

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2021 08:57
 Operator : AR\AJ
 Sample : M2940-08
 Misc : CHLOR LOQ 50 PPB
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:50:11 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	20357024	151.7E6	19.805	19.155
28)	SA Decachlor...	8.240	9.083	26109420	98830008	23.044	20.883
Target Compounds							
2)	A alpha-BHC	0.000	4.415	0	2049098	N.D.	0.176 #
4)	MA Heptachlor	4.516	5.198	2943672	35489224	2.260	3.540 #
5)	MB Aldrin	0.000	5.478f	0	16675195	N.D.	1.846 #
8)	B Heptachlo...	0.000	5.878	0	10345420	N.D.	1.387 #
10)	B gamma-Chl...	5.432	6.125	6007577	43701335	5.313	5.716
11)	B alpha-Chl...	5.491	6.198	4993519	63325243	4.460	8.506 #
15)	B Endosulfa...	6.327	6.911f	2396403	1600061	2.397	0.273 #
16)	A 4,4'-DDD	0.000	6.866f	0	2586240	N.D.	0.440 #
22)	Mirex	7.384	0.000	2403263	0	2.357	N.D. #
23)	Chlordane-1	4.366	5.008	2128324	20257040	56.198	65.403
24)	Chlordane-2	4.866	5.478	2412355	16675195	55.273	53.305
25)	Chlordane-3	5.432	6.125	6007577	43701335	54.431	42.270
26)	Chlordane-4	5.491	6.198	4993519	63325243	54.393	52.669
27)	Chlordane-5	6.327	7.008	2396403	9737547	53.267	41.068

