

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091725\
 Data File : PL097232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2025 11:51
 Operator : AR\AJ
 Sample : Q2899-01
 Misc : PEST MDL 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-QT3-2025-05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 04:05:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091625CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 17 05:25:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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

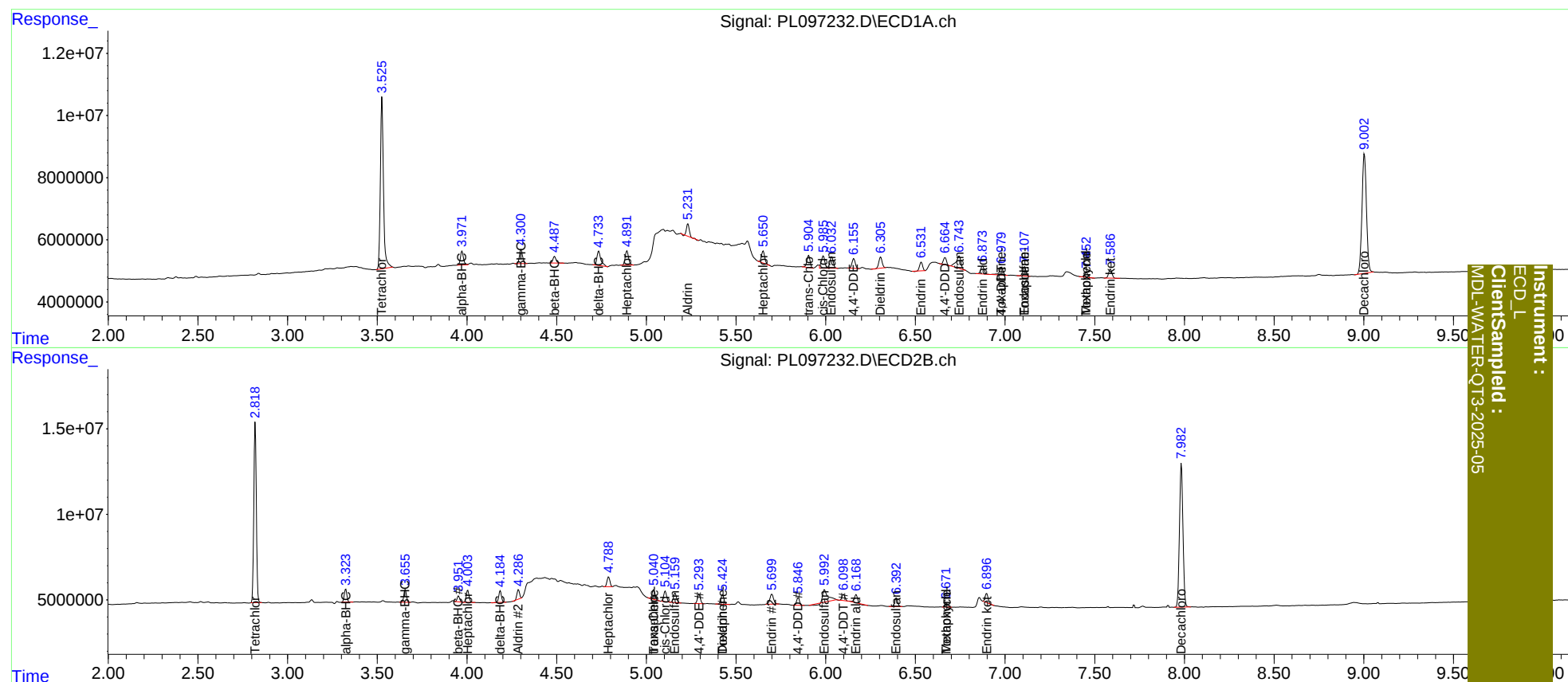
System Monitoring Compounds							
1)	SA Tetrachlo...	3.526	2.819	66595779	101.6E6	19.223	20.611
27)	SA Decachlor...	9.003	7.983	66952594	113.7E6	25.444	25.519
Target Compounds							
2)	A alpha-BHC	3.973	3.324	5280986	7857322	0.964	1.069
3)	MA gamma-BHC...	4.302	3.656	5509595	7577369	1.051	1.099
4)	MA Heptachlor	4.892	4.005	5926482	7845978	1.114	1.129
5)	MB Aldrin	5.232	4.287	4359734	5299739	0.853	0.809
6)	B beta-BHC	4.488	3.953	2664710	3276644	1.070	1.001
7)	B delta-BHC	4.735	4.186	6853822	6982435	1.368	0.999 #
8)	B Heptachlo...	5.652	4.790	4702383	6248534	1.025	1.017
9)	A Endosulfan I	6.034	5.160	4929049	6546817	1.197	1.194
10)	B trans-Chl...	5.905	5.041	4848634	6310553	1.075	1.029
11)	B cis-Chlor...	5.987	5.106	5472911	7026797	1.208	1.147
12)	B 4,4'-DDE	6.157	5.294	3932825	6241235	1.005	1.037
13)	MA Dieldrin	6.307	5.425	4507026	6873249	1.047	1.123
14)	MA Endrin	6.533	5.700	3152200	8457211	0.901	1.543 #
15)	B Endosulfa...	6.744	5.993	7190700	13407086	1.893	2.441 #
16)	A 4,4'-DDD	6.666	5.847	2568142	5184469	0.902	1.073
17)	MA 4,4'-DDT	6.980	6.100	3501693	3940370	1.183	0.812 #
18)	B Endrin al...	6.875	6.170	3279965	4888187	1.186	1.041
19)	B Endosulfa...	7.108	6.394	3832013	5959570	1.136	1.122
20)	A Methoxychlor	7.454	6.672	1854263	2893913	1.172	1.125
21)	B Endrin ke...	7.588	6.898	3654330	5650633	1.037	0.963
22)	Toxaphene-1	0.000	5.041	0	6310553	N.D.	187.568
23)	Toxaphene-2	0.000	5.425	0	6873249	N.D.	190.409
24)	Toxaphene-3	6.980	6.672	3501693	2893913	31.978	22.052 #
25)	Toxaphene-4	7.108	0.000	3832013	0	47.805	N.D. #
26)	Toxaphene-5	7.454f	0.000	1854263	0	18.594	N.D. #

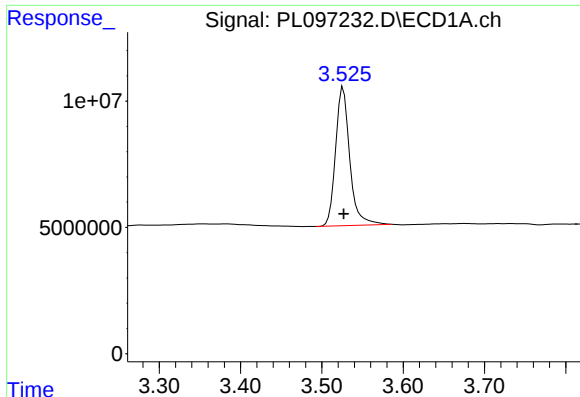
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091725\
Data File : PL097232.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Sep 2025 11:51
Operator : AR\AJ
Sample : Q2899-01
Misc : PEST MDL 1PPB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 04:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091625CLP.M
Quant Title : GC Extractables
QLast Update : Wed Sep 17 05:25:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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

