

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051324\
 Data File : PL089506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2024 14:34
 Operator : AR\AJ
 Sample : P2403-09
 Misc : TOX MDL 50PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/14/2024
 Supervised By :Ankita Jodhani 05/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 23:25:23 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...	3.556	2.798	38830820	25255146	19.284	19.684
28)	SA Decachlor...	9.069	7.948	27770569	26873563	19.850	19.978
Target Compounds							
2)	A alpha-BHC	4.009	3.302	126859	137646	0.044	0.073 #
3)	MA gamma-BHC...	0.000	3.628	0	22233	N.D.	0.012 #
4)	MA Heptachlor	4.917	3.961	419196	7110	0.169	0.004 #
5)	MB Aldrin	5.260	4.273f	212050	97708	0.083	0.055 #
6)	B beta-BHC	4.530	3.925	92735	39884	0.074	0.049 #
7)	B delta-BHC	4.782	4.154	588352	76371	0.222	0.042 #
8)	B Heptachlo...	5.699	4.758	799356	116682	0.341	0.072 #
9)	A Endosulfan I	6.085	5.121	173367	5768	0.081	0.004 #
10)	B gamma-Chl...	5.928f	5.035f	1288562	816865	0.564	0.498
11)	B alpha-Chl...	6.032	0.000	63294	0	0.028	N.D. #
12)	B 4,4'-DDE	6.181f	5.251	572191	406629	0.283	0.280
13)	MA Dieldrin	6.348	5.387	219784	-67925	0.098	N.D. #
14)	MA Endrin	6.563f	5.689f	796484	191491	0.420	0.133 #
15)	B Endosulfa...	6.824f	5.961	895046	376684	0.448	0.262 #
16)	A 4,4'-DDD	6.716	5.803	328383	210560	0.195	0.171
17)	MA 4,4'-DDT	0.000	6.074	0	296269	N.D.	0.219 #
18)	B Endrin al...	6.951f	6.151	-96226	202109	N.D.	0.182
19)	B Endosulfa...	7.163	6.367	2686634	56686	1.485	0.041 #
20)	A Methoxychlor	0.000	6.633	0	955619	N.D.	1.195 #
21)	B Endrin ke...	7.632f	6.891f	1076678	-180392	0.538	N.D. #
22)	Mirex	8.105f	7.075f	23413	1505403	0.015	1.103 #
23)	Chlordane-1	0.000	3.793	0	25754	N.D.	0.523 #
24)	Chlordane-2	5.260f	4.360f	212050	52647	2.018	0.828 #
25)	Chlordane-3	5.928f	5.035f	1288562	816865	3.902	4.771
26)	Chlordane-4	6.032	5.103f	63294	114214	0.155	0.710 #
27)	Chlordane-5	6.871	5.749	1485243	141479	17.847	2.764 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051324\
Data File : PL089506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2024 14:34
Operator : AR\AJ
Sample : P2403-09
Misc : TOX MDL 50PPB
ALS Vial : 12 Sample Multiplier: 1

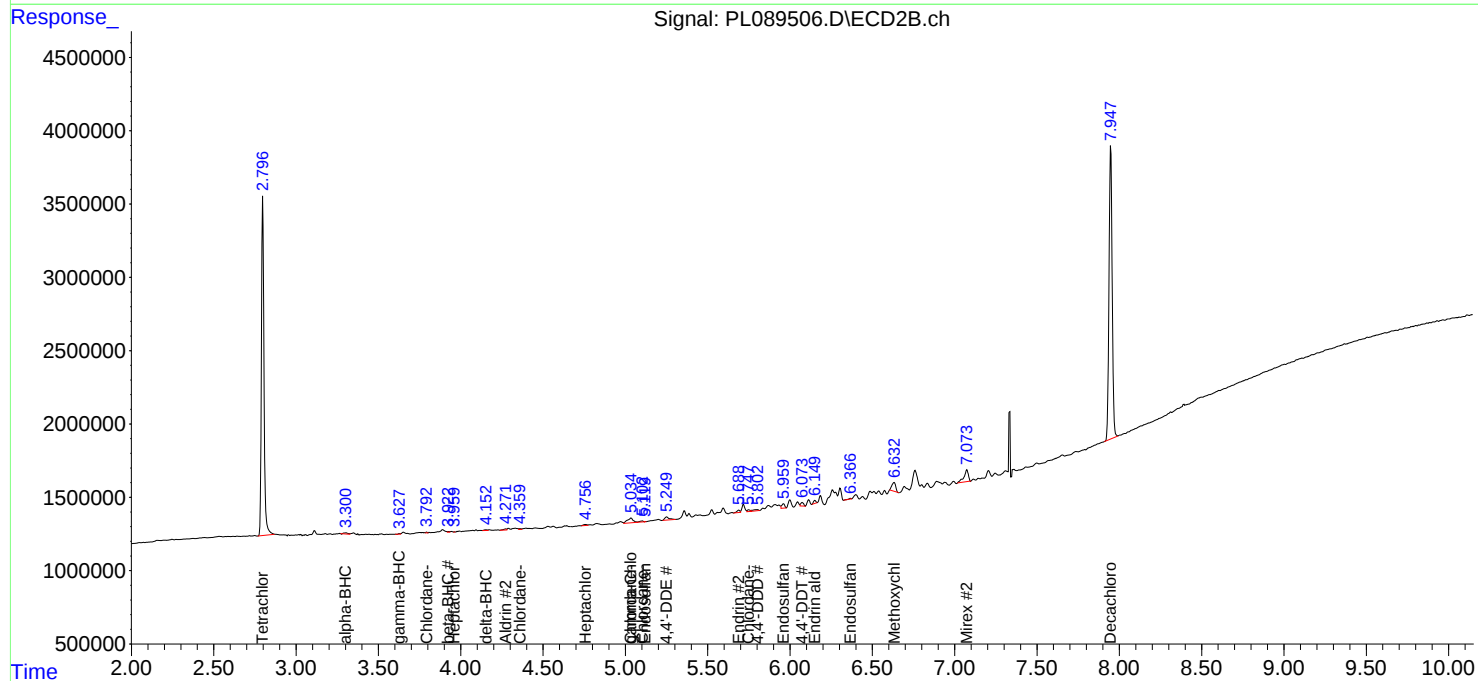
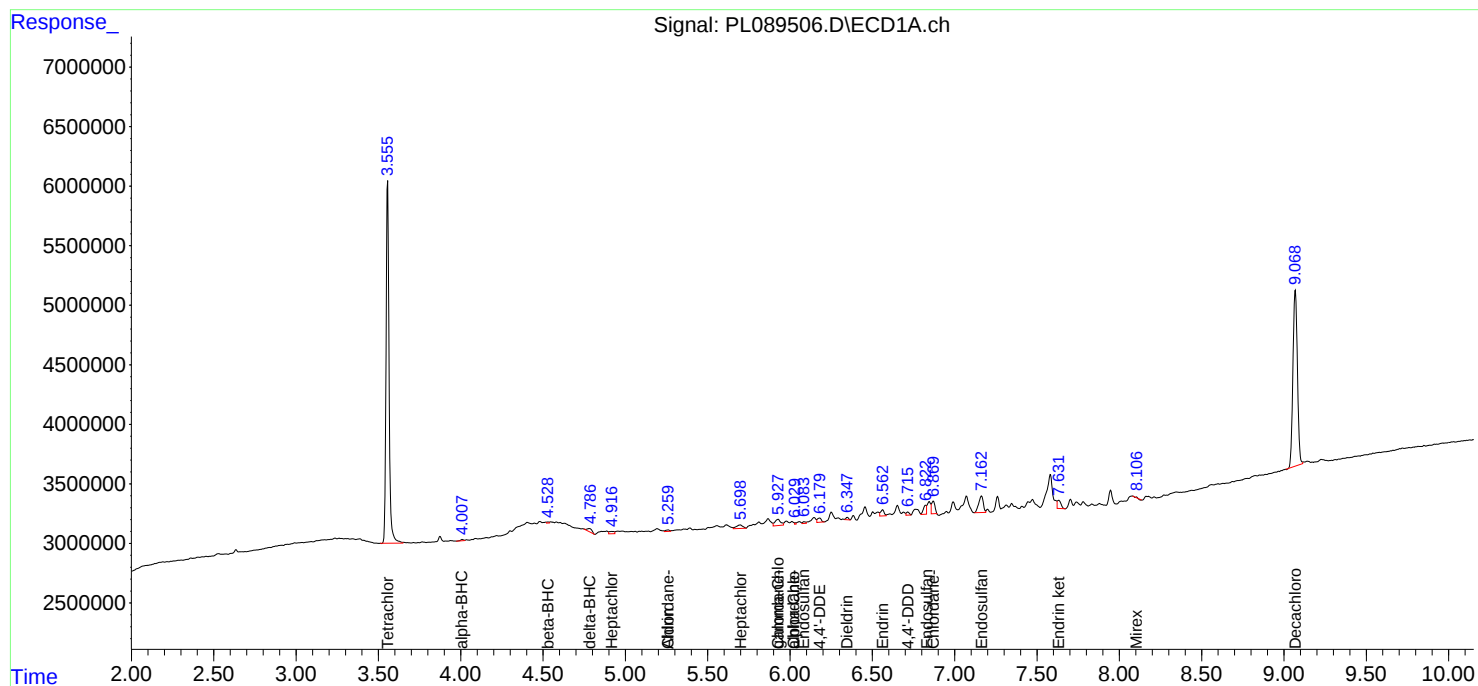
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

