

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120224\
 Data File : PL093312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2024 11:06
 Operator : AR\AJ
 Sample : P4776-02
 Misc : PEST MDL 1 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-QT4-2024-08

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 22:16:07 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

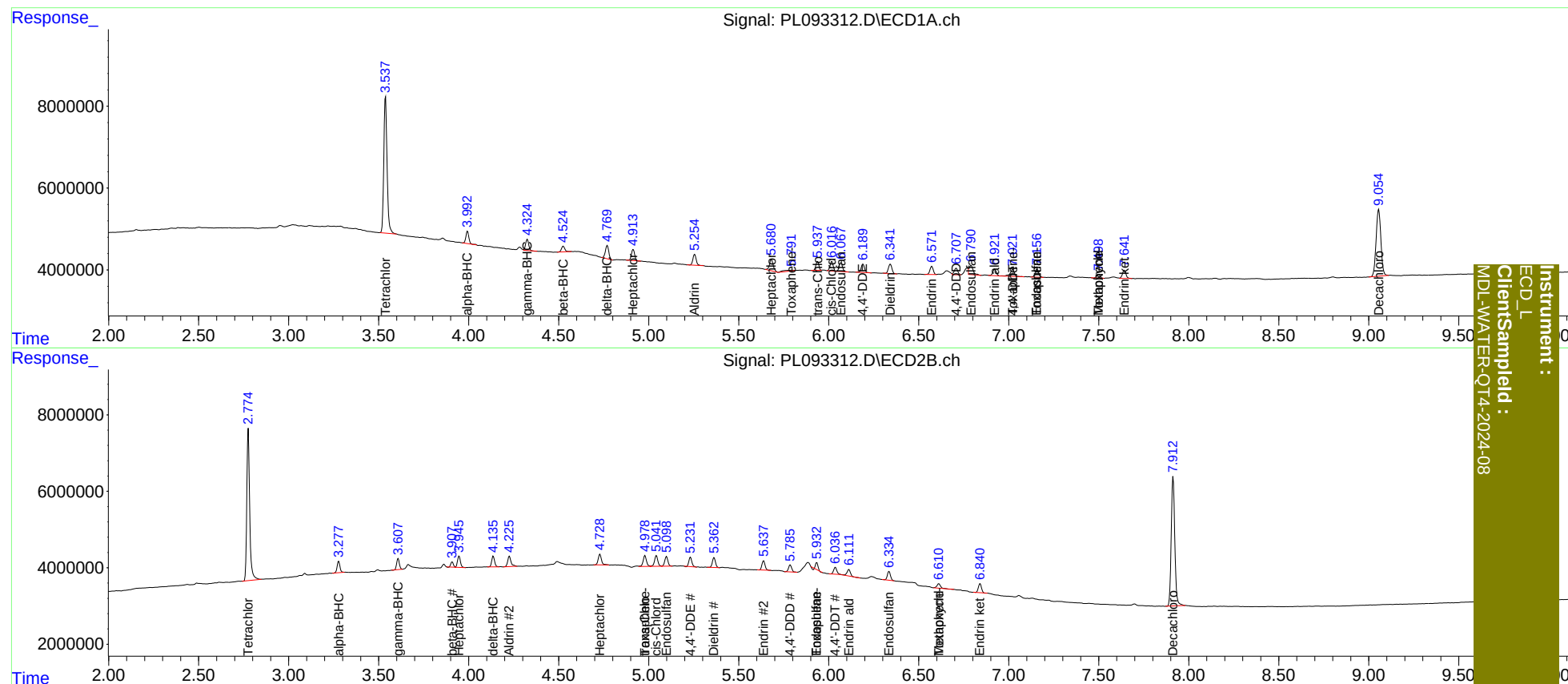
System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.776	42078777	44238551	15.847	15.412
27)	SA Decachlor...	9.055	7.913	30128053	46593247	14.904	13.890
Target Compounds							
2)	A alpha-BHC	3.994	3.278	3424633	3261105	0.898	0.763
3)	MA gamma-BHC...	4.326	3.608	3205485	3036747	0.905	0.752
4)	MA Heptachlor	4.914	3.947	3440592	3373643	0.991	0.799
5)	MB Aldrin	5.255	4.226	3346257	3533900	1.052	0.901
6)	B beta-BHC	4.525	3.908	1865773	1330833	1.157	0.700 #
7)	B delta-BHC	4.770	4.136	4177407	3181404	1.208	0.767 #
8)	B Heptachlo...	5.682	4.729	3927315	3563996	1.309	0.944 #
9)	A Endosulfan I	6.068	5.099	2824768	3078773	1.060	0.879
10)	B trans-Chl...	5.938	4.979	2466436	3680196	0.864	0.923
11)	B cis-Chlor...	6.017	5.043	2807303	3573459	0.980	0.925
12)	B 4,4'-DDE	6.190	5.232	2710121	2795852	1.064	0.705 #
13)	MA Dieldrin	6.342	5.363	3080959	3104871	1.111	0.793 #
14)	MA Endrin	6.573	5.638	2594419	2924093	1.147	0.860
15)	B Endosulfa...	6.791	5.934	3665382	1256135	1.524	0.364 #
16)	A 4,4'-DDD	6.709	5.786	2230474	2235825	1.109	0.748 #
17)	MA 4,4'-DDT	7.022	6.037	2832321	2267404	1.352	0.714 #
18)	B Endrin al...	6.922	6.112	2065450	2113559	1.131	0.807 #
19)	B Endosulfa...	7.158	6.335	2695700	2757164	1.195	0.853 #
20)	A Methoxychlor	7.499	6.612	1166915	1433447	1.087	0.876
21)	B Endrin ke...	7.642	6.841	2775503	2819747	1.098	0.778 #
22)	Toxaphene-1	5.794f	4.979	995047	3680196	107.019	191.090 #
23)	Toxaphene-2	0.000	5.934	0	1256135	N.D.	76.614
24)	Toxaphene-3	7.022	6.612	2832321	1433447	43.053	19.098 #
25)	Toxaphene-4	7.158	0.000	2695700	0	54.862	N.D. #
26)	Toxaphene-5	7.499f	0.000	1166915	0	34.089	N.D. #

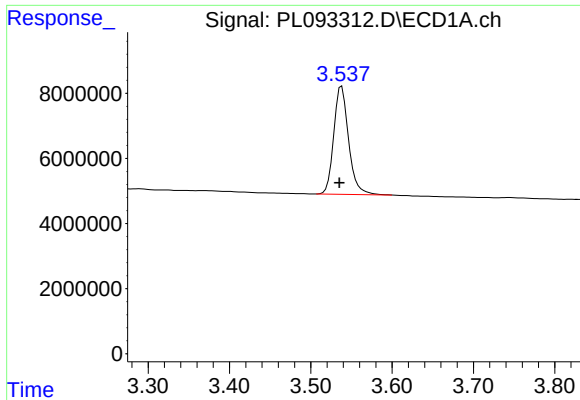
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120224\
Data File : PL093312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2024 11:06
Operator : AR\AJ
Sample : P4776-02
Misc : PEST MDL 1 PPB
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 02 22:16:07 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

