

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082021\
 Data File : PD065090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 09:46
 Operator : AR\AJ
 Sample : M2940-09
 Misc : CHLOR MDL 25 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-WATER-03-QT3-2021

Manual Integrations
 APPROVED

mohammad
 8/23/2021 2:15:51 PM

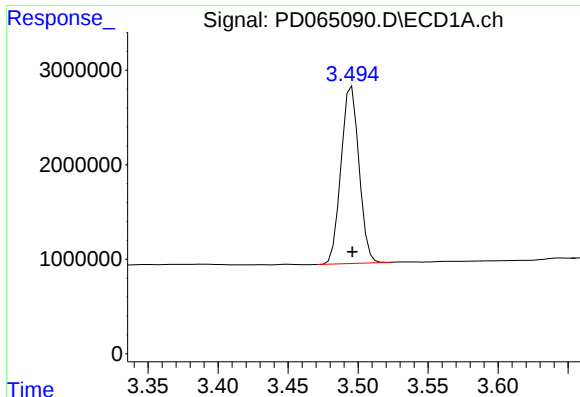
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 10:00:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.496	4.013	16797078	126.4E6	16.341	15.957
28)	SA Decachlor...	8.239	9.083	21329085	81427307	18.825	17.206
Target Compounds							
4)	MA Heptachlor	4.516	5.198	1517927	28275194	1.165	2.820 #
5)	MB Aldrin	0.000	5.479f	0	5684175	N.D.	0.629 #
8)	B Heptachlo...	0.000	5.878	0	12385457	N.D.	1.660 #
10)	B gamma-Chl...	5.431	6.126	2956100	22018898	2.614	2.880
11)	B alpha-Chl...	5.490	6.199	2428409	32475628	2.169	4.362 #
15)	B Endosulfa...	6.326	0.000	1193112	0	1.193	N.D. #
22)	Mirex	7.384	0.000	1797980	0	1.763	N.D. #
23)	Chlordane-1	4.366	5.009	1215677	14529869	32.100	46.912 #
24)	Chlordane-2	4.866	5.479	1127411	5684175	25.832	18.170 #
25)	Chlordane-3	5.431	6.126	2956100	22018898	26.783	21.298
26)	Chlordane-4	5.490	6.199	2428409	32475628	26.452	27.011
27)	Chlordane-5	6.326	7.009	1193112	5169748	26.520	21.804

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



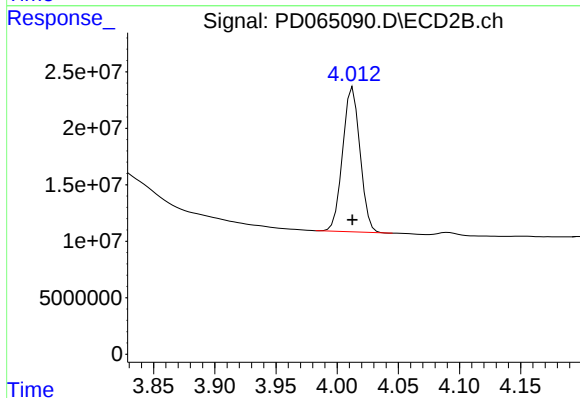
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 16797078
Conc: 16.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

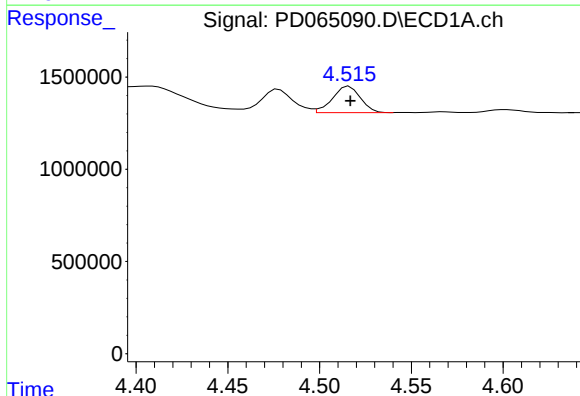
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:51 PM



