

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101618\
 Data File : PL041030.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2018 12:53
 Operator : AJ\SJ
 Sample : J5164-07
 Misc : ECD_L LOD WATER 1 PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 01:51:38 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101118.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 11 03:28:36 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.478	4.104	92616561	49311105	16.899	17.685
28)	SA Decachlor...	8.227	9.233	94239801	43169162	18.125	16.694
Target Compounds							
2)	A alpha-BHC	3.918	4.498	7959463	3295189	1.005	0.852
3)	MA gamma-BHC...	4.202	4.787	5277283	3033891	0.723	0.852
4)	MA Heptachlor	4.500	5.303	6076827	2942750	0.825	0.869
5)	MB Aldrin	4.747	5.612	4899401	2513706	0.714	0.833
6)	B beta-BHC	4.454	4.956	3199158	3013457	1.008	1.880 #
7)	B delta-BHC	4.657	5.175	4939073	2339471	0.741	0.713
8)	B Heptachlor...	5.191	6.000	5609128	3525616	0.855	1.229 #
9)	A Endosulfan I	5.529	6.360	4894317	2203981	0.817	0.861
10)	B gamma-Chl...	5.417	6.234	5345961	2662867	0.813	0.949
11)	B alpha-Chl...	5.474	6.308	5633198	2570388	0.866	0.926
12)	B 4,4'-DDE	5.641	6.462	4861925	2266814	0.855	0.857
13)	MA Dieldrin	5.772	6.618	5083393	2370667	0.804	0.890
14)	MA Endrin	6.029	6.837	5283338	1499214	0.920	0.672 #
15)	B Endosulfa...	6.303	7.046	5333060	2390066	0.951	1.006
16)	A 4,4'-DDD	6.156	6.953	3571161	2478353	0.791	1.183 #
17)	MA 4,4'-DDT	6.395	7.254	2698454	1643533	0.592	0.790 #
18)	B Endrin al...	6.472	7.170	3778743	1903673	0.901	0.959
19)	B Endosulfa...	6.684	7.393	4937635	2178508	0.970	0.975
20)	A Methoxychlor	6.945	0.000	1903032	0	0.732	N.D. #
21)	B Endrin ke...	7.175	7.867	5244739	2272391	1.002	0.966
23)	Chlordane-1	0.000	5.175	0	2339471	N.D.	18.941 #
24)	Chlordane-2	0.000	5.612	0	2513706	N.D.	20.326 #
25)	Chlordane-3	5.417	6.234	5345961	2662867	6.985	6.605
26)	Chlordane-4	5.474	6.308	5633198	2570388	8.402	5.415 #
27)	Chlordane-5	6.303	7.170	5333060	1903673	24.609	21.515

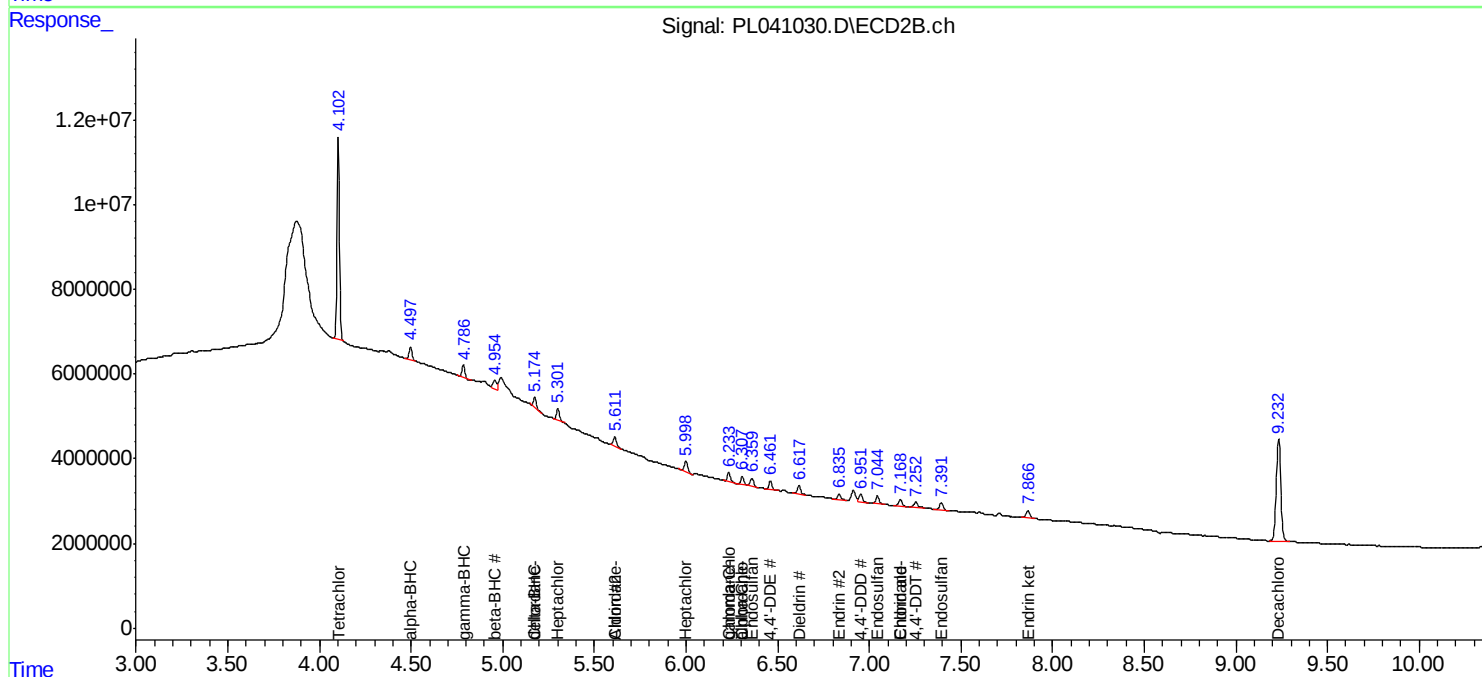
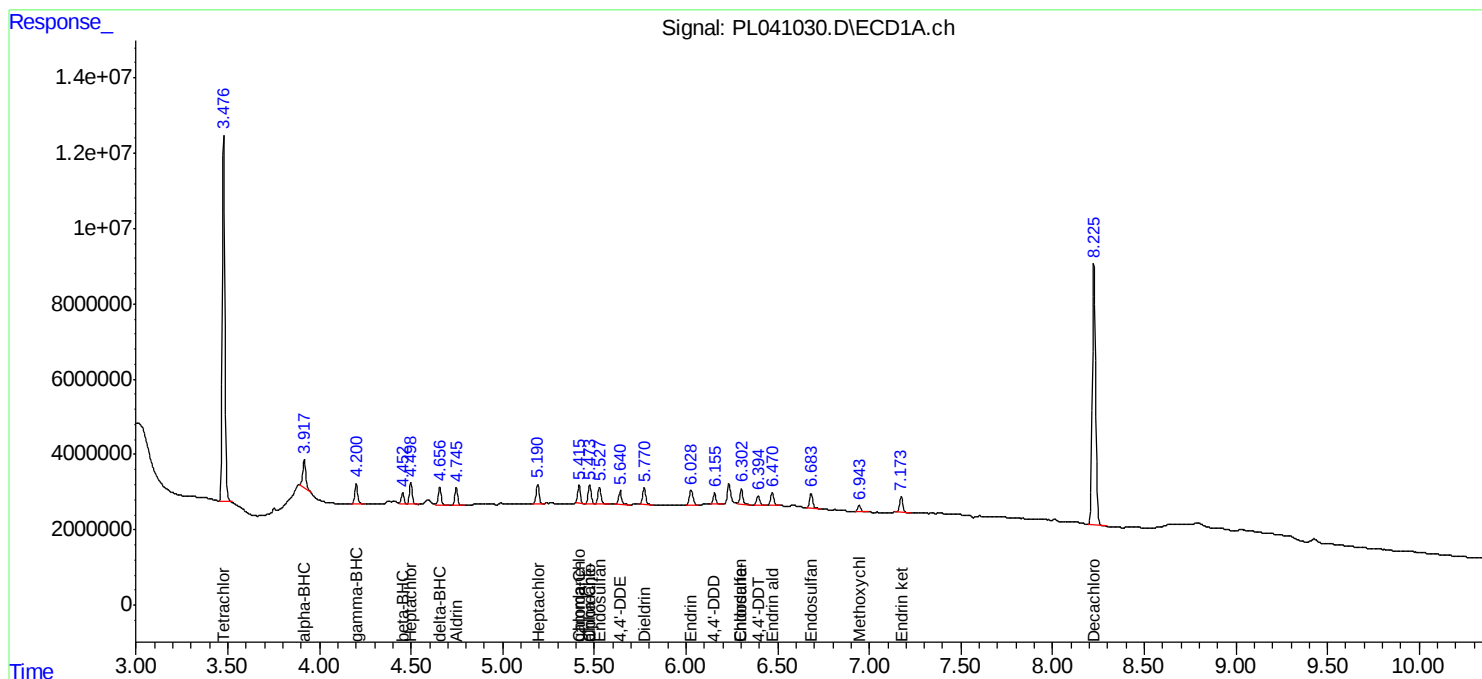
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