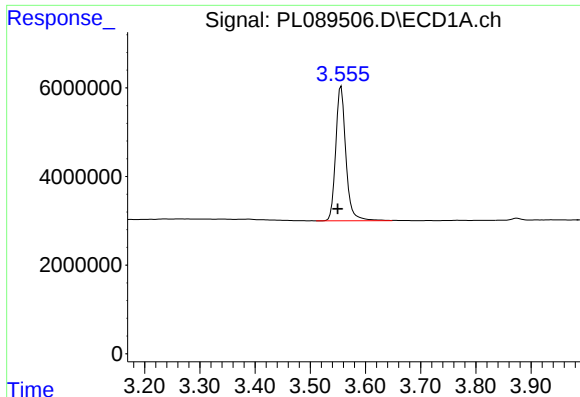
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 23:25:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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 x0.5µm





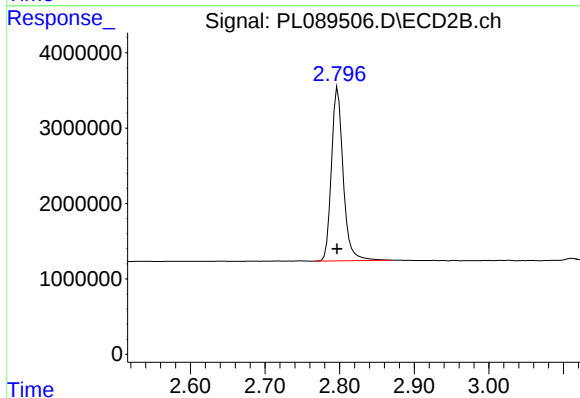
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.006 min
Response: 38830820
Conc: 19.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

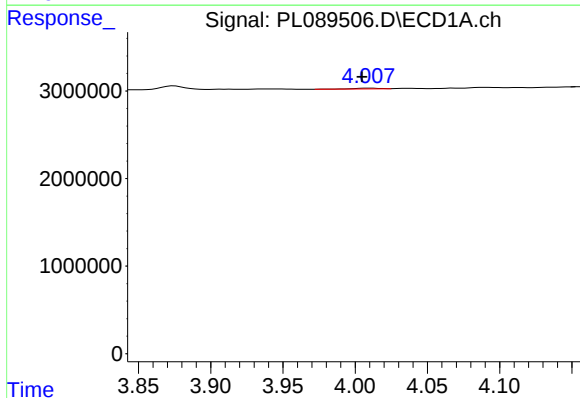
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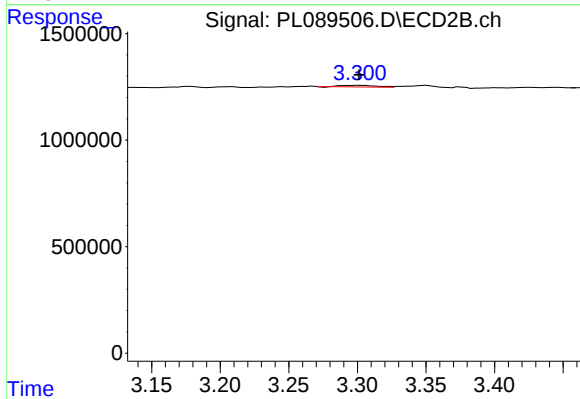
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.001 min
Response: 25255146
Conc: 19.68 ng/ml



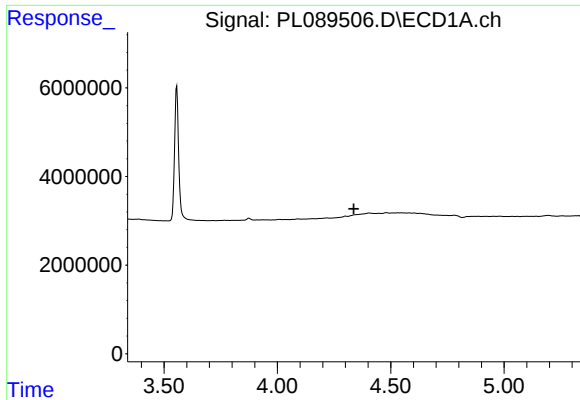
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.004 min
Response: 126859
Conc: 0.04 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 137646
Conc: 0.07 ng/ml



