

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091025\
 Data File : PL097107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 13:24
 Operator : AR\AJ
 Sample : Q2893-03
 Misc : PEST MDL 1PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT3-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 07:57:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 10 07:56:06 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...	3.527	2.821	70369982	102.5E6	17.843	18.178
28)	SA Decachlor...	9.002	7.983	58501121	99723081	19.759	20.794
Target Compounds							
2)	A alpha-BHC	3.974	3.326	5173136	7643160	0.893	0.931
3)	MA gamma-BHC...	4.302	3.658	5891469	7126777	1.079	0.967
4)	MA Heptachlor	4.893	4.006	6148058	7686314	1.153	1.022
5)	MB Aldrin	5.233	4.289	5240575	7042501	0.998	1.001
7)	B delta-BHC	4.735	4.187	6669960	6976081	1.482	0.949 #
8)	B Heptachlo...	5.651	4.790	9781068	8406344	1.901	1.329 #
9)	A Endosulfan I	6.034	5.162	4799297	6425226	1.117	1.072
10)	B gamma-Chl...	5.906	5.043	4569869	6358781	0.992	0.962
11)	B alpha-Chl...	5.987	5.106	5284981	6819086	1.123	1.044
12)	B 4,4'-DDE	0.000	5.295	0	6304377	N.D.	1.024 #
13)	MA Dieldrin	6.306	5.426	4379599	6264524	0.964	0.956
14)	MA Endrin	0.000	5.704	0	8724147	N.D.	1.477 #
15)	B Endosulfa...	0.000	5.993	0	6257122	N.D.	1.094 #
16)	A 4,4'-DDD	6.668	5.848	88551	5470343	0.028	1.047 #
17)	MA 4,4'-DDT	0.000	6.101	0	13788824	N.D.	2.517 #
18)	B Endrin al...	0.000	6.170	0	10333464	N.D.	2.149 #
19)	B Endosulfa...	0.000	6.394	0	6029526	N.D.	1.076 #
21)	B Endrin ke...	0.000	6.898	0	14753025	N.D.	2.357 #
22)	Mirex	0.000	7.089	0	5897518	N.D.	1.214 #
24)	Chlordane-2	5.233f	0.000	5240575	0	28.767	N.D. #
25)	Chlordane-3	5.906	5.043	4569869	6358781	7.267	10.088 #
26)	Chlordane-4	5.987	5.106	5284981	6819086	6.498	12.227 #
27)	Chlordane-5	0.000	5.993	0	6257122	N.D.	27.770 #

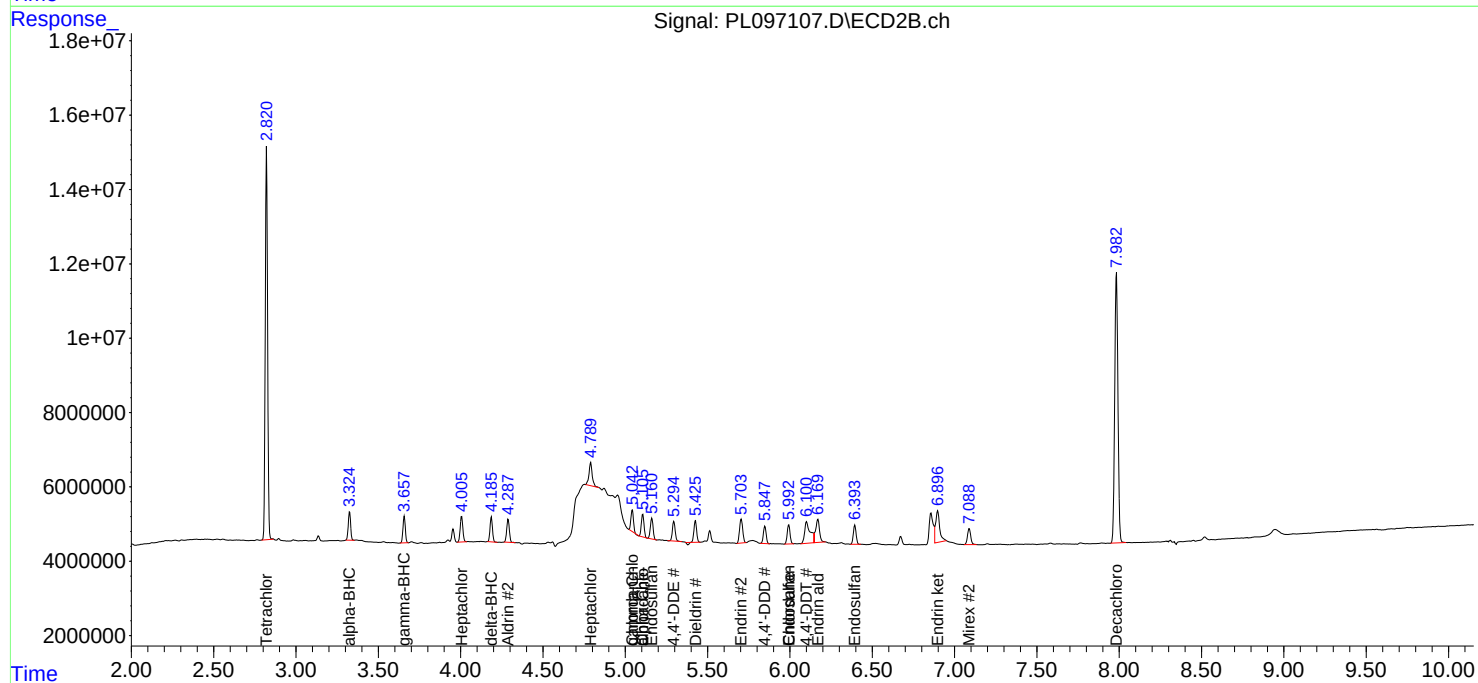
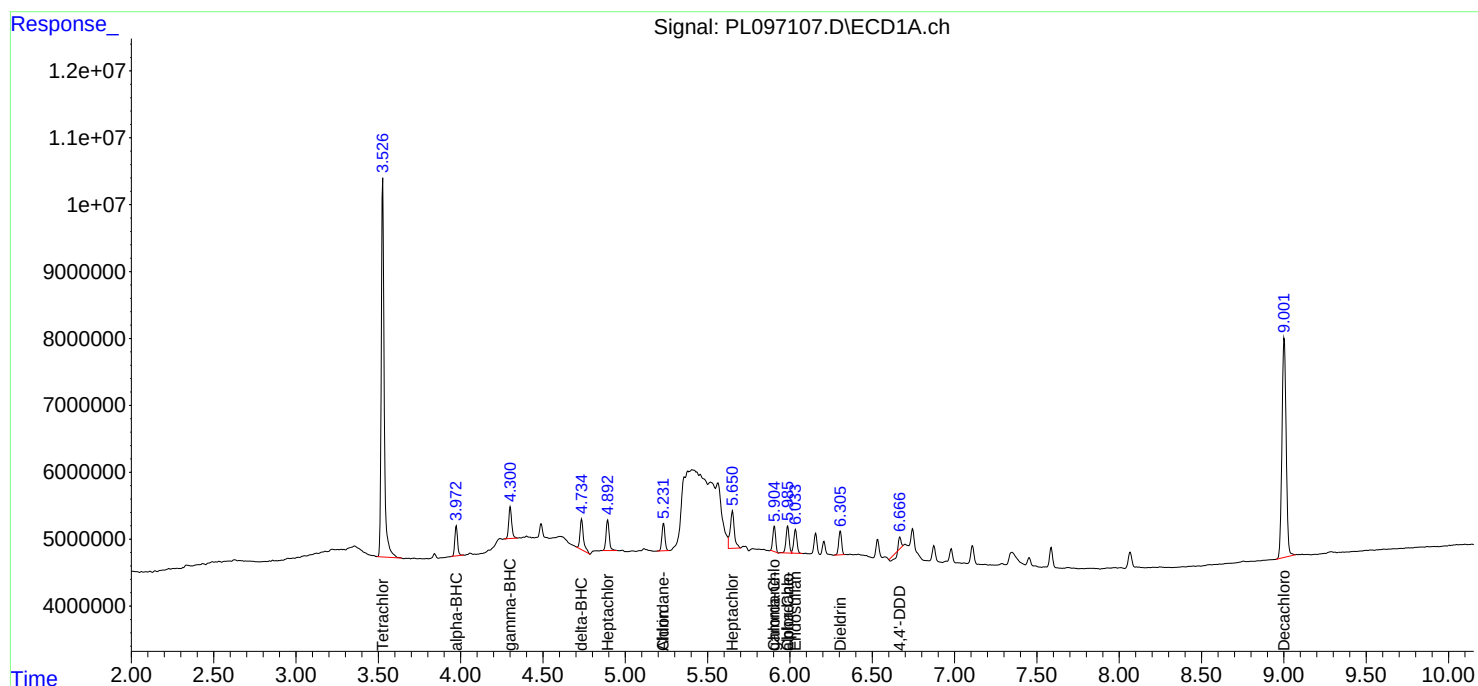
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

