

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
 Data File : PL089449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 13:48
 Operator : AR\AJ
 Sample : P2403-07
 Misc : TOX/LOD 50PPB
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 22:26:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.797	42231790	26969198	20.973	21.020
28)	SA Decachlor...	9.068	7.949	29546602	28729591	21.120	21.357
Target Compounds							
2)	A alpha-BHC	4.006	3.297	266563	108720	0.093	0.058 #
3)	MA gamma-BHC...	4.346	3.630	92206	20293	0.033	0.011 #
4)	MA Heptachlor	4.916	3.964	775059	13406	0.313	0.008 #
5)	MB Aldrin	5.259	0.000	1177116	0	0.458	N.D. #
6)	B beta-BHC	0.000	3.931	0	31871	N.D.	0.039 #
7)	B delta-BHC	4.778	4.157	875849	87386	0.330	0.049 #
8)	B Heptachlo...	5.695	4.755	1383743	99811	0.590	0.062 #
9)	A Endosulfan I	6.089	5.101f	509699	166106	0.237	0.111 #
10)	B gamma-Chl...	5.973f	5.034f	928402	937109	0.406	0.571 #
11)	B alpha-Chl...	6.010f	5.101f	713400	166106	0.314	0.101 #
12)	B 4,4'-DDE	6.178f	5.250	693225	446164	0.343	0.307
13)	MA Dieldrin	6.346	5.388	114407	-73033	0.051	N.D. #
14)	MA Endrin	6.600f	5.689f	302738	193811	0.160	0.135
15)	B Endosulfa...	0.000	5.961	0	438878	N.D.	0.305 #
16)	A 4,4'-DDD	6.714	5.797f	453597	298212	0.269	0.242
17)	MA 4,4'-DDT	0.000	6.075	0	334666	N.D.	0.247 #
18)	B Endrin al...	6.945	6.152	-22627	243703	N.D.	0.219
19)	B Endosulfa...	7.160	6.366	3145913	29817	1.739	0.021 #
20)	A Methoxychlor	0.000	6.632	0	927437	N.D.	1.160 #
22)	Mirex	8.104f	7.075f	-33804	1583715	N.D.	1.161
23)	Chlordane-1	0.000	3.798	0	20028	N.D.	0.407 #
24)	Chlordane-2	5.259f	4.375	1177116	64521	11.201	1.014 #
25)	Chlordane-3	5.973f	5.034f	928402	937109	2.811	5.473 #
26)	Chlordane-4	6.054f	5.101f	580661	166106	1.424	1.033 #
27)	Chlordane-5	6.867	5.717f	1701693	580144	20.448	11.336 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
Data File : PL089449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2024 13:48
Operator : AR\AJ
Sample : P2403-07
Misc : TOX/LOD 50PPB
ALS Vial : 10 Sample Multiplier: 1

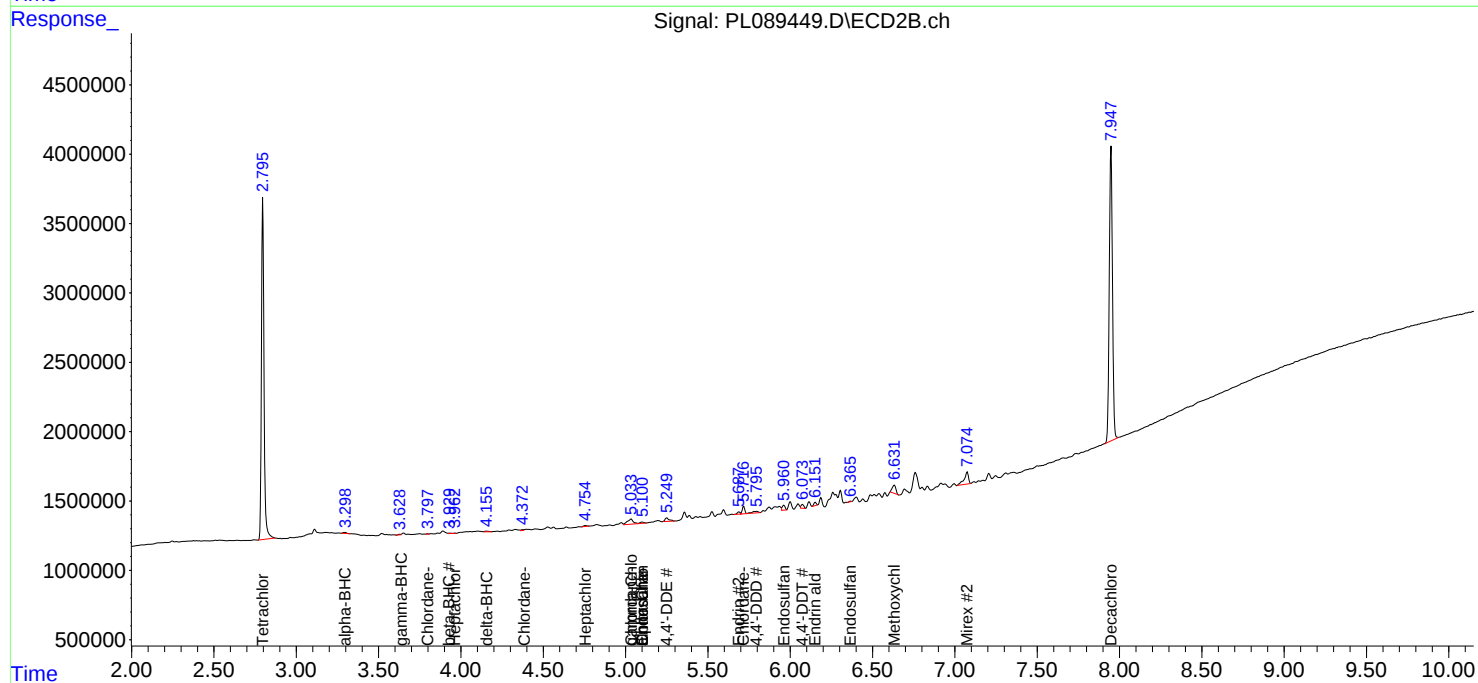
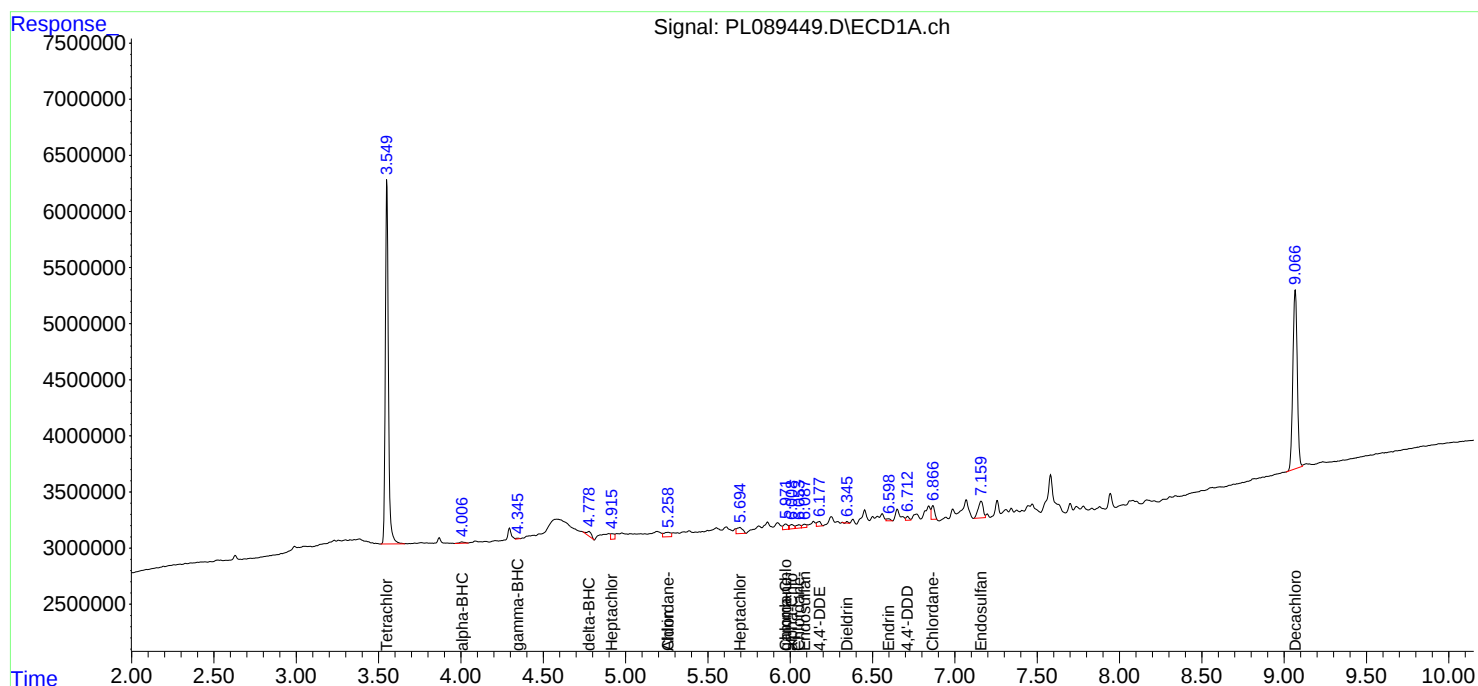
Instrument :
ECD_L
ClientSampleId :
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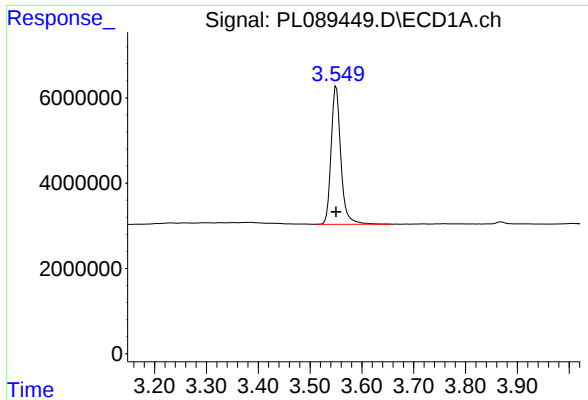
Manual Integrations
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Supervised By : Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 22:26:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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 x0.5µm