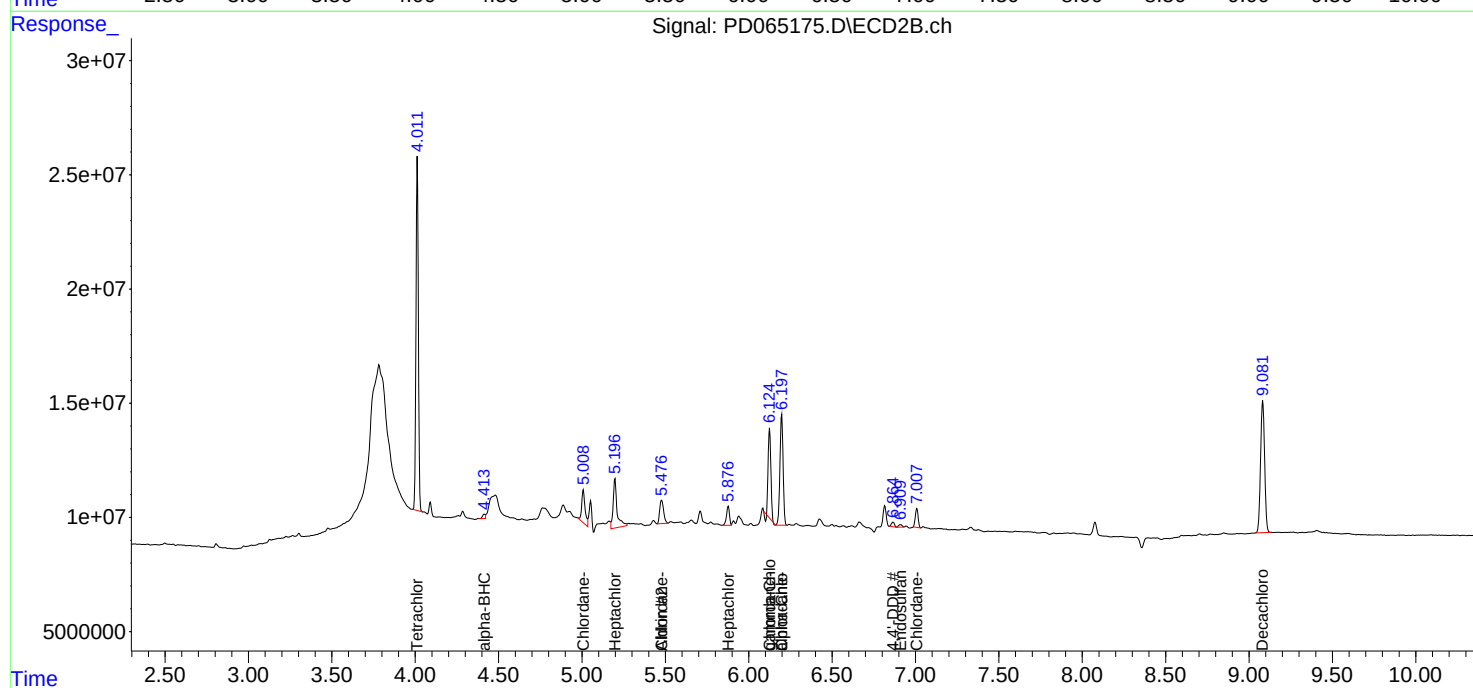
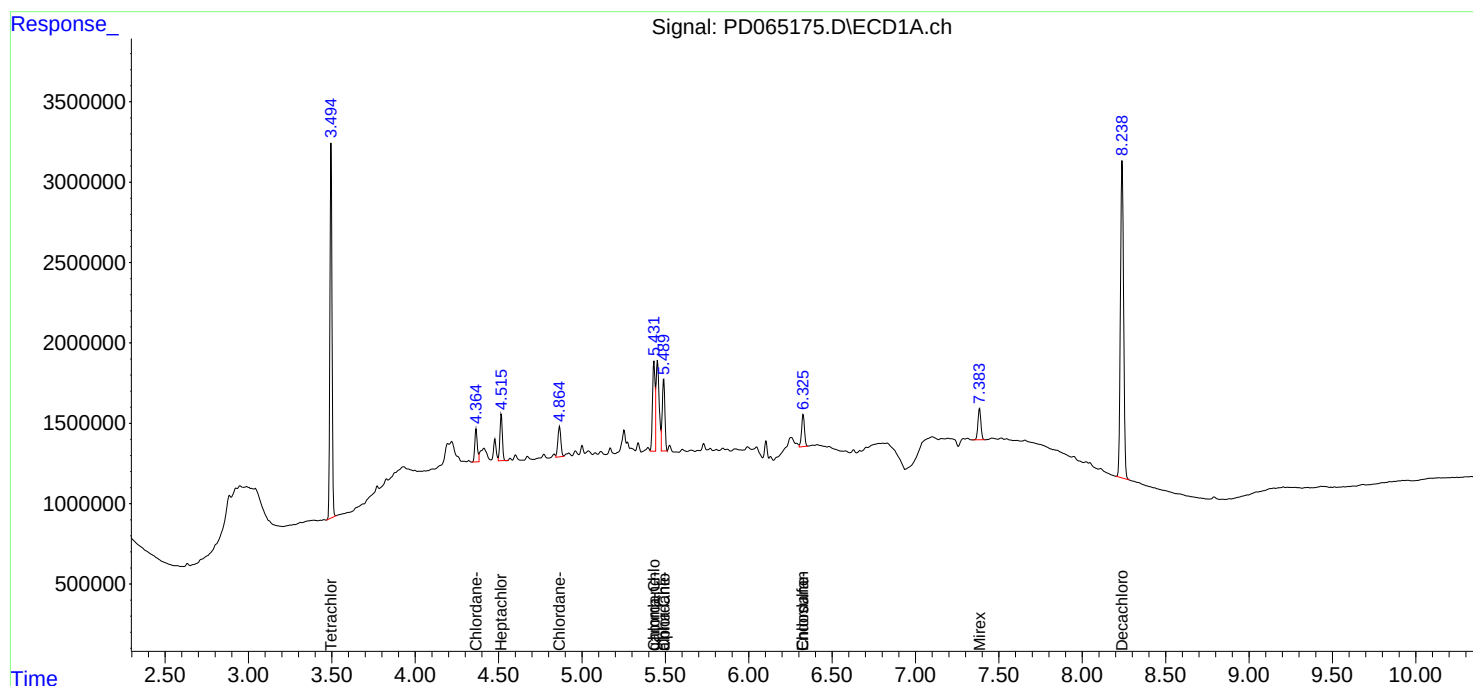
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

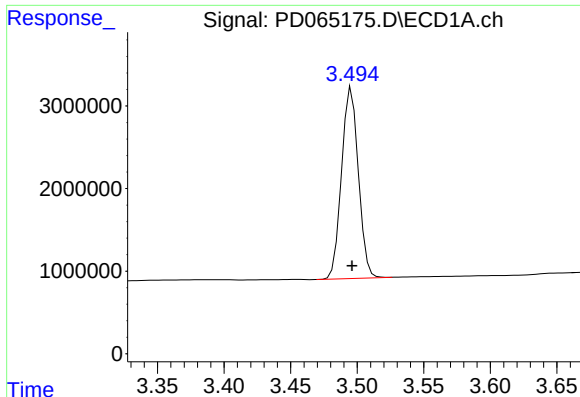
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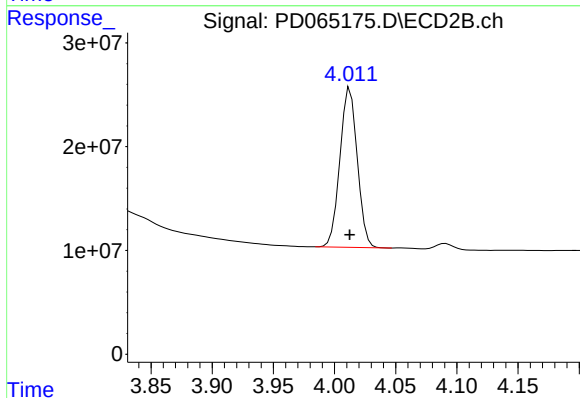




