

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 16:08
 Operator : AR\AJ
 Sample : P3390-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-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 23:52:41 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	2.768	13896272	83485999	13.591	14.520
28) SA Decachlor...	9.122	7.896	30194018	96508659	13.226	15.028
Target Compounds						
2) A alpha-BHC	4.029	3.264	-11809	533445	N.D.	0.060
3) MA gamma-BHC...	0.000	3.596	0	480256	N.D.	0.060 #
4) MA Heptachlor	4.938	0.000	158947	0	0.080	N.D. #
5) MB Aldrin	5.274	4.219	87074	1168354	0.043	0.146 #
6) B beta-BHC	0.000	3.896	0	567720	N.D.	0.161 #
7) B delta-BHC	4.796	0.000	645842	0	0.355	N.D. #
8) B Heptachlo...	0.000	4.713	0	590415	N.D.	0.082 #
10) B gamma-Chl...	0.000	4.988f	0	3933520	N.D.	0.519 #
12) B 4,4'-DDE	0.000	5.203f	0	1581898	N.D.	0.222 #
14) MA Endrin	6.591f	5.641f	182247	1334671	0.102	0.202 #
15) B Endosulfa...	6.850f	5.916	204308	1493042	0.107	0.234 #
16) A 4,4'-DDD	0.000	5.788f	0	407531	N.D.	0.074 #
17) MA 4,4'-DDT	0.000	6.026	0	1269077	N.D.	0.221 #
18) B Endrin al...	0.000	6.105	0	2553057	N.D.	0.509 #
19) B Endosulfa...	7.192	6.317	1993509	404176	1.097	0.066 #
20) A Methoxychlor	0.000	6.585	0	3886610	N.D.	1.318 #
21) B Endrin ke...	0.000	6.834	0	222038	N.D.	0.033 #
22) Mirex	0.000	7.026f	0	6368312	N.D.	1.175 #
23) Chlordane-1	0.000	3.753	0	410203	N.D.	1.754 #
24) Chlordane-2	5.274	0.000	87074	0	1.253	N.D. #
25) Chlordane-3	0.000	4.988	0	3933520	N.D.	5.057 #
26) Chlordane-4	0.000	4.988f	0	3933520	N.D.	5.132 #
27) Chlordane-5	6.901	5.916	1018451	1493042	14.994	5.404 #

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

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 Acq On : 02 Aug 2024 16:08
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 Sample : P3390-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

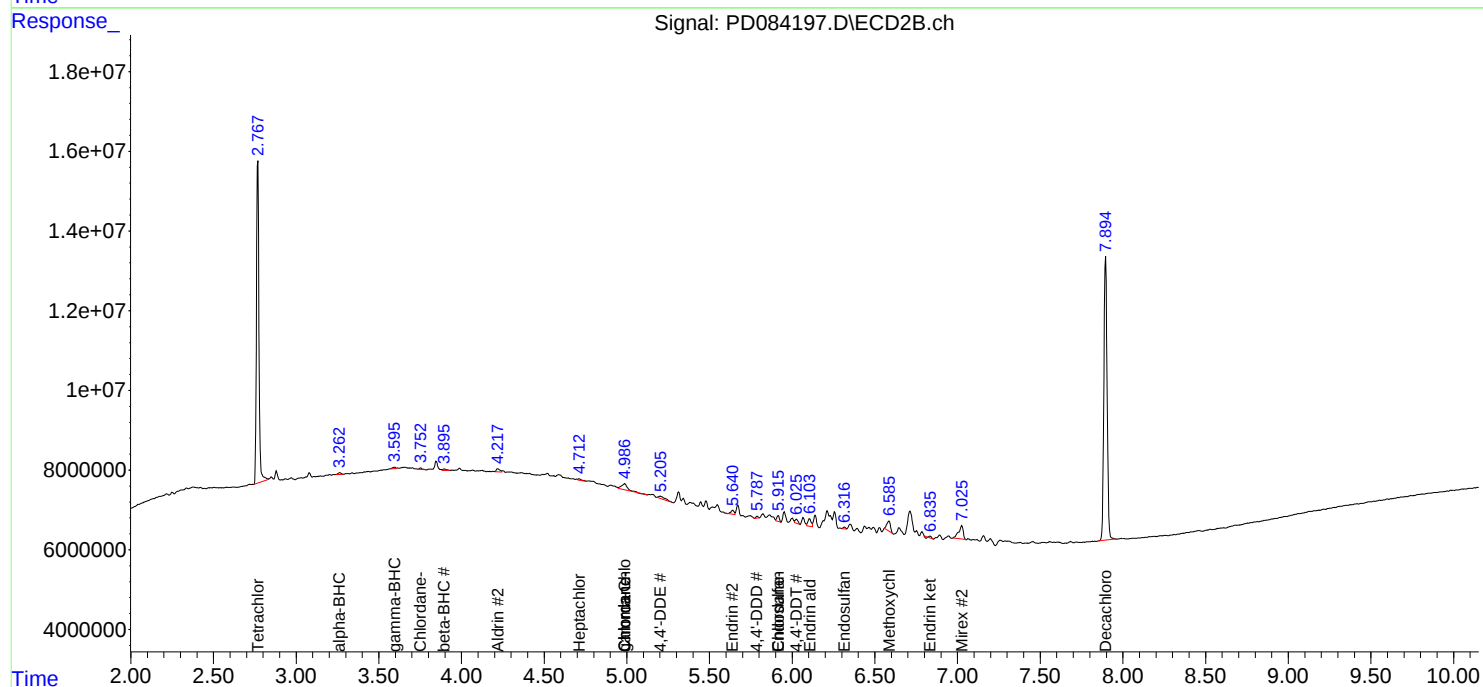
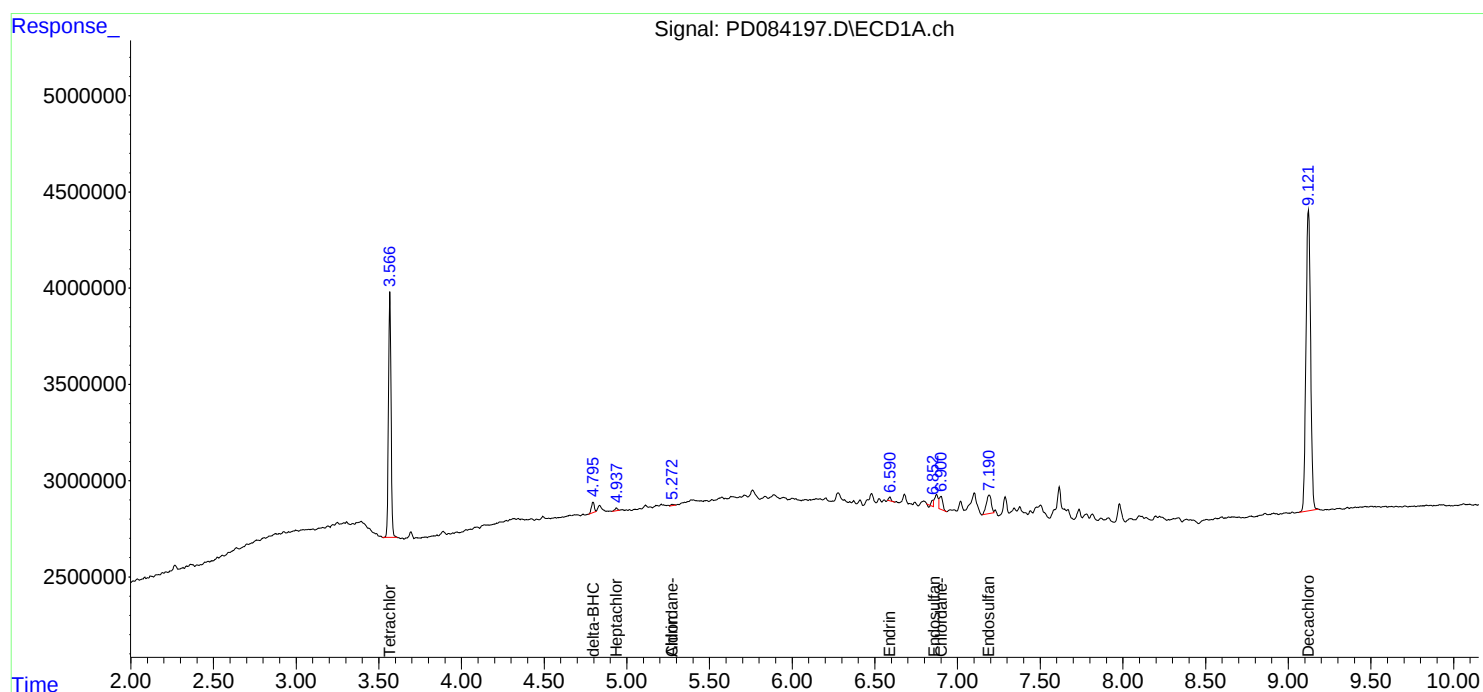
Instrument :
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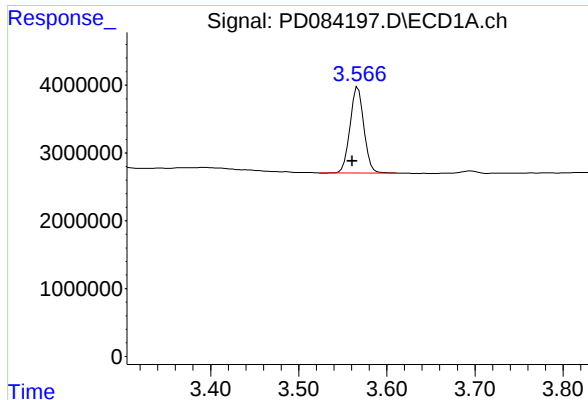
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:52:41 2024
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





