

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081425\
 Data File : PL096786.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 11:44
 Operator : AR\AJ
 Sample : Q2117-02
 Misc : PEST MDL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-QT2-2025-04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 09:25:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081225CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 13 06:38:25 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

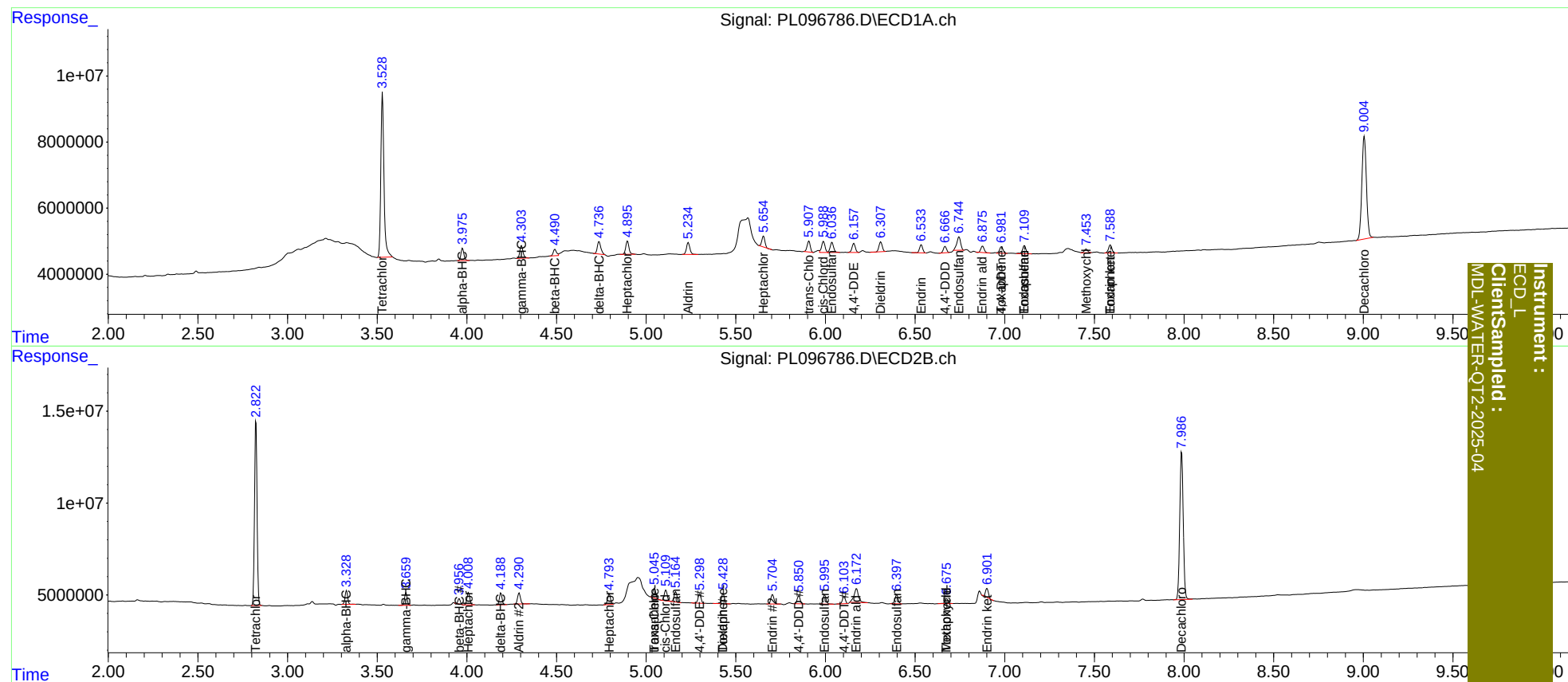
System Monitoring Compounds							
1)	SA Tetrachlo...	3.529	2.824	60618078	98771381	20.275	21.681
27)	SA Decachlor...	9.006	7.987	54915083	109.1E6	24.594	24.590
Target Compounds							
2)	A alpha-BHC	3.976	3.329	4267613	7677438	0.920	1.109
3)	MA gamma-BHC...	4.305	3.661	4830055	6851713	1.100	1.066
4)	MA Heptachlor	4.896	4.009	5053406	7365374	1.152	1.144
5)	MB Aldrin	5.235	4.292	4870913	6826773	1.151	1.149
6)	B beta-BHC	4.491	3.957	2445369	2284145	1.339	0.791 #
7)	B delta-BHC	4.738	4.190	5200737	6498504	1.322	1.031
8)	B Heptachlo...	5.655	4.794	3757299	6479424	1.013	1.171
9)	A Endosulfan I	6.037	5.165	4030419	6549330	1.170	1.258
10)	B trans-Chl...	5.908	5.046	4076668	5812020	1.114	1.036
11)	B cis-Chlor...	5.989	5.110	4481797	6710853	1.217	1.225
12)	B 4,4'-DDE	6.159	5.299	3528226	5802335	1.135	1.064
13)	MA Dieldrin	6.309	5.430	3830283	6432263	1.049	1.104
14)	MA Endrin	6.535	5.705	3031837	6370593	1.046	1.263
15)	B Endosulfa...	6.746	5.996	6048227	6047795	2.113	1.231 #
16)	A 4,4'-DDD	6.668	5.852	2390886	5101698	0.960	1.111
17)	MA 4,4'-DDT	6.982	6.104	2755154	4287602	1.161	0.928
18)	B Endrin al...	6.877	6.174	2422461	13267343	1.128	3.196 #
19)	B Endosulfa...	7.110	6.398	3355565	6103750	1.250	1.233
20)	A Methoxychlor	7.455	6.677	1536193	3502408	1.180	1.423
21)	B Endrin ke...	7.589	6.901	3280920	5130452	1.113	0.973
22)	Toxaphene-1	0.000	5.046	0	5812020	N.D.	185.211
23)	Toxaphene-2	0.000	5.430	0	6432263	N.D.	204.580
24)	Toxaphene-3	6.982f	6.677	2755154	3502408	32.653	27.657
25)	Toxaphene-4	7.110	0.000	3355565	0	51.905	N.D. #
26)	Toxaphene-5	7.589f	0.000	3280920	0	40.784	N.D. #

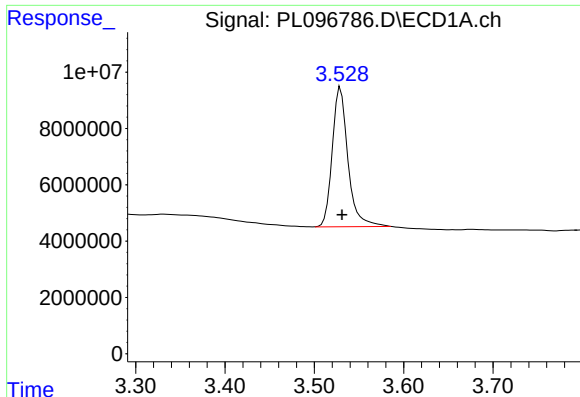
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081425\
Data File : PL096786.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 11:44
Operator : AR\AJ
Sample : Q2117-02
Misc : PEST MDL
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 09:25:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081225CLP.M
Quant Title : GC Extractables
QLast Update : Wed Aug 13 06:38:25 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

