

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080724\
 Data File : PL090845.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2024 13:30
 Operator : AR\AJ
 Sample : P3390-09
 Misc : TOX MDL 50PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Manual Integrations
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Reviewed By :Abdul Mirza 08/08/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 01:25:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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

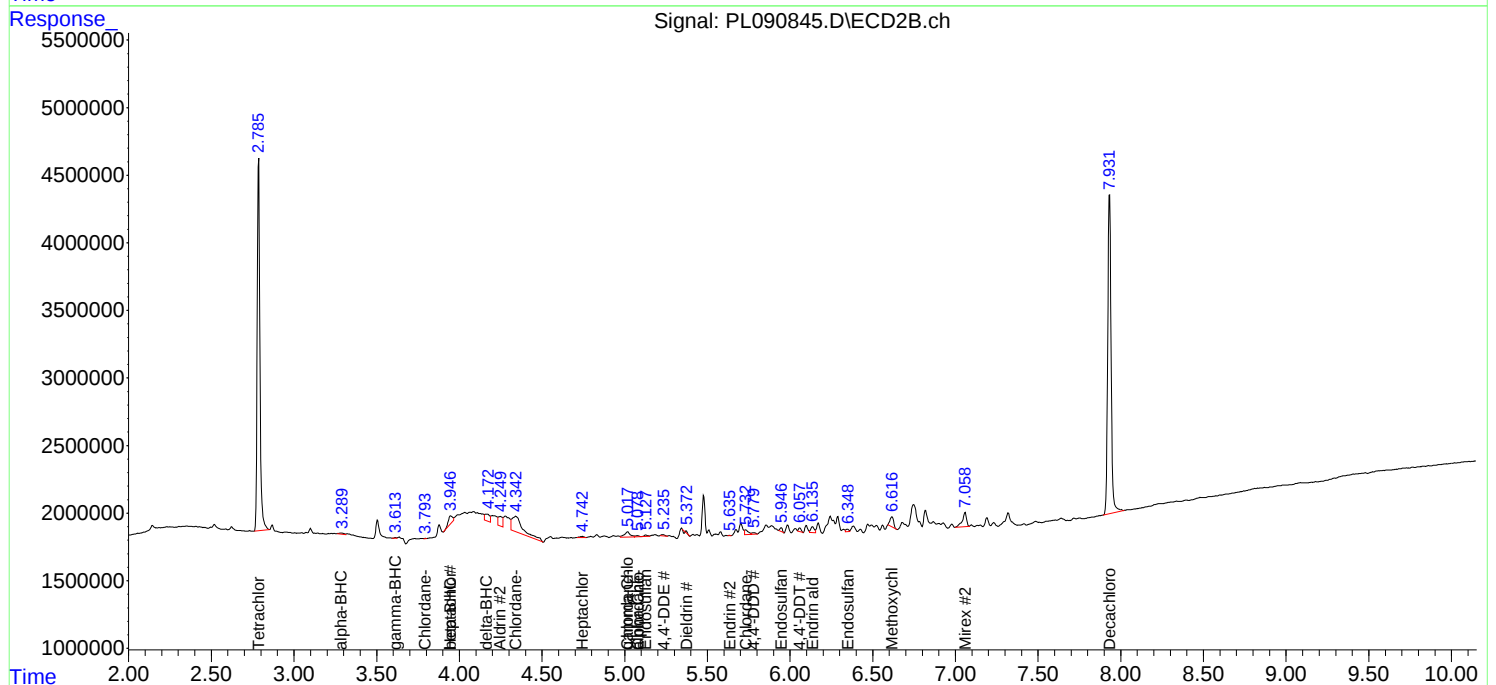
System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.786	38573947	31576221	19.922	18.265
28)	SA Decachlor...	9.065	7.932	30440310	33670524	21.187	20.172
Target Compounds							
2)	A alpha-BHC	0.000	3.285	0	175608	N.D.	0.071 #
3)	MA gamma-BHC...	0.000	3.614	0	52937	N.D.	0.023 #
4)	MA Heptachlor	4.920	3.948	31754750	970615	12.840	0.419 #
5)	MB Aldrin	0.000	4.249	0	1281650	N.D.	0.578 #
6)	B beta-BHC	0.000	3.948f	0	970615	N.D.	0.913 #
7)	B delta-BHC	0.000	4.162	0	1047633	N.D.	0.469 #
8)	B Heptachlo...	0.000	4.743	0	142297	N.D.	0.070 #
9)	A Endosulfan I	0.000	5.128	0	166136	N.D.	0.086 #
10)	B gamma-Chl...	5.920f	5.019f	845590	926783	0.374	0.434
11)	B alpha-Chl...	0.000	5.079f	0	132545	N.D.	0.062 #
12)	B 4,4'-DDE	0.000	5.235	0	150550	N.D.	0.080 #
13)	MA Dieldrin	0.000	5.372	0	17645	N.D.	0.009 #
14)	MA Endrin	0.000	5.636f	0	12262	N.D.	0.007 #
15)	B Endosulfa...	0.000	5.947	0	299202	N.D.	0.165 #
16)	A 4,4'-DDD	0.000	5.775f	0	188563	N.D.	0.122 #
17)	MA 4,4'-DDT	0.000	6.059	0	331470	N.D.	0.200 #
18)	B Endrin al...	0.000	6.136	0	630725	N.D.	0.445 #
19)	B Endosulfa...	7.159	6.349	2765312	248621	1.542	0.142 #
20)	A Methoxychlor	0.000	6.617	0	1139734	N.D.	1.235 #
22)	Mirex	0.000	7.059f	0	1826055	N.D.	1.087 #
23)	Chlordane-1	0.000	3.795	0	12500	N.D.	0.185 #
24)	Chlordane-2	0.000	4.342f	0	5406551	N.D.	65.003 #
25)	Chlordane-3	5.920f	5.019f	845590	926783	2.571	4.139 #
26)	Chlordane-4	0.000	5.079f	0	132545	N.D.	0.619 #
27)	Chlordane-5	0.000	5.733	0	563541	N.D.	8.432 #

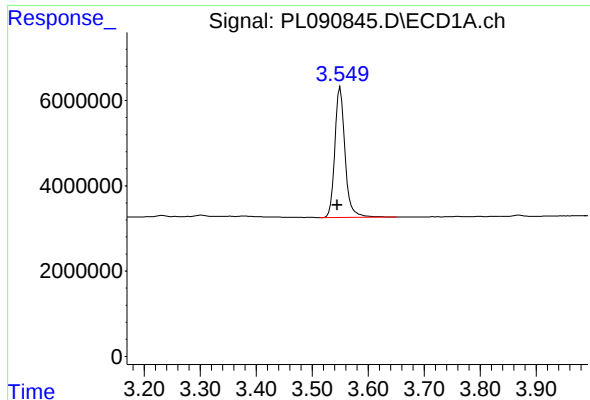
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_L
ClientSampleId :
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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





