

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 17:53
 Operator : AR\AJ
 Sample : Q3530-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 21 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 00:49:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.497	2.799	111.5E6	159.4E6	22.083	22.824
28)	SA Decachlor...	8.954	7.947	85731190	148.3E6	22.564	22.553
Target Compounds							
2)	A alpha-BHC	3.943	3.301	39090319	52369520	4.622	4.564
3)	MA gamma-BHC...	4.270	3.631	38012354	50341888	4.742	4.680
4)	MA Heptachlor	4.860	3.977	42601101	45921174	5.350	4.418
5)	MB Aldrin	5.198	4.258	35995533	49770673	4.969	5.033
6)	B beta-BHC	4.460	3.928	17187191	22770942	5.133	4.911
7)	B delta-BHC	4.704	4.159	40188279	49160666	5.189	4.600
8)	B Heptachlo...	5.618	4.759	47542866	46400829	7.146	5.153 #
9)	A Endosulfan I	5.999	5.129	30442716	65537627	5.171	6.433
10)	B gamma-Chl...	5.872	5.010	33030183	83389832	5.088	8.187 #
11)	B alpha-Chl...	5.952	5.074	33746862	66413157	5.197	6.476
12)	B 4,4'-DDE	6.122	5.263	24546193	42245243	4.179	4.795
13)	MA Dieldrin	6.270	5.393	30225642	46253932	4.926	4.936
14)	MA Endrin	6.497	5.667	22560611	37493791	4.356	4.487
15)	B Endosulfa...	6.712	5.959	28359305	41873421	5.550	5.059
16)	A 4,4'-DDD	6.632	5.815	24789649	39369613	5.352	5.249
17)	MA 4,4'-DDT	6.946	6.067	17981223	24009435	3.754	3.130
18)	B Endrin al...	6.840	6.138	22454652	34166785	5.699	5.351
19)	B Endosulfa...	7.074	6.361	29462557	42299303	5.943	5.196
20)	A Methoxychlor	7.418	6.639	9893069	14722928	3.931	3.523
21)	B Endrin ke...	7.552	6.864	25978747	48239615	4.999	5.407
22)	Mirex	8.028	7.052	19689869	36512745	5.709	5.656
24)	Chlordane-2	5.198f	0.000	35995533	0	148.993	N.D. #
25)	Chlordane-3	5.872	5.010	33030183	83389832	37.434	95.506 #
26)	Chlordane-4	5.952	5.074	33746862	66413157	31.869	82.266 #
27)	Chlordane-5	0.000	5.959	0	41873421	N.D.	127.287 #

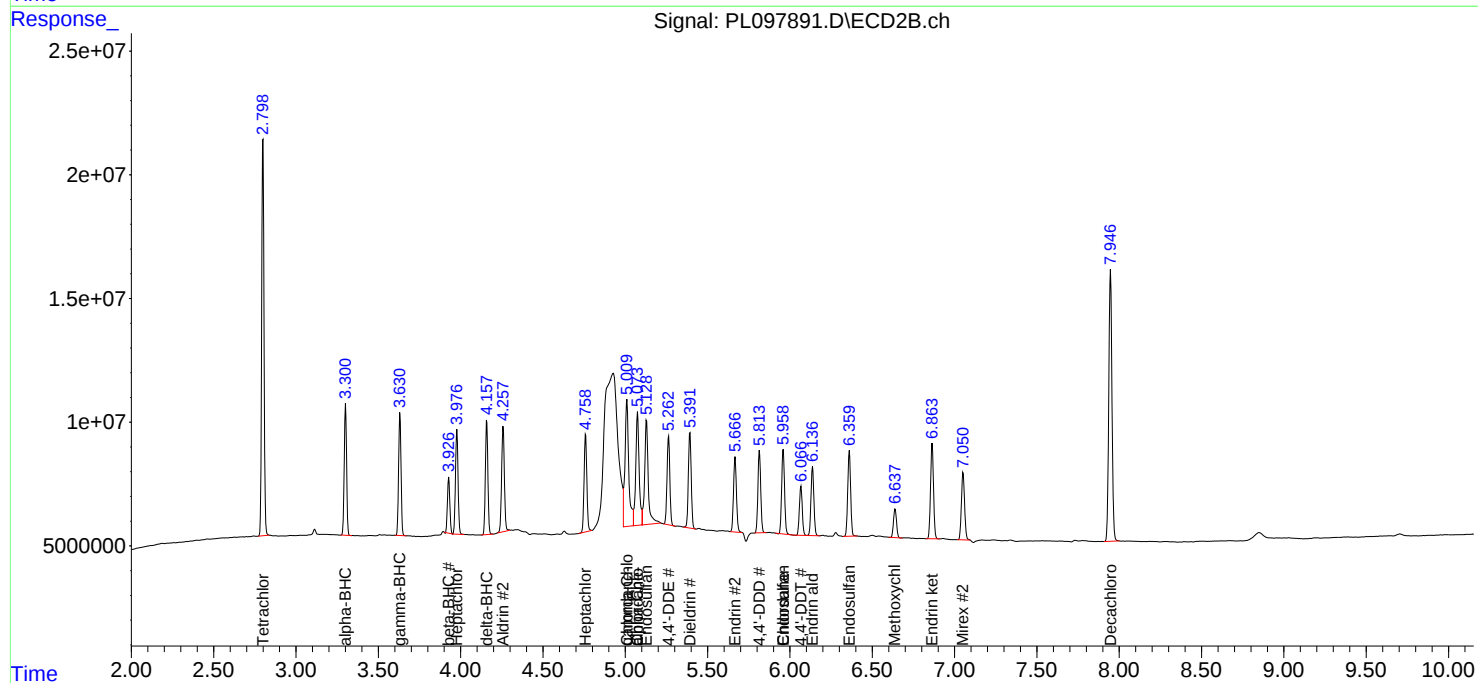
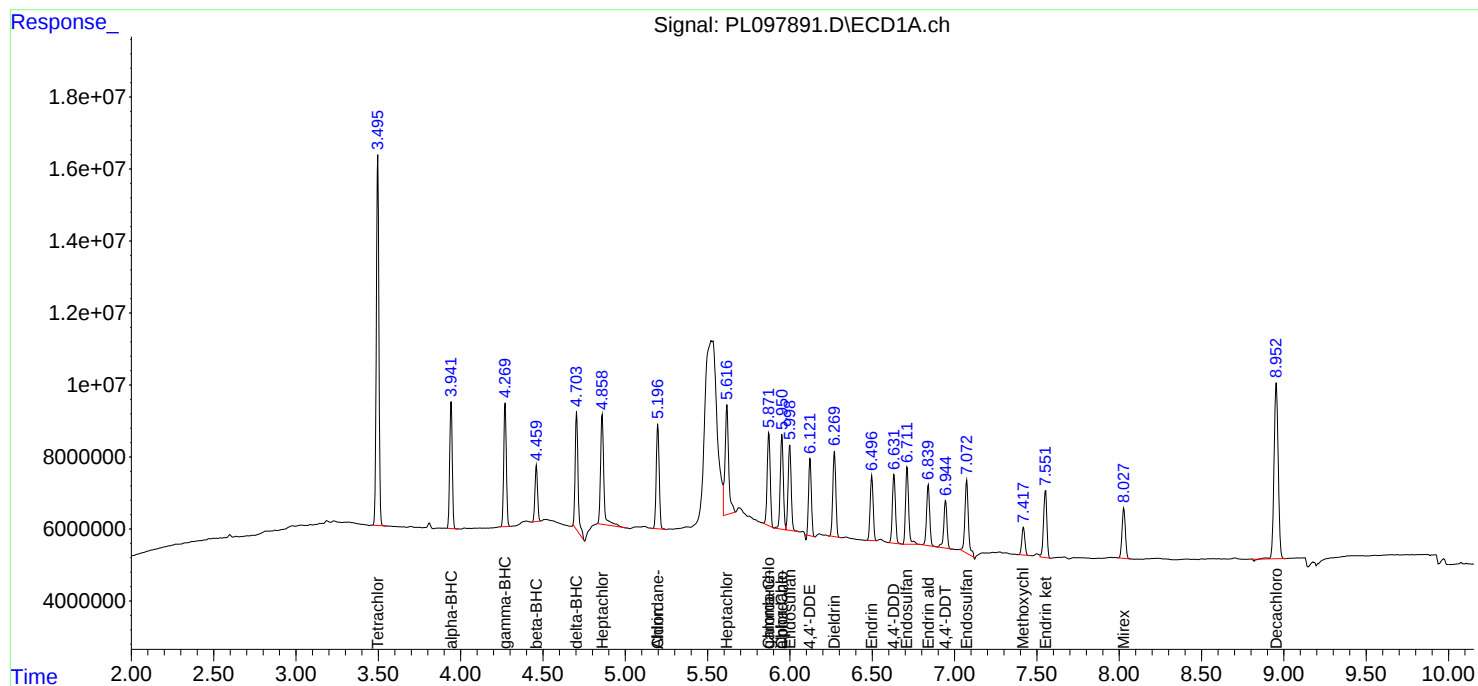
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