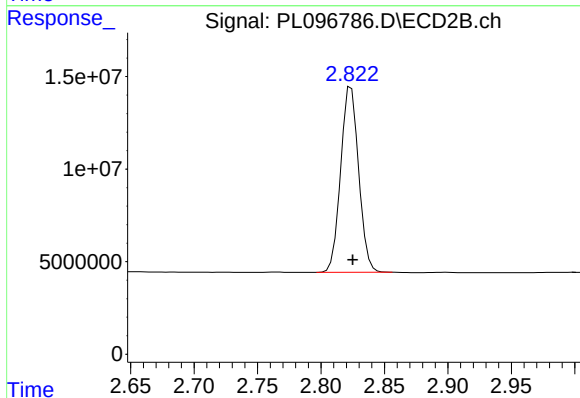




#1 Tetrachloro-m-xylene

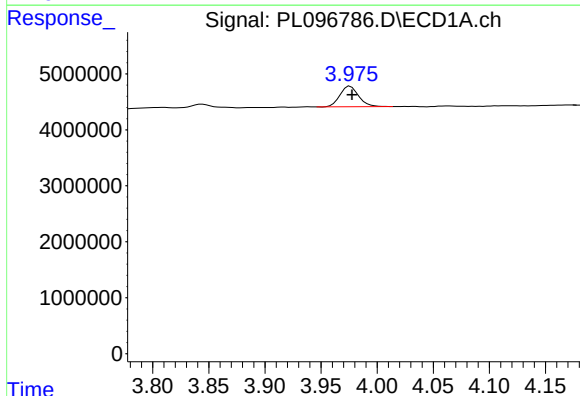
R.T.: 3.529 min
Delta R.T.: -0.002 min
Response: 60618078
Conc: 20.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



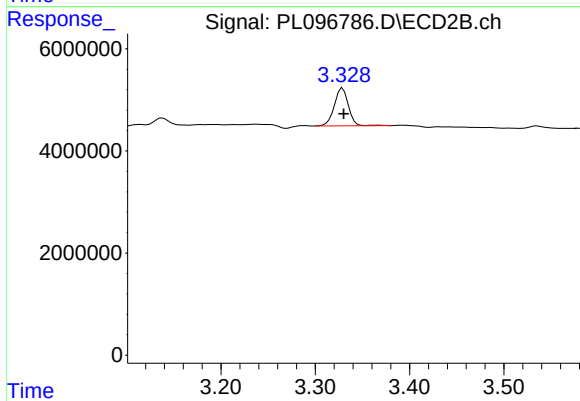
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.001 min
Response: 98771381
Conc: 21.68 ng/ml



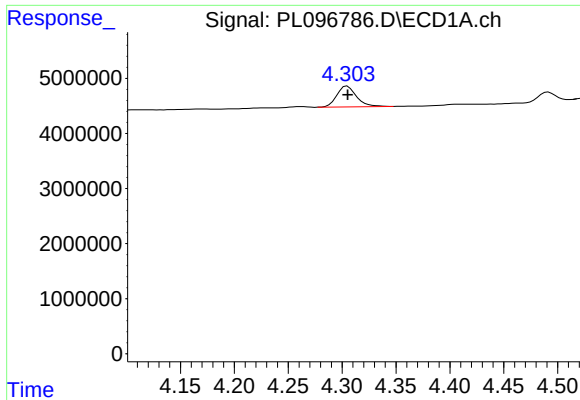
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.002 min
Response: 4267613
Conc: 0.92 ng/ml



#2 alpha-BHC

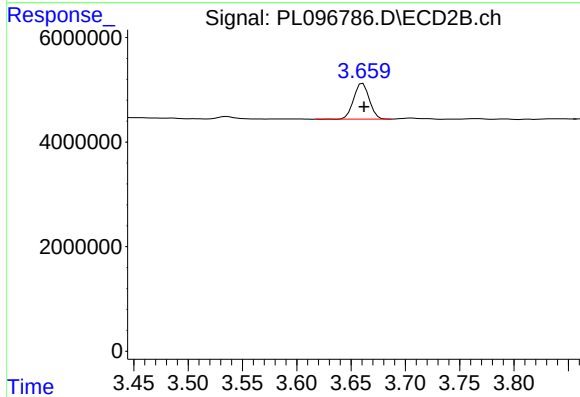
R.T.: 3.329 min
Delta R.T.: -0.001 min
Response: 7677438
Conc: 1.11 ng/ml



#3 gamma-BHC (Lindane)

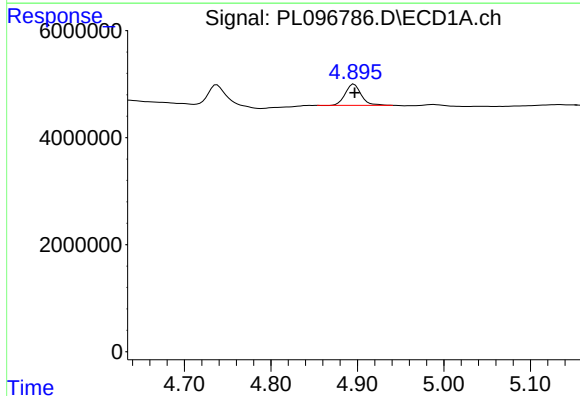
R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 4830055
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



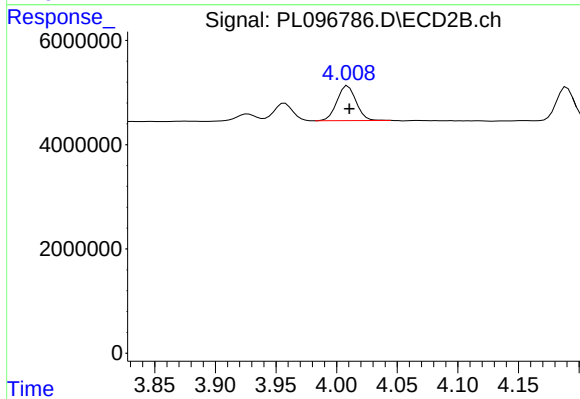
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.001 min
Response: 6851713
Conc: 1.07 ng/ml