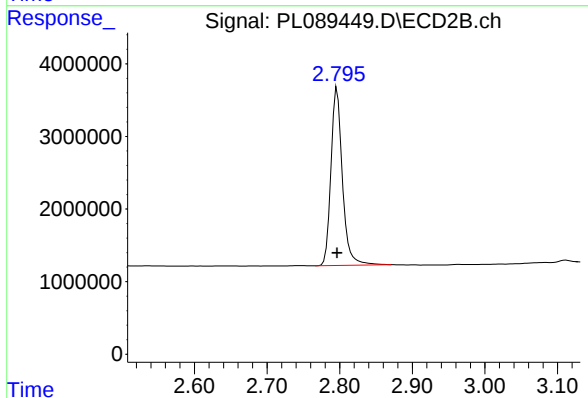
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 42231790
Conc: 20.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

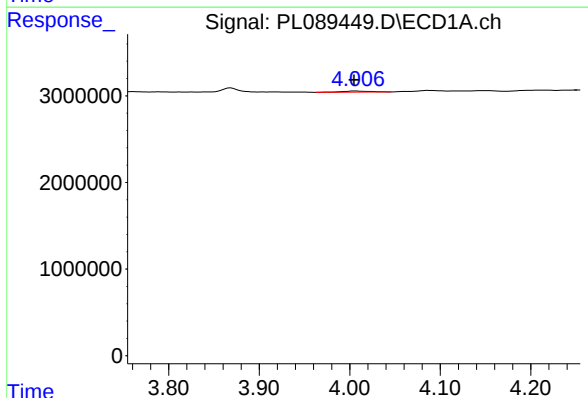
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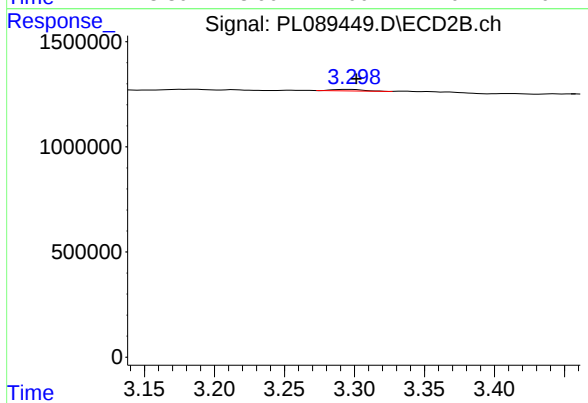
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 26969198
Conc: 21.02 ng/ml



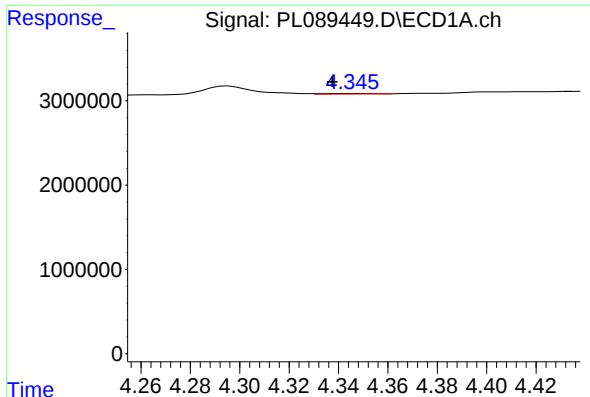
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 266563
Conc: 0.09 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.005 min
Response: 108720
Conc: 0.06 ng/ml