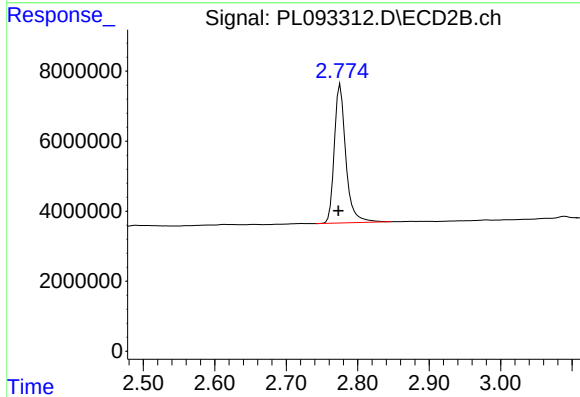




#1 Tetrachloro-m-xylene

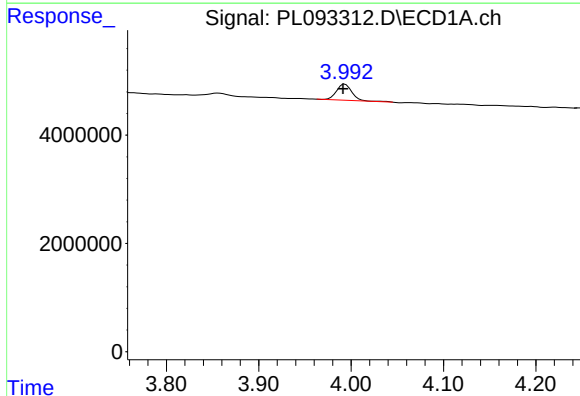
R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 42078777
Conc: 15.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



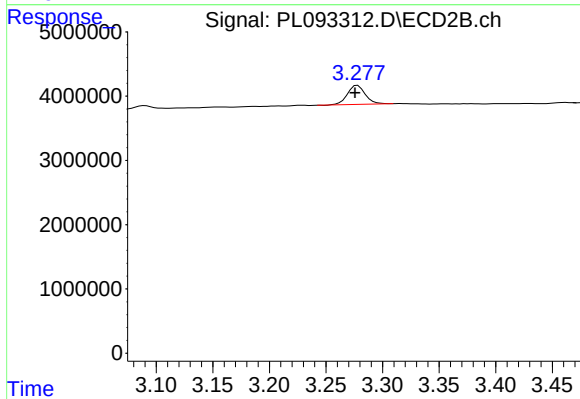
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.003 min
Response: 44238551
Conc: 15.41 ng/ml



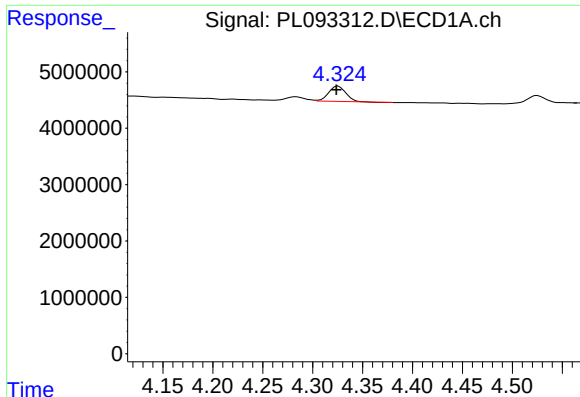
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 3424633
Conc: 0.90 ng/ml



#2 alpha-BHC

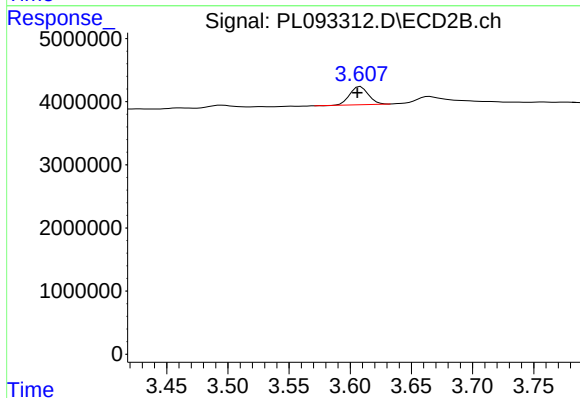
R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 3261105
Conc: 0.76 ng/ml



#3 gamma-BHC (Lindane)

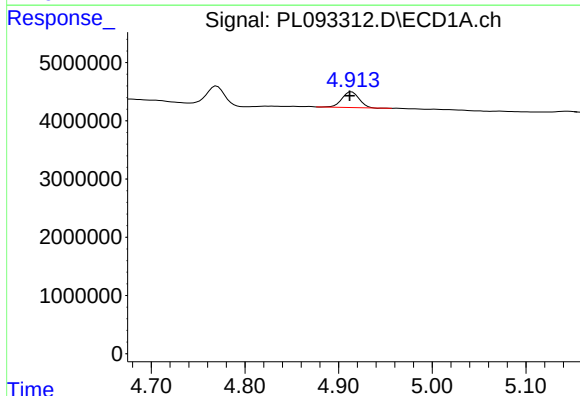
R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 3205485
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



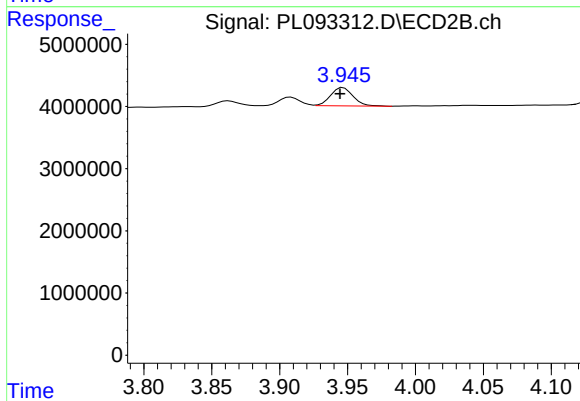
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.003 min
Response: 3036747
Conc: 0.75 ng/ml



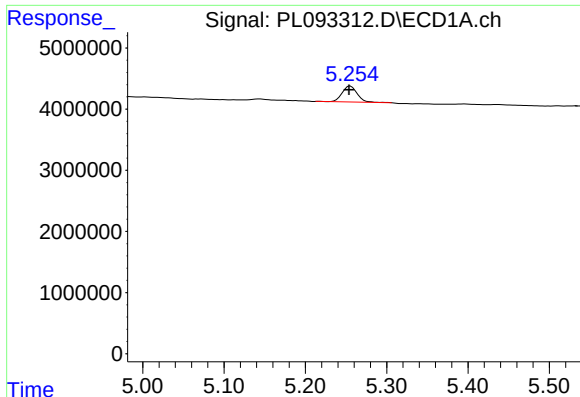
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 3440592
Conc: 0.99 ng/ml