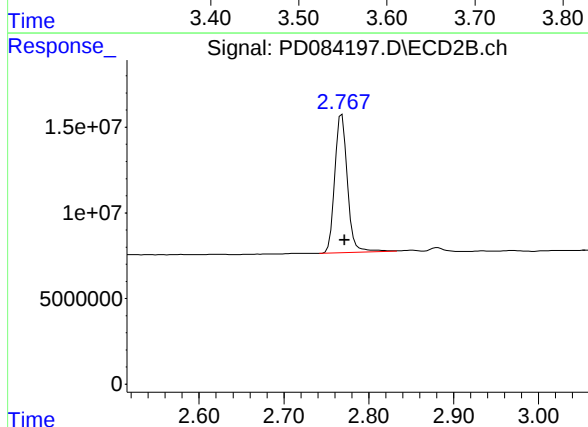
#1 Tetrachloro-m-xylene

R.T.: 3.567 min
Delta R.T.: 0.006 min
Response: 13896272
Conc: 13.59 ng/ml

Instrument :
ECD_D
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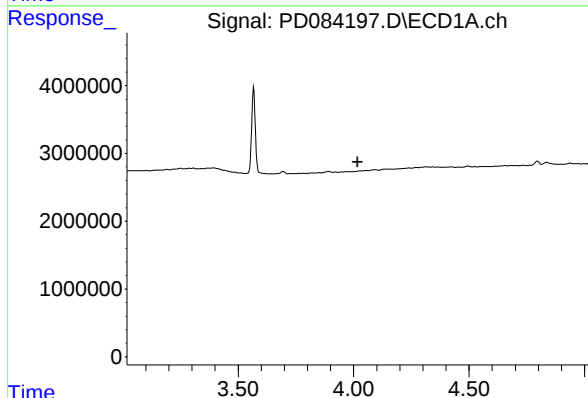
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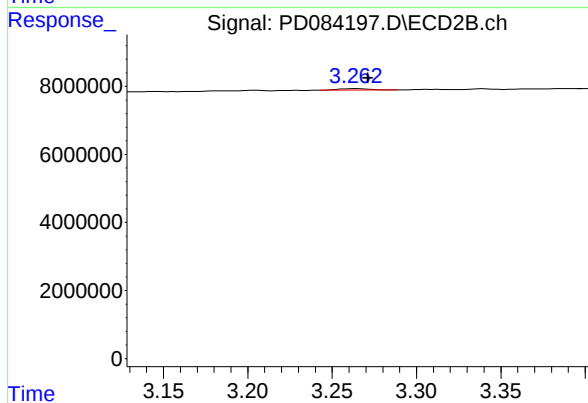
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.003 min
Response: 83485999
Conc: 14.52 ng/ml



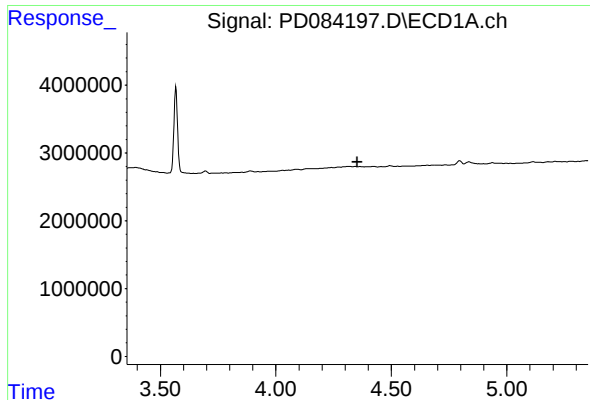
#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.011 min
Response: -11809
Conc: N.D.



