

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
 Data File : PL084689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 22:29
 Operator : AR\AJ
 Sample : 03572-09
 Misc : TOX MDL 50PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/14/2023
 Supervised By :Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 23:16:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 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...	3.478	2.686	44365093	20203253	19.094	18.579
28)	SA Decachlor...	9.031	7.867	34626278	26691690	21.281	21.408
Target Compounds							
2)	A alpha-BHC	3.936	3.219f	63882	34075	0.019	0.022
3)	MA gamma-BHC...	0.000	3.517	0	56913	N.D.	0.037 #
4)	MA Heptachlor	4.853	0.000	1137032	0	0.338	N.D. #
5)	MB Aldrin	0.000	4.130	0	7832	N.D.	0.005 #
7)	B delta-BHC	4.720	4.053	4556100	18924	1.413	0.012 #
8)	B Heptachlo...	5.634	4.653	5868013	63501	1.948	0.048 #
9)	A Endosulfan I	6.019	5.041f	139819	33003	0.053	0.027 #
10)	B gamma-Chl...	0.000	4.928f	0	589477	N.D.	0.435 #
11)	B alpha-Chl...	0.000	4.990f	0	136729	N.D.	0.100 #
12)	B 4,4'-DDE	0.000	5.178	0	57408	N.D.	0.047 #
14)	MA Endrin	6.502f	5.583f	231431	138804	0.106	0.113
15)	B Endosulfa...	0.000	5.857	0	299901	N.D.	0.249 #
17)	MA 4,4'-DDT	0.000	5.969	0	30216	N.D.	0.026 #
18)	B Endrin al...	6.892f	6.051	174289	379050	0.103	0.382 #
19)	B Endosulfa...	7.107	6.258	2315191	126952	1.159	0.107 #
22)	Mirex	0.000	6.976f	0	1254059	N.D.	1.087 #
23)	Chlordane-1	0.000	3.694	0	25172	N.D.	0.657 #
24)	Chlordane-2	0.000	4.258	0	31503	N.D.	0.629 #
25)	Chlordane-3	0.000	4.928f	0	589477	N.D.	4.255 #
26)	Chlordane-4	0.000	4.990f	0	136729	N.D.	0.953 #
27)	Chlordane-5	0.000	5.857	0	299901	N.D.	5.888 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
Data File : PL084689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2023 22:29
Operator : AR\AJ
Sample : 03572-09
Misc : TOX MDL 50PPB
ALS Vial : 21 Sample Multiplier: 1