#4 Heptachlor

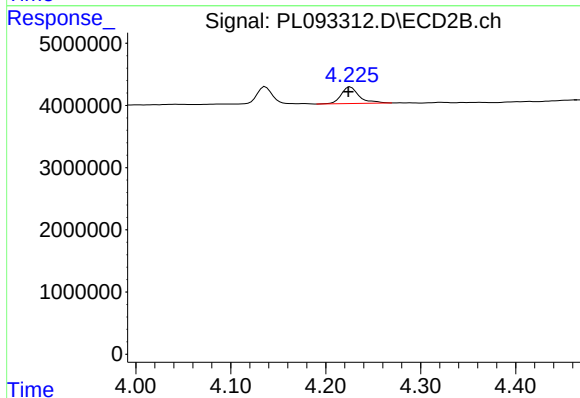
R.T.: 3.947 min
Delta R.T.: 0.002 min
Response: 3373643
Conc: 0.80 ng/ml



#5 Aldrin

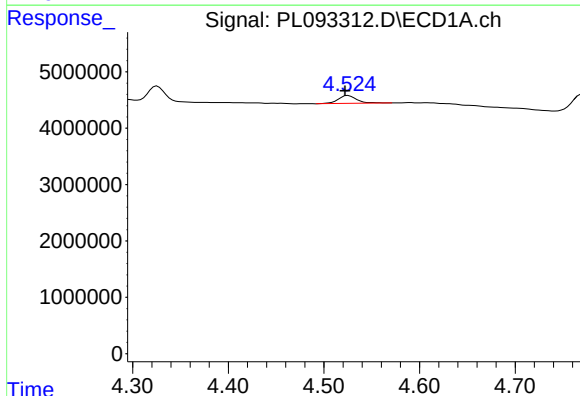
R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 3346257
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



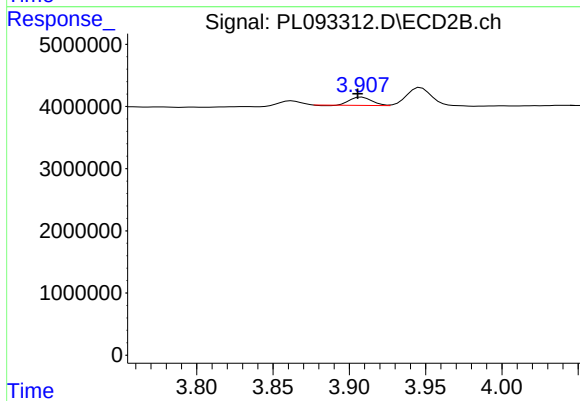
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.002 min
Response: 3533900
Conc: 0.90 ng/ml



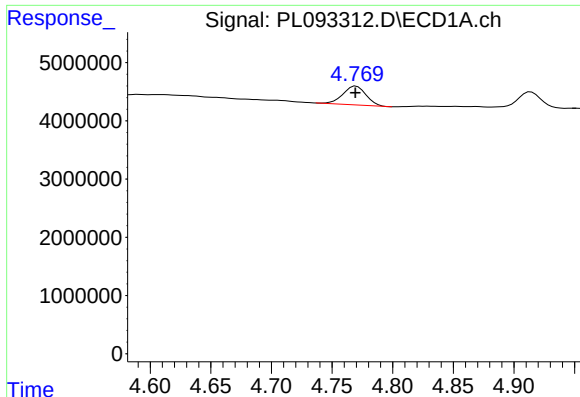
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 1865773
Conc: 1.16 ng/ml



#6 beta-BHC

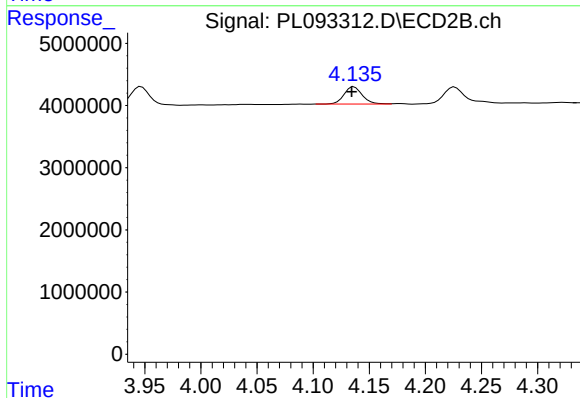
R.T.: 3.908 min
Delta R.T.: 0.003 min
Response: 1330833
Conc: 0.70 ng/ml



#7 delta-BHC

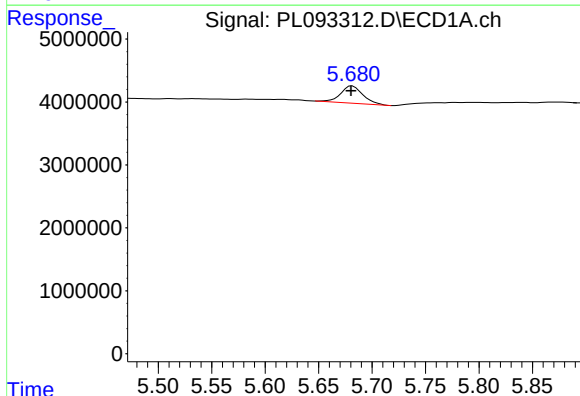
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 4177407
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



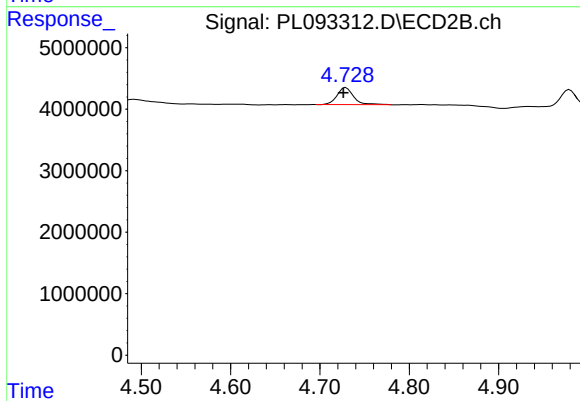
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.002 min
Response: 3181404
Conc: 0.77 ng/ml