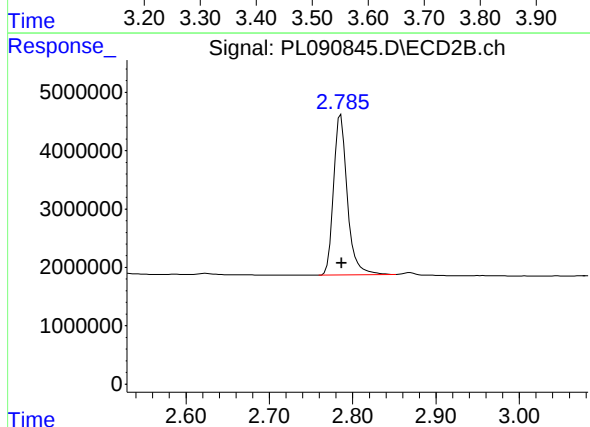
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.005 min
Response: 38573947
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
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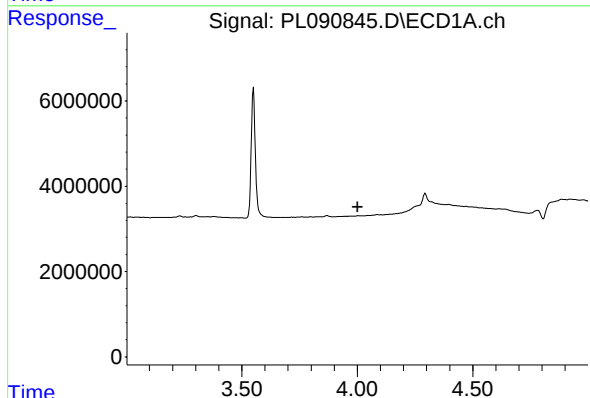
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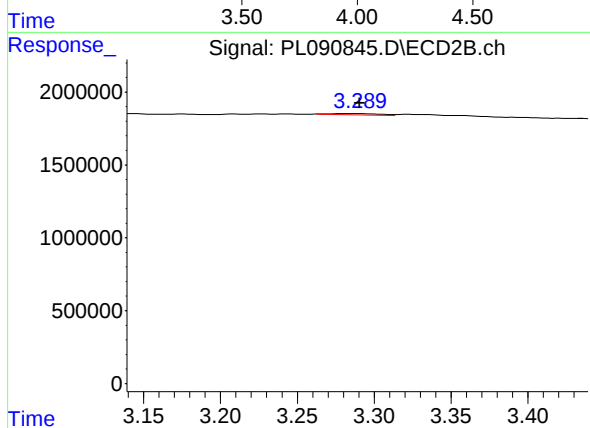
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 31576221
Conc: 18.26 ng/ml



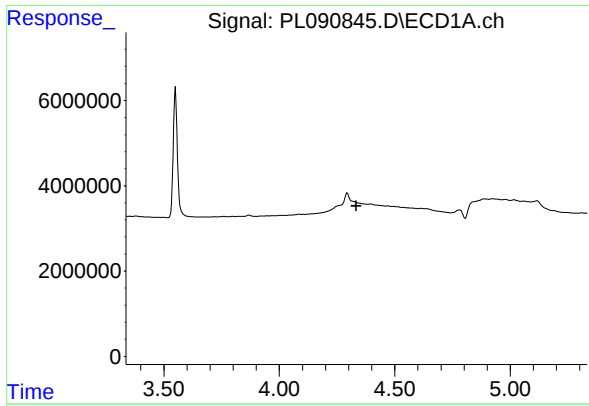
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: -0.005 min
Response: 175608
Conc: 0.07 ng/ml



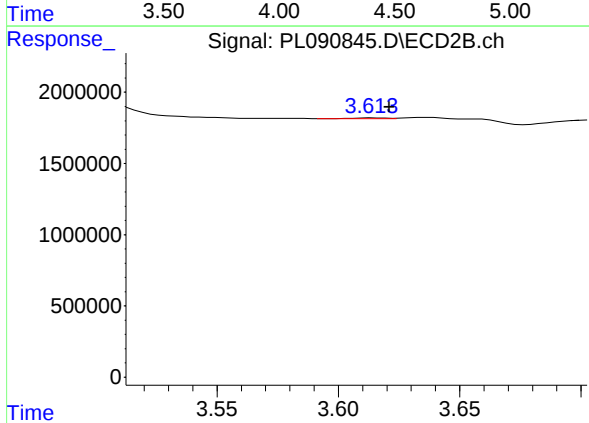
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.333 min
Response: 0
Conc: N.D.

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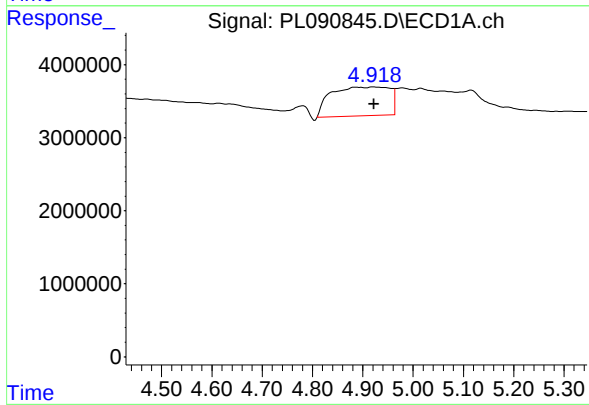
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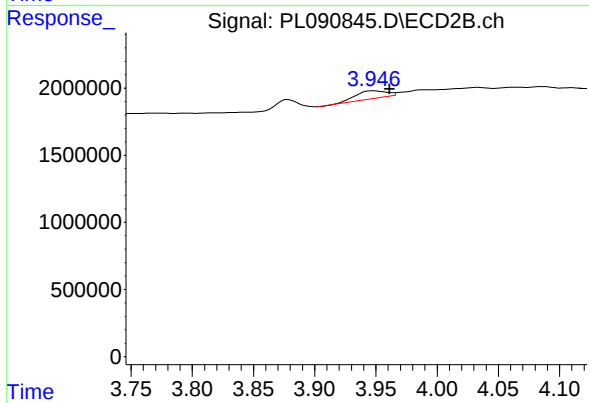
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.007 min
Response: 52937
Conc: 0.02 ng/ml



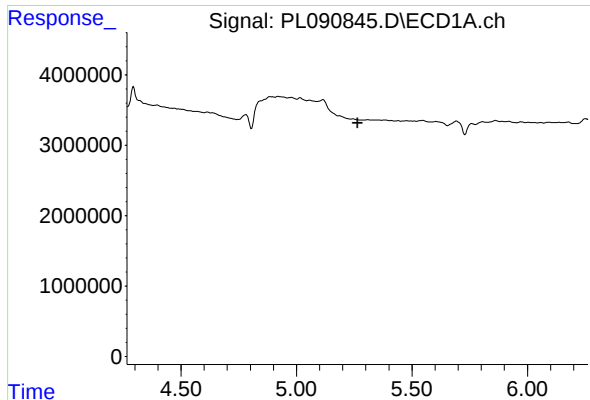
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.002 min
Response: 31754750
Conc: 12.84 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: -0.014 min
Response: 970615
Conc: 0.42 ng/ml