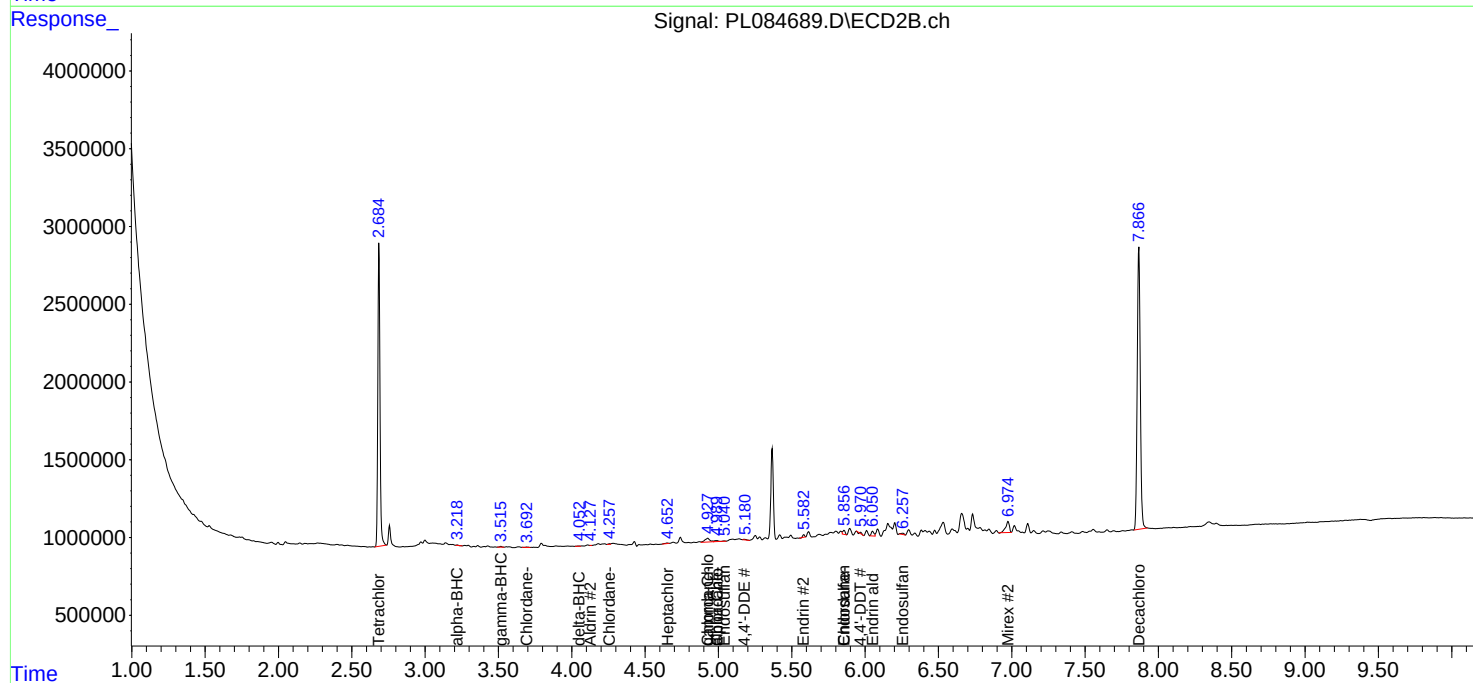
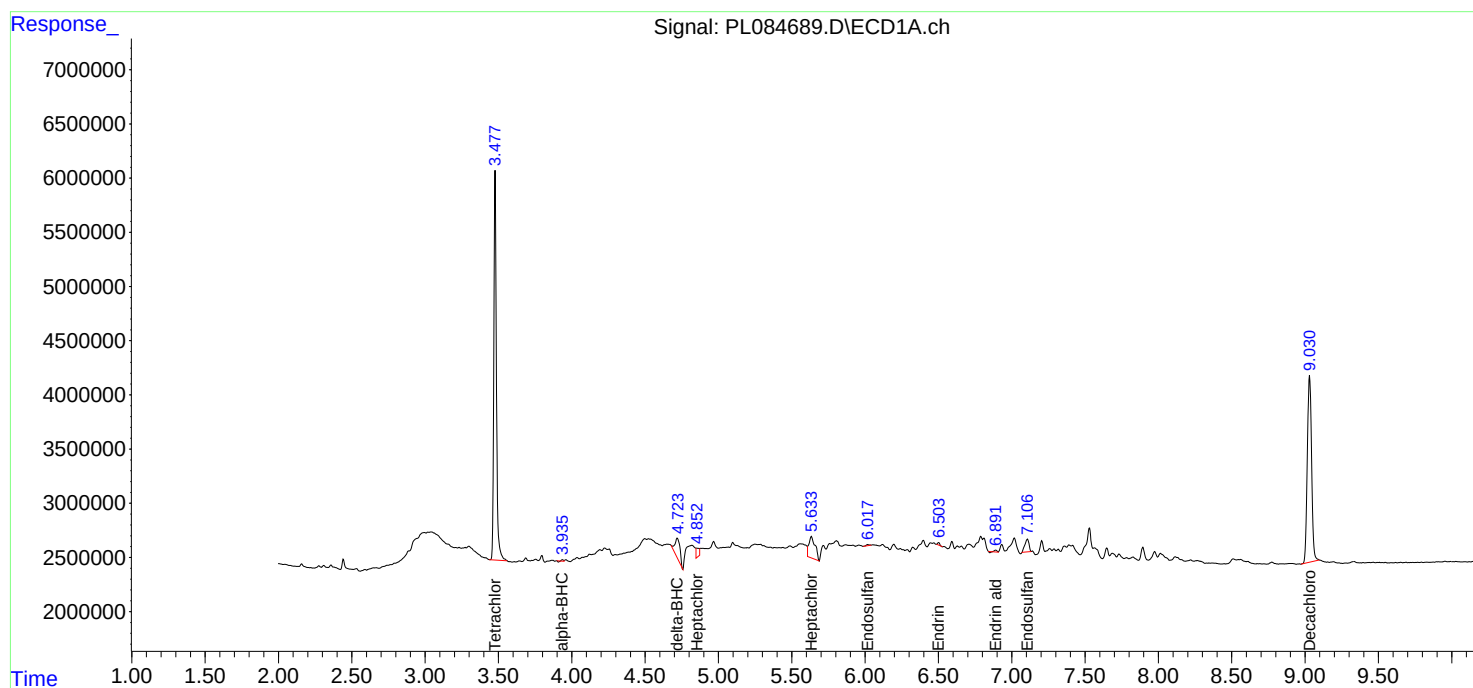
Instrument :
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ClientSampleId :
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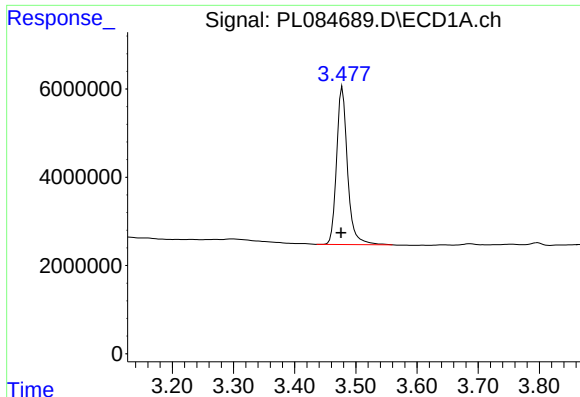
Manual Integrations
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Supervised By :Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:16:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
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





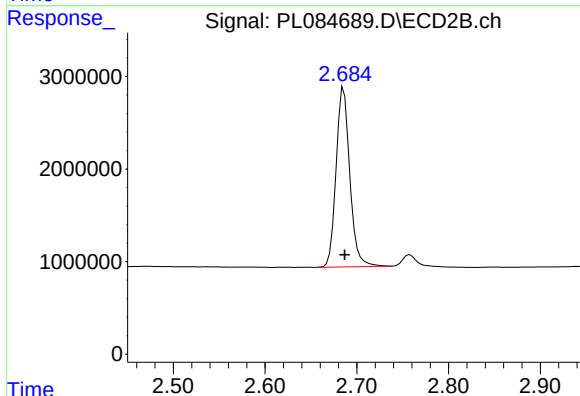
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 44365093
Conc: 19.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

