

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112724\
 Data File : PL093298.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2024 16:27
 Operator : AR\AJ
 Sample : P4776-01
 Misc : PEST MDL 1 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-QT4-2024-07

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 00:12:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112724CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:17:00 2024
 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

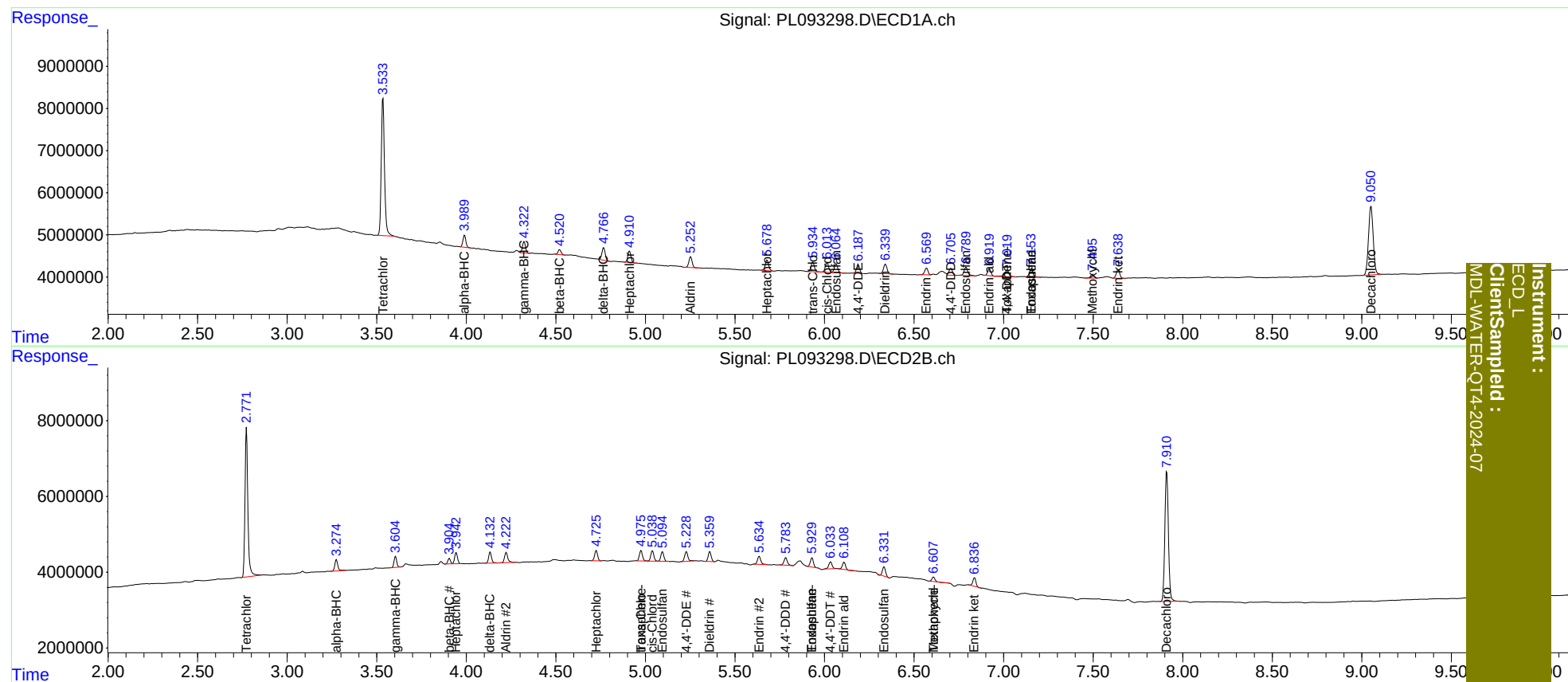
System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.773	40931519	44059743	15.415	15.349
27)	SA Decachlor...	9.052	7.911	29733600	47662867	14.709	14.208
Target Compounds							
2)	A alpha-BHC	3.990	3.275	3301475	3587660	0.866	0.840
3)	MA gamma-BHC...	4.323	3.605	3144721	3016876	0.888	0.747
4)	MA Heptachlor	4.911	3.944	3298436	3297347	0.950	0.781
5)	MB Aldrin	5.253	4.223	3163821	3433083	0.994	0.876
6)	B beta-BHC	4.521	3.905	1411806	1445291	0.875	0.760
7)	B delta-BHC	4.767	4.134	3734423	3270871	1.080	0.789 #
8)	B Heptachlo...	5.680	4.726	3368185	3115618	1.123	0.825 #
9)	A Endosulfan I	6.065	5.096	2819592	2874236	1.058	0.820
10)	B trans-Chl...	5.935	4.976	2899331	3339911	1.015	0.838
11)	B cis-Chlor...	6.015	5.040	3122497	3236094	1.089	0.838
12)	B 4,4'-DDE	6.188	5.229	2517676	3229597	0.988	0.815
13)	MA Dieldrin	6.340	5.360	2957840	2968436	1.067	0.758 #
14)	MA Endrin	6.570	5.636	2035792	2807215	0.900	0.826
15)	B Endosulfa...	6.791	5.931	2974960	2851180	1.237	0.826 #
16)	A 4,4'-DDD	6.706	5.784	2313046	2605994	1.150	0.871
17)	MA 4,4'-DDT	7.020	6.034	2571122	2398716	1.228	0.756 #
18)	B Endrin al...	6.921	6.110	1961513	2139797	1.074	0.817
19)	B Endosulfa...	7.155	6.333	2585499	2783119	1.146	0.861
20)	A Methoxychlor	7.497	6.609	1237354	1347179	1.153	0.824 #
21)	B Endrin ke...	7.640	6.838	2744469	2572828	1.086	0.710 #
22)	Toxaphene-1	0.000	4.976	0	3339911	N.D.	173.421
23)	Toxaphene-2	0.000	5.931	0	2851180	N.D.	173.899
24)	Toxaphene-3	7.020f	6.609	2571122	1347179	39.082	17.949 #
25)	Toxaphene-4	7.155	0.000	2585499	0	52.619	N.D. #