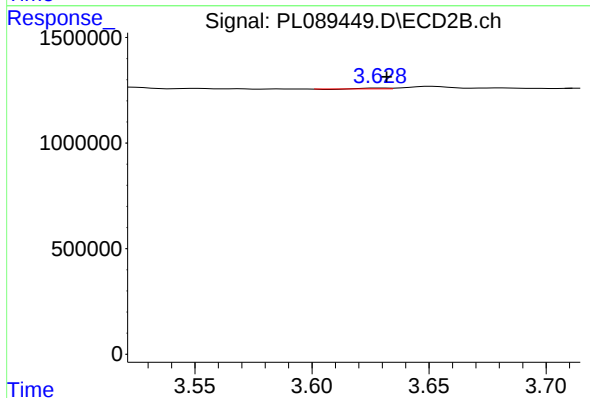
#3 gamma-BHC (Lindane)

R.T.: 4.346 min
Delta R.T.: 0.009 min
Response: 92206
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
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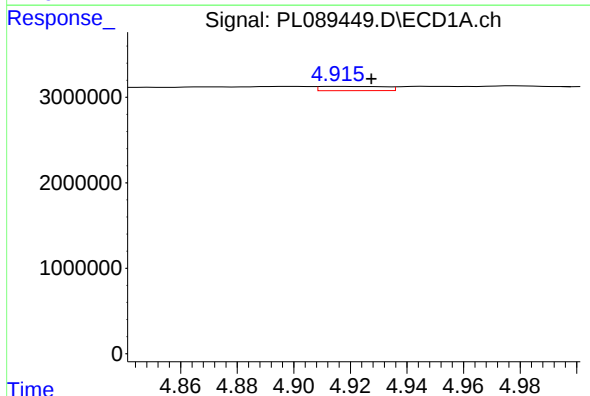
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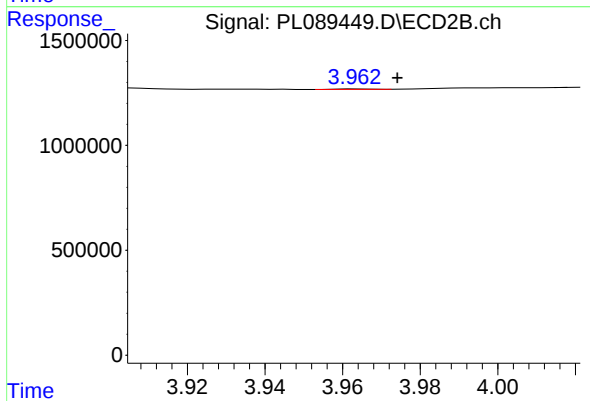
#3 gamma-BHC (Lindane)

R.T.: 3.630 min
Delta R.T.: -0.002 min
Response: 20293
Conc: 0.01 ng/ml



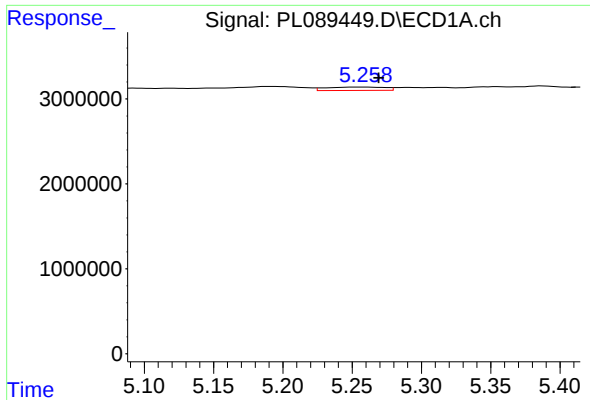
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.011 min
Response: 775059
Conc: 0.31 ng/ml



#4 Heptachlor

R.T.: 3.964 min
Delta R.T.: -0.010 min
Response: 13406
Conc: 0.01 ng/ml



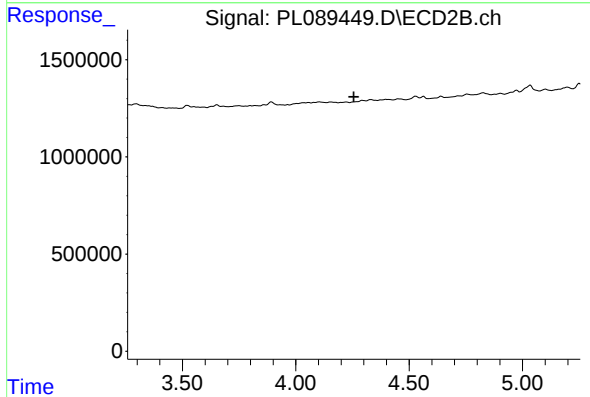
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.010 min
Response: 1177116
Conc: 0.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

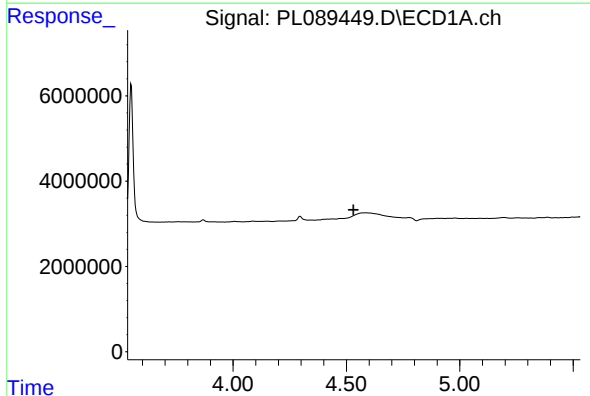
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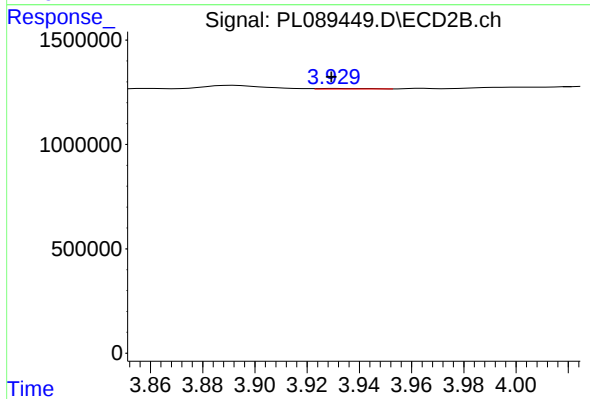
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.256 min
Response: 0
Conc: N.D.



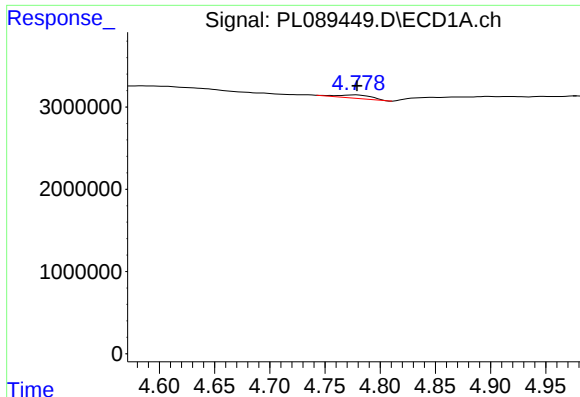
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.532 min
Response: 0
Conc: N.D.



