

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
 Data File : PL089452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 14:42
 Operator : AR\AJ
 Sample : P2403-08
 Misc : TOX/LOQ 100PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-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 22:30:06 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	2.796	42484694	27276262	21.098	21.259
28)	SA Decachlor...	9.066	7.949	30084540	29401104	21.504	21.856
Target Compounds							
2)	A alpha-BHC	4.004	3.299	264641	202267	0.093	0.107
3)	MA gamma-BHC...	4.357f	3.651f	46698	220490	0.017	0.119 #
4)	MA Heptachlor	4.908f	4.001f	703186	55895	0.284	0.032 #
5)	MB Aldrin	5.258	4.266	780723	86354	0.304	0.049 #
6)	B beta-BHC	0.000	3.931	0	66652	N.D.	0.082 #
7)	B delta-BHC	4.780	4.152	654065	127975	0.247	0.071 #
8)	B Heptachlo...	5.692	4.757	1771032	220431	0.755	0.136 #
9)	A Endosulfan I	6.088	5.103f	553784	235573	0.258	0.157 #
10)	B gamma-Chl...	5.973f	5.035f	1164702	1688647	0.510	1.029 #
11)	B alpha-Chl...	6.008f	0.000	838496	0	0.369	N.D. #
12)	B 4,4'-DDE	6.174f	5.250	1098351	812046	0.543	0.558
14)	MA Endrin	6.590	5.689f	568713	440112	0.300	0.306
15)	B Endosulfa...	0.000	5.961	0	827396	N.D.	0.575 #
16)	A 4,4'-DDD	6.713	5.837f	1026079	330201	0.608	0.268 #
17)	MA 4,4'-DDT	0.000	6.075	0	619572	N.D.	0.458 #
18)	B Endrin al...	6.946f	6.152	284506	456333	0.188	0.410 #
19)	B Endosulfa...	7.160	6.364	6421571	171724	3.550	0.124 #
20)	A Methoxychlor	0.000	6.633	0	1966128	N.D.	2.459 #
21)	B Endrin ke...	7.629f	6.885	1914163	-211104	0.956	N.D. #
22)	Mirex	8.102f	7.075f	101919	3158752	0.066	2.315 #
23)	Chlordane-1	4.691f	3.812	42625	24562	0.467	0.499
24)	Chlordane-2	5.258	4.366	780723	59589	7.429	0.937 #
25)	Chlordane-3	5.973f	5.035f	1164702	1688647	3.527	9.862 #
26)	Chlordane-4	6.056f	5.103f	523140	235573	1.283	1.465
27)	Chlordane-5	6.867	5.751	3592457	100054	43.168	1.955 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051024\
 Data File : PL089452.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2024 14:42
 Operator : AR\AJ
 Sample : P2403-08
 Misc : TOX/LOQ 100PPB
 ALS Vial : 14 Sample Multiplier: 1

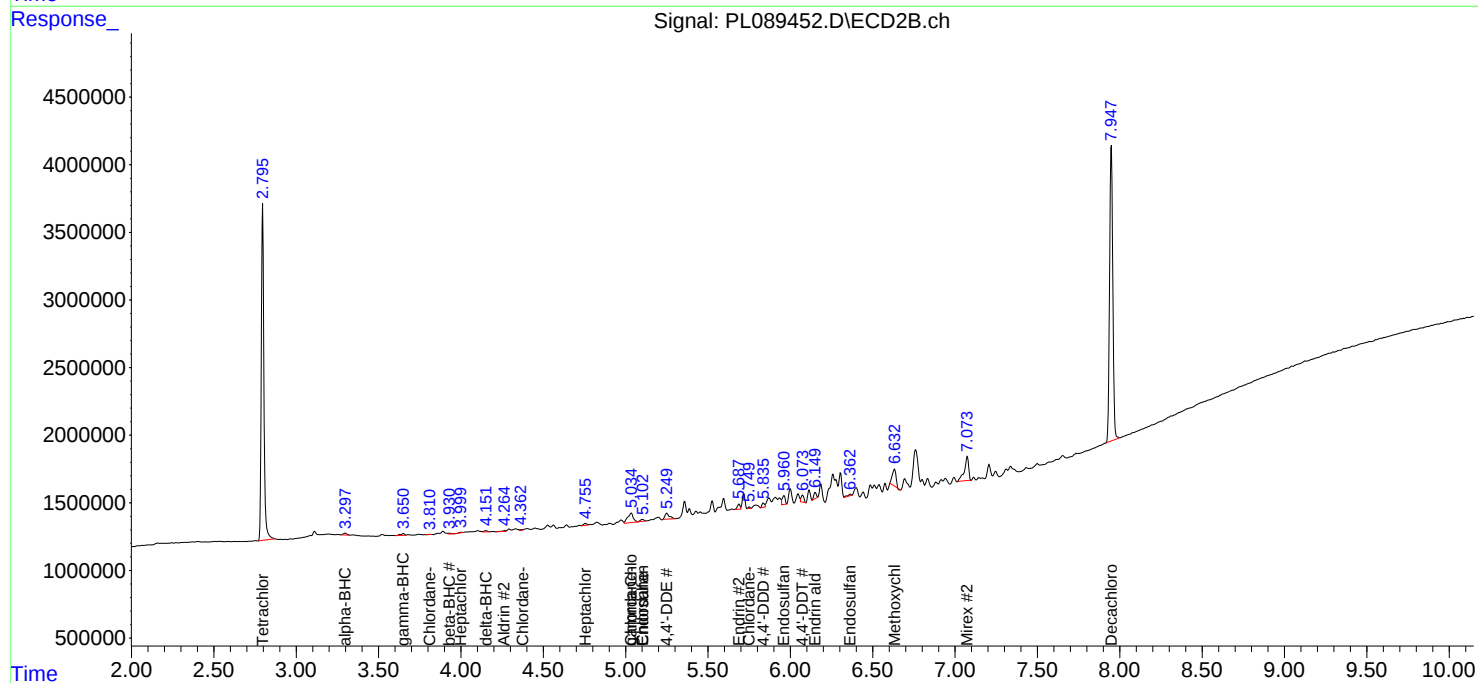
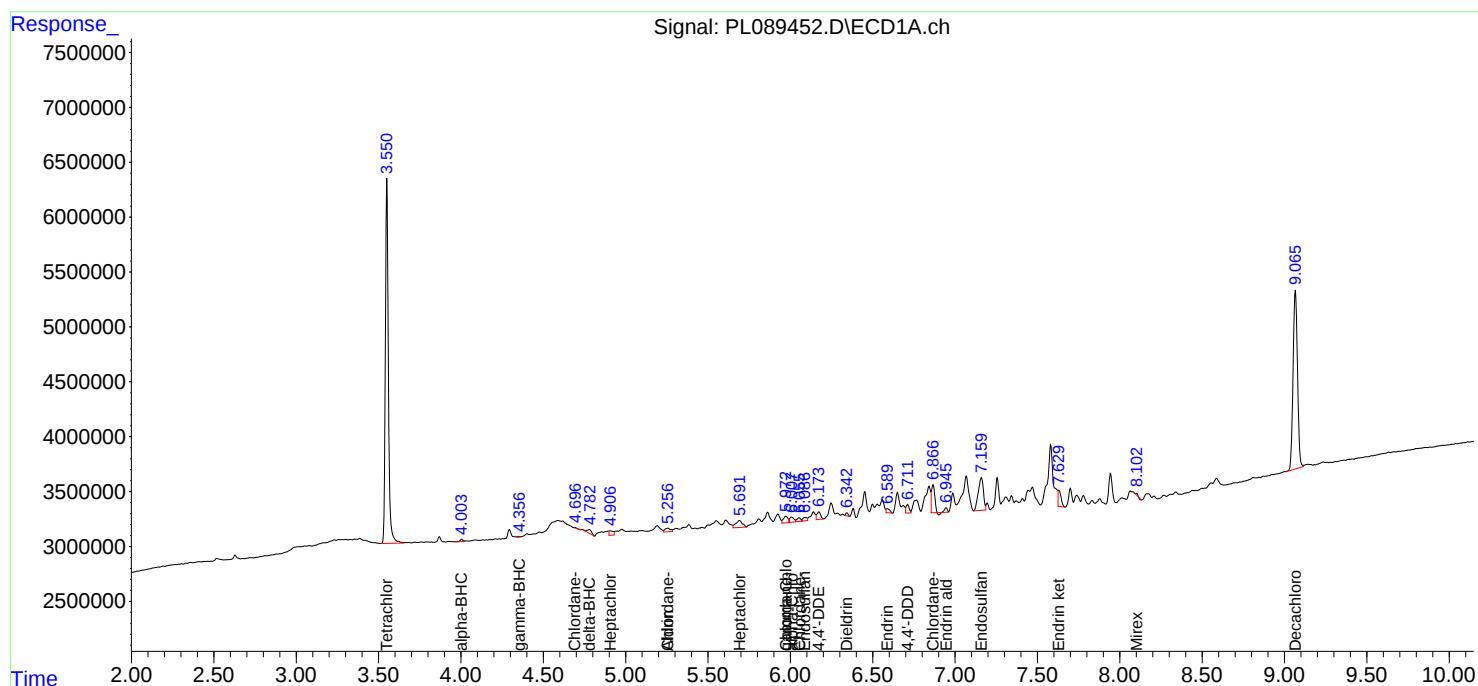
Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