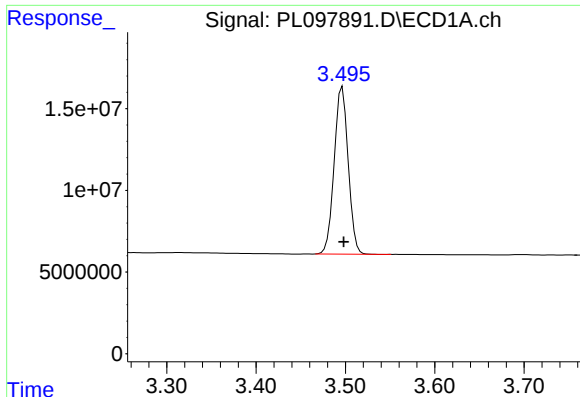
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 17:53
Operator : AR\AJ
Sample : Q3530-08
Misc : PEST LOQ 5PPB
ALS Vial : 21 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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 x0.25µm

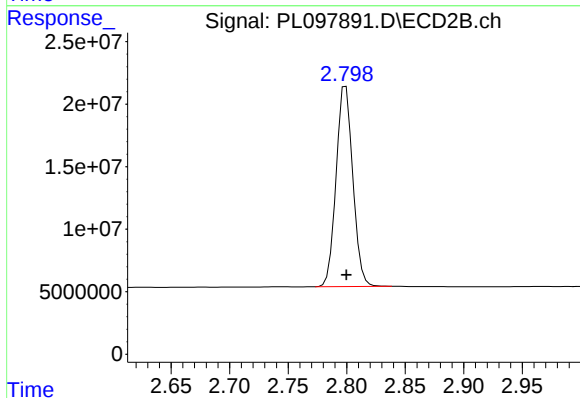




#1 Tetrachloro-m-xylene

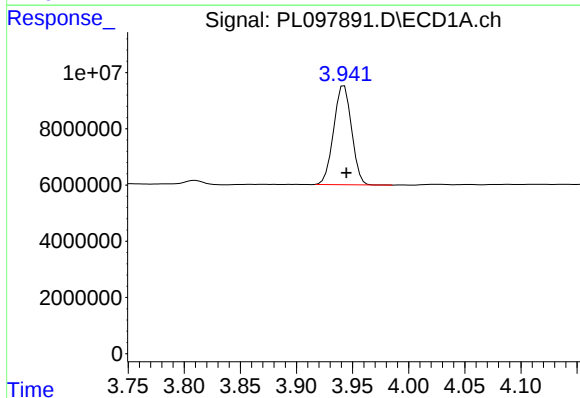
R.T.: 3.497 min
Delta R.T.: -0.001 min
Response: 111453354
Conc: 22.08 ng/ml

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



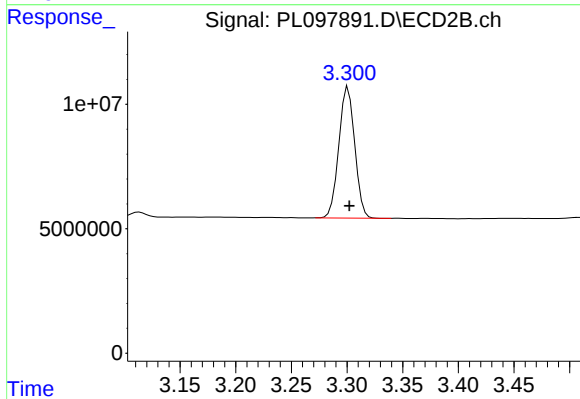
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 159431634
Conc: 22.82 ng/ml



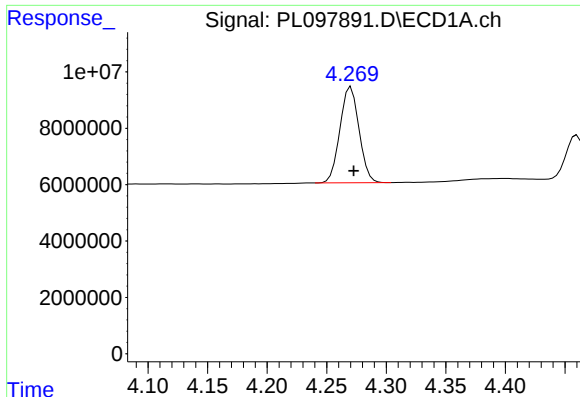
#2 alpha-BHC

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 39090319
Conc: 4.62 ng/ml



#2 alpha-BHC

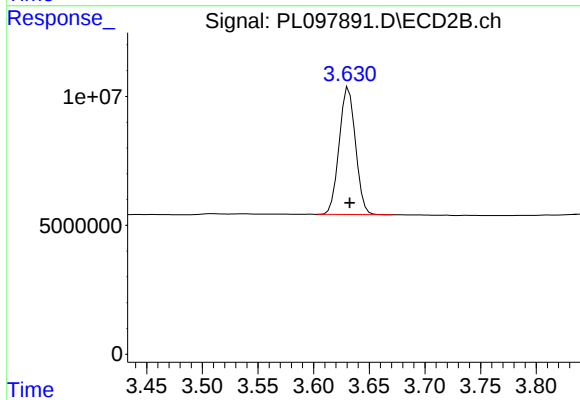
R.T.: 3.301 min
Delta R.T.: -0.001 min
Response: 52369520
Conc: 4.56 ng/ml



