

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 16:46
 Operator : AR\AJ
 Sample : P3390-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:53:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.567	2.769	14420091	86296823	14.103	15.009
28)	SA Decachlor...	9.122	7.895	31198048	101.1E6	13.666	15.739
Target Compounds							
2)	A alpha-BHC	0.000	3.266	0	449992	N.D.	0.051 #
3)	MA gamma-BHC...	0.000	3.591	0	377911	N.D.	0.047 #
5)	MB Aldrin	0.000	4.220	0	1791865	N.D.	0.223 #
6)	B beta-BHC	0.000	3.901	0	369084	N.D.	0.105 #
7)	B delta-BHC	4.796	4.119	609164	429763	0.335	0.052 #
8)	B Heptachlo...	5.718	4.717	968975	1714526	0.544	0.239 #
9)	A Endosulfan I	6.102	5.109f	17410	1264948	0.009	0.183 #
10)	B gamma-Chl...	5.950f	4.989f	838151	9978439	0.419	1.316 #
11)	B alpha-Chl...	6.031f	0.000	336521	0	0.169	N.D. #
13)	MA Dieldrin	6.408f	5.341	196895	-431492	0.095	N.D. #
14)	MA Endrin	6.589f	5.643f	190630	7890477	0.107	1.193 #
15)	B Endosulfa...	0.000	5.916	0	1735741	N.D.	0.272 #
16)	A 4,4'-DDD	6.744	5.788f	228245	28616	0.151	0.005 #
17)	MA 4,4'-DDT	0.000	6.026	0	1566140	N.D.	0.273 #
18)	B Endrin al...	6.974	6.106	209667	2864164	0.143	0.571 #
19)	B Endosulfa...	7.193	6.316	2036702	537544	1.121	0.088 #
20)	A Methoxychlor	0.000	6.585	0	3770930	N.D.	1.278 #
22)	Mirex	0.000	7.026f	0	6770739	N.D.	1.249 #
23)	Chlordane-1	0.000	3.754	0	232900	N.D.	0.996 #
24)	Chlordane-2	5.247	4.354	78102	11261147	1.124	40.125 #
25)	Chlordane-3	5.950f	4.989f	838151	9978439	2.757	12.828 #
26)	Chlordane-4	6.031f	4.989f	336521	9978439	0.915	13.019 #
27)	Chlordane-5	6.899	5.916	1261700	1735741	18.576	6.282 #

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

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Acq On : 02 Aug 2024 16:46
Operator : AR\AJ
Sample : P3390-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

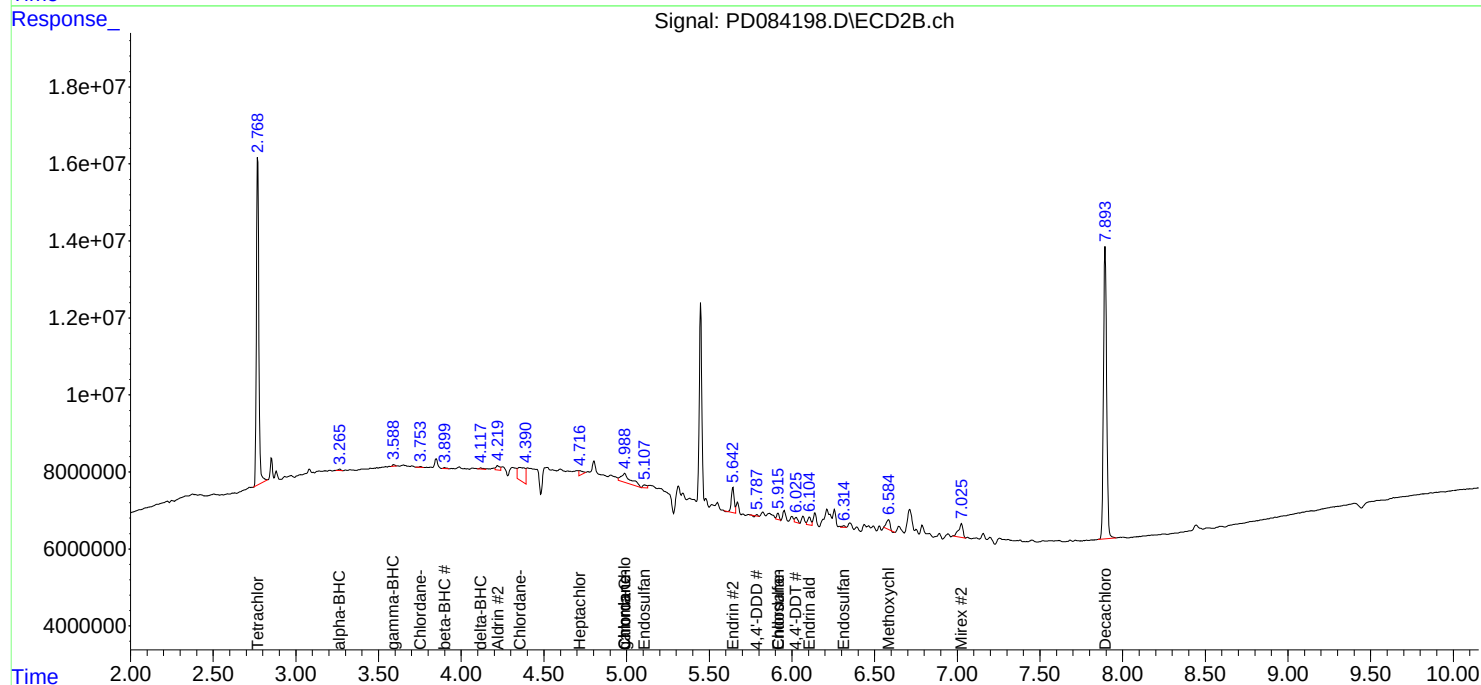
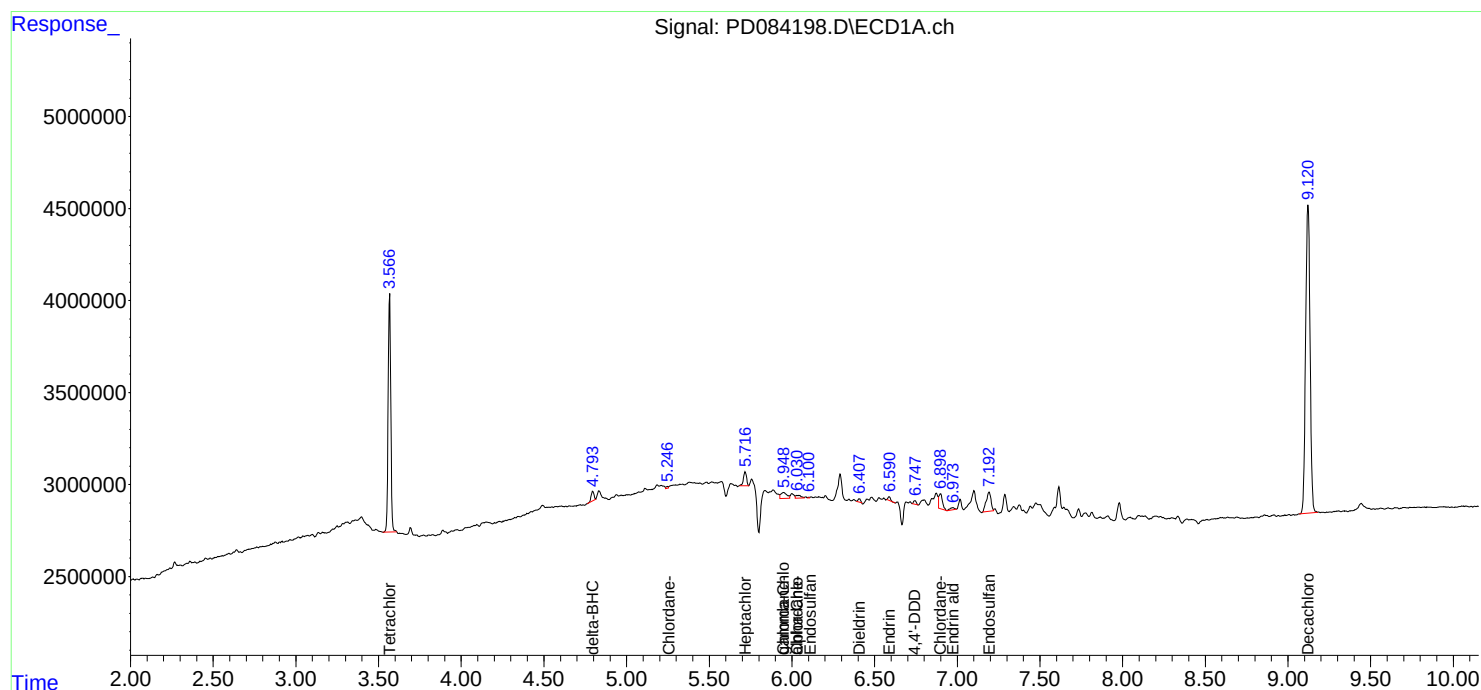
Instrument :
ECD_D
ClientSampleId :
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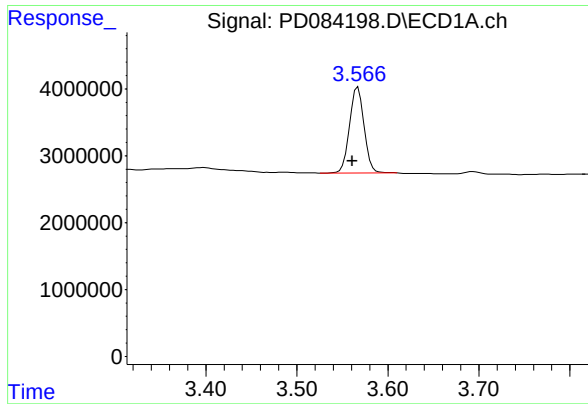
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:53:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
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Volume Inj. : 1 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 x 0.25µm