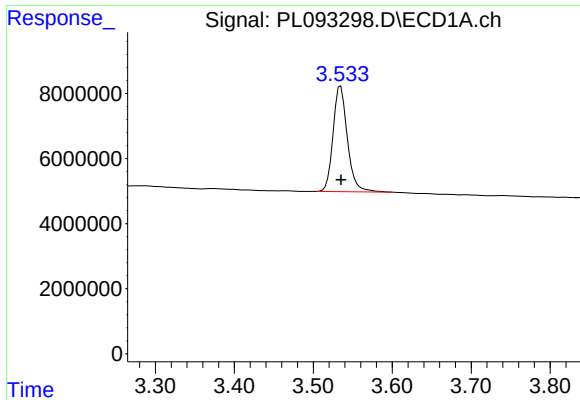
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112724\
Data File : PL093298.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2024 16:27
Operator : AR\AJ
Sample : P4776-01
Misc : PEST MDL 1 PPB
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 28 00:12:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112724CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:17:00 2024
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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

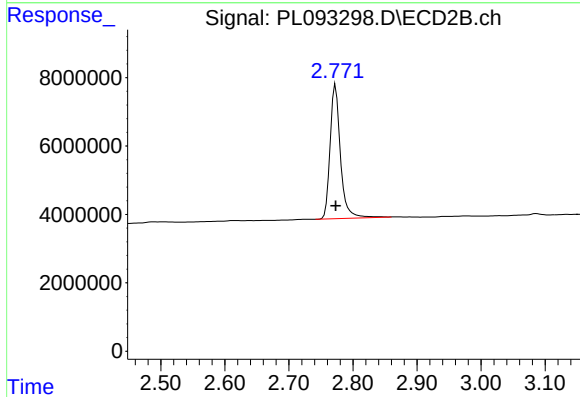




#1 Tetrachloro-m-xylene

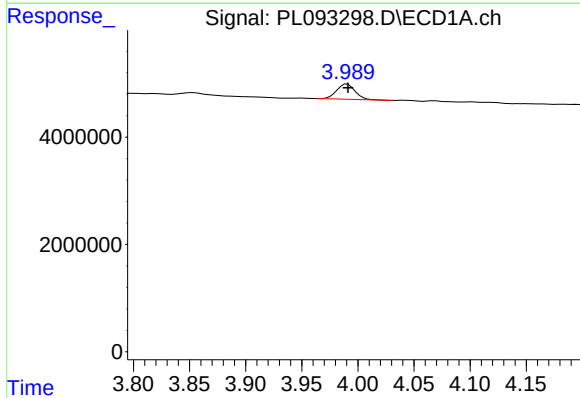
R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 40931519
Conc: 15.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



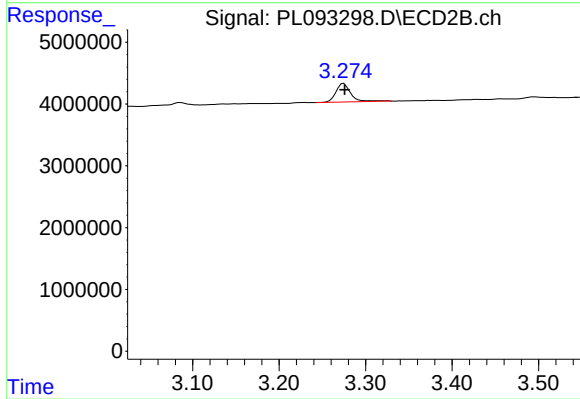
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 44059743
Conc: 15.35 ng/ml



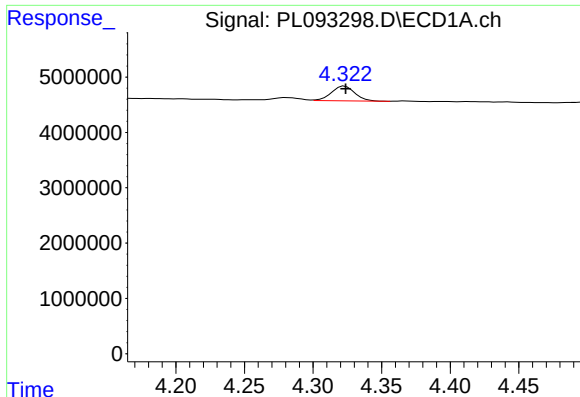
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: 0.000 min
Response: 3301475
Conc: 0.87 ng/ml



#2 alpha-BHC

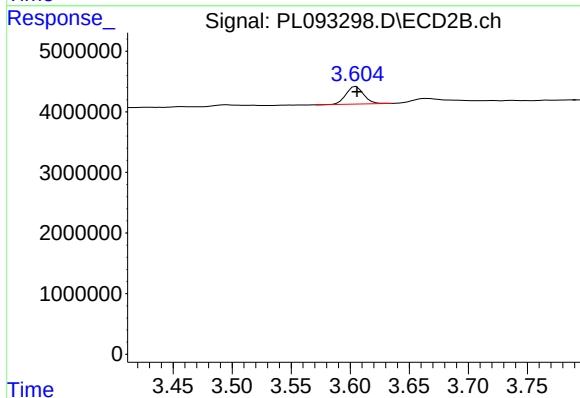
R.T.: 3.275 min
Delta R.T.: 0.000 min
Response: 3587660
Conc: 0.84 ng/ml



#3 gamma-BHC (Lindane)

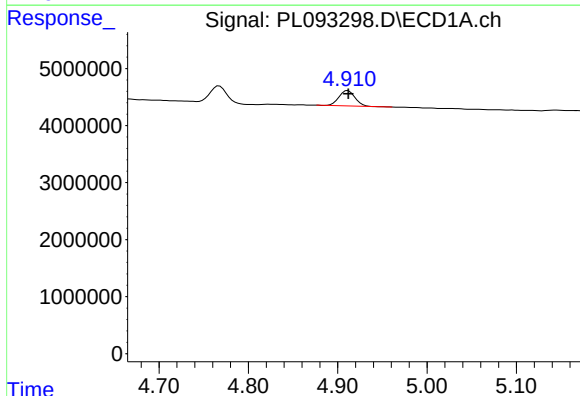
R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 3144721
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



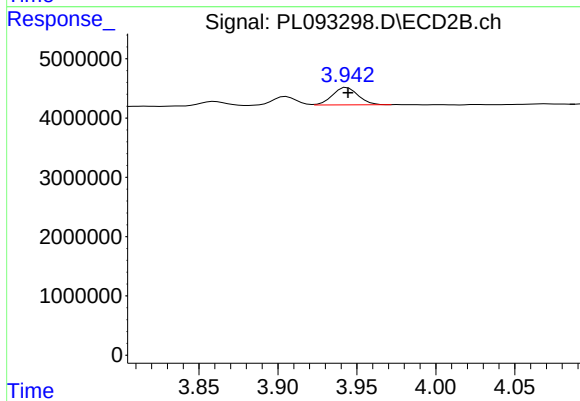
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 3016876
Conc: 0.75 ng/ml