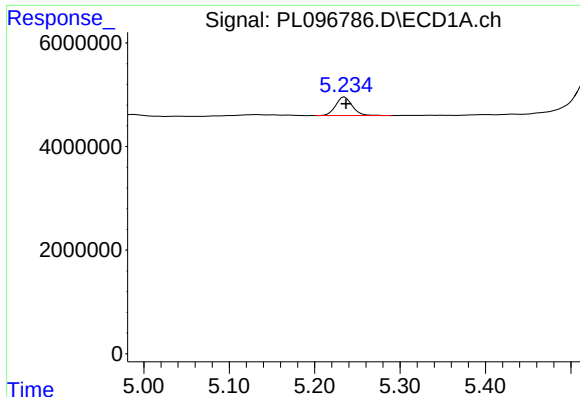
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.001 min
Response: 5053406
Conc: 1.15 ng/ml



#4 Heptachlor

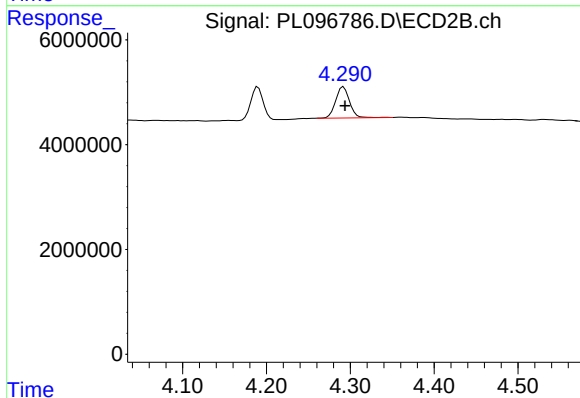
R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 7365374
Conc: 1.14 ng/ml



#5 Aldrin

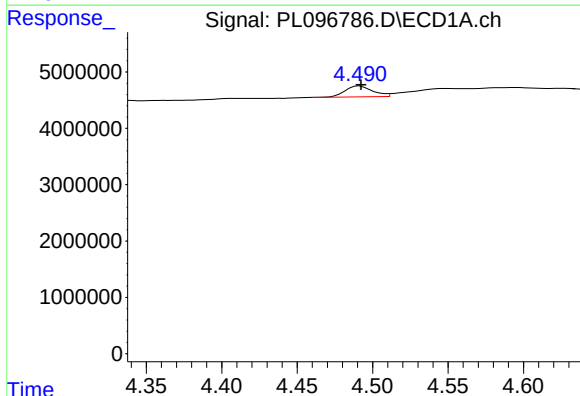
R.T.: 5.235 min
Delta R.T.: -0.002 min
Response: 4870913
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



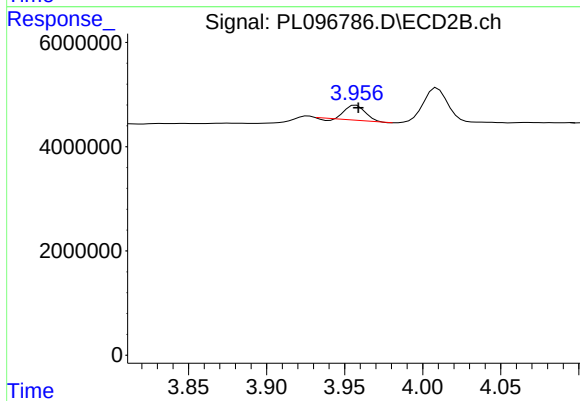
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: -0.002 min
Response: 6826773
Conc: 1.15 ng/ml



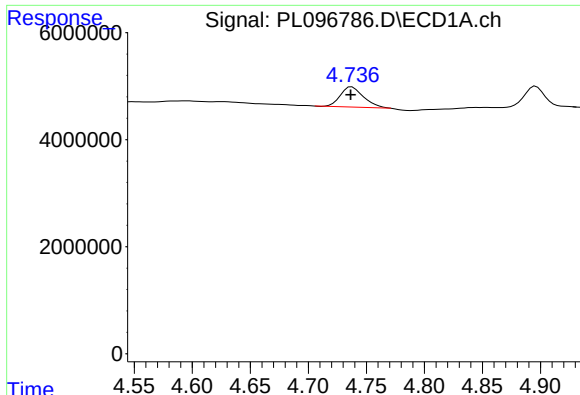
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.001 min
Response: 2445369
Conc: 1.34 ng/ml



#6 beta-BHC

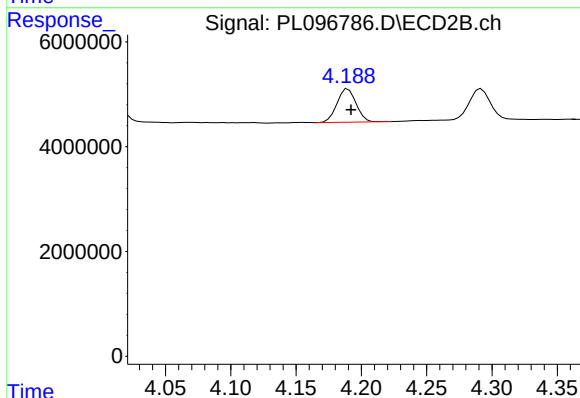
R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 2284145
Conc: 0.79 ng/ml



#7 delta-BHC

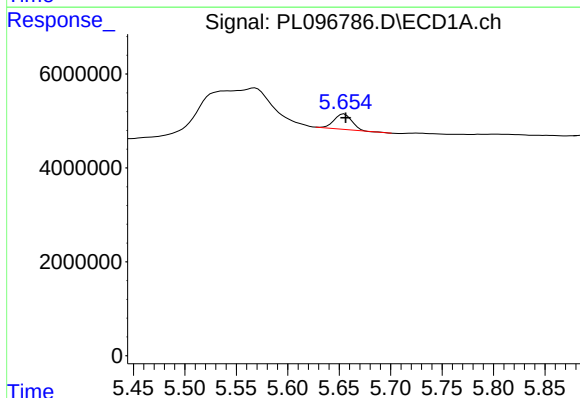
R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 5200737
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



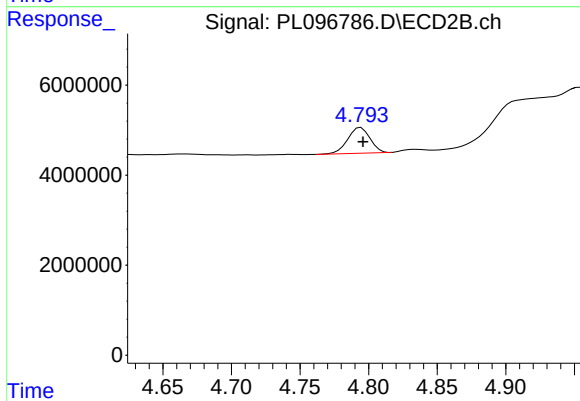
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: -0.002 min
Response: 6498504
Conc: 1.03 ng/ml