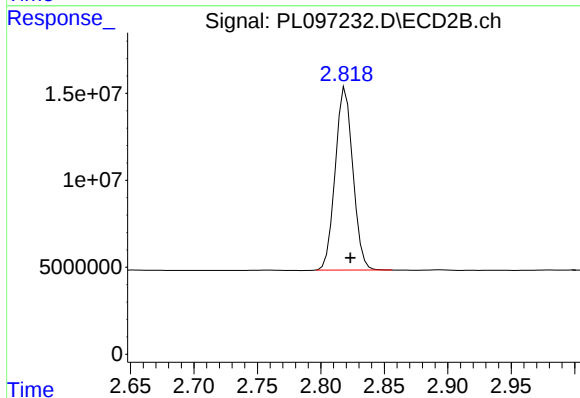




#1 Tetrachloro-m-xylene

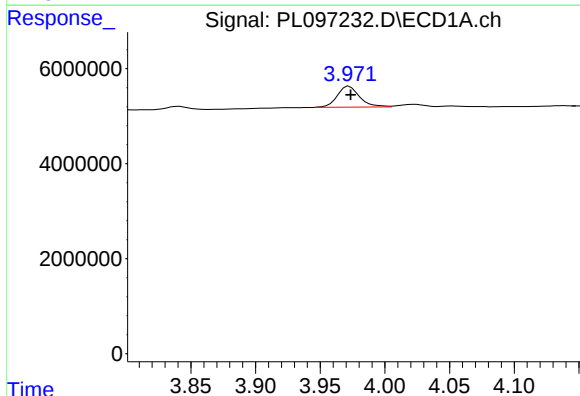
R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 66595779
Conc: 19.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



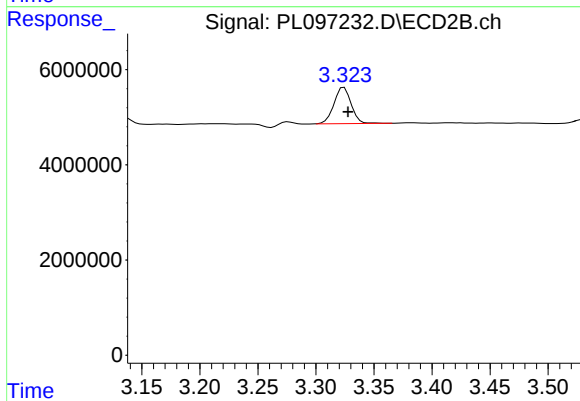
#1 Tetrachloro-m-xylene

R.T.: 2.819 min
Delta R.T.: -0.004 min
Response: 101649543
Conc: 20.61 ng/ml



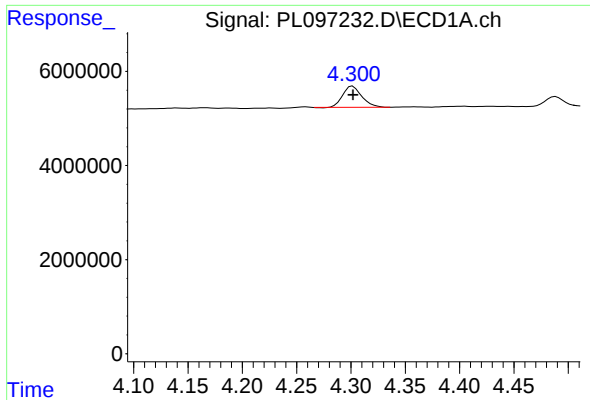
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.001 min
Response: 5280986
Conc: 0.96 ng/ml



#2 alpha-BHC

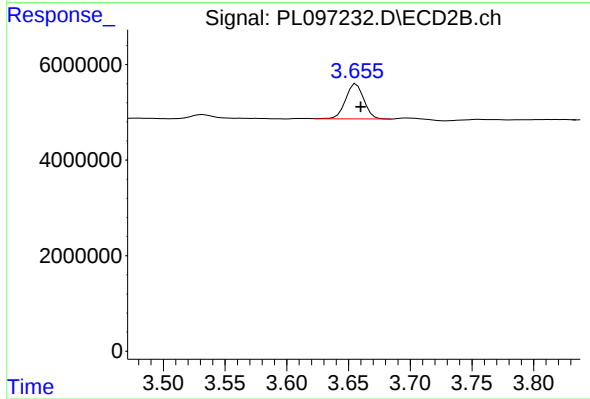
R.T.: 3.324 min
Delta R.T.: -0.004 min
Response: 7857322
Conc: 1.07 ng/ml



#3 gamma-BHC (Lindane)

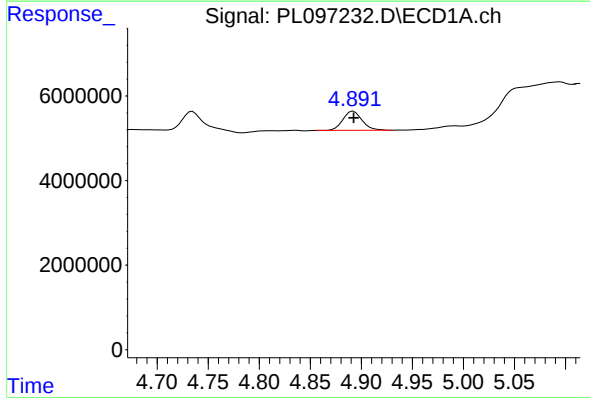
R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 5509595
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



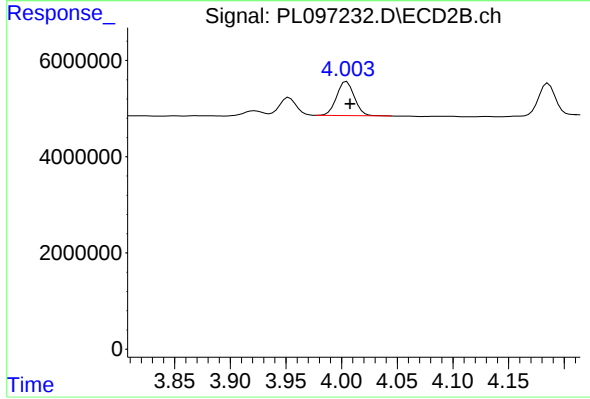
#3 gamma-BHC (Lindane)

