

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
 Data File : PD091614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 18:22
 Operator : AR\AJ
 Sample : Q3530-08
 Misc : CHLOR LOQ 50PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 04:57:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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	2.870	65650182	884.3E6	18.901	22.441
2)	SA Decachlor...	9.057	8.054	100.5E6	943.3E6	19.326	22.779
Target Compounds							
2)	A alpha-BHC	4.011f	3.372	338443	40162768	0.042	0.589 #
4)	MA Heptachlor	4.916	4.069	12496667	125.5E6	1.760	2.152
5)	MB Aldrin	5.228f	4.368	9862435	28272172	1.417	0.488 #
6)	B beta-BHC	4.493	4.027	579387	3334691	0.201	0.139 #
7)	B delta-BHC	4.768	4.253	11532726	14730882	1.928	0.246 #
8)	B Heptachlo...	5.665	4.870	13069449	-8040522	2.111	N.D. #
9)	A Endosulfan I	0.000	5.214f	0	50138717	N.D.	1.023 #
10)	B gamma-Chl...	5.934	5.110	32315840	304.2E6	5.068	5.450
11)	B alpha-Chl...	6.019	5.175	42786798	273.8E6	6.371	5.113
12)	B 4,4'-DDE	6.170f	5.358	235040	61123589	0.040	1.115 #
13)	MA Dieldrin	6.341	5.482f	1272571	4876578	0.196	0.088 #
14)	MA Endrin	6.589f	5.781	5516984	152.3E6	0.984	2.913 #
15)	B Endosulfa...	6.762	6.074	2096692	98565197	0.345	2.092 #
16)	A 4,4'-DDD	6.715f	5.911	2028204	-2326512	0.441	N.D. #
17)	MA 4,4'-DDT	6.982f	6.166	1186276	22259618	0.230	0.470 #
18)	B Endrin al...	6.913	6.259	983140	12068914	0.235	0.338 #
19)	B Endosulfa...	7.137	6.467	187203	6513021	0.035	0.141 #
20)	A Methoxychlor	0.000	6.722f	0	13074933	N.D.	0.554 #
21)	B Endrin ke...	7.606	0.000	1073675	0	0.191	N.D. #
22)	Mirex	8.103	7.167	1857657	14009747	0.500	0.427
23)	Chlordane-1	4.702	3.892	9576361	76134936	45.615	50.963
24)	Chlordane-2	5.228	4.473	9862435	175.2E6	48.214	110.984 #
25)	Chlordane-3	5.934	5.110	32315840	304.2E6	39.435	59.735 #
26)	Chlordane-4	6.019	5.175	42786798	273.8E6	42.129	64.140 #
27)	Chlordane-5	6.859	6.074	7505851	98565197	42.437	51.984

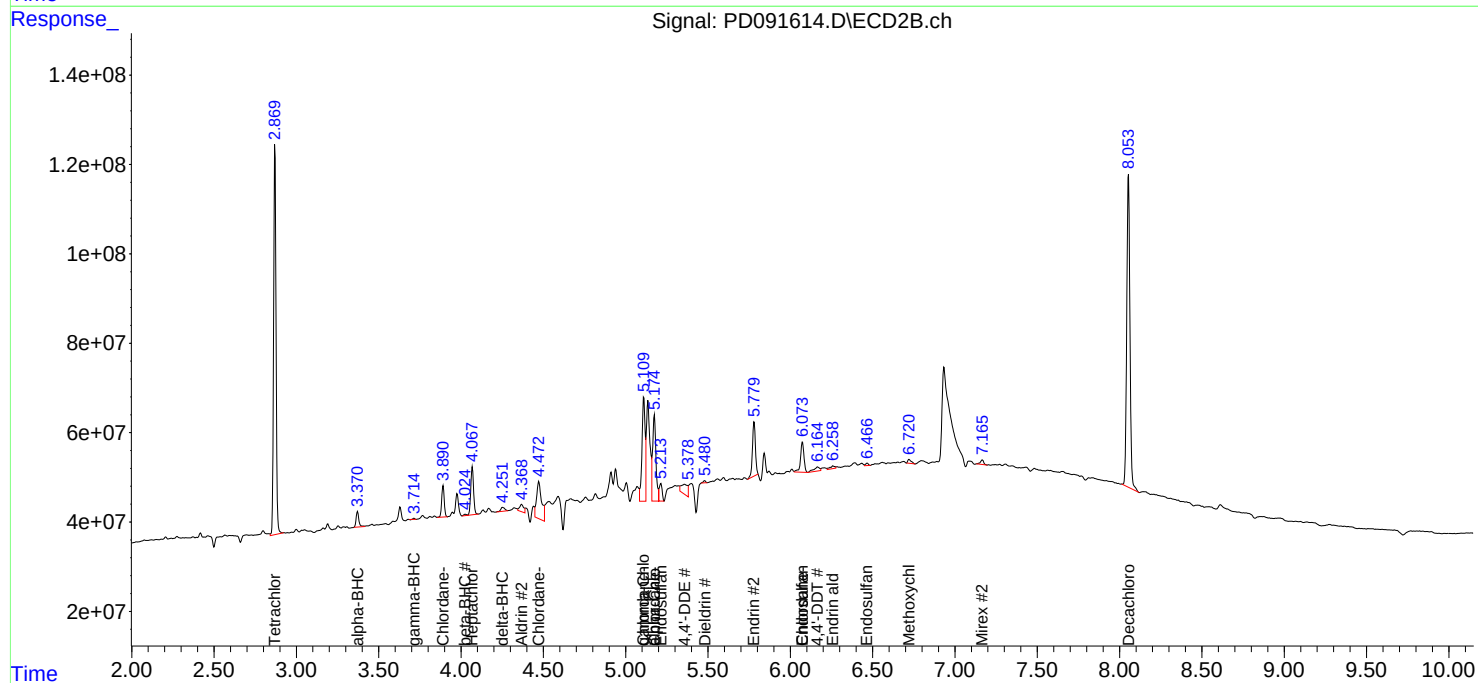
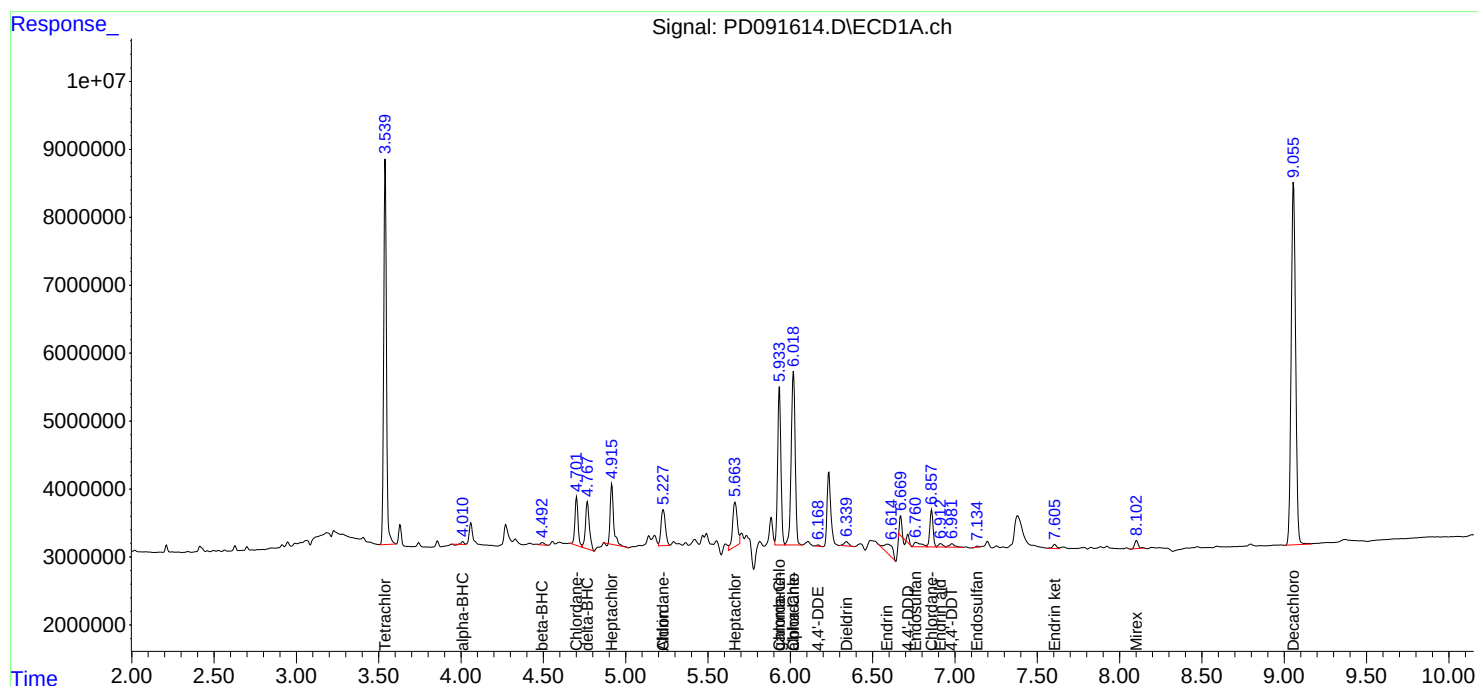
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

