

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
 Data File : PL084686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 16:43
 Operator : AR\AJ
 Sample : 03572-08
 Misc : TOX LOQ 100PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-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 23:14:47 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...	3.488	2.687	39617576	19797359	17.051	18.206
28)	SA Decachlor...	9.041	7.871	32934648	26159789	20.241	20.982
Target Compounds							
2)	A alpha-BHC	0.000	3.188	0	94007	N.D.	0.061 #
3)	MA gamma-BHC...	0.000	3.518	0	90138	N.D.	0.059 #
4)	MA Heptachlor	4.856	0.000	2785423	0	0.828	N.D. #
5)	MB Aldrin	0.000	4.156	0	16002	N.D.	0.011 #
7)	B delta-BHC	4.731f	4.037f	5698724	1640	1.767	0.001 #
8)	B Heptachlo...	5.646	4.653	3428462	96085	1.138	0.072 #
9)	A Endosulfan I	0.000	4.995f	0	149172	N.D.	0.120 #
10)	B gamma-Chl...	5.870f	4.931f	302976	1051336	0.106	0.775 #
11)	B alpha-Chl...	5.959	4.995f	352826	149172	0.125	0.109
12)	B 4,4'-DDE	6.127f	5.176	264178	45295	0.115	0.037 #
13)	MA Dieldrin	6.297	5.284	289546	35823	0.110	0.026 #
14)	MA Endrin	6.511	5.587f	498348	183553	0.228	0.150 #
15)	B Endosulfa...	0.000	5.861	0	591178	N.D.	0.490 #
17)	MA 4,4'-DDT	0.000	5.973	0	176379	N.D.	0.152 #
18)	B Endrin al...	6.902f	6.056	-322707	605555	N.D.	0.611
19)	B Endosulfa...	7.115	6.263	5220176	198277	2.613	0.167 #
21)	B Endrin ke...	7.586	6.787f	2184251	-1500459	1.092	N.D. #
23)	Chlordane-1	0.000	3.700	0	28251	N.D.	0.737 #
25)	Chlordane-3	5.870f	4.931f	302976	1051336	0.751	7.589 #
26)	Chlordane-4	5.959	4.995f	352826	149172	0.728	1.039 #
27)	Chlordane-5	6.822	5.861	1535113	591178	20.621	11.607 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
Data File : PL084686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2023 16:43
Operator : AR\AJ
Sample : 03572-08
Misc : TOX LOQ 100PPB
ALS Vial : 17 Sample Multiplier: 1

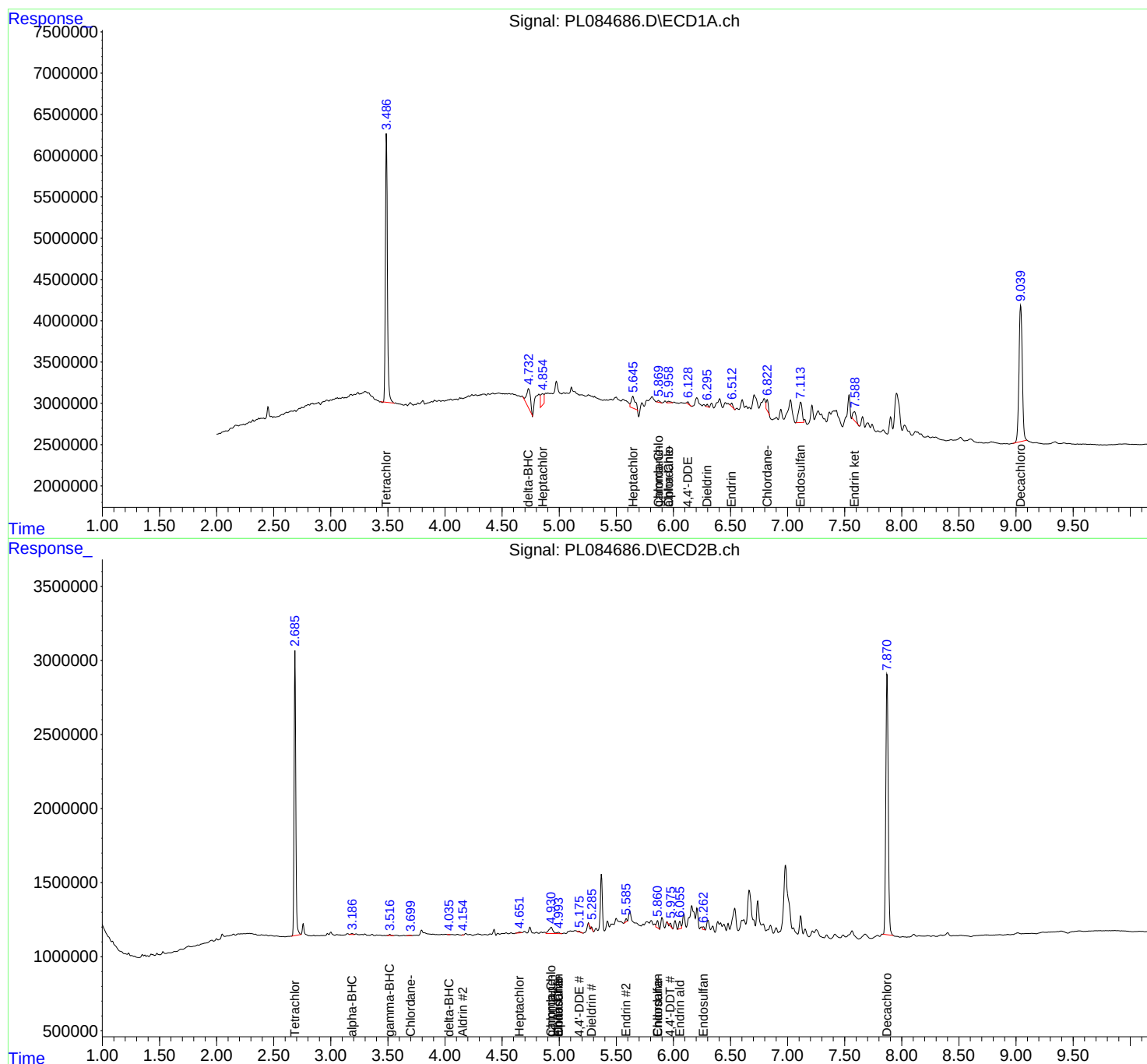
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

