

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
 Data File : PD091239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2025 21:38
 Operator : AR\AJ
 Sample : Q3649-03MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DUPE-0.0-0.5-20251114MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/18/2025
 Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 01:13:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.541	2.872	57912282	635.9E6	16.793m	17.359
28)	SA Decachlor...	9.063	8.056	71586916	478.7E6	14.369	12.097
Target Compounds							
2)	A alpha-BHC	3.992	3.383	364.1E6	2873.2E6	45.540	45.460
3)	MA gamma-BHC...	4.321	3.719	339.0E6	2552.0E6	45.365m	44.136
4)	MA Heptachlor	4.919	4.071	337.9E6	2498.2E6	47.187	45.249
5)	MB Aldrin	5.261	4.356	314.2E6	2450.9E6	43.303	43.410
6)	B beta-BHC	4.510	4.015	123.5E6	1134.9E6	42.505	47.232
7)	B delta-BHC	4.758	4.251	323.0E6	2524.8E6	43.455	43.175
8)	B Heptachlo...	5.682	4.859	271.4E6	2174.4E6	41.768	42.671
9)	A Endosulfan I	6.065	5.234	269.4E6	1800.6E6	43.849	37.629
10)	B gamma-Chl...	5.935	5.111	273.6E6	2363.0E6	42.094m	43.256m
11)	B alpha-Chl...	6.018	5.177	289.1E6	2317.7E6	42.000	44.289
12)	B 4,4'-DDE	6.188	5.361	238.6E6	2216.9E6	41.145	41.482
13)	MA Dieldrin	6.338	5.500	403.0E6	3265.2E6	62.343	60.121
14)	MA Endrin	6.565	5.777	241.3E6	2030.5E6	48.624	44.930
15)	B Endosulfa...	6.778	6.068	243.5E6	1934.0E6	43.797	41.430
16)	A 4,4'-DDD	6.697	5.916	201.8E6	1598.2E6	41.083	32.704
17)	MA 4,4'-DDT	7.013	6.170	230.3E6	2009.2E6	55.683	51.345
18)	B Endrin al...	6.907	6.246	180.3E6	1384.2E6	43.274	39.224
19)	B Endosulfa...	7.142	6.470	212.4E6	1729.0E6	41.286	38.565
20)	A Methoxychlor	7.486	6.740	106.7E6	804.5E6	49.093	40.123
21)	B Endrin ke...	7.621	6.979	226.6E6	1551.5E6	40.229m	30.448
22)	Mirex	8.104	7.171	142.5E6	1070.3E6	40.066m	32.297

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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