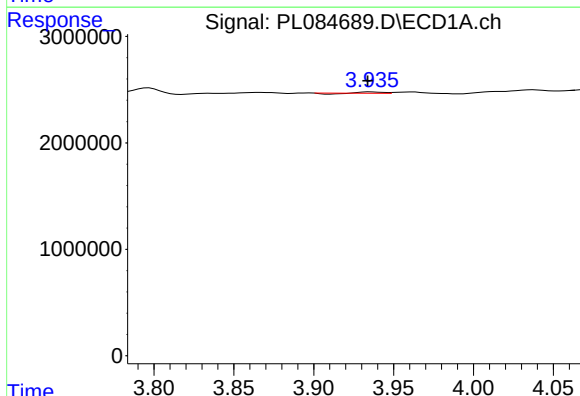
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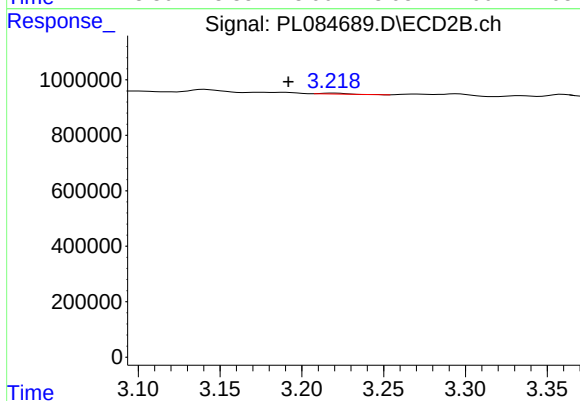
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.001 min
Response: 20203253
Conc: 18.58 ng/ml



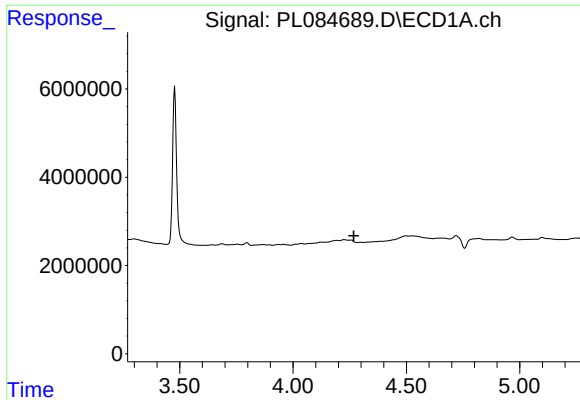
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 63882
Conc: 0.02 ng/ml



#2 alpha-BHC

R.T.: 3.219 min
Delta R.T.: 0.027 min
Response: 34075
Conc: 0.02 ng/ml



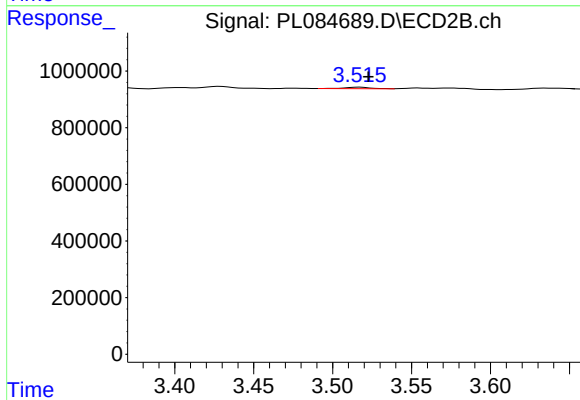
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T.: 4.268 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

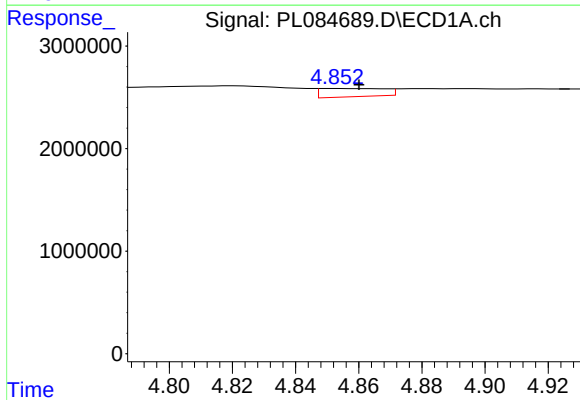
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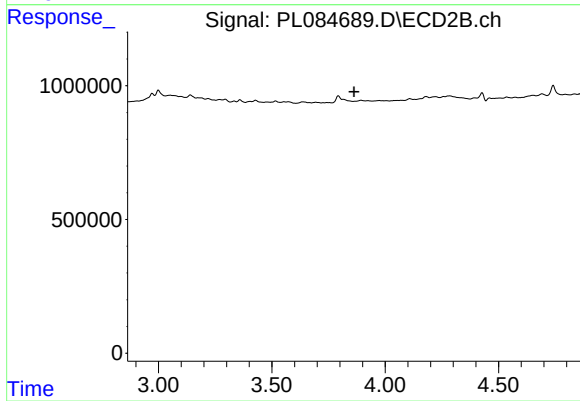
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.006 min
Response: 56913
Conc: 0.04 ng/ml



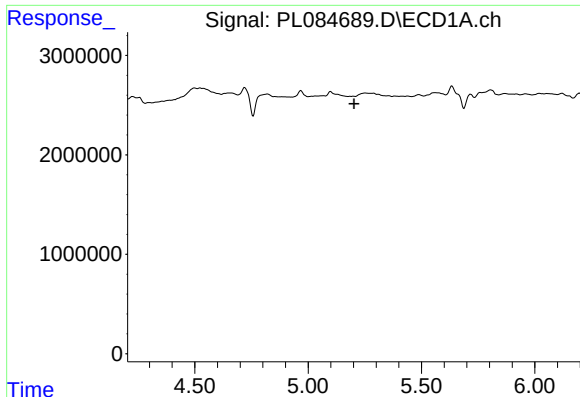
#4 Heptachlor

R.T.: 4.853 min
Delta R.T.: -0.007 min
Response: 1137032
Conc: 0.34 ng/ml



#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 3.863 min
Response: 0
Conc: N.D.