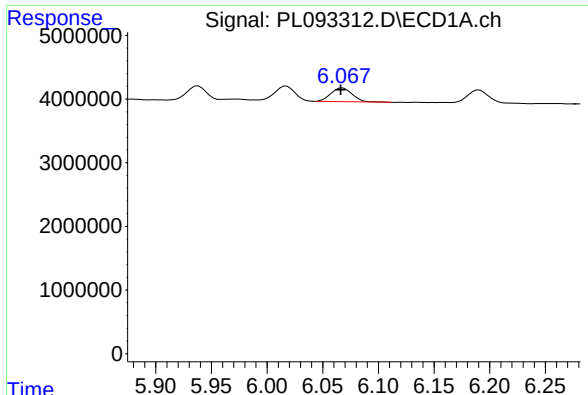
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 3927315
Conc: 1.31 ng/ml



#8 Heptachlor epoxide

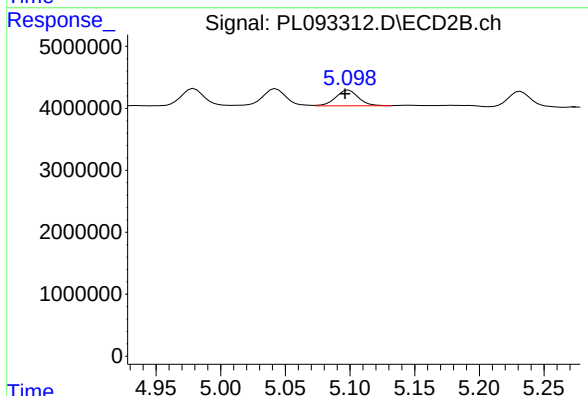
R.T.: 4.729 min
Delta R.T.: 0.003 min
Response: 3563996
Conc: 0.94 ng/ml



#9 Endosulfan I

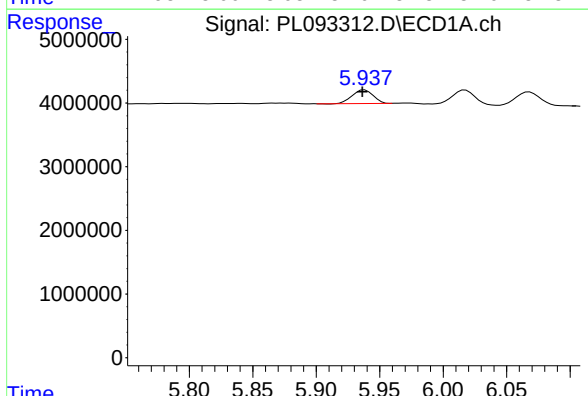
R.T.: 6.068 min
Delta R.T.: 0.002 min
Response: 2824768
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



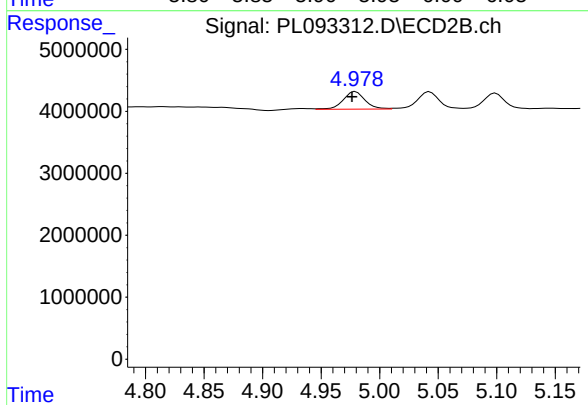
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: 0.003 min
Response: 3078773
Conc: 0.88 ng/ml



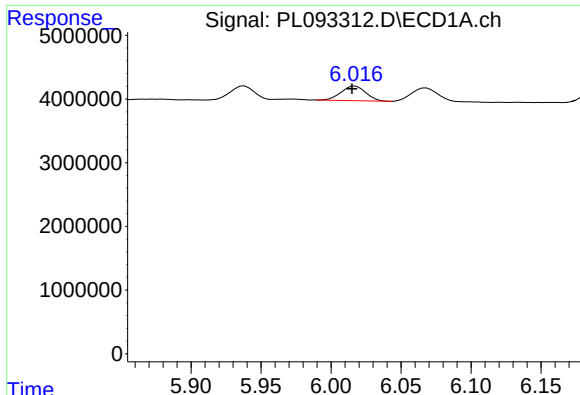
#10 trans-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 2466436
Conc: 0.86 ng/ml



#10 trans-Chlordane

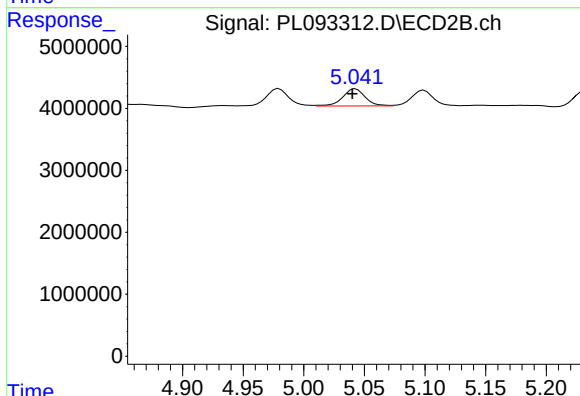
R.T.: 4.979 min
Delta R.T.: 0.003 min
Response: 3680196
Conc: 0.92 ng/ml



#11 cis-Chlordane

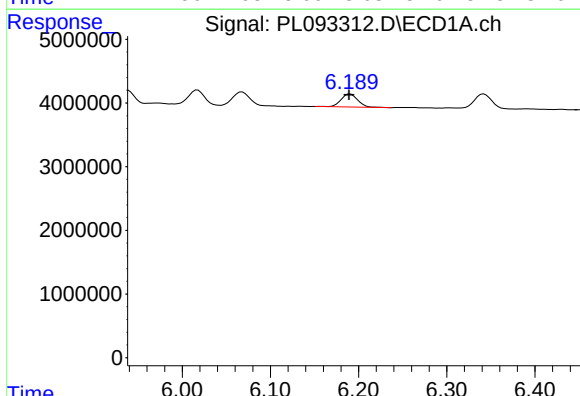
R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 2807303
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



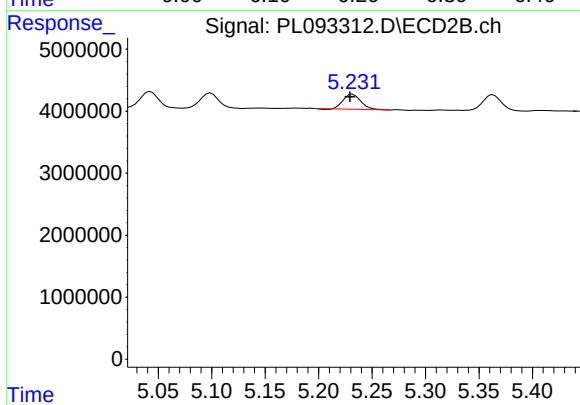
#11 cis-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.003 min
Response: 3573459
Conc: 0.93 ng/ml