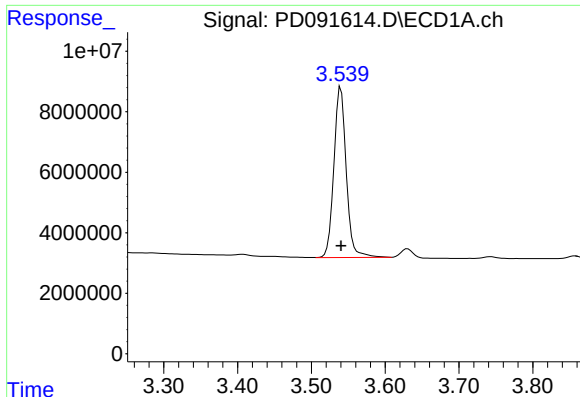
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121625\
Data File : PD091614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 18:22
Operator : AR\AJ
Sample : Q3530-08
Misc : CHLOR LOQ 50PPB
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 04:57:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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

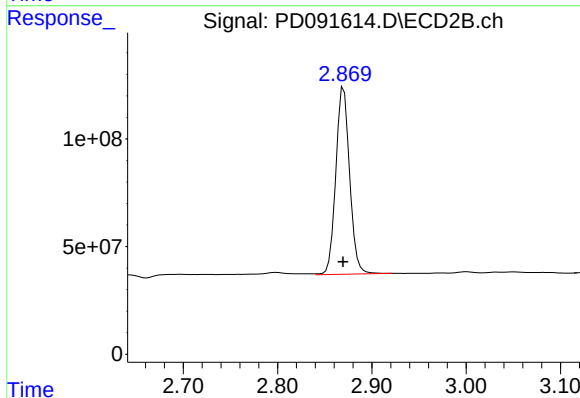




#1 Tetrachloro-m-xylene

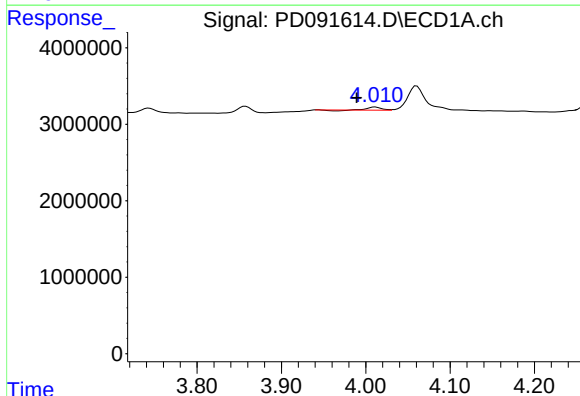
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 65650182
Conc: 18.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



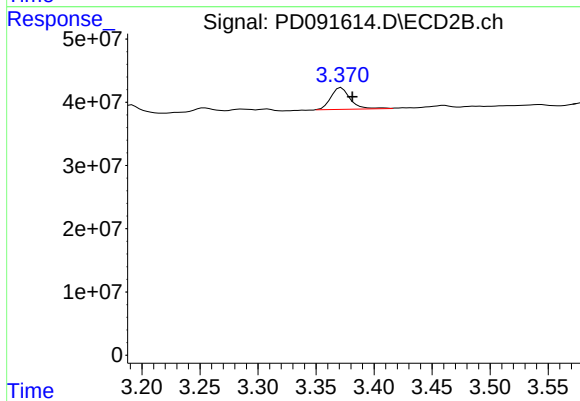
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 884261616
Conc: 22.44 ng/ml



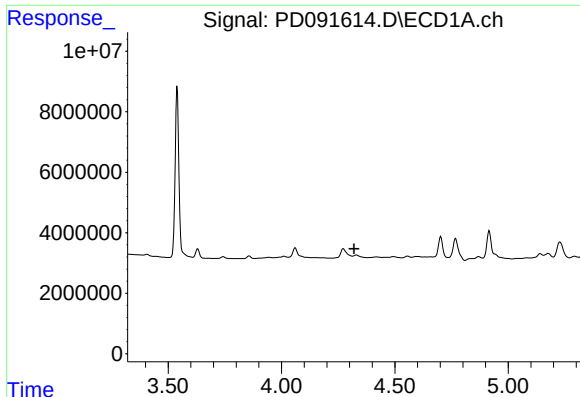
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.022 min
Response: 338443
Conc: 0.04 ng/ml



#2 alpha-BHC

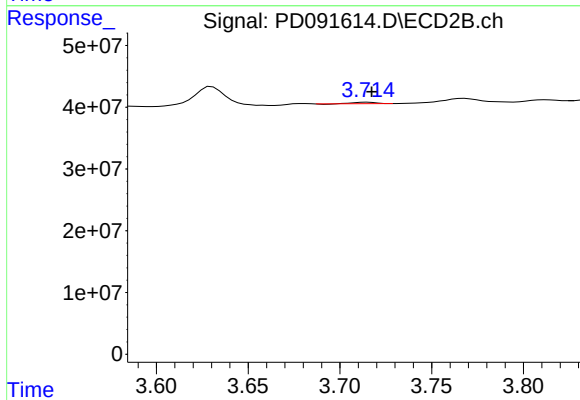
R.T.: 3.372 min
Delta R.T.: -0.009 min
Response: 40162768
Conc: 0.59 ng/ml



#3 gamma-BHC (Lindane)