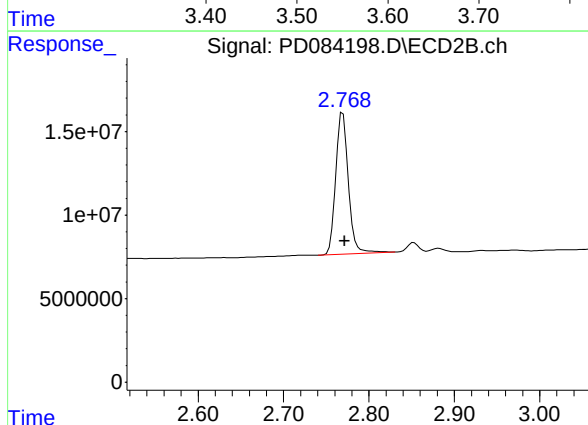
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.006 min
Response: 14420091
Conc: 14.10 ng/ml

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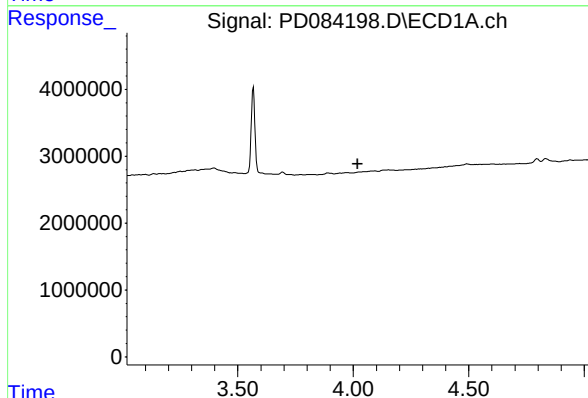
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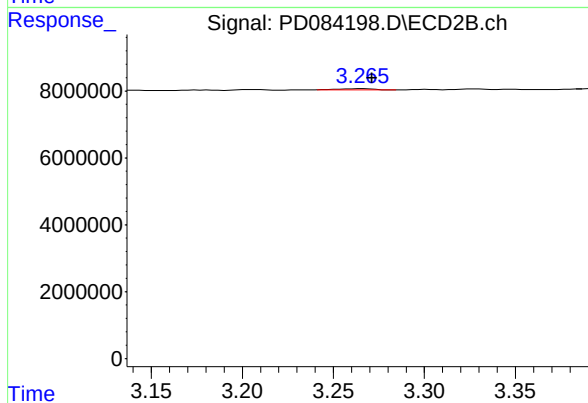
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.002 min
Response: 86296823
Conc: 15.01 ng/ml



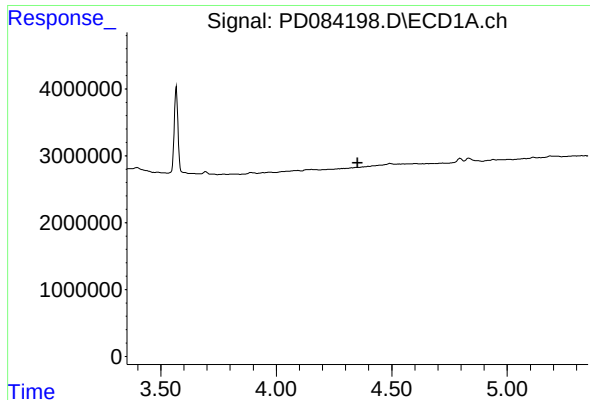
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T.: 4.018 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.005 min
Response: 449992
Conc: 0.05 ng/ml



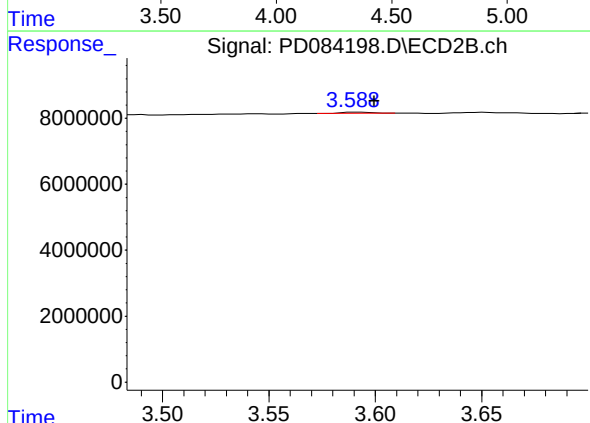
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.352 min
Response: 0
Conc: N.D.