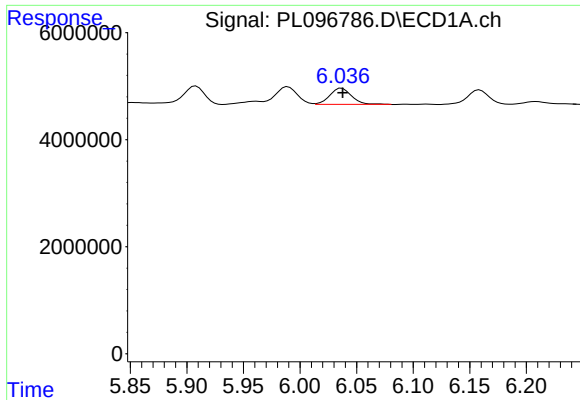
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: -0.002 min
Response: 3757299
Conc: 1.01 ng/ml



#8 Heptachlor epoxide

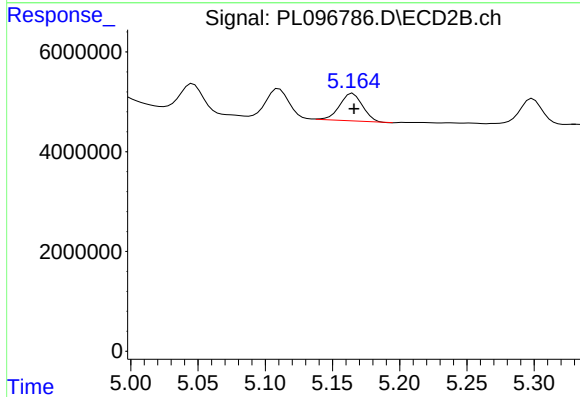
R.T.: 4.794 min
Delta R.T.: -0.001 min
Response: 6479424
Conc: 1.17 ng/ml



#9 Endosulfan I

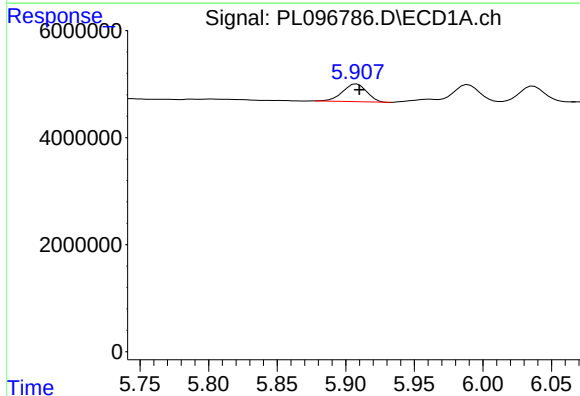
R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 4030419
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



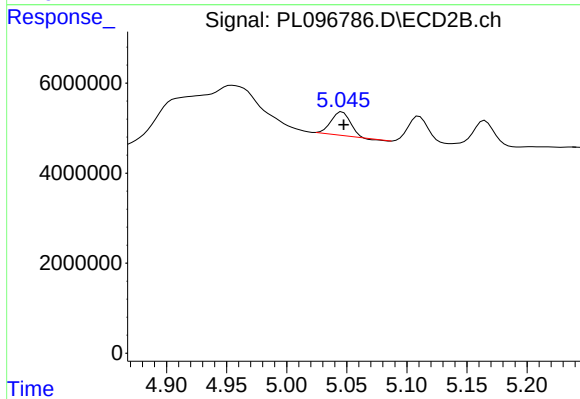
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 6549330
Conc: 1.26 ng/ml



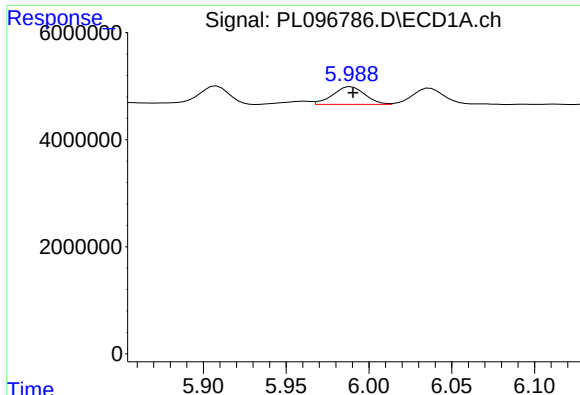
#10 trans-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.002 min
Response: 4076668
Conc: 1.11 ng/ml



#10 trans-Chlordane

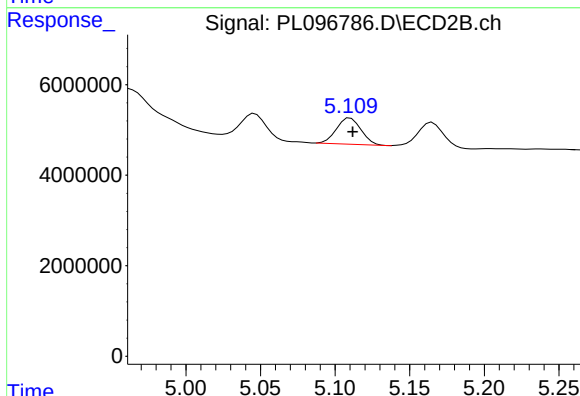
R.T.: 5.046 min
Delta R.T.: -0.001 min
Response: 5812020
Conc: 1.04 ng/ml



#11 cis-Chlordane

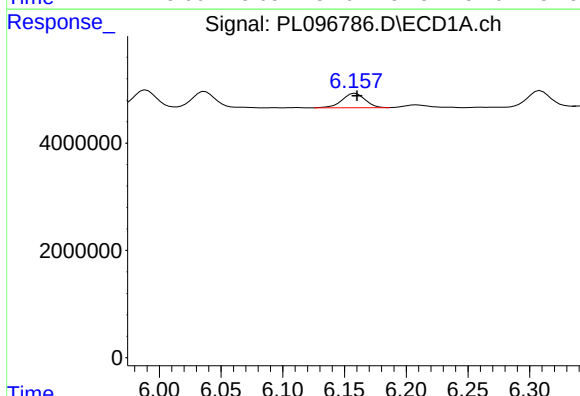
R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 4481797
Conc: 1.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



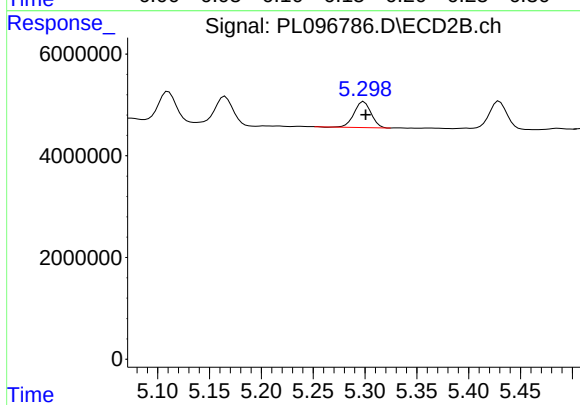
#11 cis-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.002 min
Response: 6710853
Conc: 1.23 ng/ml