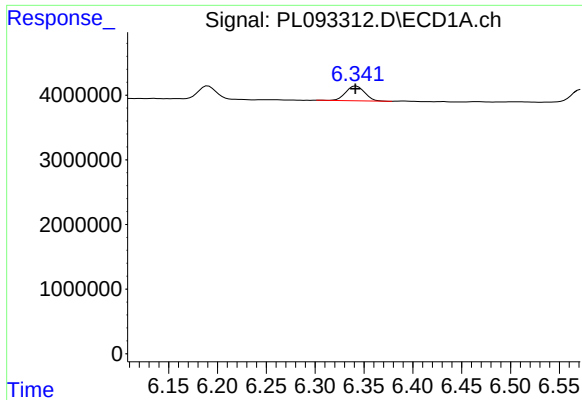
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.001 min
Response: 2710121
Conc: 1.06 ng/ml



#12 4,4'-DDE

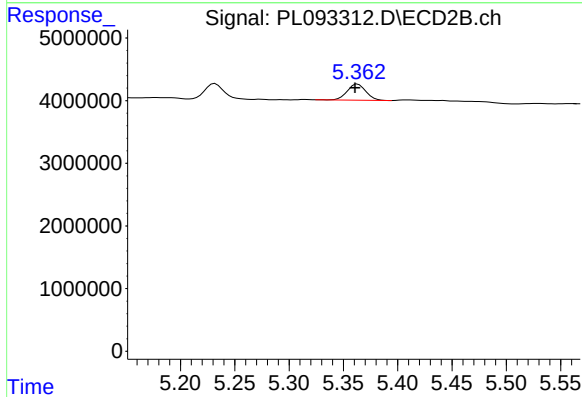
R.T.: 5.232 min
Delta R.T.: 0.003 min
Response: 2795852
Conc: 0.71 ng/ml



#13 Dieldrin

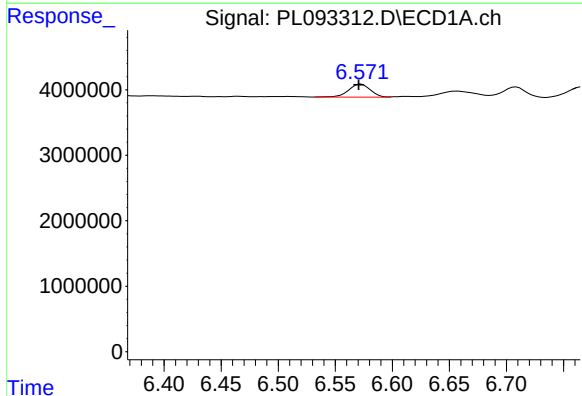
R.T.: 6.342 min
Delta R.T.: 0.001 min
Response: 3080959
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



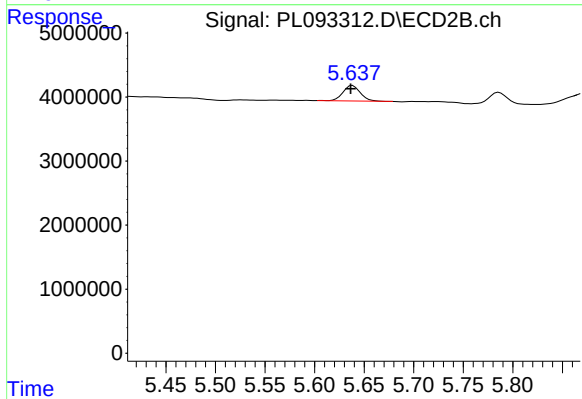
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: 0.002 min
Response: 3104871
Conc: 0.79 ng/ml



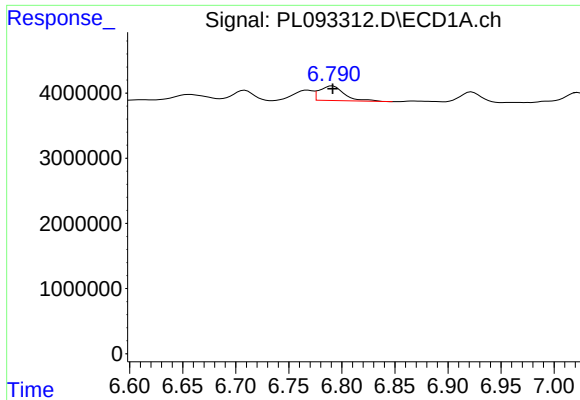
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 2594419
Conc: 1.15 ng/ml



#14 Endrin

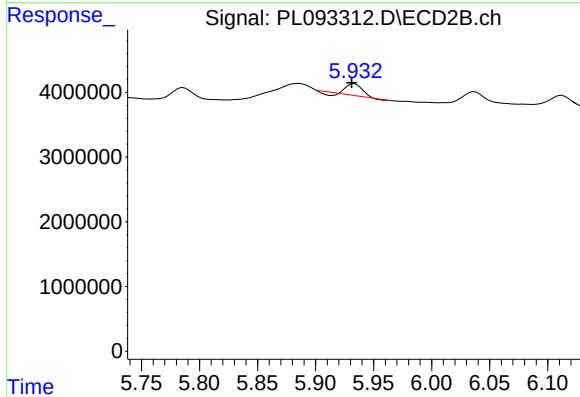
R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 2924093
Conc: 0.86 ng/ml



#15 Endosulfan II

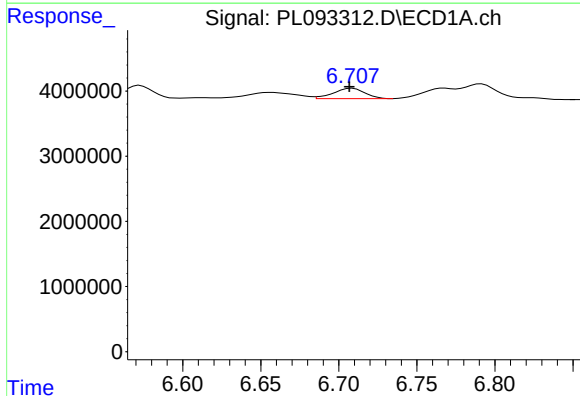
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 3665382
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



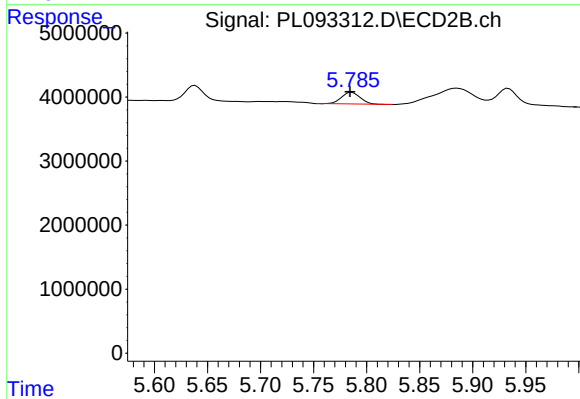
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.002 min
Response: 1256135
Conc: 0.36 ng/ml