#1 Tetrachloro-m-xylene

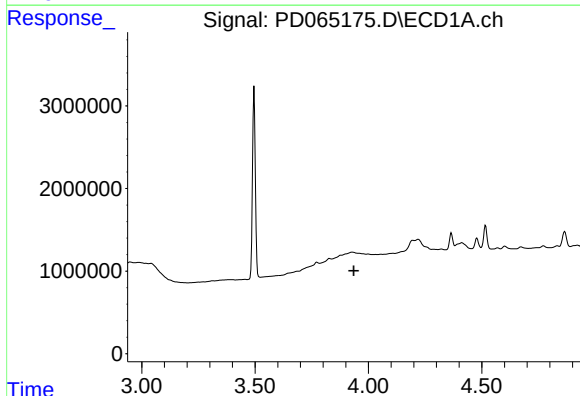
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 20357024
Conc: 19.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2021



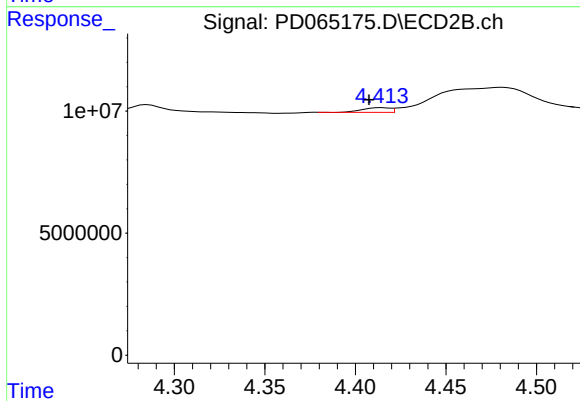
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 151718735
Conc: 19.15 ng/ml



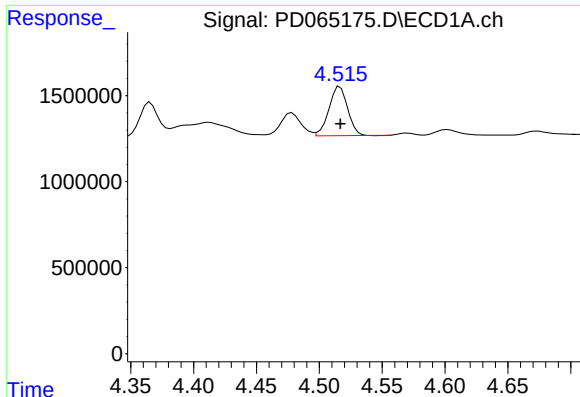
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.935 min
Response: 0
Conc: N.D.



#2 alpha-BHC

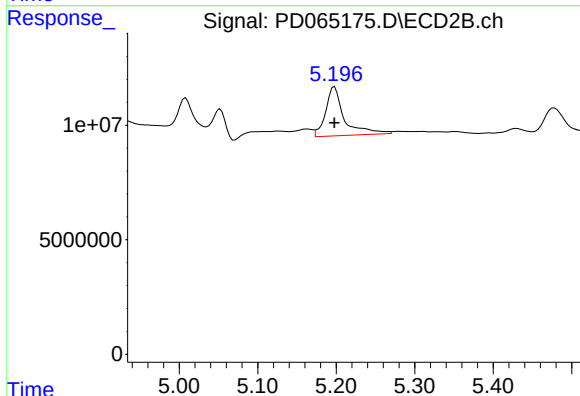
R.T.: 4.415 min
Delta R.T.: 0.007 min
Response: 2049098
Conc: 0.18 ng/ml



#4 Heptachlor

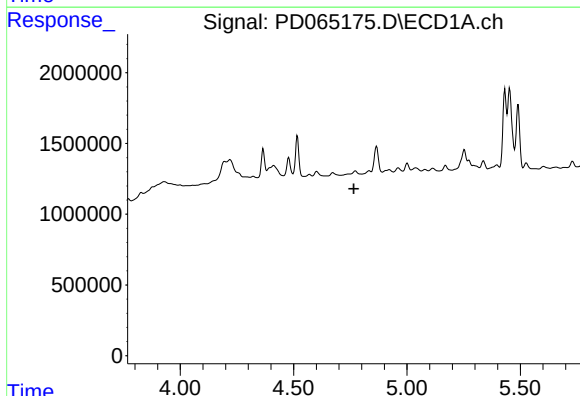
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2943672
Conc: 2.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2021