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: -0.007 min
Response: 533445
Conc: 0.06 ng/ml



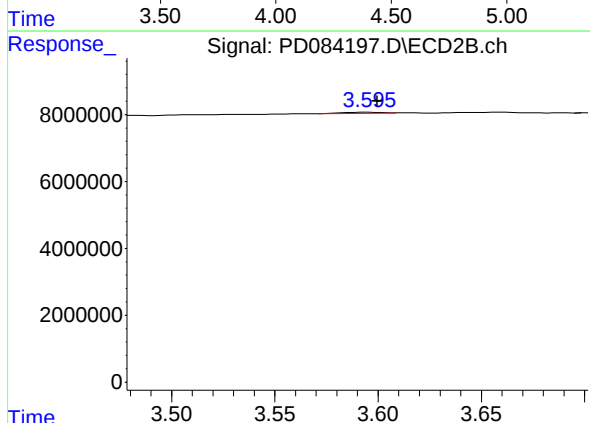
#3 gamma-BHC (Lindane)

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

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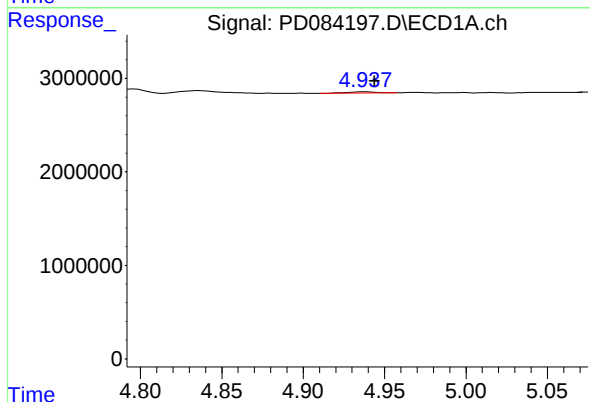
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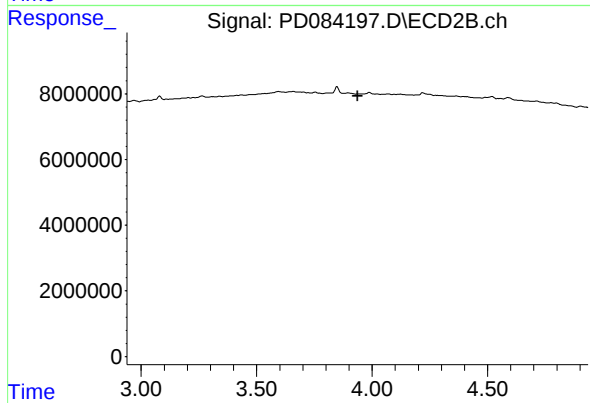
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: -0.004 min
Response: 480256
Conc: 0.06 ng/ml



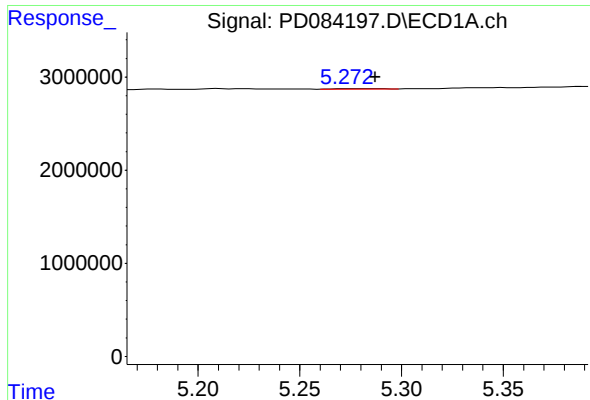
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: -0.006 min
Response: 158947
Conc: 0.08 ng/ml



#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 3.938 min
Response: 0
Conc: N.D.



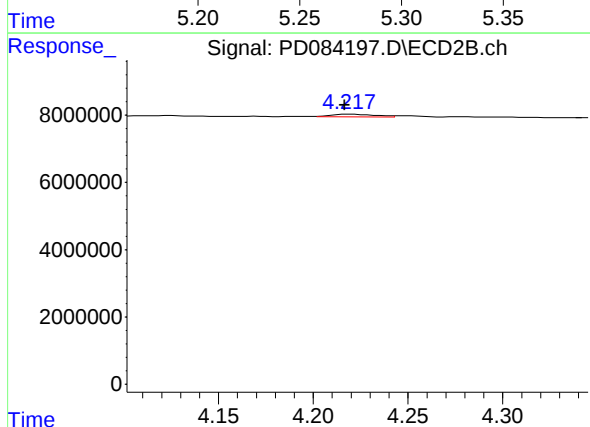
#5 Aldrin

R.T.: 5.274 min
Delta R.T.: -0.013 min
Response: 87074
Conc: 0.04 ng/ml

Instrument :
ECD_D
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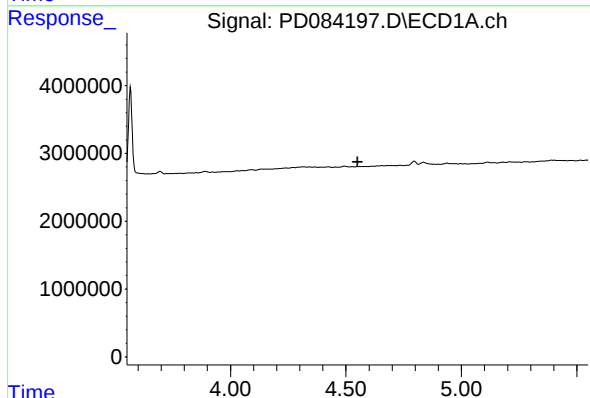
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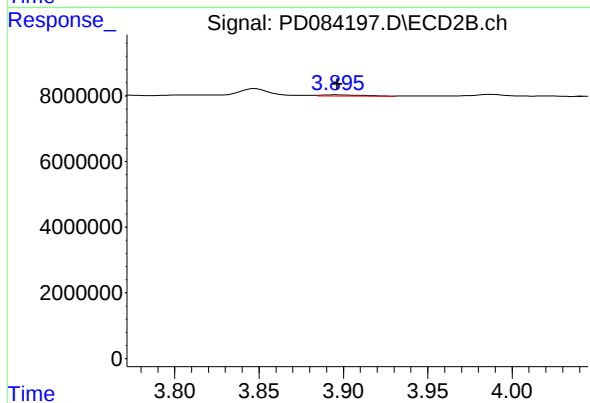
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: 0.003 min
Response: 1168354
Conc: 0.15 ng/ml