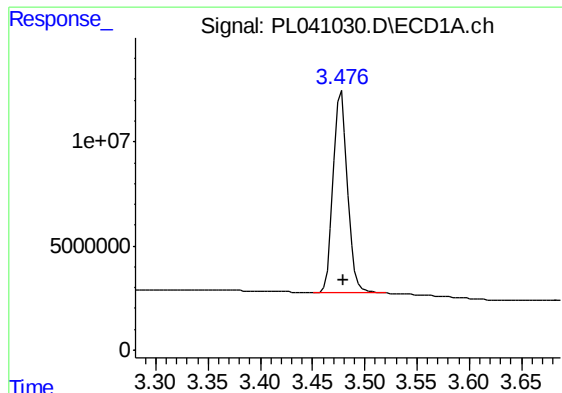
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101618\
Data File : PL041030.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2018 12:53
Operator : AJ\SJ
Sample : J5164-07
Misc : ECD_L LOD WATER 1 PPB
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 01:51:38 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101118.M
Quant Title : GC Extractables
QLast Update : Thu Oct 11 03:28:36 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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

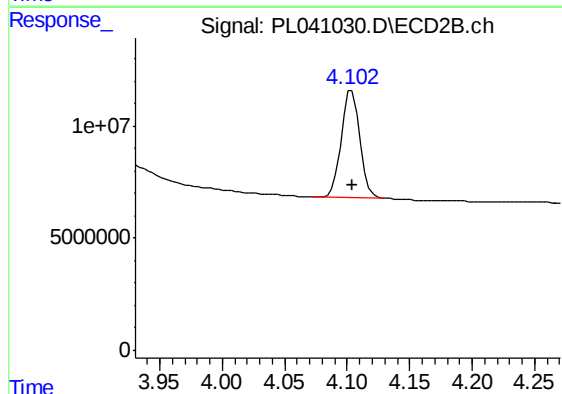




#1 Tetrachloro-m-xylene

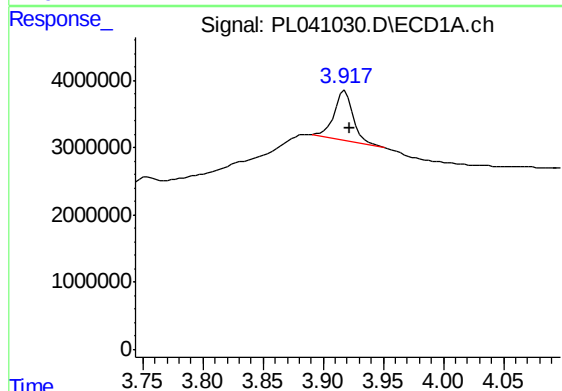
R.T.: 3.478 min
Delta R.T.: -0.002 min
Response: 92616561
Conc: 16.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



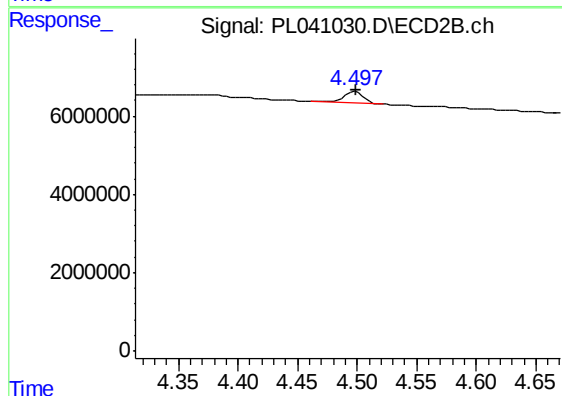
#1 Tetrachloro-m-xylene

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 49311105
Conc: 17.69 ng/ml



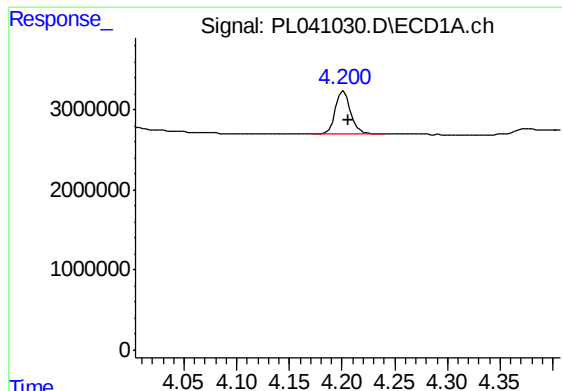
#2 alpha-BHC

R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 7959463
Conc: 1.00 ng/ml



#2 alpha-BHC

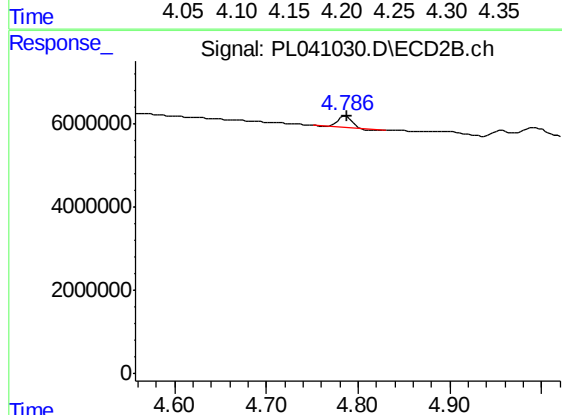
R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 3295189
Conc: 0.85 ng/ml