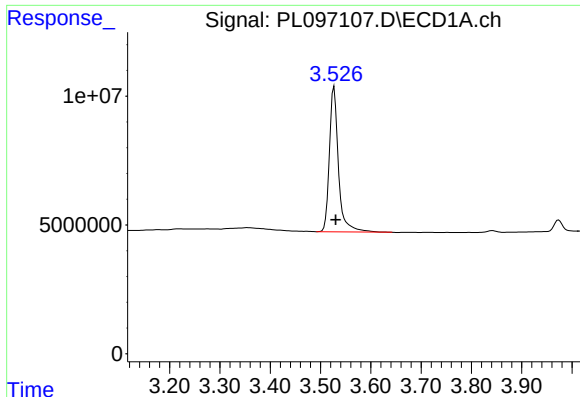
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091025\
Data File : PL097107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 13:24
Operator : AR\AJ
Sample : Q2893-03
Misc : PEST MDL 1PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 07:57:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Wed Sep 10 07:56:06 2025
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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

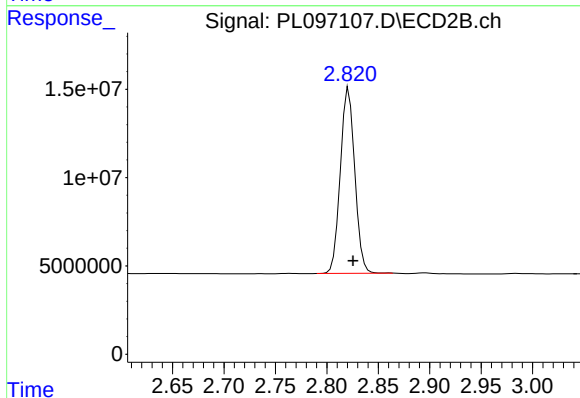




#1 Tetrachloro-m-xylene

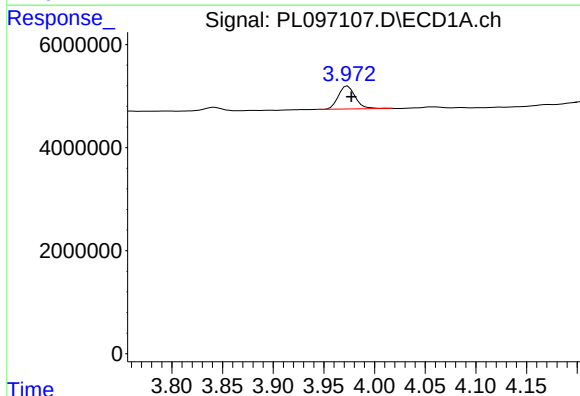
R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 70369982
Conc: 17.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



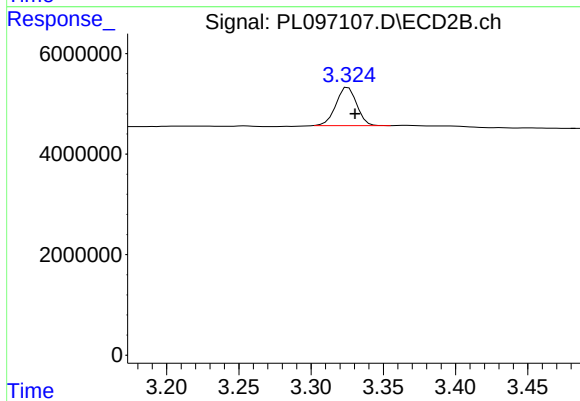
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.004 min
Response: 102462274
Conc: 18.18 ng/ml



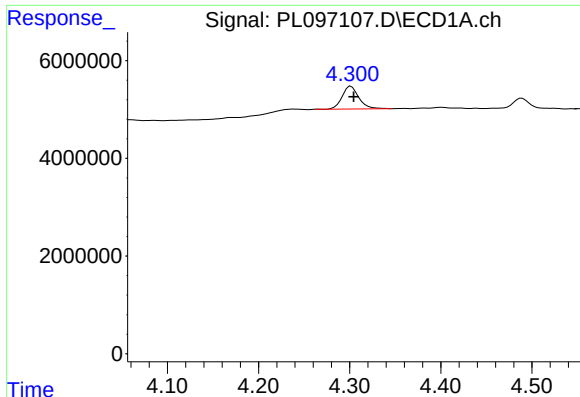
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 5173136
Conc: 0.89 ng/ml