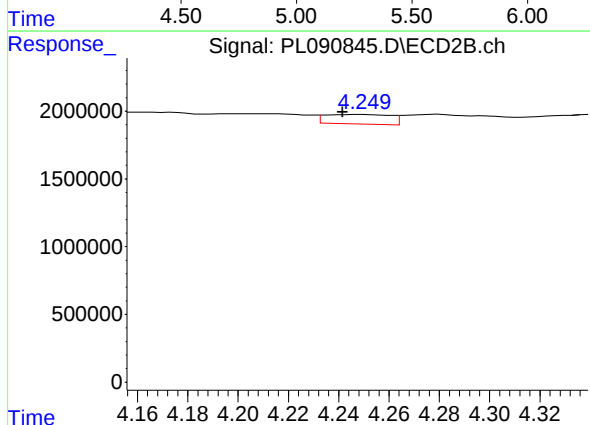
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
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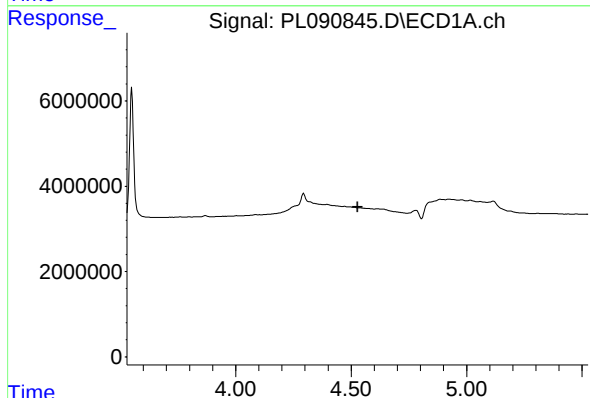
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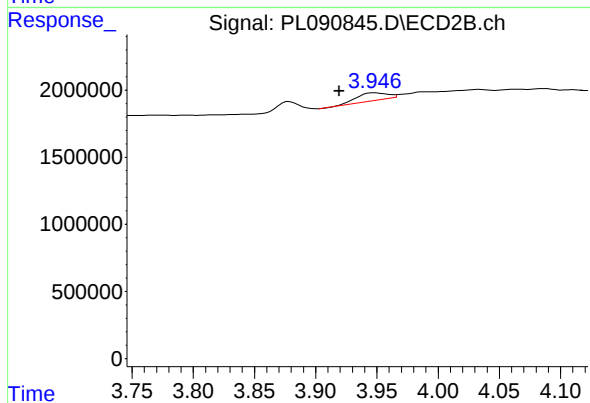
#5 Aldrin

R.T.: 4.249 min
Delta R.T.: 0.007 min
Response: 1281650
Conc: 0.58 ng/ml



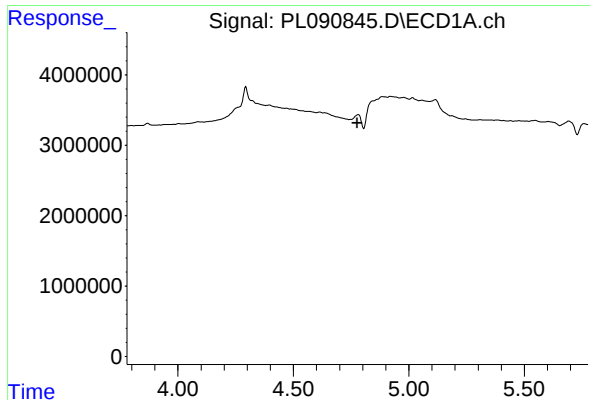
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.529 min
Response: 0
Conc: N.D.



#6 beta-BHC

R.T.: 3.948 min
Delta R.T.: 0.029 min
Response: 970615
Conc: 0.91 ng/ml



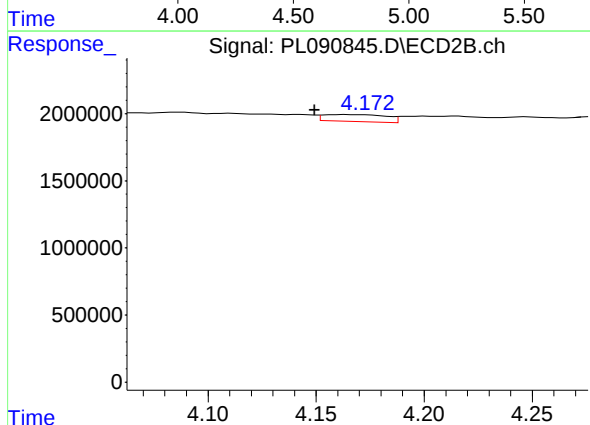
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

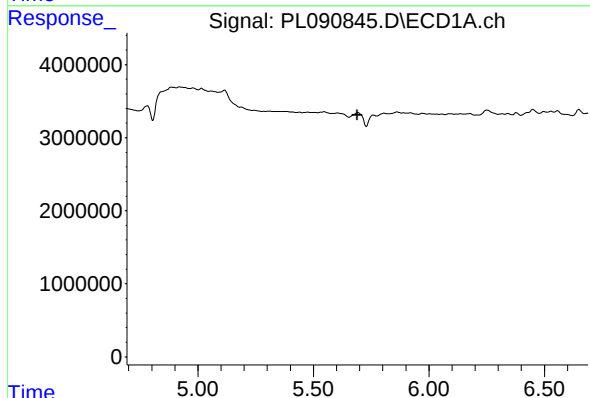
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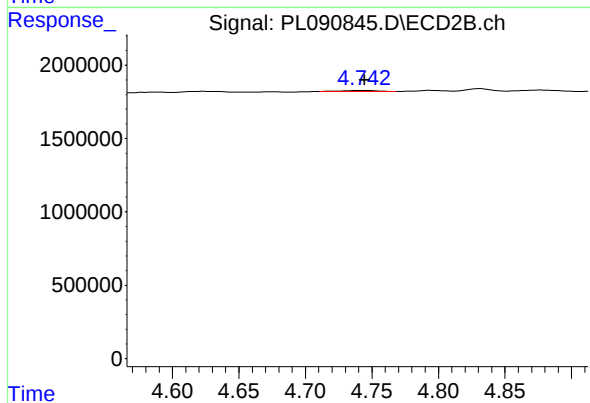
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.013 min
Response: 1047633
Conc: 0.47 ng/ml