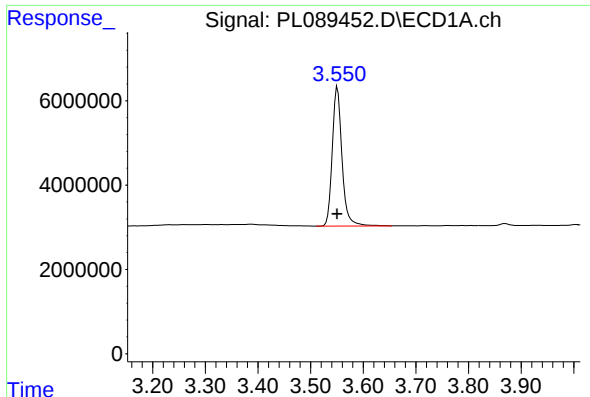
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 22:30:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
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Volume 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 x0.5µm





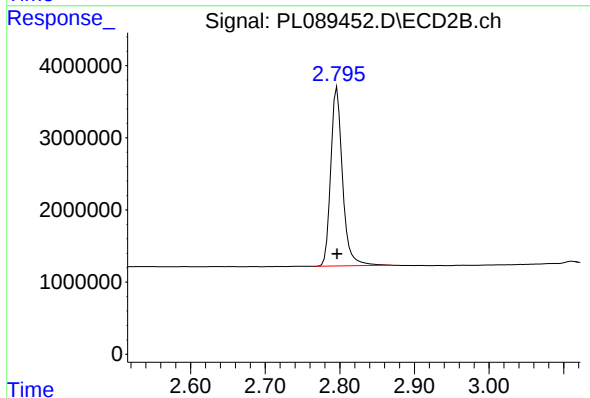
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 42484694
Conc: 21.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

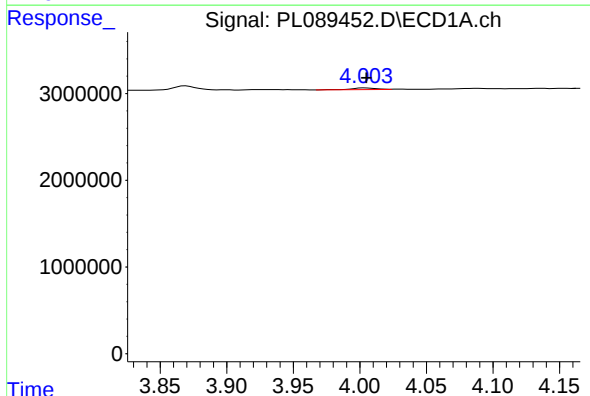
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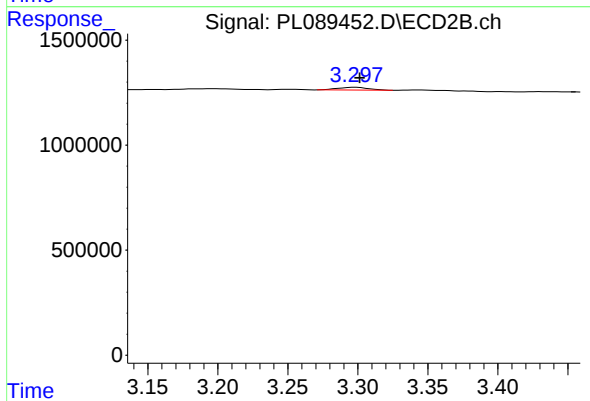
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 27276262
Conc: 21.26 ng/ml



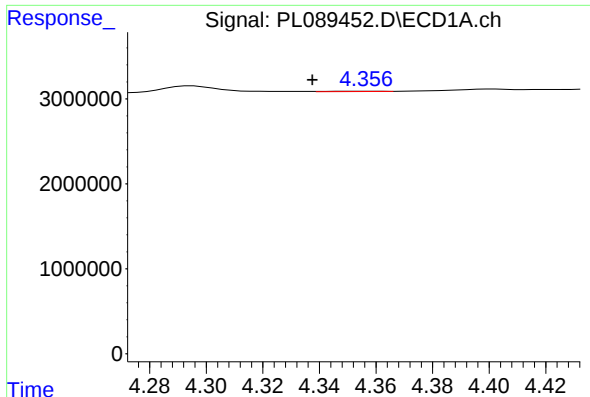
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 264641
Conc: 0.09 ng/ml



#2 alpha-BHC

R.T.: 3.299 min
Delta R.T.: -0.003 min
Response: 202267
Conc: 0.11 ng/ml



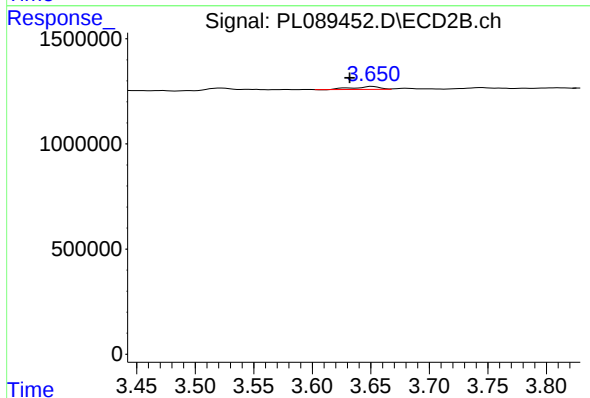
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.020 min
Response: 46698
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