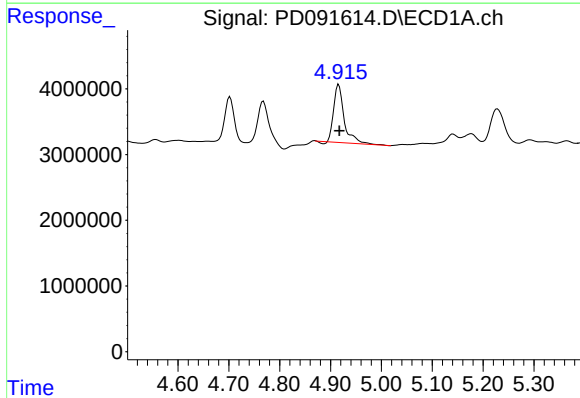
R.T.: 4.330 min
Delta R.T.: 0.010 min
Response: -529303
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



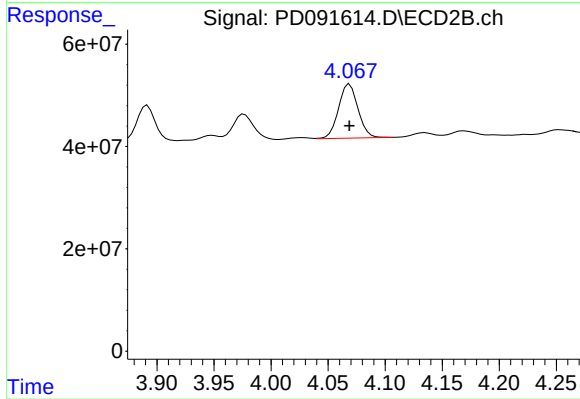
#3 gamma-BHC (Lindane)

R.T.: 3.715 min
Delta R.T.: -0.002 min
Response: 1873871
Conc: 0.03 ng/ml



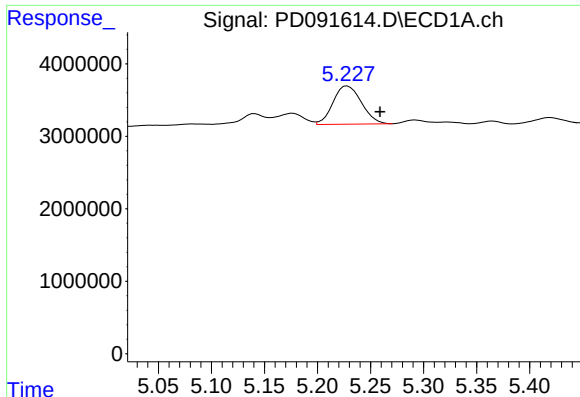
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 12496667
Conc: 1.76 ng/ml



#4 Heptachlor

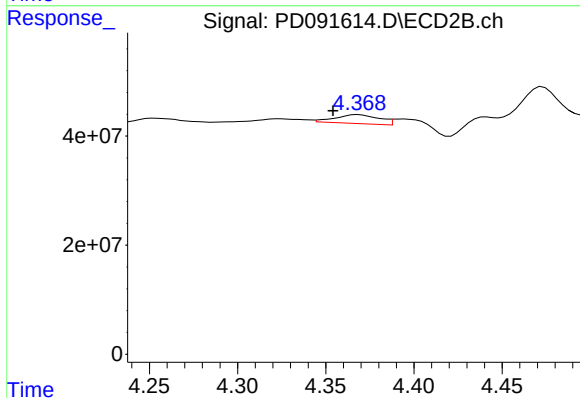
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 125453331
Conc: 2.15 ng/ml



#5 Aldrin

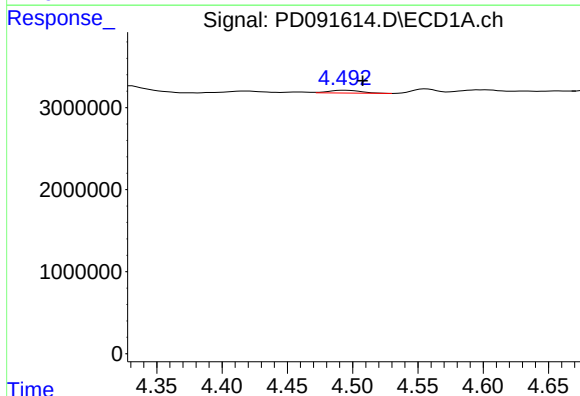
R.T.: 5.228 min
Delta R.T.: -0.031 min
Response: 9862435
Conc: 1.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



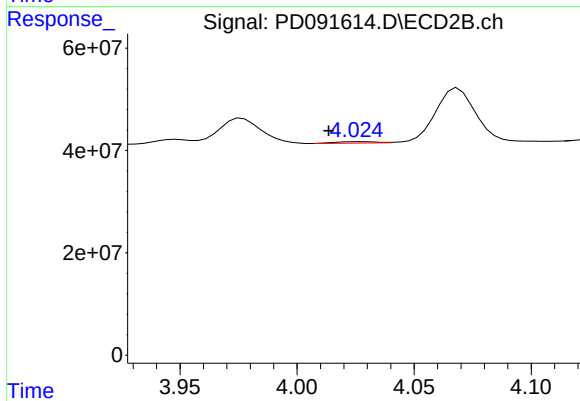
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.014 min
Response: 28272172
Conc: 0.49 ng/ml



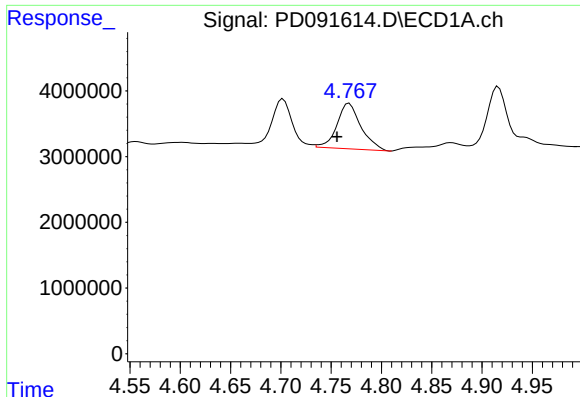
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.014 min
Response: 579387
Conc: 0.20 ng/ml



#6 beta-BHC

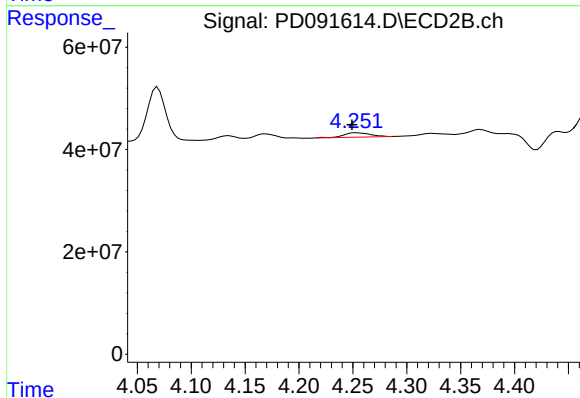
R.T.: 4.027 min
Delta R.T.: 0.013 min
Response: 3334691
Conc: 0.14 ng/ml



#7 delta-BHC

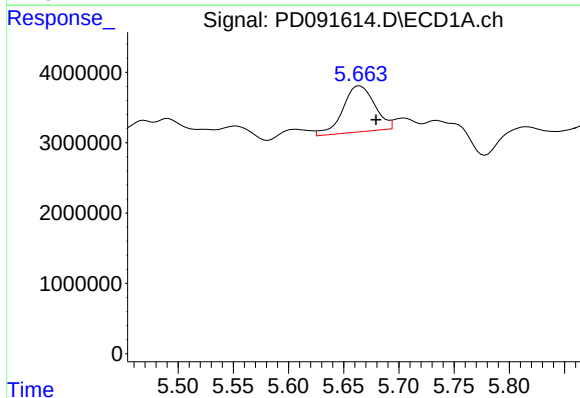
R.T.: 4.768 min
Delta R.T.: 0.012 min
Response: 11532726
Conc: 1.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