#3 gamma-BHC (Lindane)

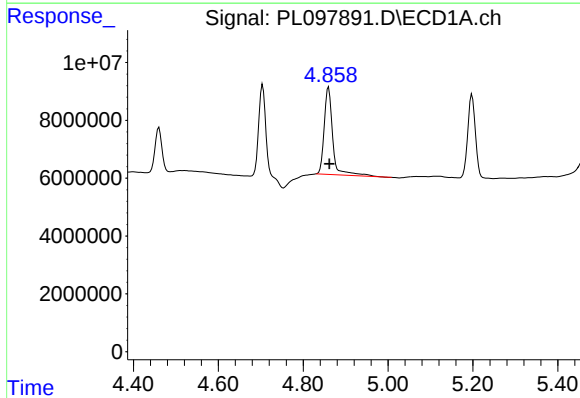
R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 38012354
Conc: 4.74 ng/ml

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



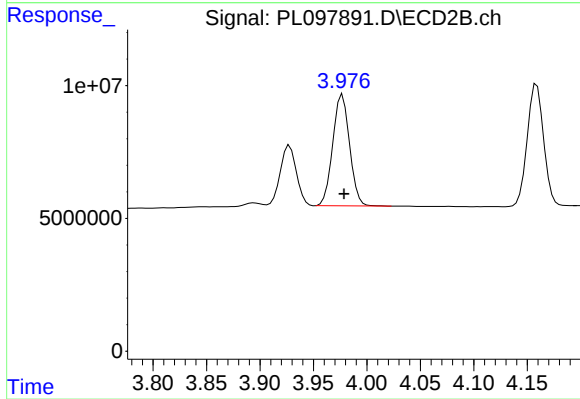
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.001 min
Response: 50341888
Conc: 4.68 ng/ml



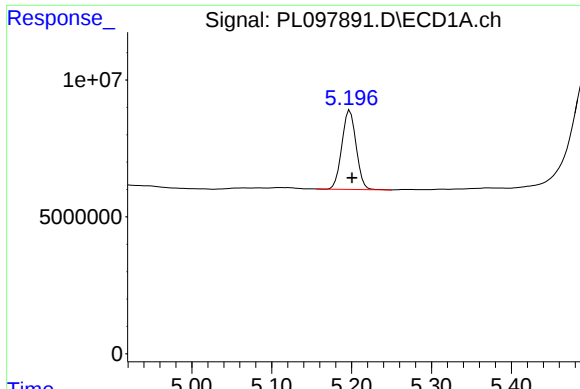
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 42601101
Conc: 5.35 ng/ml



#4 Heptachlor

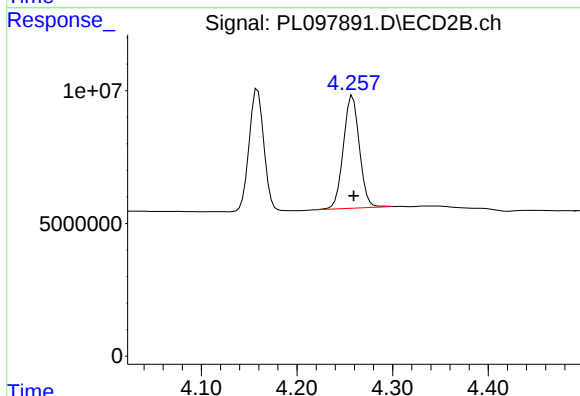
R.T.: 3.977 min
Delta R.T.: -0.001 min
Response: 45921174
Conc: 4.42 ng/ml



#5 Aldrin

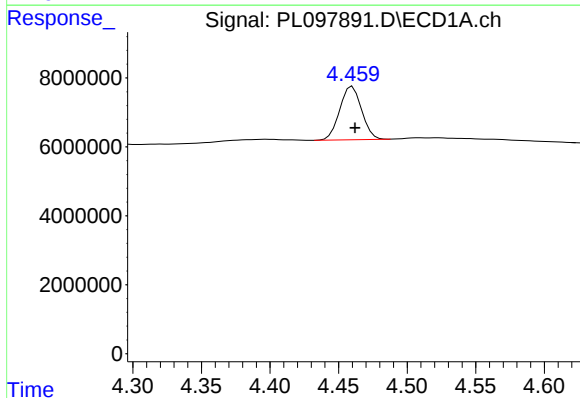
R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 35995533
Conc: 4.97 ng/ml

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



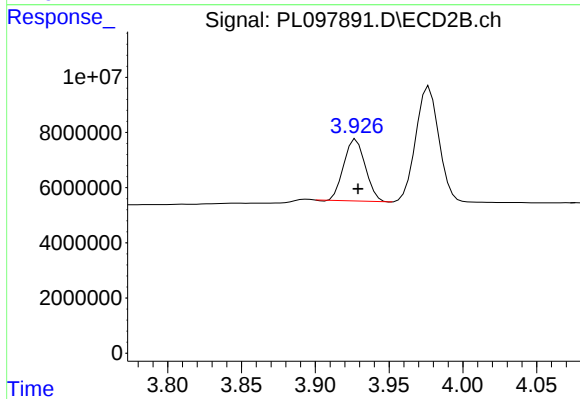
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.002 min
Response: 49770673
Conc: 5.03 ng/ml



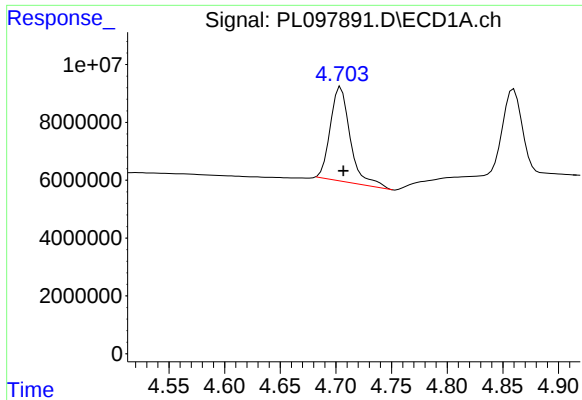
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 17187191
Conc: 5.13 ng/ml



#6 beta-BHC

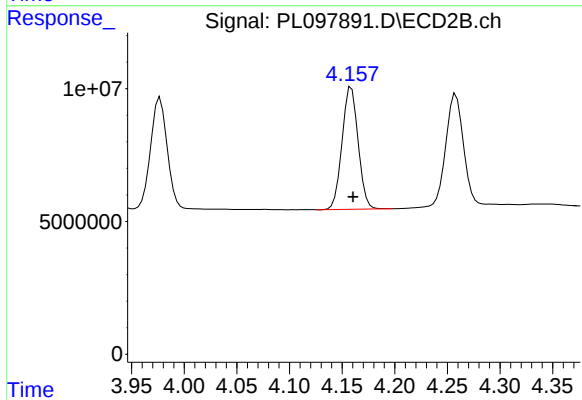
R.T.: 3.928 min
Delta R.T.: -0.001 min
Response: 22770942
Conc: 4.91 ng/ml