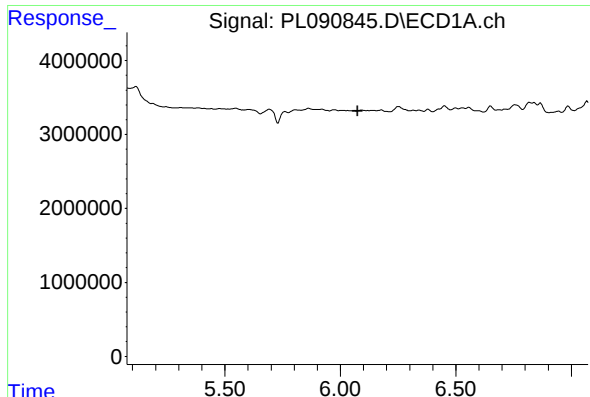
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.690 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 142297
Conc: 0.07 ng/ml



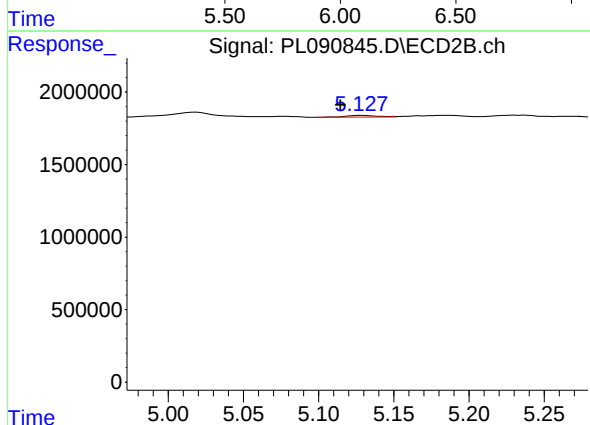
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 6.075 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

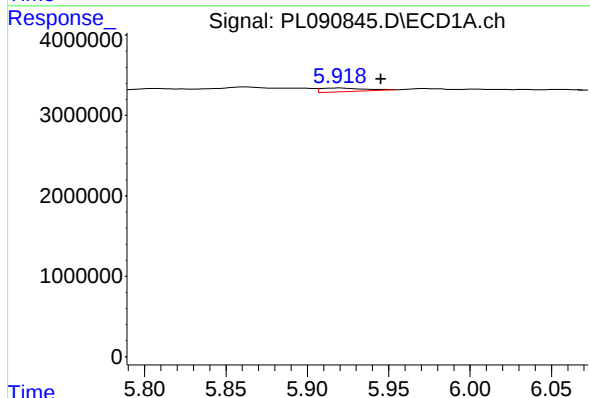
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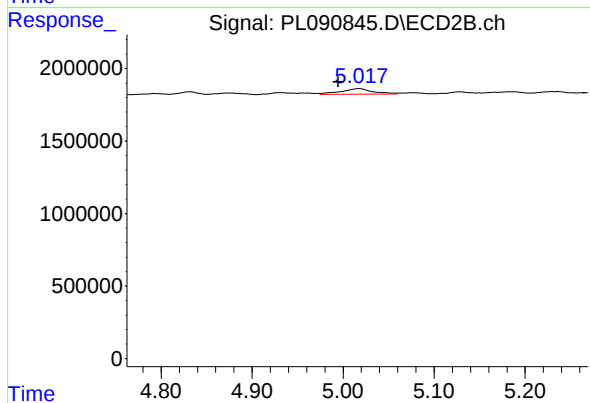
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: 0.014 min
Response: 166136
Conc: 0.09 ng/ml



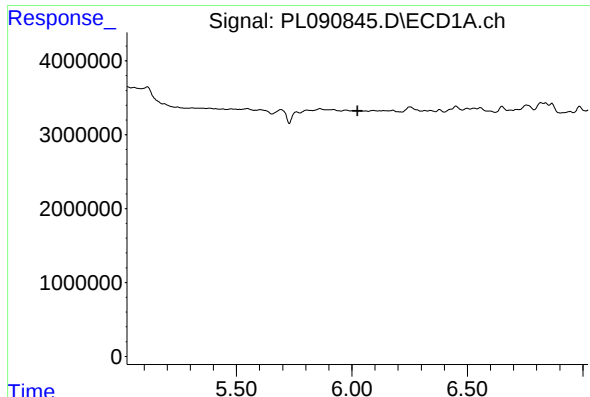
#10 gamma-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.025 min
Response: 845590
Conc: 0.37 ng/ml



#10 gamma-Chlordane

R.T.: 5.019 min
Delta R.T.: 0.024 min
Response: 926783
Conc: 0.43 ng/ml



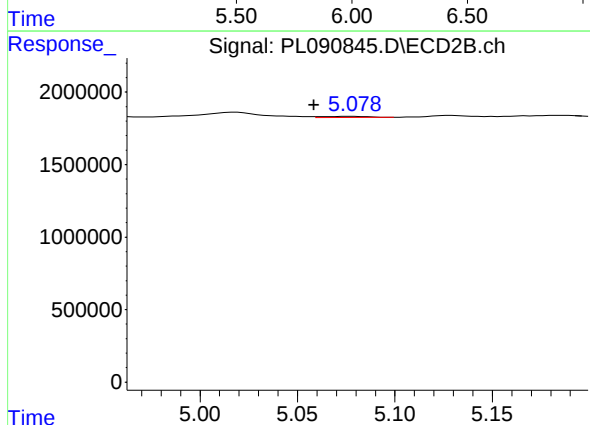
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 6.024 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

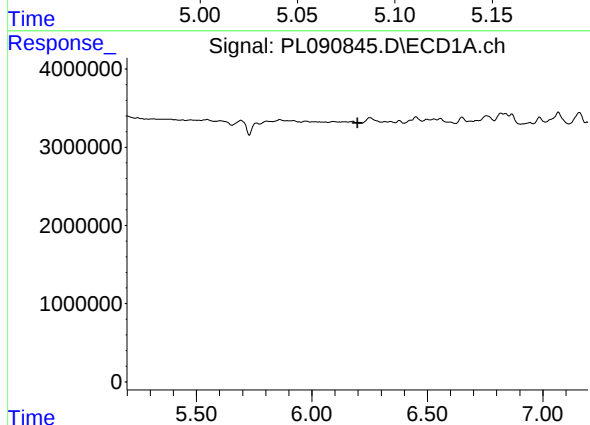
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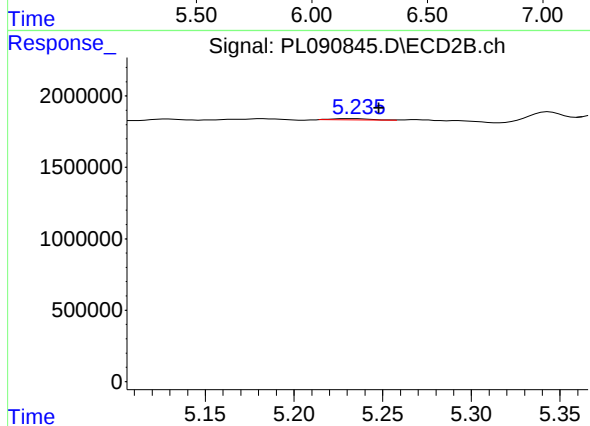
#11 alpha-Chlordane