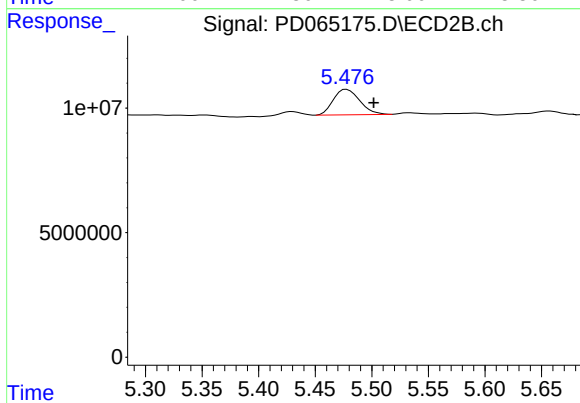
#4 Heptachlor

R.T.: 5.198 min
Delta R.T.: 0.000 min
Response: 35489224
Conc: 3.54 ng/ml



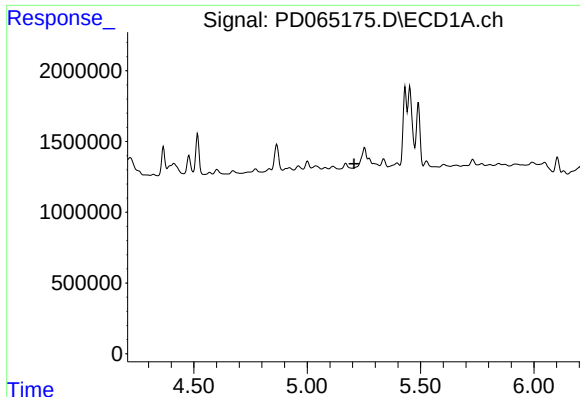
#5 Aldrin

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



#5 Aldrin

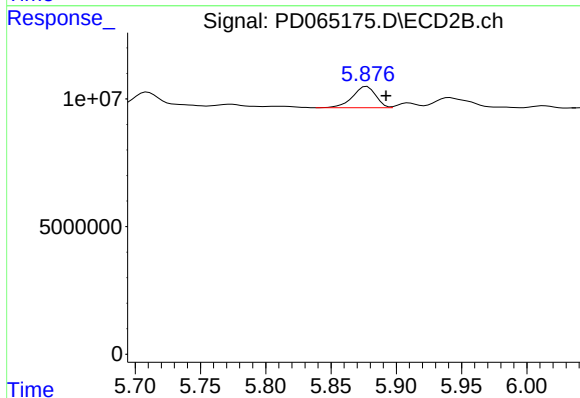
R.T.: 5.478 min
Delta R.T.: -0.024 min
Response: 16675195
Conc: 1.85 ng/ml



#8 Heptachlor epoxide

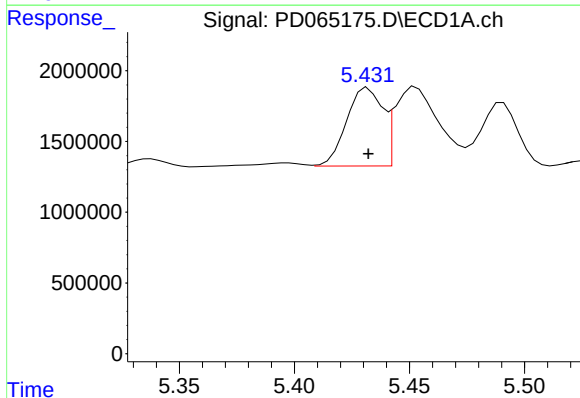
R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2021