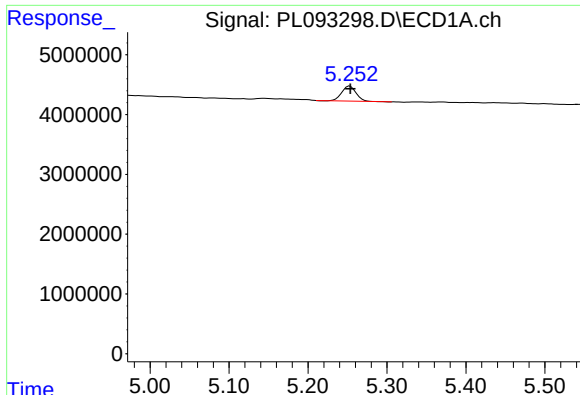
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 3298436
Conc: 0.95 ng/ml



#4 Heptachlor

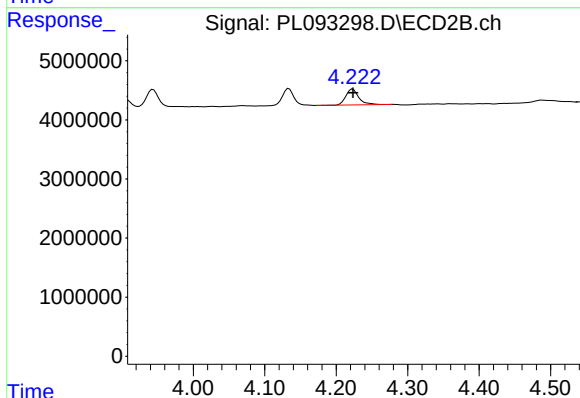
R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 3297347
Conc: 0.78 ng/ml



#5 Aldrin

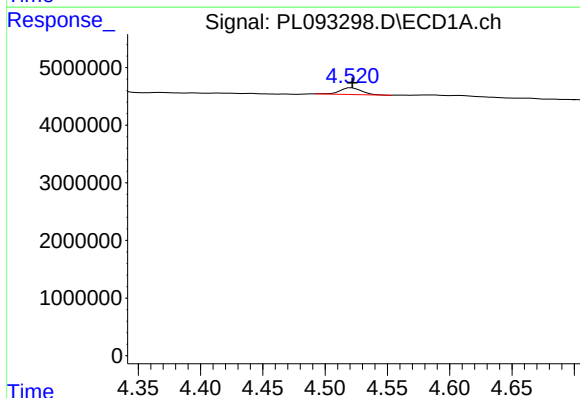
R.T.: 5.253 min
Delta R.T.: -0.001 min
Response: 3163821
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



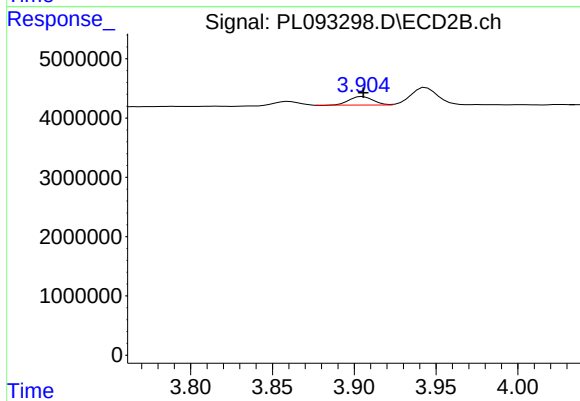
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 3433083
Conc: 0.88 ng/ml



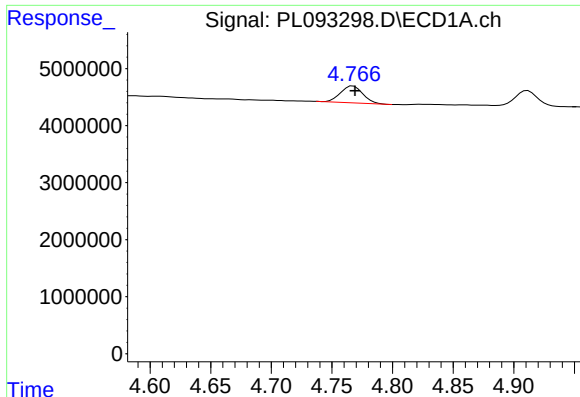
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 1411806
Conc: 0.88 ng/ml



#6 beta-BHC

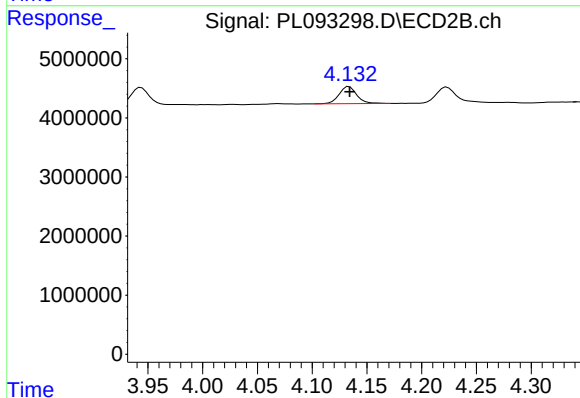
R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 1445291
Conc: 0.76 ng/ml



#7 delta-BHC

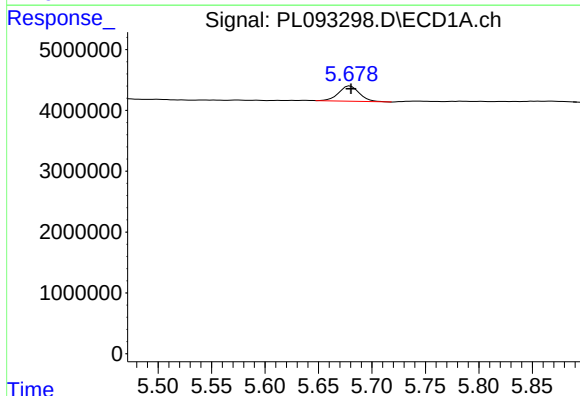
R.T.: 4.767 min
Delta R.T.: -0.002 min
Response: 3734423
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