#3 gamma-BHC (Lindane)

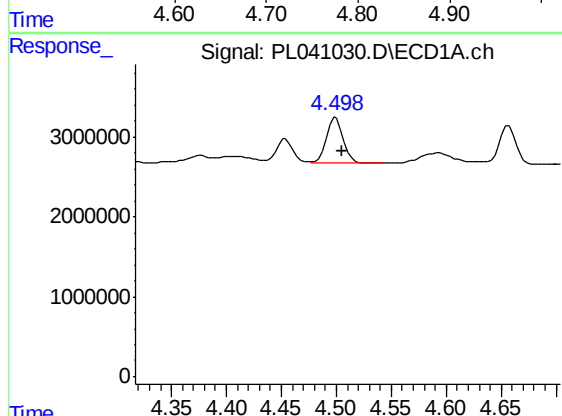
R.T.: 4.202 min
Delta R.T.: -0.004 min
Response: 5277283
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



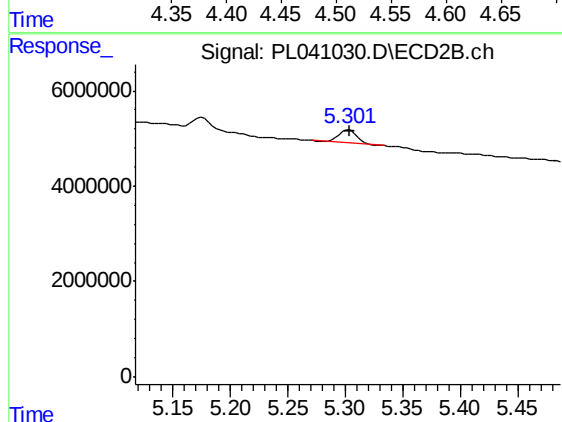
#3 gamma-BHC (Lindane)

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 3033891
Conc: 0.85 ng/ml



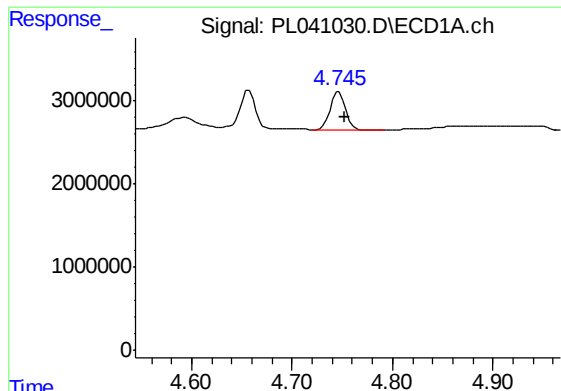
#4 Heptachlor

R.T.: 4.500 min
Delta R.T.: -0.005 min
Response: 6076827
Conc: 0.82 ng/ml



#4 Heptachlor

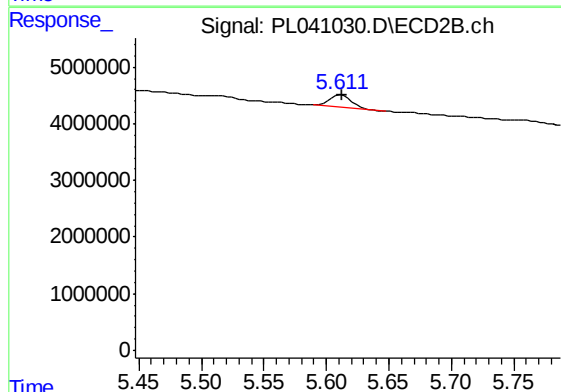
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 2942750
Conc: 0.87 ng/ml



#5 Aldrin

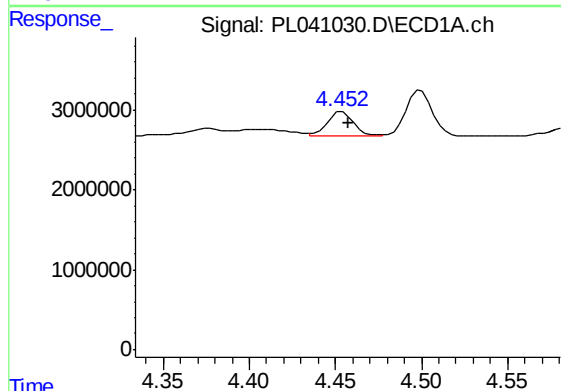
R.T.: 4.747 min
Delta R.T.: -0.006 min
Response: 4899401
Conc: 0.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



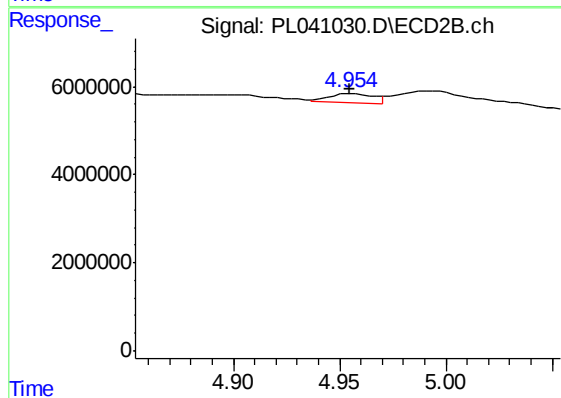
#5 Aldrin

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 2513706
Conc: 0.83 ng/ml



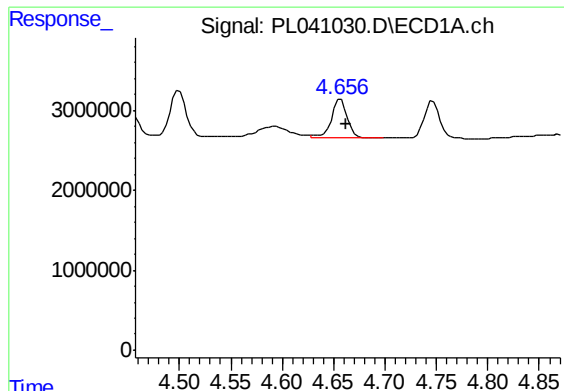
#6 beta-BHC

R.T.: 4.454 min
Delta R.T.: -0.004 min
Response: 3199158
Conc: 1.01 ng/ml



#6 beta-BHC

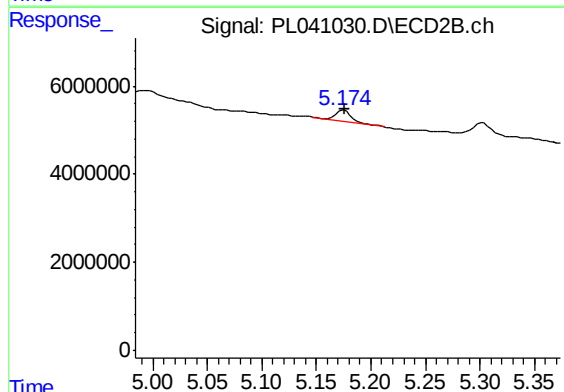
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 3013457
Conc: 1.88 ng/ml