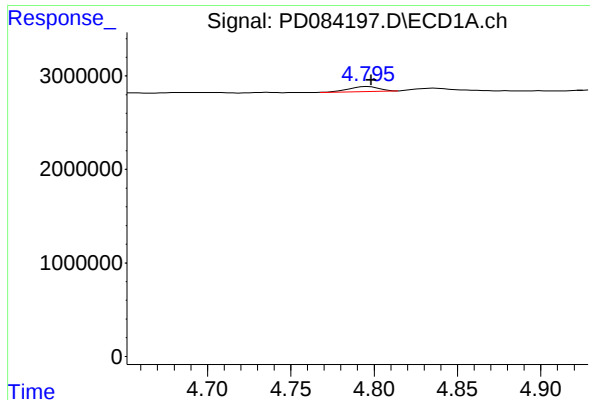
#6 beta-BHC

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



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 567720
Conc: 0.16 ng/ml



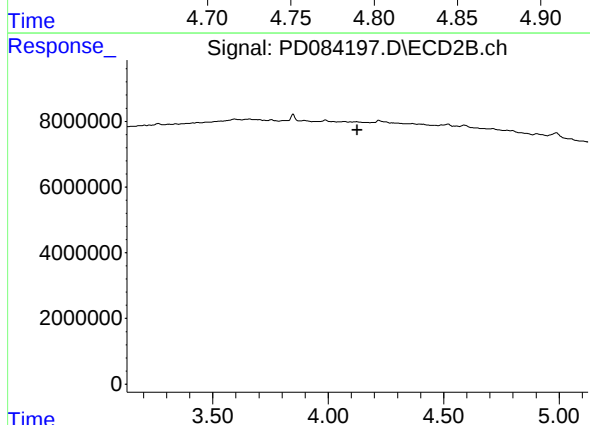
#7 delta-BHC

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 645842
Conc: 0.36 ng/ml

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

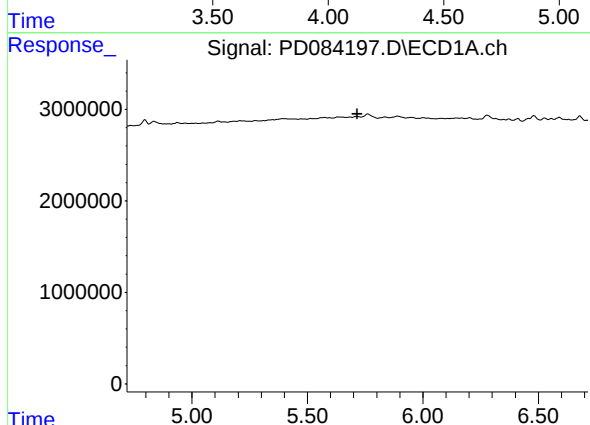
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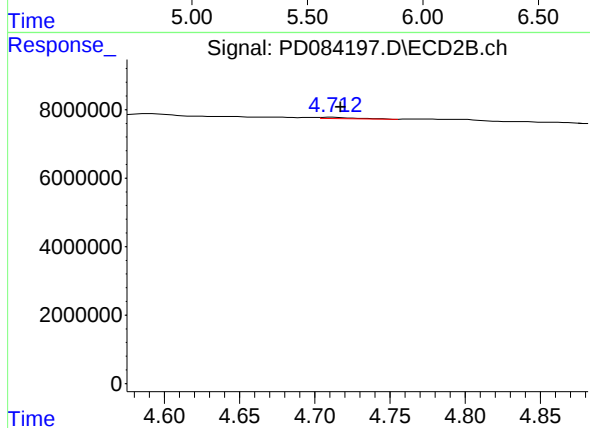
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.126 min
Response: 0
Conc: N.D.



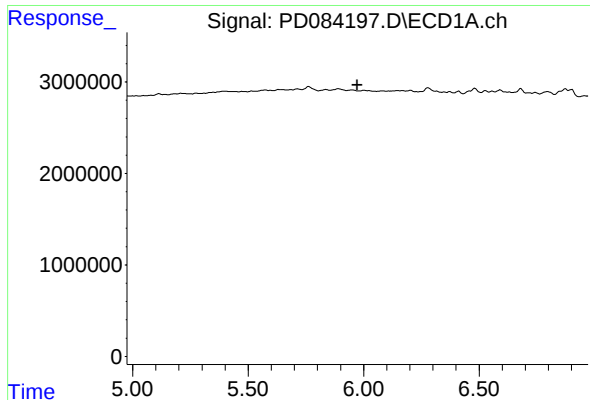
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.716 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

R.T.: 4.713 min
Delta R.T.: -0.004 min
Response: 590415
Conc: 0.08 ng/ml



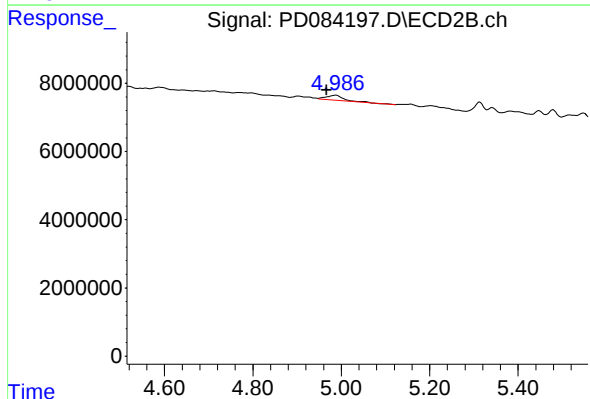
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
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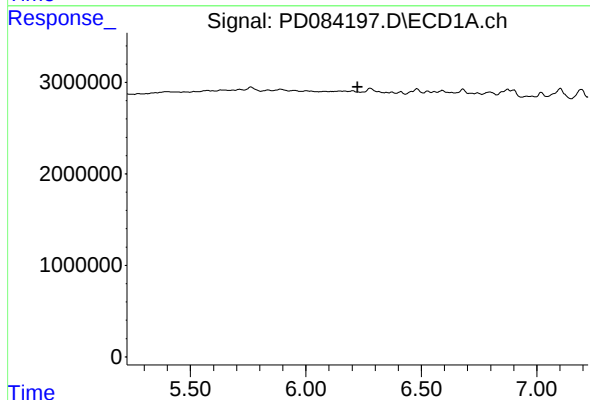


#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: 0.021 min
Response: 3933520
Conc: 0.52 ng/ml

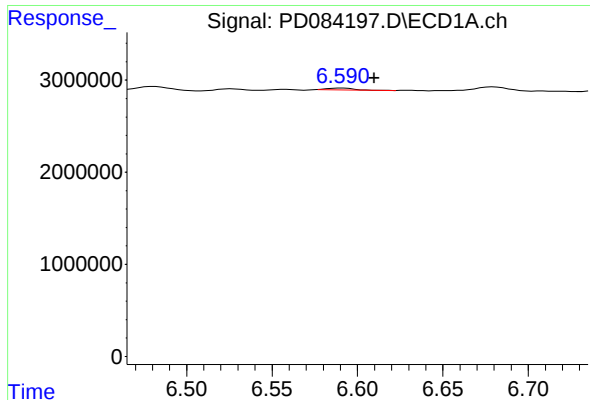
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.224 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.203 min
Delta R.T.: -0.016 min
Response: 1581898
Conc: 0.22 ng/ml