#2 alpha-BHC

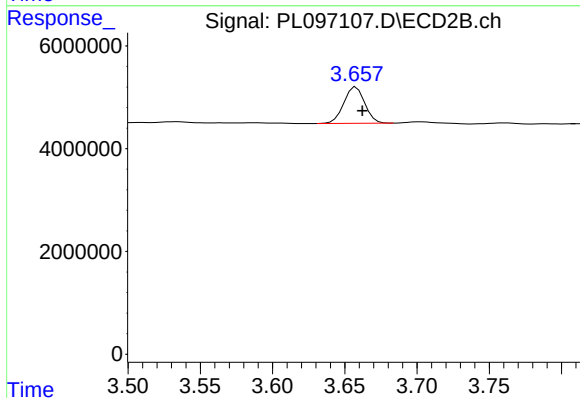
R.T.: 3.326 min
Delta R.T.: -0.005 min
Response: 7643160
Conc: 0.93 ng/ml



#3 gamma-BHC (Lindane)

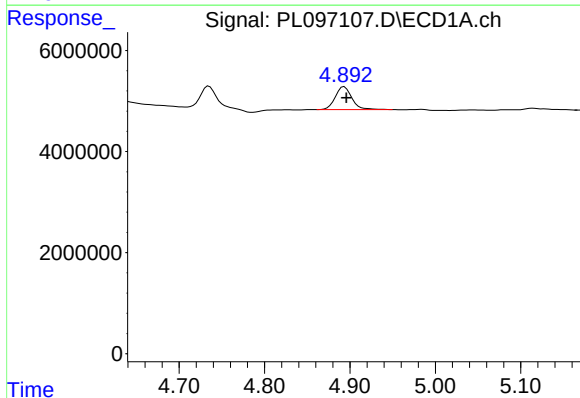
R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 5891469
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



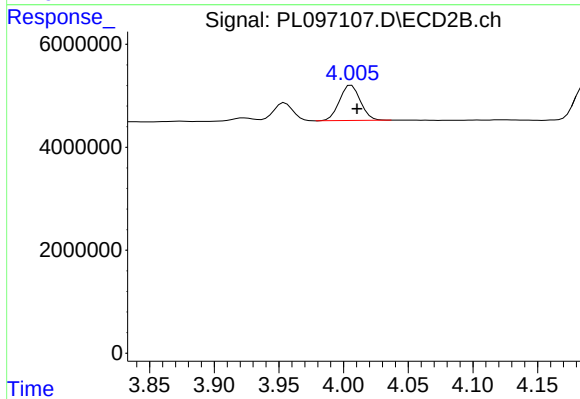
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 7126777
Conc: 0.97 ng/ml



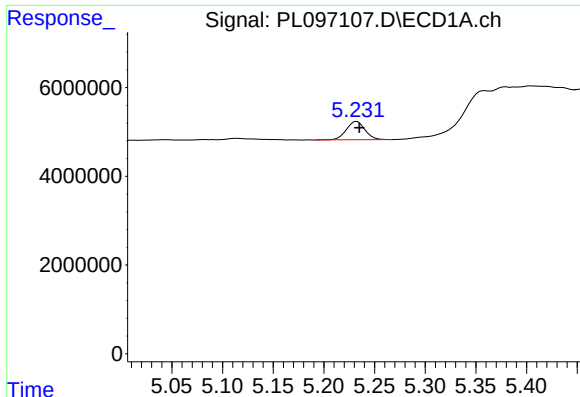
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 6148058
Conc: 1.15 ng/ml



#4 Heptachlor

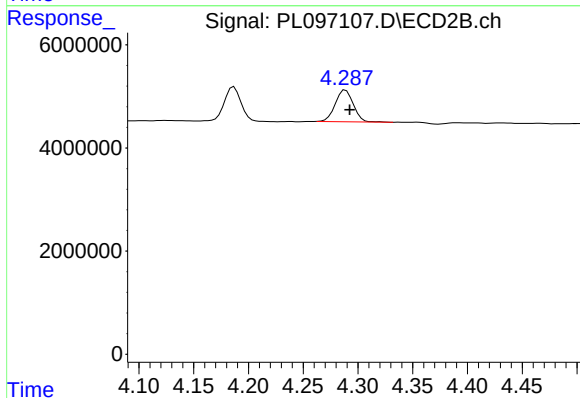
R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 7686314
Conc: 1.02 ng/ml



#5 Aldrin

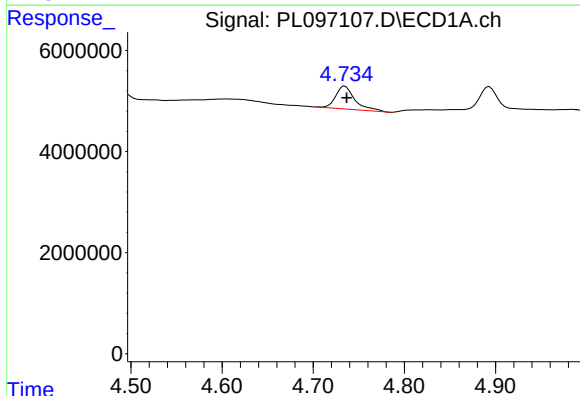
R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 5240575
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



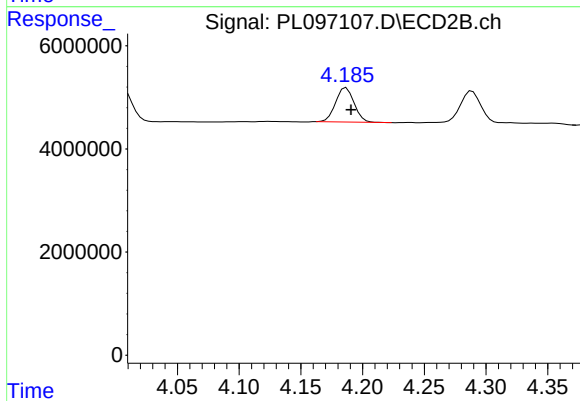
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 7042501
Conc: 1.00 ng/ml