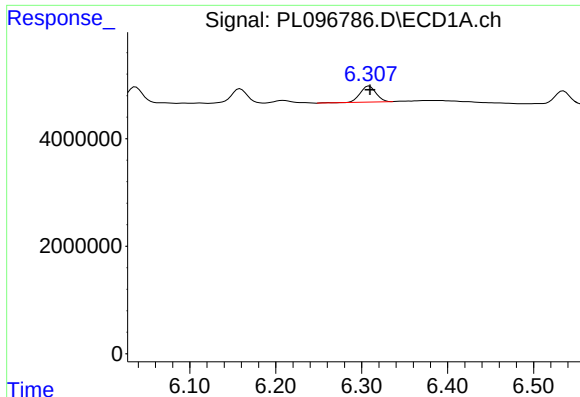
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 3528226
Conc: 1.13 ng/ml



#12 4,4'-DDE

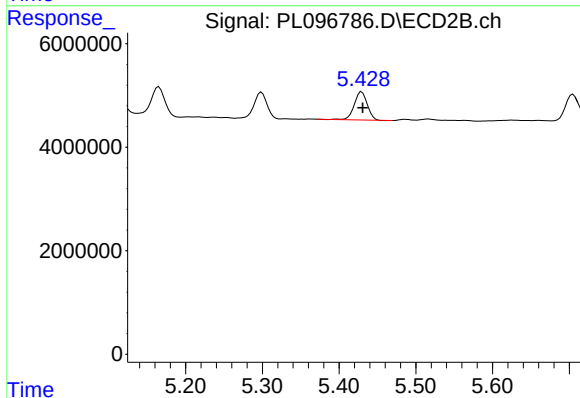
R.T.: 5.299 min
Delta R.T.: -0.002 min
Response: 5802335
Conc: 1.06 ng/ml



#13 Dieldrin

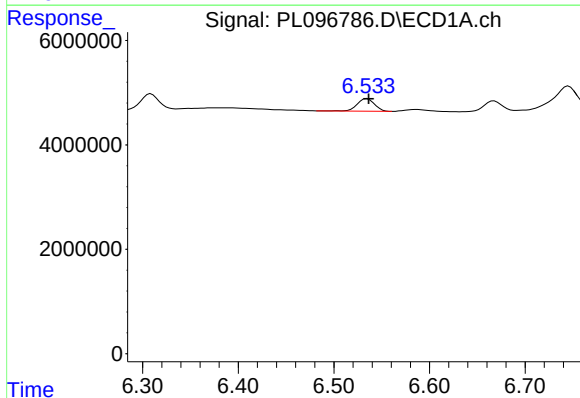
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 3830283
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



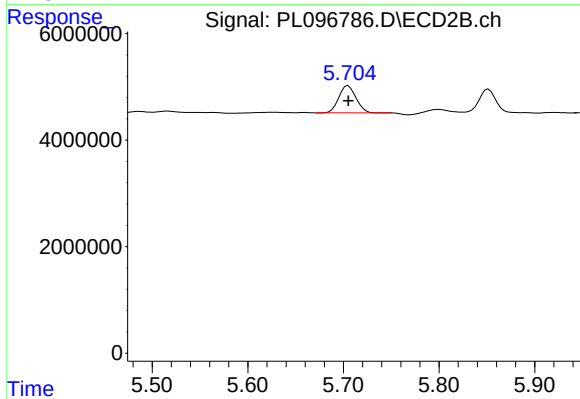
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 6432263
Conc: 1.10 ng/ml



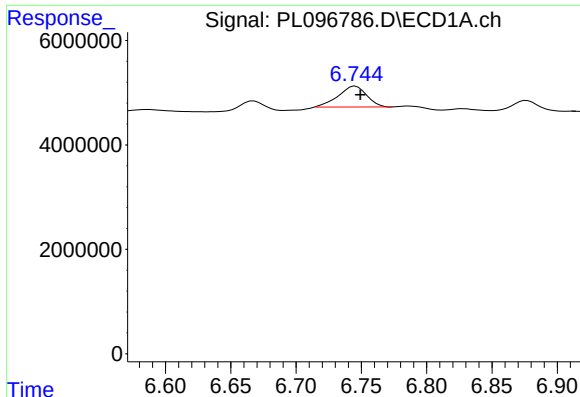
#14 Endrin

R.T.: 6.535 min
Delta R.T.: -0.002 min
Response: 3031837
Conc: 1.05 ng/ml



#14 Endrin

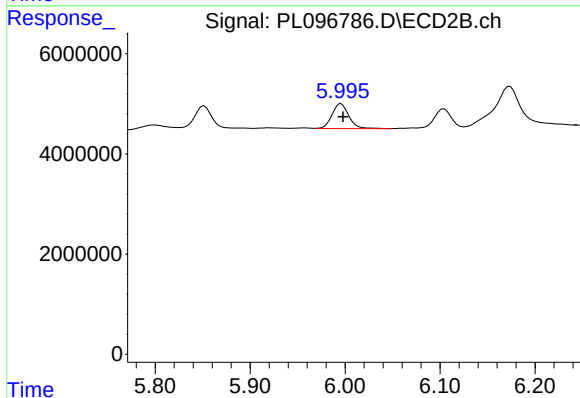
R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 6370593
Conc: 1.26 ng/ml



#15 Endosulfan II

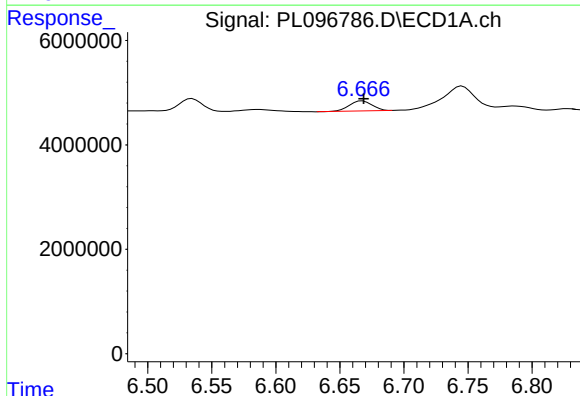
R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 6048227
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



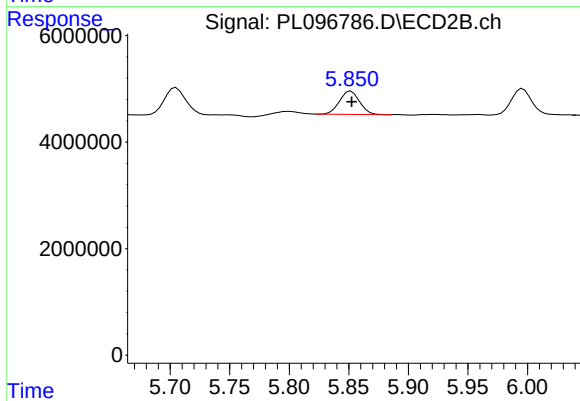
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.002 min
Response: 6047795
Conc: 1.23 ng/ml