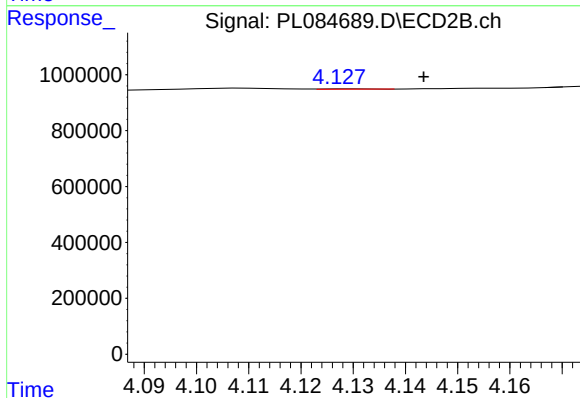
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
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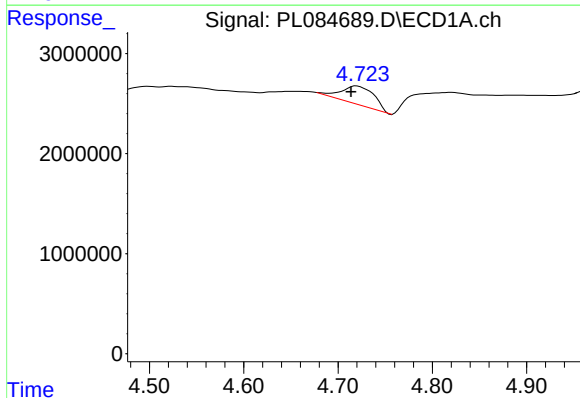
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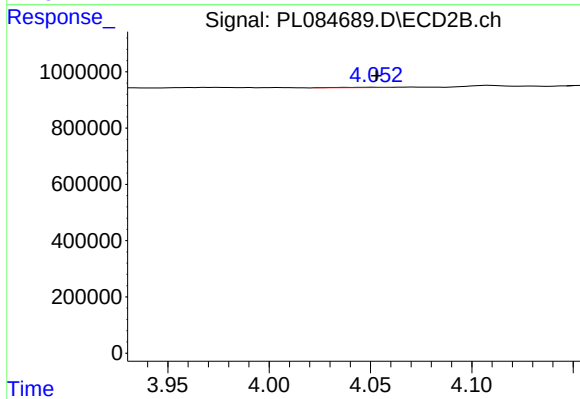
#5 Aldrin

R.T.: 4.130 min
Delta R.T.: -0.014 min
Response: 7832
Conc: 0.01 ng/ml



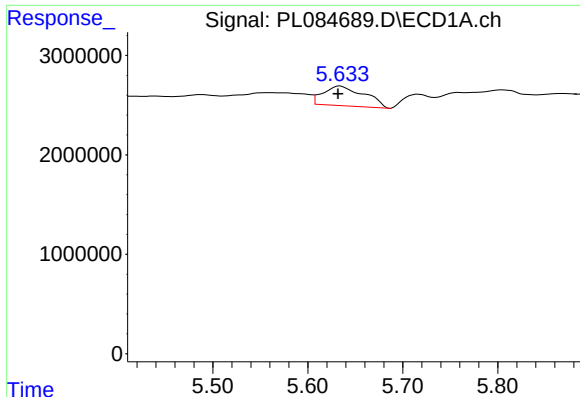
#7 delta-BHC

R.T.: 4.720 min
Delta R.T.: 0.006 min
Response: 4556100
Conc: 1.41 ng/ml



#7 delta-BHC

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 18924
Conc: 0.01 ng/ml



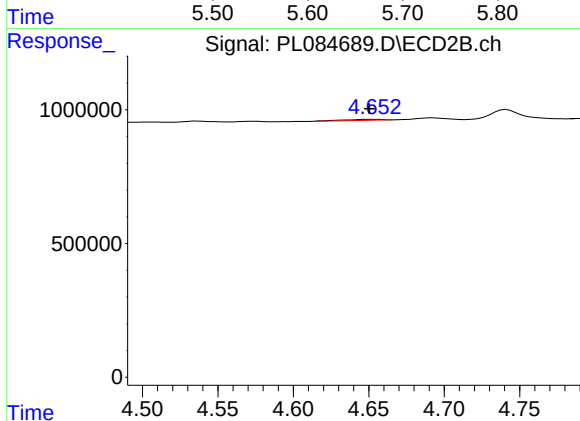
#8 Heptachlor epoxide

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 5868013
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#8 Heptachlor epoxide

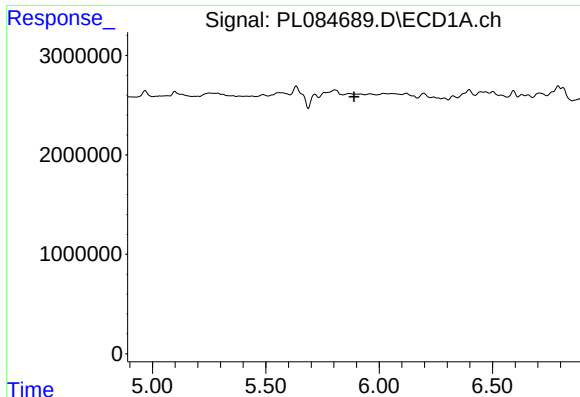
R.T.: 4.653 min
Delta R.T.: 0.003 min
Response: 63501
Conc: 0.05 ng/ml

#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 139819
Conc: 0.05 ng/ml

#9 Endosulfan I

R.T.: 5.041 min
Delta R.T.: 0.021 min
Response: 33003
Conc: 0.03 ng/ml



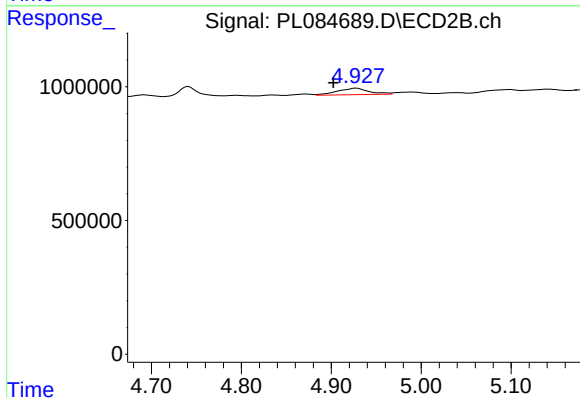
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.889 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