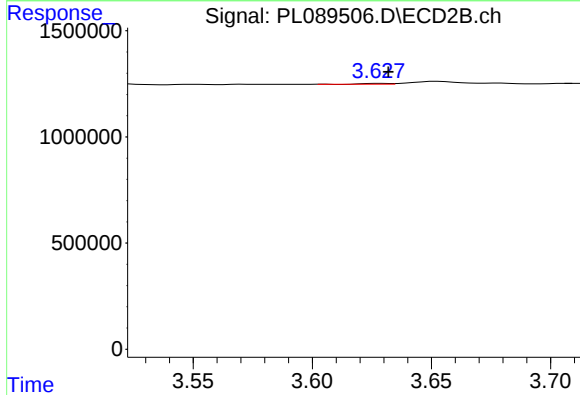
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.337 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

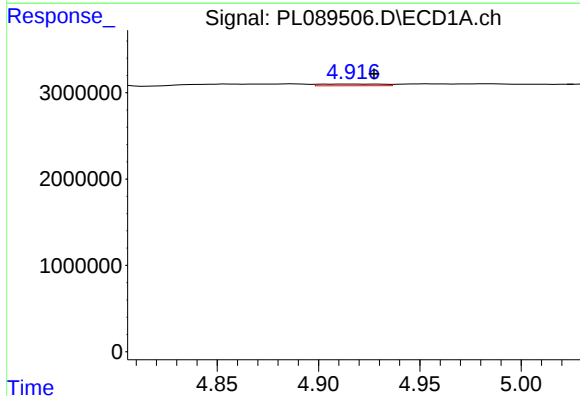
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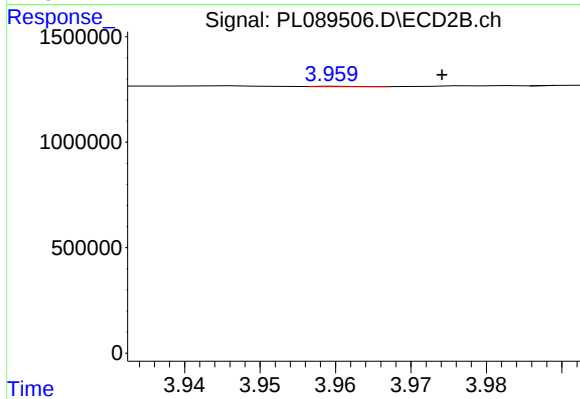
#3 gamma-BHC (Lindane)

R.T.: 3.628 min
Delta R.T.: -0.004 min
Response: 22233
Conc: 0.01 ng/ml



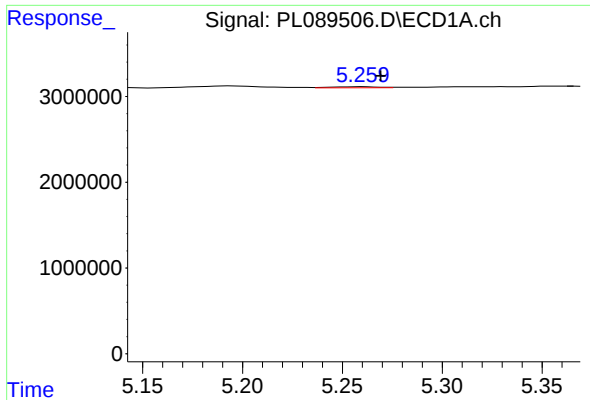
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.010 min
Response: 419196
Conc: 0.17 ng/ml



#4 Heptachlor

R.T.: 3.961 min
Delta R.T.: -0.013 min
Response: 7110
Conc: 0.00 ng/ml



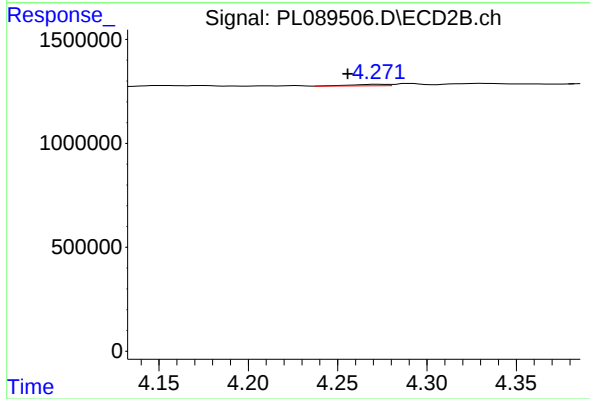
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.009 min
Response: 212050
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

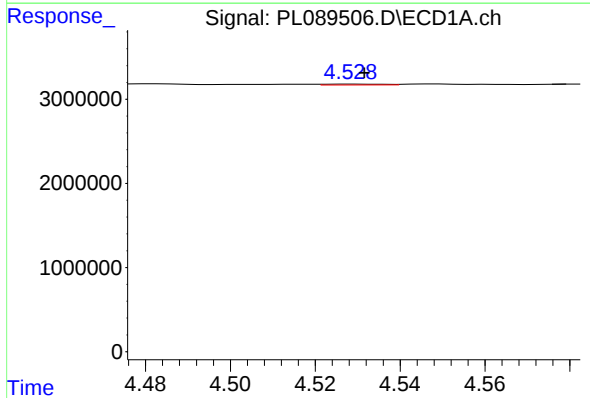
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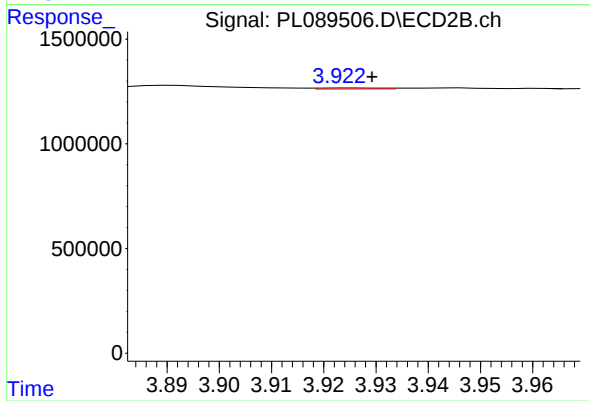
#5 Aldrin

R.T.: 4.273 min
Delta R.T.: 0.017 min
Response: 97708
Conc: 0.06 ng/ml



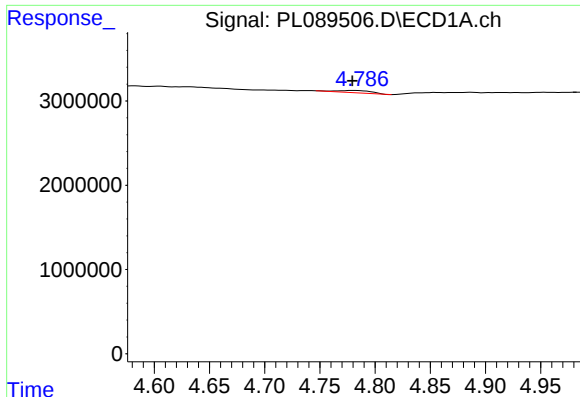
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: -0.002 min
Response: 92735
Conc: 0.07 ng/ml