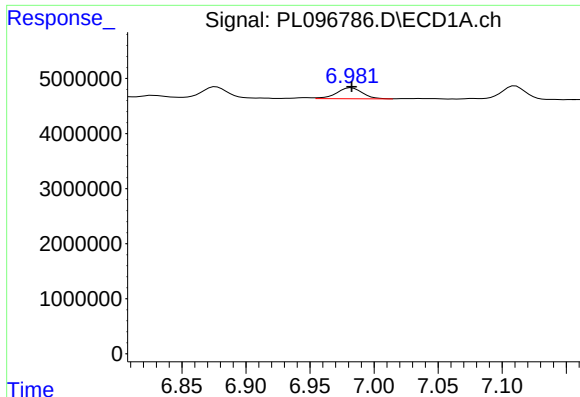
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 2390886
Conc: 0.96 ng/ml



#16 4,4'-DDD

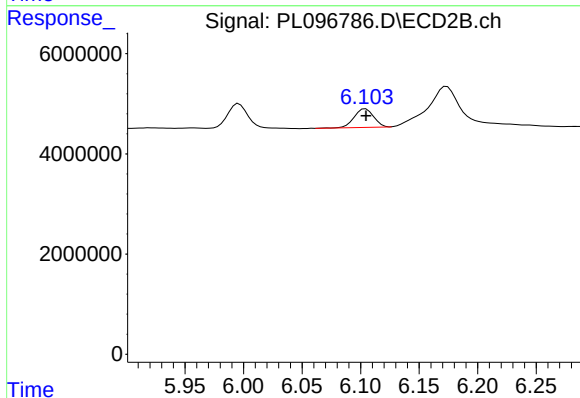
R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 5101698
Conc: 1.11 ng/ml



#17 4,4'-DDT

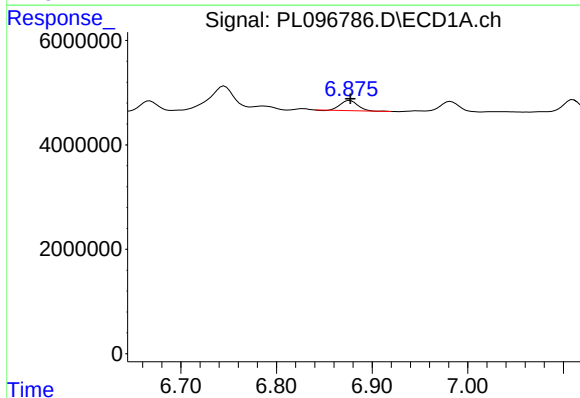
R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 2755154
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



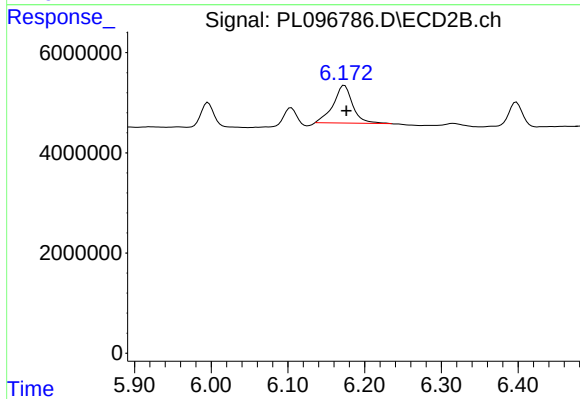
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 4287602
Conc: 0.93 ng/ml



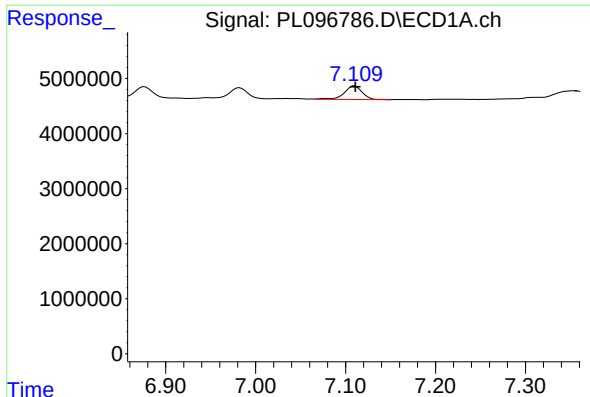
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 2422461
Conc: 1.13 ng/ml



#18 Endrin aldehyde

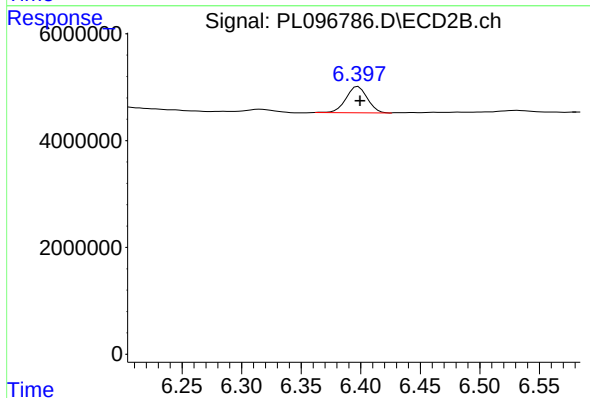
R.T.: 6.174 min
Delta R.T.: -0.002 min
Response: 13267343
Conc: 3.20 ng/ml



#19 Endosulfan Sulfate

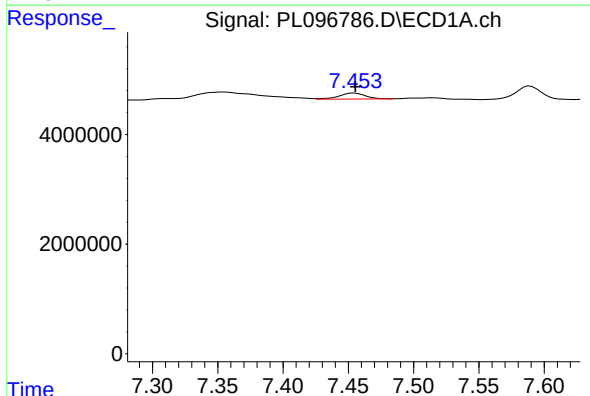
R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 3355565
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