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.002 min
Response: 31871
Conc: 0.04 ng/ml



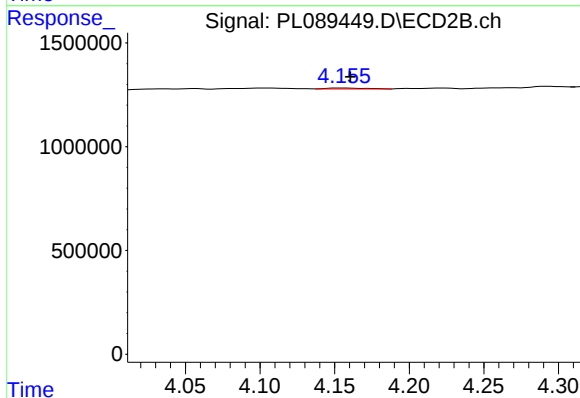
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 875849
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

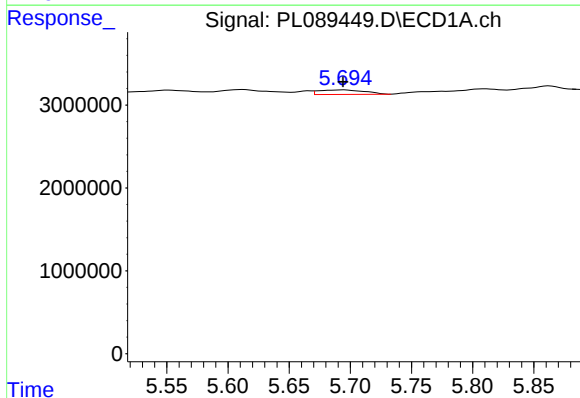
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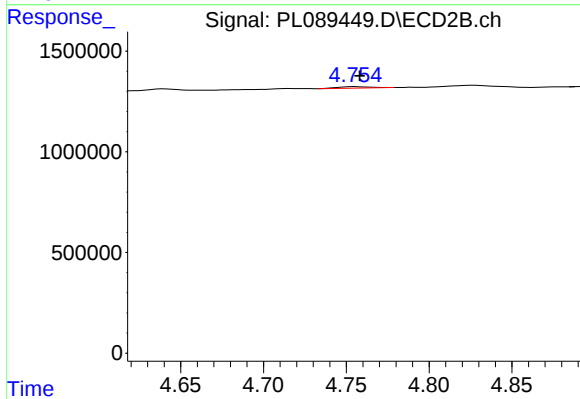
#7 delta-BHC

R.T.: 4.157 min
Delta R.T.: -0.004 min
Response: 87386
Conc: 0.05 ng/ml



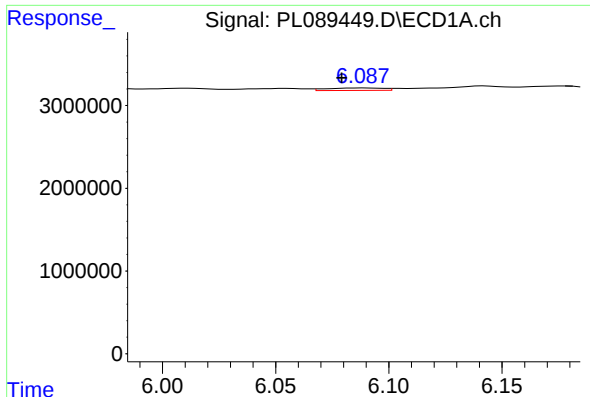
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 1383743
Conc: 0.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.755 min
Delta R.T.: -0.003 min
Response: 99811
Conc: 0.06 ng/ml



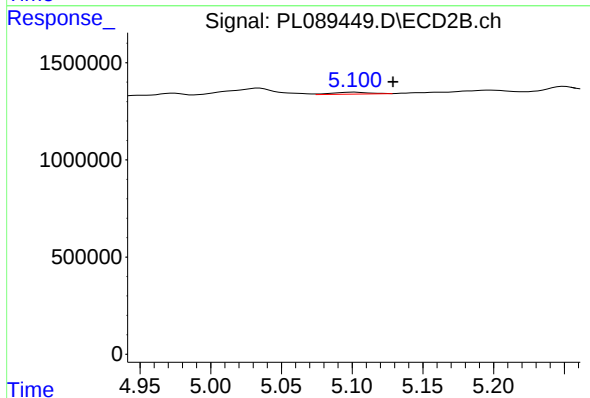
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.009 min
Response: 509699
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

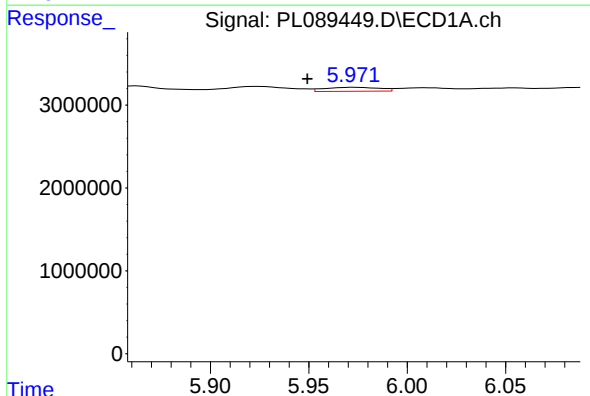
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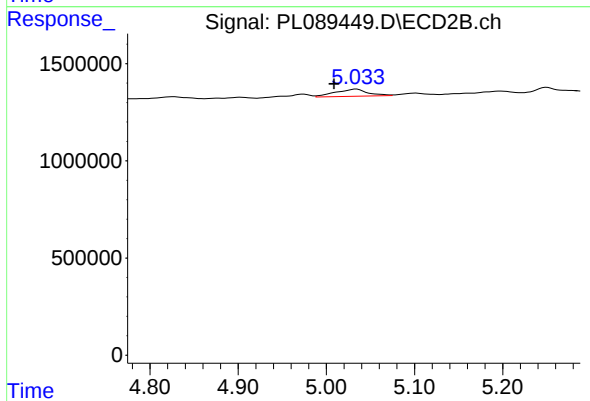
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: -0.028 min
Response: 166106
Conc: 0.11 ng/ml



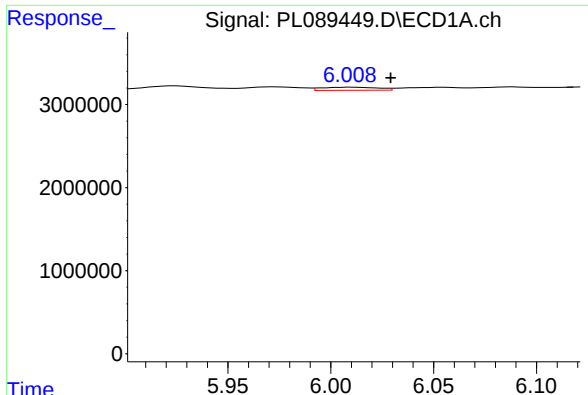
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.023 min
Response: 928402
Conc: 0.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.025 min
Response: 937109
Conc: 0.57 ng/ml