#7 delta-BHC

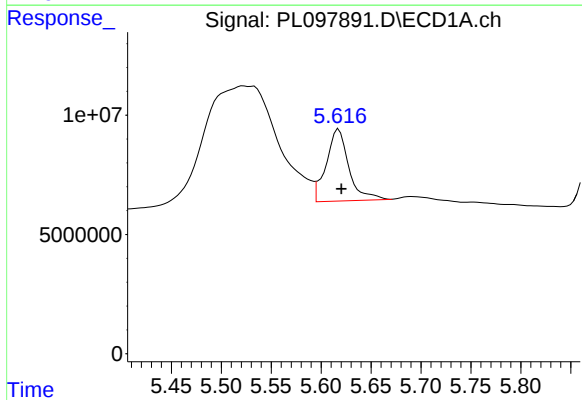
R.T.: 4.704 min
Delta R.T.: -0.002 min
Response: 40188279
Conc: 5.19 ng/ml

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



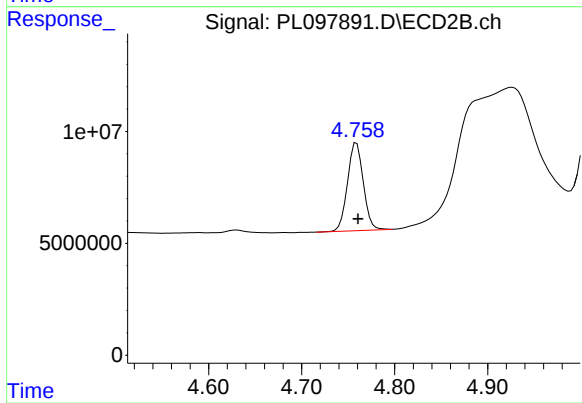
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.001 min
Response: 49160666
Conc: 4.60 ng/ml



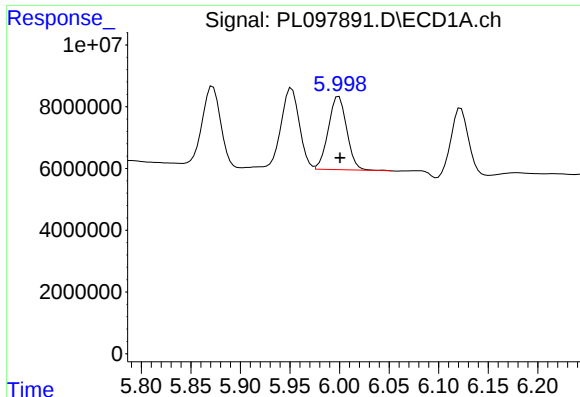
#8 Heptachlor epoxide

R.T.: 5.618 min
Delta R.T.: -0.003 min
Response: 47542866
Conc: 7.15 ng/ml



#8 Heptachlor epoxide

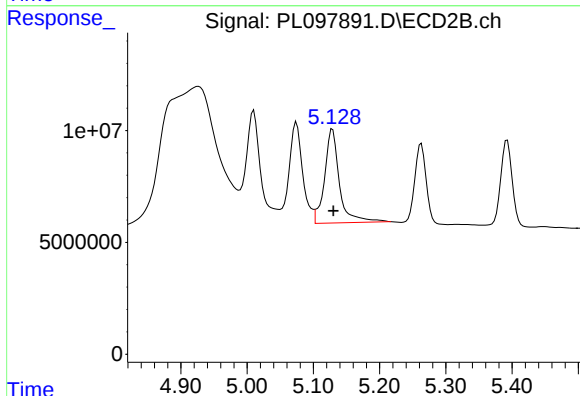
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 46400829
Conc: 5.15 ng/ml



#9 Endosulfan I

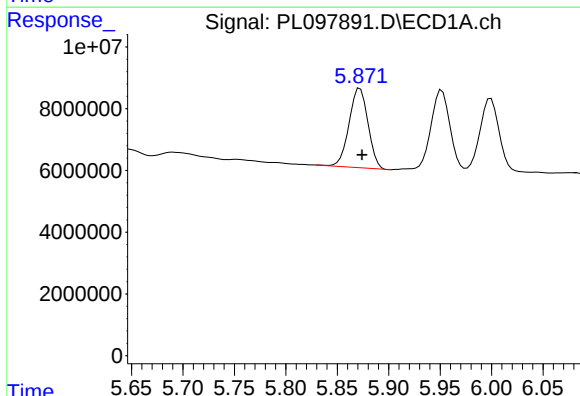
R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 30442716
Conc: 5.17 ng/ml

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



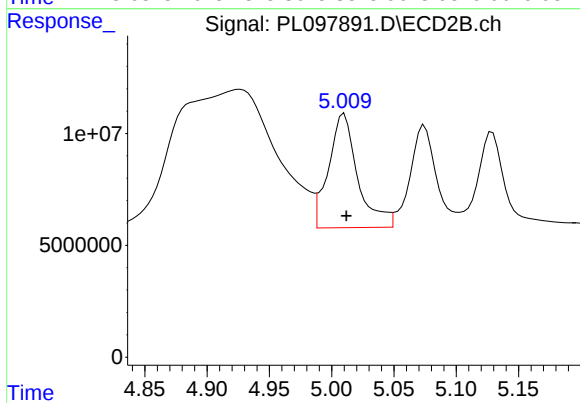
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 65537627
Conc: 6.43 ng/ml



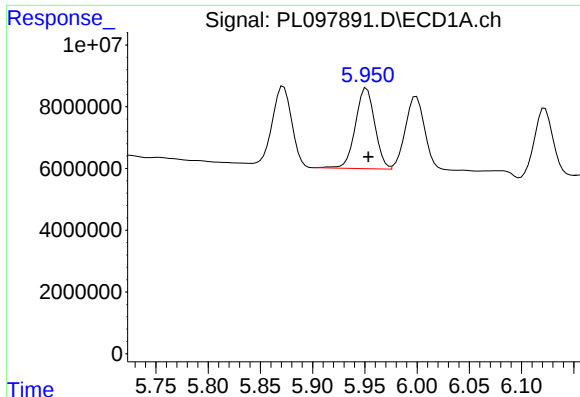
#10 gamma-Chlordane

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 33030183
Conc: 5.09 ng/ml



#10 gamma-Chlordane

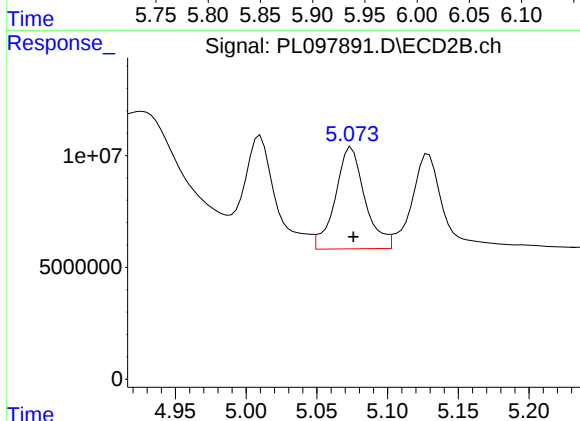
R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 83389832
Conc: 8.19 ng/ml