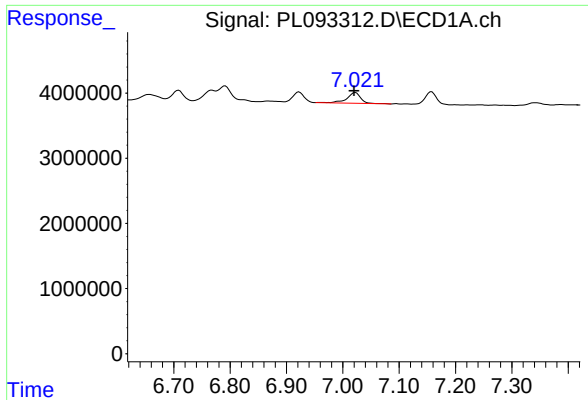
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.002 min
Response: 2230474
Conc: 1.11 ng/ml



#16 4,4'-DDD

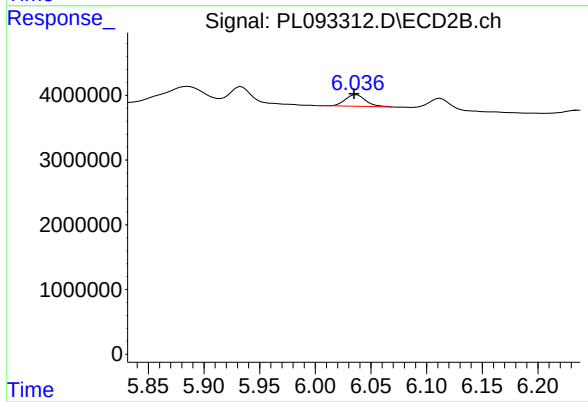
R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 2235825
Conc: 0.75 ng/ml



#17 4,4'-DDT

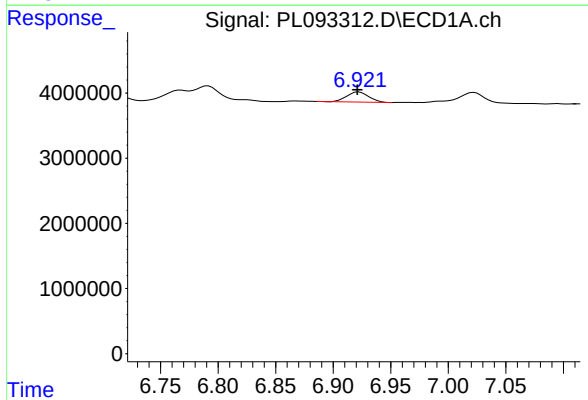
R.T.: 7.022 min
Delta R.T.: 0.002 min
Response: 2832321
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



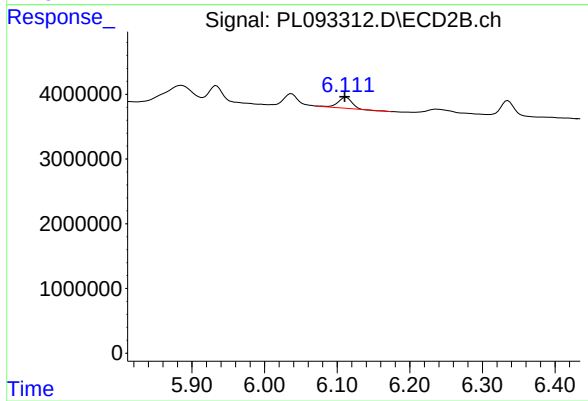
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.002 min
Response: 2267404
Conc: 0.71 ng/ml



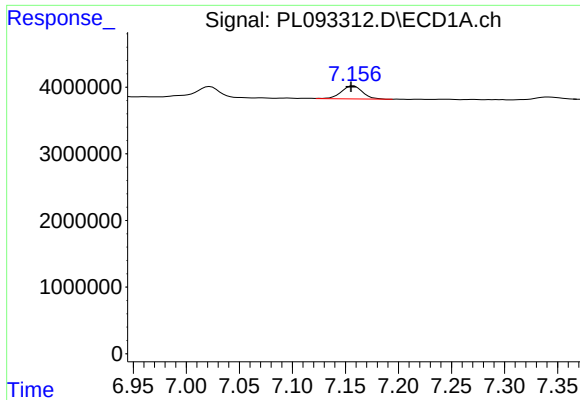
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.001 min
Response: 2065450
Conc: 1.13 ng/ml



#18 Endrin aldehyde

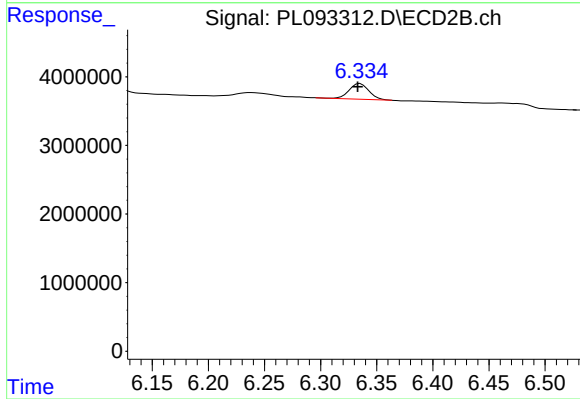
R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 2113559
Conc: 0.81 ng/ml



#19 Endosulfan Sulfate

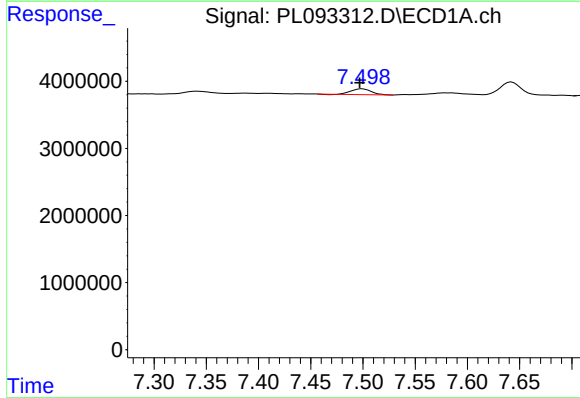
R.T.: 7.158 min
Delta R.T.: 0.002 min
Response: 2695700
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