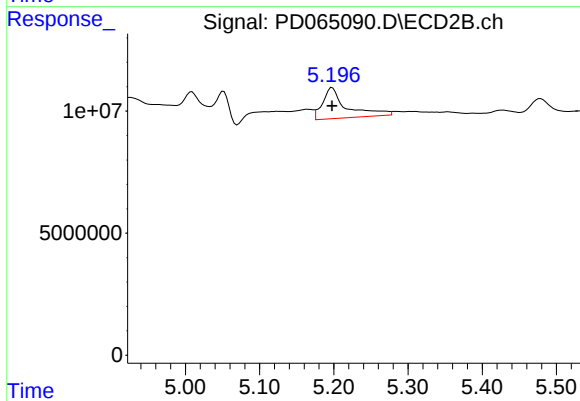
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 126391068
Conc: 15.96 ng/ml



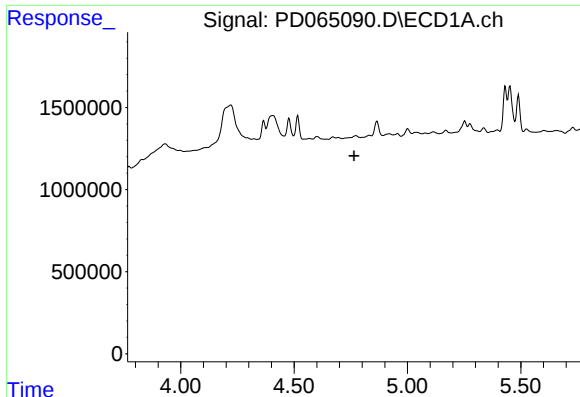
#4 Heptachlor

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1517927
Conc: 1.17 ng/ml



#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 28275194
Conc: 2.82 ng/ml



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 4.765 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:51 PM

#5 Aldrin

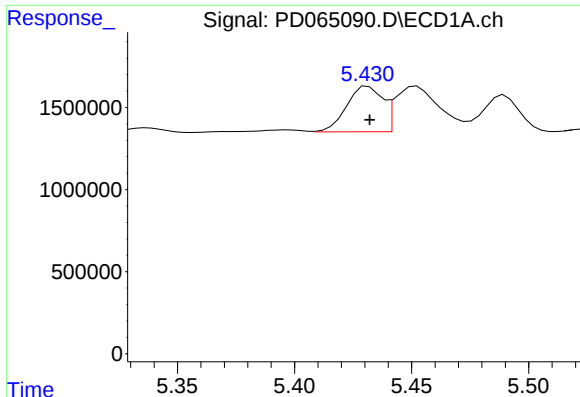
R.T.: 5.479 min
Delta R.T.: -0.023 min
Response: 5684175
Conc: 0.63 ng/ml

#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.

#8 Heptachlor epoxide

R.T.: 5.878 min
Delta R.T.: -0.014 min
Response: 12385457
Conc: 1.66 ng/ml



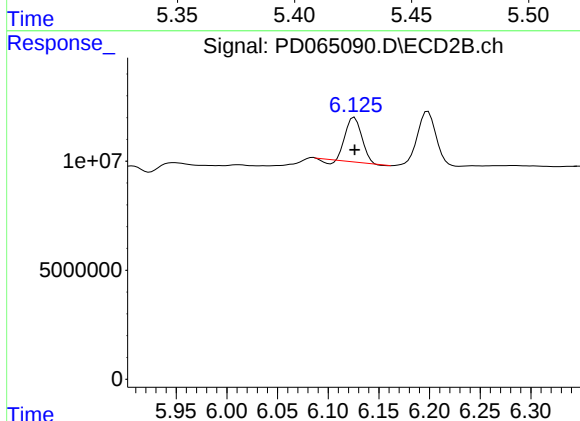
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 2956100
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