#7 delta-BHC

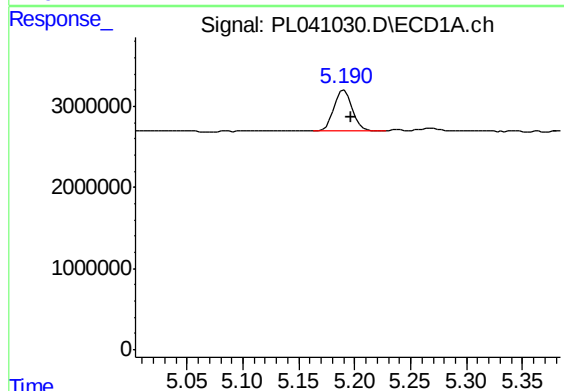
R.T.: 4.657 min
Delta R.T.: -0.005 min
Response: 4939073
Conc: 0.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



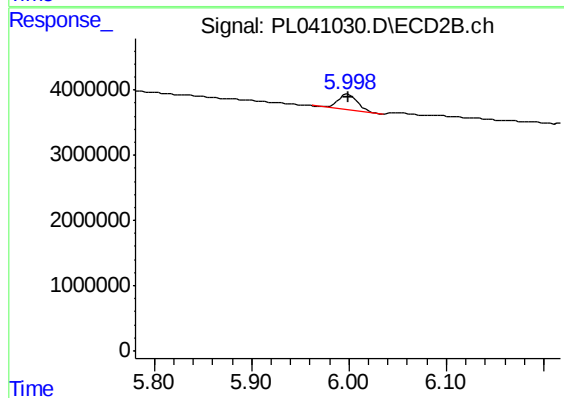
#7 delta-BHC

R.T.: 5.175 min
Delta R.T.: -0.001 min
Response: 2339471
Conc: 0.71 ng/ml



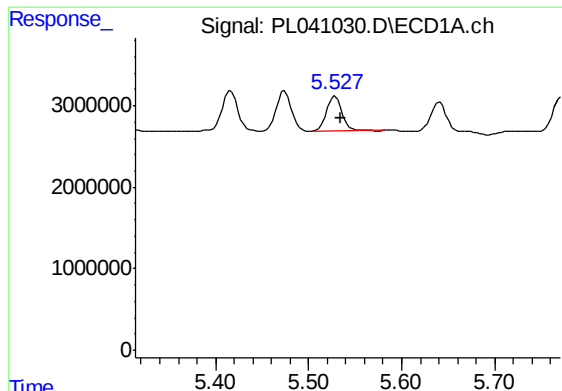
#8 Heptachlor epoxide

R.T.: 5.191 min
Delta R.T.: -0.005 min
Response: 5609128
Conc: 0.86 ng/ml



#8 Heptachlor epoxide

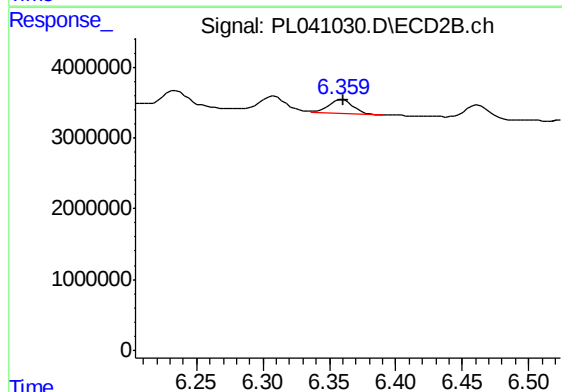
R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 3525616
Conc: 1.23 ng/ml



#9 Endosulfan I

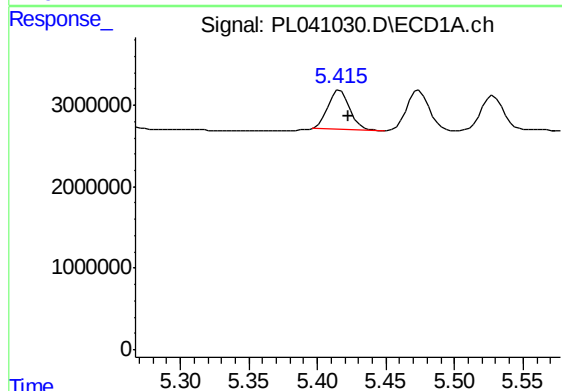
R.T.: 5.529 min
Delta R.T.: -0.006 min
Response: 4894317
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



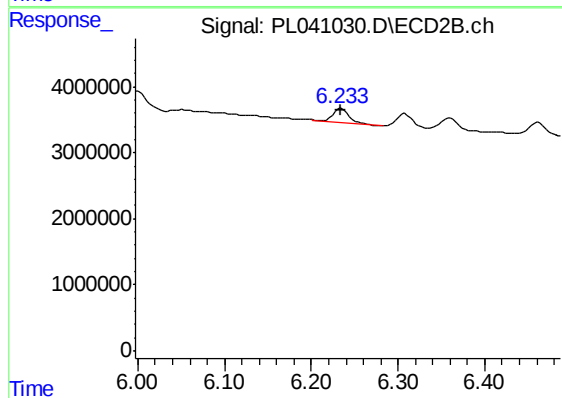
#9 Endosulfan I

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 2203981
Conc: 0.86 ng/ml



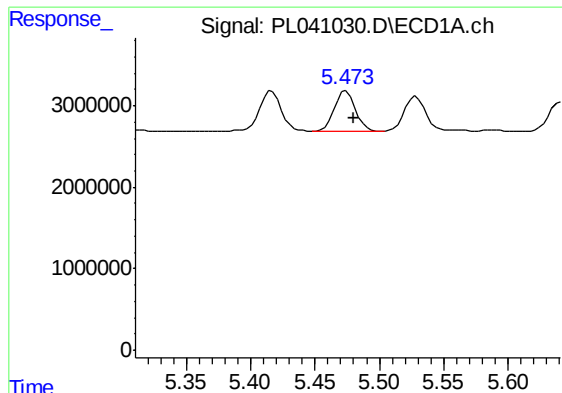
#10 gamma-Chlordane

R.T.: 5.417 min
Delta R.T.: -0.006 min
Response: 5345961
Conc: 0.81 ng/ml



#10 gamma-Chlordane

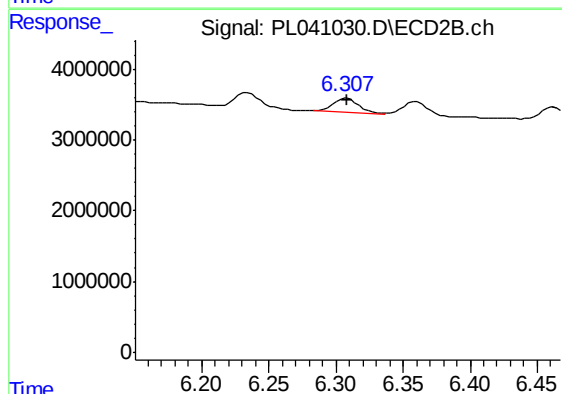
R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 2662867
Conc: 0.95 ng/ml