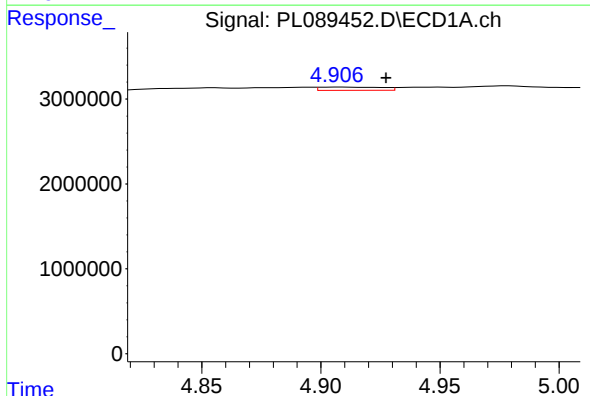
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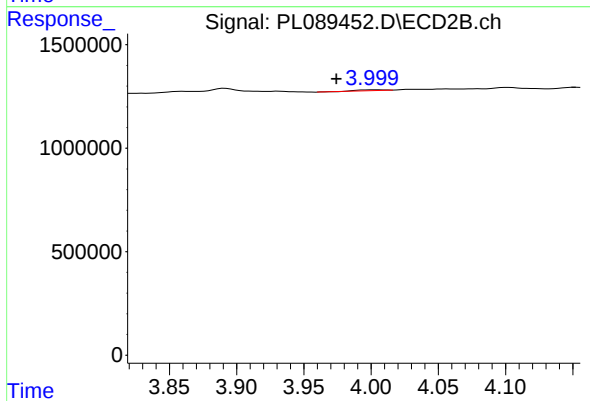
#3 gamma-BHC (Lindane)

R.T.: 3.651 min
Delta R.T.: 0.019 min
Response: 220490
Conc: 0.12 ng/ml



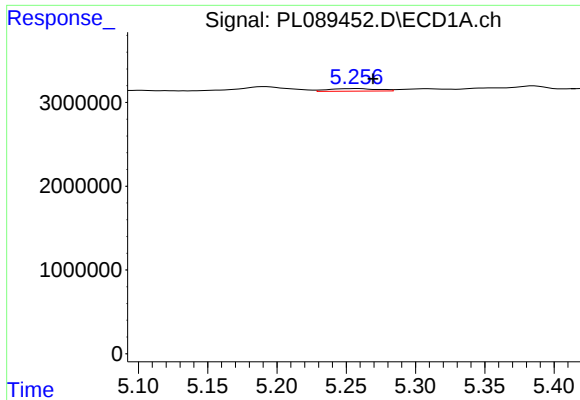
#4 Heptachlor

R.T.: 4.908 min
Delta R.T.: -0.020 min
Response: 703186
Conc: 0.28 ng/ml



#4 Heptachlor

R.T.: 4.001 min
Delta R.T.: 0.027 min
Response: 55895
Conc: 0.03 ng/ml



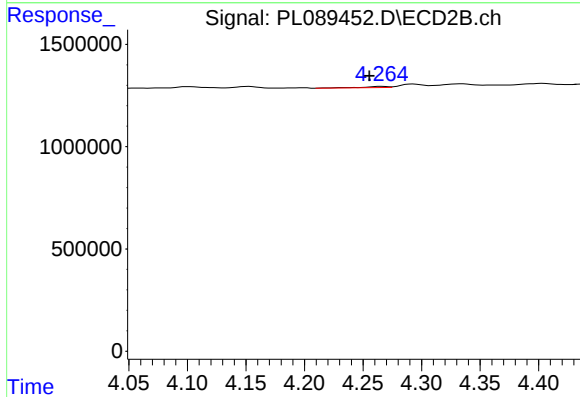
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.012 min
Response: 780723
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

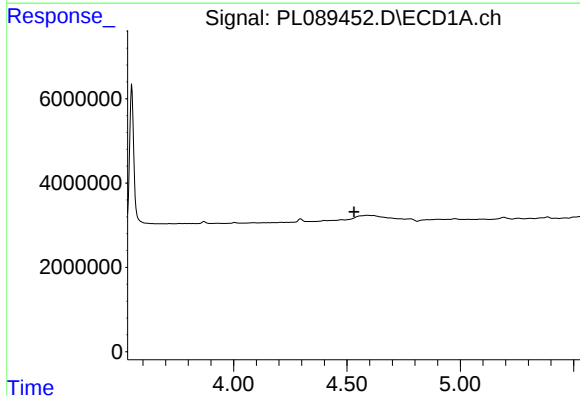
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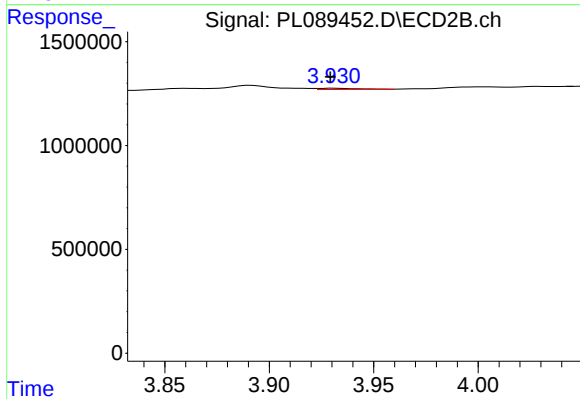
#5 Aldrin

R.T.: 4.266 min
Delta R.T.: 0.010 min
Response: 86354
Conc: 0.05 ng/ml



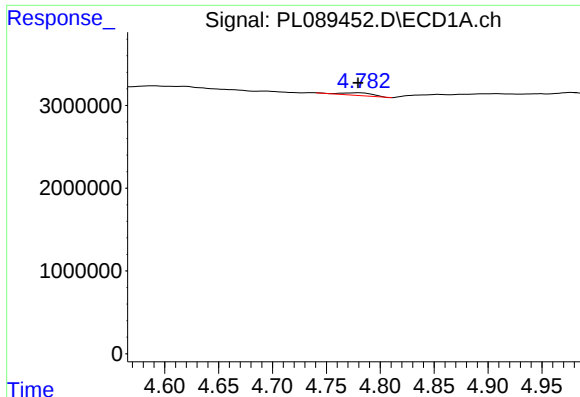
#6 beta-BHC

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: 66652
Conc: 0.08 ng/ml



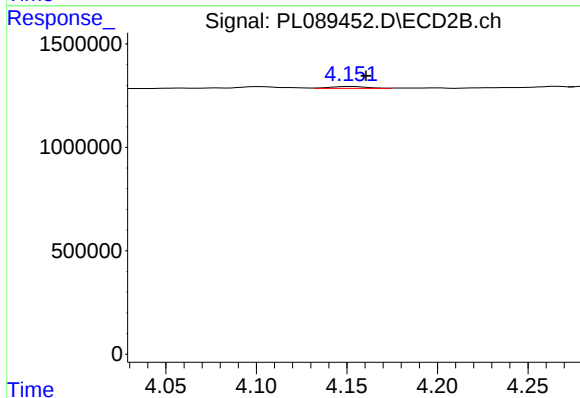
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 654065
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