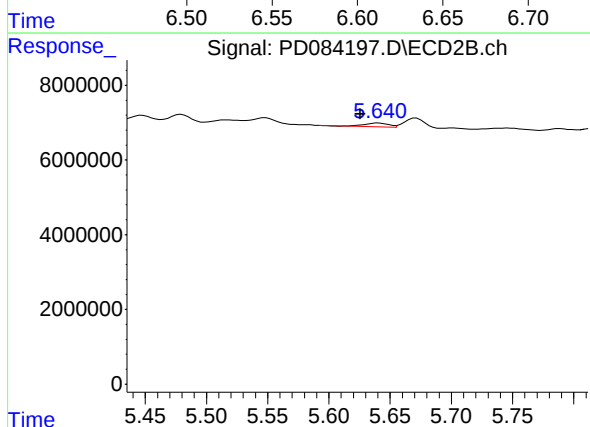
#14 Endrin

R.T.: 6.591 min
Delta R.T.: -0.019 min
Response: 182247
Conc: 0.10 ng/ml

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

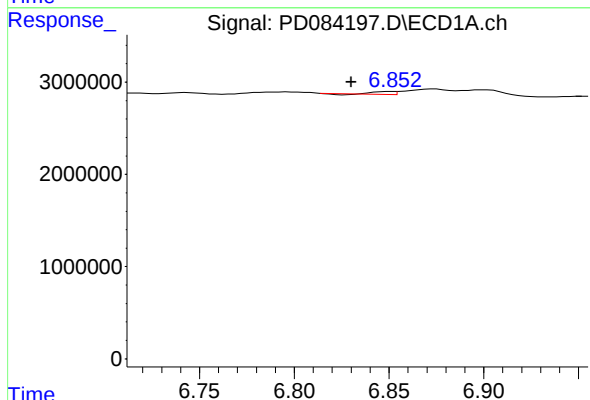
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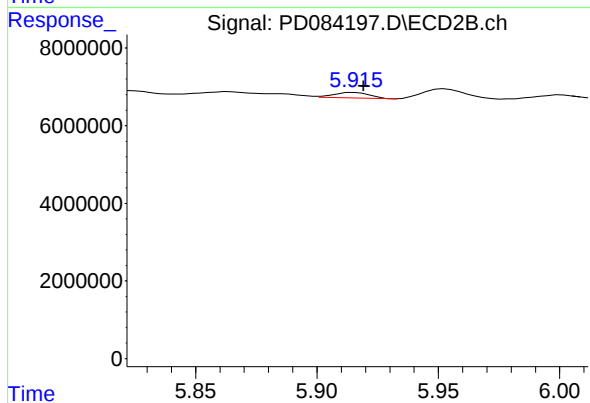
#14 Endrin

R.T.: 5.641 min
Delta R.T.: 0.015 min
Response: 1334671
Conc: 0.20 ng/ml



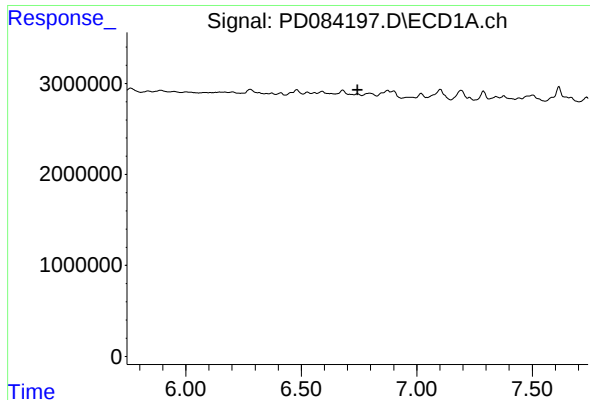
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: 0.020 min
Response: 204308
Conc: 0.11 ng/ml



#15 Endosulfan II

R.T.: 5.916 min
Delta R.T.: -0.004 min
Response: 1493042
Conc: 0.23 ng/ml



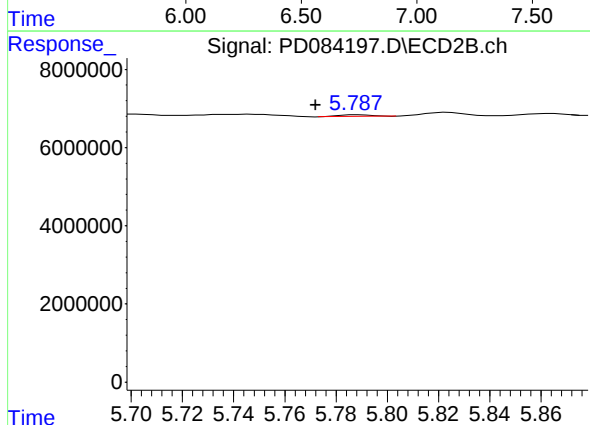
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T.: 6.743 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
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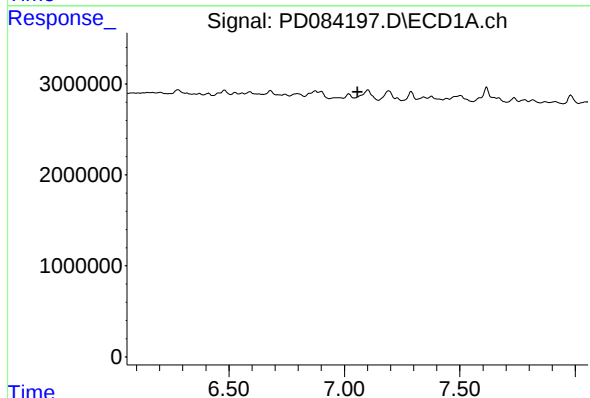
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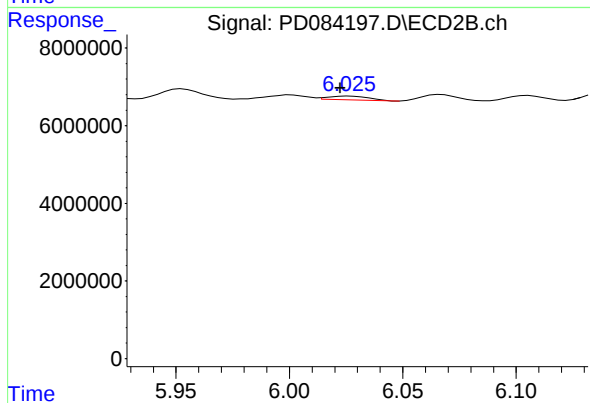
#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: 0.016 min
Response: 407531
Conc: 0.07 ng/ml