#11 alpha-Chlordane

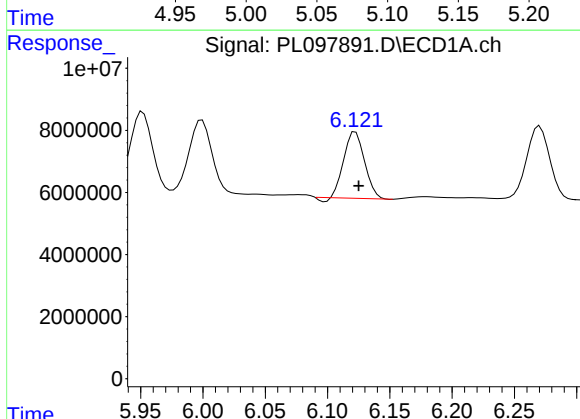
R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 33746862
Conc: 5.20 ng/ml

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



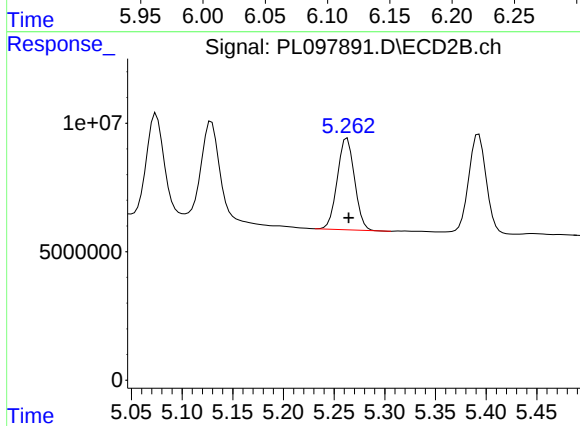
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 66413157
Conc: 6.48 ng/ml



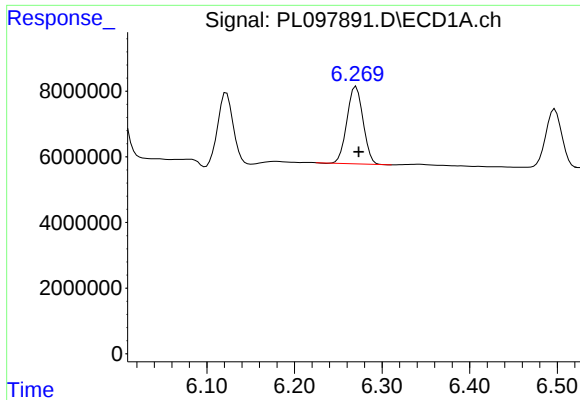
#12 4,4'-DDE

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 24546193
Conc: 4.18 ng/ml



#12 4,4'-DDE

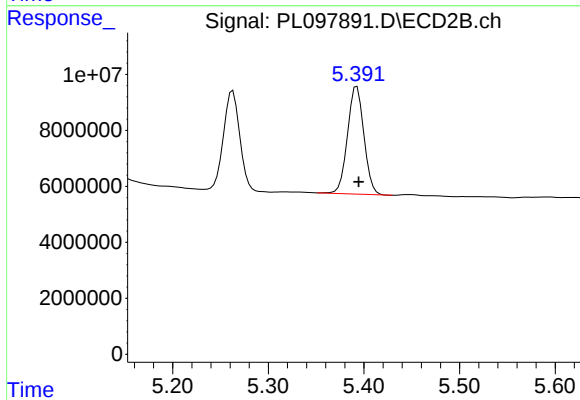
R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 42245243
Conc: 4.79 ng/ml



#13 Dieldrin

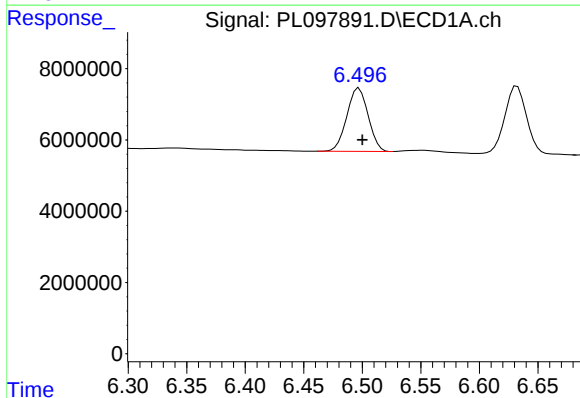
R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 30225642
Conc: 4.93 ng/ml

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



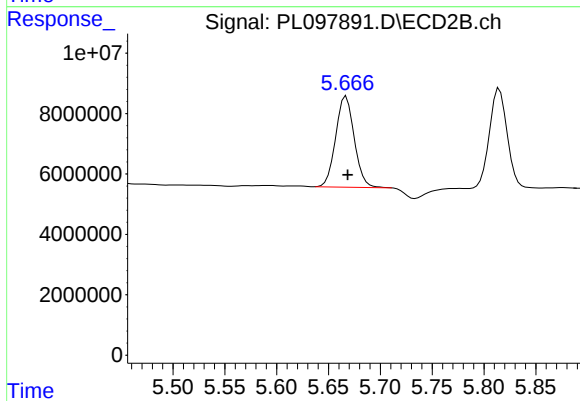
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 46253932
Conc: 4.94 ng/ml



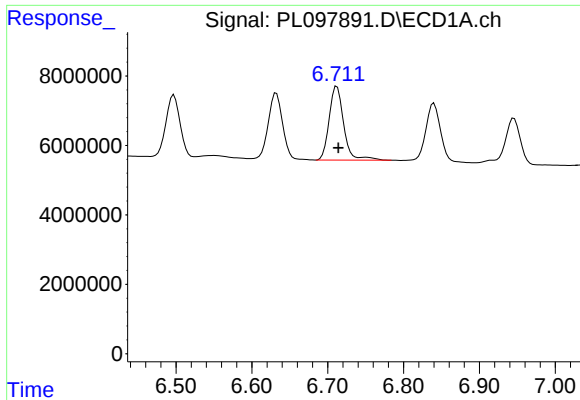
#14 Endrin

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 22560611
Conc: 4.36 ng/ml



#14 Endrin

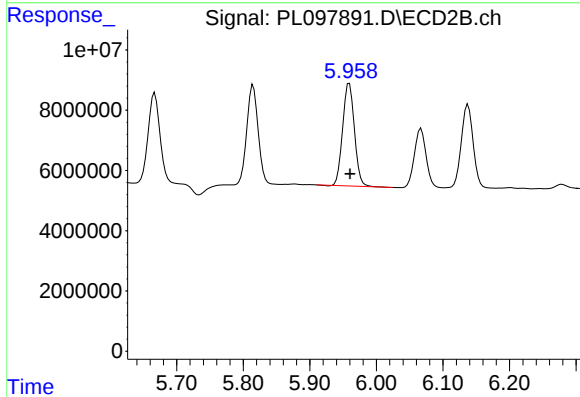
R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 37493791
Conc: 4.49 ng/ml