#11 alpha-Chlordane

R.T.: 6.010 min
Delta R.T.: -0.019 min
Response: 713400
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

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#11 alpha-Chlordane

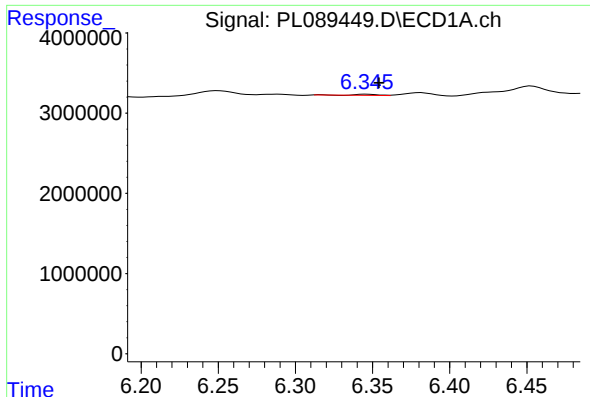
R.T.: 5.101 min
Delta R.T.: 0.029 min
Response: 166106
Conc: 0.10 ng/ml

#12 4,4'-DDE

R.T.: 6.178 min
Delta R.T.: -0.023 min
Response: 693225
Conc: 0.34 ng/ml

#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.012 min
Response: 446164
Conc: 0.31 ng/ml



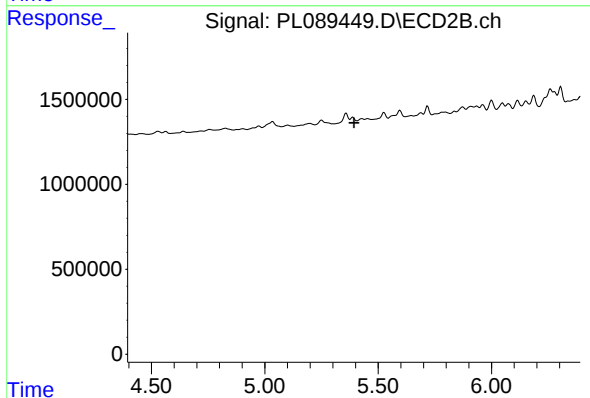
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.009 min
Response: 114407
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

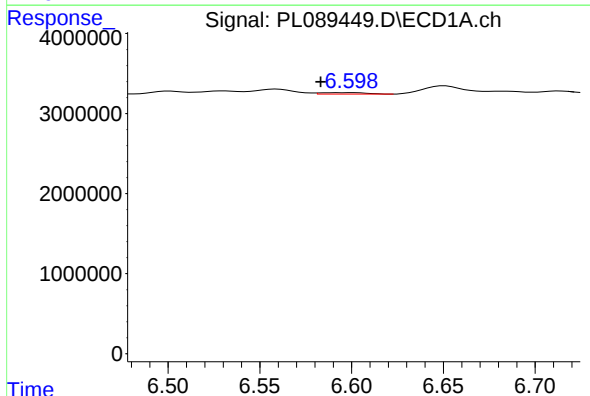
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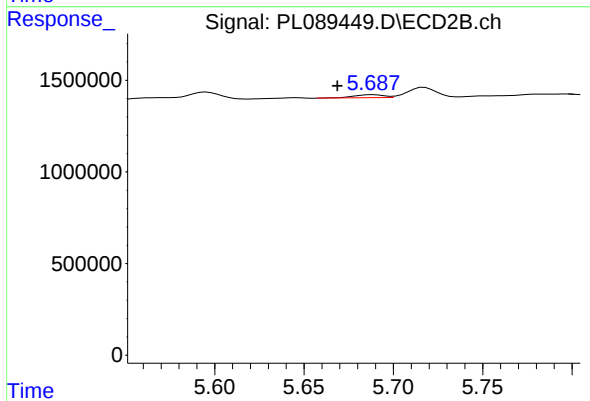
#13 Dieldrin

R.T.: 5.388 min
Delta R.T.: -0.006 min
Response: -73033
Conc: N.D.



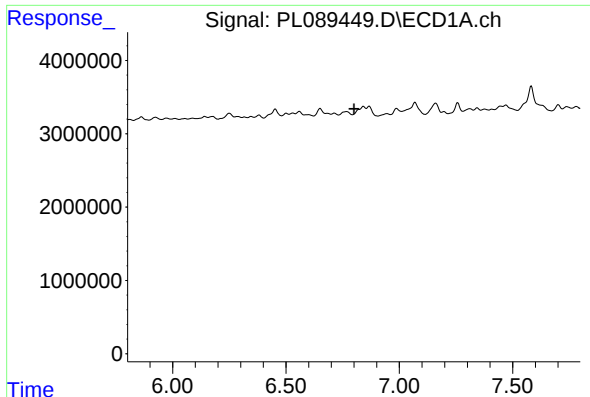
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.016 min
Response: 302738
Conc: 0.16 ng/ml



#14 Endrin

R.T.: 5.689 min
Delta R.T.: 0.020 min
Response: 193811
Conc: 0.13 ng/ml



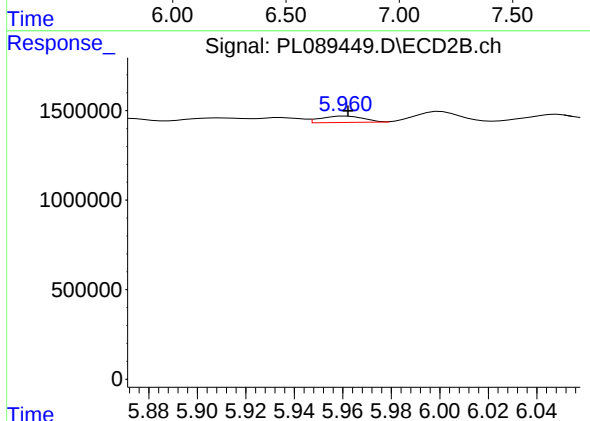
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.801 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

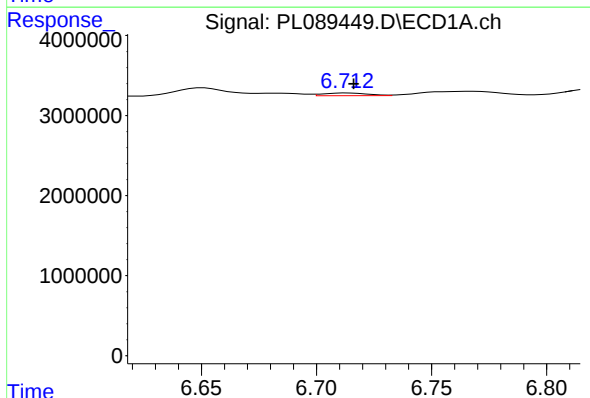
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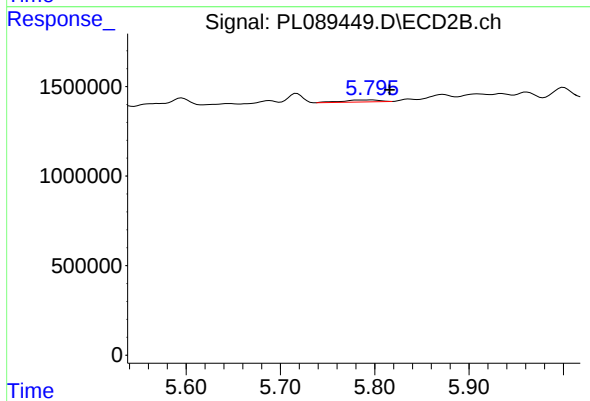
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 438878
Conc: 0.31 ng/ml