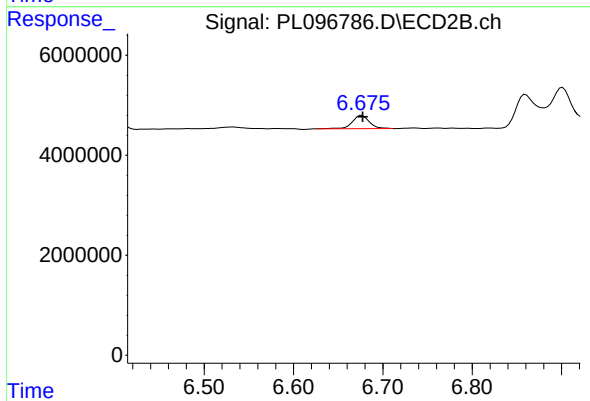
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.001 min
Response: 6103750
Conc: 1.23 ng/ml



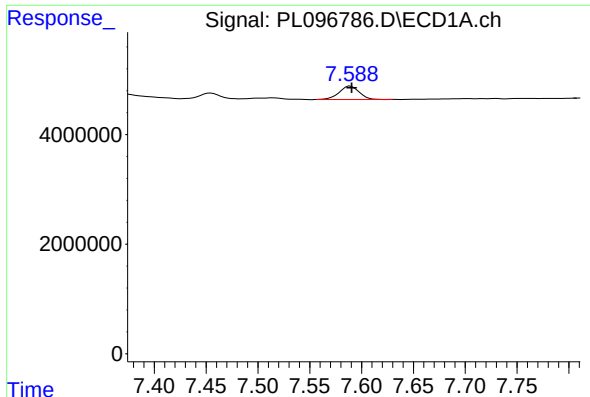
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 1536193
Conc: 1.18 ng/ml



#20 Methoxychlor

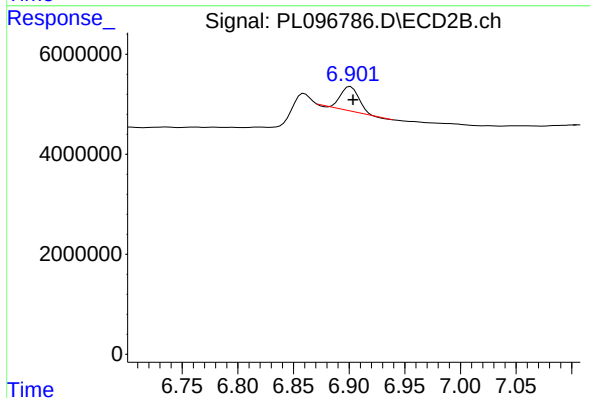
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 3502408
Conc: 1.42 ng/ml



#21 Endrin ketone

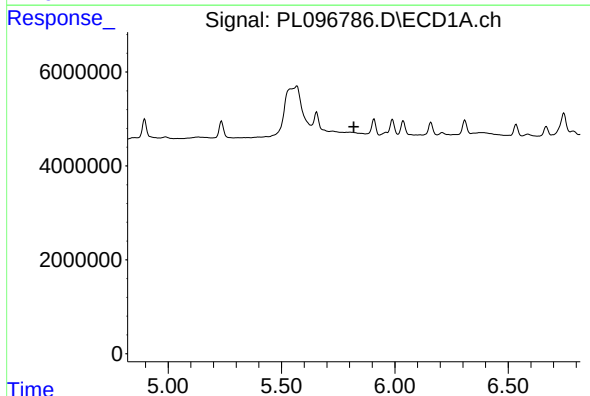
R.T.: 7.589 min
Delta R.T.: -0.001 min
Response: 3280920
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



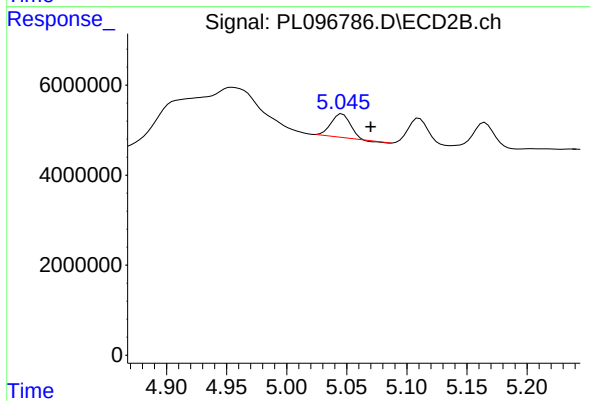
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.002 min
Response: 5130452
Conc: 0.97 ng/ml



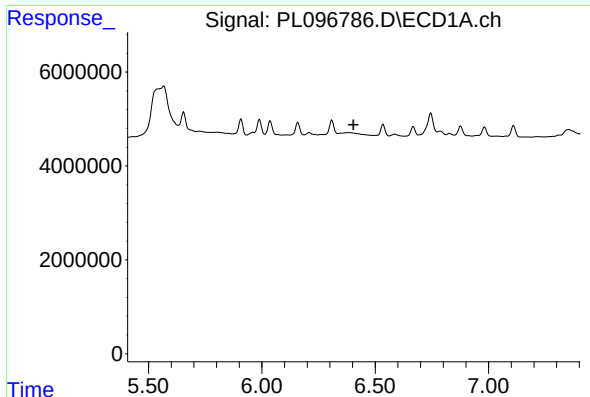
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.818 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

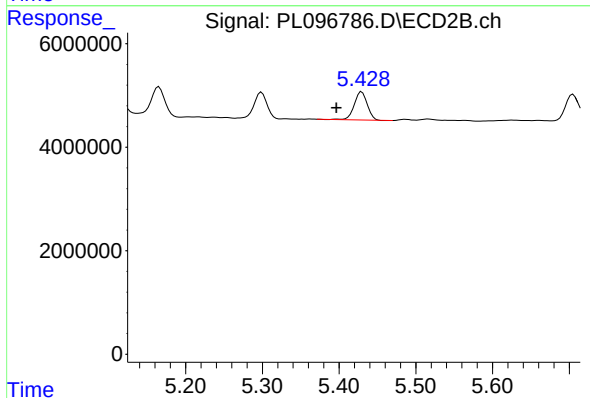
R.T.: 5.046 min
Delta R.T.: -0.024 min
Response: 5812020
Conc: 185.21 ng/ml



#23 Toxaphene-2

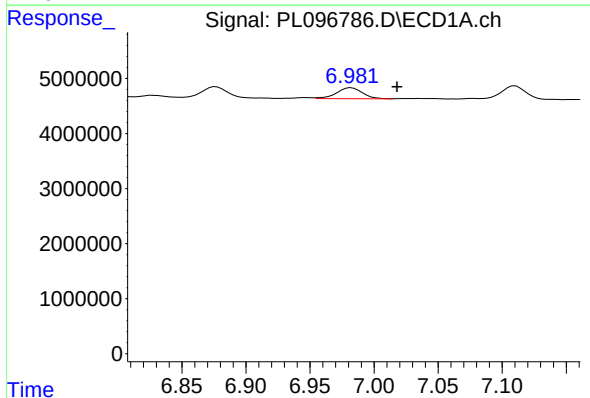
R.T.: 0.000 min
Exp R.T.: 6.404 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