R.T.: 3.656 min
Delta R.T.: -0.003 min
Response: 7577369
Conc: 1.10 ng/ml



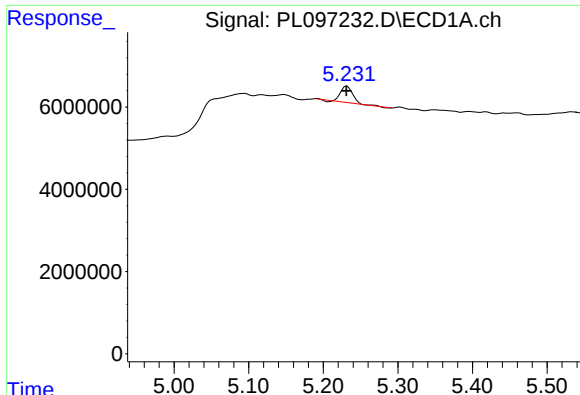
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 5926482
Conc: 1.11 ng/ml



#4 Heptachlor

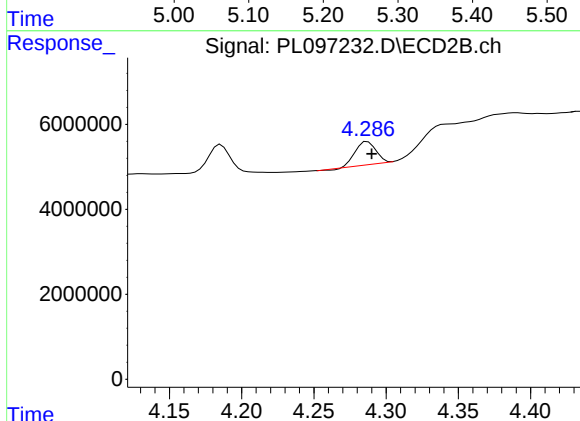
R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 7845978
Conc: 1.13 ng/ml



#5 Aldrin

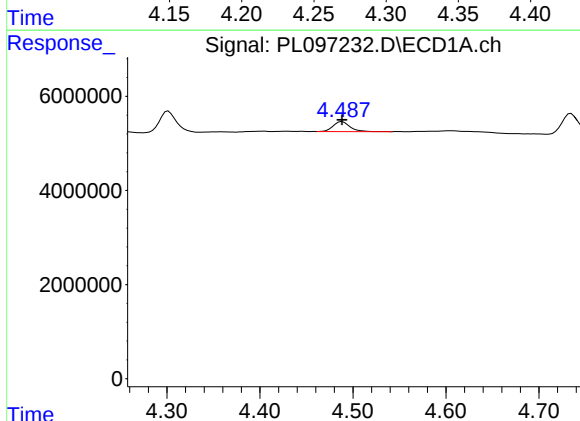
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 4359734
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



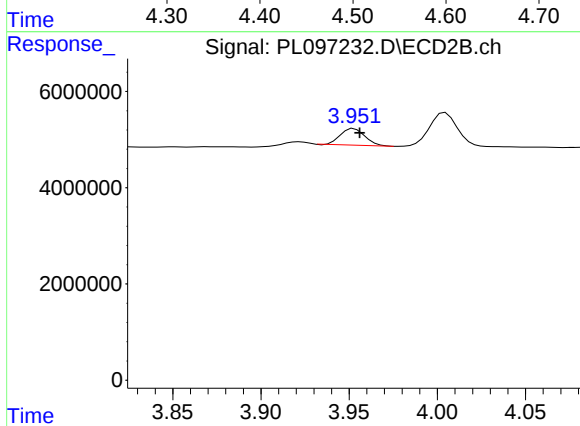
#5 Aldrin

R.T.: 4.287 min
Delta R.T.: -0.003 min
Response: 5299739
Conc: 0.81 ng/ml



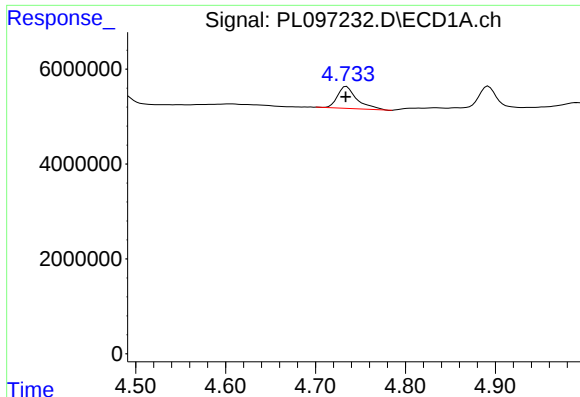
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 2664710
Conc: 1.07 ng/ml



#6 beta-BHC

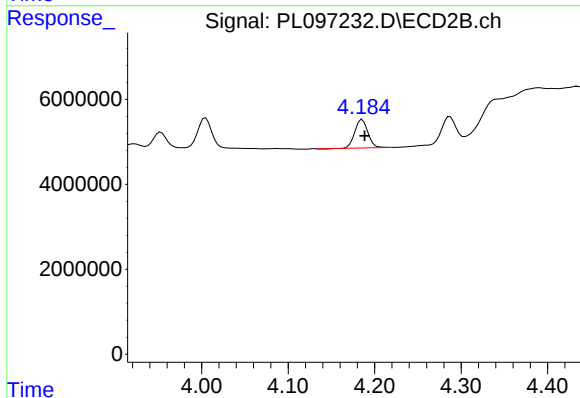
R.T.: 3.953 min
Delta R.T.: -0.003 min
Response: 3276644
Conc: 1.00 ng/ml



#7 delta-BHC

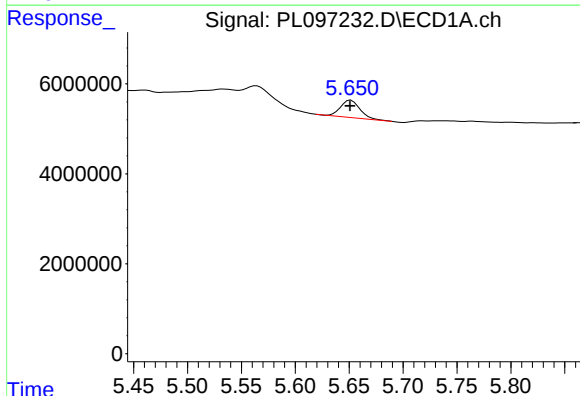
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 6853822
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



