

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
 Data File : PD091240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2025 21:52
 Operator : AR\AJ
 Sample : Q3649-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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 01:13:17 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...	3.540	2.872	56160904	628.1E6	16.285m	17.148
28)	SA Decachlor...	9.062	8.057	65039166	450.6E6	13.055	11.385
Target Compounds							
2)	A alpha-BHC	3.991	3.383	352.1E6	2828.3E6	44.040	44.750
3)	MA gamma-BHC...	4.320	3.719	329.1E6	2492.1E6	44.037m	43.101
4)	MA Heptachlor	4.919	4.071	315.6E6	2338.1E6	44.062	42.350
5)	MB Aldrin	5.260	4.356	306.4E6	2391.1E6	42.225	42.352
6)	B beta-BHC	4.509	4.016	124.6E6	1109.7E6	42.895	46.187
7)	B delta-BHC	4.757	4.251	317.5E6	2461.7E6	42.726	42.097
8)	B Heptachlo...	5.680	4.860	265.3E6	2116.3E6	40.835	41.530
9)	A Endosulfan I	6.064	5.235	259.5E6	1751.6E6	42.248	36.604
10)	B gamma-Chl...	5.935	5.113	265.2E6	2455.4E6	40.799m	44.948
11)	B alpha-Chl...	6.017	5.177	275.6E6	2248.9E6	40.042	42.975
12)	B 4,4'-DDE	6.186	5.362	230.0E6	2145.5E6	39.655	40.146
13)	MA Dieldrin	6.337	5.499	388.8E6	3175.0E6	60.133	58.460
14)	MA Endrin	6.564	5.776	232.5E6	1951.2E6	46.847	43.176
15)	B Endosulfa...	6.777	6.067	236.0E6	1858.7E6	42.455	39.818
16)	A 4,4'-DDD	6.696	5.916	195.2E6	1555.3E6	39.735	31.826
17)	MA 4,4'-DDT	7.012	6.170	214.8E6	1847.1E6	51.952	47.202
18)	B Endrin al...	6.906	6.246	170.7E6	1309.6E6	40.971	37.109
19)	B Endosulfa...	7.141	6.469	203.5E6	1631.4E6	39.556	36.388
20)	A Methoxychlor	7.485	6.740	97413476	737.8E6	44.801	36.796
21)	B Endrin ke...	7.620	6.978	217.4E6	1442.2E6	38.595m	28.303 #
22)	Mirex	8.102	7.171	135.8E6	1007.3E6	38.181m	30.396

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

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