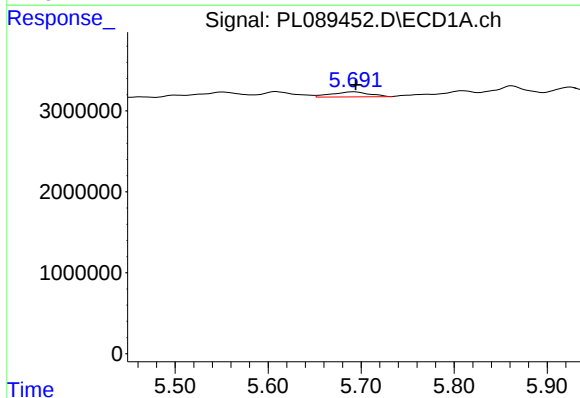
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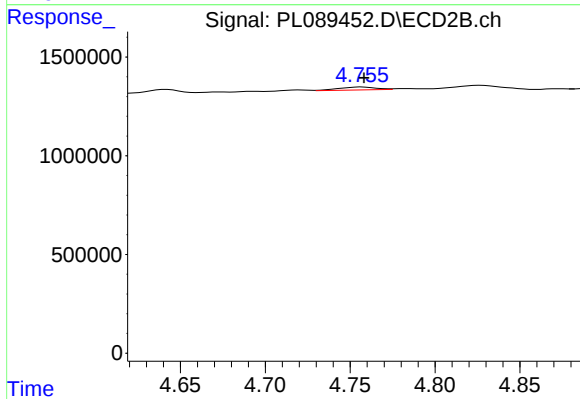
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 127975
Conc: 0.07 ng/ml



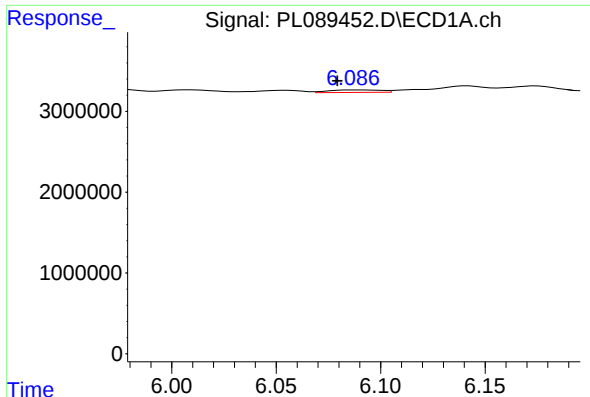
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 1771032
Conc: 0.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 220431
Conc: 0.14 ng/ml



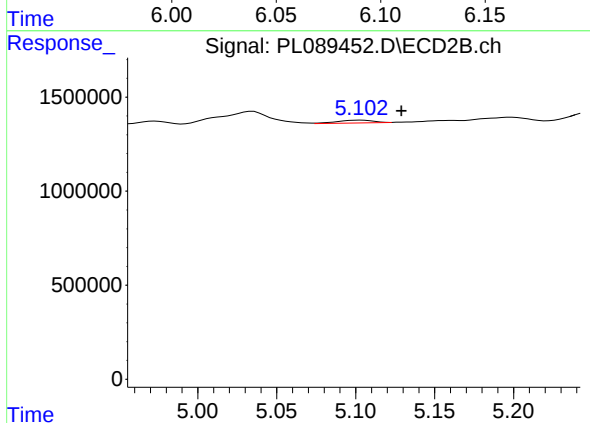
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: 0.009 min
Response: 553784
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

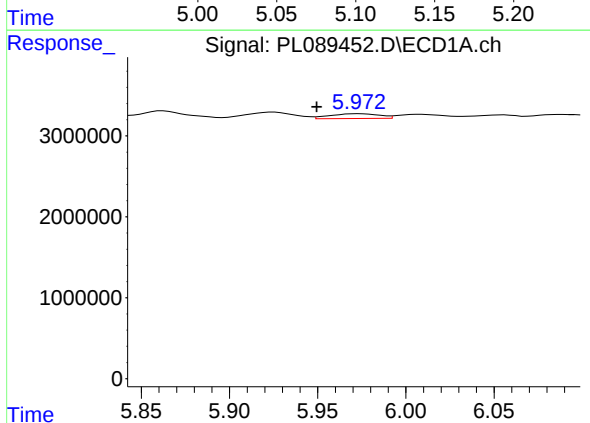
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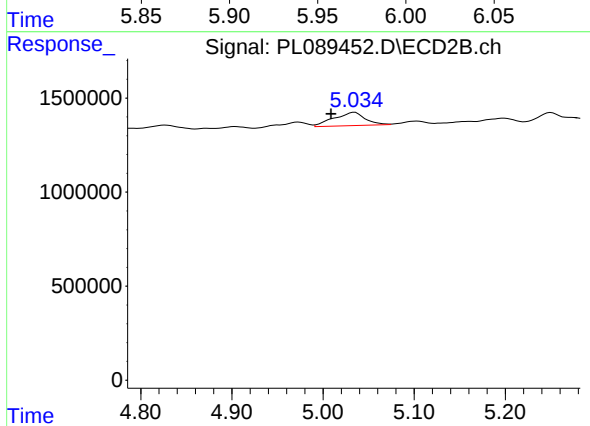
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: -0.026 min
Response: 235573
Conc: 0.16 ng/ml



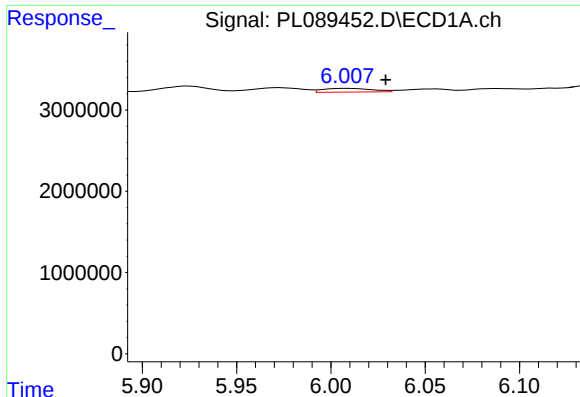
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.024 min
Response: 1164702
Conc: 0.51 ng/ml



#10 gamma-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.026 min
Response: 1688647
Conc: 1.03 ng/ml



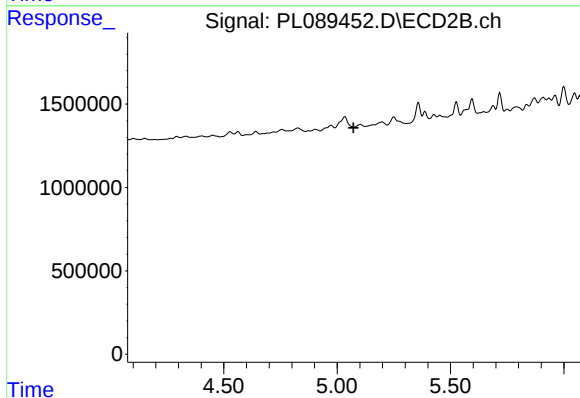
#11 alpha-Chlordane

R.T.: 6.008 min
Delta R.T.: -0.021 min
Response: 838496
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

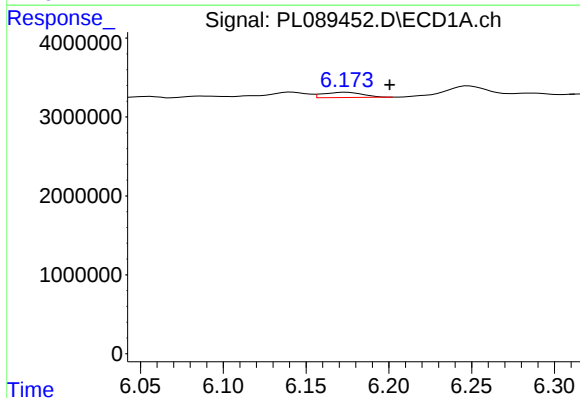
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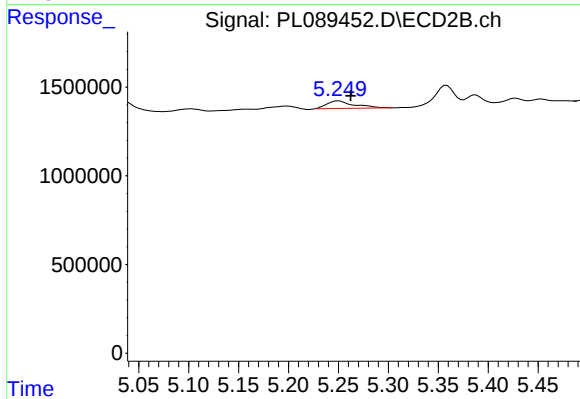
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.073 min
Response: 0
Conc: N.D.