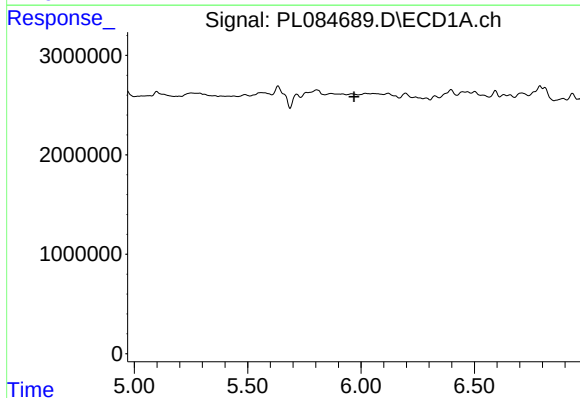
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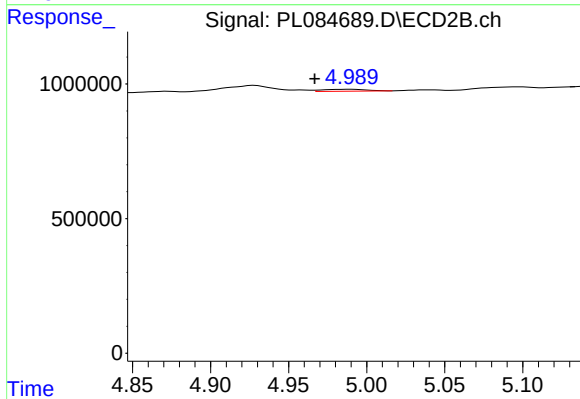
#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.026 min
Response: 589477
Conc: 0.43 ng/ml



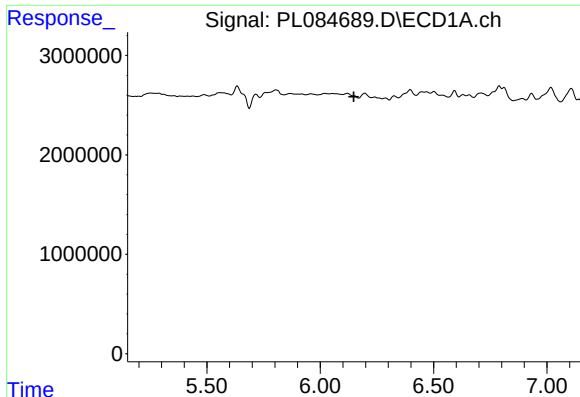
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.970 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

R.T.: 4.990 min
Delta R.T.: 0.023 min
Response: 136729
Conc: 0.10 ng/ml



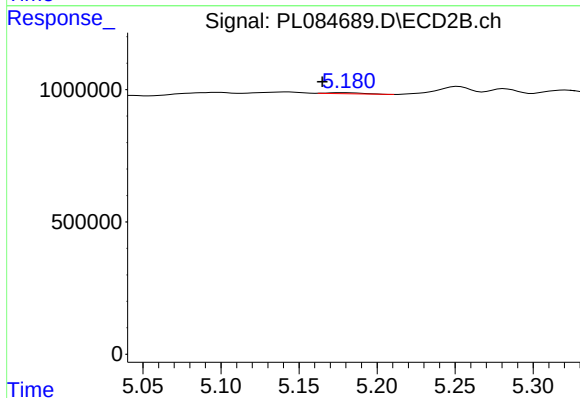
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

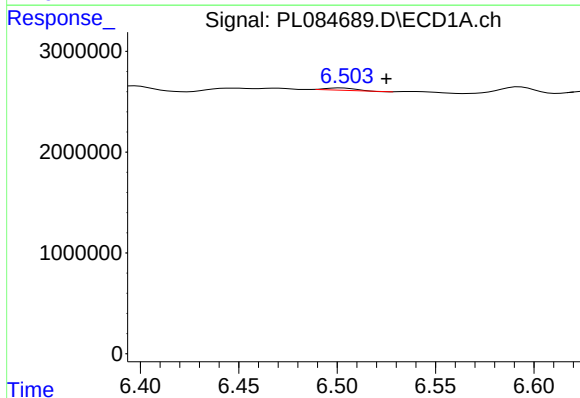
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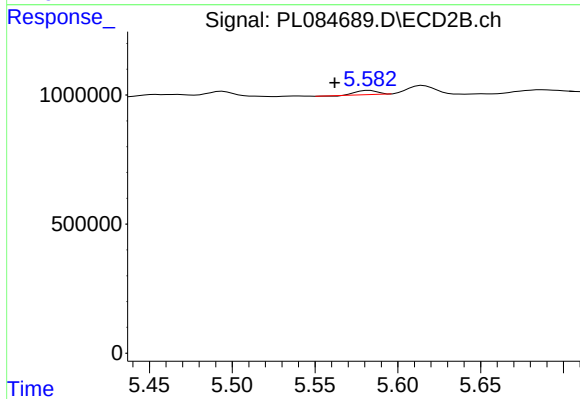
#12 4,4'-DDE