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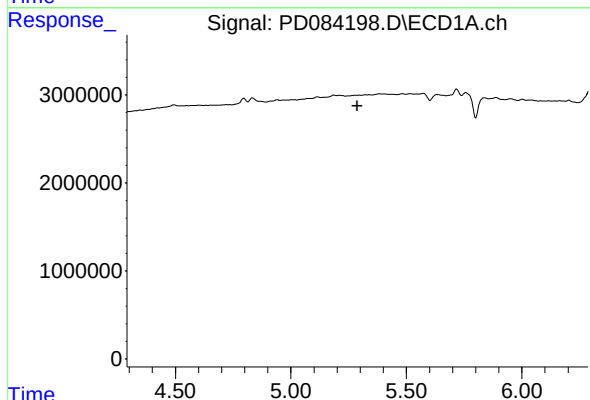
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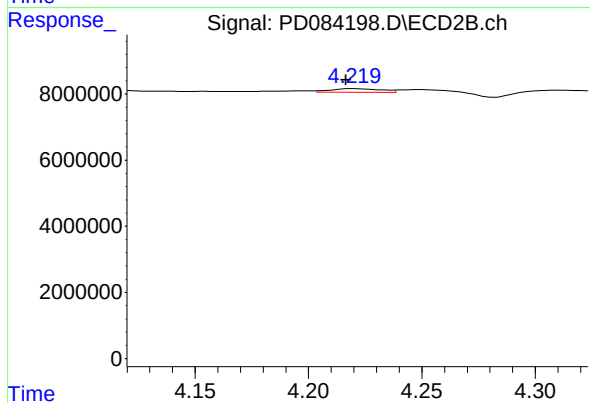
#3 gamma-BHC (Lindane)

R.T.: 3.591 min
Delta R.T.: -0.009 min
Response: 377911
Conc: 0.05 ng/ml



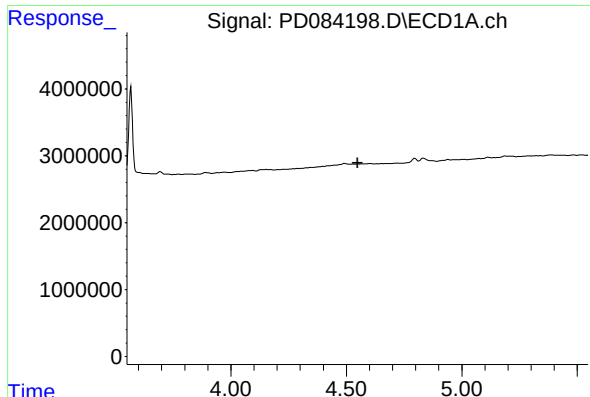
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.287 min
Response: 0
Conc: N.D.



#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.004 min
Response: 1791865
Conc: 0.22 ng/ml



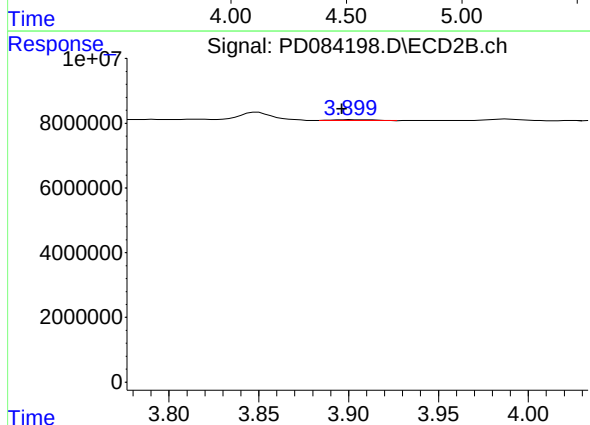
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.550 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

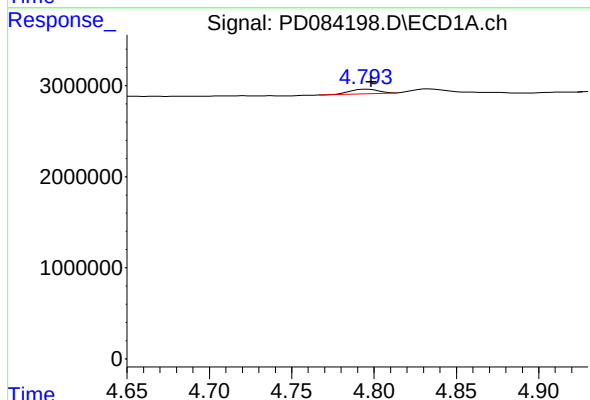
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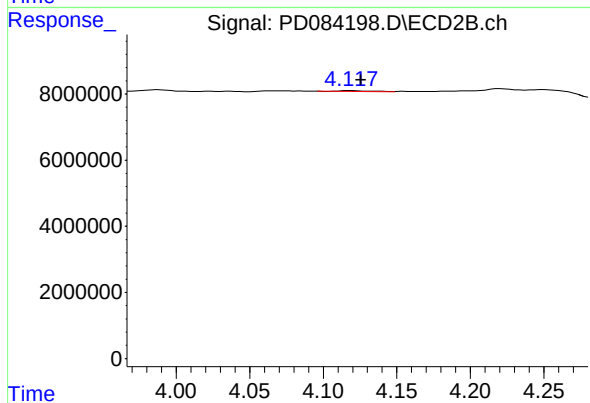
#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.004 min
Response: 369084
Conc: 0.10 ng/ml