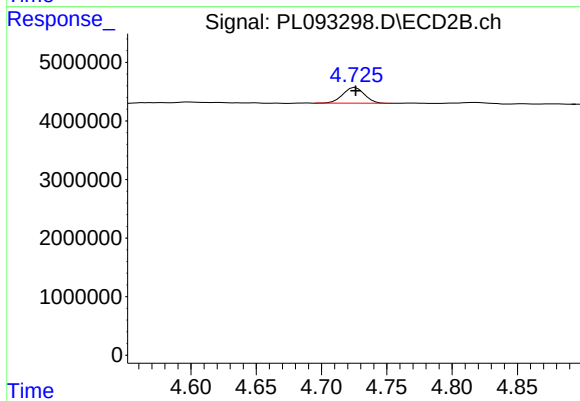
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: 0.000 min
Response: 3270871
Conc: 0.79 ng/ml



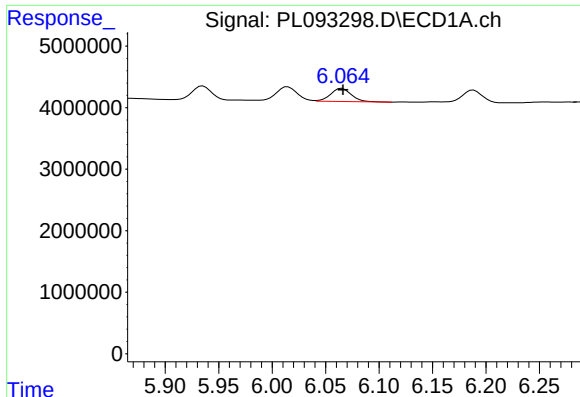
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 3368185
Conc: 1.12 ng/ml



#8 Heptachlor epoxide

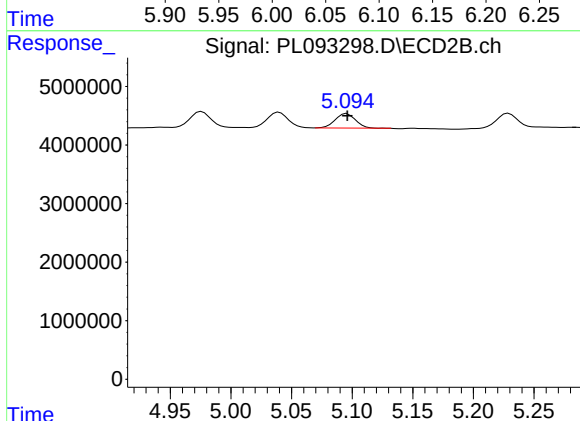
R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 3115618
Conc: 0.83 ng/ml



#9 Endosulfan I

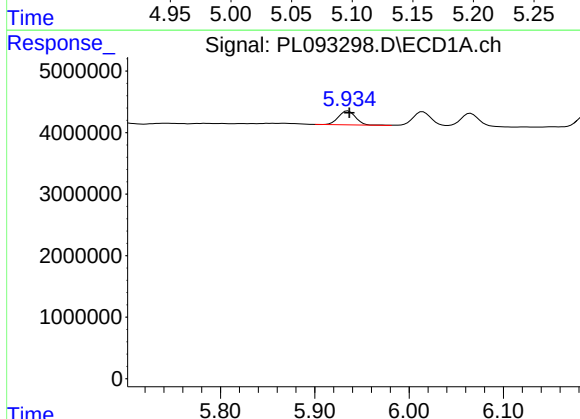
R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 2819592
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



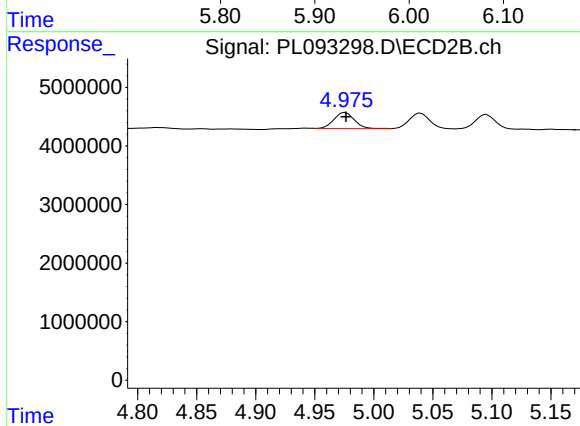
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 2874236
Conc: 0.82 ng/ml



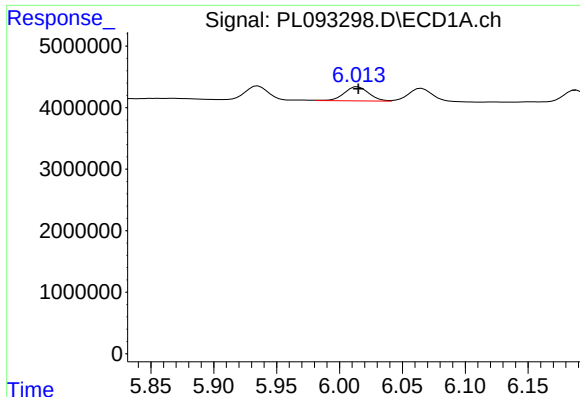
#10 trans-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.001 min
Response: 2899331
Conc: 1.02 ng/ml



#10 trans-Chlordane

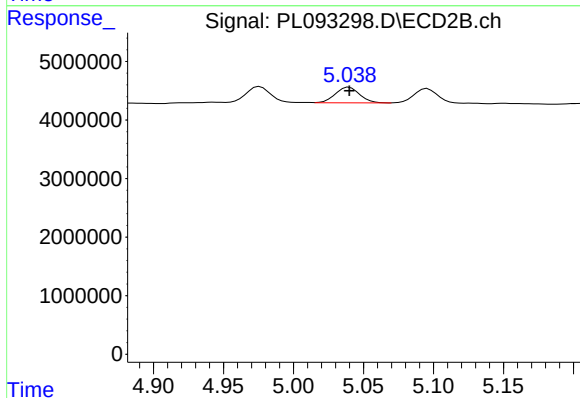
R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 3339911
Conc: 0.84 ng/ml



#11 cis-Chlordane

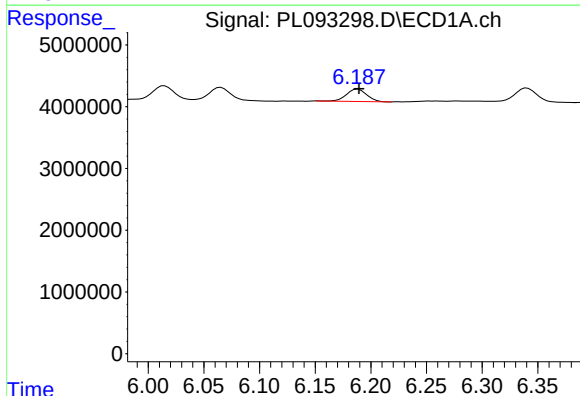
R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 3122497
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