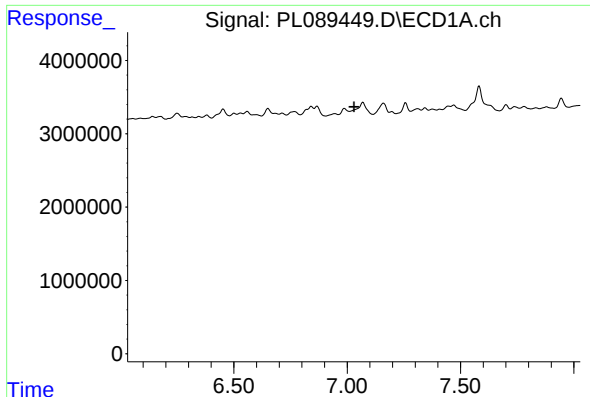
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 453597
Conc: 0.27 ng/ml



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: -0.019 min
Response: 298212
Conc: 0.24 ng/ml



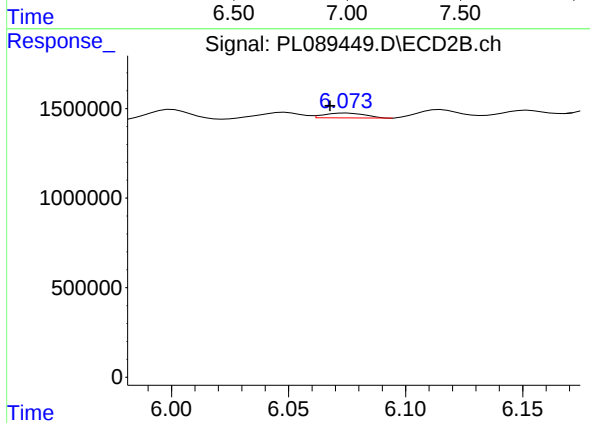
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.031 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

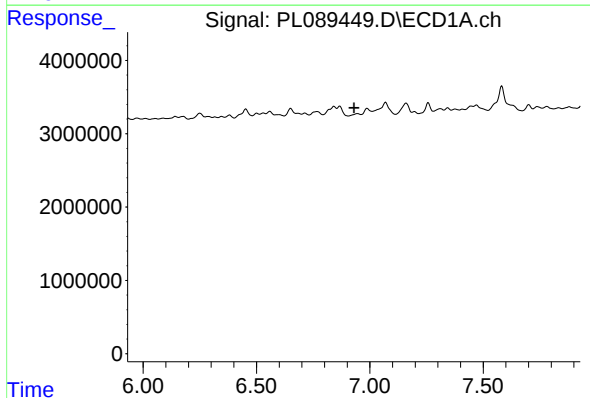
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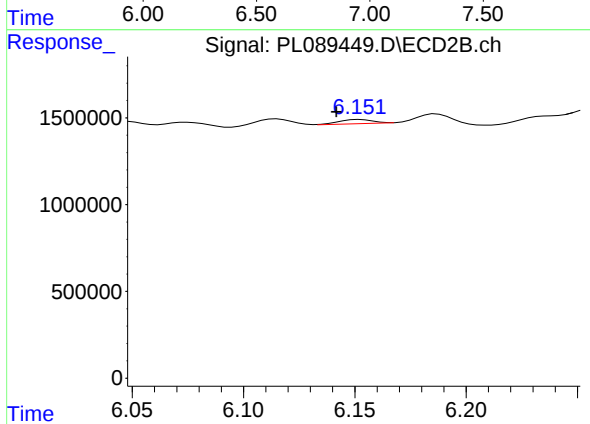
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.007 min
Response: 334666
Conc: 0.25 ng/ml



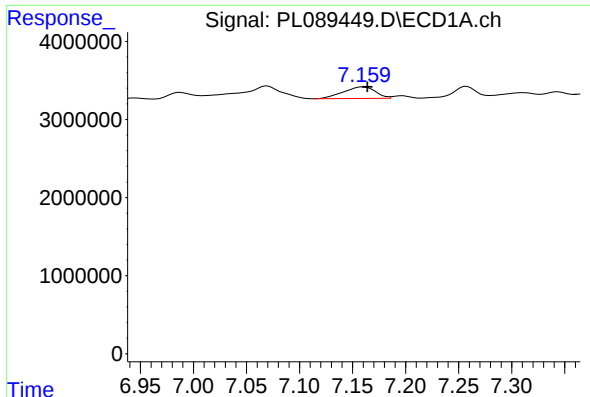
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.014 min
Response: -22627
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.152 min
Delta R.T.: 0.011 min
Response: 243703
Conc: 0.22 ng/ml



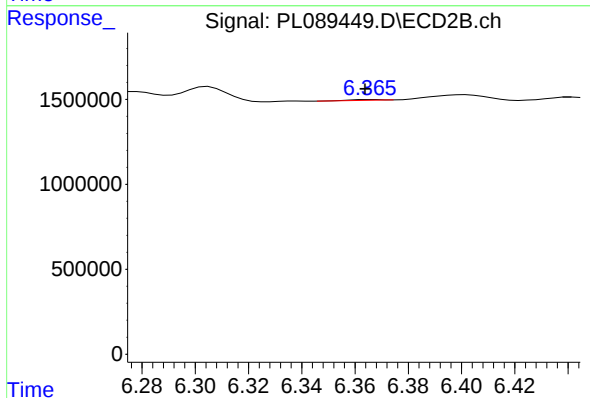
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 3145913
Conc: 1.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