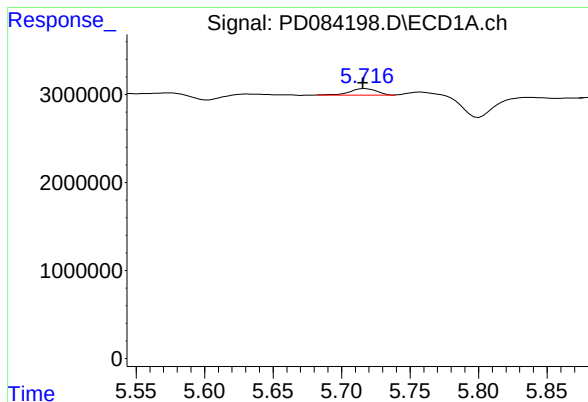
#7 delta-BHC

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 609164
Conc: 0.34 ng/ml



#7 delta-BHC

R.T.: 4.119 min
Delta R.T.: -0.007 min
Response: 429763
Conc: 0.05 ng/ml



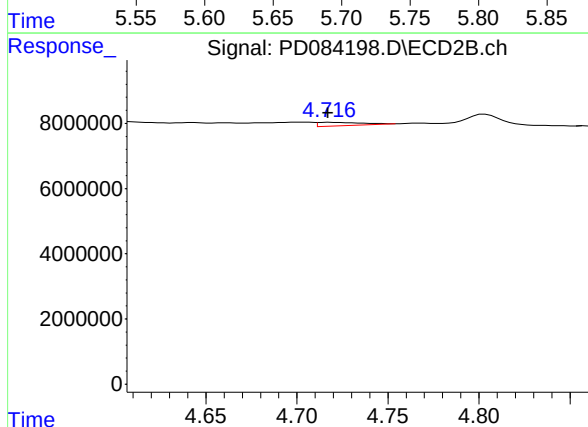
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.002 min
Response: 968975
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

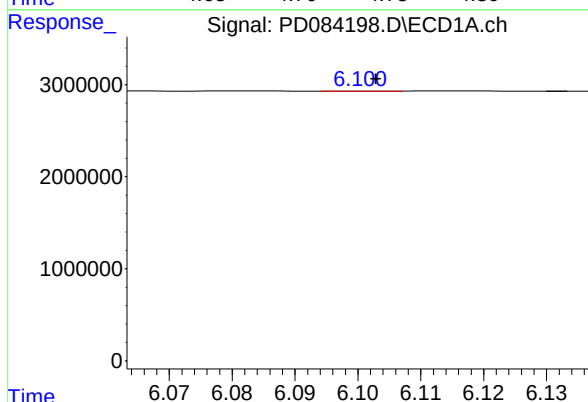
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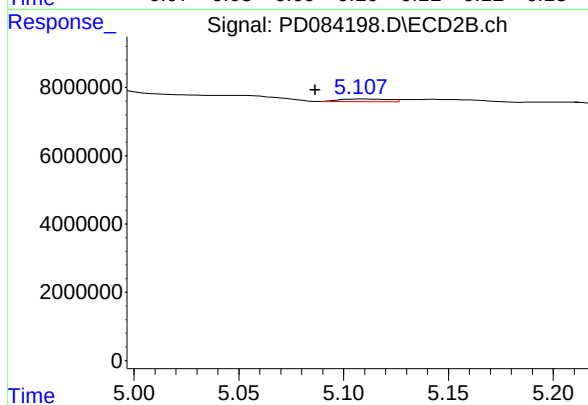
#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 1714526
Conc: 0.24 ng/ml



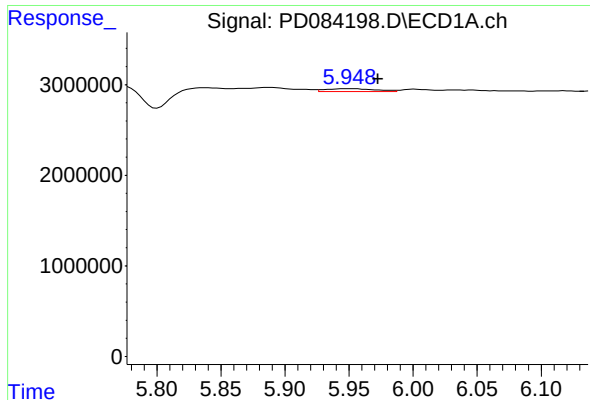
#9 Endosulfan I

R.T.: 6.102 min
Delta R.T.: -0.001 min
Response: 17410
Conc: 0.01 ng/ml



#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.022 min
Response: 1264948
Conc: 0.18 ng/ml



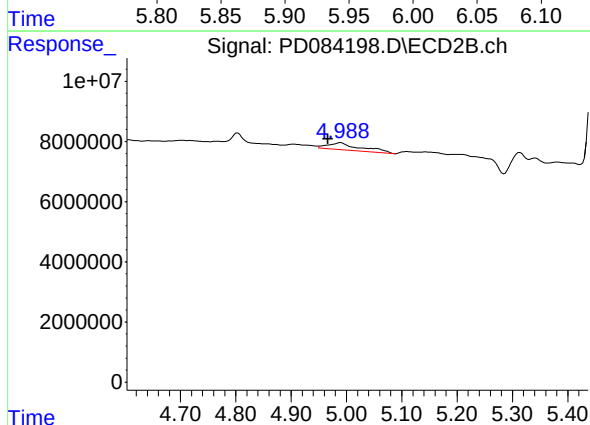
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: -0.023 min
Response: 838151
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

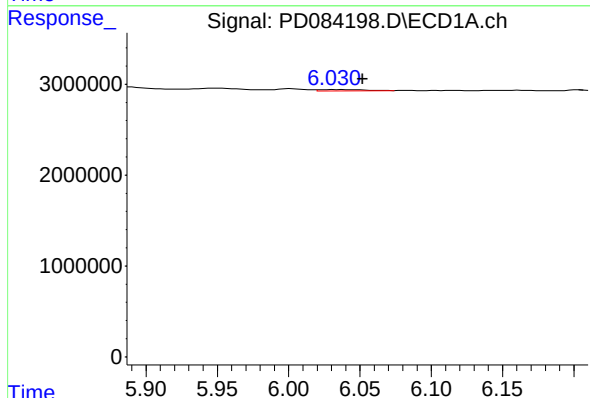
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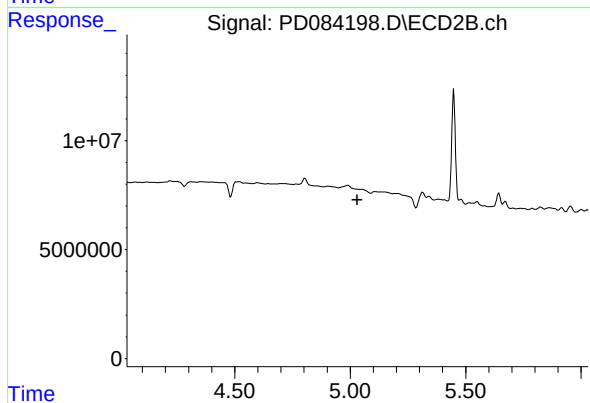
#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: 0.022 min
Response: 9978439
Conc: 1.32 ng/ml



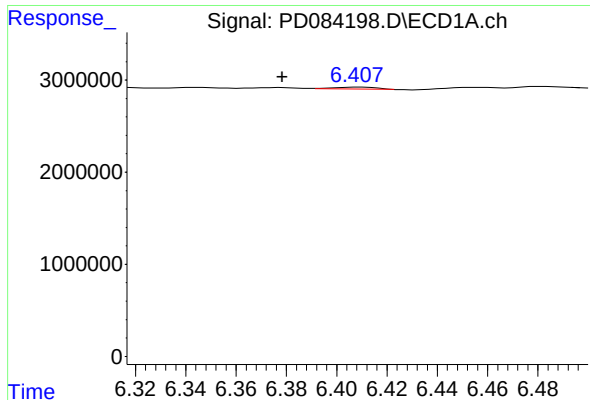
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: -0.021 min
Response: 336521
Conc: 0.17 ng/ml



#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.030 min
Response: 0
Conc: N.D.