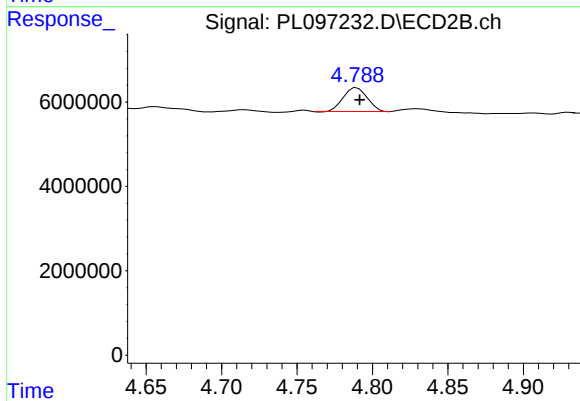
#7 delta-BHC

R.T.: 4.186 min
Delta R.T.: -0.003 min
Response: 6982435
Conc: 1.00 ng/ml



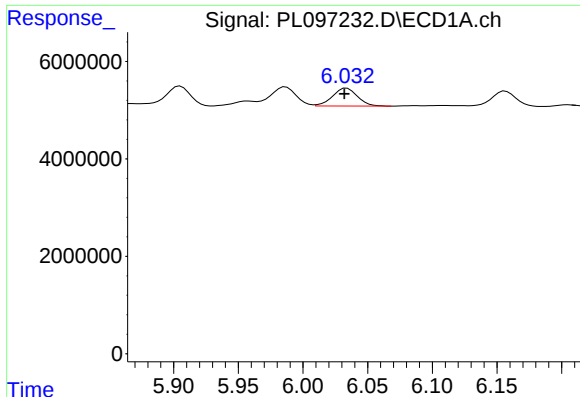
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 4702383
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

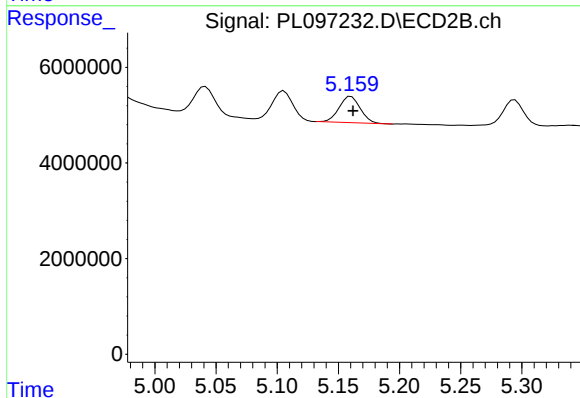
R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 6248534
Conc: 1.02 ng/ml



#9 Endosulfan I

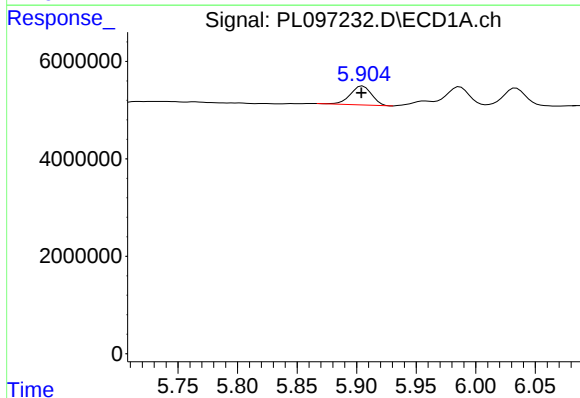
R.T.: 6.034 min
Delta R.T.: 0.002 min
Response: 4929049
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



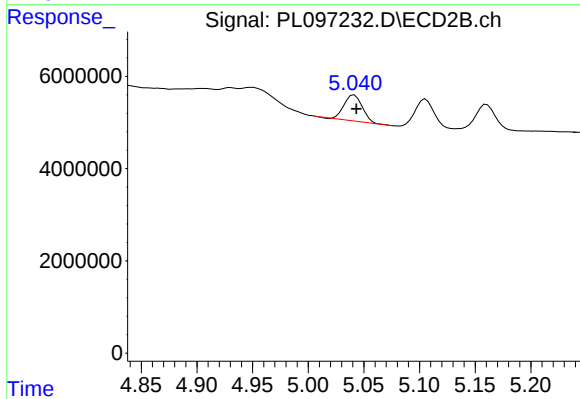
#9 Endosulfan I

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 6546817
Conc: 1.19 ng/ml



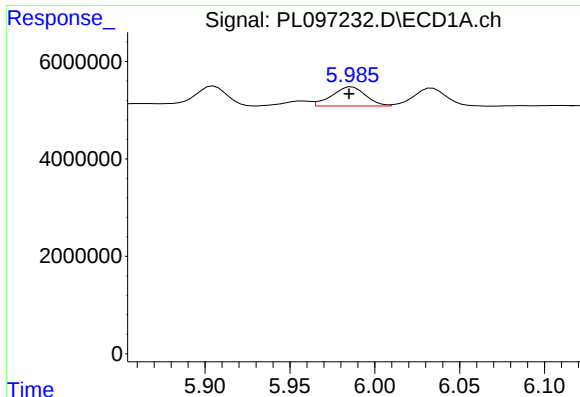
#10 trans-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.001 min
Response: 4848634
Conc: 1.08 ng/ml



#10 trans-Chlordane

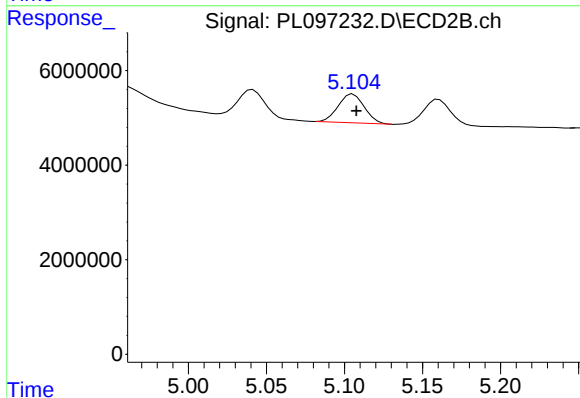
R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 6310553
Conc: 1.03 ng/ml



#11 cis-Chlordane

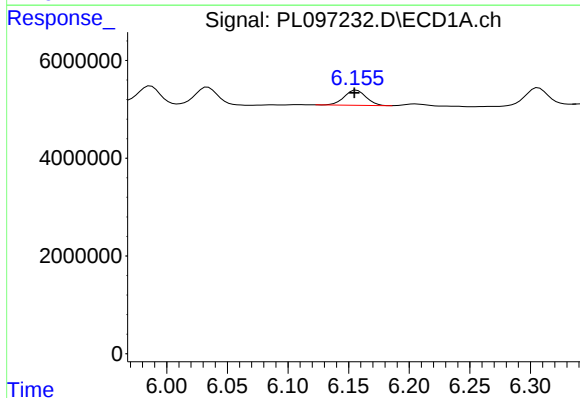
R.T.: 5.987 min
Delta R.T.: 0.002 min
Response: 5472911
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