#11 alpha-Chlordane

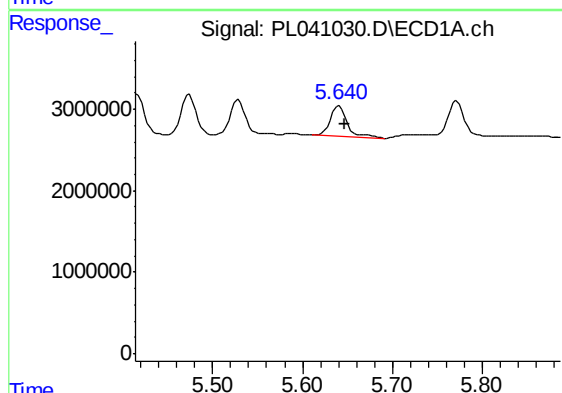
R.T.: 5.474 min
Delta R.T.: -0.006 min
Response: 5633198
Conc: 0.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



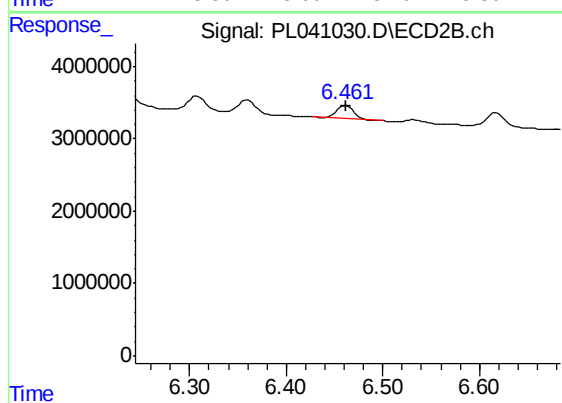
#11 alpha-Chlordane

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 2570388
Conc: 0.93 ng/ml



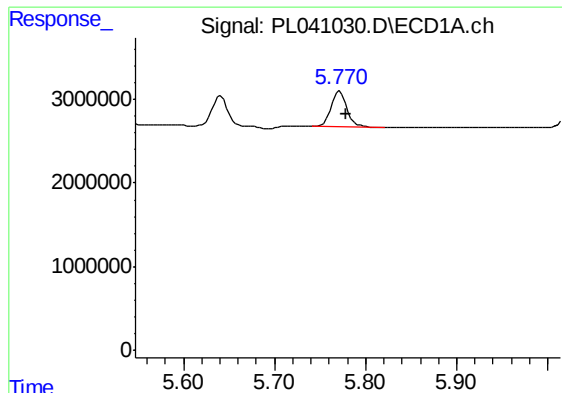
#12 4,4'-DDE

R.T.: 5.641 min
Delta R.T.: -0.006 min
Response: 4861925
Conc: 0.86 ng/ml



#12 4,4'-DDE

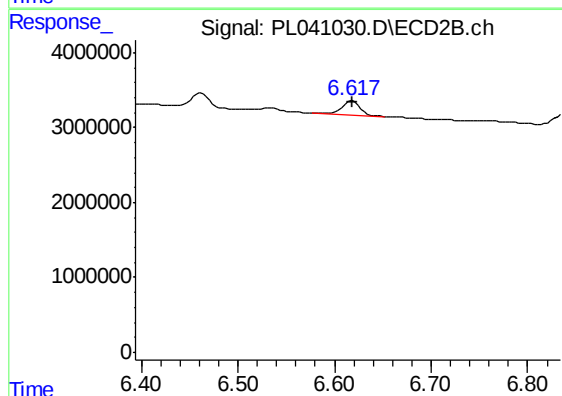
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 2266814
Conc: 0.86 ng/ml



#13 Dielddrin

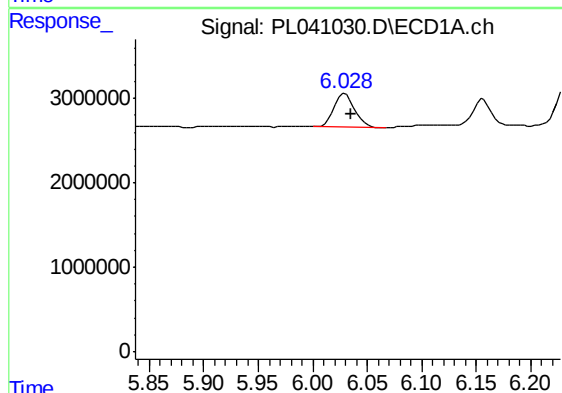
R.T.: 5.772 min
Delta R.T.: -0.006 min
Response: 5083393
Conc: 0.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



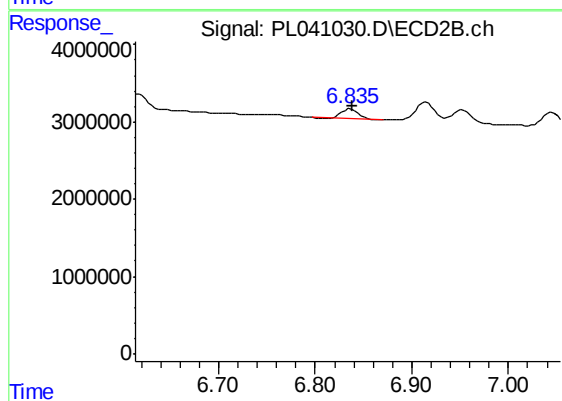
#13 Dielddrin

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2370667
Conc: 0.89 ng/ml



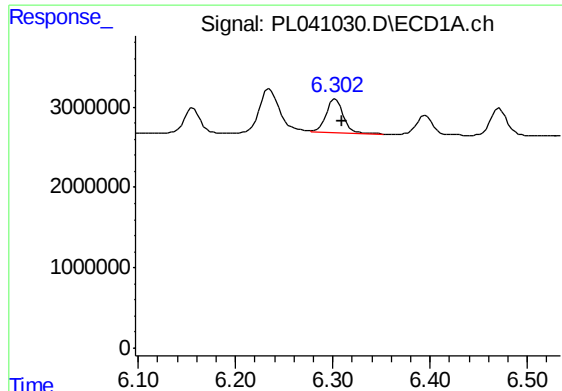
#14 Endrin

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 5283338
Conc: 0.92 ng/ml



#14 Endrin

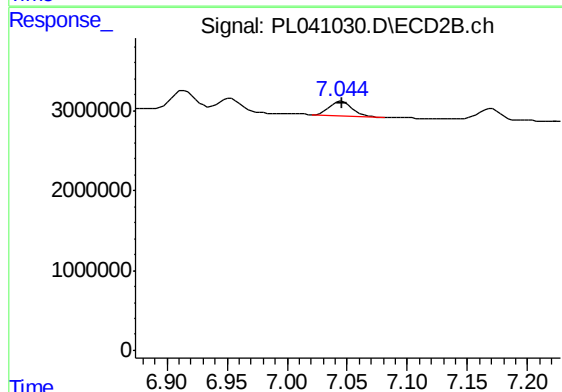
R.T.: 6.837 min
Delta R.T.: -0.001 min
Response: 1499214
Conc: 0.67 ng/ml