R.T.: 5.178 min
Delta R.T.: 0.013 min
Response: 57408
Conc: 0.05 ng/ml



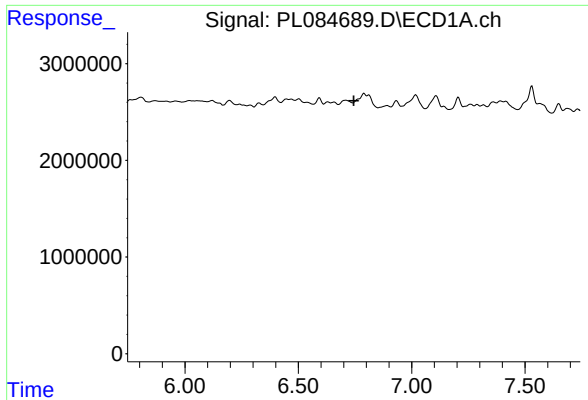
#14 Endrin

R.T.: 6.502 min
Delta R.T.: -0.023 min
Response: 231431
Conc: 0.11 ng/ml



#14 Endrin

R.T.: 5.583 min
Delta R.T.: 0.021 min
Response: 138804
Conc: 0.11 ng/ml



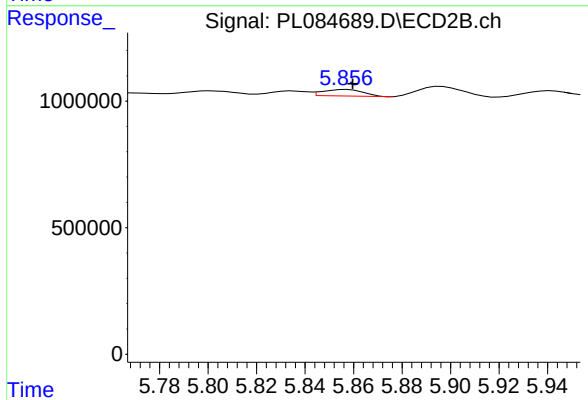
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T.: 6.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

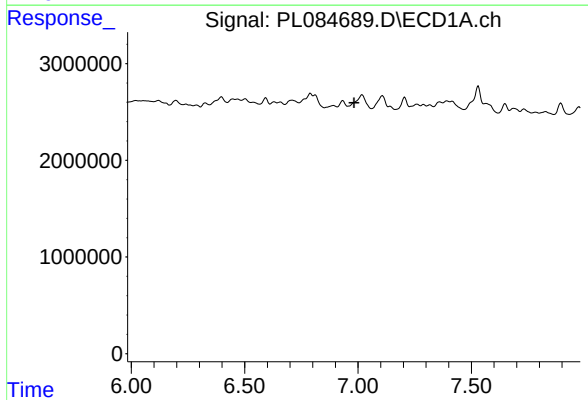
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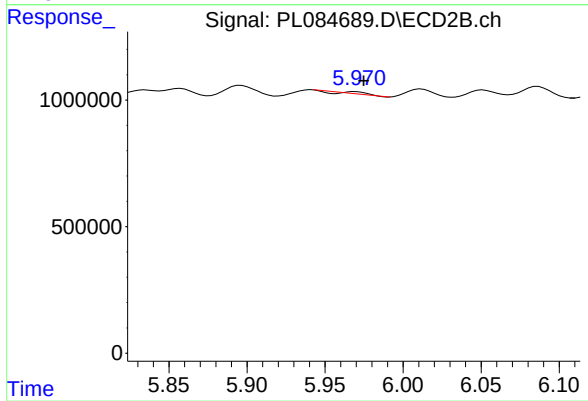
#15 Endosulfan II

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 299901
Conc: 0.25 ng/ml



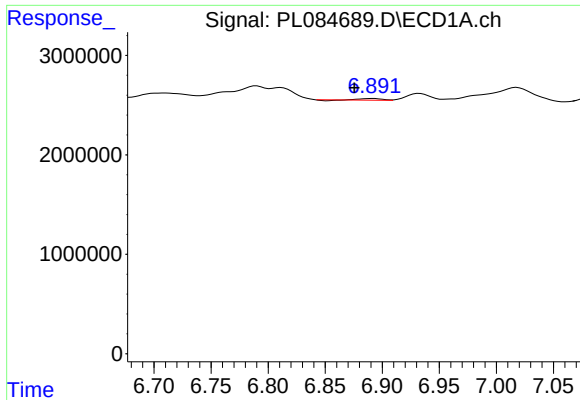
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.983 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 30216
Conc: 0.03 ng/ml