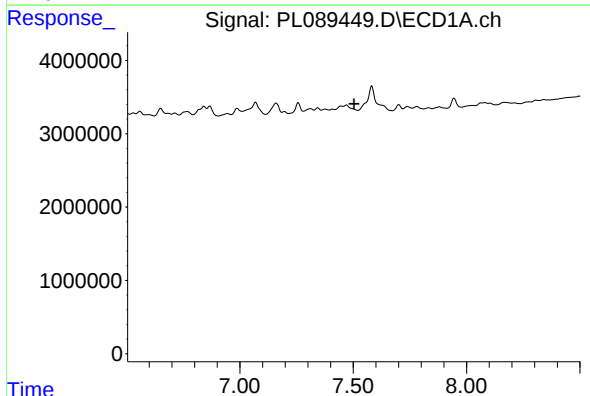
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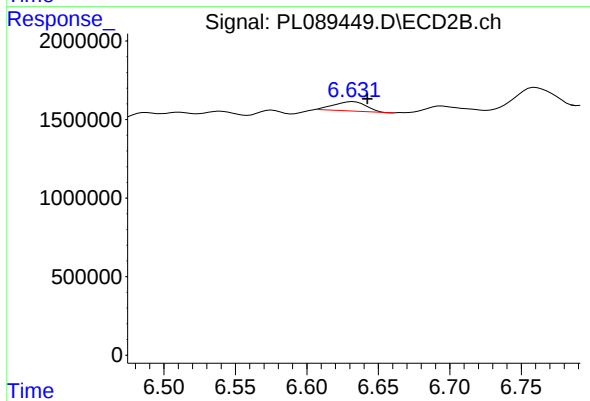
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 29817
Conc: 0.02 ng/ml



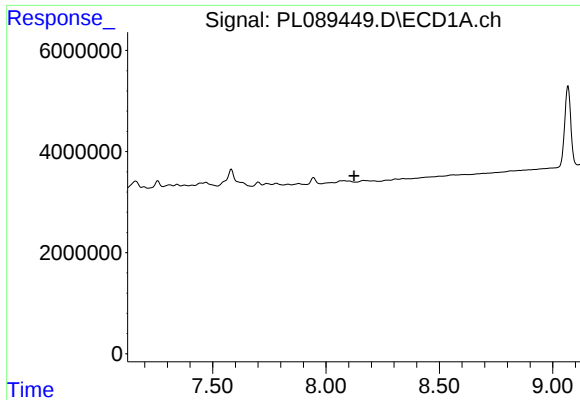
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.505 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 927437
Conc: 1.16 ng/ml



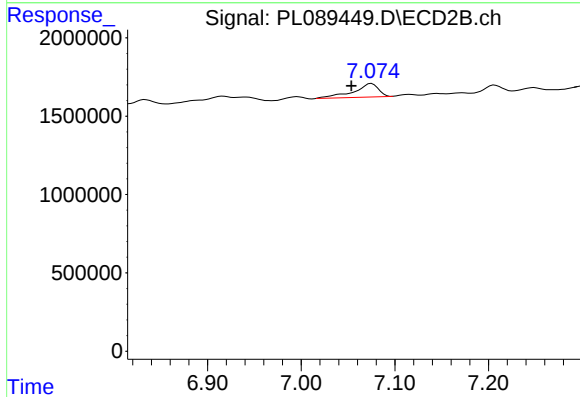
#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.020 min
Response: -33804
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

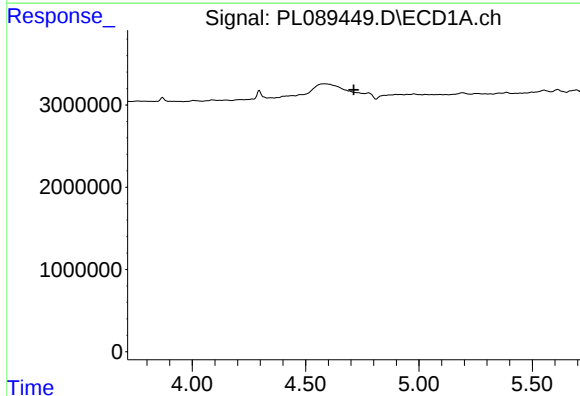
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Supervised By :Ankita Jodhani 05/13/2024



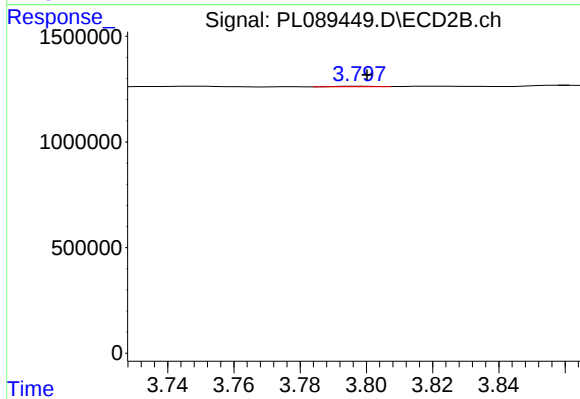
#22 Mirex

R.T.: 7.075 min
Delta R.T.: 0.021 min
Response: 1583715
Conc: 1.16 ng/ml



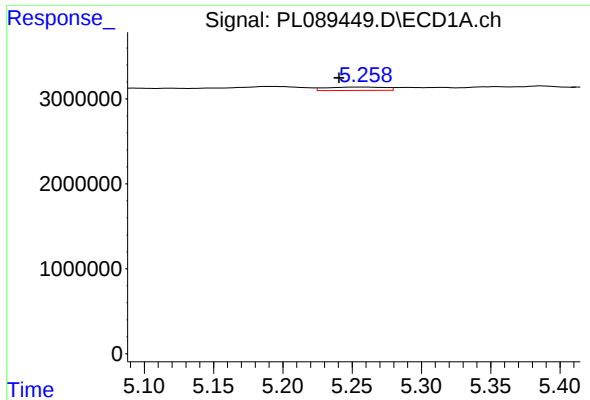
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.798 min
Delta R.T.: -0.002 min
Response: 20028
Conc: 0.41 ng/ml



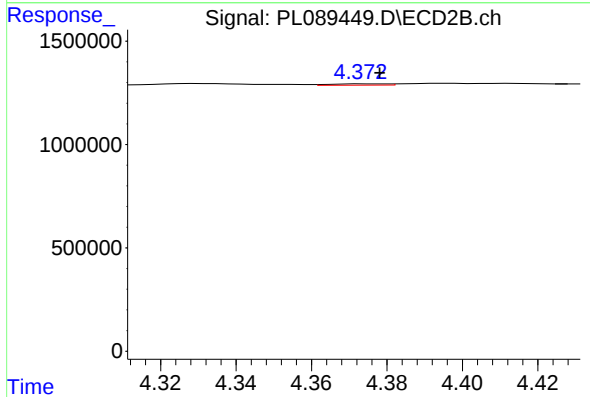
#24 Chlordane-2

R.T.: 5.259 min
Delta R.T.: 0.019 min
Response: 1177116
Conc: 11.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