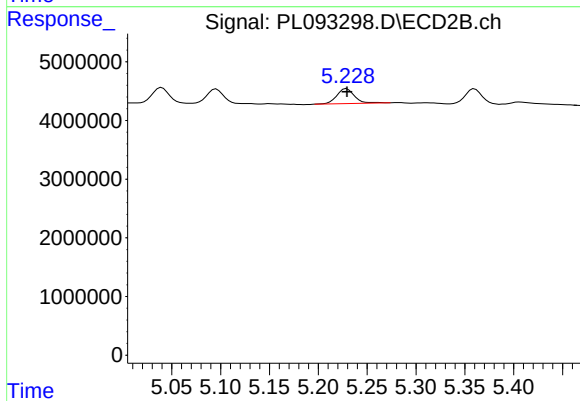
#11 cis-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 3236094
Conc: 0.84 ng/ml



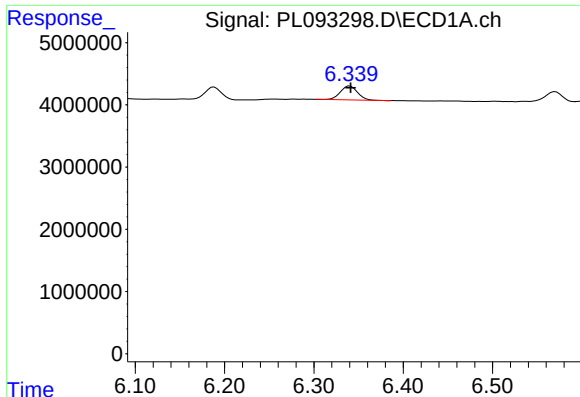
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 2517676
Conc: 0.99 ng/ml



#12 4,4'-DDE

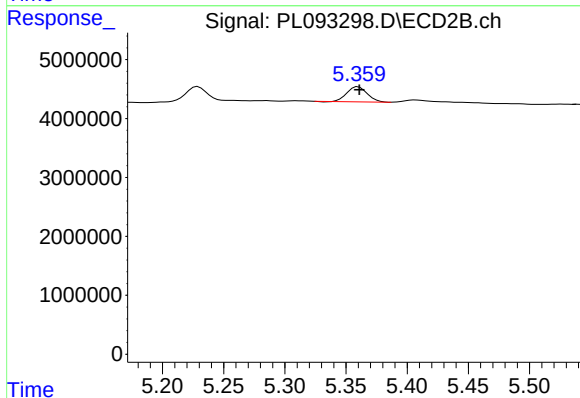
R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 3229597
Conc: 0.81 ng/ml



#13 Dieldrin

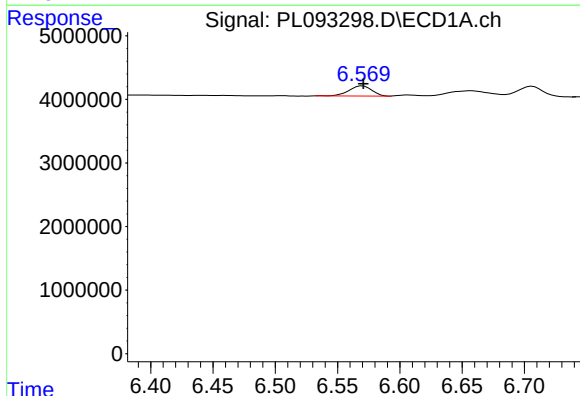
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 2957840
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



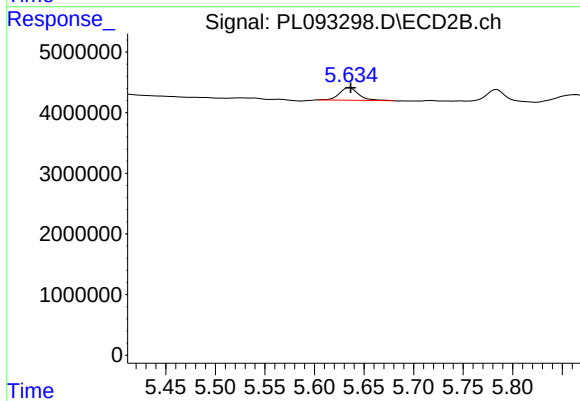
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 2968436
Conc: 0.76 ng/ml



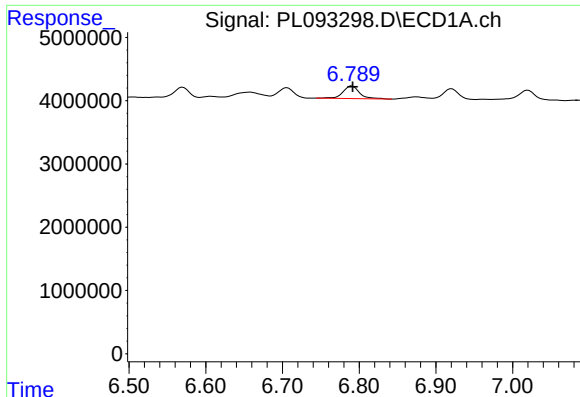
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 2035792
Conc: 0.90 ng/ml



#14 Endrin

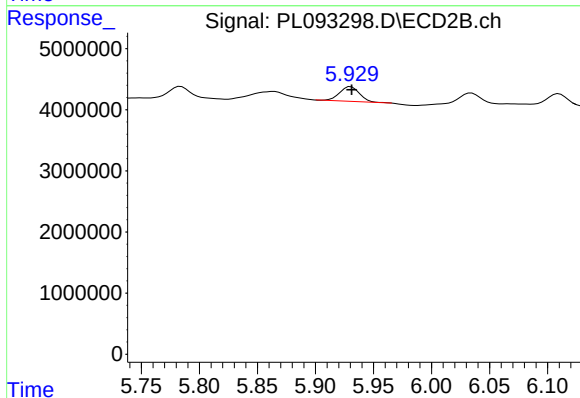
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 2807215
Conc: 0.83 ng/ml