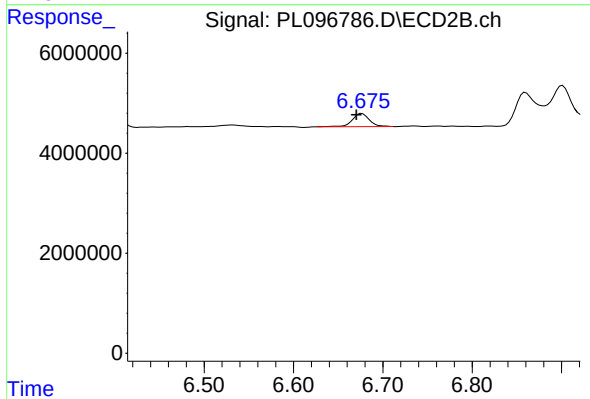
#23 Toxaphene-2

R.T.: 5.430 min
Delta R.T.: 0.033 min
Response: 6432263
Conc: 204.58 ng/ml



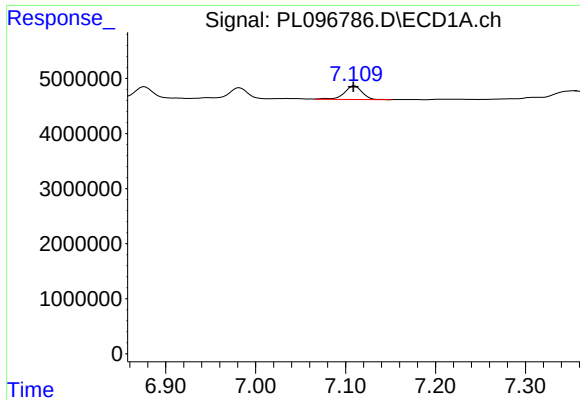
#24 Toxaphene-3

R.T.: 6.982 min
Delta R.T.: -0.036 min
Response: 2755154
Conc: 32.65 ng/ml



#24 Toxaphene-3

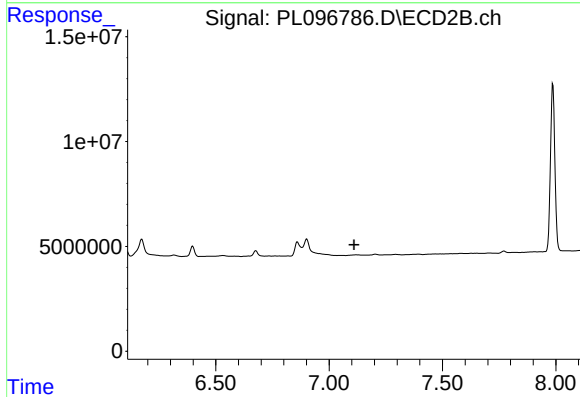
R.T.: 6.677 min
Delta R.T.: 0.006 min
Response: 3502408
Conc: 27.66 ng/ml



#25 Toxaphene-4

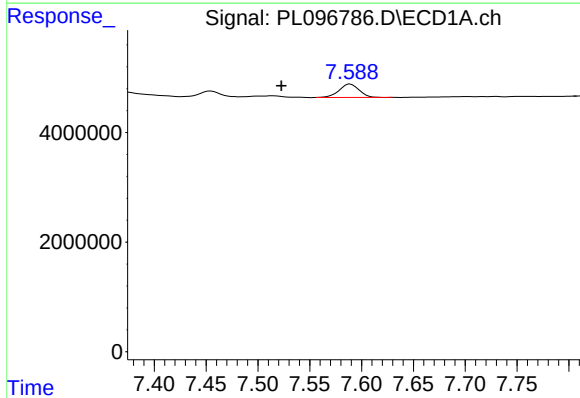
R.T.: 7.110 min
Delta R.T.: 0.002 min
Response: 3355565
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



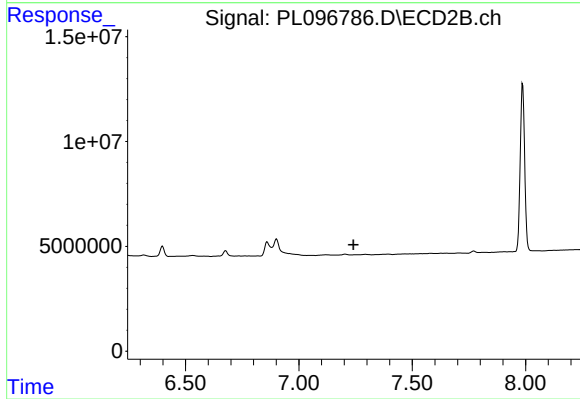
#25 Toxaphene-4

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



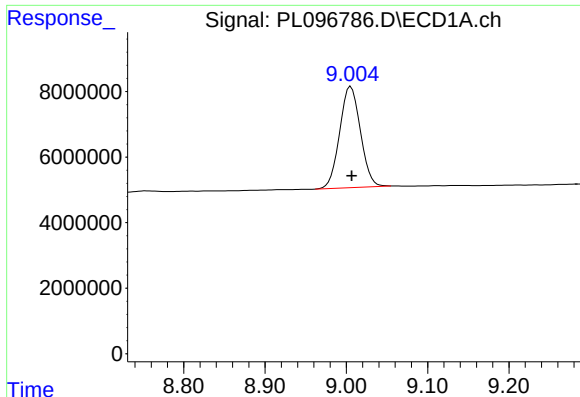
#26 Toxaphene-5

R.T.: 7.589 min
Delta R.T.: 0.067 min
Response: 3280920
Conc: 40.78 ng/ml



#26 Toxaphene-5

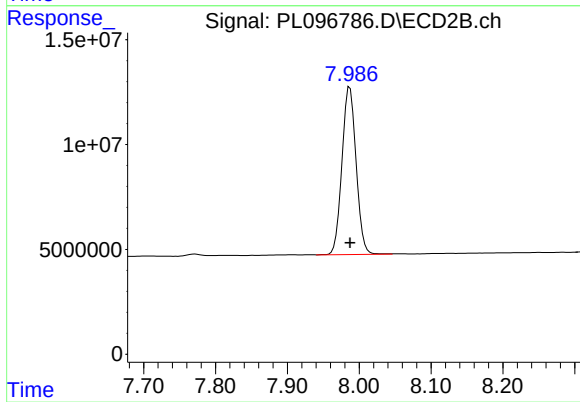
R.T.: 0.000 min
Exp R.T. : 7.241 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.006 min
Delta R.T.: 0.000 min
Response: 54915083
Conc: 24.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT2-2025-04



#27 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: 0.000 min
Response: 109095468
Conc: 24.59 ng/ml