#15 Endosulfan II

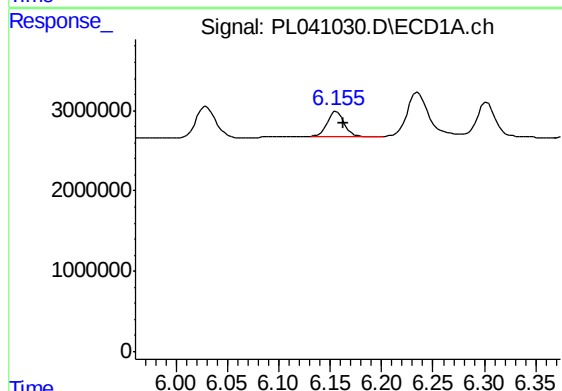
R.T.: 6.303 min
Delta R.T.: -0.006 min
Response: 5333060
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



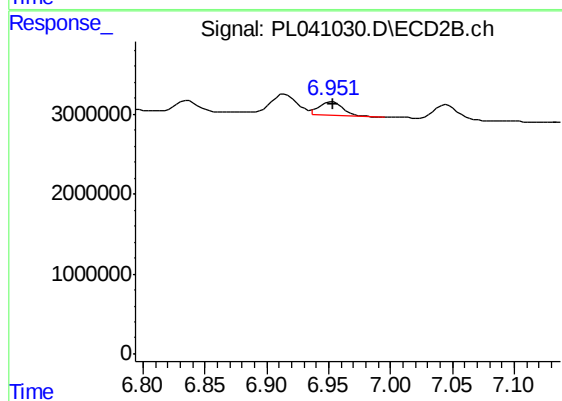
#15 Endosulfan II

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 2390066
Conc: 1.01 ng/ml



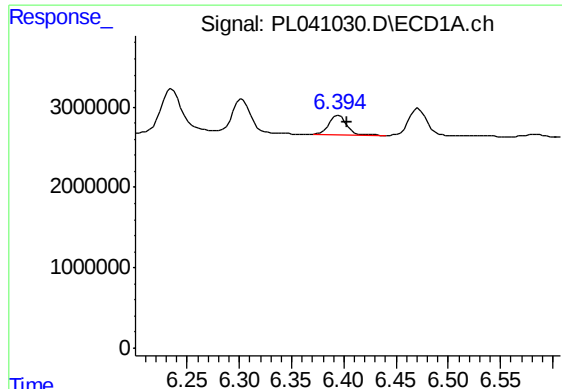
#16 4,4'-DDD

R.T.: 6.156 min
Delta R.T.: -0.007 min
Response: 3571161
Conc: 0.79 ng/ml



#16 4,4'-DDD

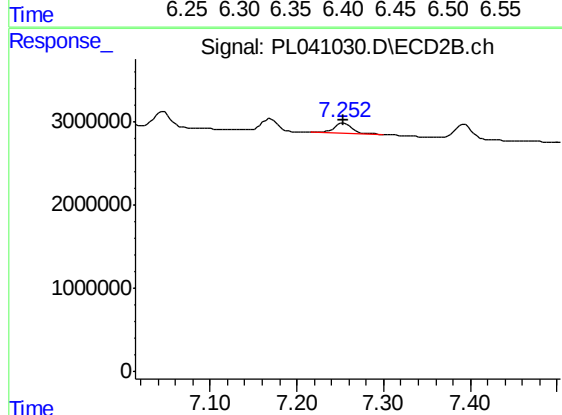
R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 2478353
Conc: 1.18 ng/ml



#17 4,4'-DDT

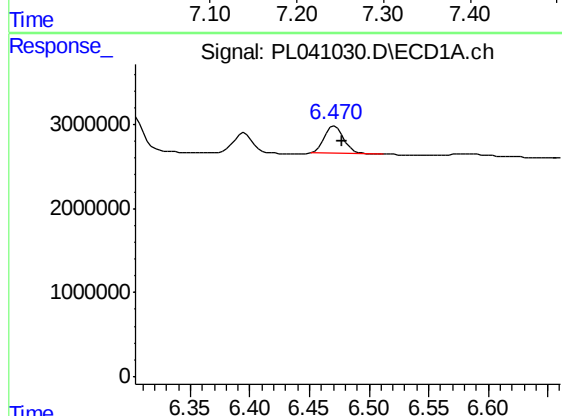
R.T.: 6.395 min
Delta R.T.: -0.007 min
Response: 2698454
Conc: 0.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



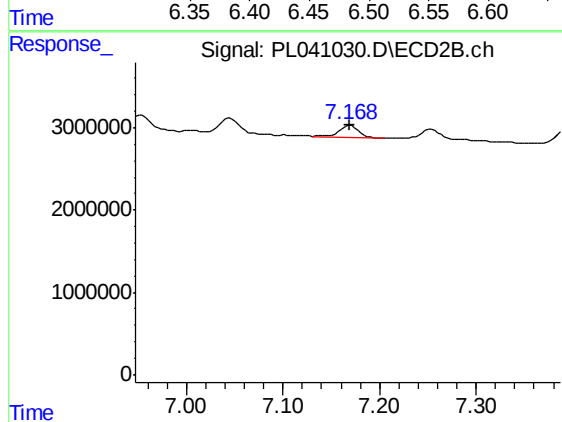
#17 4,4'-DDT

R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 1643533
Conc: 0.79 ng/ml



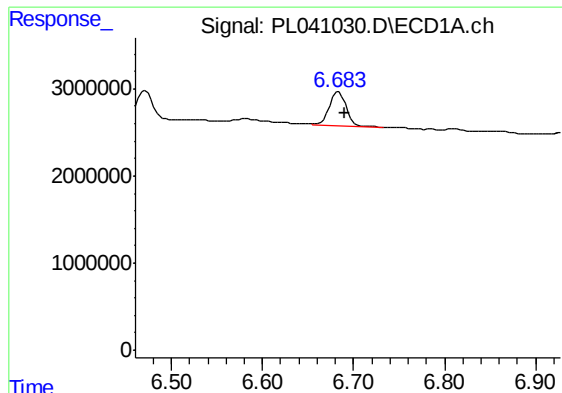
#18 Endrin aldehyde

R.T.: 6.472 min
Delta R.T.: -0.006 min
Response: 3778743
Conc: 0.90 ng/ml



#18 Endrin aldehyde

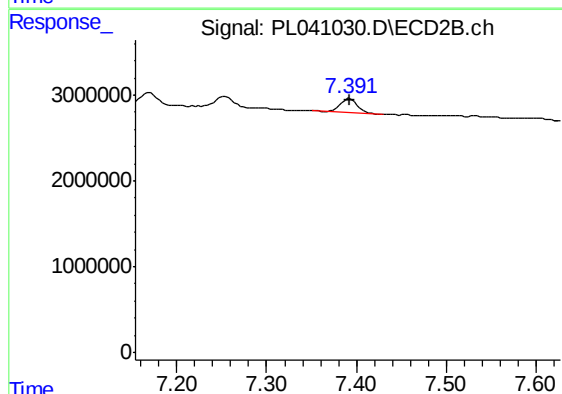
R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 1903673
Conc: 0.96 ng/ml