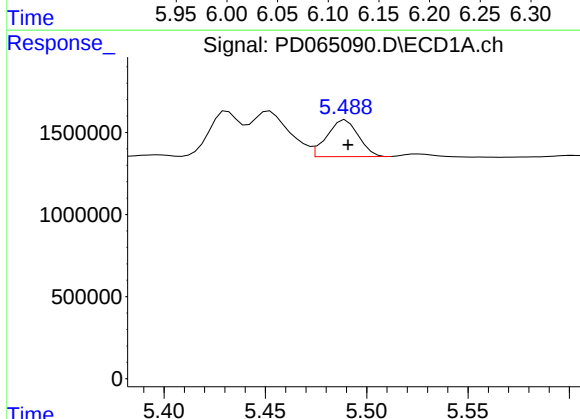
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:51 PM



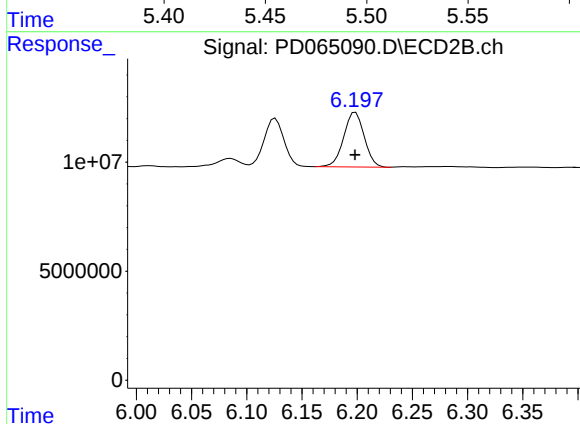
#10 gamma-Chlordane

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 22018898
Conc: 2.88 ng/ml



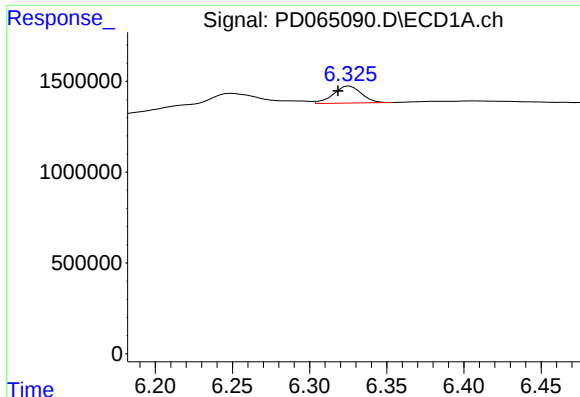
#11 alpha-Chlordane

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 2428409
Conc: 2.17 ng/ml



#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 32475628
Conc: 4.36 ng/ml



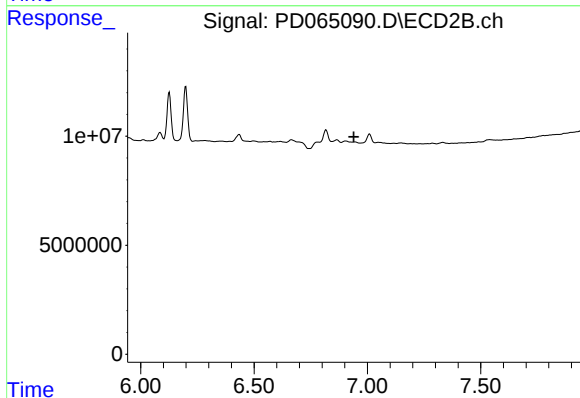
#15 Endosulfan II

R.T.: 6.326 min
Delta R.T.: 0.008 min
Response: 1193112
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

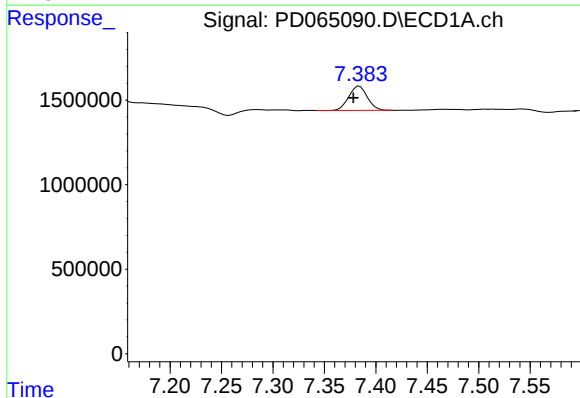
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:51 PM