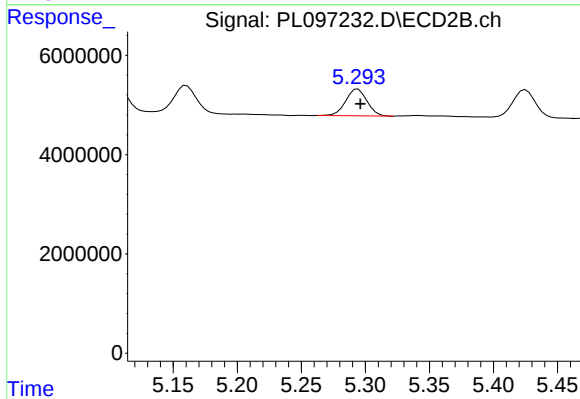
#11 cis-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 7026797
Conc: 1.15 ng/ml



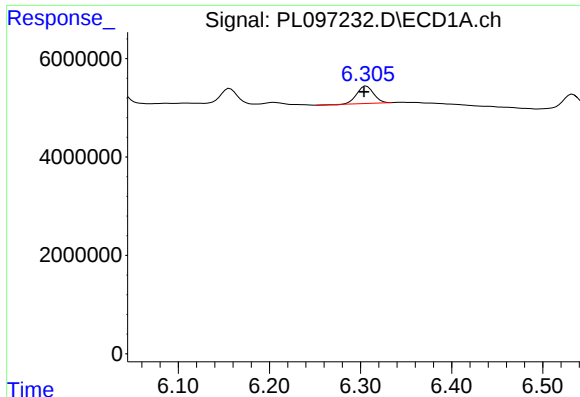
#12 4,4'-DDE

R.T.: 6.157 min
Delta R.T.: 0.002 min
Response: 3932825
Conc: 1.01 ng/ml



#12 4,4'-DDE

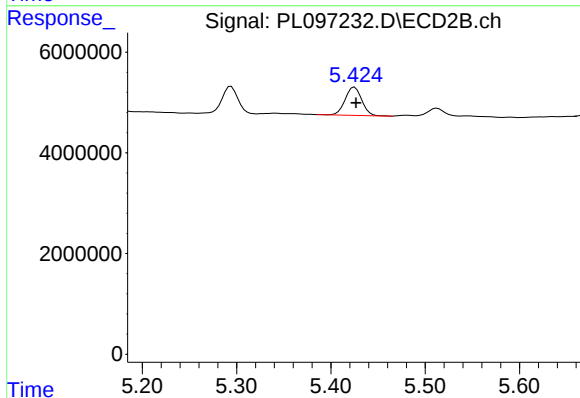
R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 6241235
Conc: 1.04 ng/ml



#13 Dieldrin

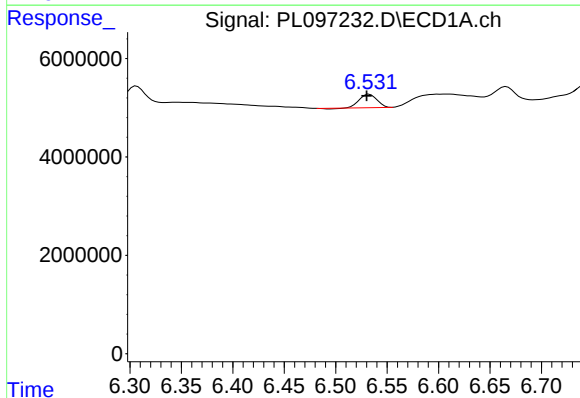
R.T.: 6.307 min
Delta R.T.: 0.003 min
Response: 4507026
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



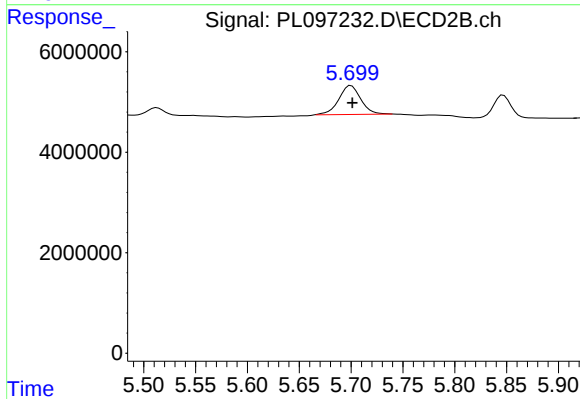
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.001 min
Response: 6873249
Conc: 1.12 ng/ml



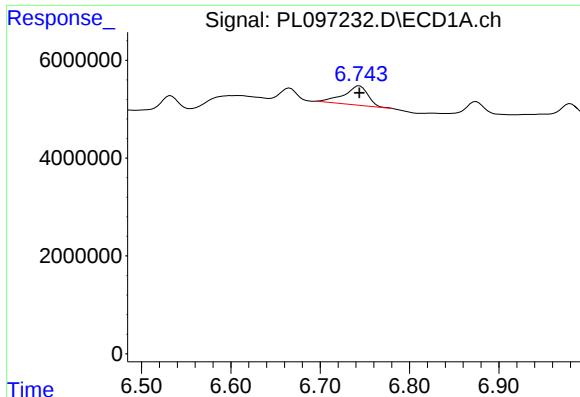
#14 Endrin

R.T.: 6.533 min
Delta R.T.: 0.002 min
Response: 3152200
Conc: 0.90 ng/ml



#14 Endrin

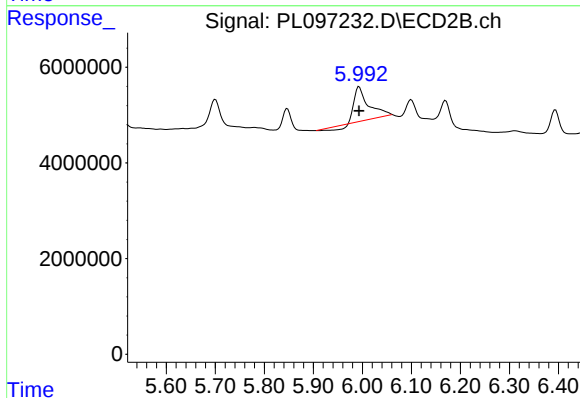
R.T.: 5.700 min
Delta R.T.: -0.001 min
Response: 8457211
Conc: 1.54 ng/ml



#15 Endosulfan II

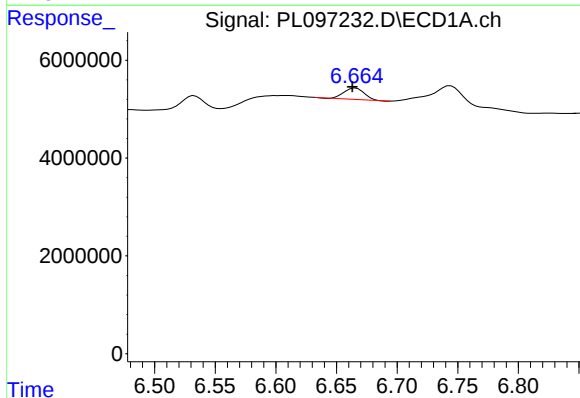
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 7190700
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