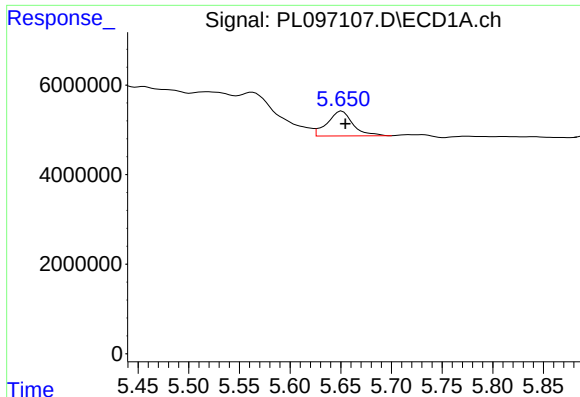
#7 delta-BHC

R.T.: 4.735 min
Delta R.T.: -0.002 min
Response: 6669960
Conc: 1.48 ng/ml



#7 delta-BHC

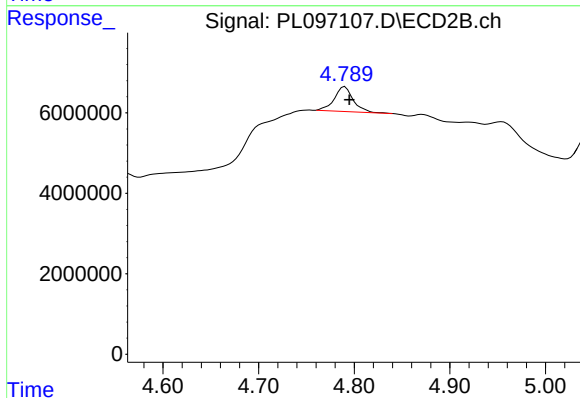
R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 6976081
Conc: 0.95 ng/ml



#8 Heptachlor epoxide

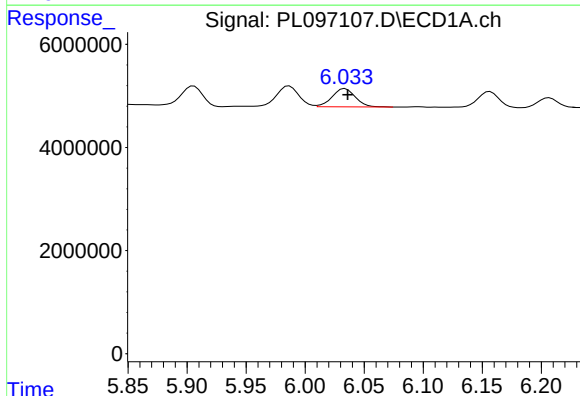
R.T.: 5.651 min
Delta R.T.: -0.003 min
Response: 9781068
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



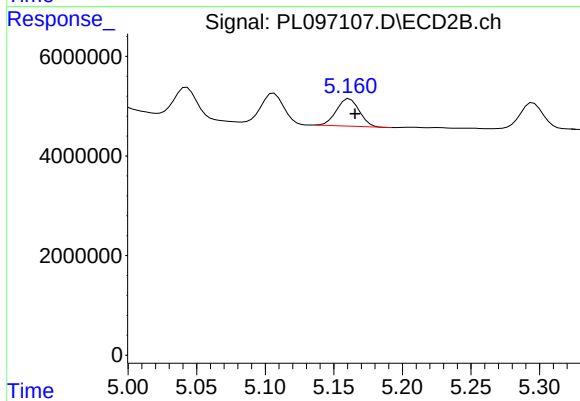
#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.004 min
Response: 8406344
Conc: 1.33 ng/ml



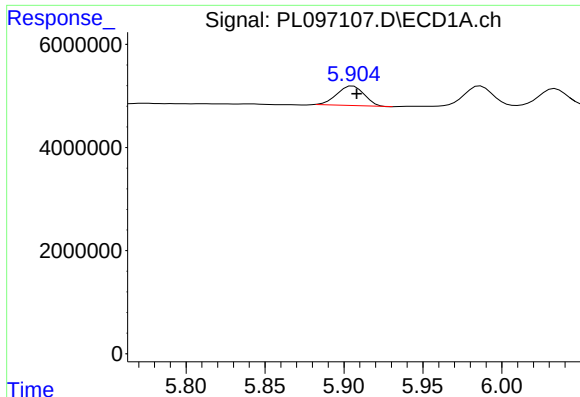
#9 Endosulfan I

R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 4799297
Conc: 1.12 ng/ml



#9 Endosulfan I

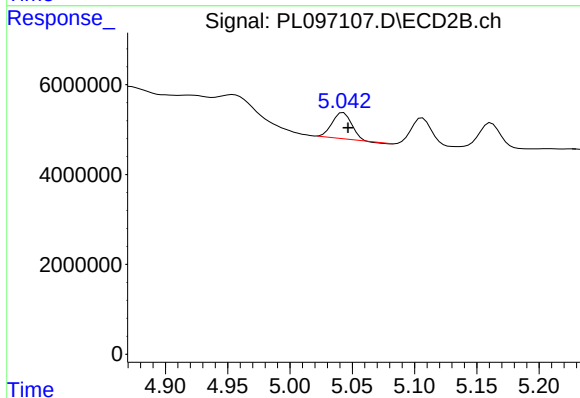
R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 6425226
Conc: 1.07 ng/ml



#10 gamma-Chlordane

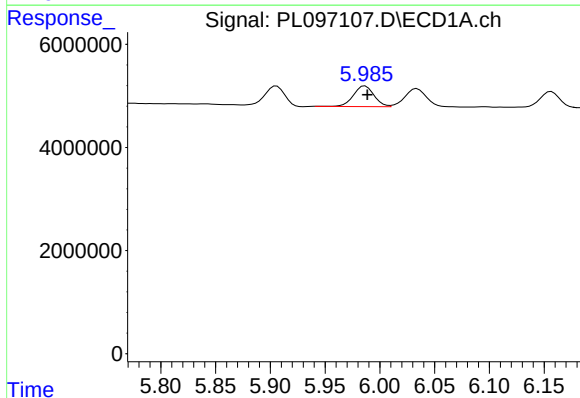
R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 4569869
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



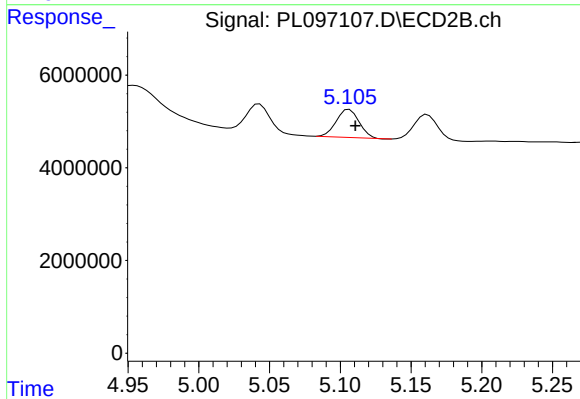
#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 6358781
Conc: 0.96 ng/ml