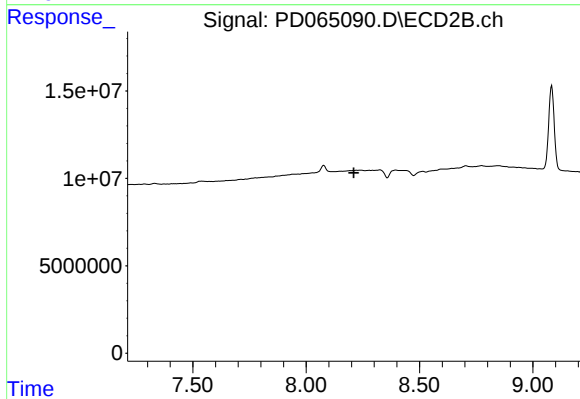
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.941 min
Response: 0
Conc: N.D.



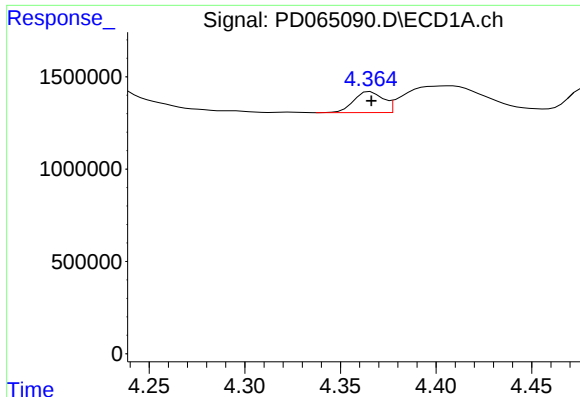
#22 Mirex

R.T.: 7.384 min
Delta R.T.: 0.006 min
Response: 1797980
Conc: 1.76 ng/ml



#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.210 min
Response: 0
Conc: N.D.



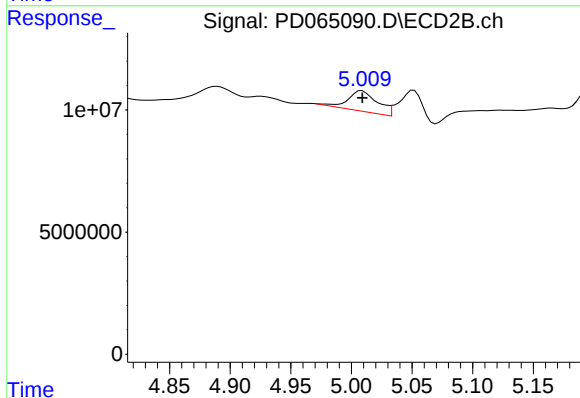
#23 Chlordane-1

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 1215677
Conc: 32.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

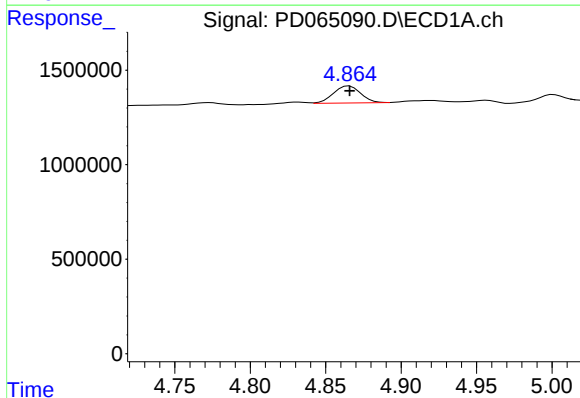
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:51 PM