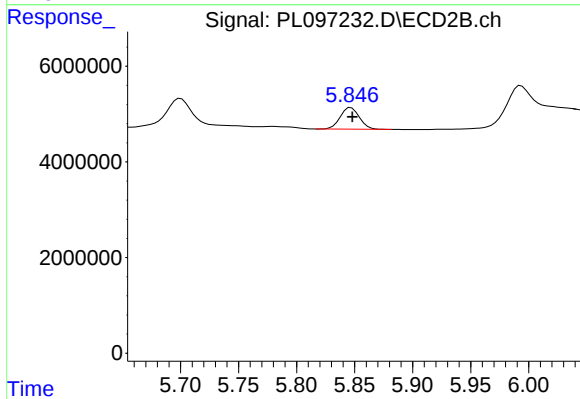
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 13407086
Conc: 2.44 ng/ml



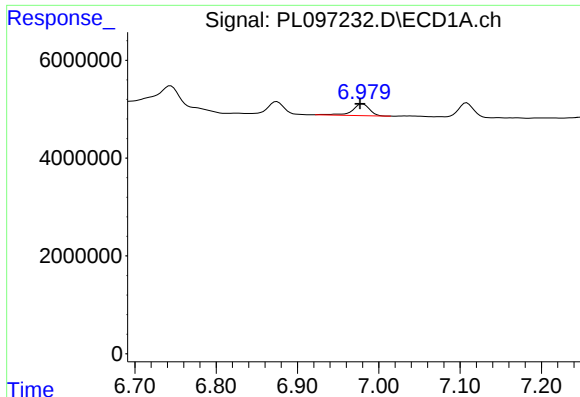
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.003 min
Response: 2568142
Conc: 0.90 ng/ml



#16 4,4'-DDD

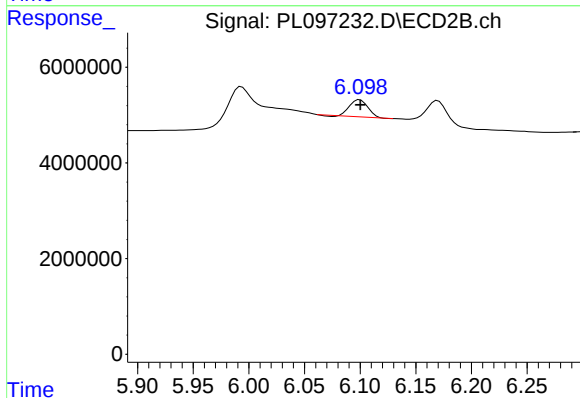
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 5184469
Conc: 1.07 ng/ml



#17 4,4'-DDT

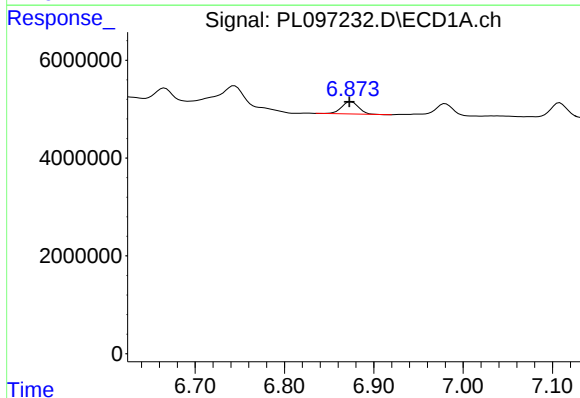
R.T.: 6.980 min
Delta R.T.: 0.003 min
Response: 3501693
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



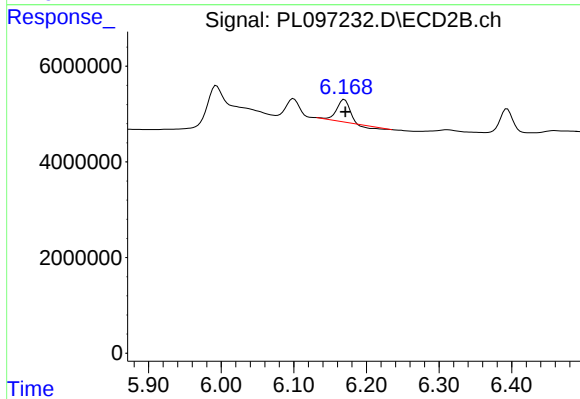
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 3940370
Conc: 0.81 ng/ml



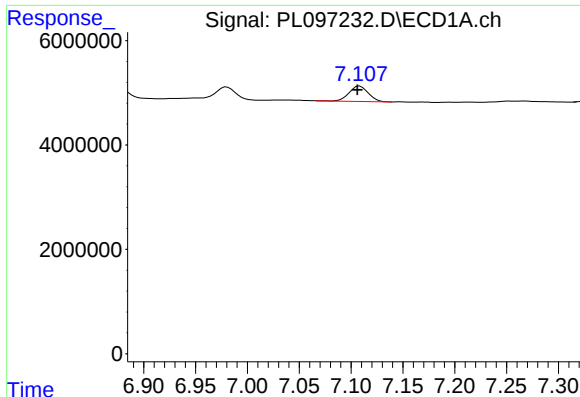
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 3279965
Conc: 1.19 ng/ml



#18 Endrin aldehyde

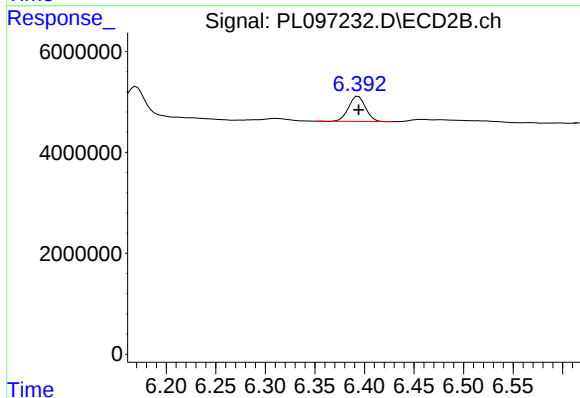
R.T.: 6.170 min
Delta R.T.: -0.001 min
Response: 4888187
Conc: 1.04 ng/ml



#19 Endosulfan Sulfate

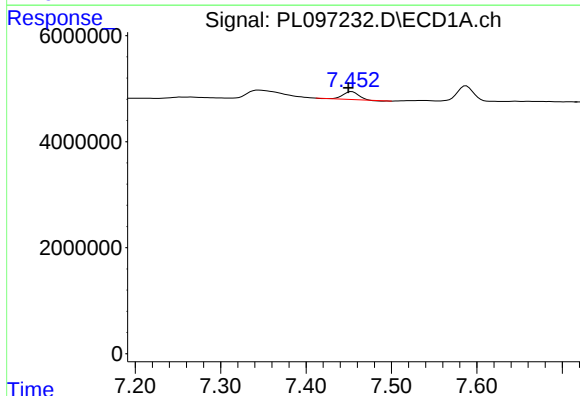
R.T.: 7.108 min
Delta R.T.: 0.002 min
Response: 3832013
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