#15 Endosulfan II

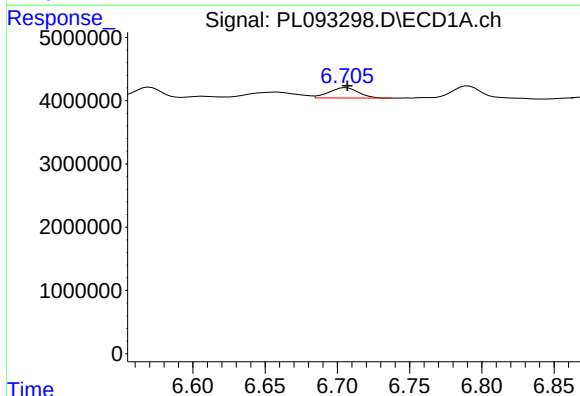
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 2974960
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



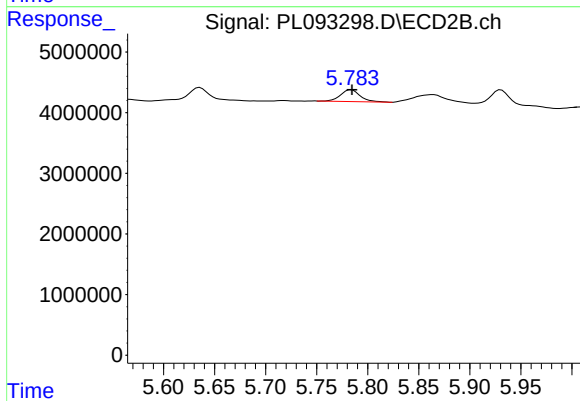
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 2851180
Conc: 0.83 ng/ml



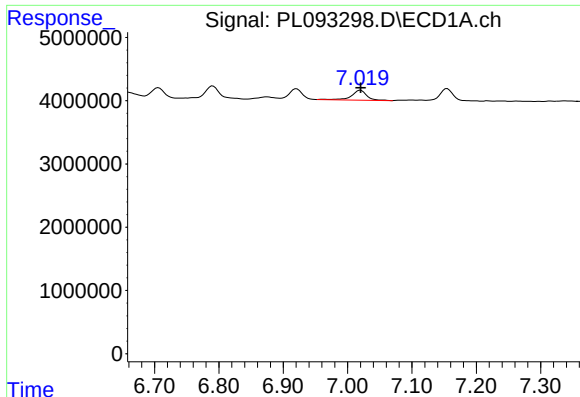
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 2313046
Conc: 1.15 ng/ml



#16 4,4'-DDD

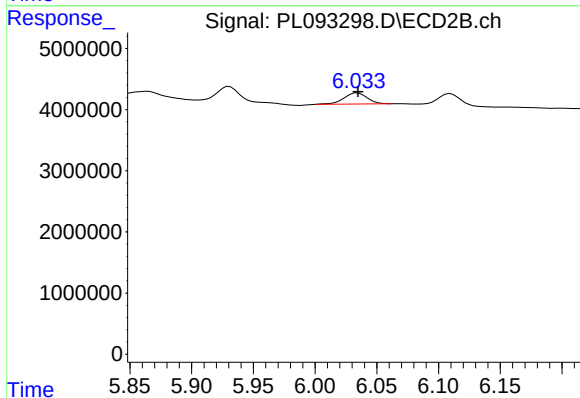
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 2605994
Conc: 0.87 ng/ml



#17 4,4'-DDT

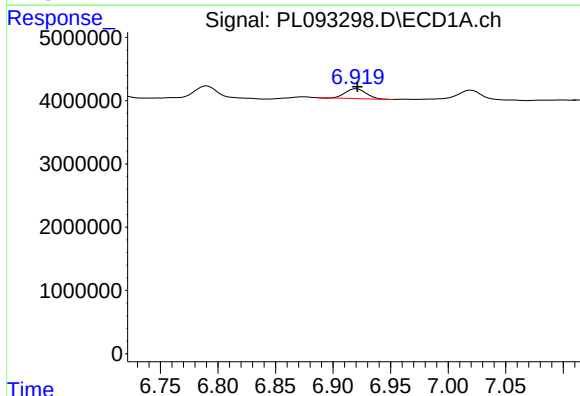
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 2571122
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



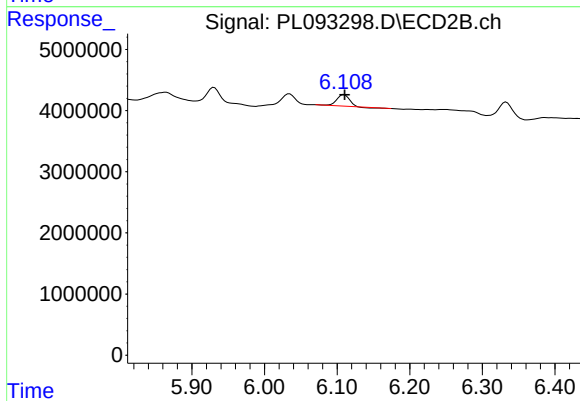
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 2398716
Conc: 0.76 ng/ml



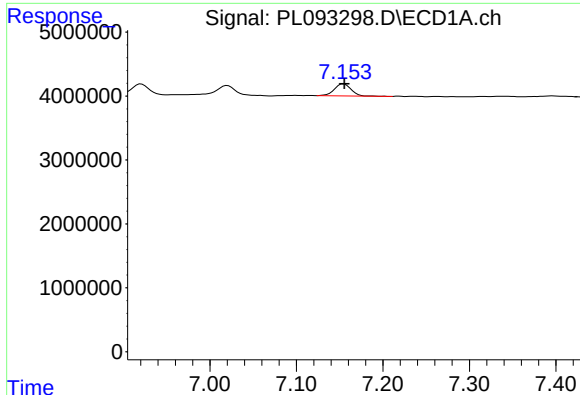
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 1961513
Conc: 1.07 ng/ml



#18 Endrin aldehyde

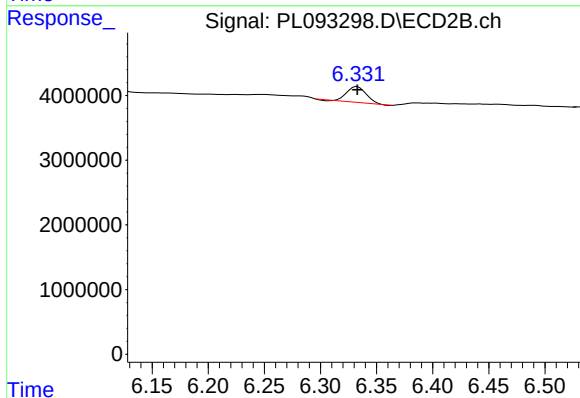
R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 2139797
Conc: 0.82 ng/ml