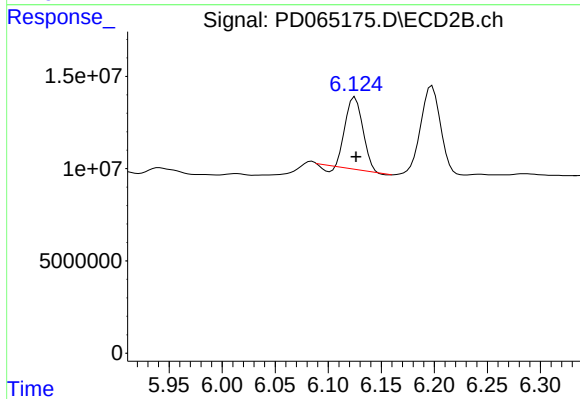
#8 Heptachlor epoxide

R.T.: 5.878 min
Delta R.T.: -0.015 min
Response: 10345420
Conc: 1.39 ng/ml



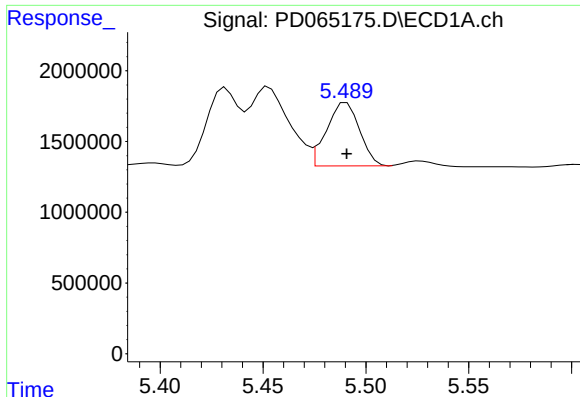
#10 gamma-Chlordane

R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 6007577
Conc: 5.31 ng/ml



#10 gamma-Chlordane

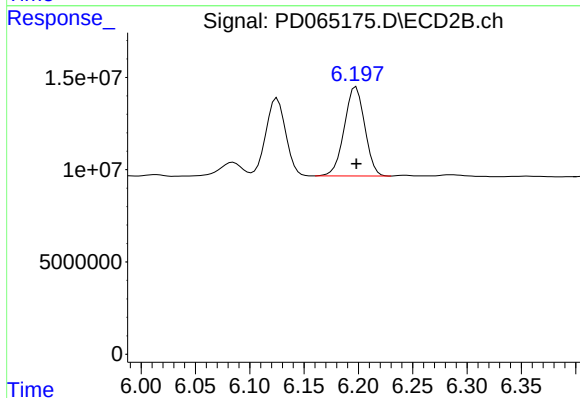
R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 43701335
Conc: 5.72 ng/ml



#11 alpha-Chlordane

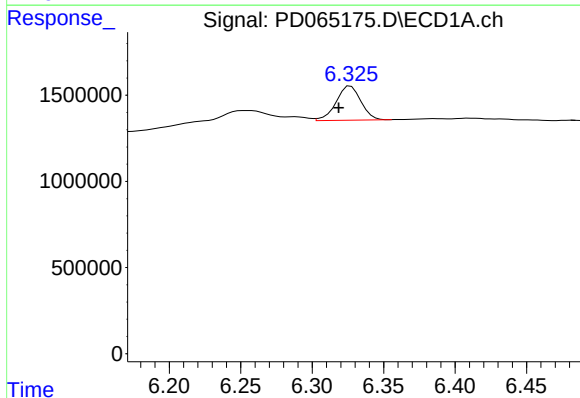
R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 4993519
Conc: 4.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2021



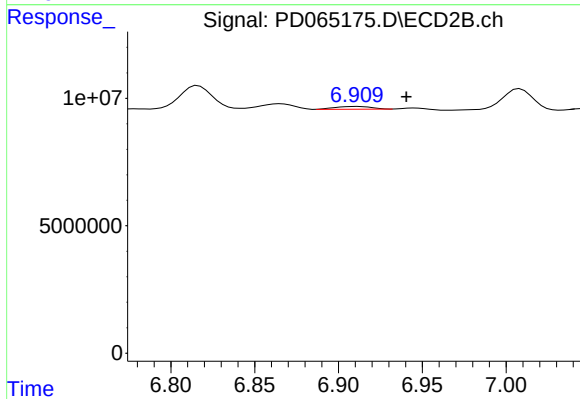
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 63325243
Conc: 8.51 ng/ml