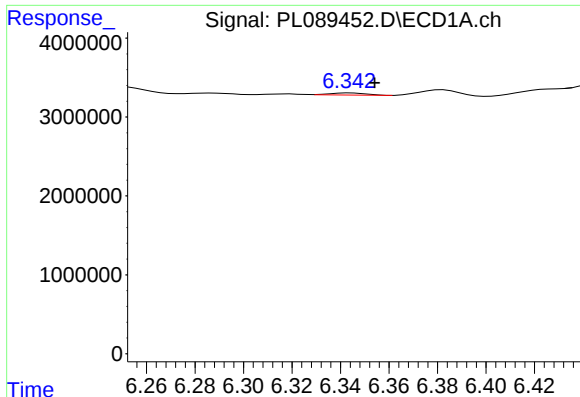
#12 4,4'-DDE

R.T.: 6.174 min
Delta R.T.: -0.026 min
Response: 1098351
Conc: 0.54 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.012 min
Response: 812046
Conc: 0.56 ng/ml



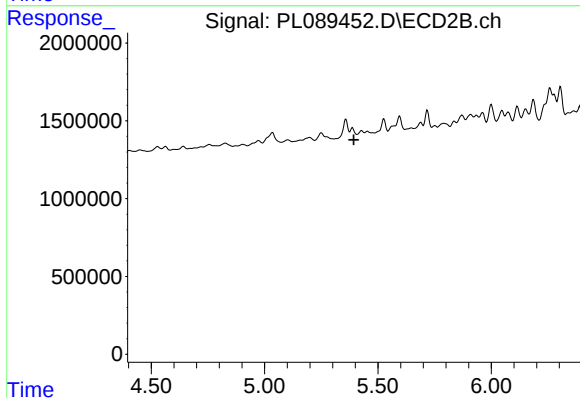
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.010 min
Response: 275443
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

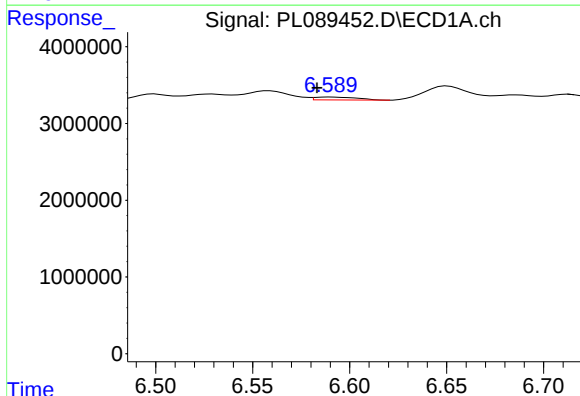
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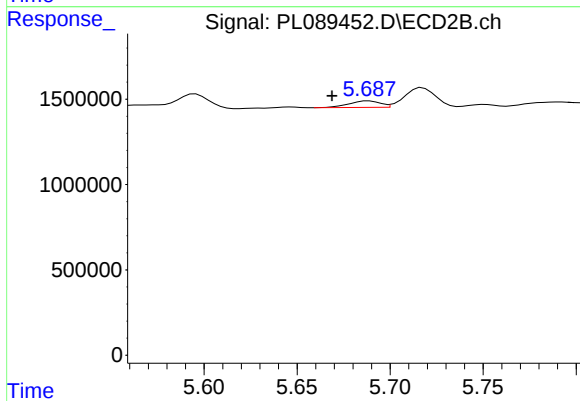
#13 Dieldrin

R.T.: 5.387 min
Delta R.T.: -0.006 min
Response: -437977
Conc: N.D.



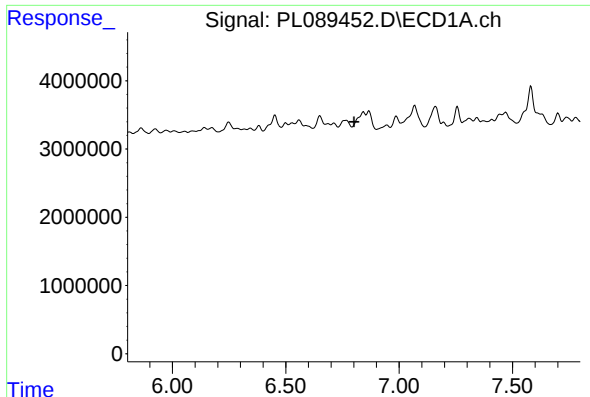
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.006 min
Response: 568713
Conc: 0.30 ng/ml



#14 Endrin

R.T.: 5.689 min
Delta R.T.: 0.020 min
Response: 440112
Conc: 0.31 ng/ml



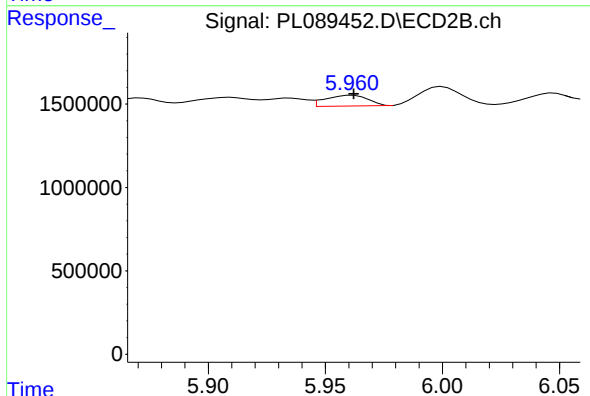
#15 Endosulfan II

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

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

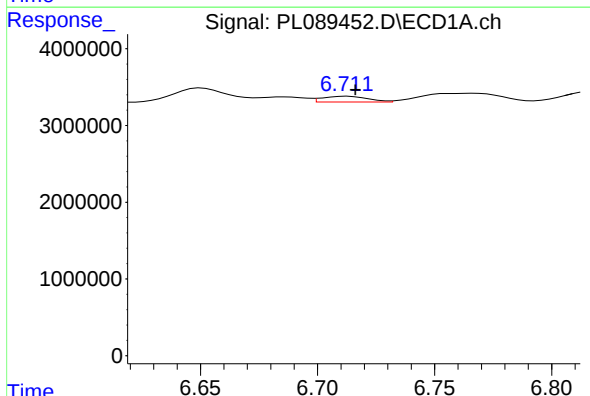
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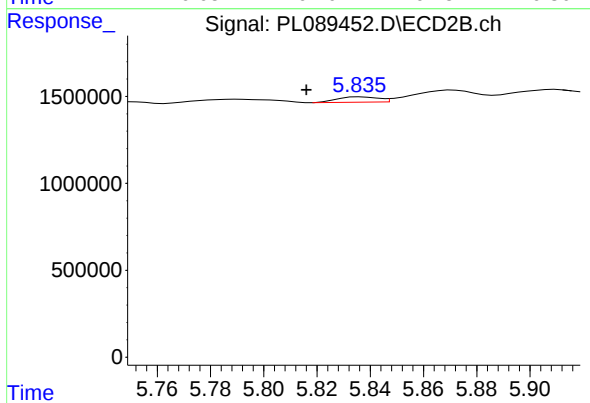
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 827396
Conc: 0.58 ng/ml