#19 Endosulfan Sulfate

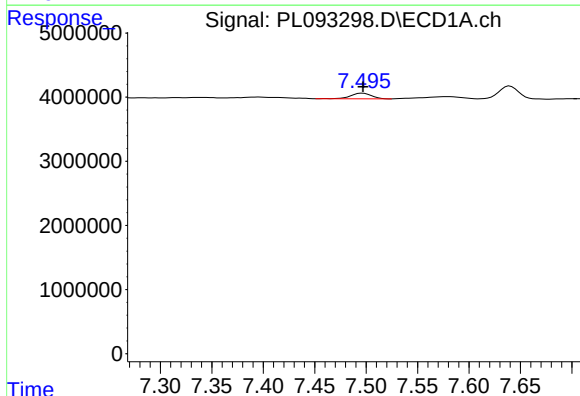
R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 2585499
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



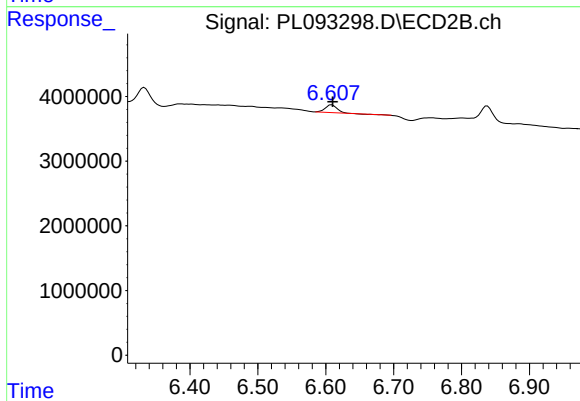
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 2783119
Conc: 0.86 ng/ml



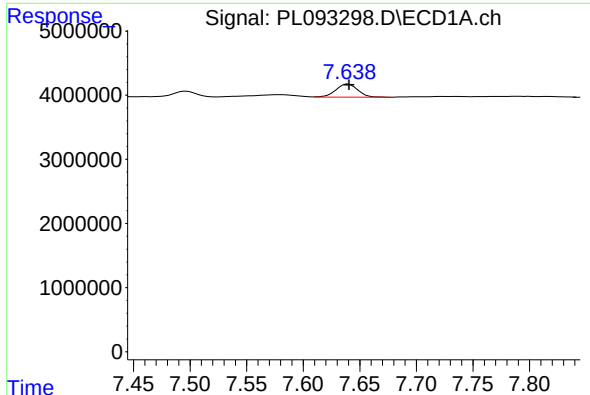
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 1237354
Conc: 1.15 ng/ml



#20 Methoxychlor

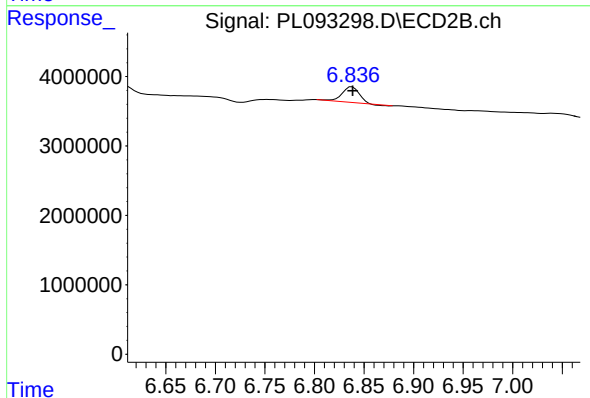
R.T.: 6.609 min
Delta R.T.: -0.001 min
Response: 1347179
Conc: 0.82 ng/ml



#21 Endrin ketone

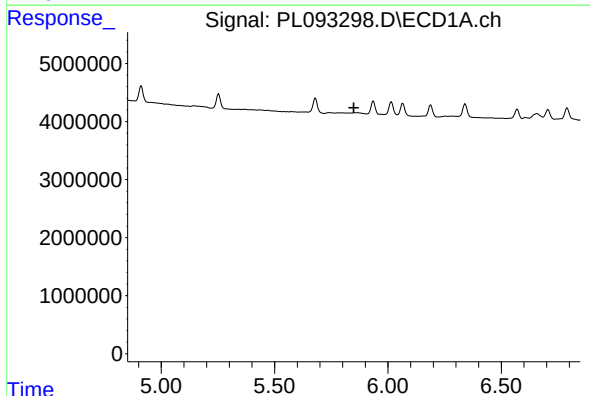
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 2744469
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



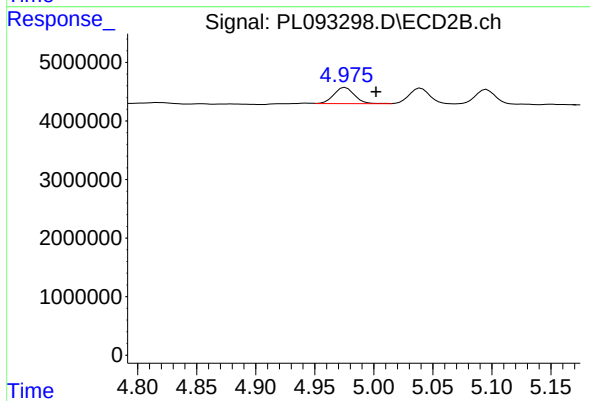
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 2572828
Conc: 0.71 ng/ml



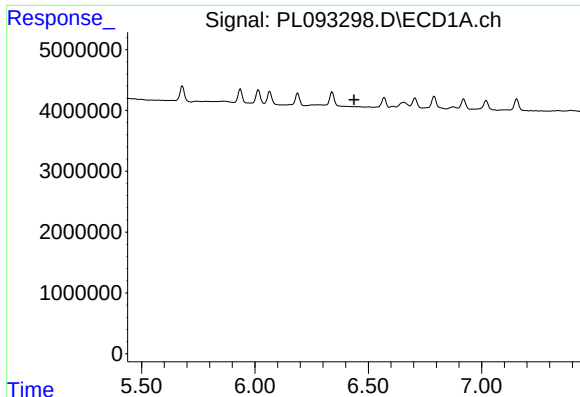
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.849 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