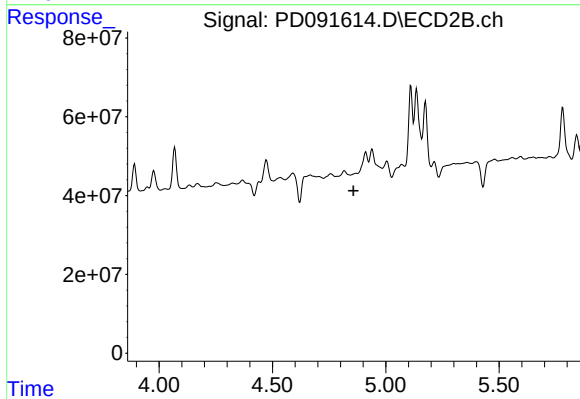
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: 0.003 min
Response: 14730882
Conc: 0.25 ng/ml



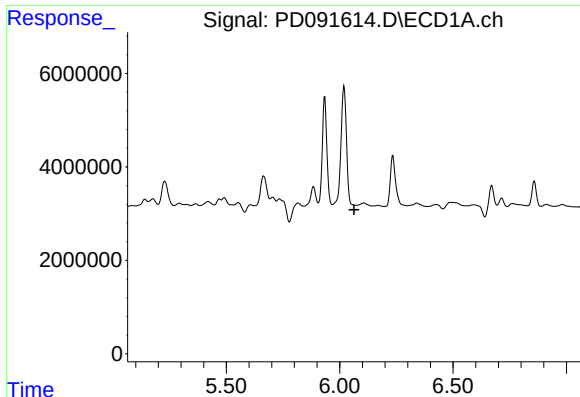
#8 Heptachlor epoxide

R.T.: 5.665 min
Delta R.T.: -0.015 min
Response: 13069449
Conc: 2.11 ng/ml



#8 Heptachlor epoxide

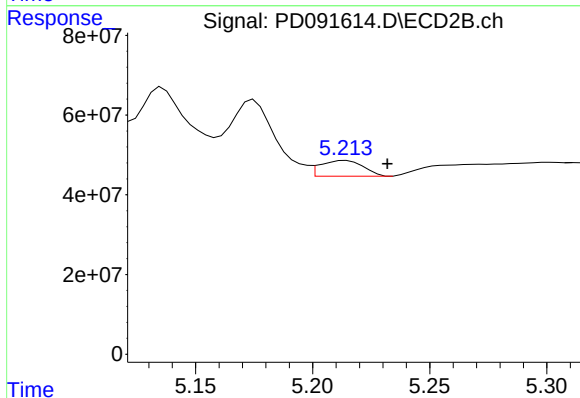
R.T.: 4.870 min
Delta R.T.: 0.013 min
Response: -8040522
Conc: N.D.



#9 Endosulfan I

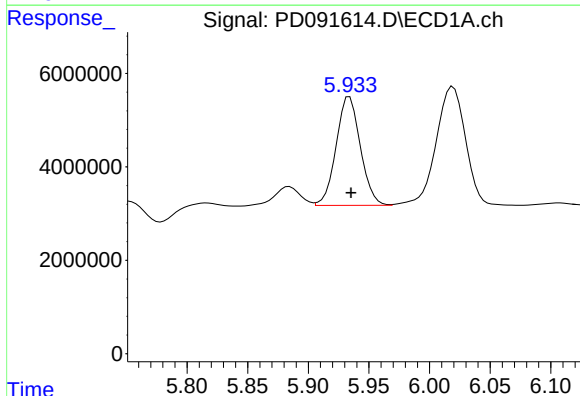
R.T.: 0.000 min
Exp R.T.: 6.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



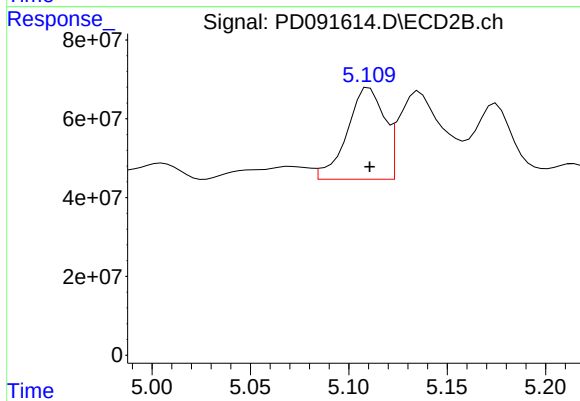
#9 Endosulfan I

R.T.: 5.214 min
Delta R.T.: -0.018 min
Response: 50138717
Conc: 1.02 ng/ml



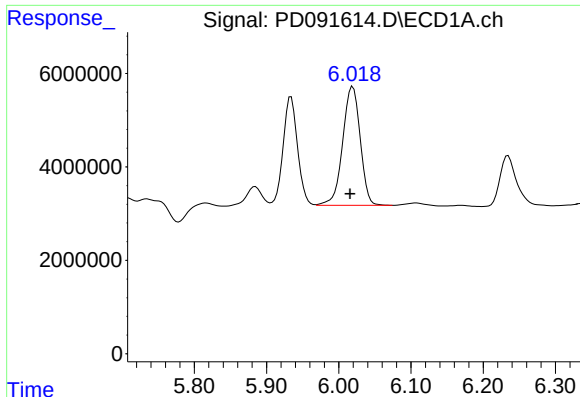
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 32315840
Conc: 5.07 ng/ml



#10 gamma-Chlordane

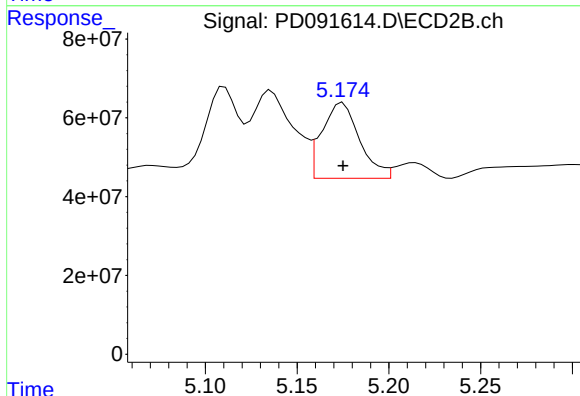
R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 304224659
Conc: 5.45 ng/ml



#11 alpha-Chlordane

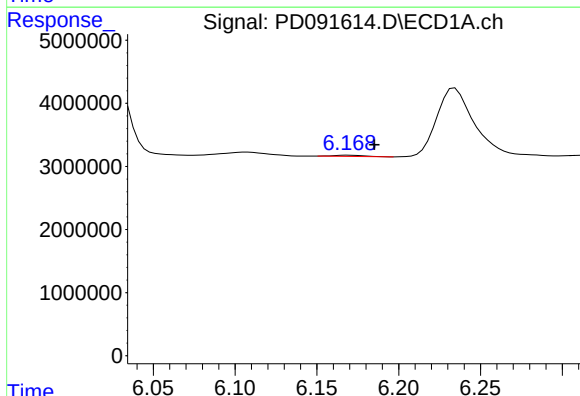
R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 42786798
Conc: 6.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