R.T.: 5.079 min
Delta R.T.: 0.021 min
Response: 132545
Conc: 0.06 ng/ml



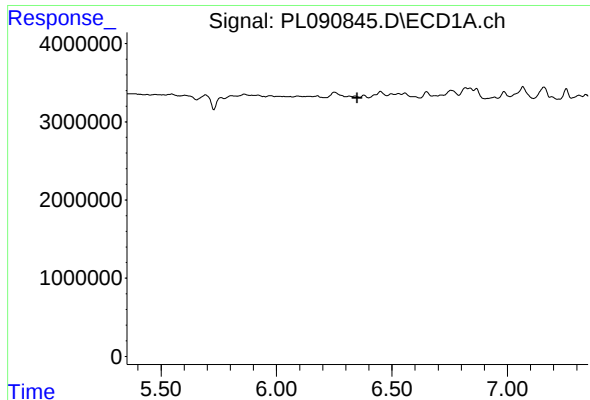
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.197 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: -0.012 min
Response: 150550
Conc: 0.08 ng/ml



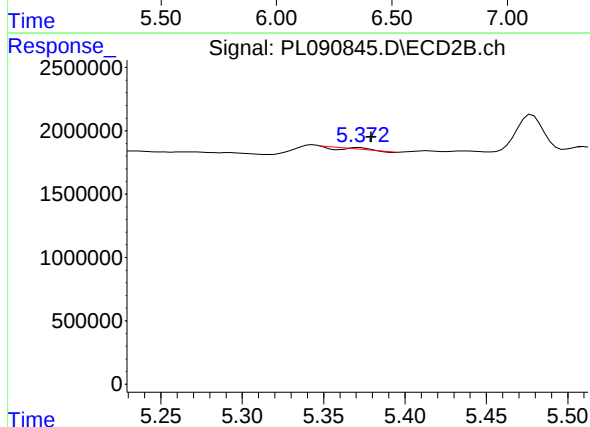
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

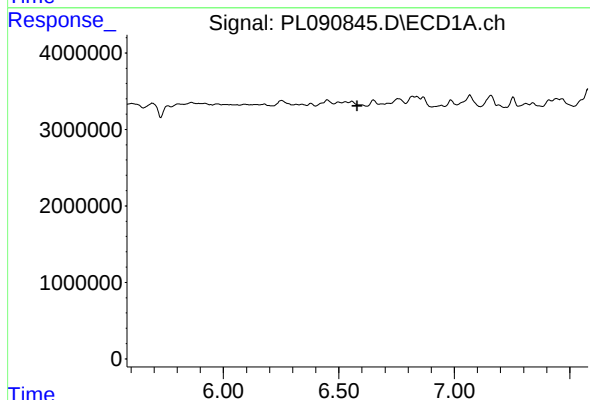
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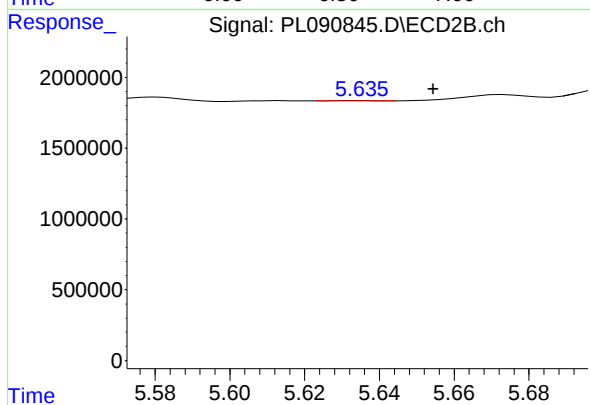
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: -0.007 min
Response: 17645
Conc: 0.01 ng/ml



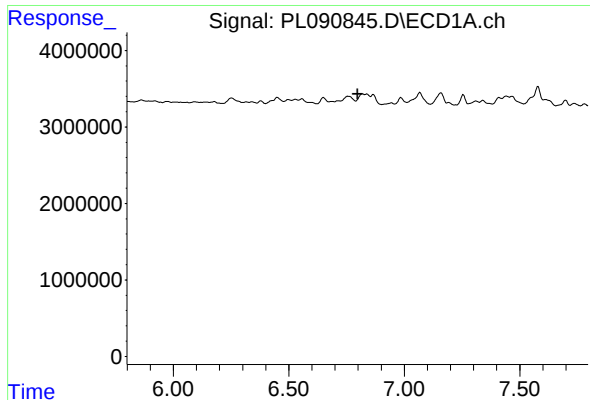
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.580 min
Response: 0
Conc: N.D.



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.019 min
Response: 12262
Conc: 0.01 ng/ml



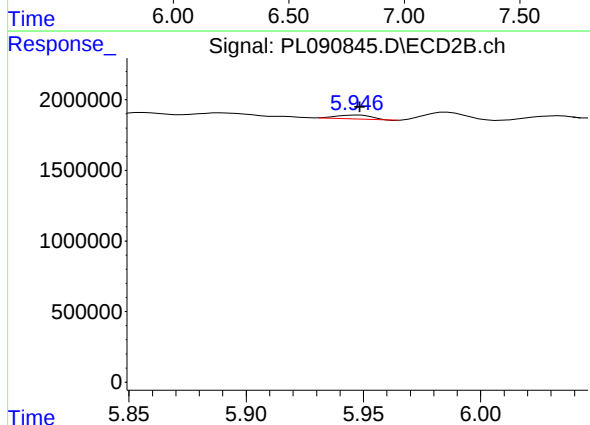
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.799 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

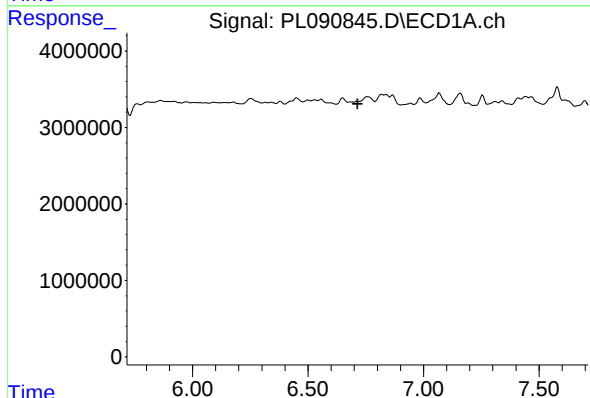
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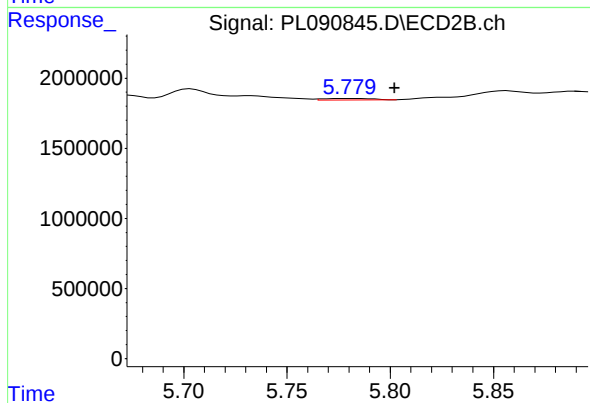
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 299202
Conc: 0.16 ng/ml