#19 Endosulfan Sulfate

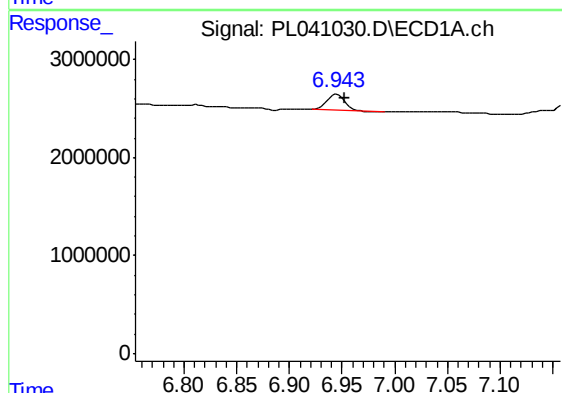
R.T.: 6.684 min
Delta R.T.: -0.007 min
Response: 4937635
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



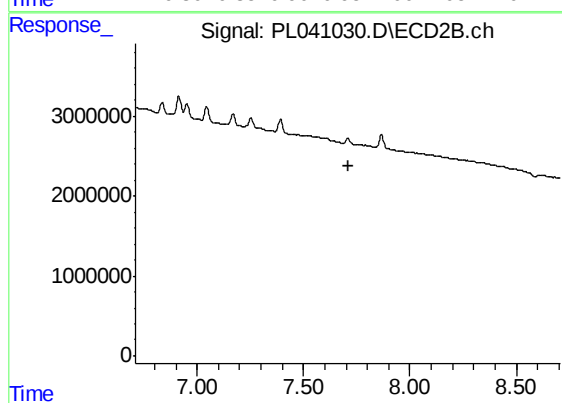
#19 Endosulfan Sulfate

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 2178508
Conc: 0.97 ng/ml



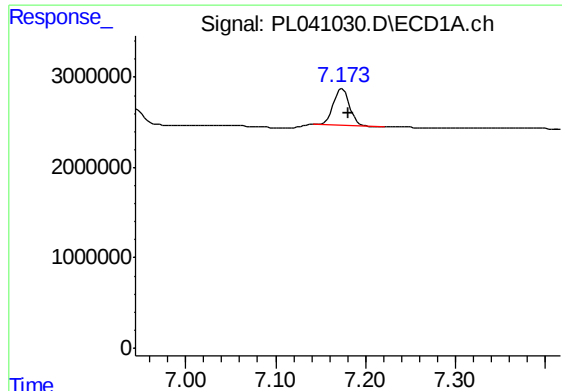
#20 Methoxychlor

R.T.: 6.945 min
Delta R.T.: -0.007 min
Response: 1903032
Conc: 0.73 ng/ml



#20 Methoxychlor

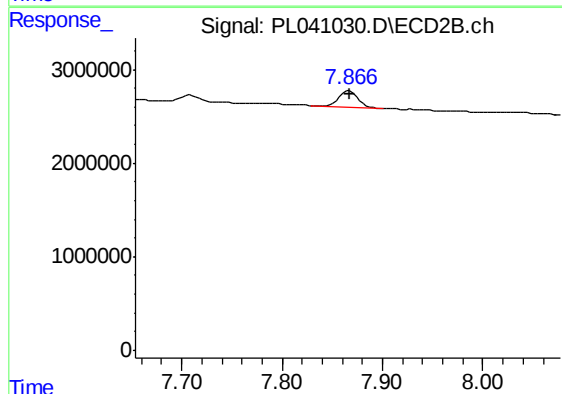
R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



#21 Endrin ketone

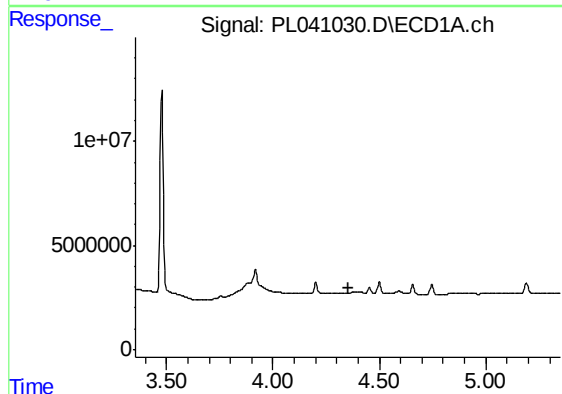
R.T.: 7.175 min
Delta R.T.: -0.007 min
Response: 5244739
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



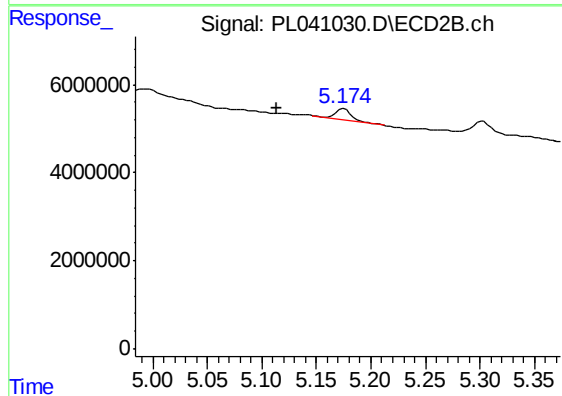
#21 Endrin ketone

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 2272391
Conc: 0.97 ng/ml



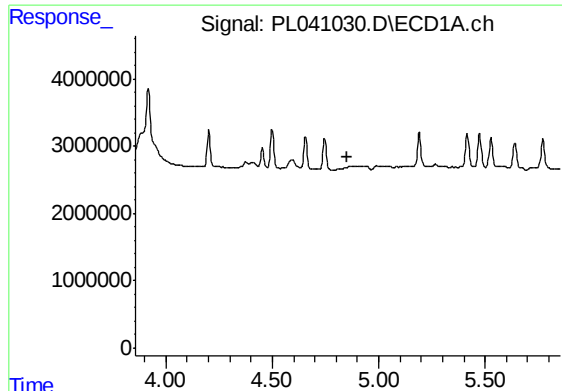
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.353 min
Response: 0
Conc: N.D.



#23 Chlordane-1

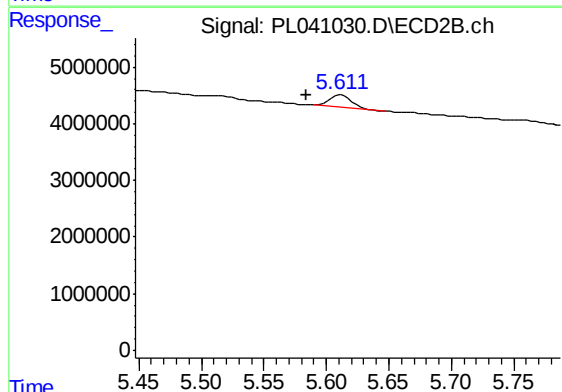
R.T.: 5.175 min
Delta R.T.: 0.062 min
Response: 2339471
Conc: 18.94 ng/ml