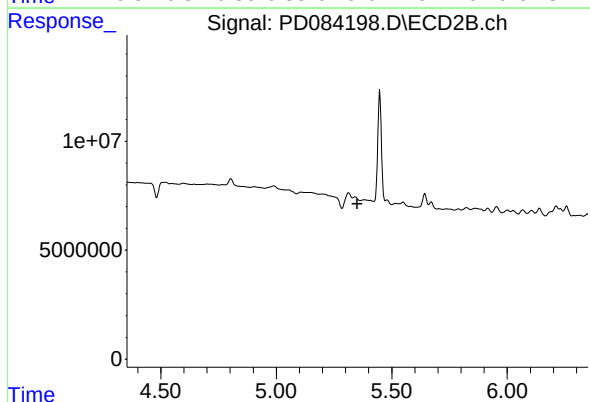
#13 Dieldrin

R.T.: 6.408 min
Delta R.T.: 0.030 min
Response: 196895
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

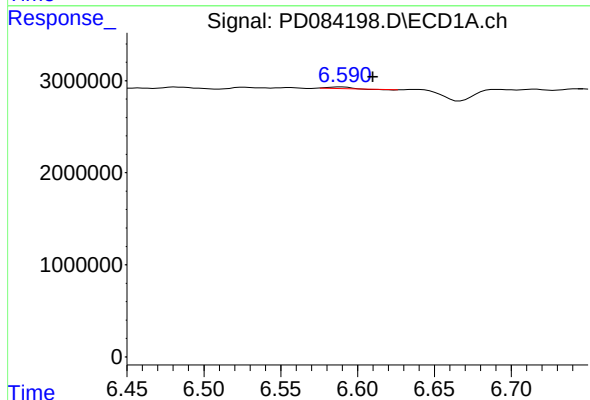
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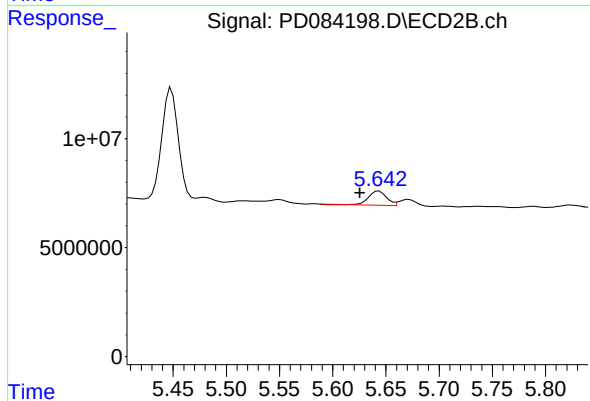
#13 Dieldrin

R.T.: 5.341 min
Delta R.T.: -0.009 min
Response: -431492
Conc: N.D.



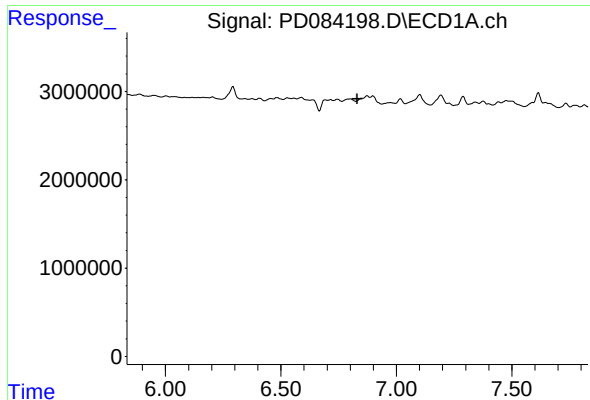
#14 Endrin

R.T.: 6.589 min
Delta R.T.: -0.021 min
Response: 190630
Conc: 0.11 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.018 min
Response: 7890477
Conc: 1.19 ng/ml



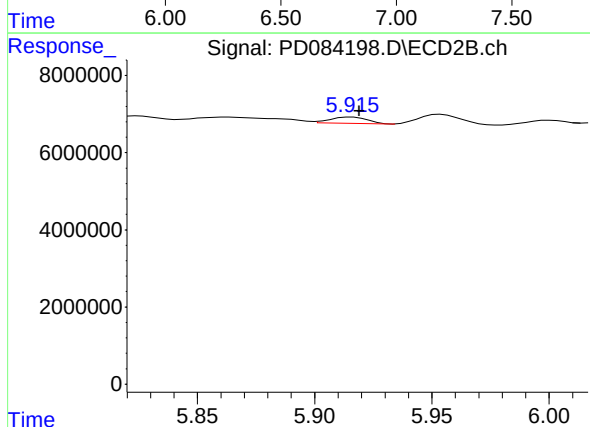
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.830 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

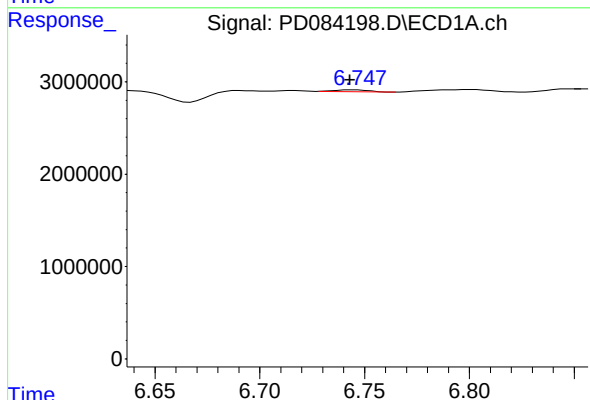
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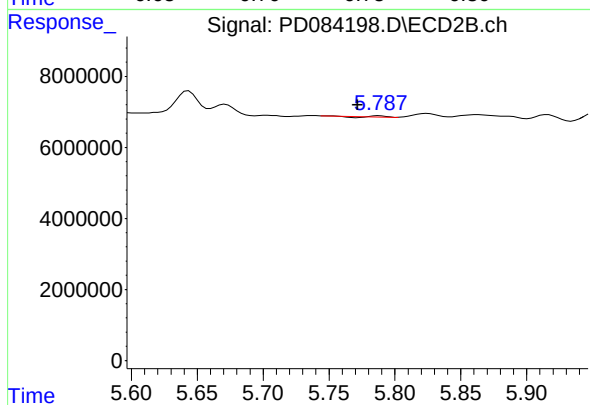
#15 Endosulfan II