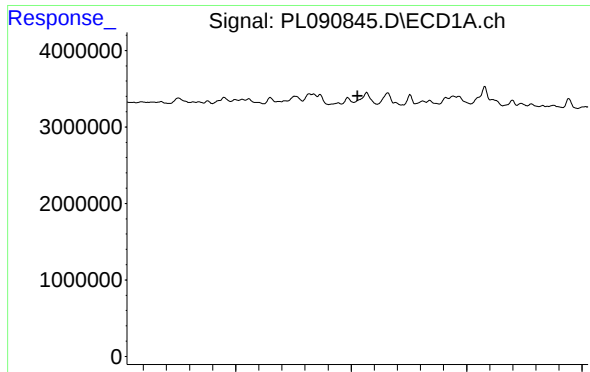
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.714 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: -0.028 min
Response: 188563
Conc: 0.12 ng/ml



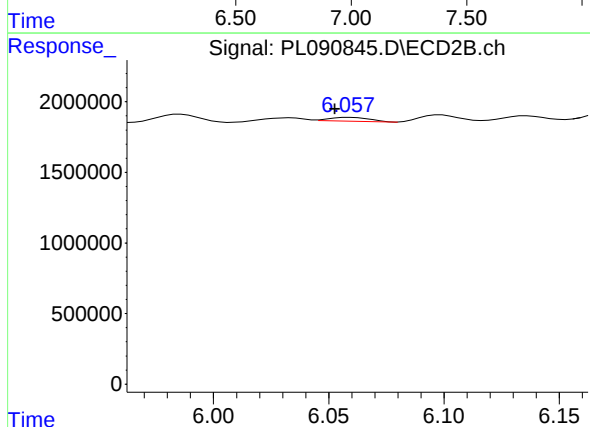
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.028 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

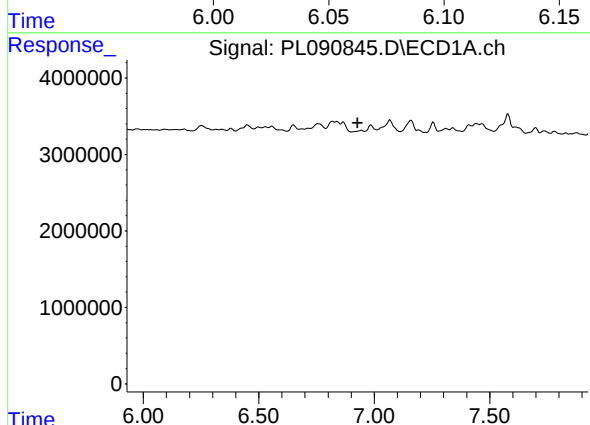
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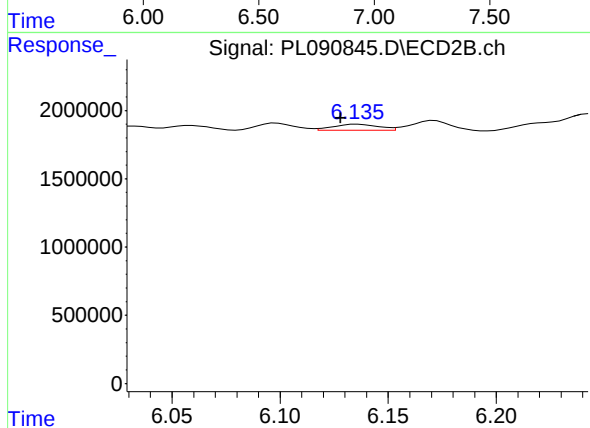
#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: 0.006 min
Response: 331470
Conc: 0.20 ng/ml



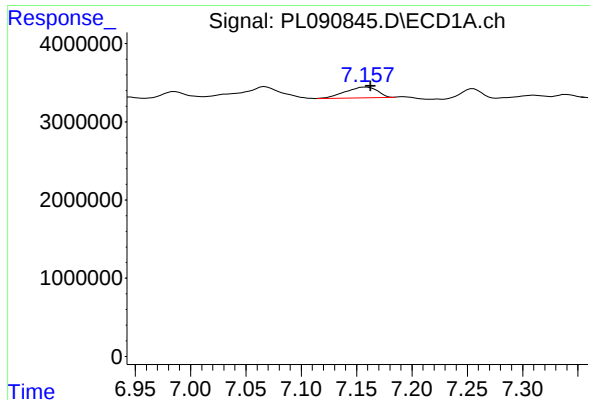
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.929 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.136 min
Delta R.T.: 0.008 min
Response: 630725
Conc: 0.45 ng/ml



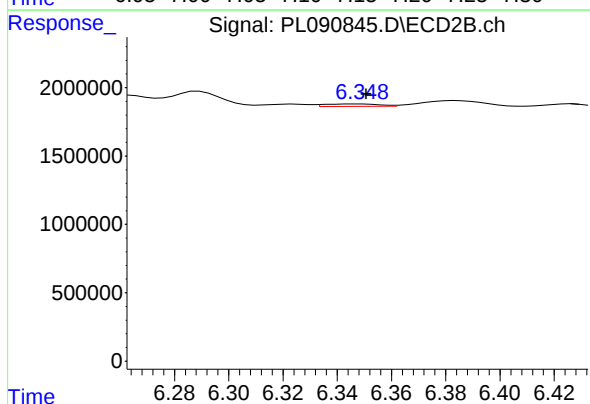
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 2765312
Conc: 1.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

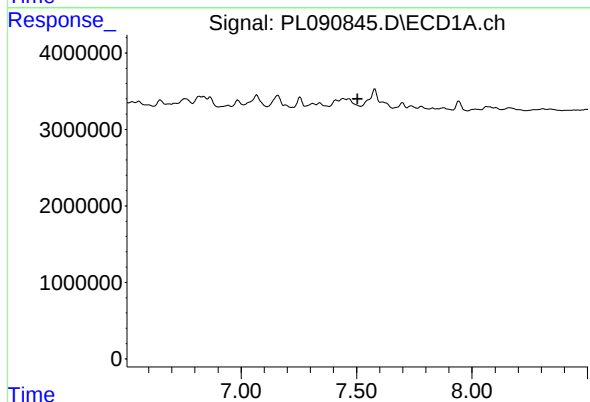
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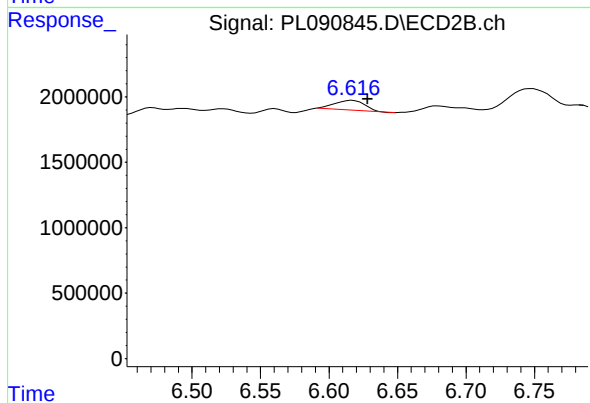
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 248621
Conc: 0.14 ng/ml