#24 Chlordane-2

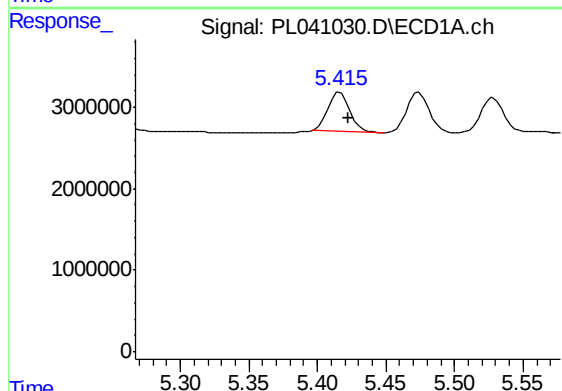
R.T.: 0.000 min
Exp R.T.: 4.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



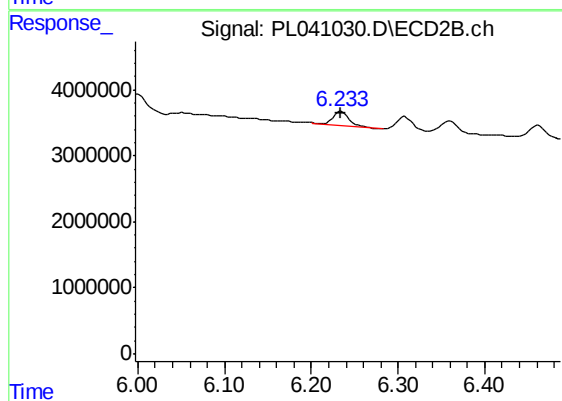
#24 Chlordane-2

R.T.: 5.612 min
Delta R.T.: 0.027 min
Response: 2513706
Conc: 20.33 ng/ml



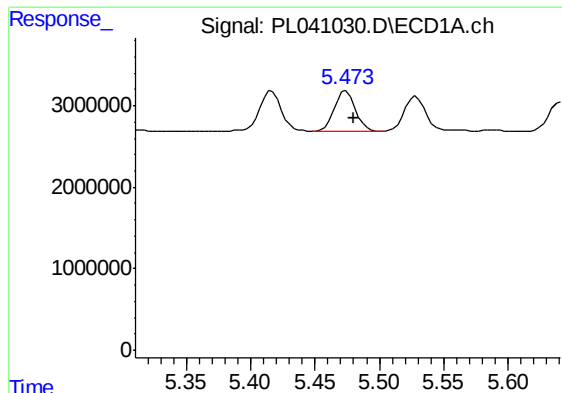
#25 Chlordane-3

R.T.: 5.417 min
Delta R.T.: -0.006 min
Response: 5345961
Conc: 6.98 ng/ml



#25 Chlordane-3

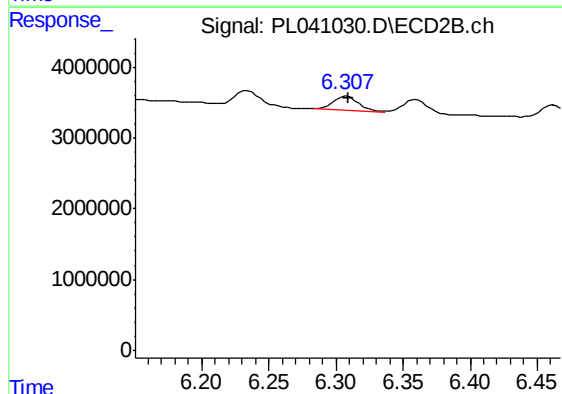
R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 2662867
Conc: 6.61 ng/ml



#26 Chlordane-4

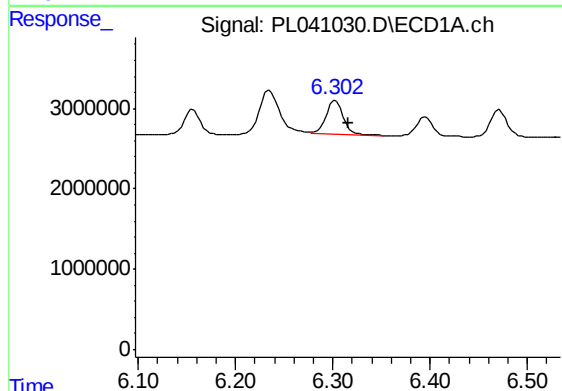
R.T.: 5.474 min
Delta R.T.: -0.006 min
Response: 5633198
Conc: 8.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



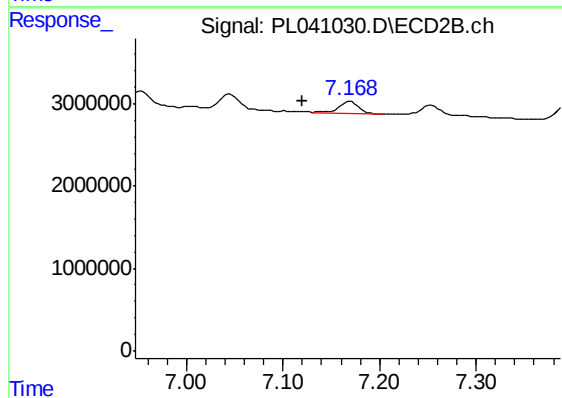
#26 Chlordane-4

R.T.: 6.308 min
Delta R.T.: -0.002 min
Response: 2570388
Conc: 5.42 ng/ml



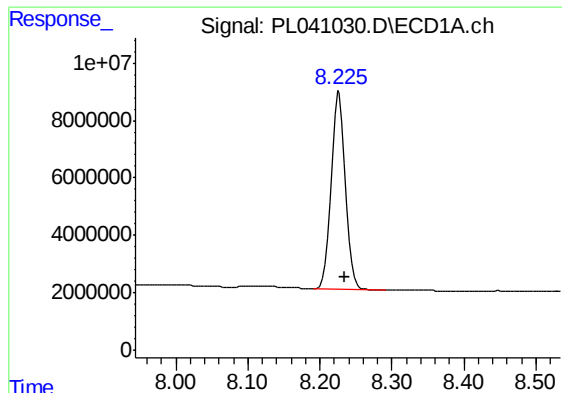
#27 Chlordane-5

R.T.: 6.303 min
Delta R.T.: -0.013 min
Response: 5333060
Conc: 24.61 ng/ml



#27 Chlordane-5

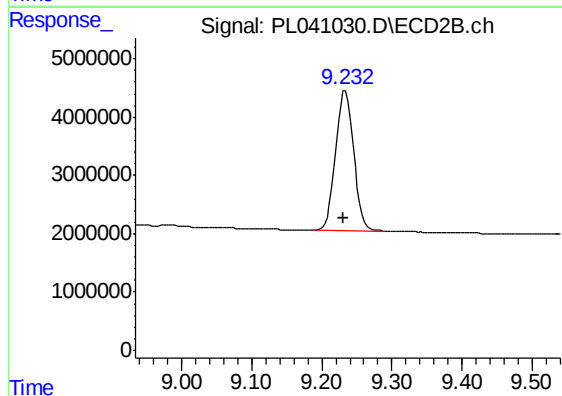
R.T.: 7.170 min
Delta R.T.: 0.050 min
Response: 1903673
Conc: 21.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.227 min
Delta R.T.: -0.008 min
Response: 94239801
Conc: 18.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018



#28 Decachlorobiphenyl

R.T.: 9.233 min
Delta R.T.: 0.002 min
Response: 43169162
Conc: 16.69 ng/ml