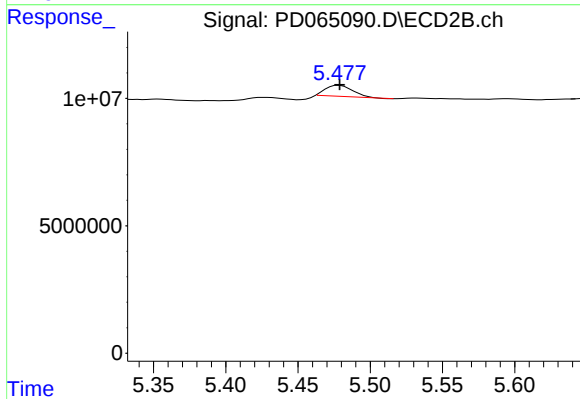
#23 Chlordane-1

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 14529869
Conc: 46.91 ng/ml



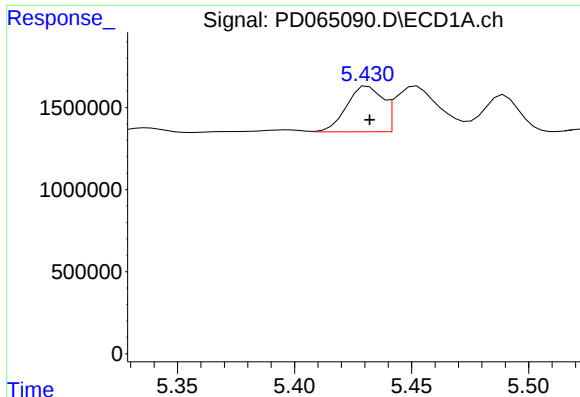
#24 Chlordane-2

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 1127411
Conc: 25.83 ng/ml



#24 Chlordane-2

R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 5684175
Conc: 18.17 ng/ml



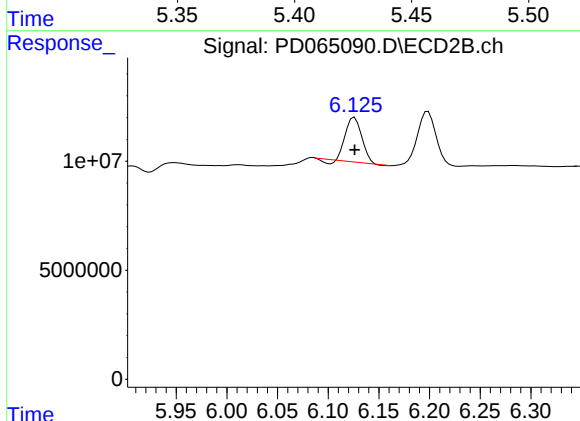
#25 Chlordane-3

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 2956100
Conc: 26.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

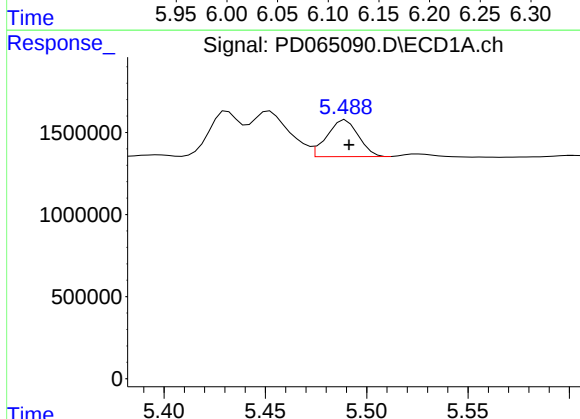
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:51 PM