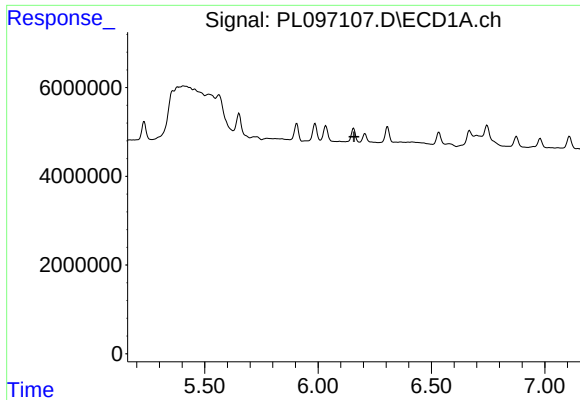
#11 alpha-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 5284981
Conc: 1.12 ng/ml



#11 alpha-Chlordane

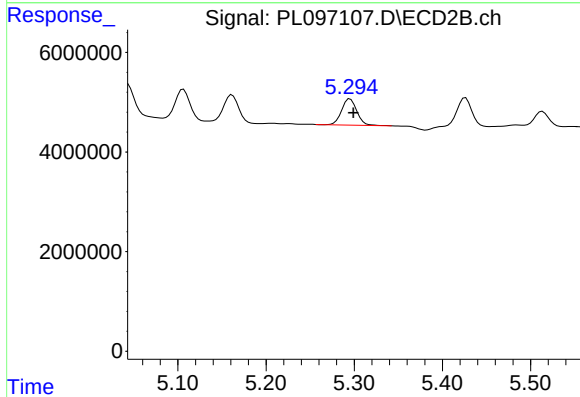
R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 6819086
Conc: 1.04 ng/ml



#12 4,4'-DDE

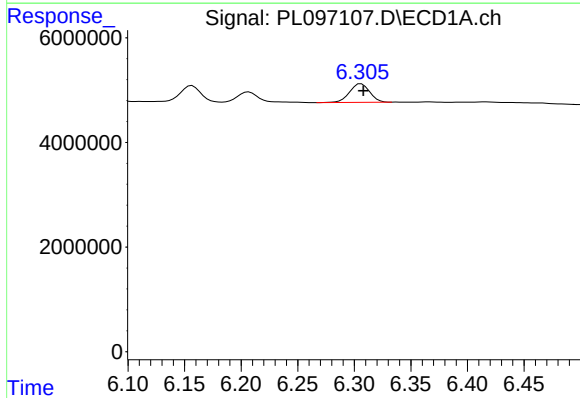
R.T.: 0.000 min
Exp R.T.: 6.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



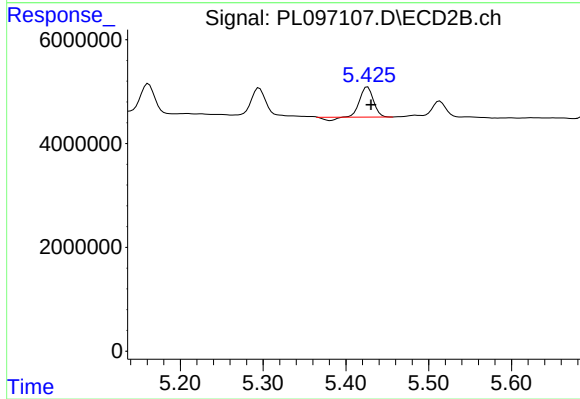
#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 6304377
Conc: 1.02 ng/ml



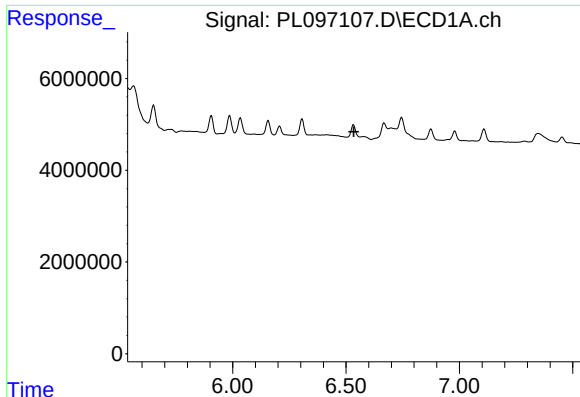
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 4379599
Conc: 0.96 ng/ml



#13 Dieldrin

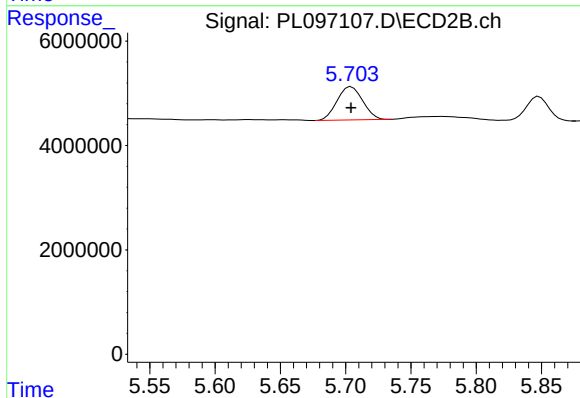
R.T.: 5.426 min
Delta R.T.: -0.004 min
Response: 6264524
Conc: 0.96 ng/ml



#14 Endrin

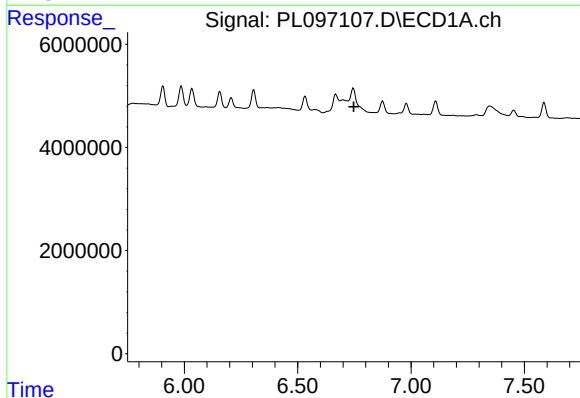
R.T.: 0.000 min
Exp R.T.: 6.534 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