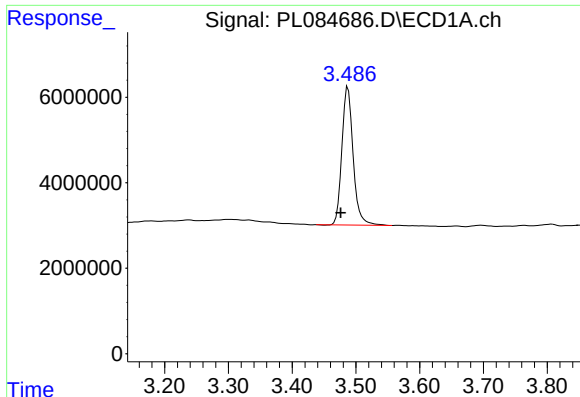
Manual Integrations
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Reviewed By : Abdul Mirza 08/14/2023
Supervised By : Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 23:14:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
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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





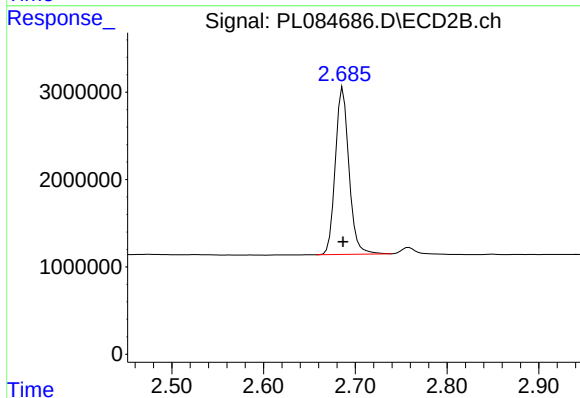
#1 Tetrachloro-m-xylene

R.T.: 3.488 min
Delta R.T.: 0.012 min
Response: 39617576
Conc: 17.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

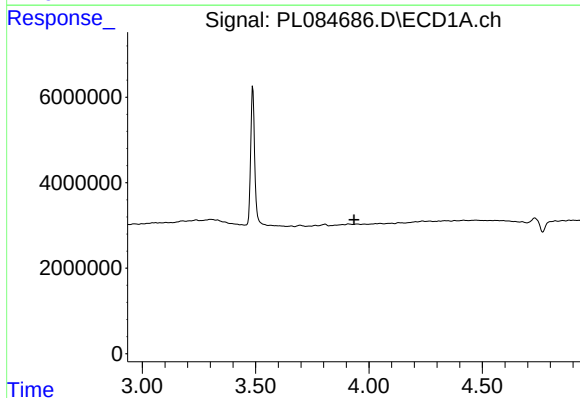
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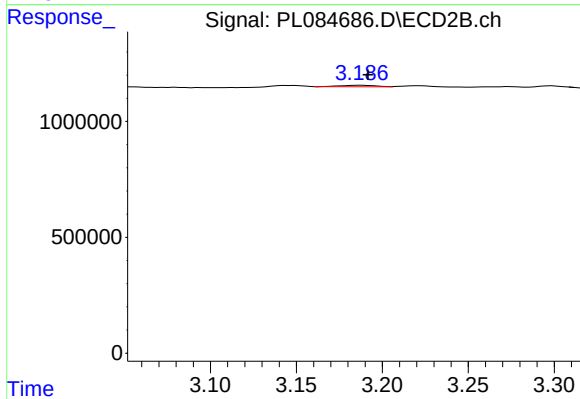
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 19797359
Conc: 18.21 ng/ml