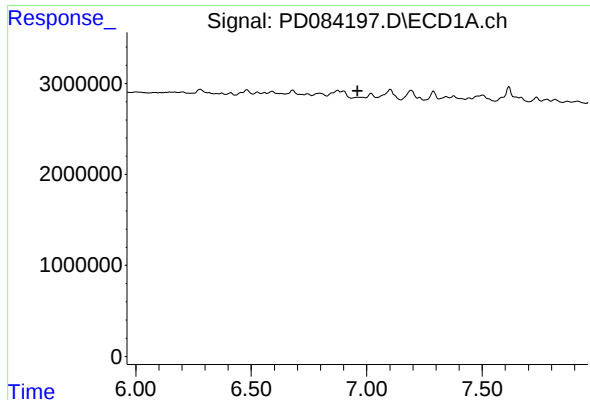
#17 4,4'-DDT

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



#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.004 min
Response: 1269077
Conc: 0.22 ng/ml



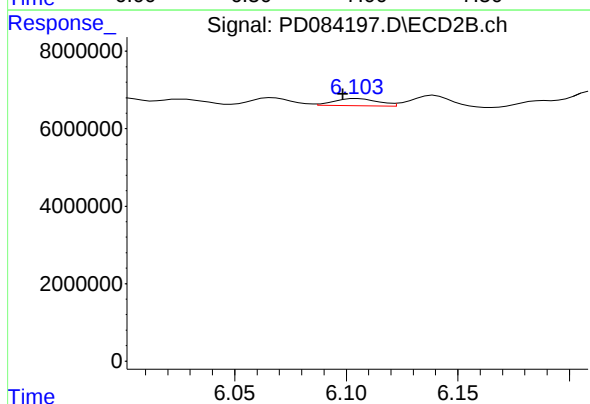
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.960 min
Response: 0
Conc: N.D.

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

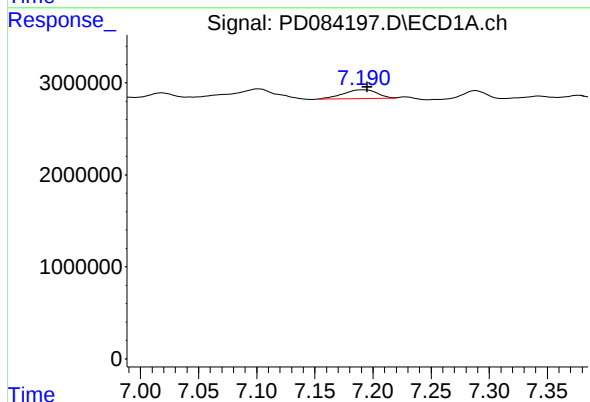
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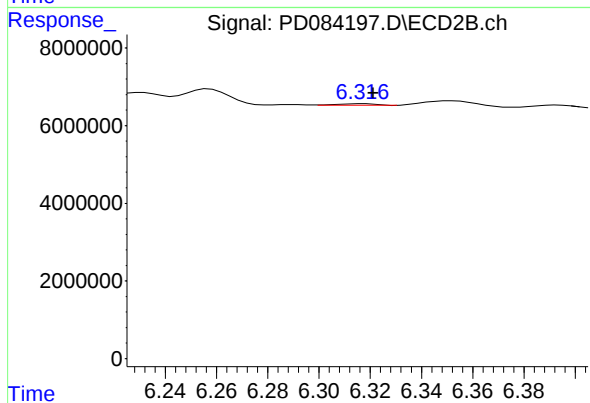
#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.006 min
Response: 2553057
Conc: 0.51 ng/ml



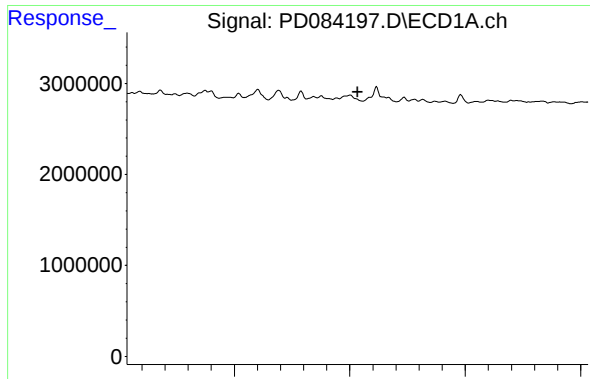
#19 Endosulfan Sulfate

R.T.: 7.192 min
Delta R.T.: -0.003 min
Response: 1993509
Conc: 1.10 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.317 min
Delta R.T.: -0.004 min
Response: 404176
Conc: 0.07 ng/ml



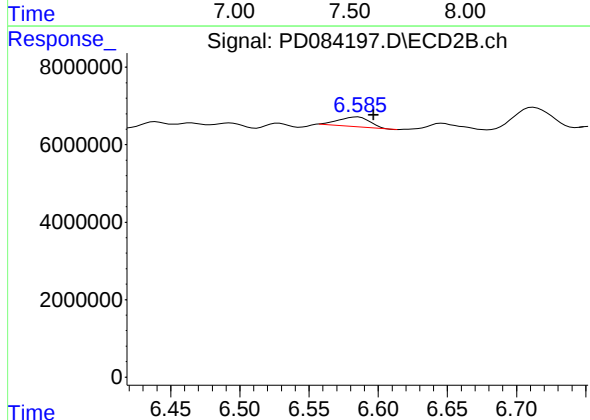
#20 Methoxychlor

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

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT3-2024

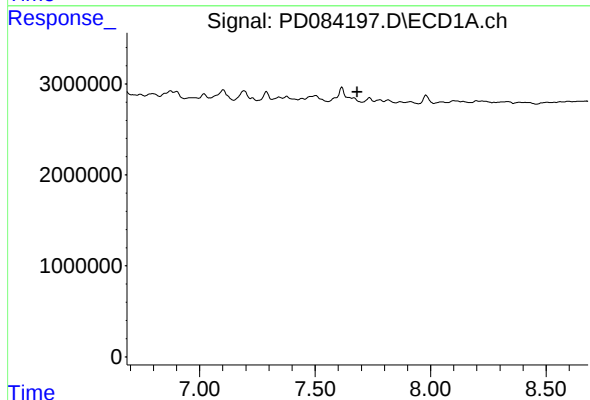
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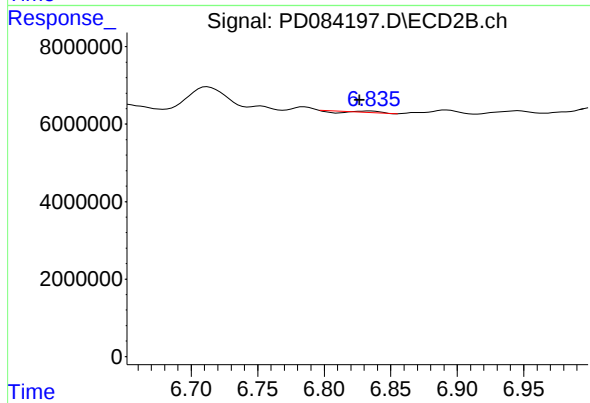
#20 Methoxychlor