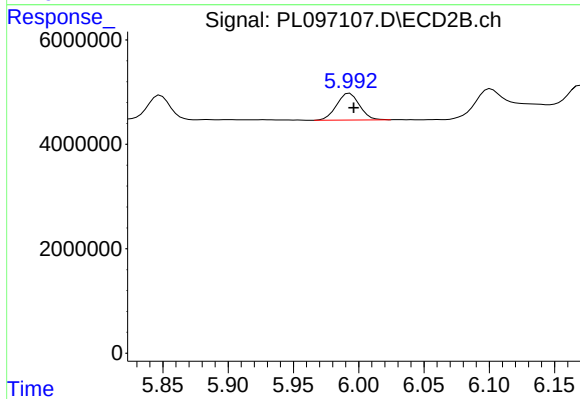
#14 Endrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 8724147
Conc: 1.48 ng/ml



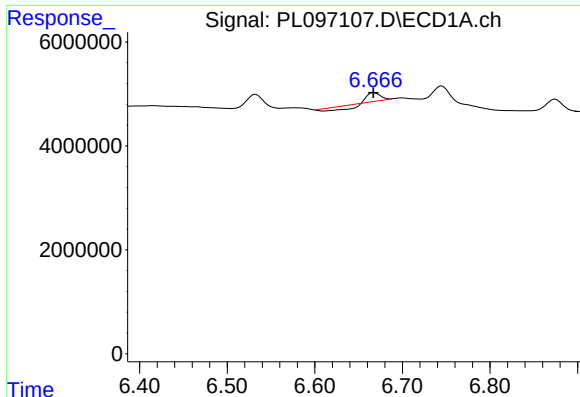
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.748 min
Response: 0
Conc: N.D.



#15 Endosulfan II

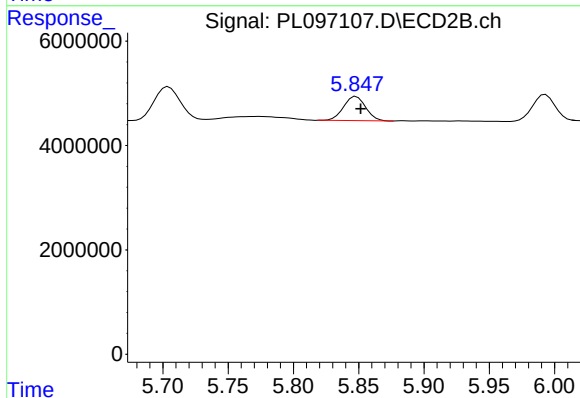
R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 6257122
Conc: 1.09 ng/ml



#16 4,4'-DDD

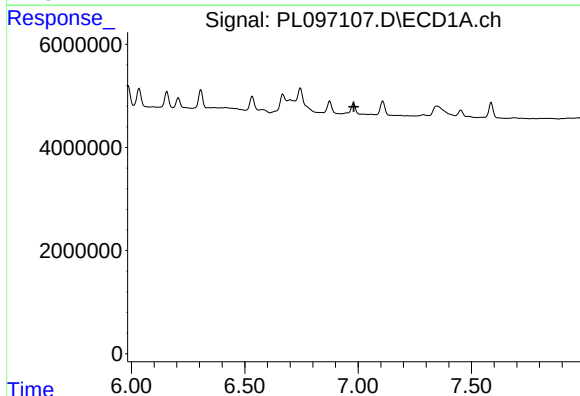
R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 88551
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



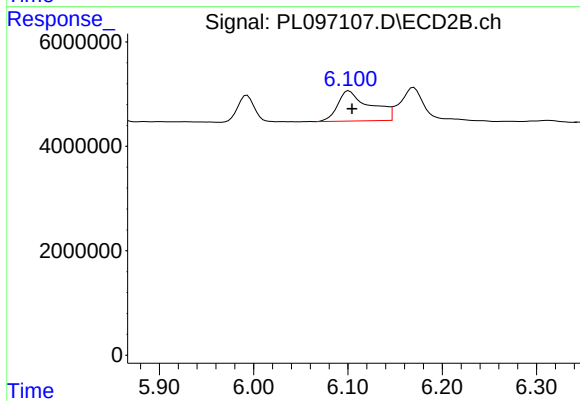
#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 5470343
Conc: 1.05 ng/ml



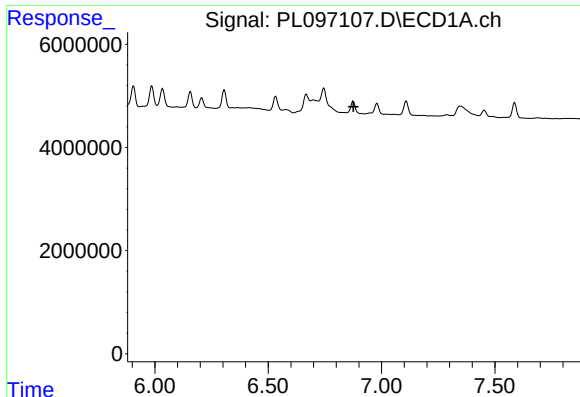
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 6.981 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

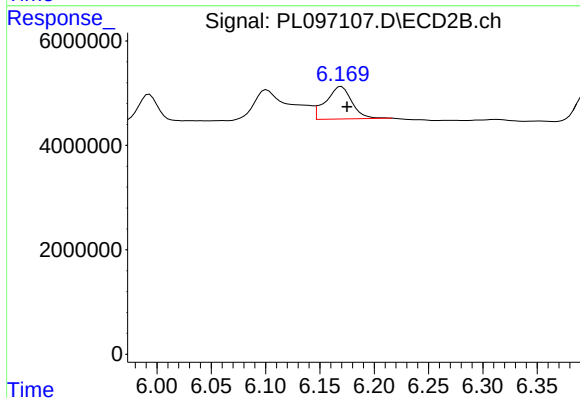
R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 13788824
Conc: 2.52 ng/ml



#18 Endrin aldehyde

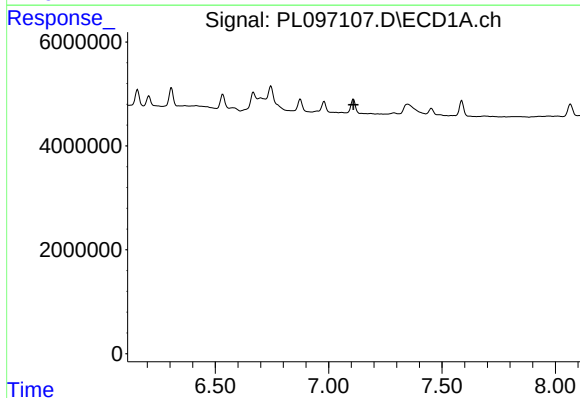
R.T.: 0.000 min
Exp R.T. : 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