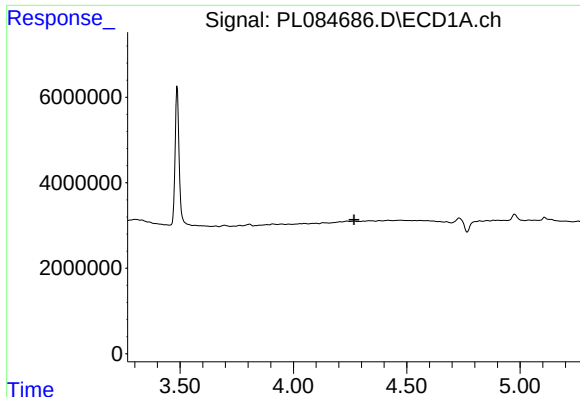
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.934 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 94007
Conc: 0.06 ng/ml



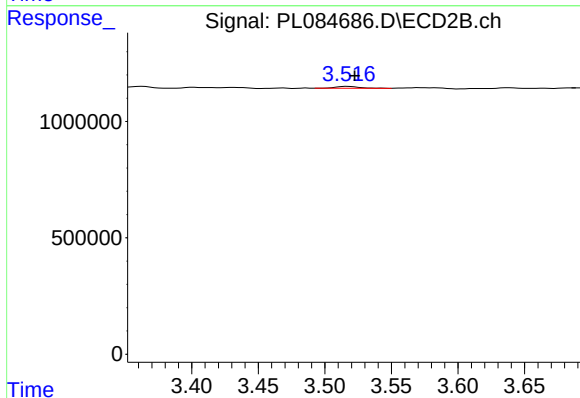
#3 gamma-BHC (Lindane)

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

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

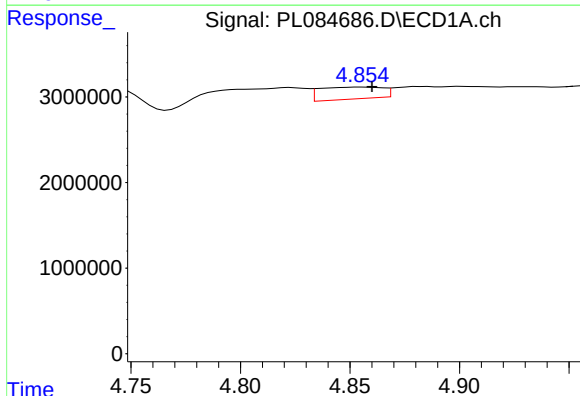
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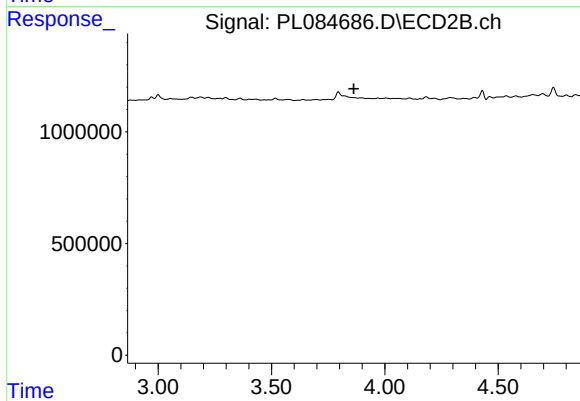
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.005 min
Response: 90138
Conc: 0.06 ng/ml



