

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102725\
 Data File : PD090849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 17:39
 Operator : AR\AJ
 Sample : Q3451-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-11MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/28/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 01:10:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.874	56620935	548.6E6	18.182m	18.422
28)	SA Decachlor...	9.062	8.058	73562913	451.2E6	15.725	14.895
Target Compounds							
2)	A alpha-BHC	3.993	3.385	343.2E6	2248.4E6	47.819	44.003
3)	MA gamma-BHC...	4.323	3.721	318.8E6	2072.7E6	46.885	43.868
4)	MA Heptachlor	4.921	4.073	316.2E6	2039.7E6	56.567	45.731
5)	MB Aldrin	5.263	4.359	312.8E6	2041.7E6	47.768	44.080
6)	B beta-BHC	4.511	4.018	123.5E6	868.9E6	47.140	43.820
7)	B delta-BHC	4.759	4.253	326.9E6	2108.6E6	48.345	44.189
8)	B Heptachlo...	5.683	4.862	279.3E6	1875.8E6	48.241	43.993
9)	A Endosulfan I	6.066	5.236	263.2E6	1749.7E6	47.544	44.419
10)	B gamma-Chl...	5.938	5.115	277.0E6	1979.9E6	46.707	44.047
11)	B alpha-Chl...	6.019	5.179	288.4E6	1906.7E6	46.662	44.200
12)	B 4,4'-DDE	6.188	5.364	251.6E6	1940.0E6	47.237	44.254
13)	MA Dieldrin	6.339	5.502	277.9E6	1954.9E6	47.663	44.244
14)	MA Endrin	6.566	5.778	231.2E6	1850.6E6	46.675	45.701
15)	B Endosulfa...	6.779	6.070	217.6E6	1672.5E6	43.513	44.535
16)	A 4,4'-DDD	6.698	5.918	198.0E6	1587.8E6	48.836	43.576
17)	MA 4,4'-DDT	7.013	6.172	191.4E6	1562.2E6	46.556	44.540
18)	B Endrin al...	6.908	6.248	167.5E6	1199.0E6	45.720	43.296
19)	B Endosulfa...	7.142	6.471	207.8E6	1548.3E6	44.804	43.193
20)	A Methoxychlor	7.487	6.742	96868481	756.9E6	45.573	43.432
21)	B Endrin ke...	7.623	6.980	220.4E6	1629.8E6	45.355	43.212
22)	Mirex	8.105	7.173	132.6E6	1021.3E6	41.412	39.754

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

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