#15 Endosulfan II

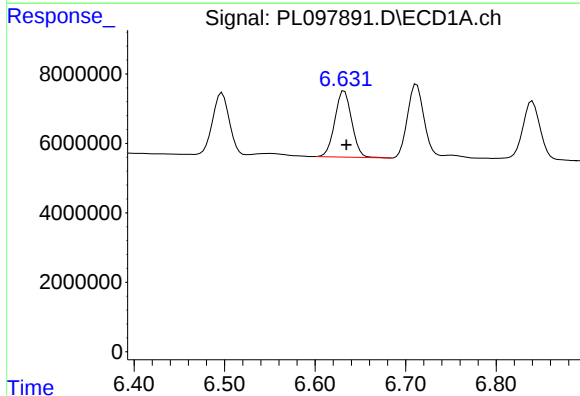
R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 28359305
Conc: 5.55 ng/ml

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



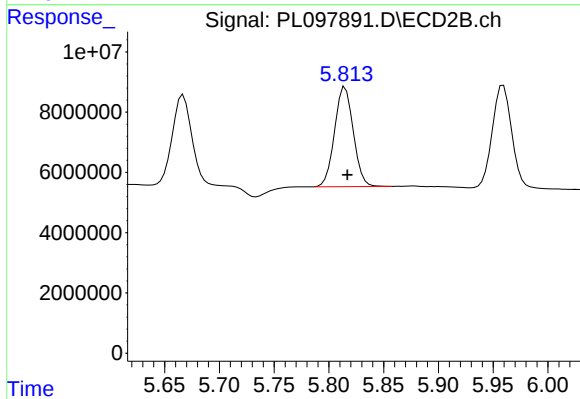
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 41873421
Conc: 5.06 ng/ml



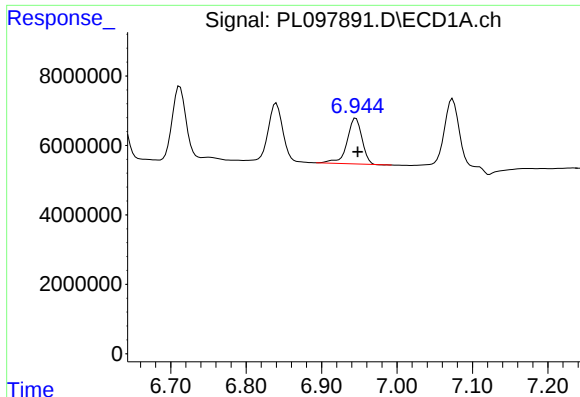
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 24789649
Conc: 5.35 ng/ml



#16 4,4'-DDD

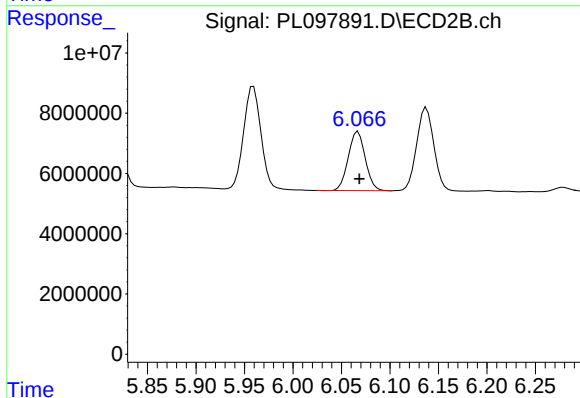
R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 39369613
Conc: 5.25 ng/ml



#17 4,4'-DDT

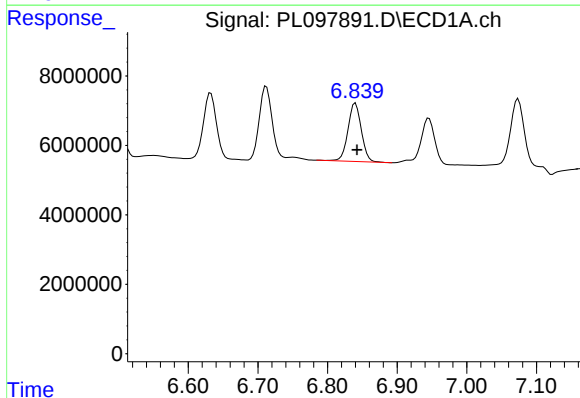
R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 17981223
Conc: 3.75 ng/ml

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



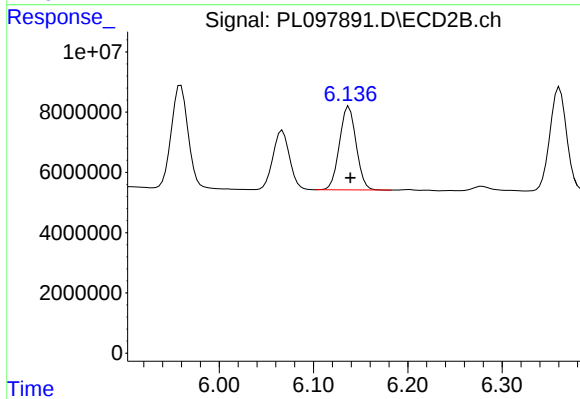
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 24009435
Conc: 3.13 ng/ml



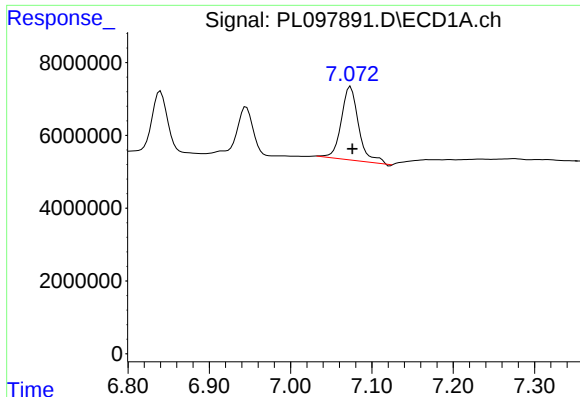
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 22454652
Conc: 5.70 ng/ml



#18 Endrin aldehyde

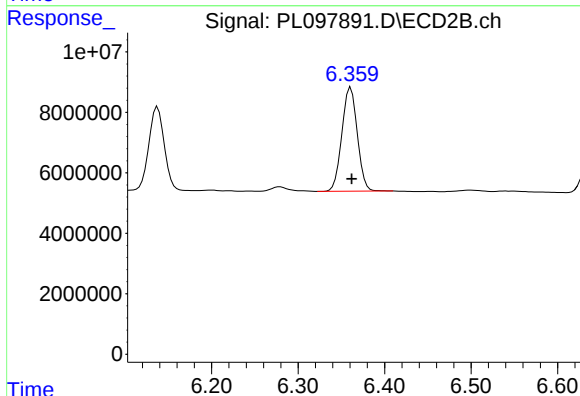
R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 34166785
Conc: 5.35 ng/ml