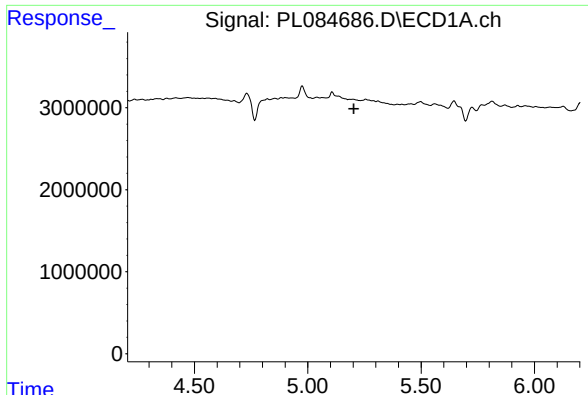
#4 Heptachlor

R.T.: 4.856 min
Delta R.T.: -0.004 min
Response: 2785423
Conc: 0.83 ng/ml



#4 Heptachlor

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



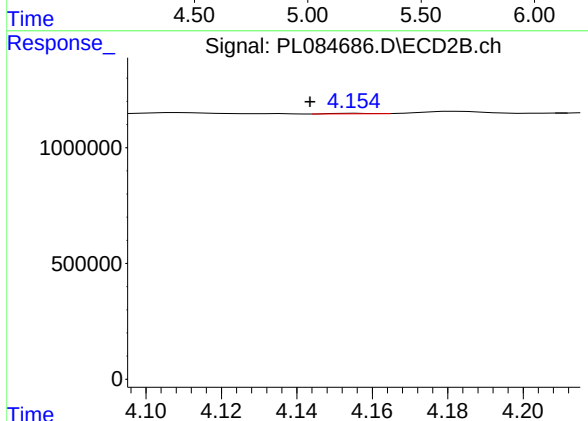
#5 Aldrin

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

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

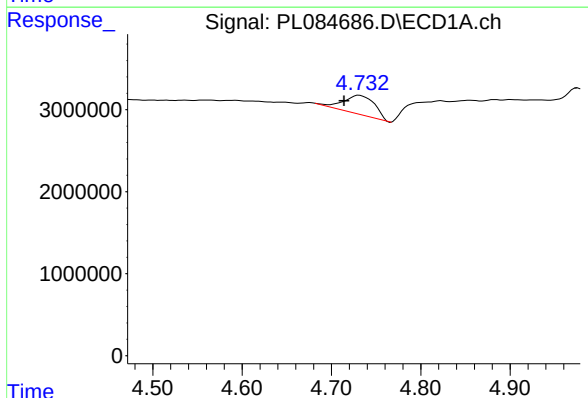
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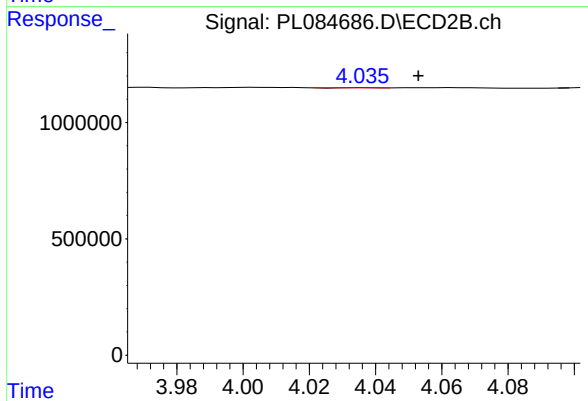
#5 Aldrin

R.T.: 4.156 min
Delta R.T.: 0.012 min
Response: 16002
Conc: 0.01 ng/ml



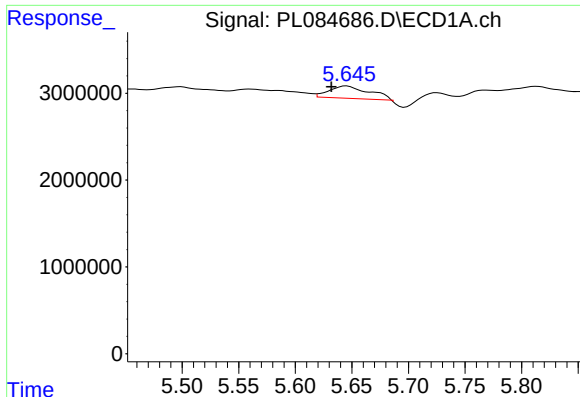
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: 0.017 min
Response: 5698724
Conc: 1.77 ng/ml



#7 delta-BHC

R.T.: 4.037 min
Delta R.T.: -0.016 min
Response: 1640
Conc: 0.00 ng/ml



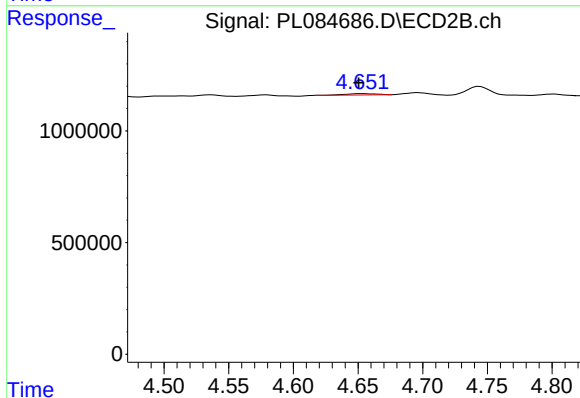
#8 Heptachlor epoxide

R.T.: 5.646 min
Delta R.T.: 0.013 min
Response: 3428462
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

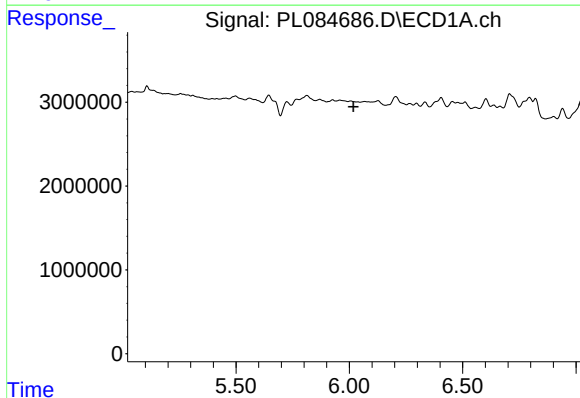
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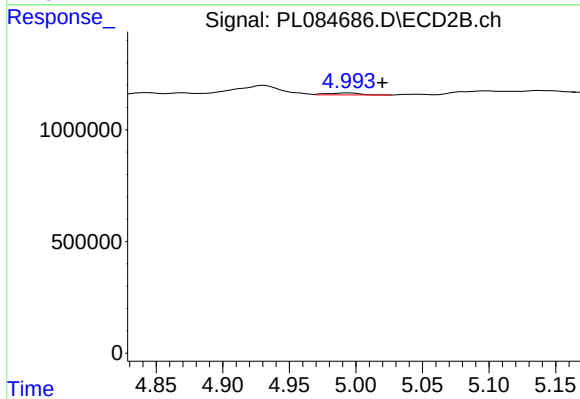
#8 Heptachlor epoxide