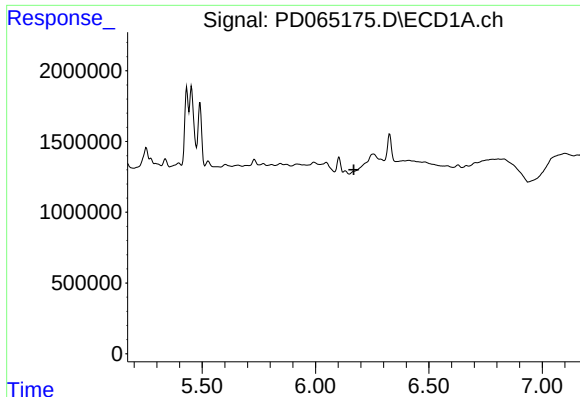
#15 Endosulfan II

R.T.: 6.327 min
Delta R.T.: 0.008 min
Response: 2396403
Conc: 2.40 ng/ml



#15 Endosulfan II

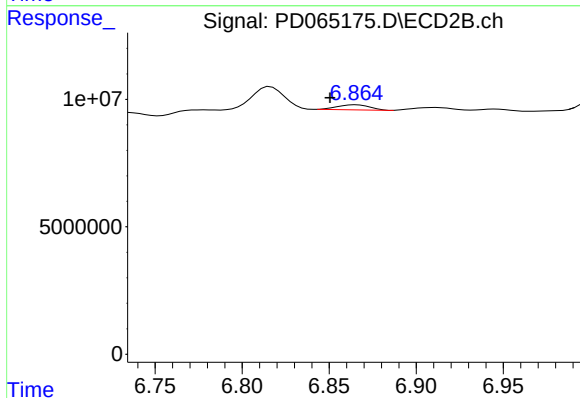
R.T.: 6.911 min
Delta R.T.: -0.030 min
Response: 1600061
Conc: 0.27 ng/ml



#16 4,4'-DDD

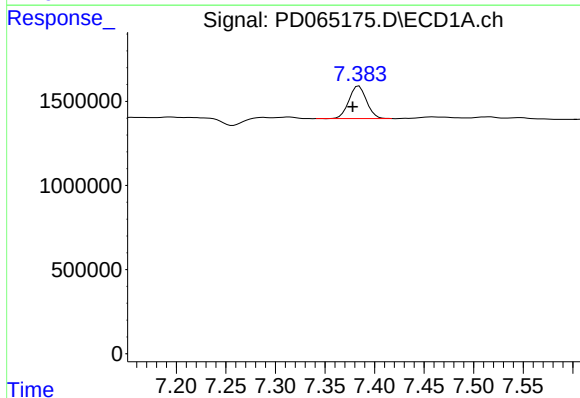
R.T.: 0.000 min
Exp R.T.: 6.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2021



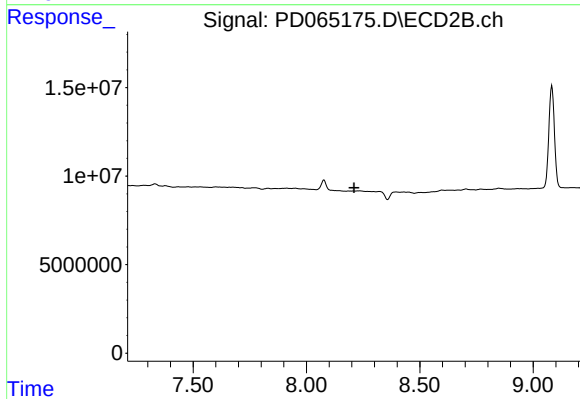
#16 4,4'-DDD

R.T.: 6.866 min
Delta R.T.: 0.015 min
Response: 2586240
Conc: 0.44 ng/ml



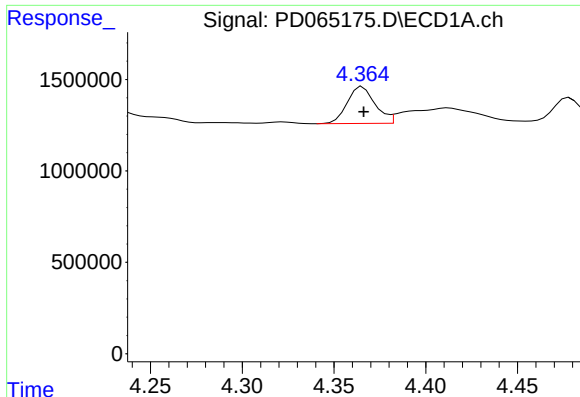
#22 Mirex

R.T.: 7.384 min
Delta R.T.: 0.006 min
Response: 2403263
Conc: 2.36 ng/ml



#22 Mirex

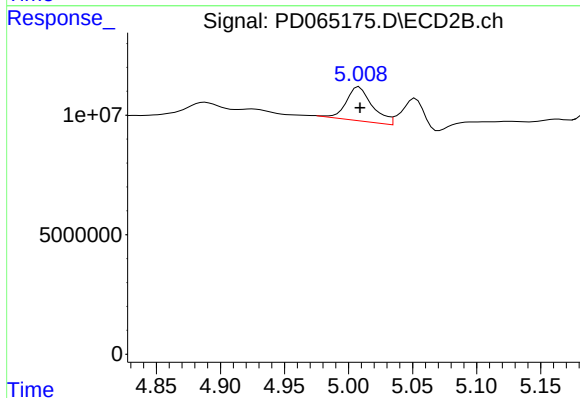
R.T.: 0.000 min
Exp R.T.: 8.210 min
Response: 0
Conc: N.D.