#19 Endosulfan Sulfate

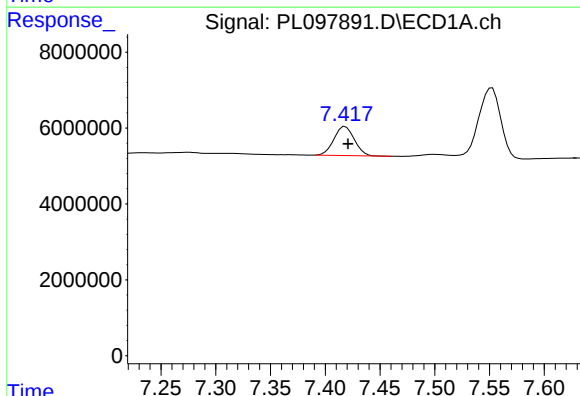
R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 29462557
Conc: 5.94 ng/ml

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



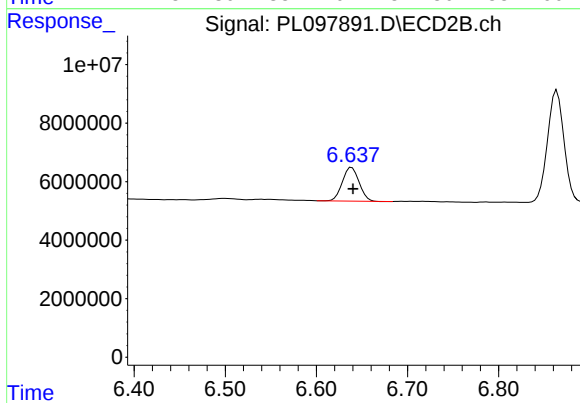
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 42299303
Conc: 5.20 ng/ml



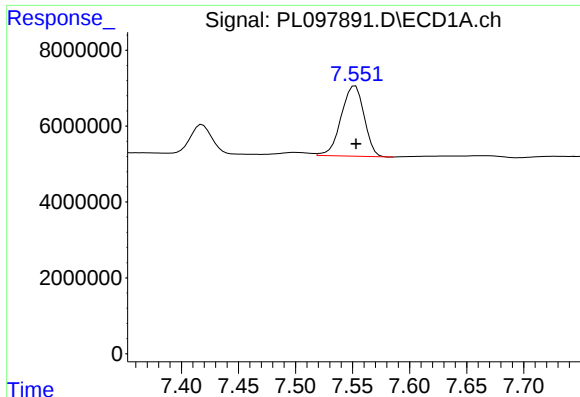
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 9893069
Conc: 3.93 ng/ml



#20 Methoxychlor

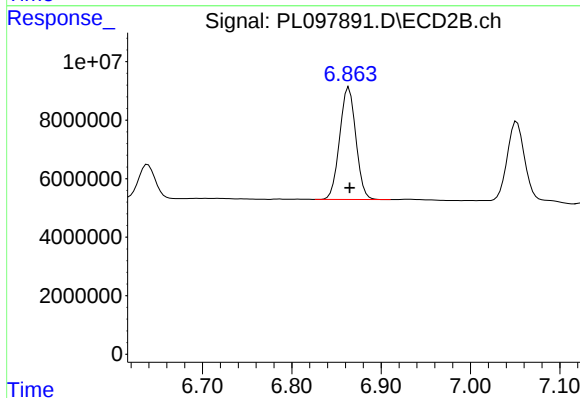
R.T.: 6.639 min
Delta R.T.: -0.001 min
Response: 14722928
Conc: 3.52 ng/ml



#21 Endrin ketone

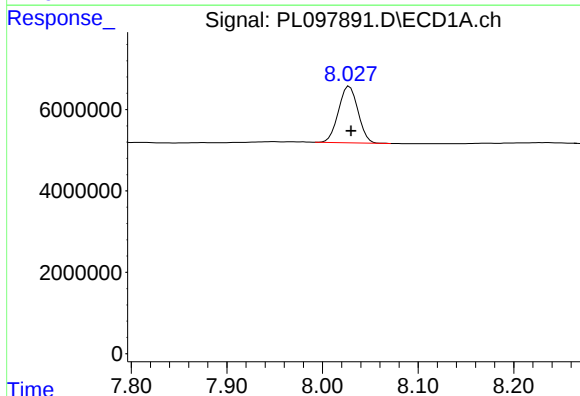
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 25978747
Conc: 5.00 ng/ml

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



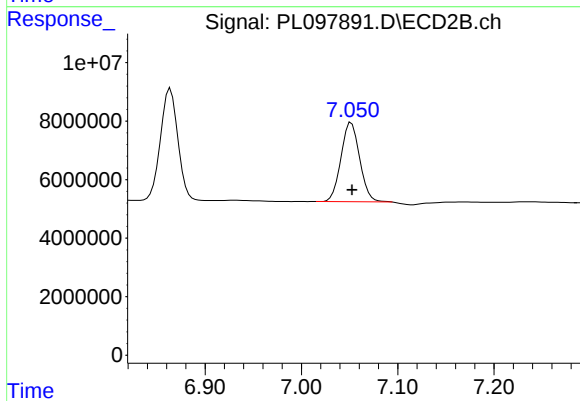
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 48239615
Conc: 5.41 ng/ml



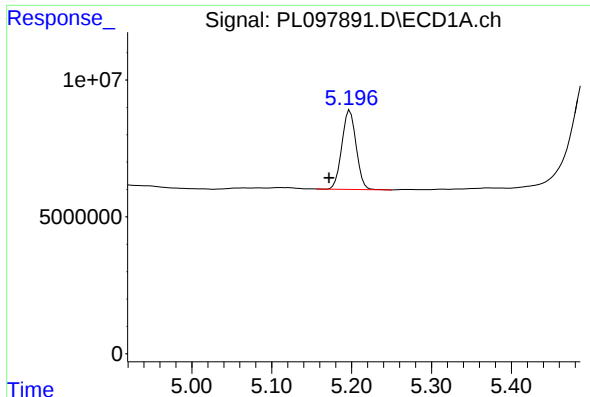
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 19689869
Conc: 5.71 ng/ml



#22 Mirex

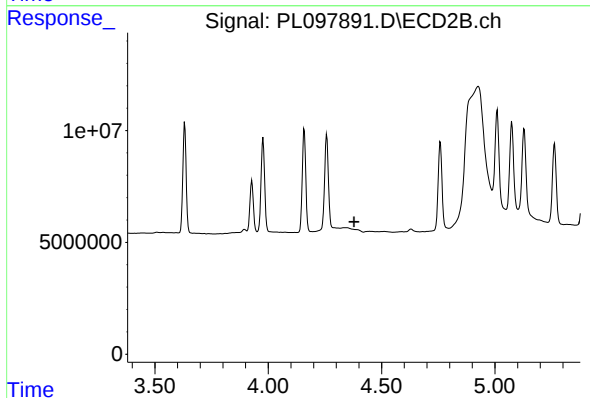
R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 36512745
Conc: 5.66 ng/ml