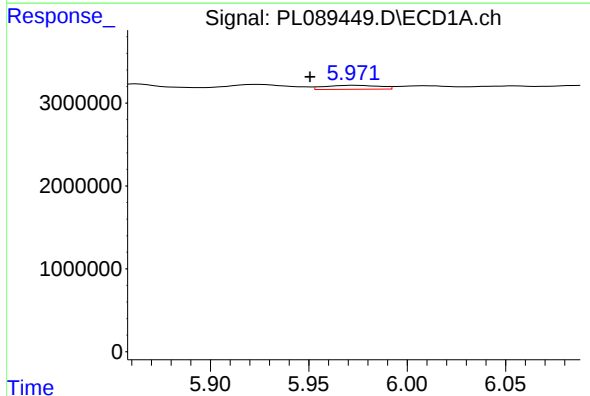
Manual Integrations
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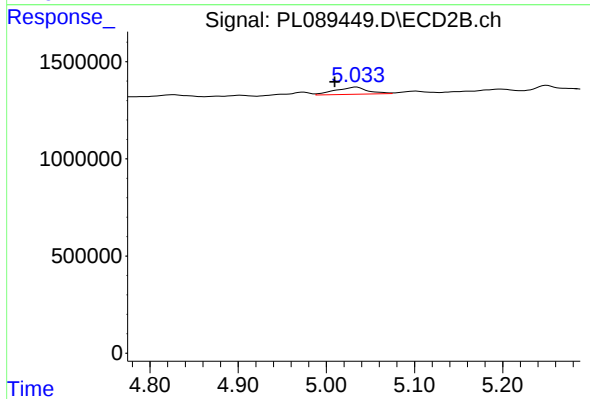
#24 Chlordane-2

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 64521
Conc: 1.01 ng/ml



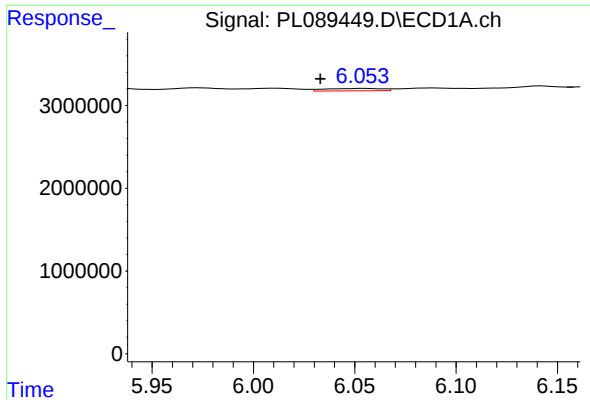
#25 Chlordane-3

R.T.: 5.973 min
Delta R.T.: 0.022 min
Response: 928402
Conc: 2.81 ng/ml



#25 Chlordane-3

R.T.: 5.034 min
Delta R.T.: 0.024 min
Response: 937109
Conc: 5.47 ng/ml



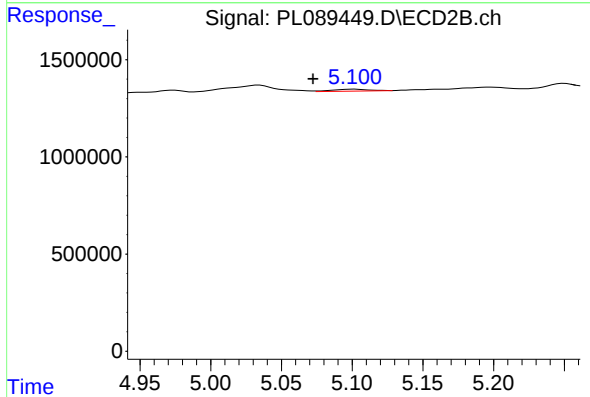
#26 Chlordane-4

R.T.: 6.054 min
Delta R.T.: 0.021 min
Response: 580661
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

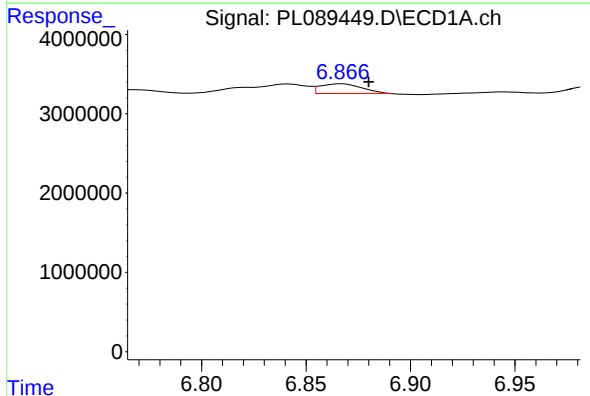
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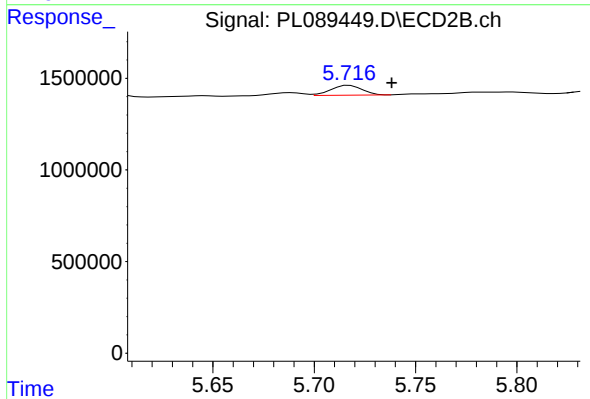
#26 Chlordane-4

R.T.: 5.101 min
Delta R.T.: 0.029 min
Response: 166106
Conc: 1.03 ng/ml



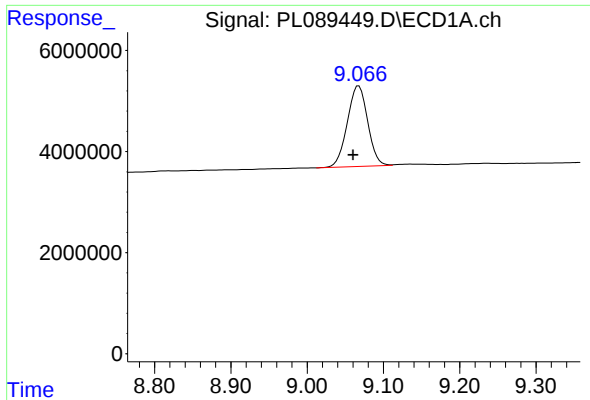
#27 Chlordane-5

R.T.: 6.867 min
Delta R.T.: -0.013 min
Response: 1701693
Conc: 20.45 ng/ml



#27 Chlordane-5

R.T.: 5.717 min
Delta R.T.: -0.021 min
Response: 580144
Conc: 11.34 ng/ml



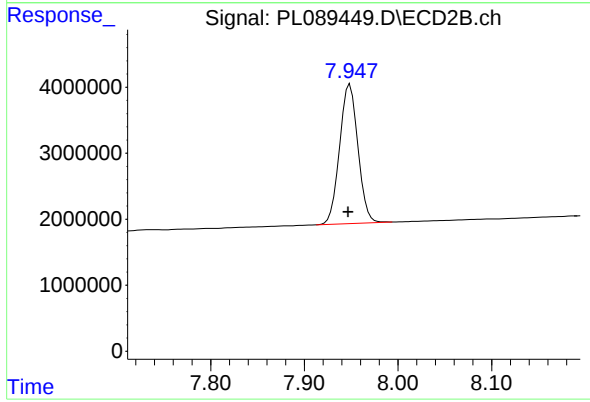
#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.008 min
Response: 29546602
Conc: 21.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 28729591
Conc: 21.36 ng/ml