#23 Chlordane-1

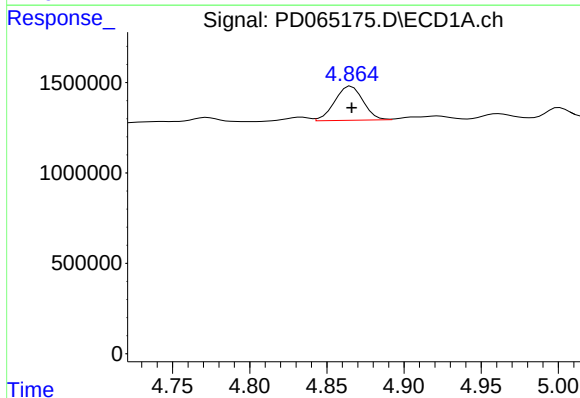
R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 2128324
Conc: 56.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2021



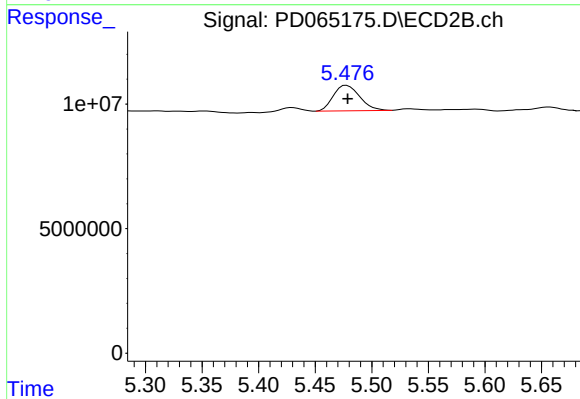
#23 Chlordane-1

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 20257040
Conc: 65.40 ng/ml



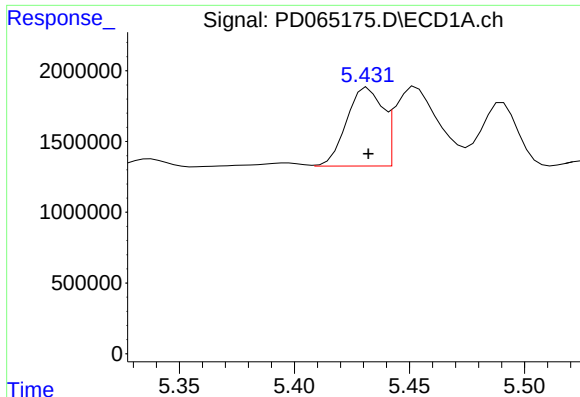
#24 Chlordane-2

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 2412355
Conc: 55.27 ng/ml



#24 Chlordane-2

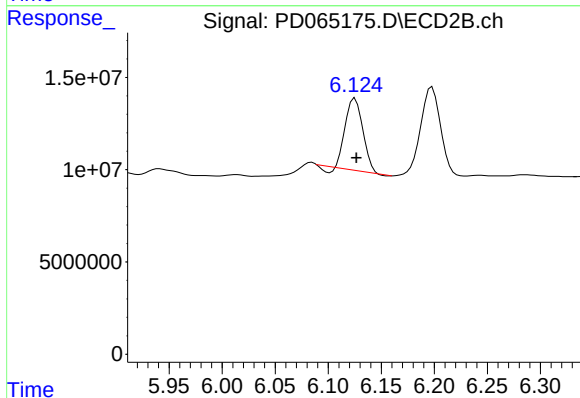
R.T.: 5.478 min
Delta R.T.: -0.001 min
Response: 16675195
Conc: 53.31 ng/ml



#25 Chlordane-3

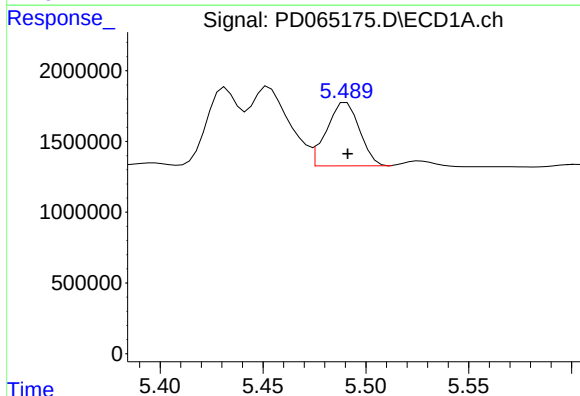
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 6007577
Conc: 54.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2021