#6 beta-BHC

R.T.: 3.925 min
Delta R.T.: -0.004 min
Response: 39884
Conc: 0.05 ng/ml



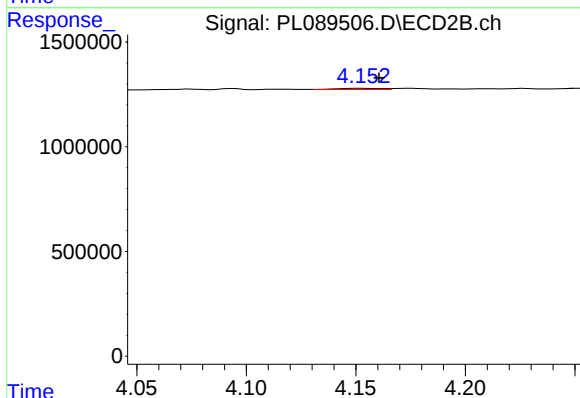
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.002 min
Response: 588352
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

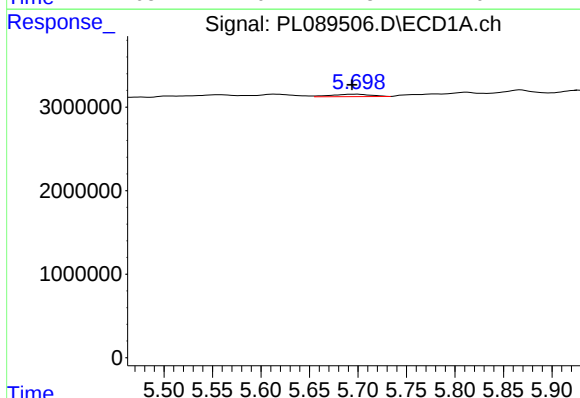
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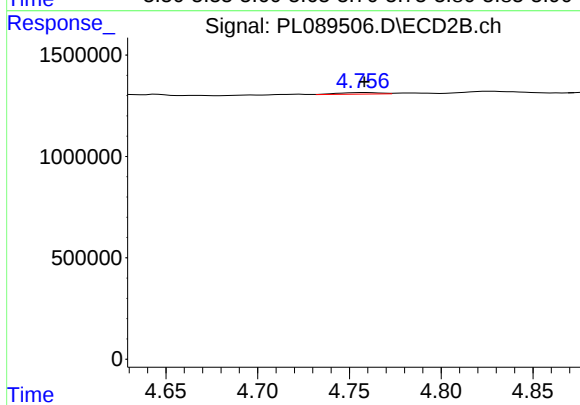
#7 delta-BHC

R.T.: 4.154 min
Delta R.T.: -0.007 min
Response: 76371
Conc: 0.04 ng/ml



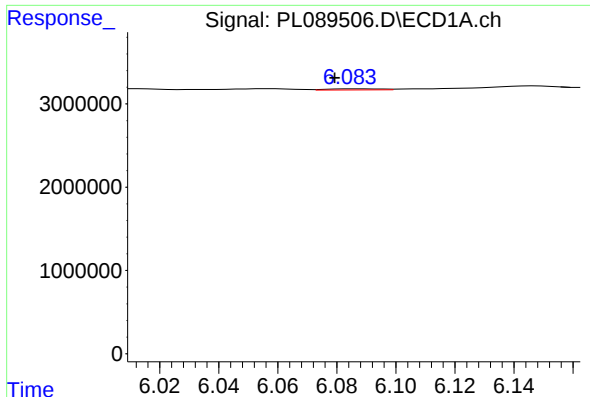
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.005 min
Response: 799356
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 116682
Conc: 0.07 ng/ml



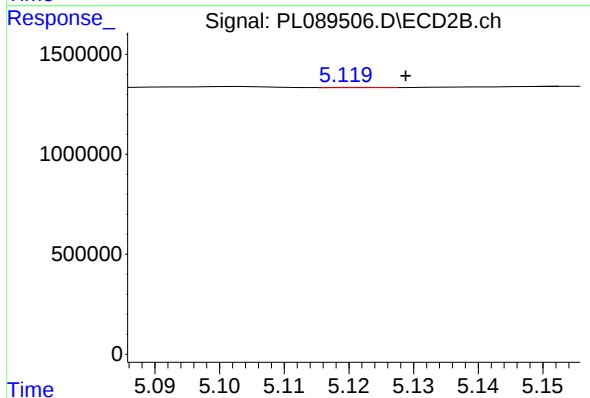
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.006 min
Response: 173367
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

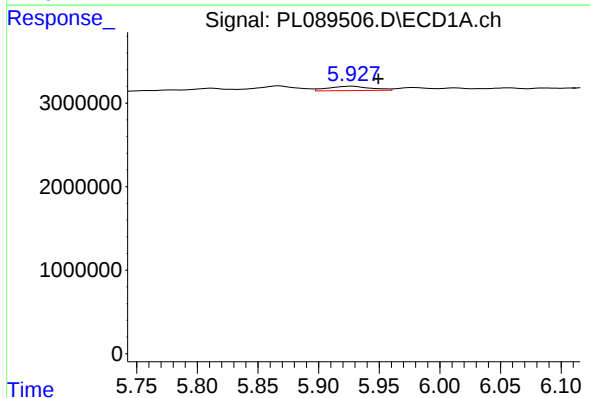
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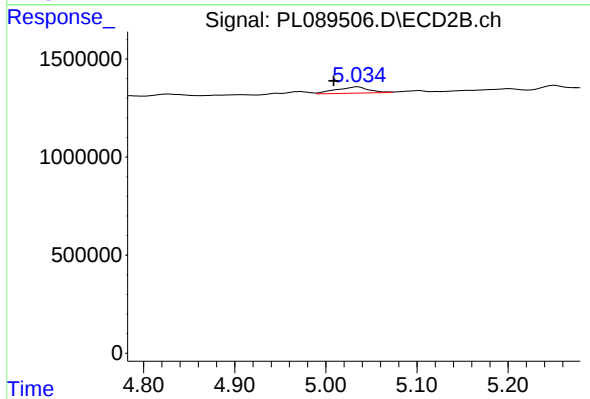
#9 Endosulfan I

R.T.: 5.121 min
Delta R.T.: -0.007 min
Response: 5768
Conc: 0.00 ng/ml



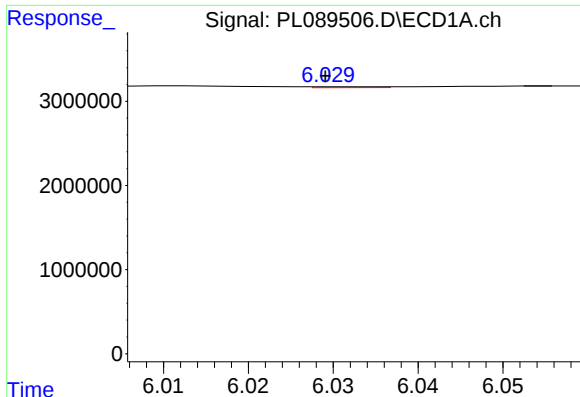
#10 gamma-Chlordane

R.T.: 5.928 min
Delta R.T.: -0.021 min
Response: 1288562
Conc: 0.56 ng/ml



#10 gamma-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.026 min
Response: 816865
Conc: 0.50 ng/ml