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 1735741
Conc: 0.27 ng/ml



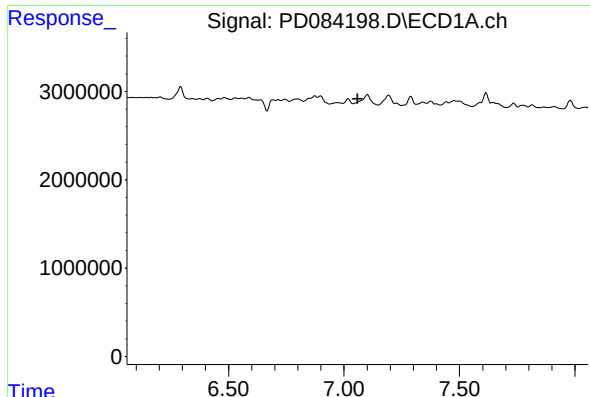
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.001 min
Response: 228245
Conc: 0.15 ng/ml



#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: 0.017 min
Response: 28616
Conc: 0.01 ng/ml



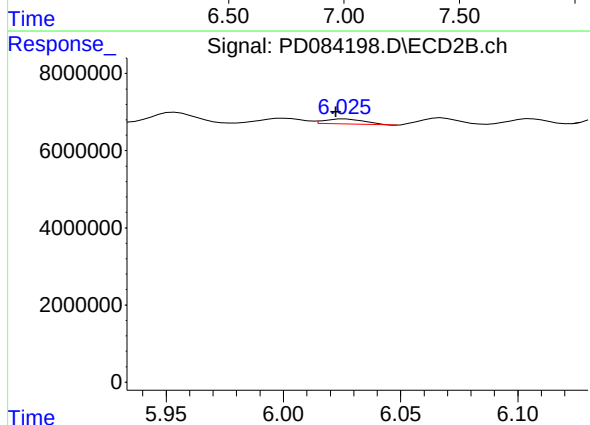
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 7.058 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
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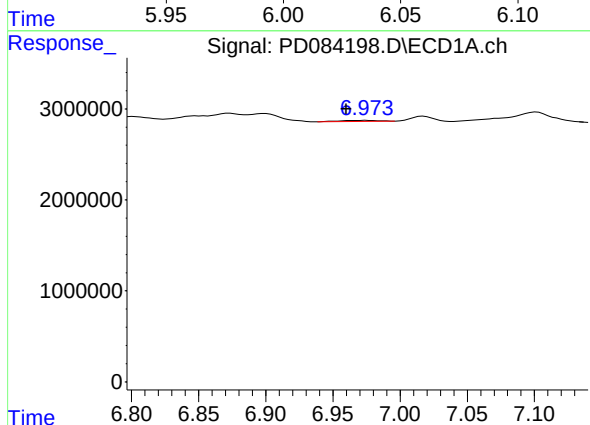
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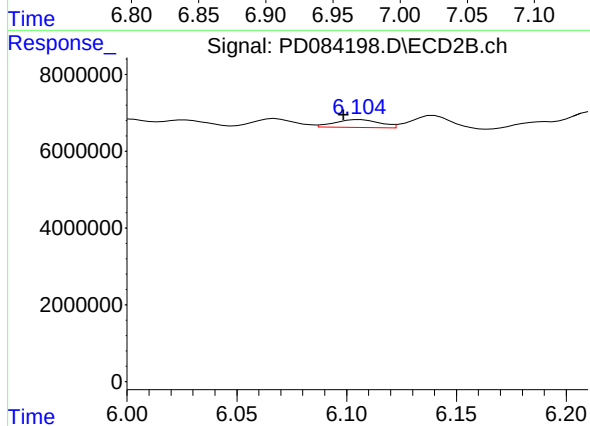
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.004 min
Response: 1566140
Conc: 0.27 ng/ml



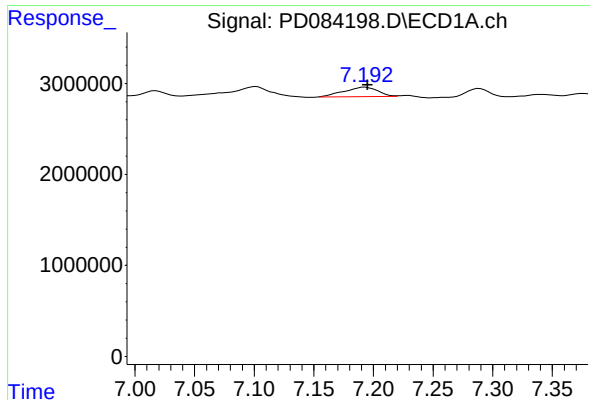
#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: 0.014 min
Response: 209667
Conc: 0.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.007 min
Response: 2864164
Conc: 0.57 ng/ml



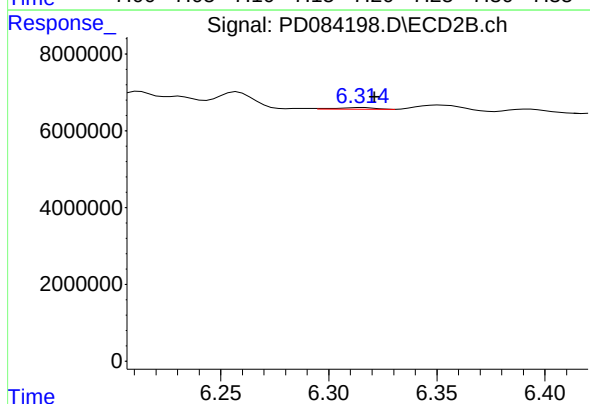
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.002 min
Response: 2036702
Conc: 1.12 ng/ml

Instrument :
ECD_D
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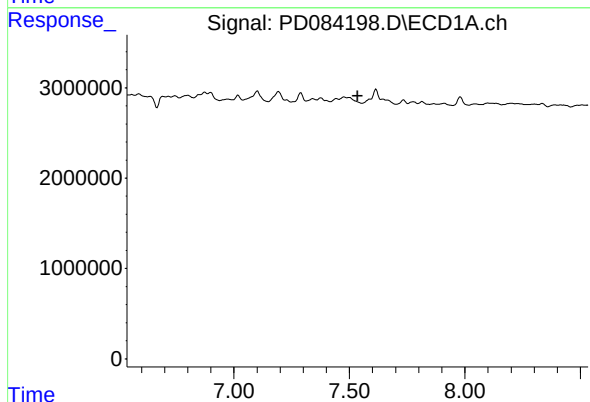
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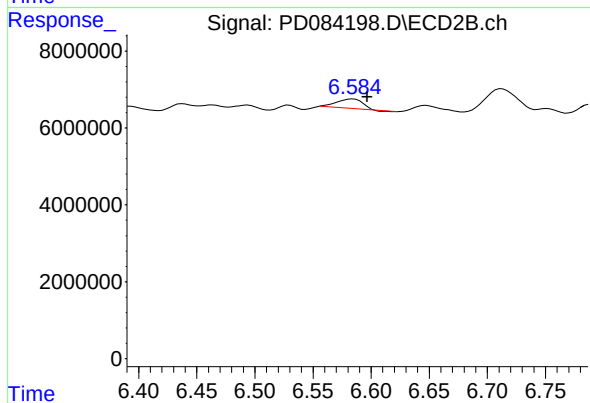
#19 Endosulfan Sulfate