R.T.: 4.653 min
Delta R.T.: 0.002 min
Response: 96085
Conc: 0.07 ng/ml



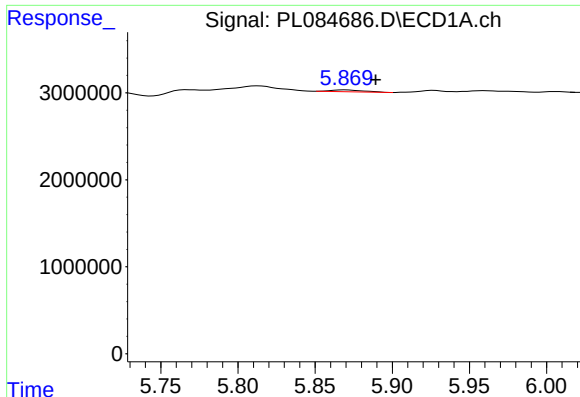
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.018 min
Response: 0
Conc: N.D.



#9 Endosulfan I

R.T.: 4.995 min
Delta R.T.: -0.025 min
Response: 149172
Conc: 0.12 ng/ml



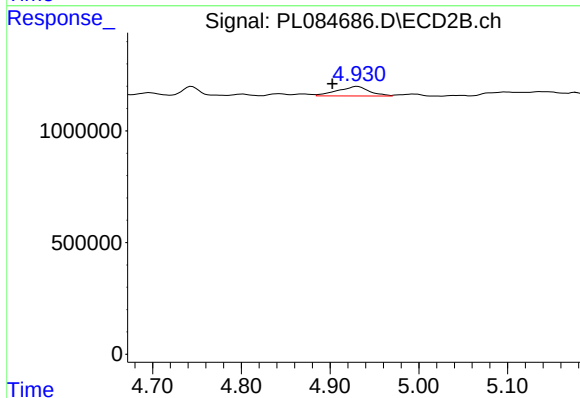
#10 gamma-Chlordane

R.T.: 5.870 min
Delta R.T.: -0.019 min
Response: 302976
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

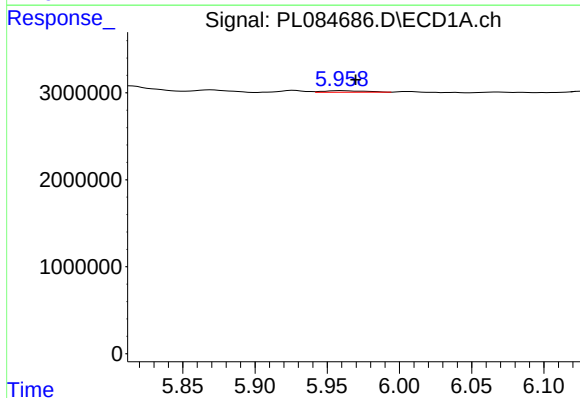
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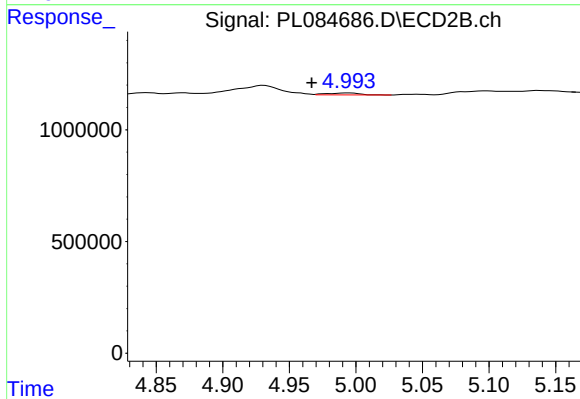
#10 gamma-Chlordane