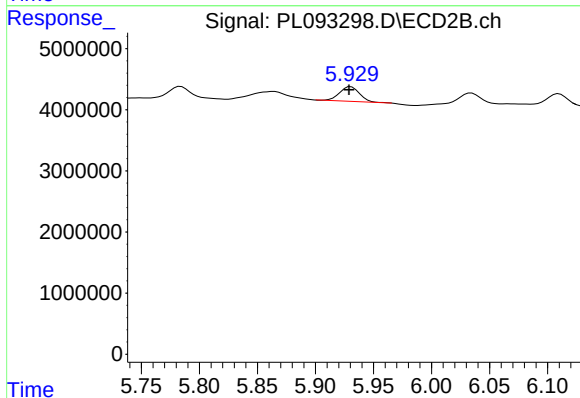
R.T.: 4.976 min
Delta R.T.: -0.026 min
Response: 3339911
Conc: 173.42 ng/ml



#23 Toxaphene-2

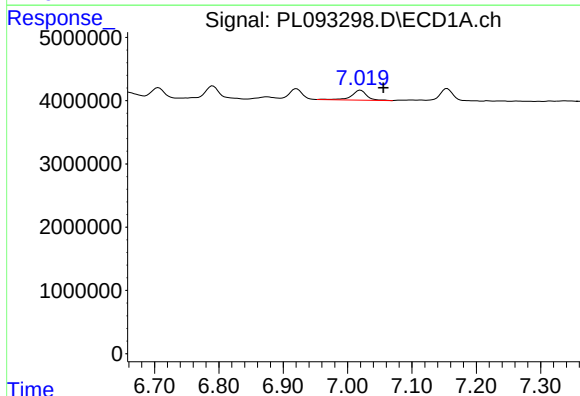
R.T.: 0.000 min
Exp R.T.: 6.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



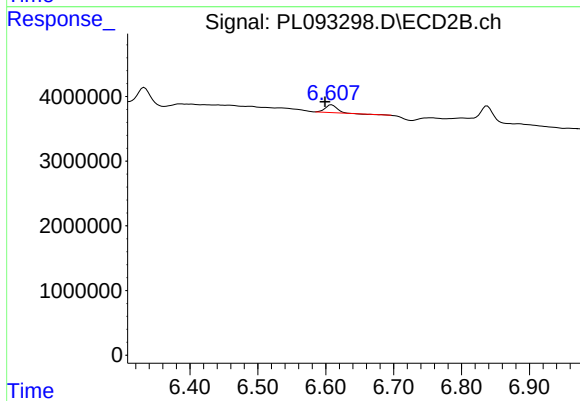
#23 Toxaphene-2

R.T.: 5.931 min
Delta R.T.: 0.002 min
Response: 2851180
Conc: 173.90 ng/ml



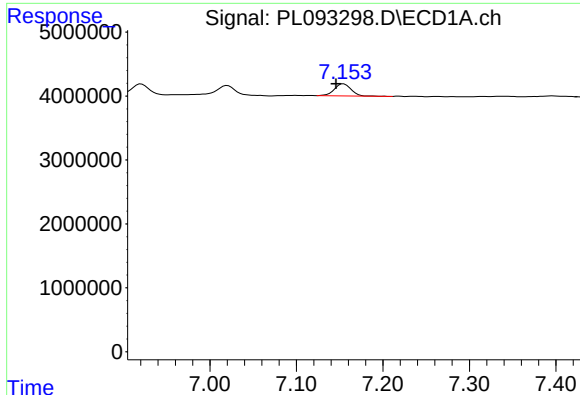
#24 Toxaphene-3

R.T.: 7.020 min
Delta R.T.: -0.035 min
Response: 2571122
Conc: 39.08 ng/ml



#24 Toxaphene-3

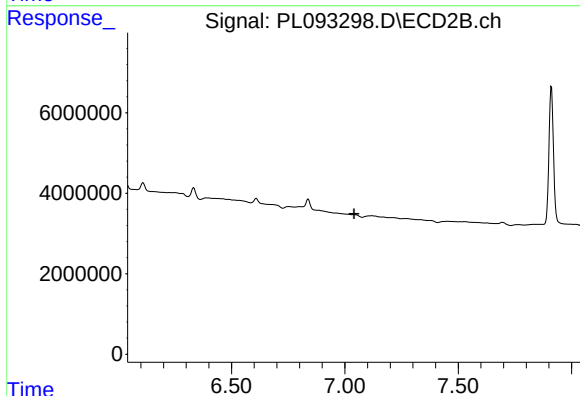
R.T.: 6.609 min
Delta R.T.: 0.010 min
Response: 1347179
Conc: 17.95 ng/ml



#25 Toxaphene-4

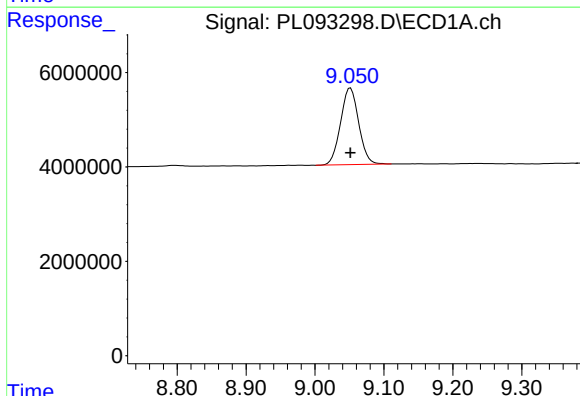
R.T.: 7.155 min
Delta R.T.: 0.009 min
Response: 2585499
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-07



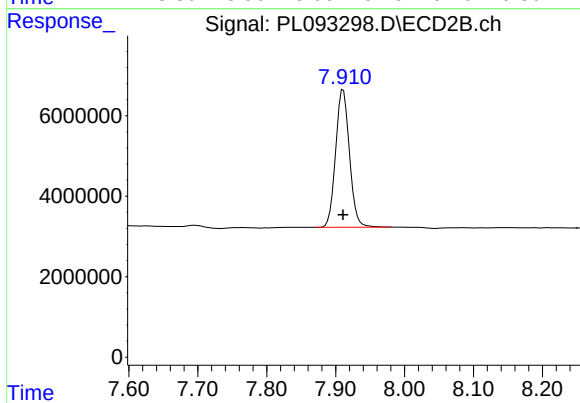
#25 Toxaphene-4

R.T.: 0.000 min
Exp R.T. : 7.040 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 29733600
Conc: 14.71 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 47662867
Conc: 14.21 ng/ml