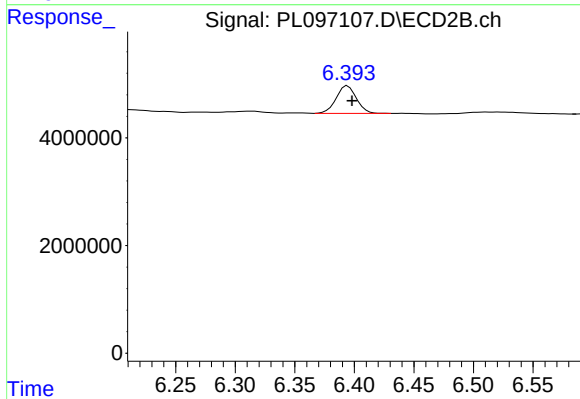
#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.005 min
Response: 10333464
Conc: 2.15 ng/ml



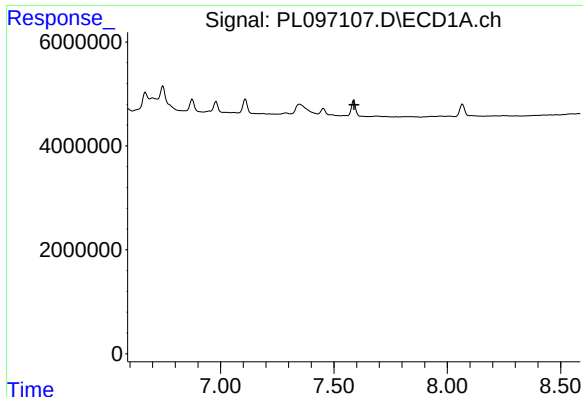
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.110 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

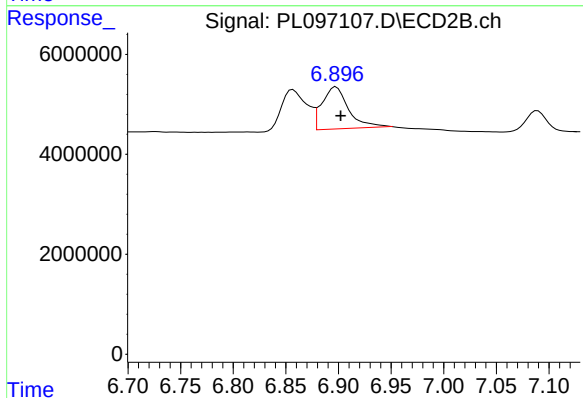
R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 6029526
Conc: 1.08 ng/ml



#21 Endrin ketone

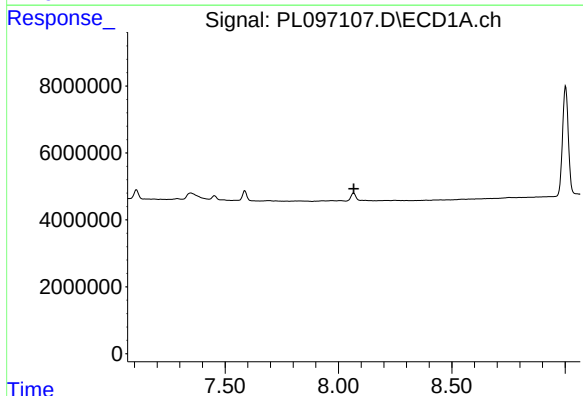
R.T.: 0.000 min
Exp R.T.: 7.589 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



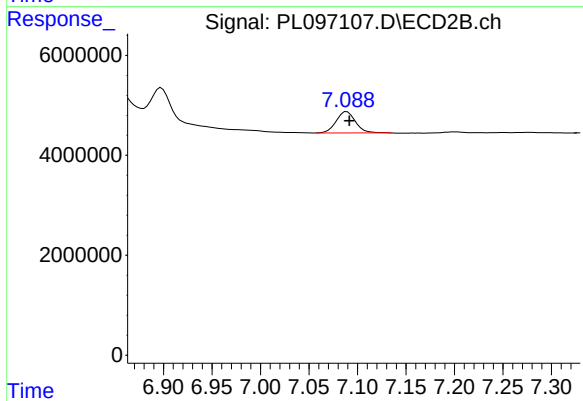
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 14753025
Conc: 2.36 ng/ml



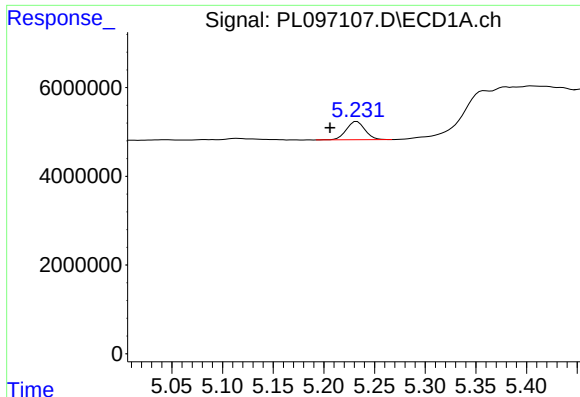
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.068 min
Response: 0
Conc: N.D.



#22 Mirex

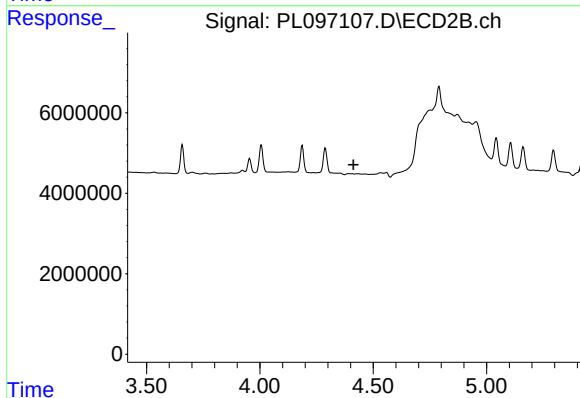
R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 5897518
Conc: 1.21 ng/ml



#24 Chlordane-2

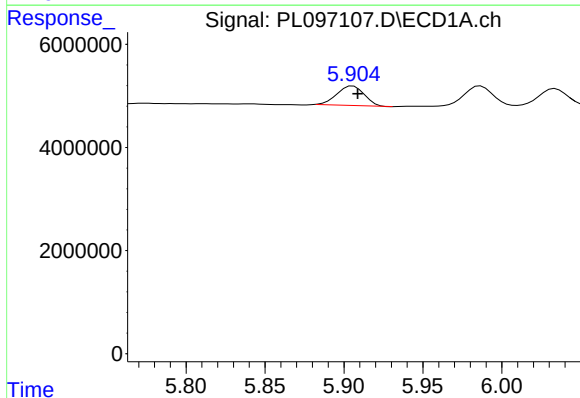
R.T.: 5.233 min
Delta R.T.: 0.026 min
Response: 5240575
Conc: 28.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