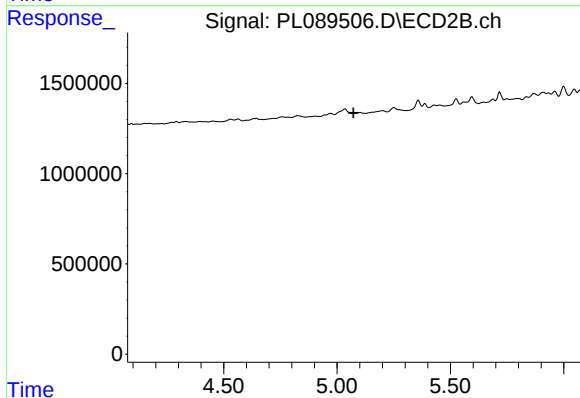
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 63294
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

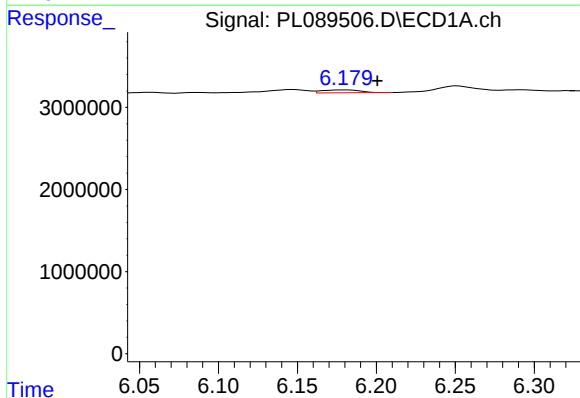
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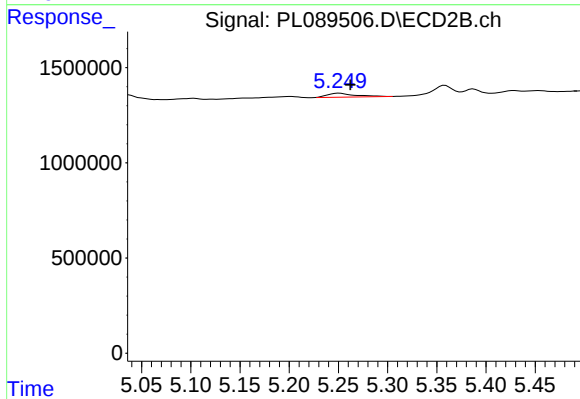
#11 alpha-Chlordane

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



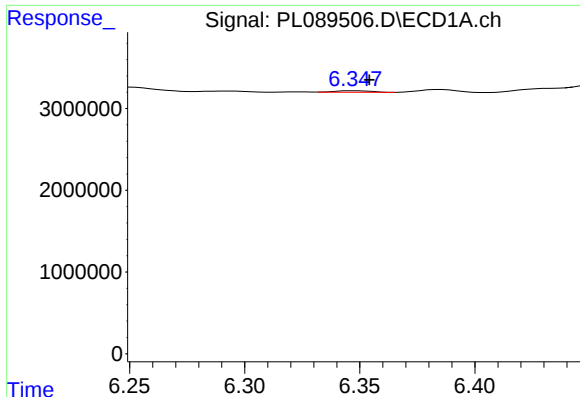
#12 4,4'-DDE

R.T.: 6.181 min
Delta R.T.: -0.019 min
Response: 572191
Conc: 0.28 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: -0.011 min
Response: 406629
Conc: 0.28 ng/ml



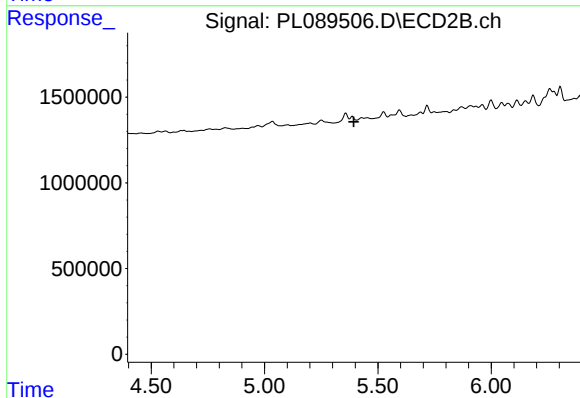
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.006 min
Response: 219784
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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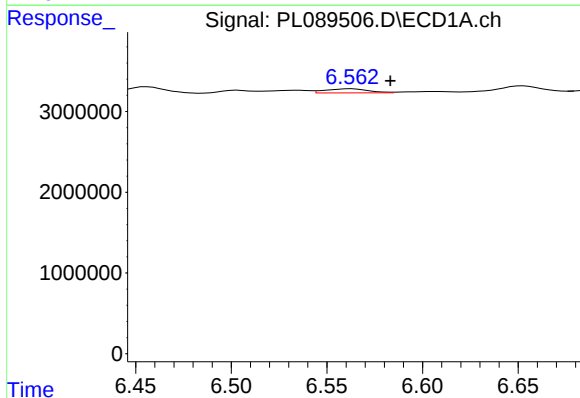
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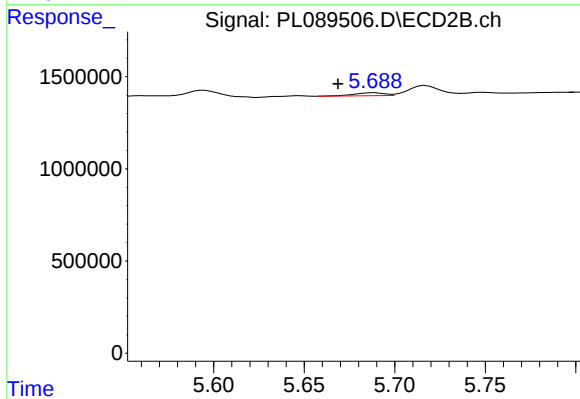
#13 Dieldrin

R.T.: 5.387 min
Delta R.T.: -0.007 min
Response: -67925
Conc: N.D.



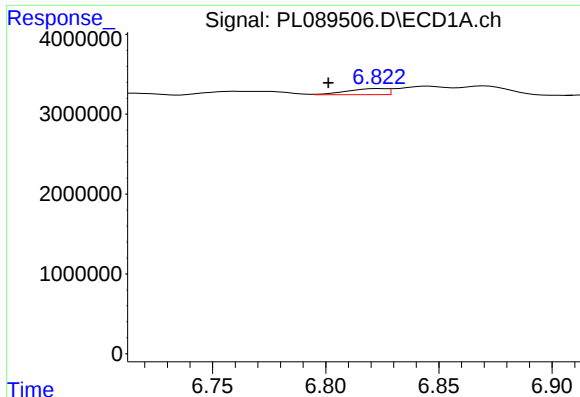
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.020 min
Response: 796484
Conc: 0.42 ng/ml