#24 Chlordane-2

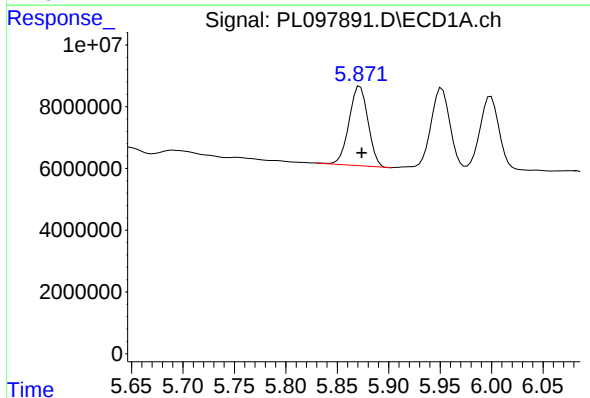
R.T.: 5.198 min
Delta R.T.: 0.026 min
Response: 35995533
Conc: 148.99 ng/ml

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



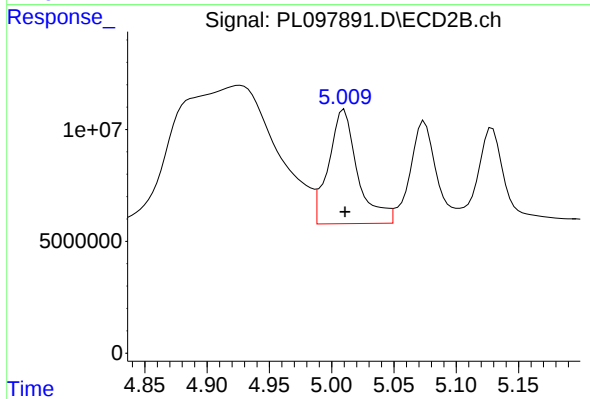
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.379 min
Response: 0
Conc: N.D.



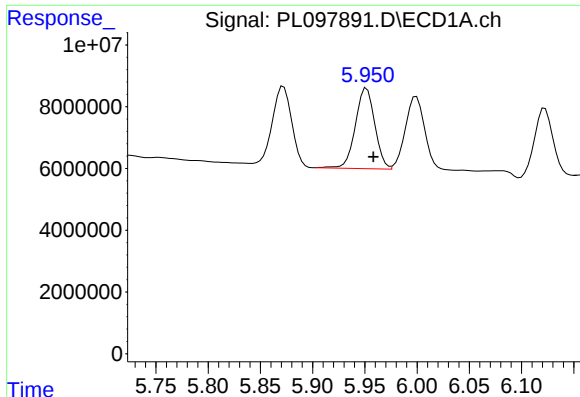
#25 Chlordane-3

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 33030183
Conc: 37.43 ng/ml



#25 Chlordane-3

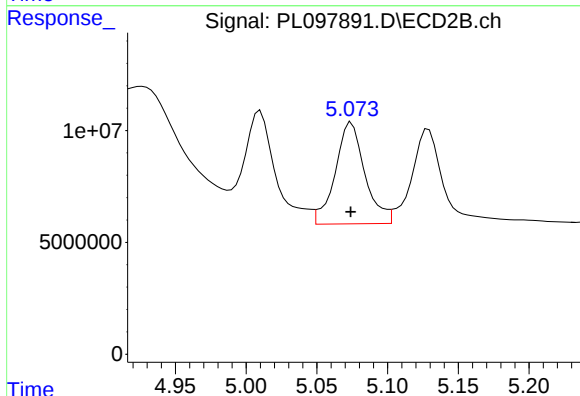
R.T.: 5.010 min
Delta R.T.: 0.000 min
Response: 83389832
Conc: 95.51 ng/ml



#26 Chlordane-4

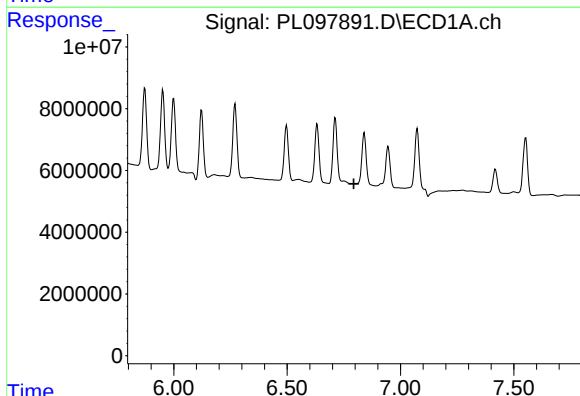
R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 33746862
Conc: 31.87 ng/ml

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



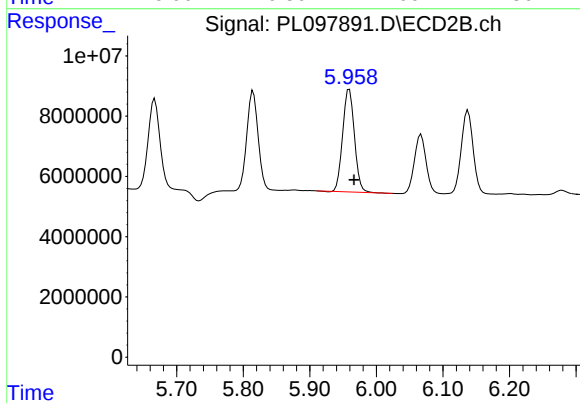
#26 Chlordane-4

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 66413157
Conc: 82.27 ng/ml



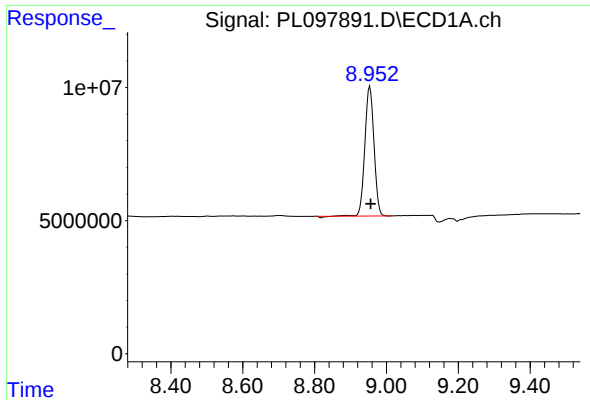
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.794 min
Response: 0
Conc: N.D.



#27 Chlordane-5

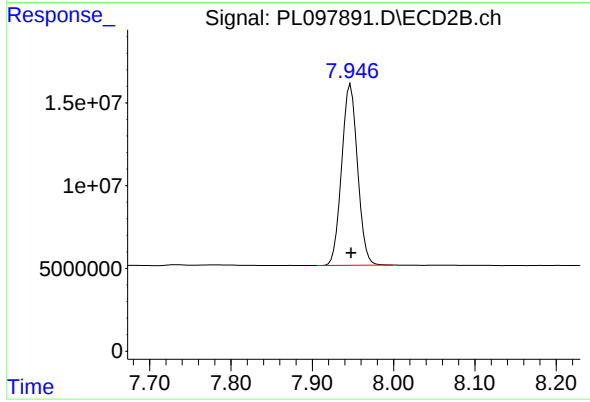
R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 41873421
Conc: 127.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.954 min
Delta R.T.: -0.003 min
Response: 85731190
Conc: 22.56 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 148308628
Conc: 22.55 ng/ml