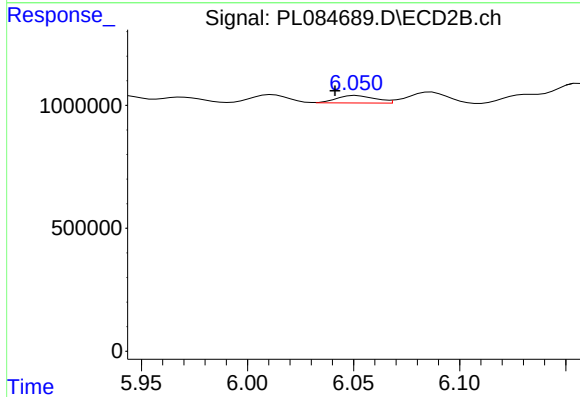
#18 Endrin aldehyde

R.T.: 6.892 min
Delta R.T.: 0.016 min
Response: 174289
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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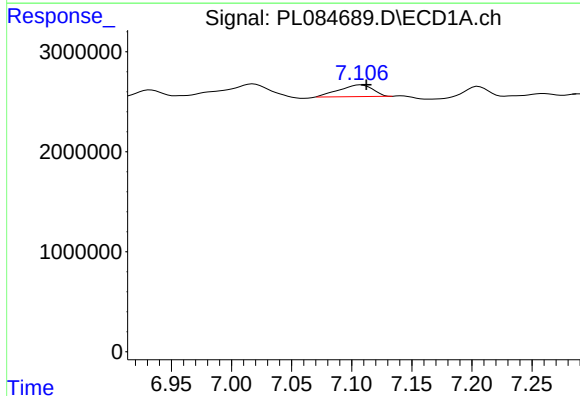
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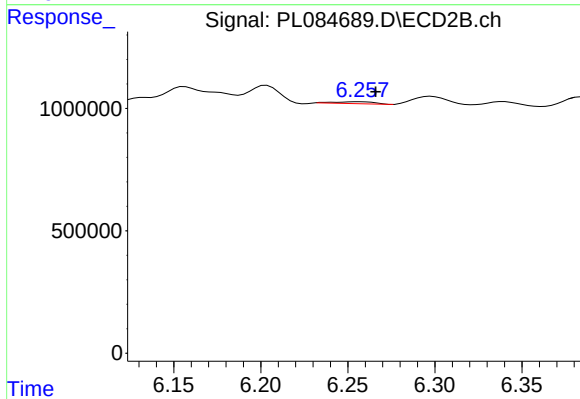
#18 Endrin aldehyde

R.T.: 6.051 min
Delta R.T.: 0.010 min
Response: 379050
Conc: 0.38 ng/ml



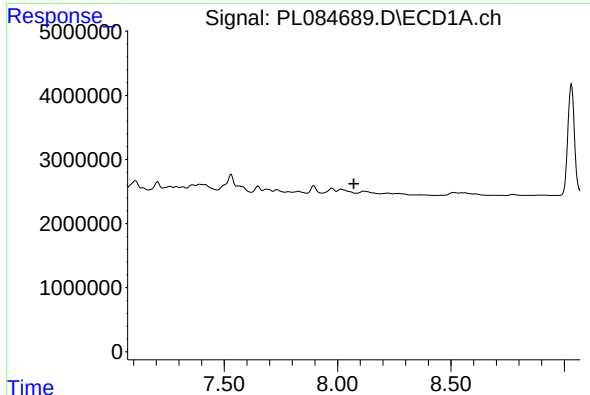
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.005 min
Response: 2315191
Conc: 1.16 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.009 min
Response: 126952
Conc: 0.11 ng/ml



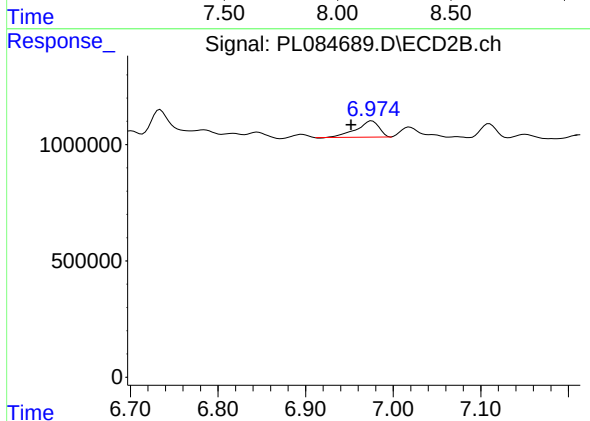
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

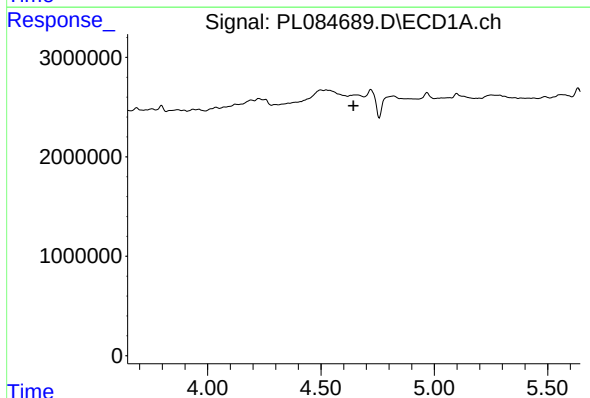
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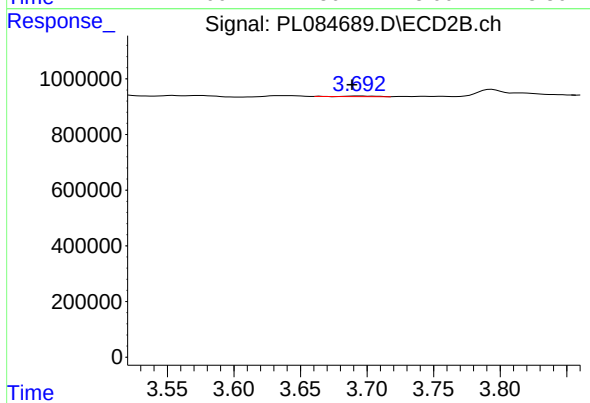
#22 Mirex

R.T.: 6.976 min
Delta R.T.: 0.024 min
Response: 1254059
Conc: 1.09 ng/ml



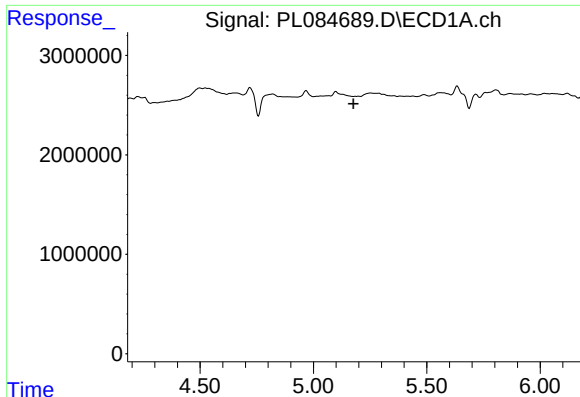
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.644 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.694 min
Delta R.T.: 0.005 min
Response: 25172
Conc: 0.66 ng/ml