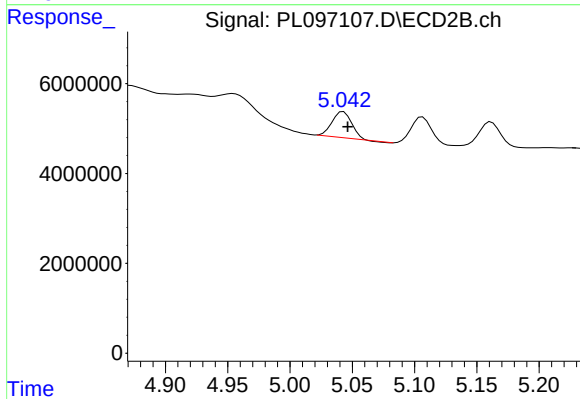
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.413 min
Response: 0
Conc: N.D.



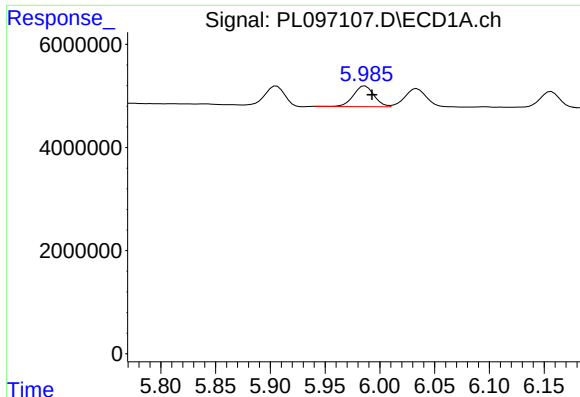
#25 Chlordane-3

R.T.: 5.906 min
Delta R.T.: -0.003 min
Response: 4569869
Conc: 7.27 ng/ml



#25 Chlordane-3

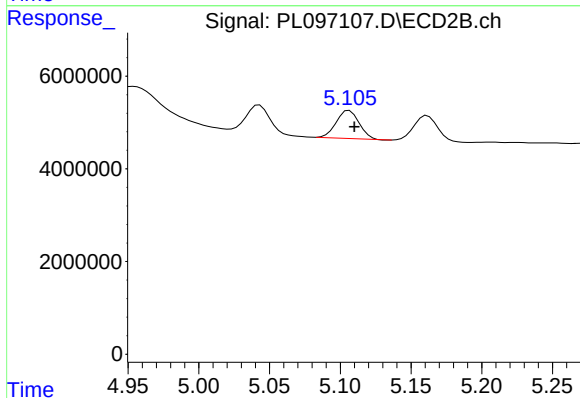
R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 6358781
Conc: 10.09 ng/ml



#26 Chlordane-4

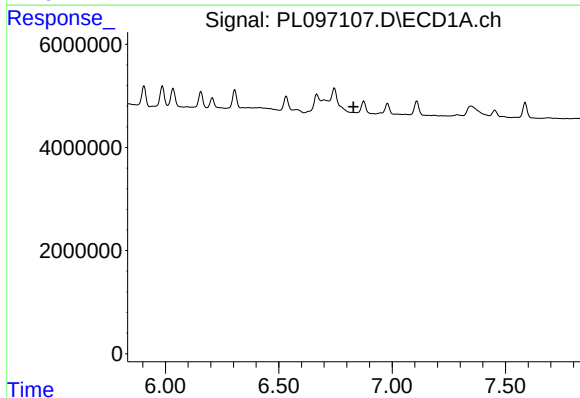
R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 5284981
Conc: 6.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



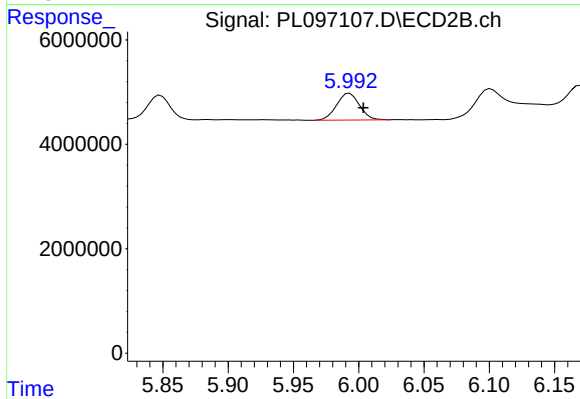
#26 Chlordane-4

R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 6819086
Conc: 12.23 ng/ml



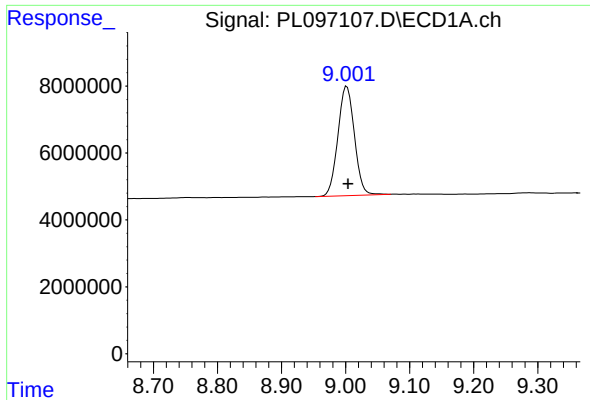
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.830 min
Response: 0
Conc: N.D.



#27 Chlordane-5

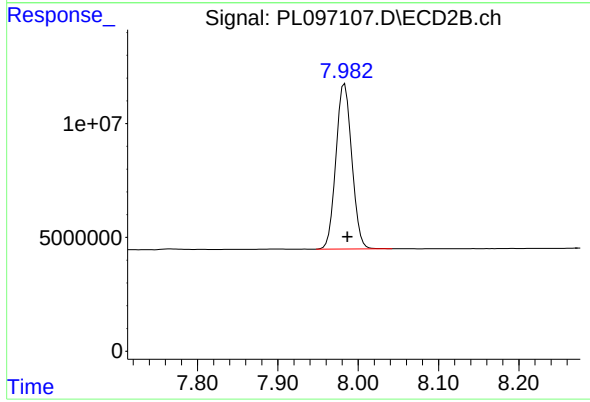
R.T.: 5.993 min
Delta R.T.: -0.010 min
Response: 6257122
Conc: 27.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.002 min
Response: 58501121
Conc: 19.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.003 min
Response: 99723081
Conc: 20.79 ng/ml