R.T.: 6.585 min
Delta R.T.: -0.012 min
Response: 3886610
Conc: 1.32 ng/ml



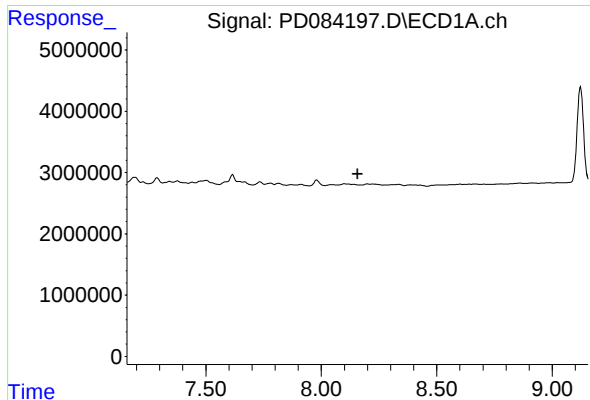
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T.: 7.682 min
Response: 0
Conc: N.D.



#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.007 min
Response: 222038
Conc: 0.03 ng/ml



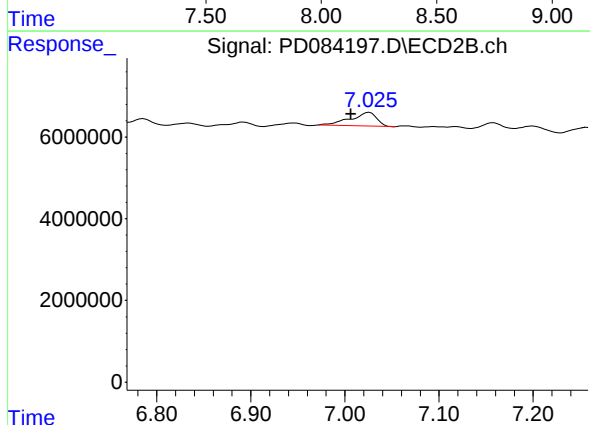
#22 Mirex

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

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

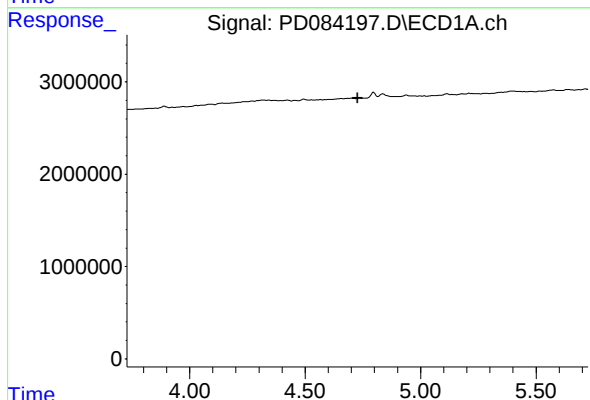
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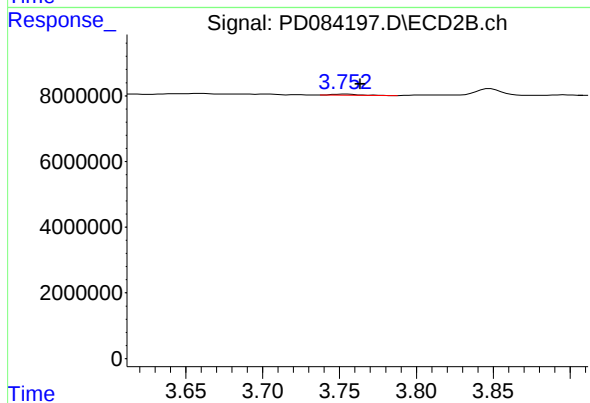
#22 Mirex

R.T.: 7.026 min
Delta R.T.: 0.019 min
Response: 6368312
Conc: 1.18 ng/ml



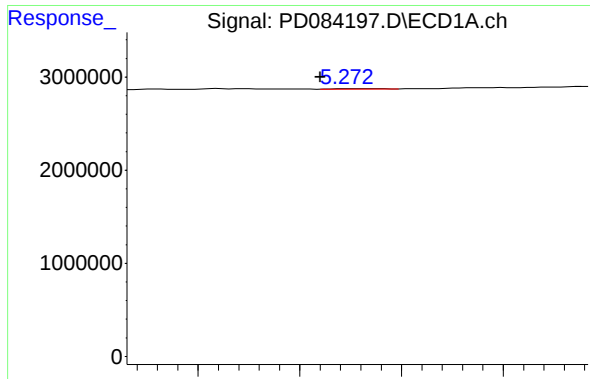
#23 Chlordane-1

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



#23 Chlordane-1

R.T.: 3.753 min
Delta R.T.: -0.010 min
Response: 410203
Conc: 1.75 ng/ml



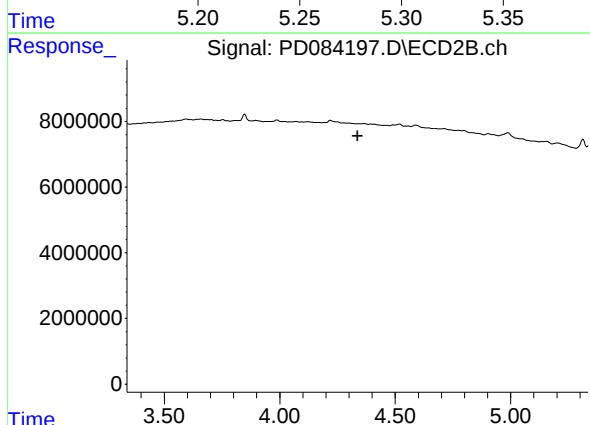
#24 Chlordane-2

R.T.: 5.274 min
Delta R.T.: 0.014 min
Response: 87074
Conc: 1.25 ng/ml

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

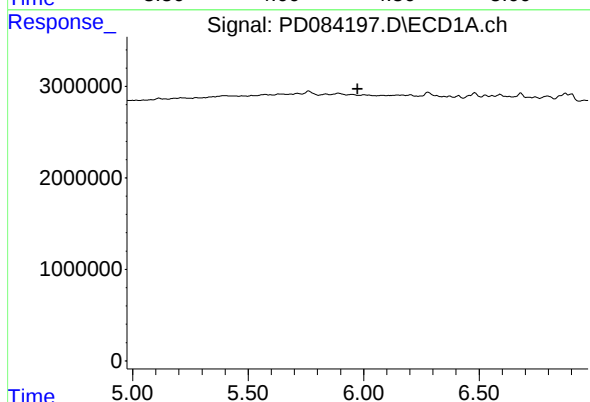
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Supervised By :Ankita Jodhani 08/05/2024



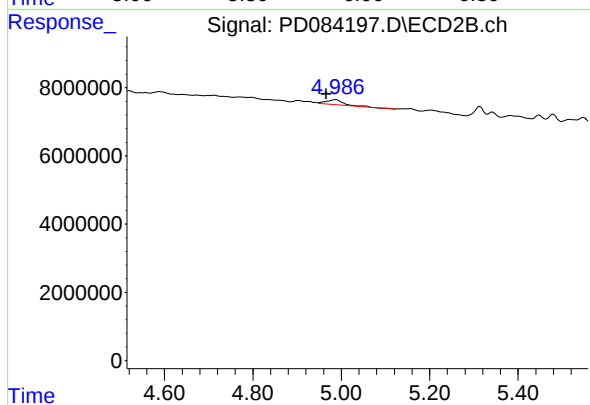
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.338 min
Response: 0
Conc: N.D.