R.T.: 4.931 min
Delta R.T.: 0.028 min
Response: 1051336
Conc: 0.78 ng/ml



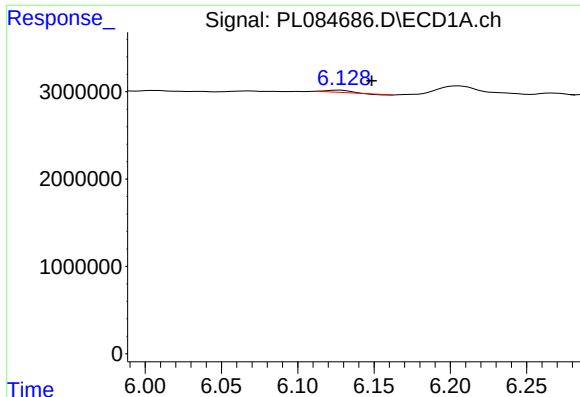
#11 alpha-Chlordane

R.T.: 5.959 min
Delta R.T.: -0.010 min
Response: 352826
Conc: 0.12 ng/ml



#11 alpha-Chlordane

R.T.: 4.995 min
Delta R.T.: 0.028 min
Response: 149172
Conc: 0.11 ng/ml



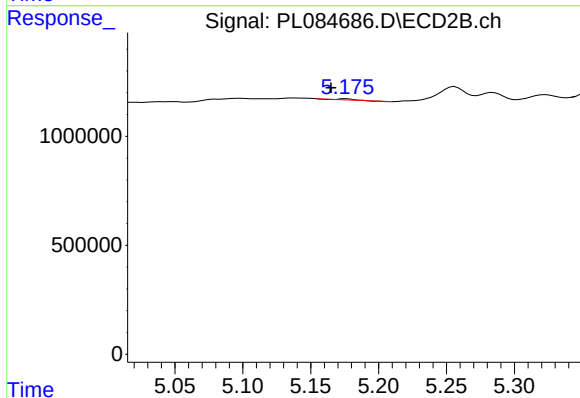
#12 4,4'-DDE

R.T.: 6.127 min
Delta R.T.: -0.021 min
Response: 264178
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

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#12 4,4'-DDE

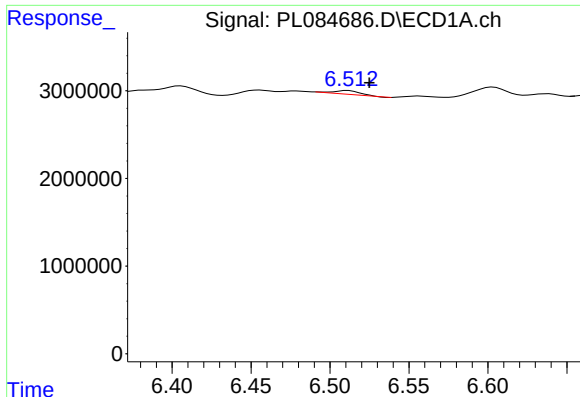
R.T.: 5.176 min
Delta R.T.: 0.011 min
Response: 45295
Conc: 0.04 ng/ml

#13 Dieldrin

R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 289546
Conc: 0.11 ng/ml

#13 Dieldrin

R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 35823
Conc: 0.03 ng/ml



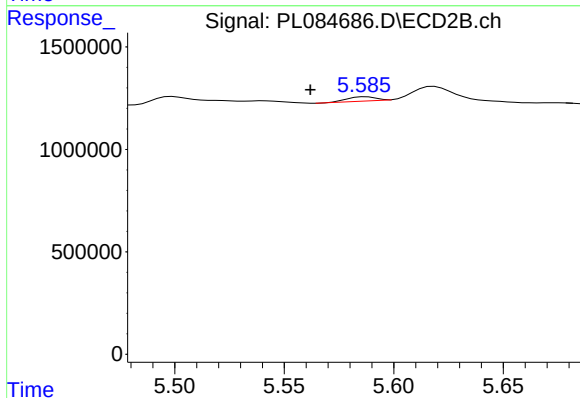
#14 Endrin

R.T.: 6.511 min
Delta R.T.: -0.014 min
Response: 498348
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

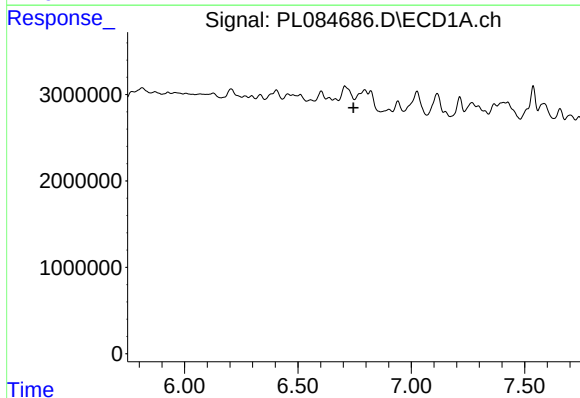
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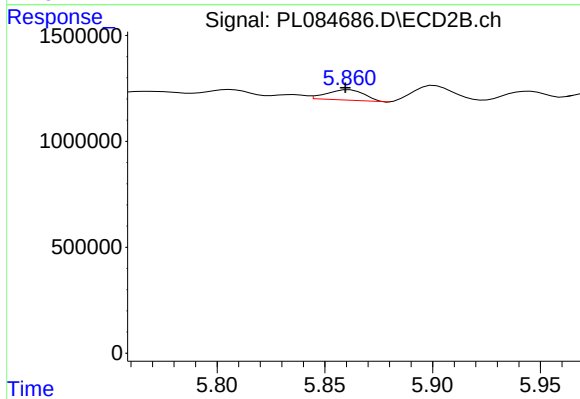
#14 Endrin