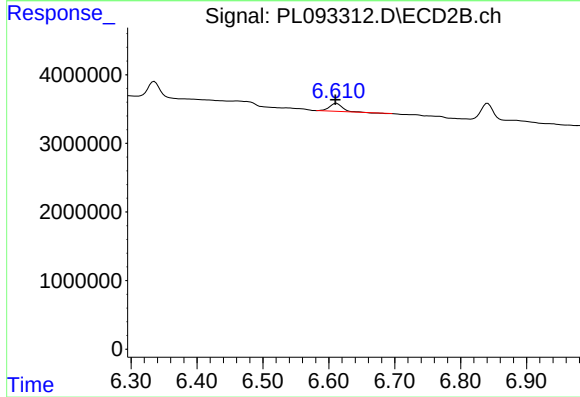
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.002 min
Response: 2757164
Conc: 0.85 ng/ml



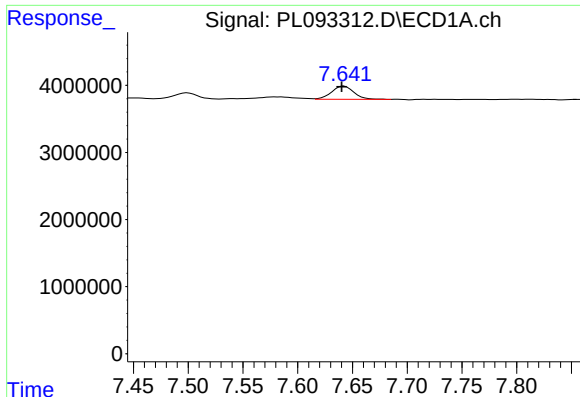
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 1166915
Conc: 1.09 ng/ml



#20 Methoxychlor

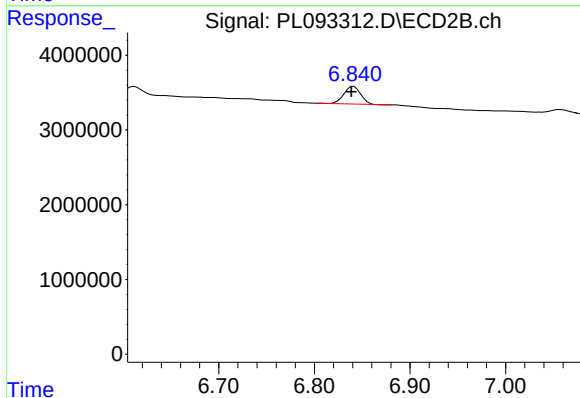
R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 1433447
Conc: 0.88 ng/ml



#21 Endrin ketone

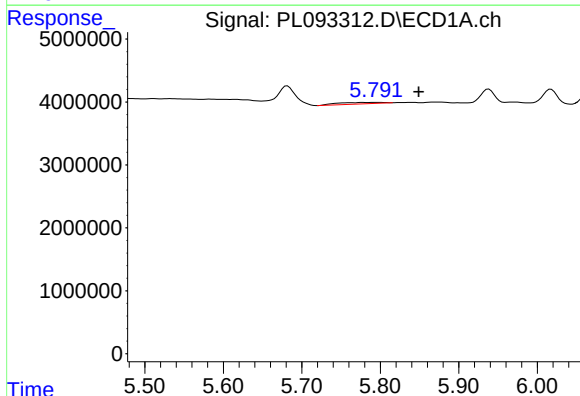
R.T.: 7.642 min
Delta R.T.: 0.002 min
Response: 2775503
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



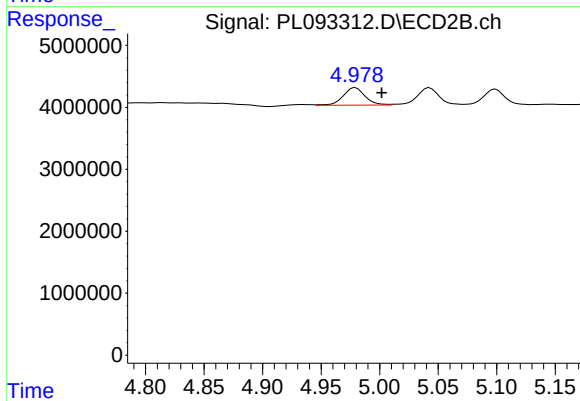
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.002 min
Response: 2819747
Conc: 0.78 ng/ml



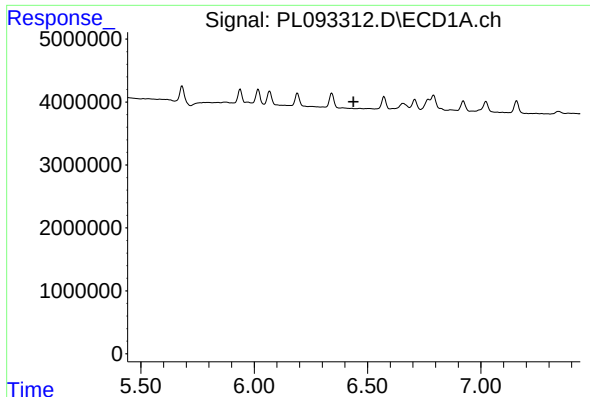
#22 Toxaphene-1

R.T.: 5.794 min
Delta R.T.: -0.055 min
Response: 995047
Conc: 107.02 ng/ml



#22 Toxaphene-1

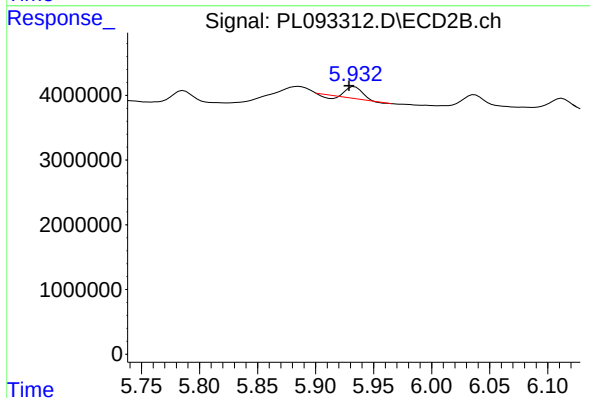
R.T.: 4.979 min
Delta R.T.: -0.022 min
Response: 3680196
Conc: 191.09 ng/ml



#23 Toxaphene-2

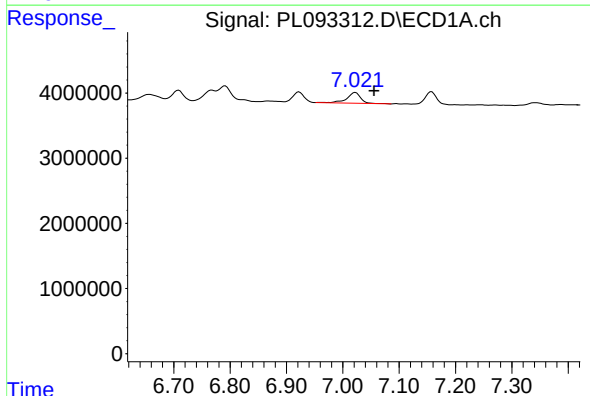
R.T.: 0.000 min
Exp R.T.: 6.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