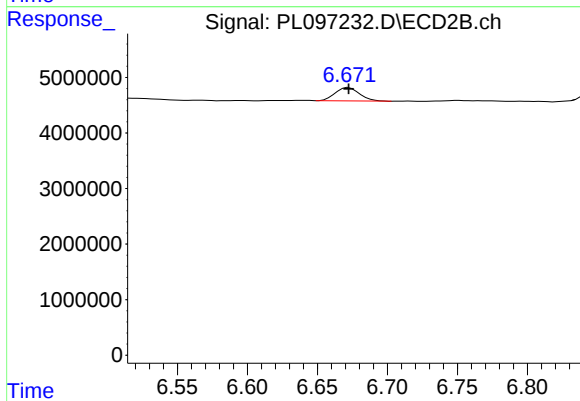
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 5959570
Conc: 1.12 ng/ml



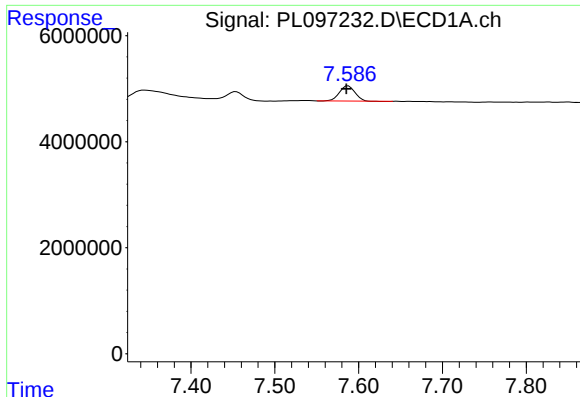
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.004 min
Response: 1854263
Conc: 1.17 ng/ml



#20 Methoxychlor

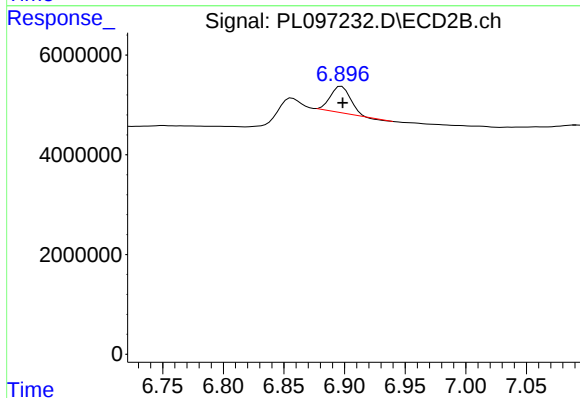
R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 2893913
Conc: 1.12 ng/ml



#21 Endrin ketone

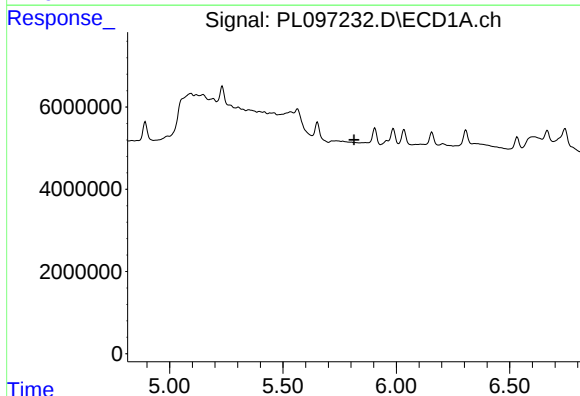
R.T.: 7.588 min
Delta R.T.: 0.002 min
Response: 3654330
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



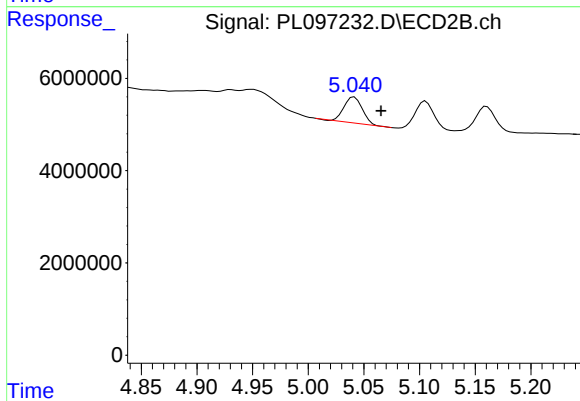
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.000 min
Response: 5650633
Conc: 0.96 ng/ml



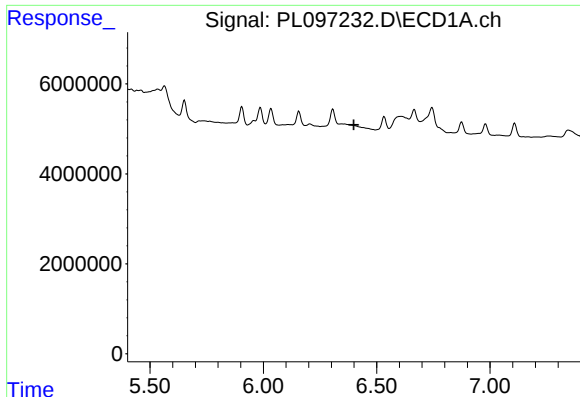
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.813 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

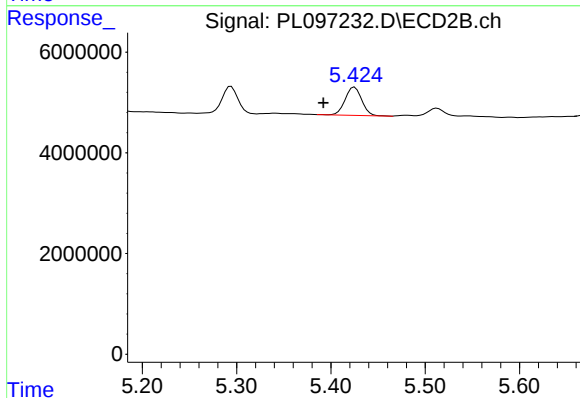
R.T.: 5.041 min
Delta R.T.: -0.024 min
Response: 6310553
Conc: 187.57 ng/ml



#23 Toxaphene-2

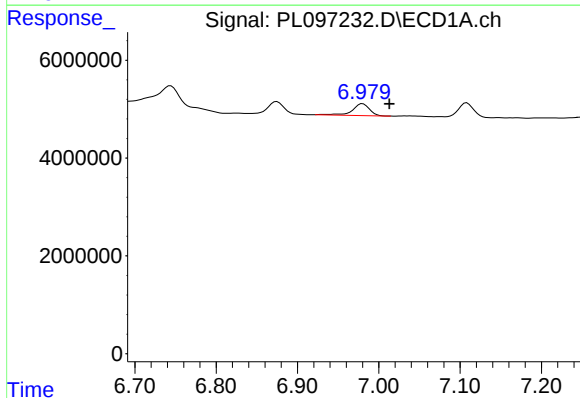
R.T.: 0.000 min
Exp R.T.: 6.400 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