R.T.: 5.587 min
Delta R.T.: 0.025 min
Response: 183553
Conc: 0.15 ng/ml



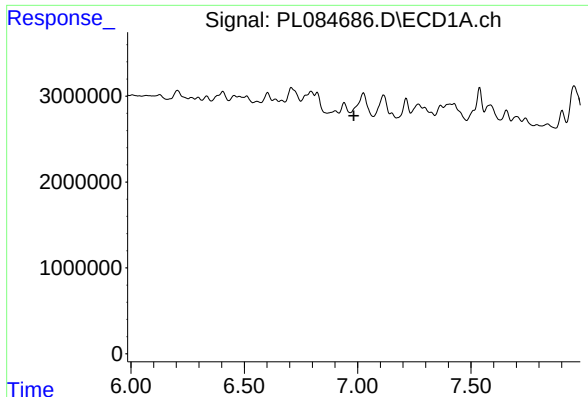
#15 Endosulfan II

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



#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 591178
Conc: 0.49 ng/ml



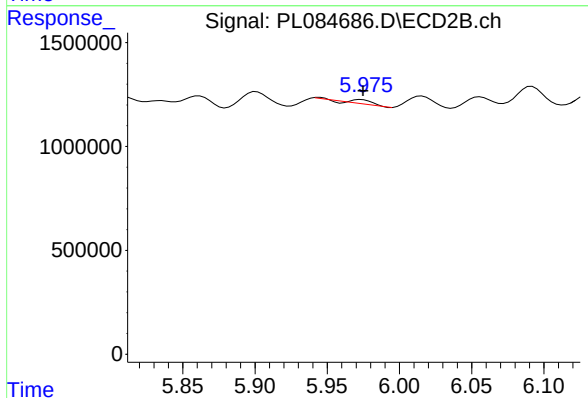
#17 4,4'-DDT

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

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

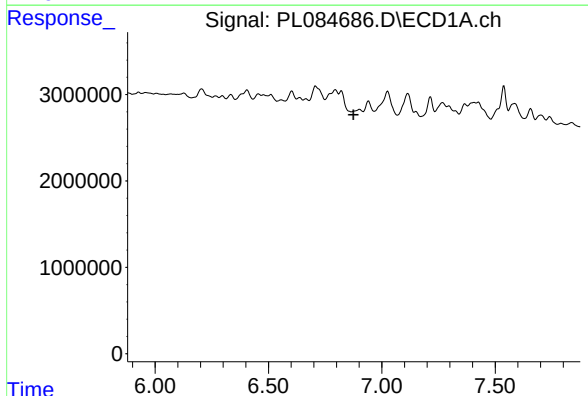
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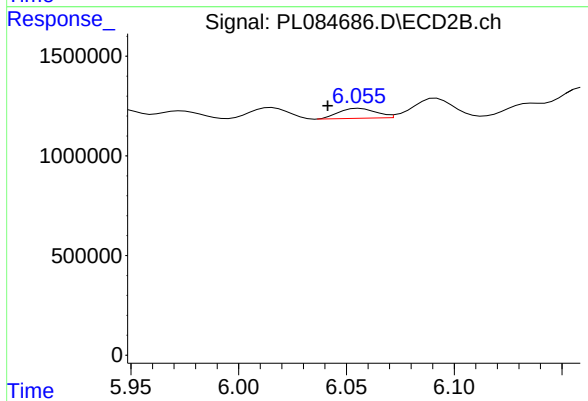
#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.001 min
Response: 176379
Conc: 0.15 ng/ml



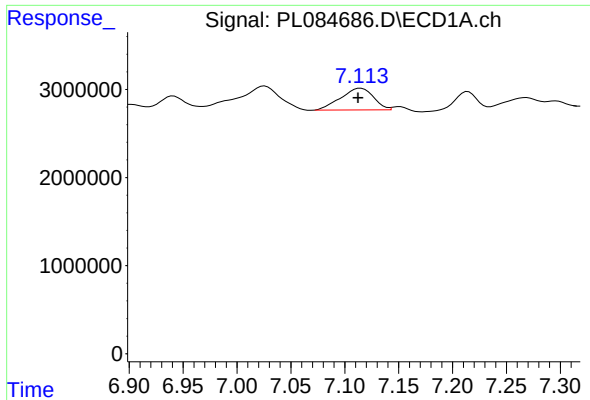
#18 Endrin aldehyde

R.T.: 6.902 min
Delta R.T.: 0.026 min
Response: -322707
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.056 min
Delta R.T.: 0.015 min
Response: 605555
Conc: 0.61 ng/ml