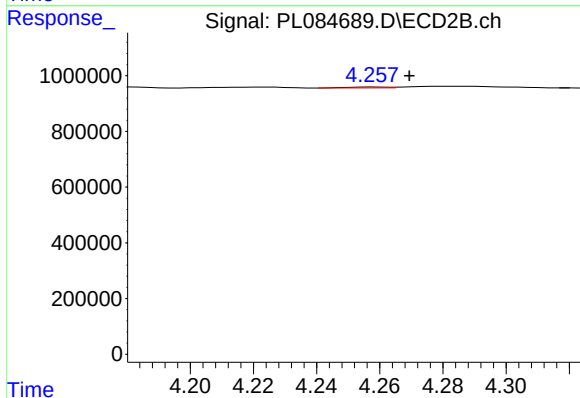
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.177 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

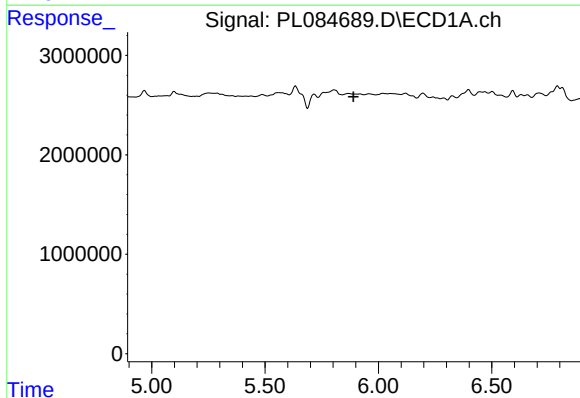
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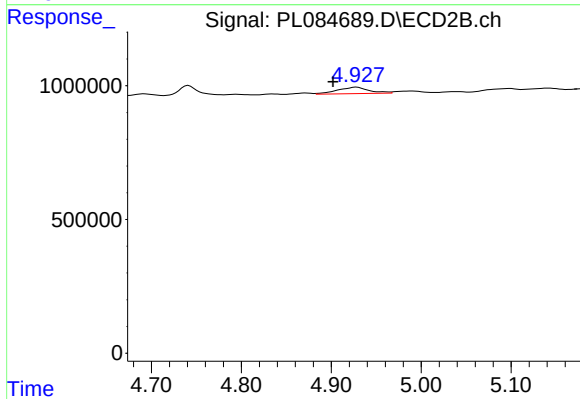
#24 Chlordane-2

R.T.: 4.258 min
Delta R.T.: -0.011 min
Response: 31503
Conc: 0.63 ng/ml



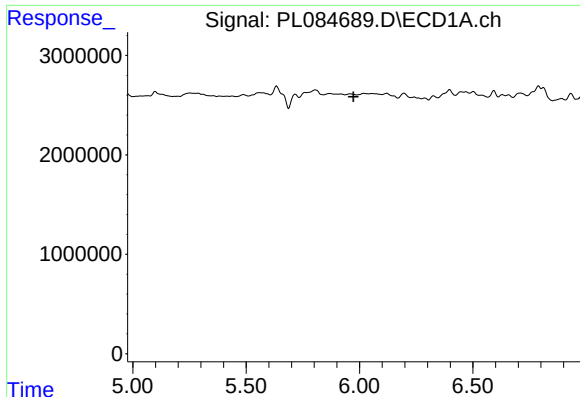
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.890 min
Response: 0
Conc: N.D.



#25 Chlordane-3

R.T.: 4.928 min
Delta R.T.: 0.026 min
Response: 589477
Conc: 4.26 ng/ml



#26 Chlordane-4

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

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

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#26 Chlordane-4

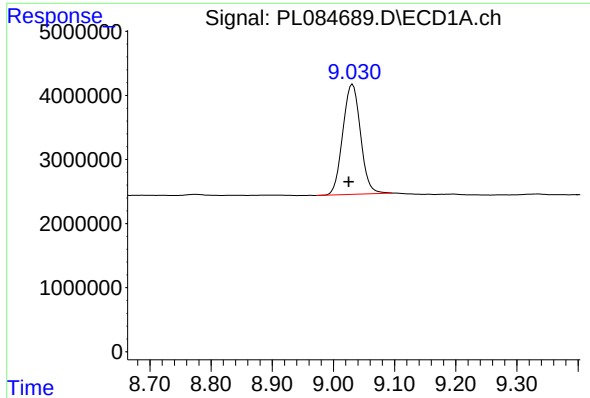
R.T.: 4.990 min
Delta R.T.: 0.025 min
Response: 136729
Conc: 0.95 ng/ml

#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.824 min
Response: 0
Conc: N.D.

#27 Chlordane-5

R.T.: 5.857 min
Delta R.T.: -0.007 min
Response: 299901
Conc: 5.89 ng/ml



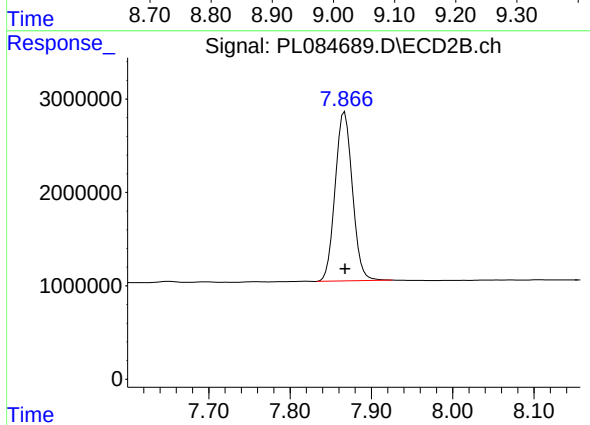
#28 Decachlorobiphenyl

R.T.: 9.031 min
Delta R.T.: 0.006 min
Response: 34626278
Conc: 21.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/14/2023
Supervised By :Ankita Jodhani 08/14/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 26691690
Conc: 21.41 ng/ml