R.T.: 6.316 min
Delta R.T.: -0.006 min
Response: 537544
Conc: 0.09 ng/ml



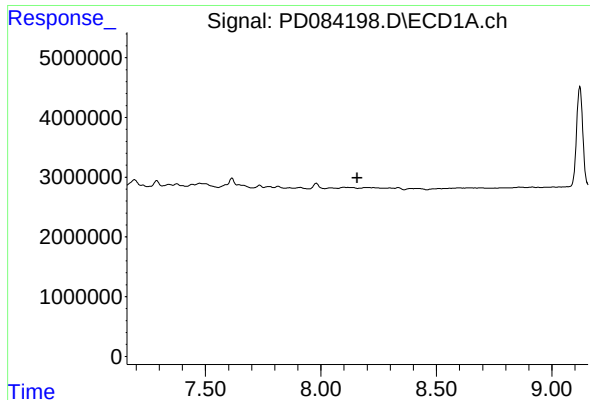
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.534 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.585 min
Delta R.T.: -0.012 min
Response: 3770930
Conc: 1.28 ng/ml



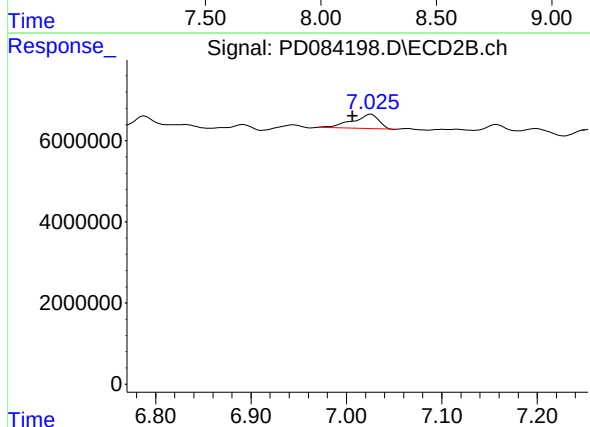
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.158 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

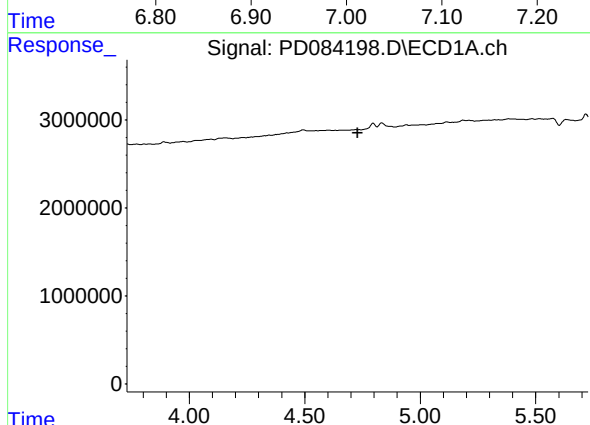
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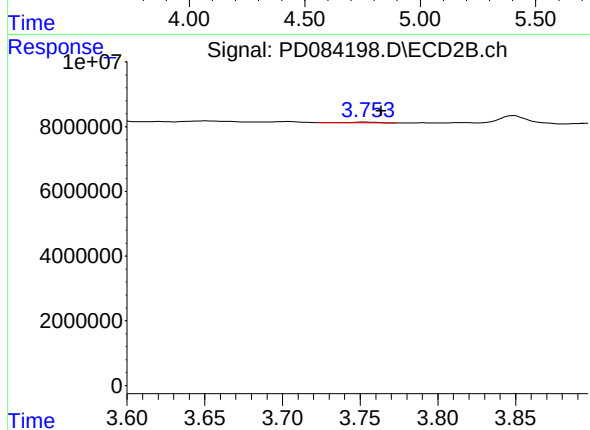
#22 Mirex

R.T.: 7.026 min
Delta R.T.: 0.019 min
Response: 6770739
Conc: 1.25 ng/ml



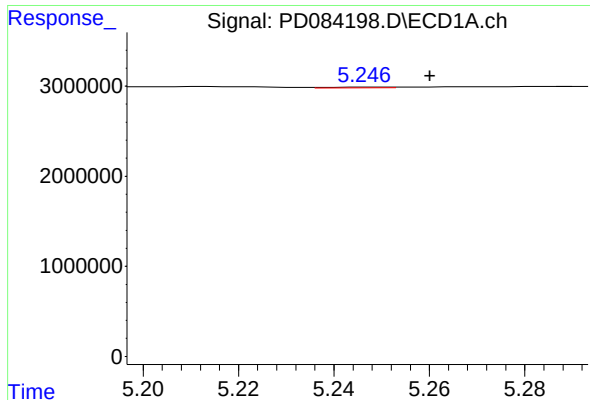
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.728 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.754 min
Delta R.T.: -0.010 min
Response: 232900
Conc: 1.00 ng/ml



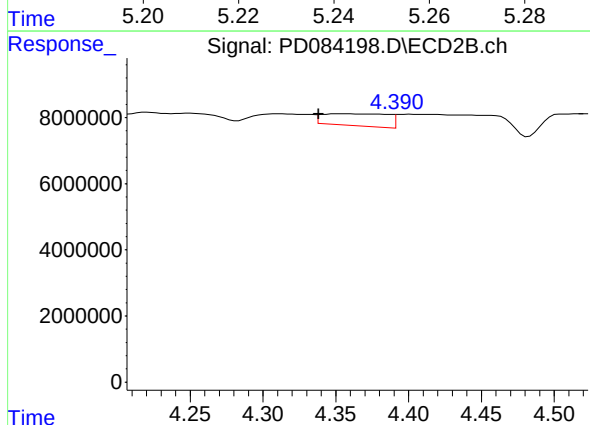
#24 Chlordane-2

R.T.: 5.247 min
Delta R.T.: -0.013 min
Response: 78102
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

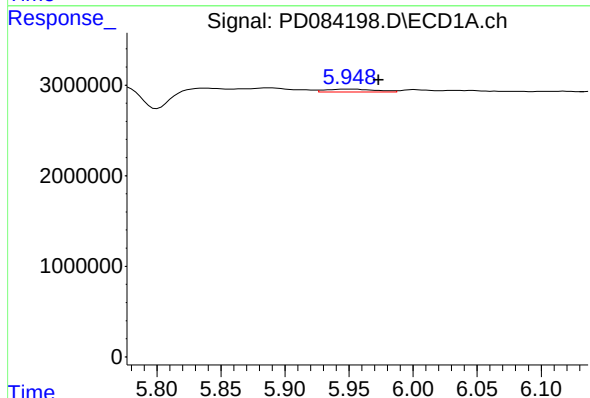
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