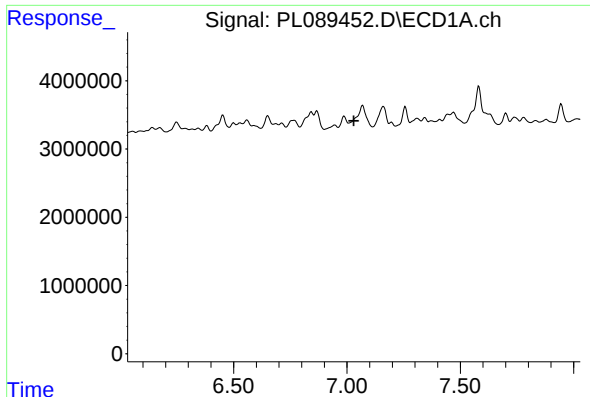
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.004 min
Response: 1026079
Conc: 0.61 ng/ml



#16 4,4'-DDD

R.T.: 5.837 min
Delta R.T.: 0.021 min
Response: 330201
Conc: 0.27 ng/ml



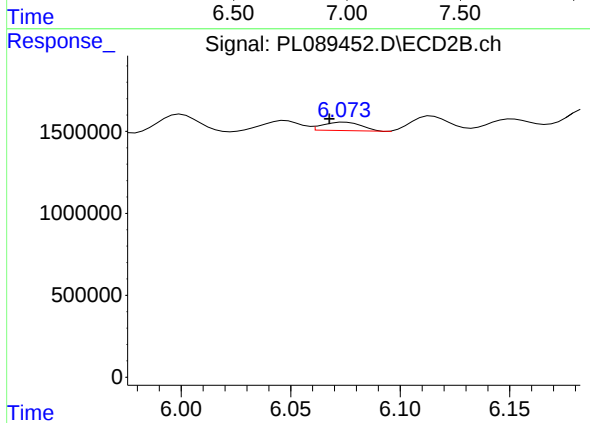
#17 4,4'-DDT

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

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

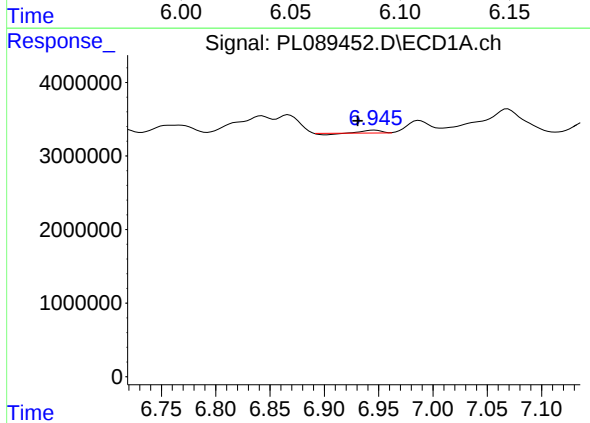
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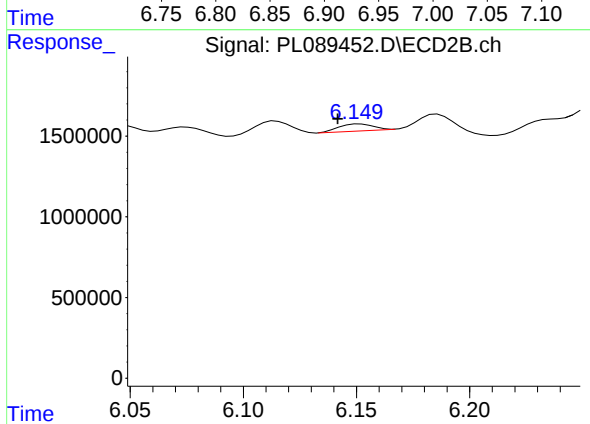
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.007 min
Response: 619572
Conc: 0.46 ng/ml



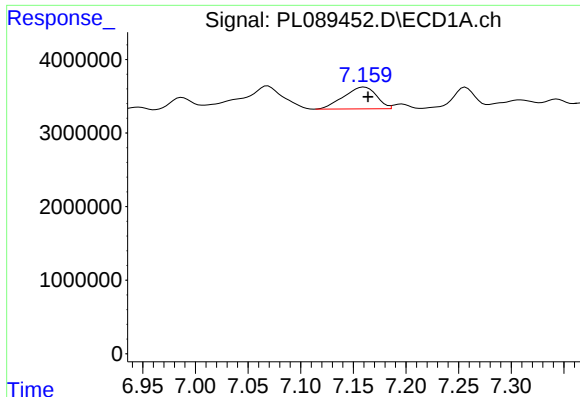
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: 0.015 min
Response: 284506
Conc: 0.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.152 min
Delta R.T.: 0.010 min
Response: 456333
Conc: 0.41 ng/ml



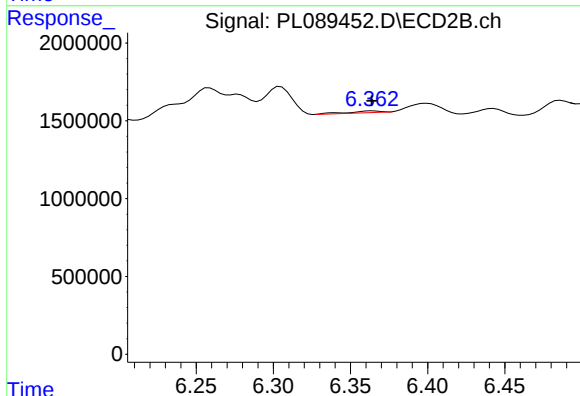
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 6421571
Conc: 3.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
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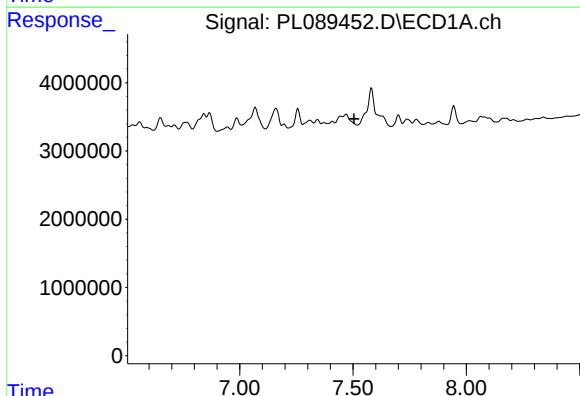
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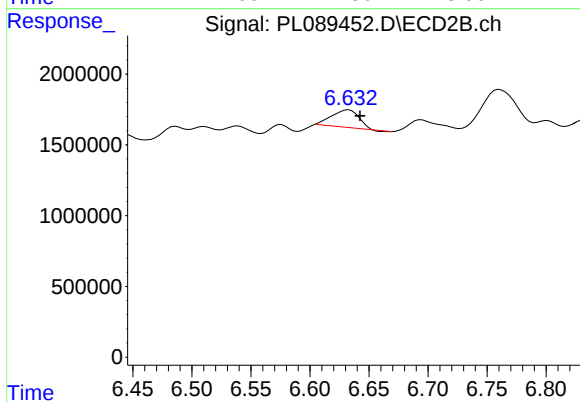
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 171724
Conc: 0.12 ng/ml