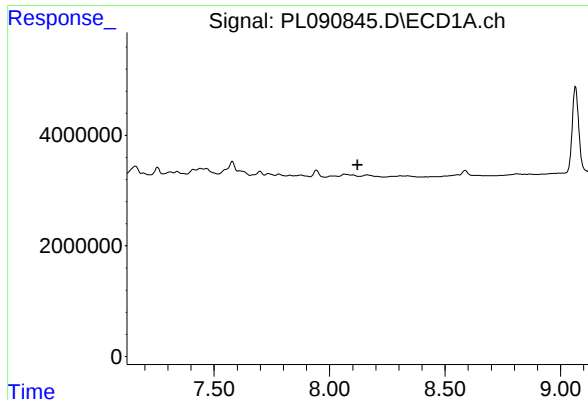
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.504 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.011 min
Response: 1139734
Conc: 1.23 ng/ml



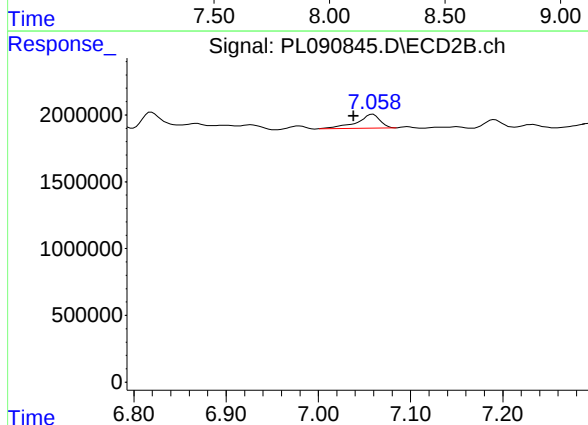
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.121 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

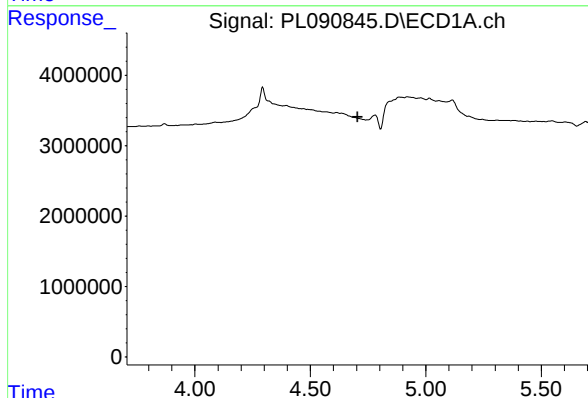
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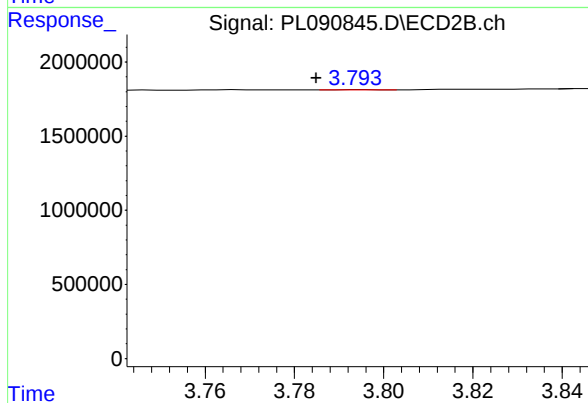
#22 Mirex

R.T.: 7.059 min
Delta R.T.: 0.021 min
Response: 1826055
Conc: 1.09 ng/ml



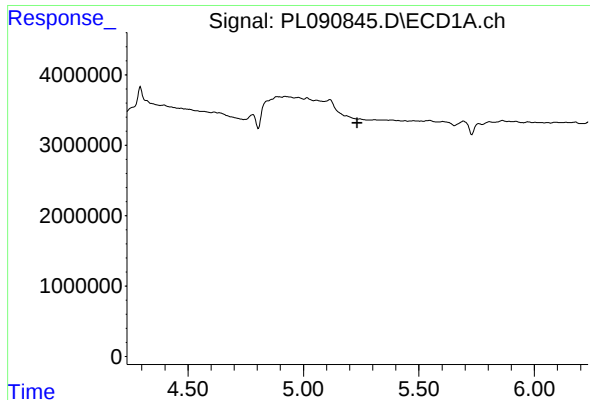
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.705 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.795 min
Delta R.T.: 0.010 min
Response: 12500
Conc: 0.19 ng/ml



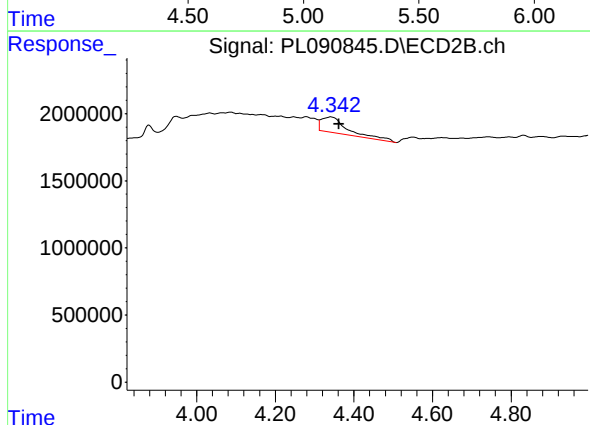
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