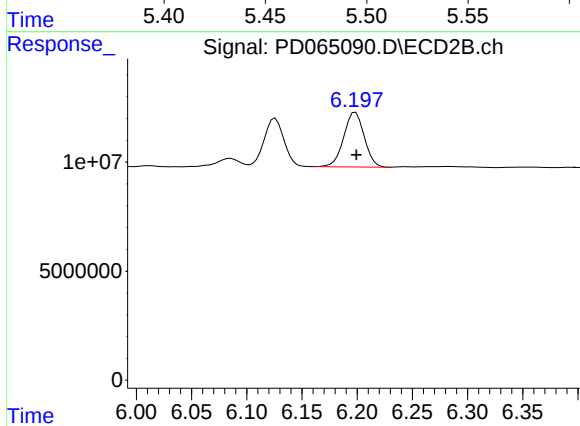
#25 Chlordane-3

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 22018898
Conc: 21.30 ng/ml



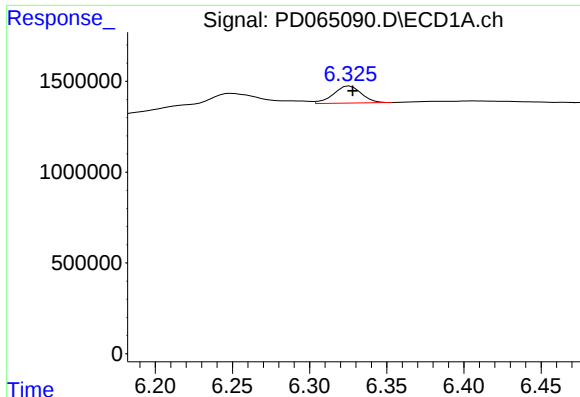
#26 Chlordane-4

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 2428409
Conc: 26.45 ng/ml



#26 Chlordane-4

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 32475628
Conc: 27.01 ng/ml



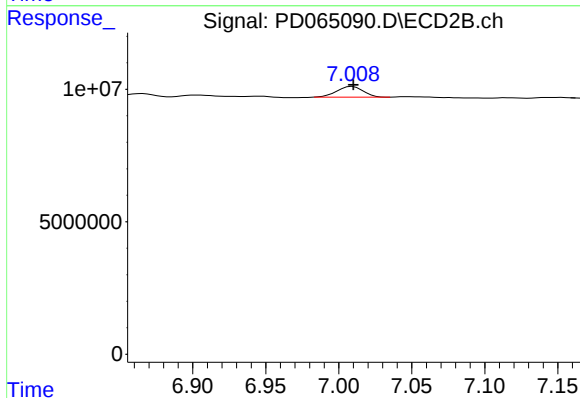
#27 Chlordane-5

R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 1193112
Conc: 26.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-WATER-03-QT3-2021

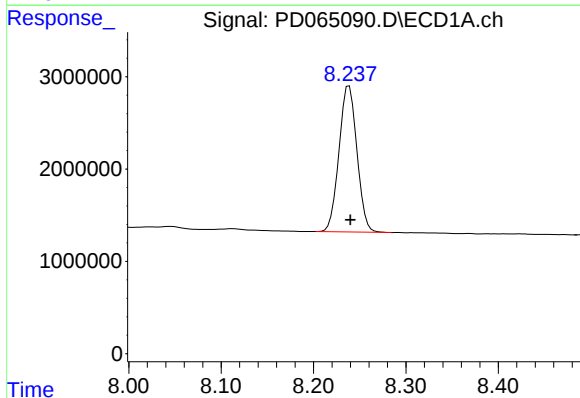
Manual Integrations
APPROVED

mohammad
8/23/2021 2:15:51 PM



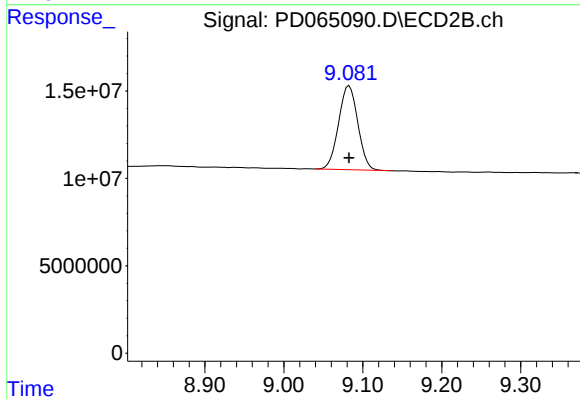
#27 Chlordane-5

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 5169748
Conc: 21.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: -0.002 min
Response: 21329085
Conc: 18.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 81427307
Conc: 17.21 ng/ml