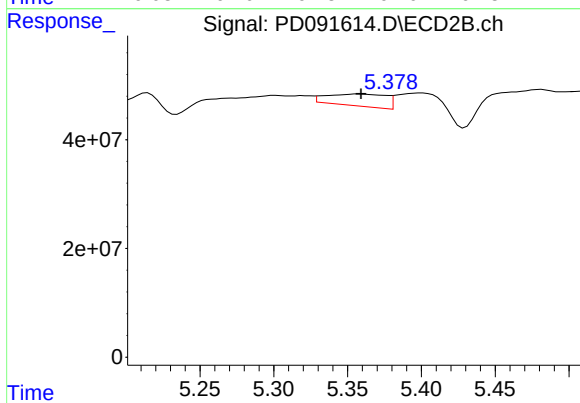
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 273784572
Conc: 5.11 ng/ml



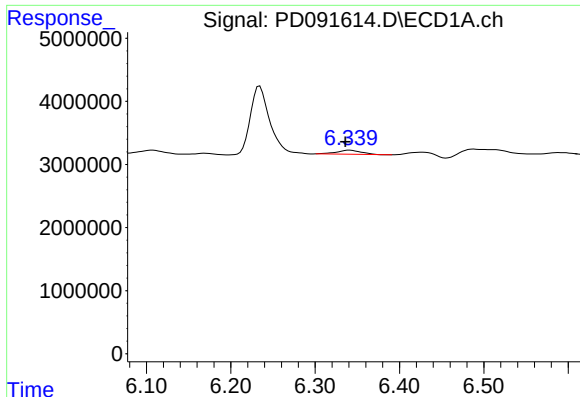
#12 4,4'-DDE

R.T.: 6.170 min
Delta R.T.: -0.015 min
Response: 235040
Conc: 0.04 ng/ml



#12 4,4'-DDE

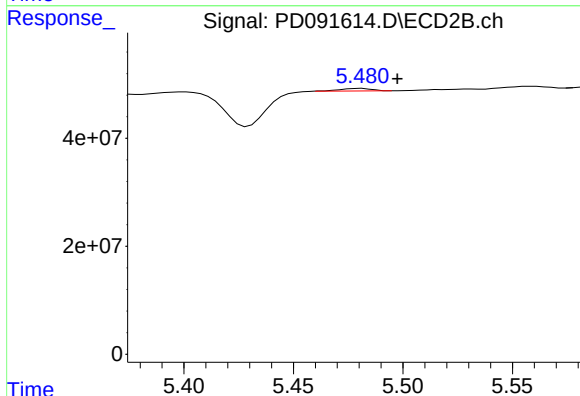
R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 61123589
Conc: 1.12 ng/ml



#13 Dieldrin

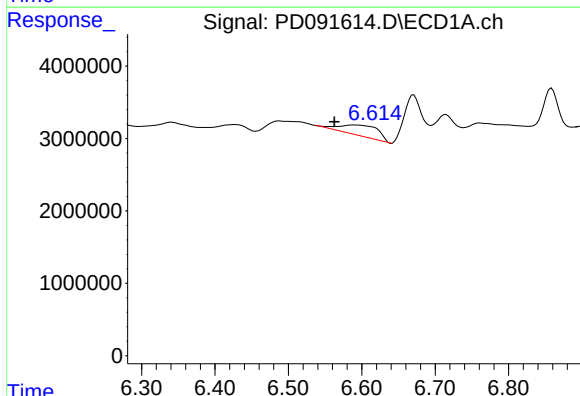
R.T.: 6.341 min
Delta R.T.: 0.005 min
Response: 1272571
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



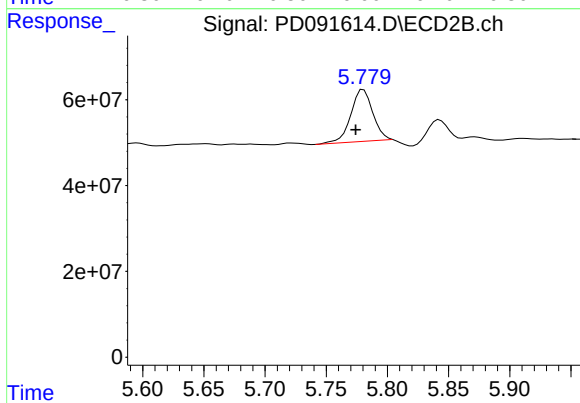
#13 Dieldrin

R.T.: 5.482 min
Delta R.T.: -0.016 min
Response: 4876578
Conc: 0.09 ng/ml



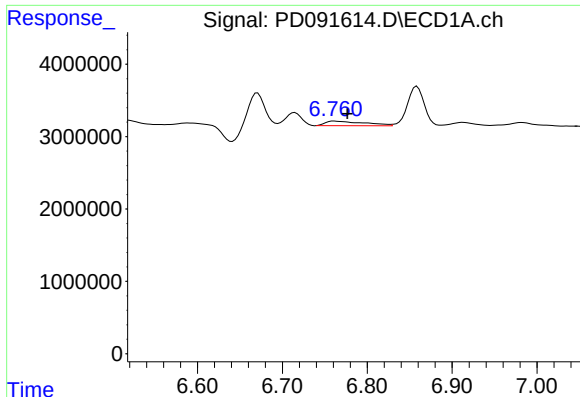
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.026 min
Response: 5516984
Conc: 0.98 ng/ml



#14 Endrin

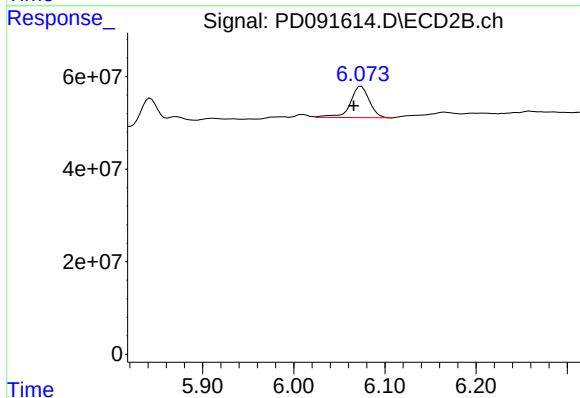
R.T.: 5.781 min
Delta R.T.: 0.007 min
Response: 152301957
Conc: 2.91 ng/ml



#15 Endosulfan II

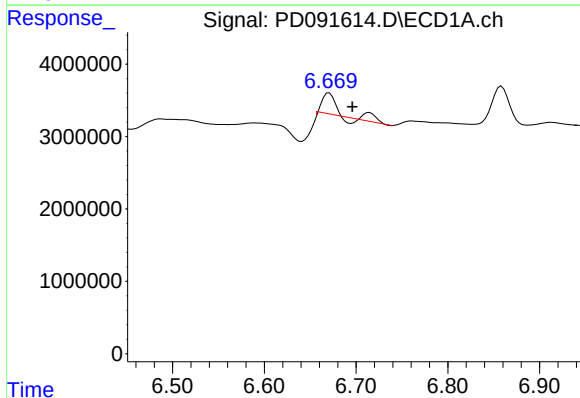
R.T.: 6.762 min
Delta R.T.: -0.015 min
Response: 2096692
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