#14 Endrin

R.T.: 5.689 min
Delta R.T.: 0.020 min
Response: 191491
Conc: 0.13 ng/ml



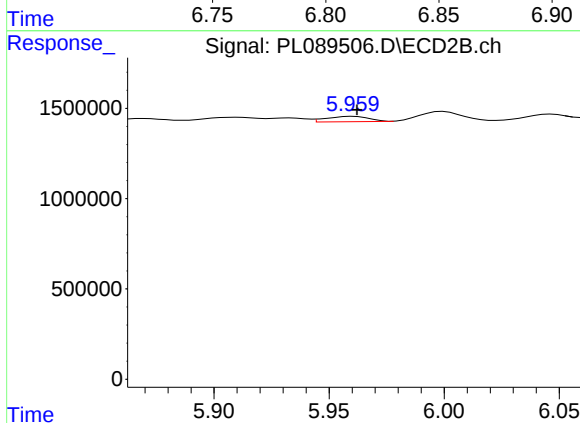
#15 Endosulfan II

R.T.: 6.824 min
Delta R.T.: 0.023 min
Response: 895046
Conc: 0.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
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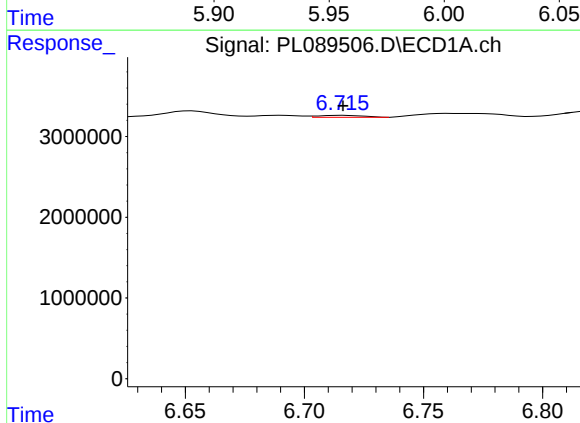
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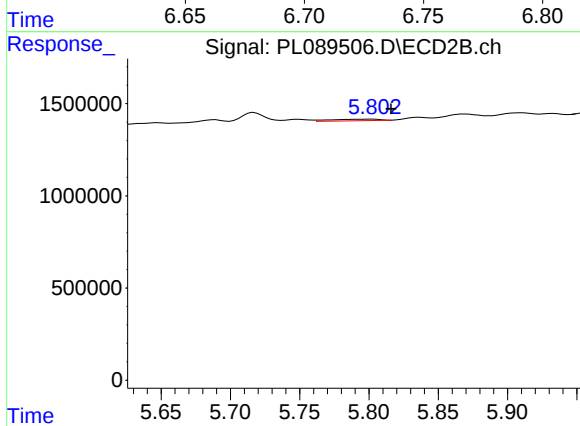
#15 Endosulfan II

R.T.: 5.961 min
Delta R.T.: -0.001 min
Response: 376684
Conc: 0.26 ng/ml



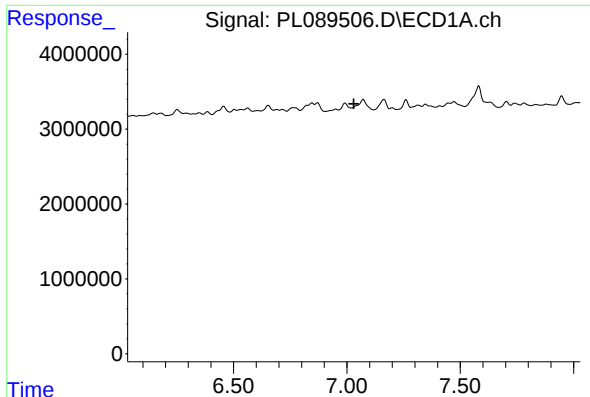
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 328383
Conc: 0.19 ng/ml



#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.013 min
Response: 210560
Conc: 0.17 ng/ml



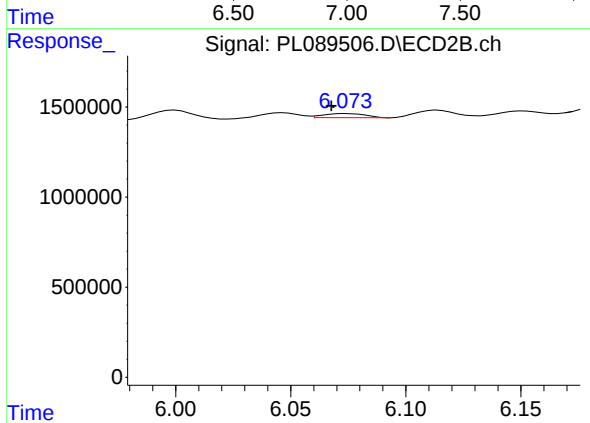
#17 4,4'-DDT

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

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

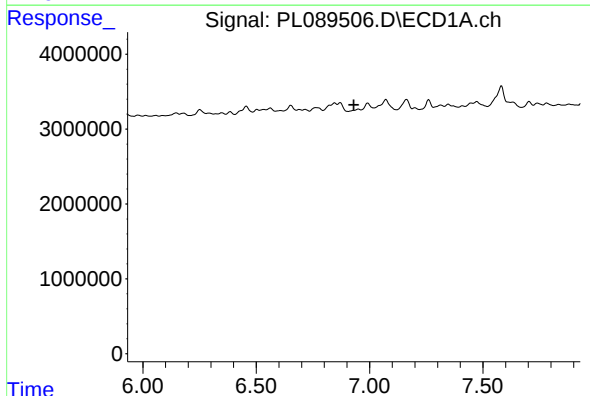
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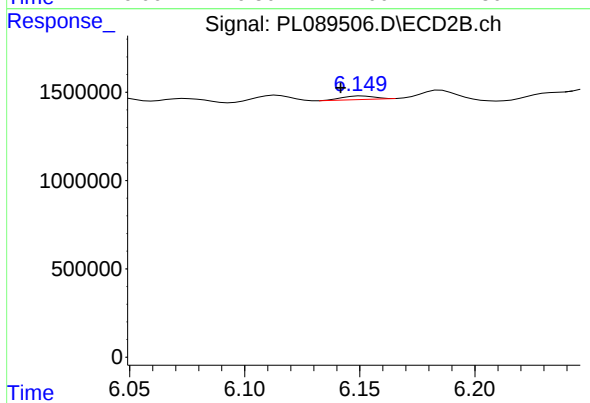
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: 0.006 min
Response: 296269
Conc: 0.22 ng/ml



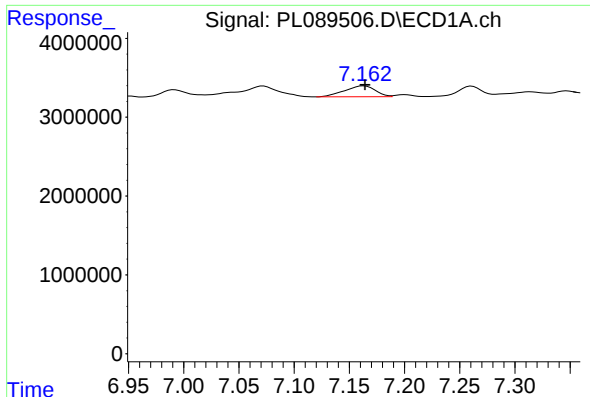
#18 Endrin aldehyde

R.T.: 6.951 min
Delta R.T.: 0.020 min
Response: -96226
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.151 min
Delta R.T.: 0.010 min
Response: 202109
Conc: 0.18 ng/ml