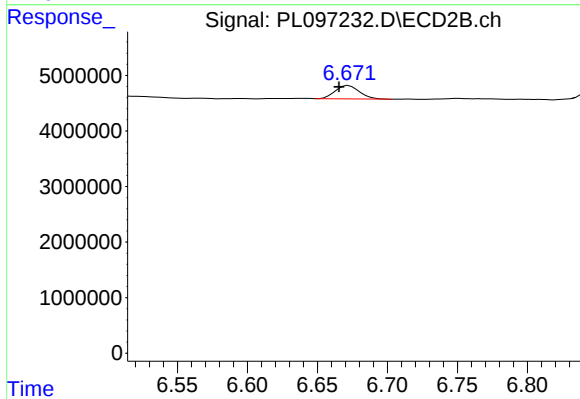
#23 Toxaphene-2

R.T.: 5.425 min
Delta R.T.: 0.033 min
Response: 6873249
Conc: 190.41 ng/ml



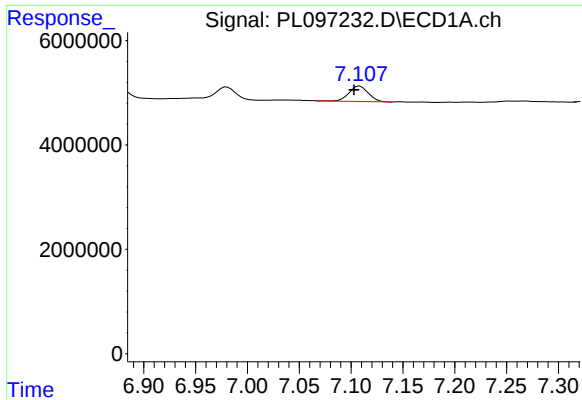
#24 Toxaphene-3

R.T.: 6.980 min
Delta R.T.: -0.033 min
Response: 3501693
Conc: 31.98 ng/ml



#24 Toxaphene-3

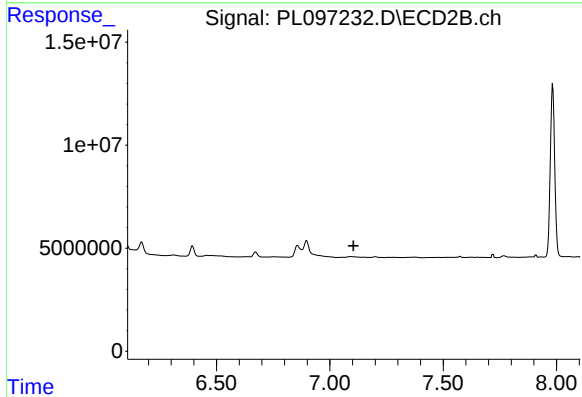
R.T.: 6.672 min
Delta R.T.: 0.007 min
Response: 2893913
Conc: 22.05 ng/ml



#25 Toxaphene-4

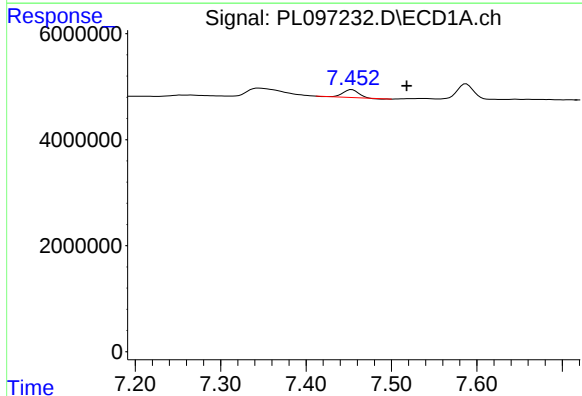
R.T.: 7.108 min
Delta R.T.: 0.005 min
Response: 3832013
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



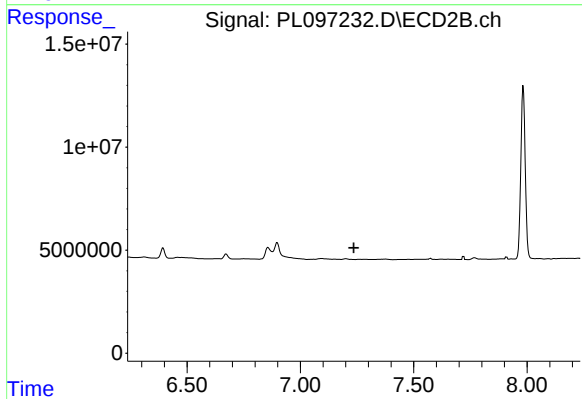
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.105 min
Response: 0
Conc: N.D.



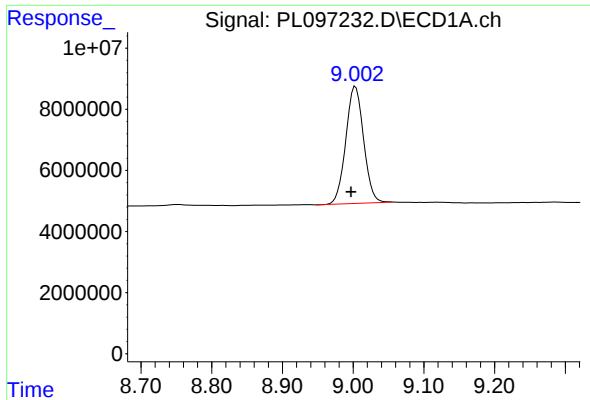
#26 Toxaphene-5

R.T.: 7.454 min
Delta R.T.: -0.064 min
Response: 1854263
Conc: 18.59 ng/ml



#26 Toxaphene-5

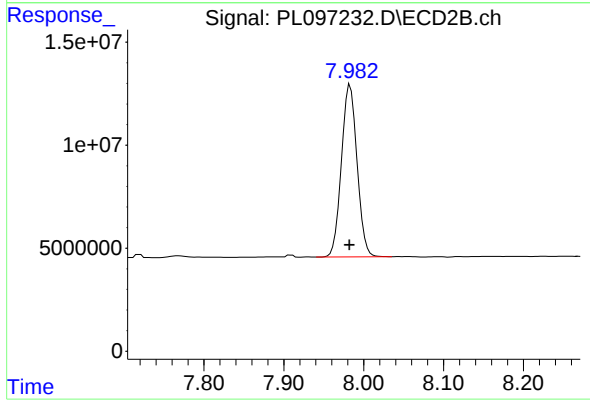
R.T.: 0.000 min
Exp R.T. : 7.236 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: 0.006 min
Response: 66952594
Conc: 25.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT3-2025-05



#27 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 113712347
Conc: 25.52 ng/ml