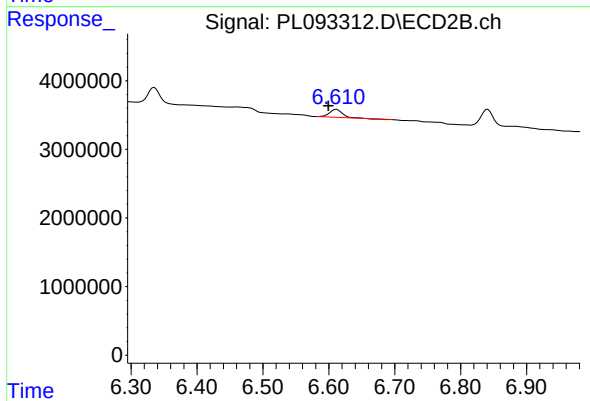
#23 Toxaphene-2

R.T.: 5.934 min
Delta R.T.: 0.005 min
Response: 1256135
Conc: 76.61 ng/ml



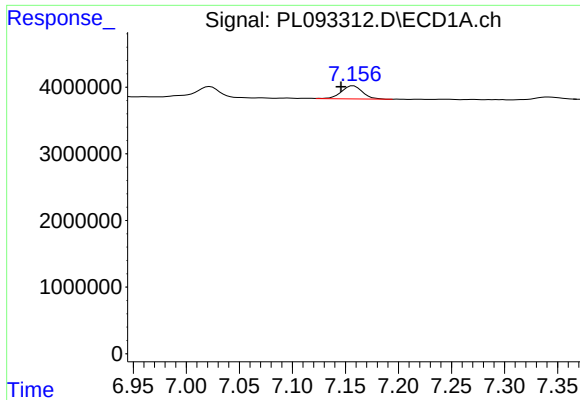
#24 Toxaphene-3

R.T.: 7.022 min
Delta R.T.: -0.033 min
Response: 2832321
Conc: 43.05 ng/ml



#24 Toxaphene-3

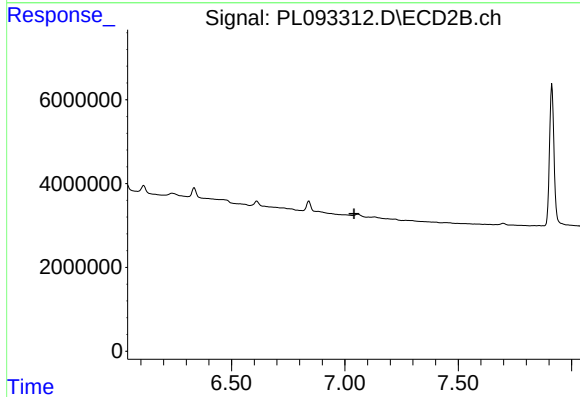
R.T.: 6.612 min
Delta R.T.: 0.013 min
Response: 1433447
Conc: 19.10 ng/ml



#25 Toxaphene-4

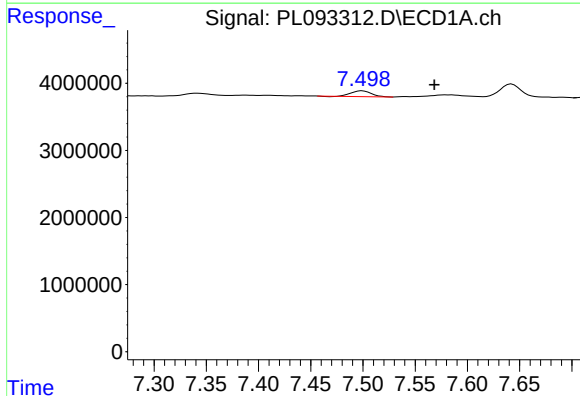
R.T.: 7.158 min
Delta R.T.: 0.012 min
Response: 2695700
Conc: 54.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



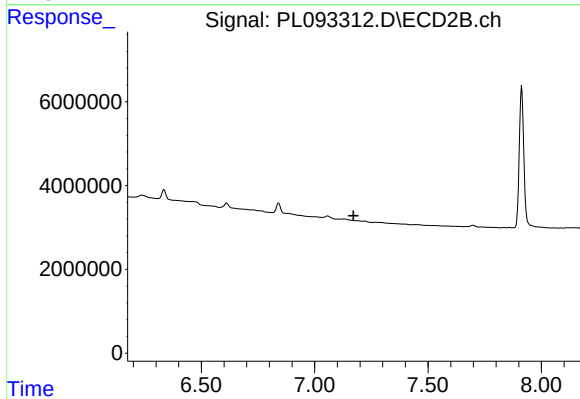
#25 Toxaphene-4

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



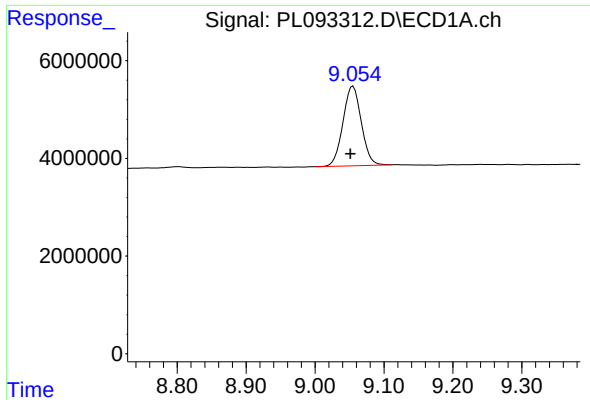
#26 Toxaphene-5

R.T.: 7.499 min
Delta R.T.: -0.069 min
Response: 1166915
Conc: 34.09 ng/ml



#26 Toxaphene-5

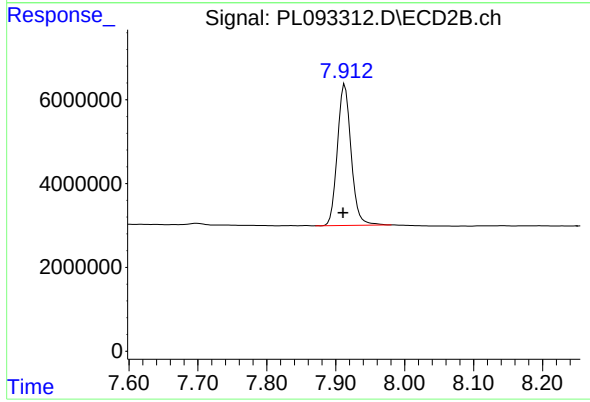
R.T.: 0.000 min
Exp R.T. : 7.172 min
Response: 0
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.004 min
Response: 30128053
Conc: 14.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-QT4-2024-08



#27 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.002 min
Response: 46593247
Conc: 13.89 ng/ml