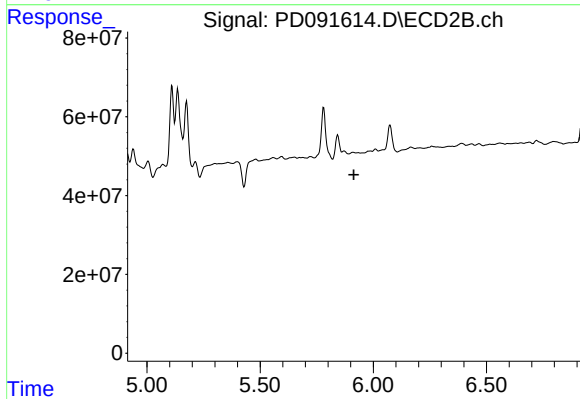
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.008 min
Response: 98565197
Conc: 2.09 ng/ml



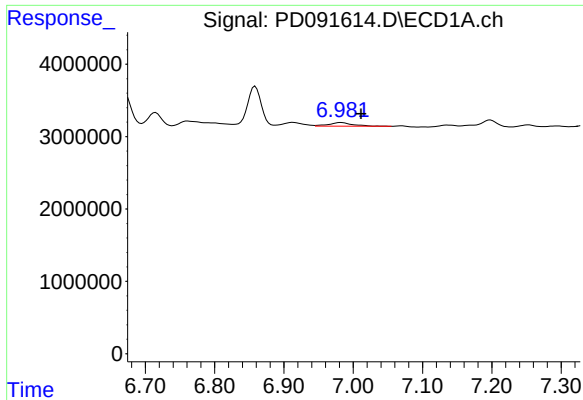
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.019 min
Response: 2028204
Conc: 0.44 ng/ml



#16 4,4'-DDD

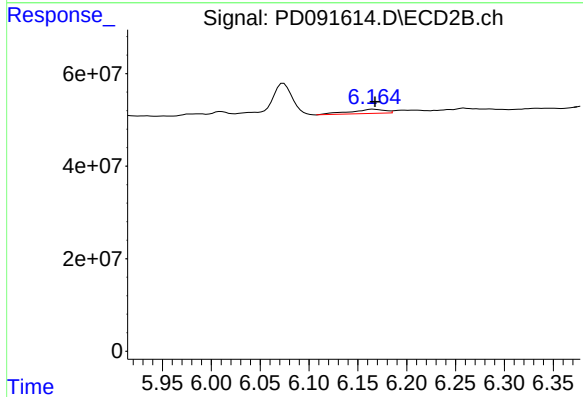
R.T.: 5.911 min
Delta R.T.: -0.003 min
Response: -2326512
Conc: N.D.



#17 4,4'-DDT

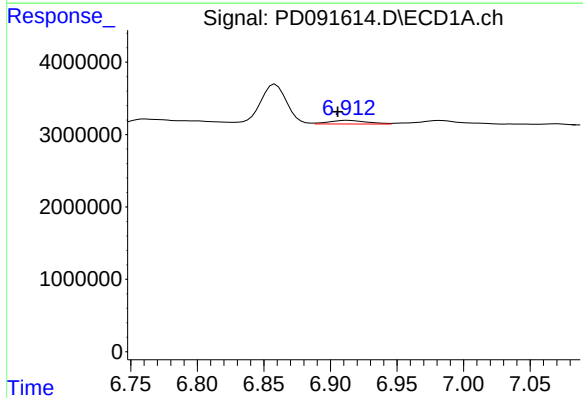
R.T.: 6.982 min
Delta R.T.: -0.029 min
Response: 1186276
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



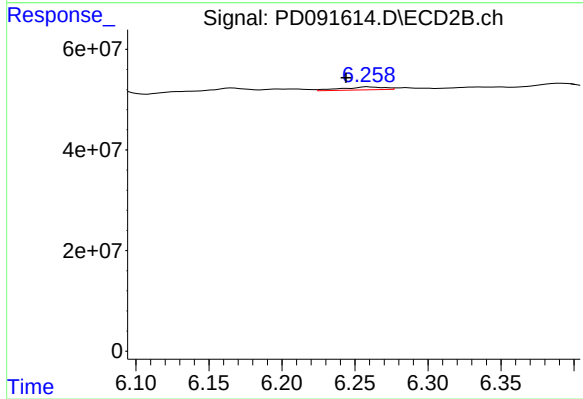
#17 4,4'-DDT

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 22259618
Conc: 0.47 ng/ml



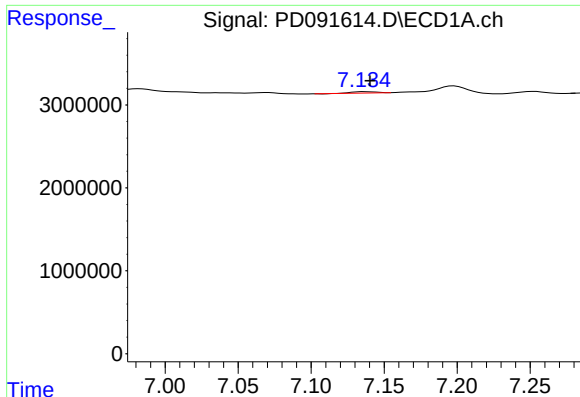
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.008 min
Response: 983140
Conc: 0.24 ng/ml



#18 Endrin aldehyde

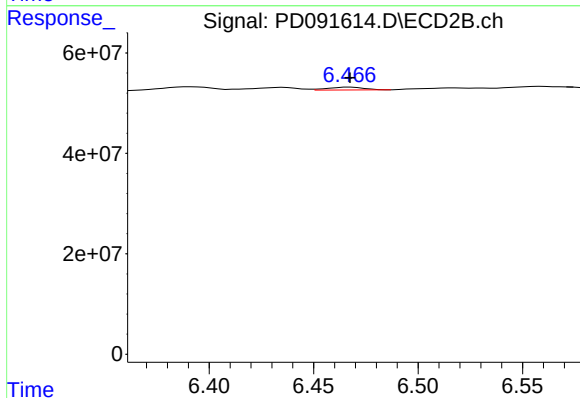
R.T.: 6.259 min
Delta R.T.: 0.015 min
Response: 12068914
Conc: 0.34 ng/ml



#19 Endosulfan Sulfate

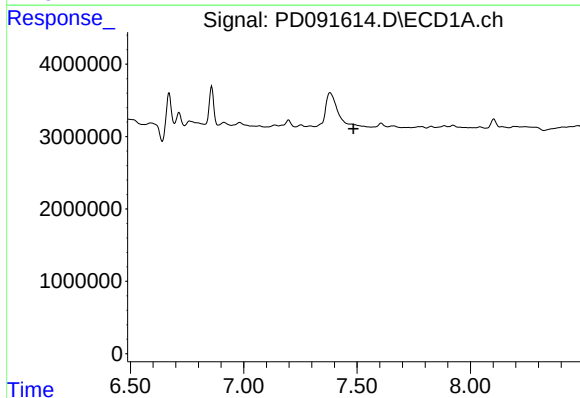
R.T.: 7.137 min
Delta R.T.: -0.004 min
Response: 187203
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



