	6.08	0.56	37.2
	2	5.19	5.14	5.24	0.38	
4,4'-DDE	1	6.19	6.14	6.24	0.27	29.3
	2	5.37	5.32	5.42	0.36	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PARK AVE -6

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393

SAS No.: Q2393

SDG NO.: Q2393

Lab Sample ID: Q2393-11

Date(s) Analyzed: 06/25/2025 06/25/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
gamma-Chlordane	1	5.94	5.89	5.99	0.38	41.5
	2	5.12	5.07	5.17	0.25	
alpha-Chlordane	1	6.03	5.98	6.08	0.61	28
	2	5.19	5.14	5.24	0.46	
4,4'-DDE	1	6.20	6.15	6.25	0.19	40
	2	5.37	5.32	5.42	0.29	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168608BS

Contract: UNIO02

Lab Code: CHEM

Case No.: Q2393

SAS No.: Q2393

SDG NO.: Q2393

Lab Sample ID: PB168608BS

Date(s) Analyzed: 06/25/2025

06/25/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	16.6	0
	2	5.93	5.88	5.98	16.6	
4,4'-DDE	1	6.20	6.15	6.25	16.2	0.6
	2	5.38	5.33	5.43	16.1	
4,4'-DDT	1	7.02	6.97	7.07	15.1	0.7
	2	6.18	6.13	6.23	15.0	
alpha-BHC	1	4.00	3.95	4.05	16.1	0.6
	2	3.39	3.34	3.44	16.2	
Aldrin	1	5.27	5.22	5.32	16.3	0
	2	4.37	4.32	4.42	16.3	
alpha-Chlordane	1	6.03	5.98	6.08	16.0	0.6
	2	5.19	5.14	5.24	16.1	
Endosulfan II	1	6.79	6.74	6.84	16.3	1.9
	2	6.08	6.03	6.13	16.0	
Endosulfan sulfate	1	7.15	7.10	7.20	16.0	0.6
	2	6.48	6.43	6.53	15.9	
beta-BHC	1	4.52	4.47	4.57	15.5	3.2
	2	4.03	3.98	4.08	16.0	
delta-BHC	1	4.76	4.71	4.81	17.0	4.2
	2	4.26	4.21	4.31	16.3	
Endosulfan I	1	6.07	6.02	6.12	16.1	1.2
	2	5.25	5.20	5.30	16.3	
Dieldrin	1	6.35	6.30	6.40	16.2	0.6
	2	5.51	5.46	5.56	16.1	
Endrin aldehyde	1	6.92	6.87	6.97	15.9	0.6
	2	6.26	6.21	6.31	15.8	
Methoxychlor	1	7.49	7.44	7.54	14.3	2.8
	2	6.75	6.70	6.80	14.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168608BS

Contract: UNIO02

Lab Code: CHEM

Case No.: Q2393

SAS No.: Q2393

SDG NO.: Q2393

Lab Sample ID: PB168608BS

Date(s) Analyzed: 06/25/2025

06/25/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.63	7.58	7.68	16.4	0.6
	2	6.99	6.94	7.04	16.3	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	16.0	1.2
	2	3.73	3.68	3.78	16.2	
Heptachlor	1	4.93	4.88	4.98	15.8	0.6
	2	4.08	4.03	4.13	15.7	
Heptachlor epoxide	1	5.69	5.64	5.74	16.0	1.2
	2	4.87	4.82	4.92	16.2	
gamma-Chlordane	1	5.95	5.90	6.00	16.1	1.2
	2	5.13	5.08	5.18	16.3	
Endrin	1	6.57	6.52	6.62	15.2	1.3
	2	5.79	5.74	5.84	15.0	