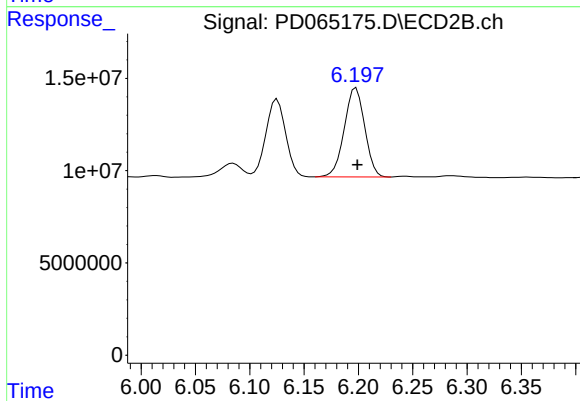
#25 Chlordane-3

R.T.: 6.125 min
Delta R.T.: -0.001 min
Response: 43701335
Conc: 42.27 ng/ml



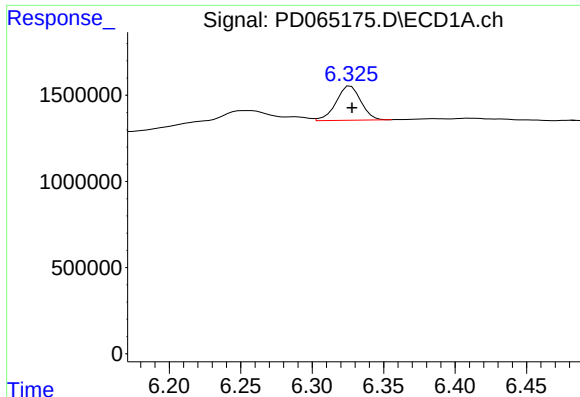
#26 Chlordane-4

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 4993519
Conc: 54.39 ng/ml



#26 Chlordane-4

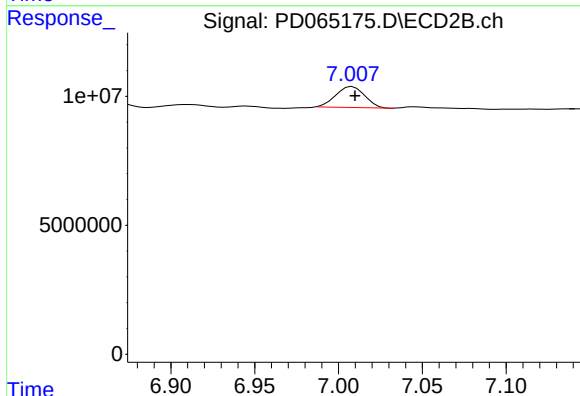
R.T.: 6.198 min
Delta R.T.: -0.001 min
Response: 63325243
Conc: 52.67 ng/ml



#27 Chlordane-5

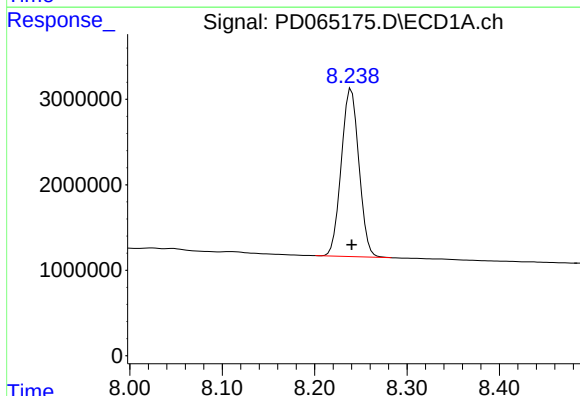
R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 2396403
Conc: 53.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT3-2021



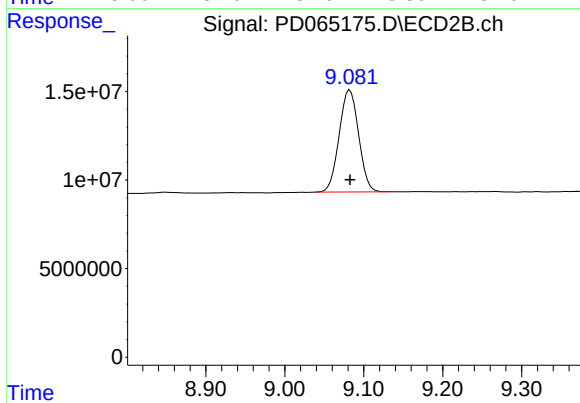
#27 Chlordane-5

R.T.: 7.008 min
Delta R.T.: -0.002 min
Response: 9737547
Conc: 41.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 26109420
Conc: 23.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 98830008
Conc: 20.88 ng/ml