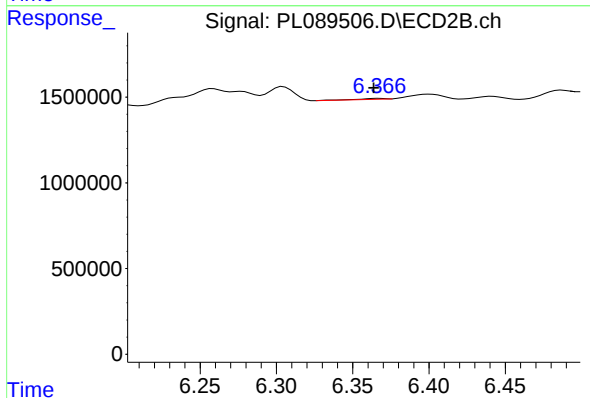
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 2686634
Conc: 1.49 ng/ml

Instrument :
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ClientSampleId :
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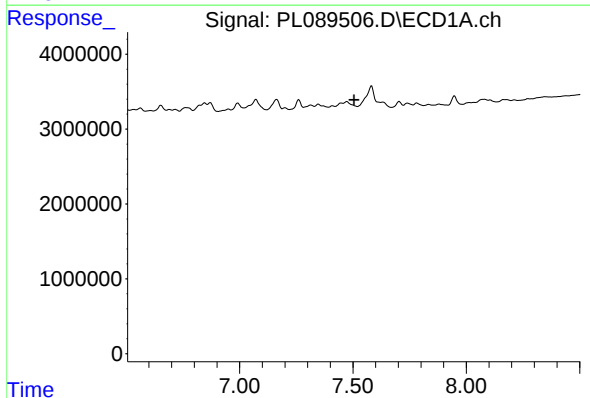
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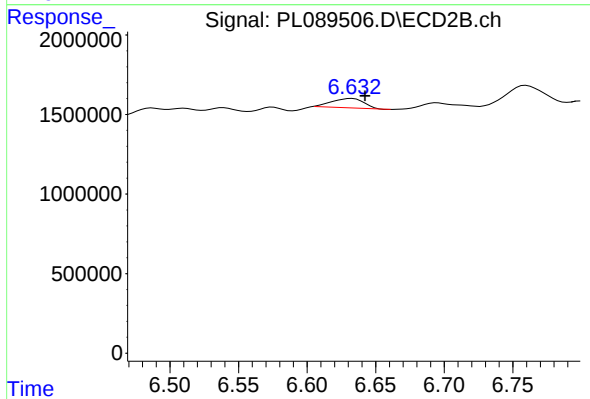
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.003 min
Response: 56686
Conc: 0.04 ng/ml



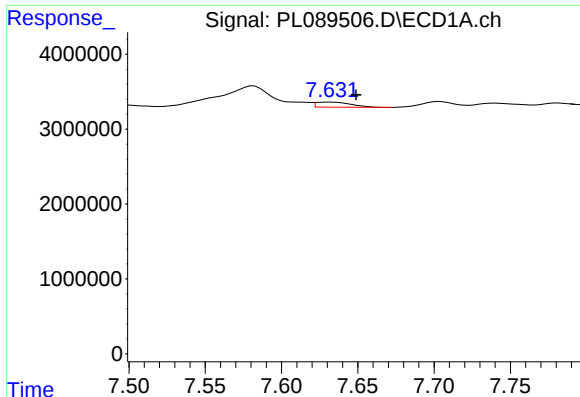
#20 Methoxychlor

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: 955619
Conc: 1.20 ng/ml



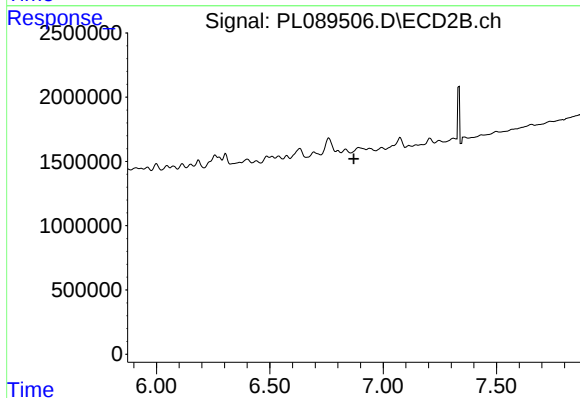
#21 Endrin ketone

R.T.: 7.632 min
Delta R.T.: -0.016 min
Response: 1076678
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

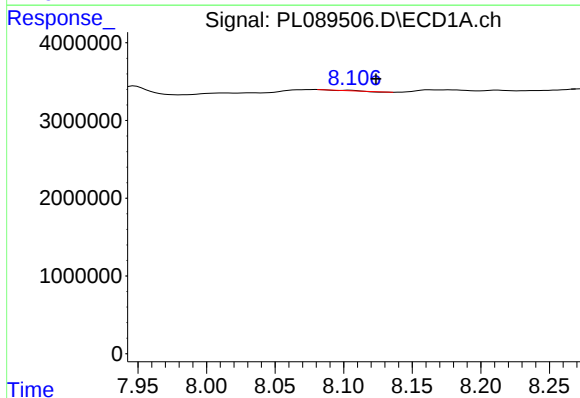
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/14/2024
Supervised By :Ankita Jodhani 05/14/2024



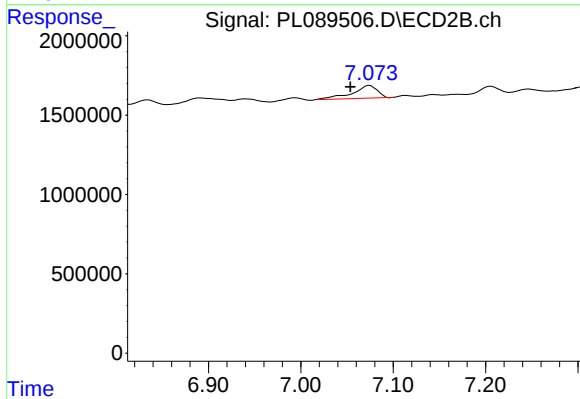
#21 Endrin ketone

R.T.: 6.891 min
Delta R.T.: 0.021 min
Response: -180392
Conc: N.D.