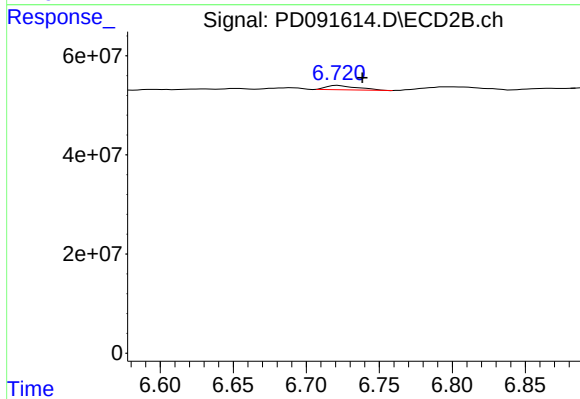
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 6513021
Conc: 0.14 ng/ml



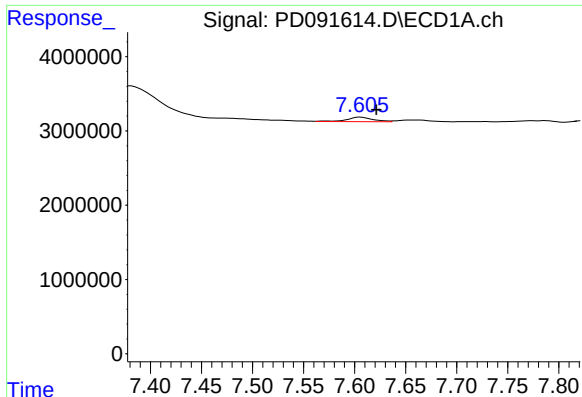
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.484 min
Response: 0
Conc: N.D.



#20 Methoxychlor

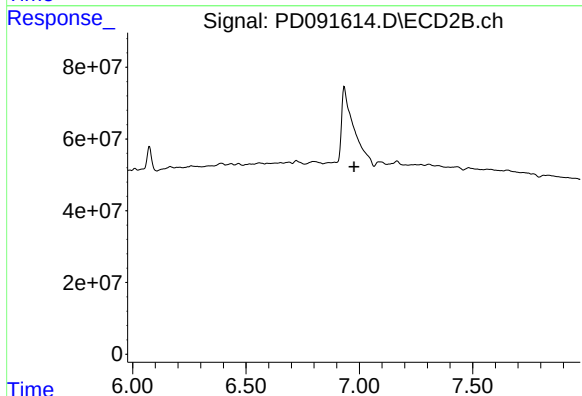
R.T.: 6.722 min
Delta R.T.: -0.017 min
Response: 13074933
Conc: 0.55 ng/ml



#21 Endrin ketone

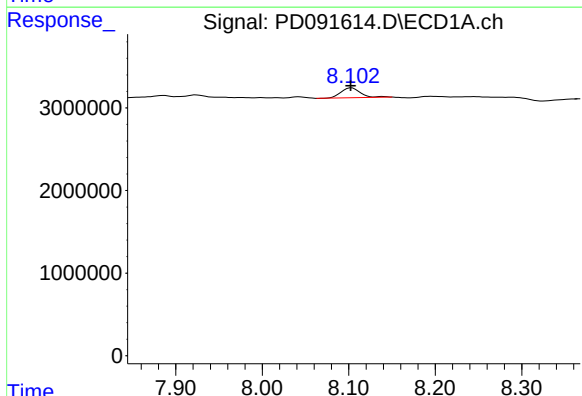
R.T.: 7.606 min
Delta R.T.: -0.015 min
Response: 1073675
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



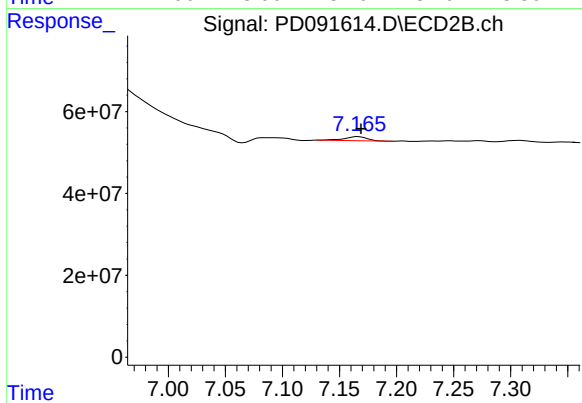
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.977 min
Response: 0
Conc: N.D.



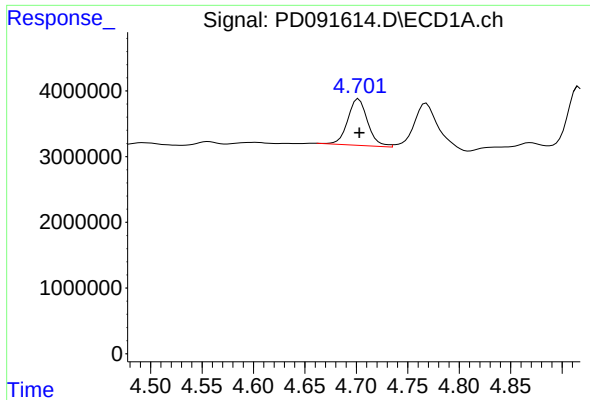
#22 Mirex

R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 1857657
Conc: 0.50 ng/ml



#22 Mirex

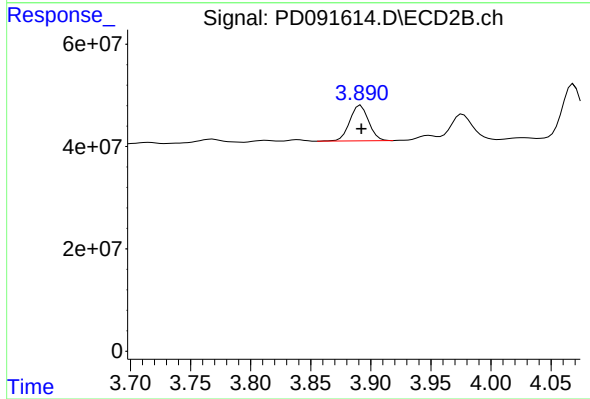
R.T.: 7.167 min
Delta R.T.: -0.002 min
Response: 14009747
Conc: 0.43 ng/ml



#23 Chlordane-1

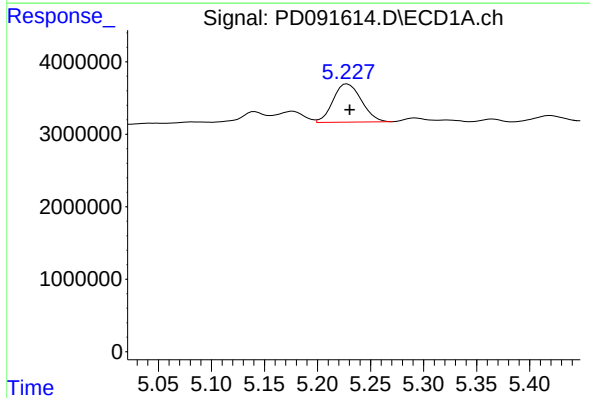
R.T.: 4.702 min
Delta R.T.: 0.000 min
Response: 9576361
Conc: 45.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