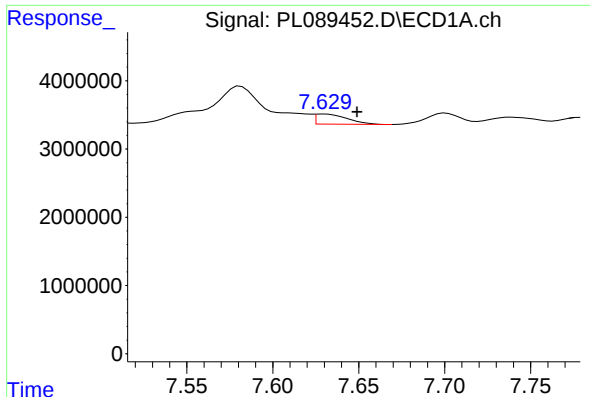
#20 Methoxychlor

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



#20 Methoxychlor

R.T.: 6.633 min
Delta R.T.: -0.010 min
Response: 1966128
Conc: 2.46 ng/ml



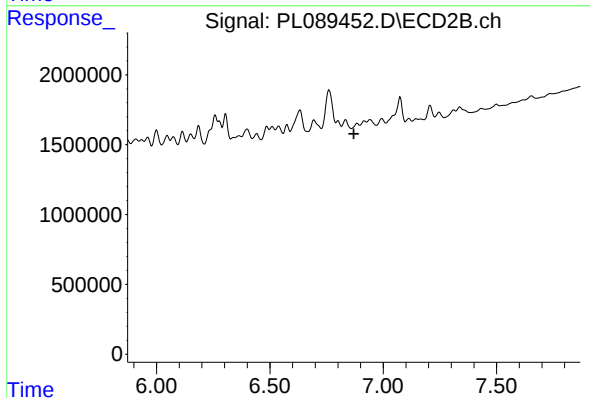
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.019 min
Response: 1914163
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

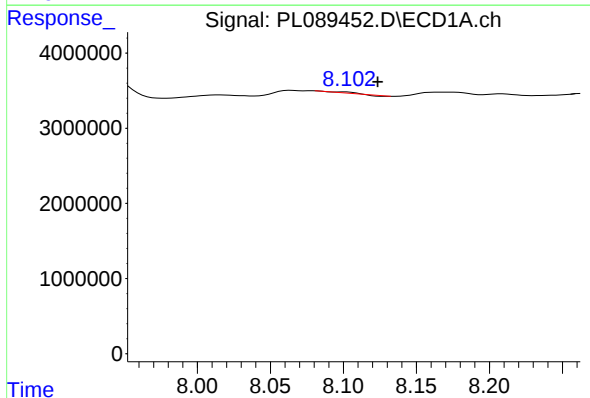
Manual Integrations
APPROVED

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



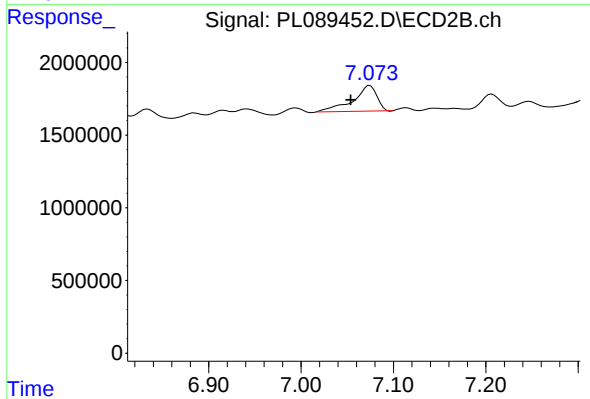
#21 Endrin ketone

R.T.: 6.885 min
Delta R.T.: 0.014 min
Response: -211104
Conc: N.D.



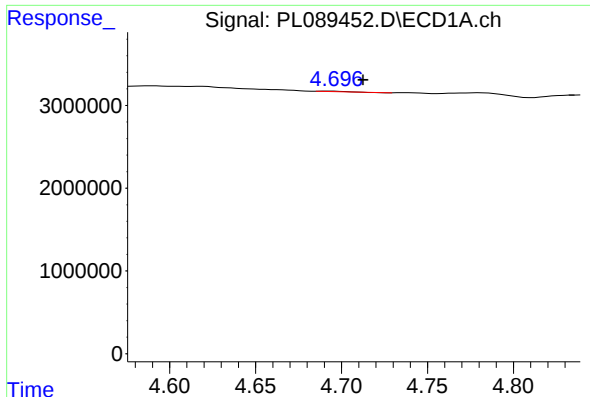
#22 Mirex

R.T.: 8.102 min
Delta R.T.: -0.022 min
Response: 101919
Conc: 0.07 ng/ml



#22 Mirex

R.T.: 7.075 min
Delta R.T.: 0.021 min
Response: 3158752
Conc: 2.32 ng/ml



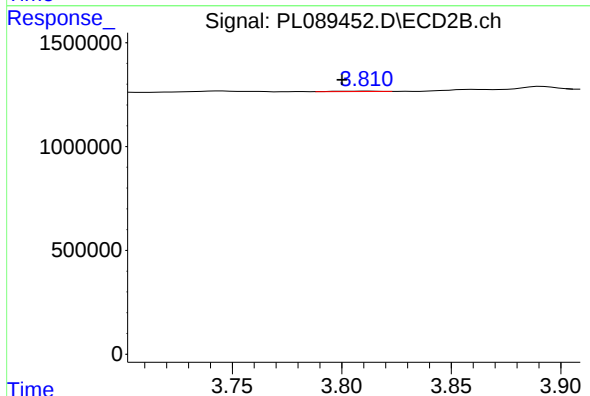
#23 Chlordane-1

R.T.: 4.691 min
Delta R.T.: -0.022 min
Response: 42625
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

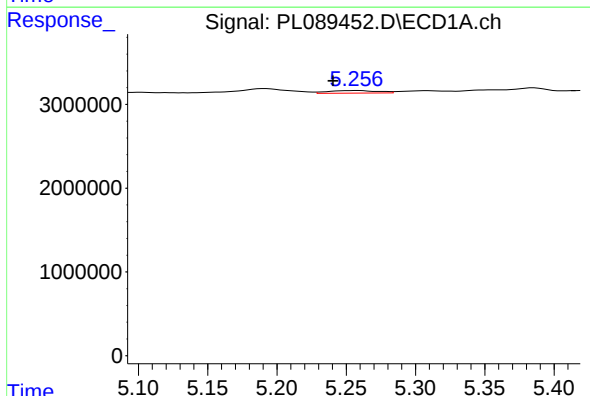
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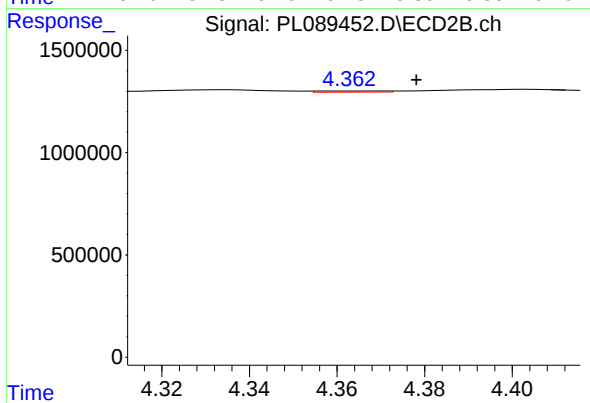
#23 Chlordane-1