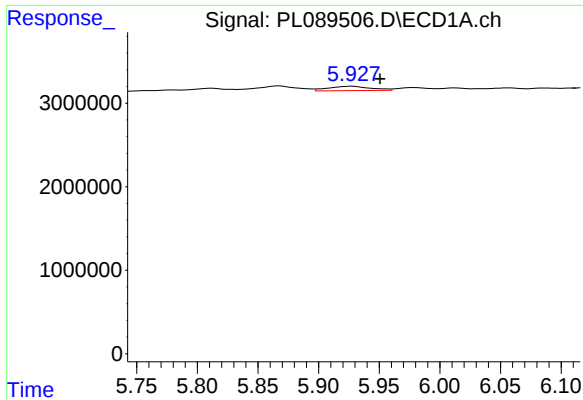
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.019 min
Response: 23413
Conc: 0.02 ng/ml



#22 Mirex

R.T.: 7.075 min
Delta R.T.: 0.021 min
Response: 1505403
Conc: 1.10 ng/ml



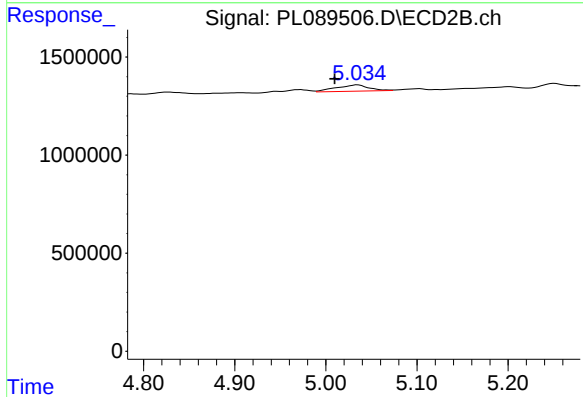
#25 Chlordane-3

R.T.: 5.928 min
Delta R.T.: -0.023 min
Response: 1288562
Conc: 3.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

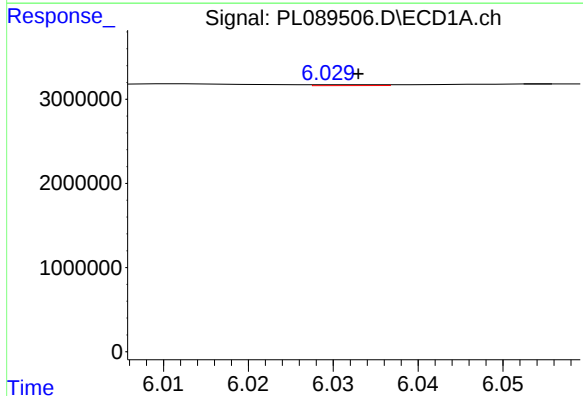
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/14/2024
Supervised By :Ankita Jodhani 05/14/2024



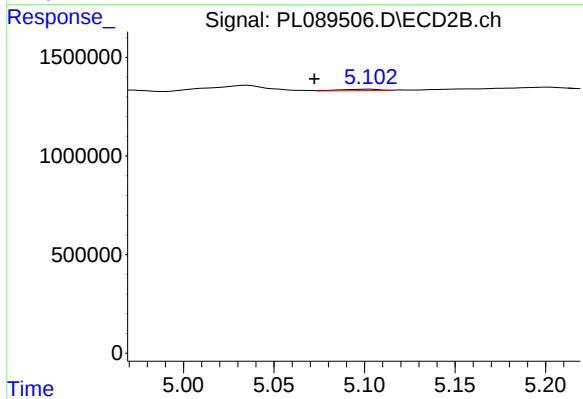
#25 Chlordane-3

R.T.: 5.035 min
Delta R.T.: 0.025 min
Response: 816865
Conc: 4.77 ng/ml



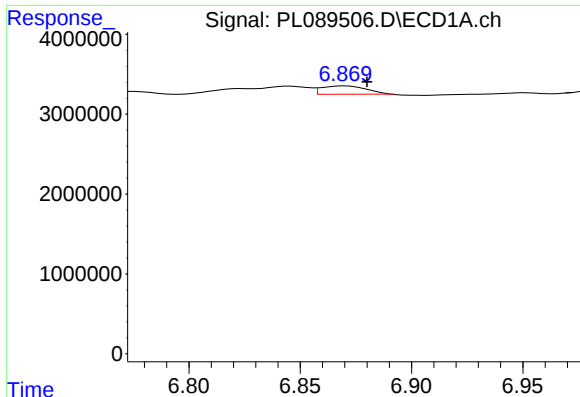
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 63294
Conc: 0.16 ng/ml



#26 Chlordane-4

R.T.: 5.103 min
Delta R.T.: 0.031 min
Response: 114214
Conc: 0.71 ng/ml



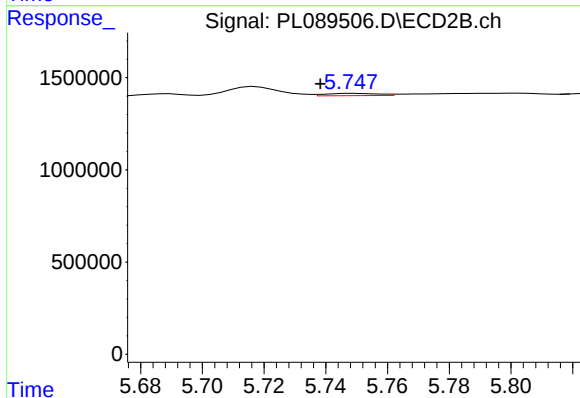
#27 Chlordane-5

R.T.: 6.871 min
Delta R.T.: -0.009 min
Response: 1485243
Conc: 17.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2024

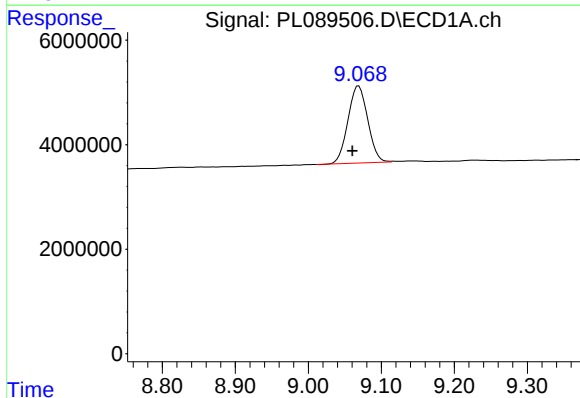
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/14/2024
Supervised By :Ankita Jodhani 05/14/2024



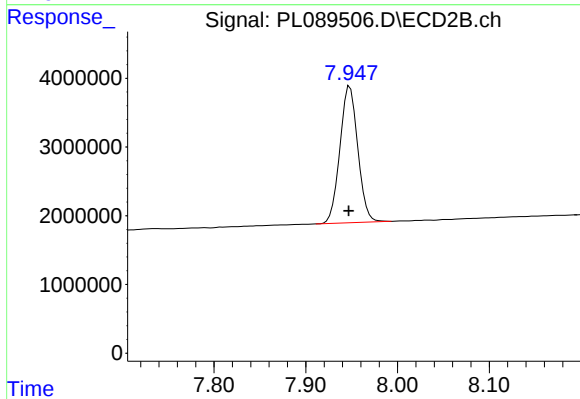
#27 Chlordane-5

R.T.: 5.749 min
Delta R.T.: 0.011 min
Response: 141479
Conc: 2.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.009 min
Response: 27770569
Conc: 19.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 26873563
Conc: 19.98 ng/ml