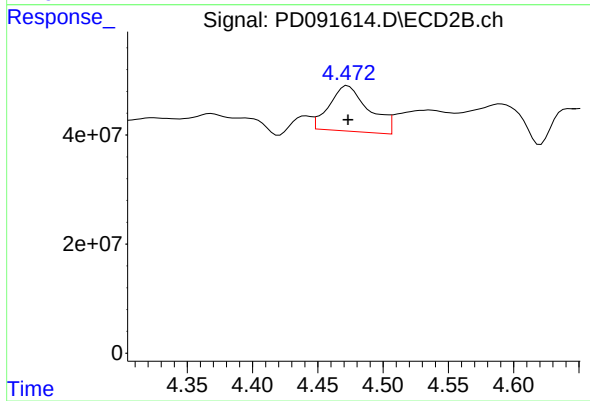
#23 Chlordane-1

R.T.: 3.892 min
Delta R.T.: 0.000 min
Response: 76134936
Conc: 50.96 ng/ml



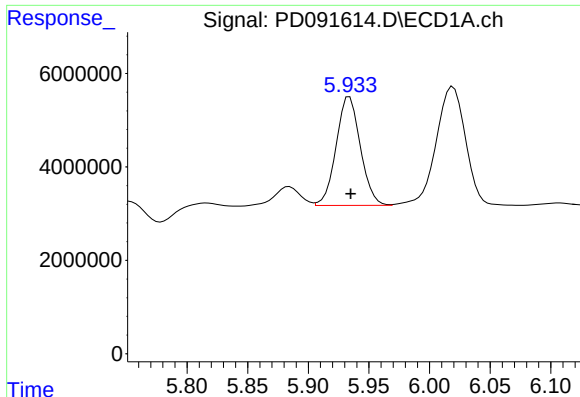
#24 Chlordane-2

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 9862435
Conc: 48.21 ng/ml



#24 Chlordane-2

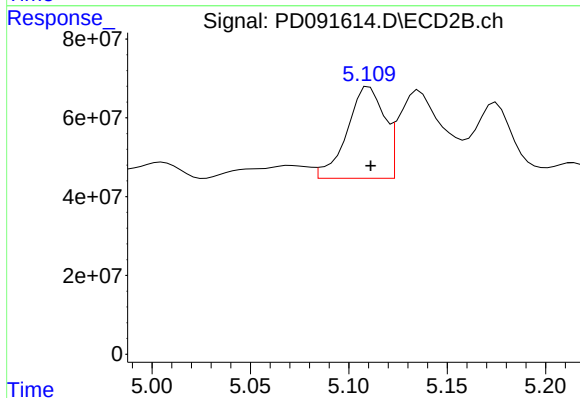
R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 175237698
Conc: 110.98 ng/ml



#25 Chlordane-3

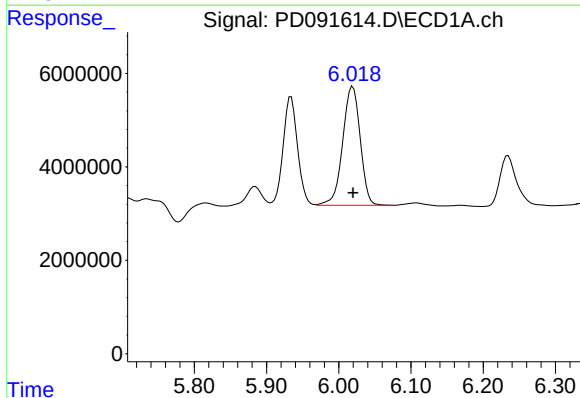
R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 32315840
Conc: 39.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



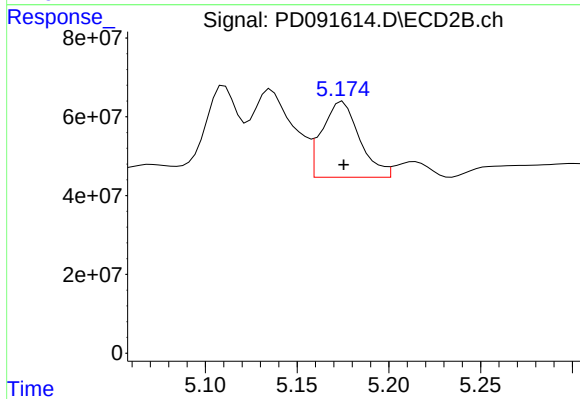
#25 Chlordane-3

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 304224659
Conc: 59.74 ng/ml



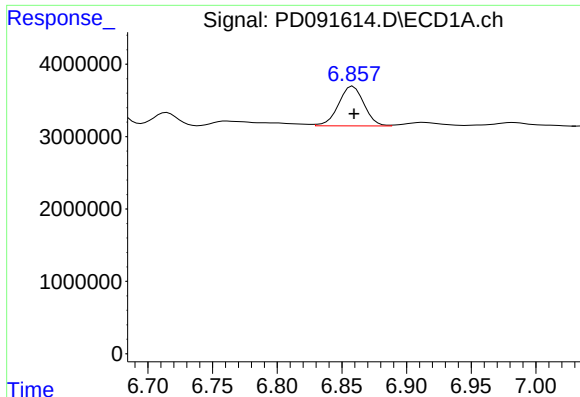
#26 Chlordane-4

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 42786798
Conc: 42.13 ng/ml



#26 Chlordane-4

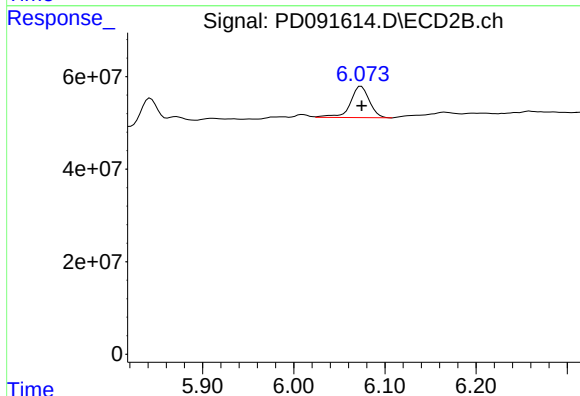
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 273784572
Conc: 64.14 ng/ml



#27 Chlordane-5

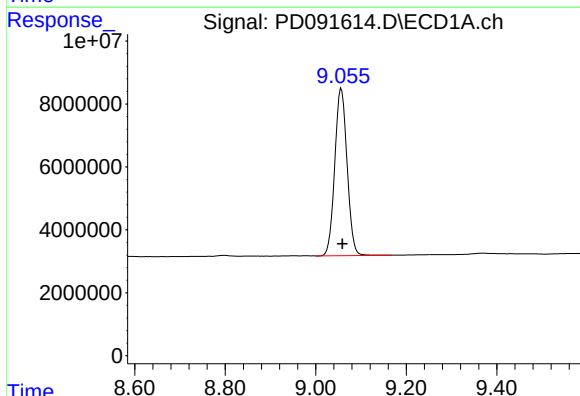
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 7505851
Conc: 42.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2025



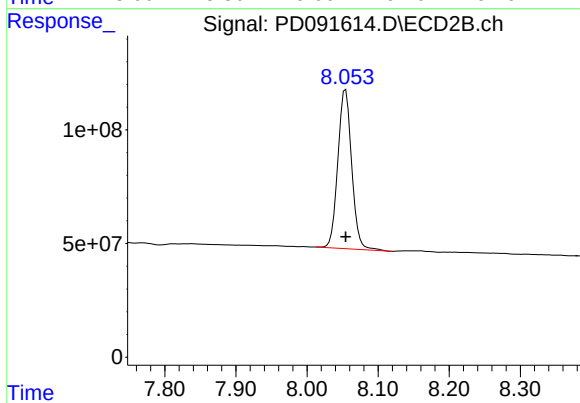
#27 Chlordane-5

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 98565197
Conc: 51.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 100457132
Conc: 19.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 943312965
Conc: 22.78 ng/ml