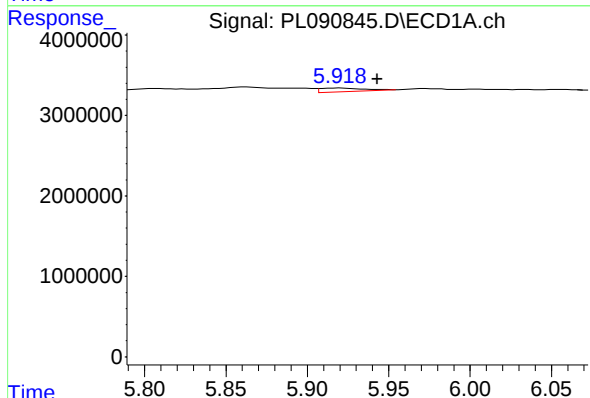
Manual Integrations
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Reviewed By :Abdul Mirza 08/08/2024
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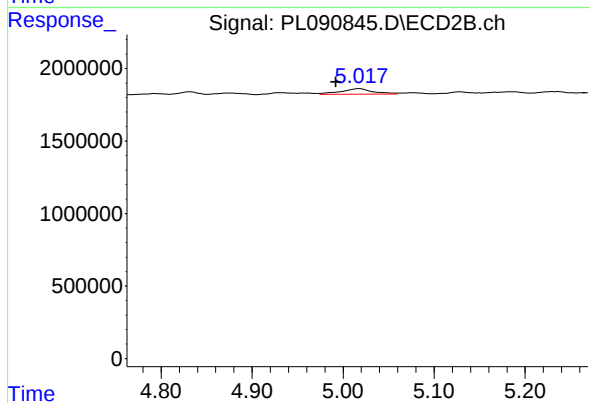
#24 Chlordane-2

R.T.: 4.342 min
Delta R.T.: -0.020 min
Response: 5406551
Conc: 65.00 ng/ml



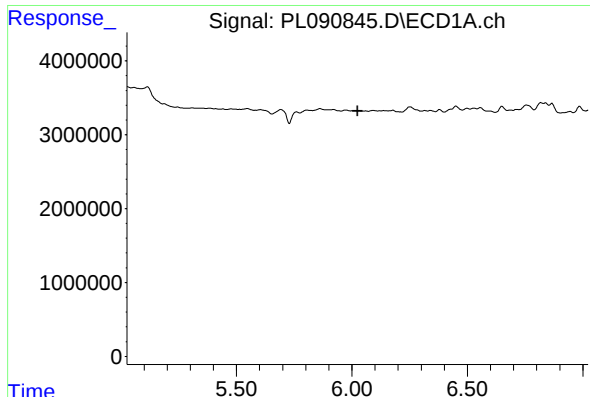
#25 Chlordane-3

R.T.: 5.920 min
Delta R.T.: -0.023 min
Response: 845590
Conc: 2.57 ng/ml



#25 Chlordane-3

R.T.: 5.019 min
Delta R.T.: 0.026 min
Response: 926783
Conc: 4.14 ng/ml



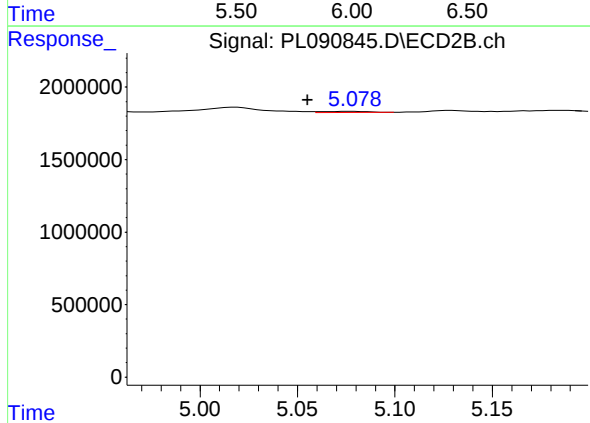
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

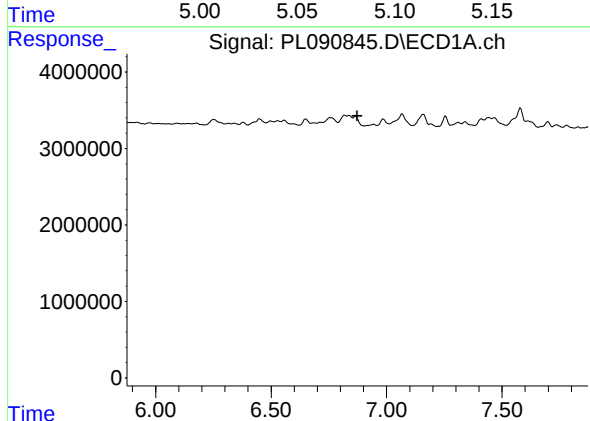
Manual Integrations
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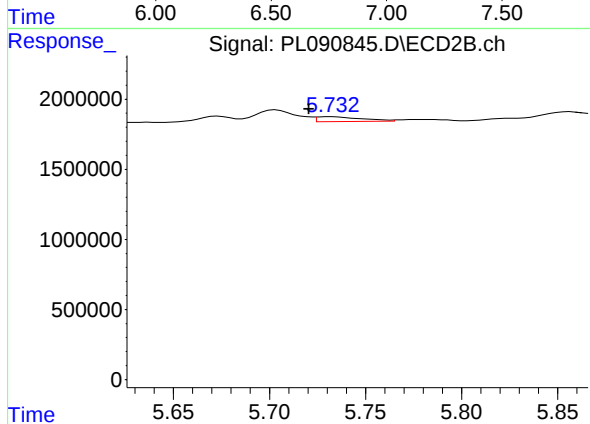
#26 Chlordane-4

R.T.: 5.079 min
Delta R.T.: 0.024 min
Response: 132545
Conc: 0.62 ng/ml



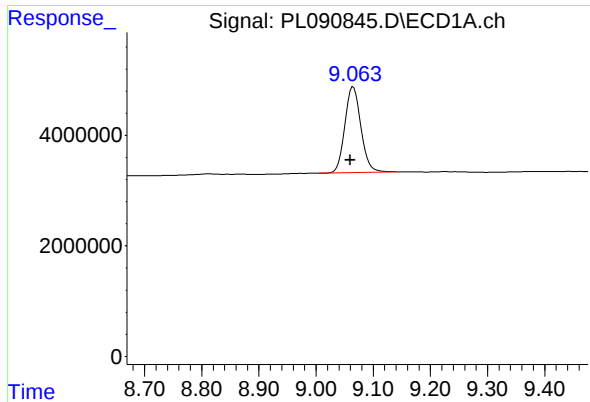
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.



#27 Chlordane-5

R.T.: 5.733 min
Delta R.T.: 0.012 min
Response: 563541
Conc: 8.43 ng/ml



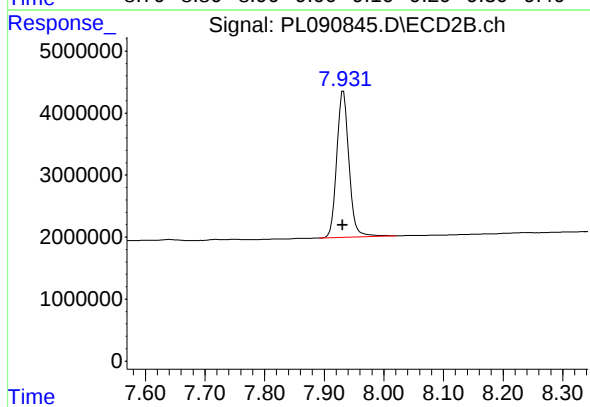
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.004 min
Response: 30440310
Conc: 21.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2024

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 33670524
Conc: 20.17 ng/ml