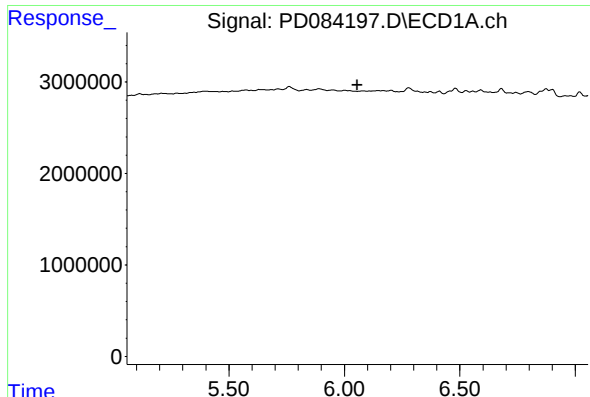
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.973 min
Response: 0
Conc: N.D.



#25 Chlordane-3

R.T.: 4.988 min
Delta R.T.: 0.021 min
Response: 3933520
Conc: 5.06 ng/ml



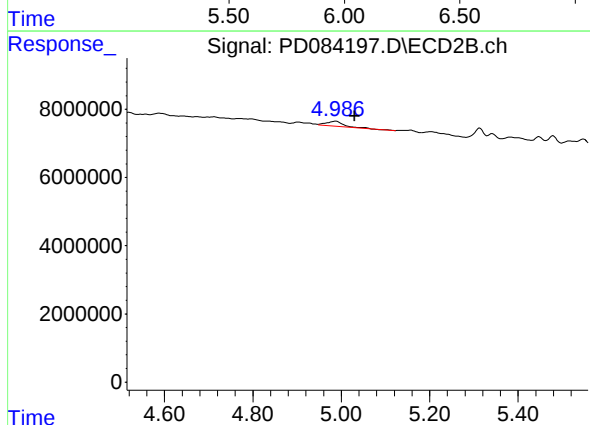
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.055 min
Response: 0
Conc: N.D.

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

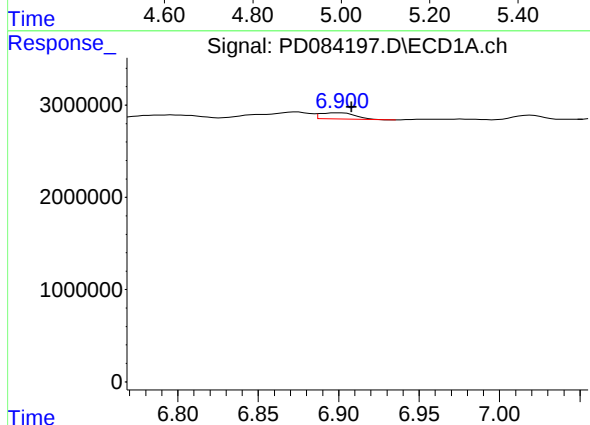
Manual Integrations
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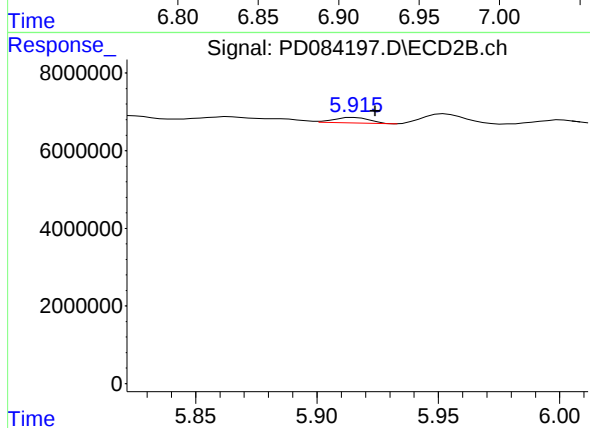
#26 Chlordane-4

R.T.: 4.988 min
Delta R.T.: -0.042 min
Response: 3933520
Conc: 5.13 ng/ml



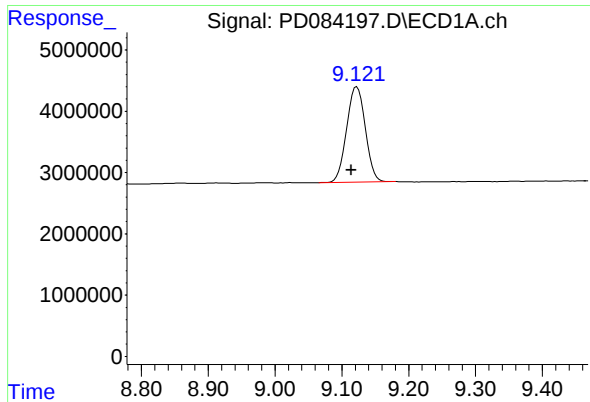
#27 Chlordane-5

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 1018451
Conc: 14.99 ng/ml



#27 Chlordane-5

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 1493042
Conc: 5.40 ng/ml



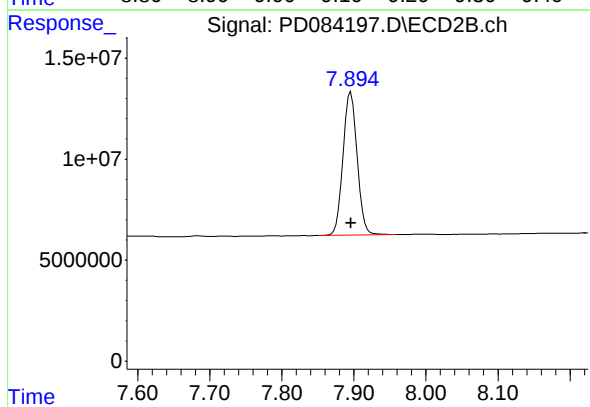
#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: 0.008 min
Response: 30194018
Conc: 13.23 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 96508659
Conc: 15.03 ng/ml