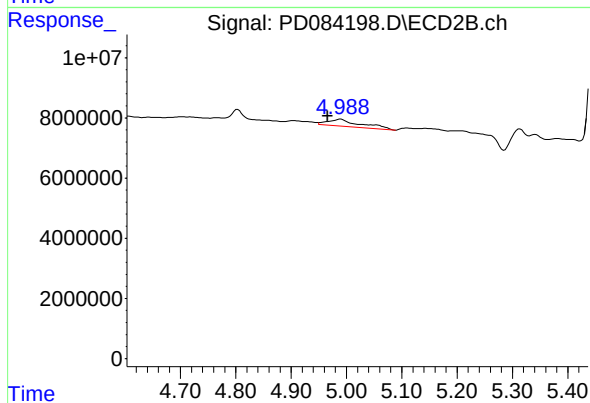
#24 Chlordane-2

R.T.: 4.354 min
Delta R.T.: 0.016 min
Response: 11261147
Conc: 40.13 ng/ml



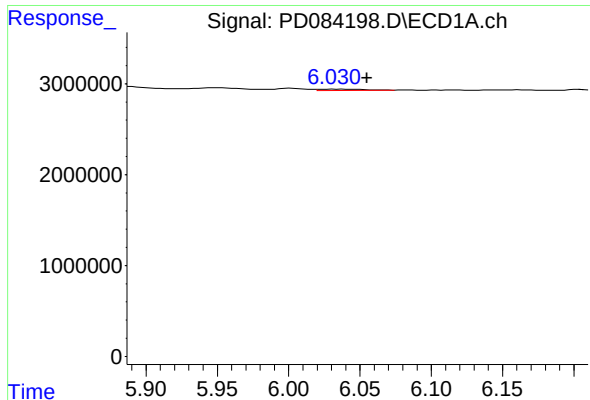
#25 Chlordane-3

R.T.: 5.950 min
Delta R.T.: -0.023 min
Response: 838151
Conc: 2.76 ng/ml



#25 Chlordane-3

R.T.: 4.989 min
Delta R.T.: 0.023 min
Response: 9978439
Conc: 12.83 ng/ml



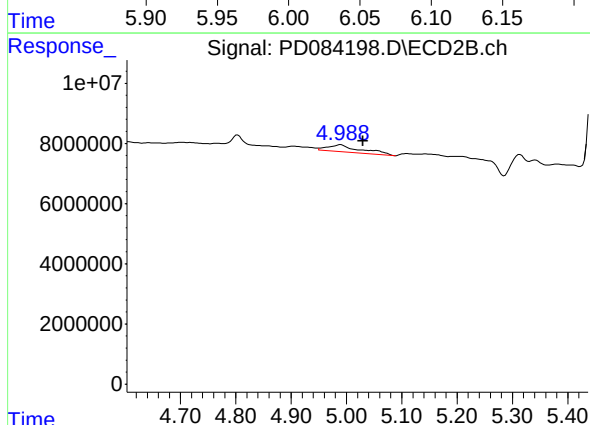
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.024 min
Response: 336521
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

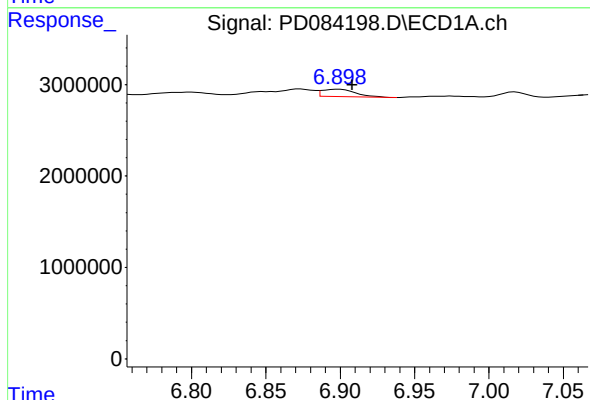
Manual Integrations
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Supervised By :Ankita Jodhani 08/05/2024



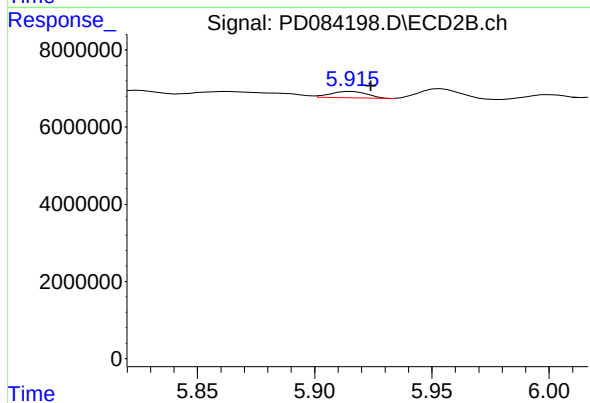
#26 Chlordane-4

R.T.: 4.989 min
Delta R.T.: -0.041 min
Response: 9978439
Conc: 13.02 ng/ml



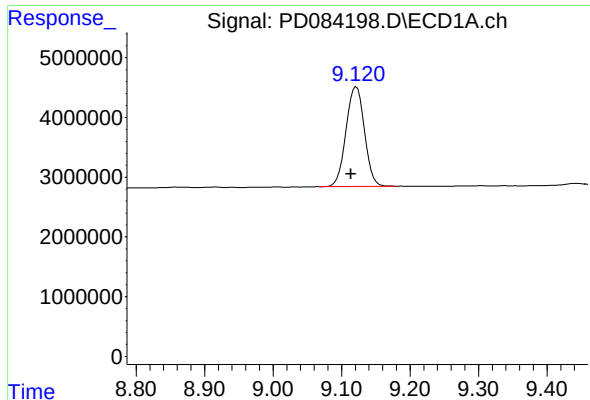
#27 Chlordane-5

R.T.: 6.899 min
Delta R.T.: -0.009 min
Response: 1261700
Conc: 18.58 ng/ml



#27 Chlordane-5

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 1735741
Conc: 6.28 ng/ml



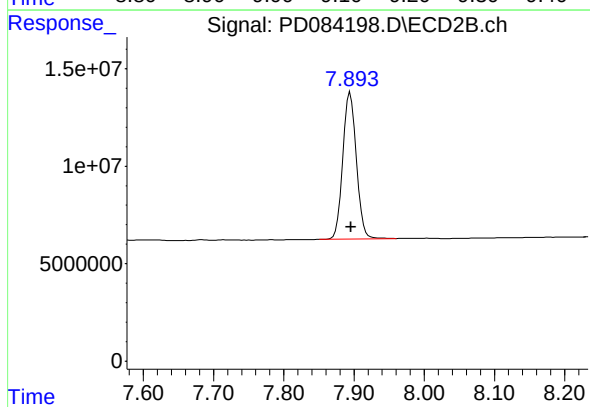
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.008 min
Response: 31198048
Conc: 13.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/05/2024



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.001 min
Response: 101074387
Conc: 15.74 ng/ml