R.T.: 3.812 min
Delta R.T.: 0.011 min
Response: 24562
Conc: 0.50 ng/ml



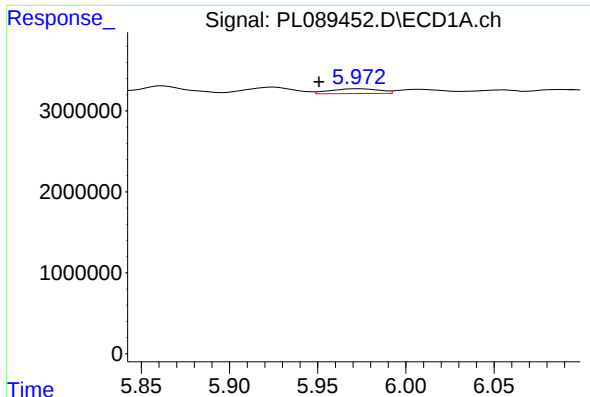
#24 Chlordane-2

R.T.: 5.258 min
Delta R.T.: 0.017 min
Response: 780723
Conc: 7.43 ng/ml



#24 Chlordane-2

R.T.: 4.366 min
Delta R.T.: -0.012 min
Response: 59589
Conc: 0.94 ng/ml



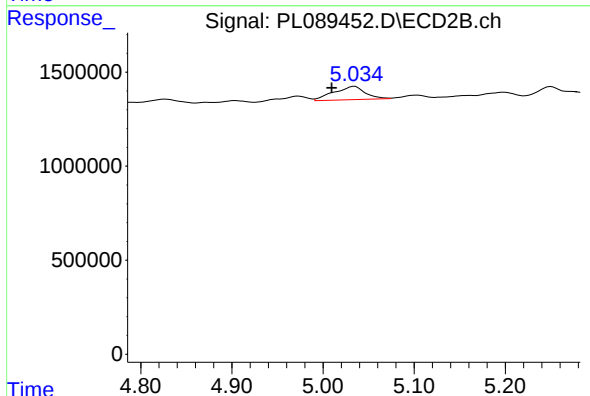
#25 Chlordane-3

R.T.: 5.973 min
Delta R.T.: 0.022 min
Response: 1164702
Conc: 3.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

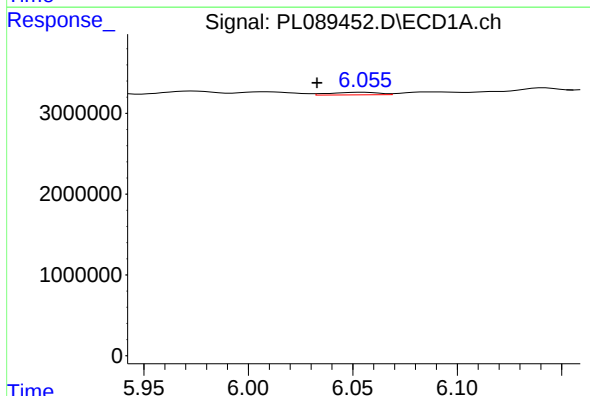
Manual Integrations
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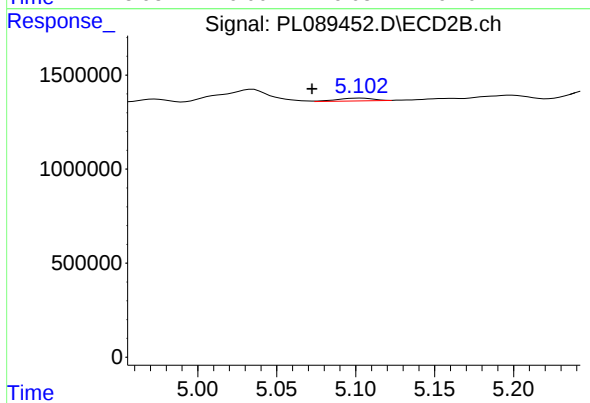
#25 Chlordane-3

R.T.: 5.035 min
Delta R.T.: 0.025 min
Response: 1688647
Conc: 9.86 ng/ml



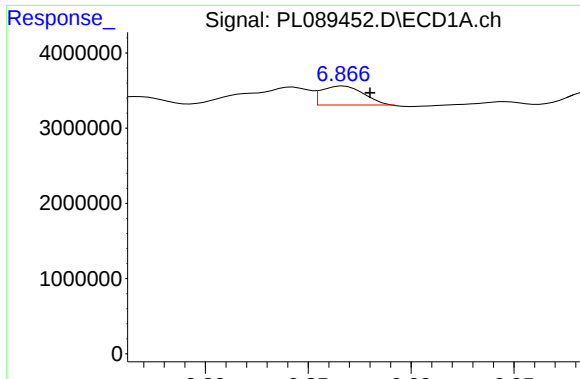
#26 Chlordane-4

R.T.: 6.056 min
Delta R.T.: 0.023 min
Response: 523140
Conc: 1.28 ng/ml



#26 Chlordane-4

R.T.: 5.103 min
Delta R.T.: 0.031 min
Response: 235573
Conc: 1.46 ng/ml



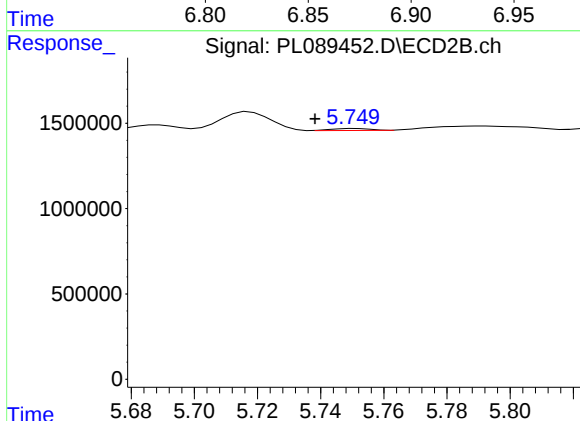
#27 Chlordane-5

R.T.: 6.867 min
Delta R.T.: -0.013 min
Response: 3592457
Conc: 43.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

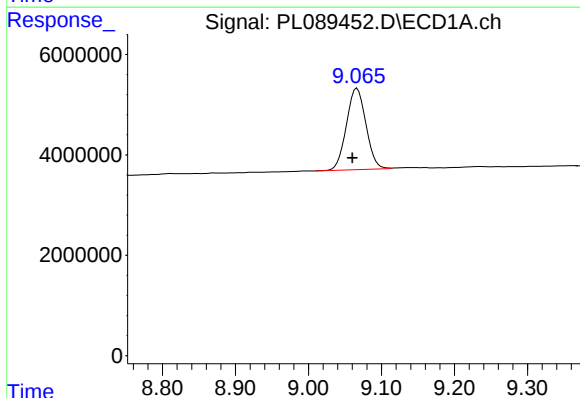
Manual Integrations
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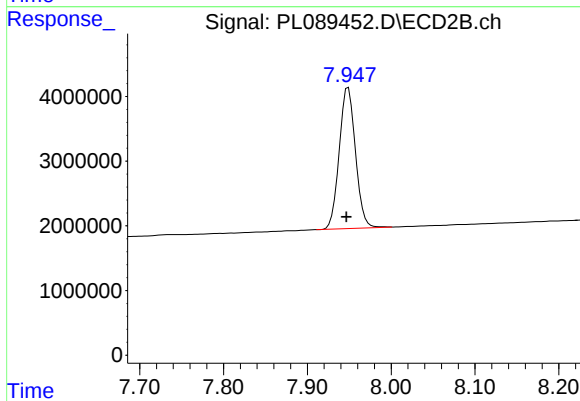
#27 Chlordane-5

R.T.: 5.751 min
Delta R.T.: 0.013 min
Response: 100054
Conc: 1.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 30084540
Conc: 21.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 29401104
Conc: 21.86 ng/ml