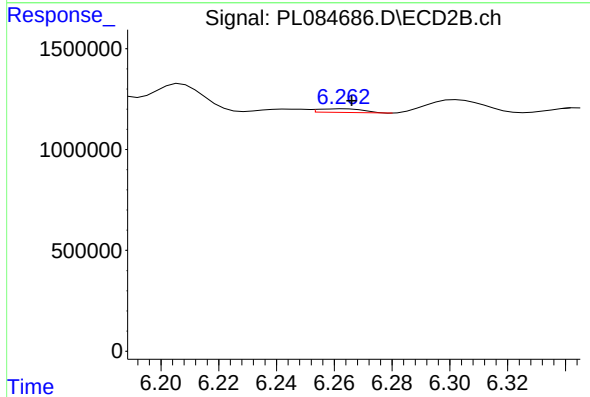
#19 Endosulfan Sulfate

R.T.: 7.115 min
Delta R.T.: 0.002 min
Response: 5220176
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
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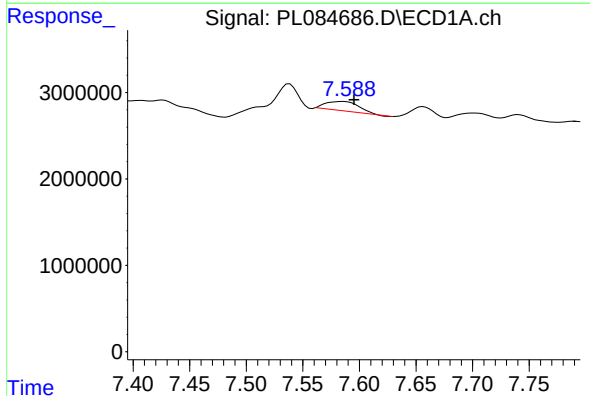
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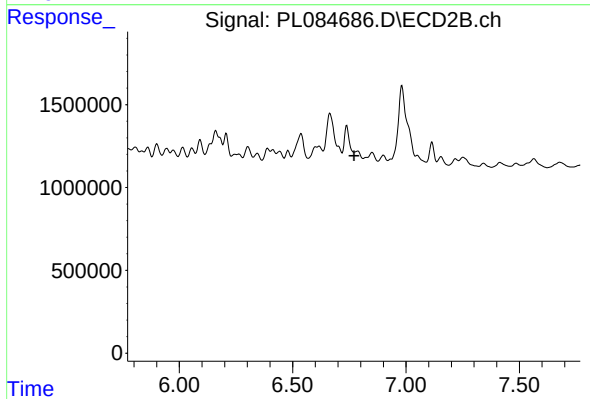
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 198277
Conc: 0.17 ng/ml



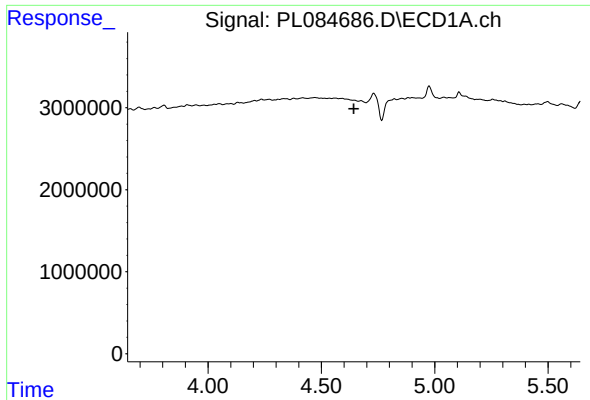
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.010 min
Response: 2184251
Conc: 1.09 ng/ml



#21 Endrin ketone

R.T.: 6.787 min
Delta R.T.: 0.017 min
Response: -1500459
Conc: N.D.



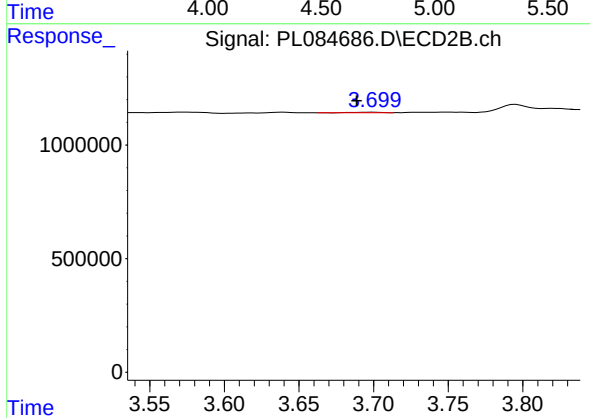
#23 Chlordane-1

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

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

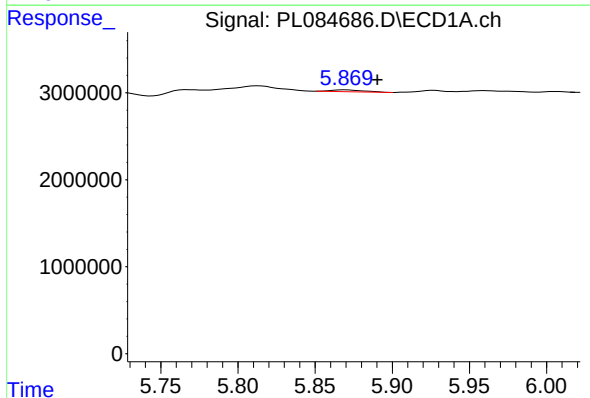
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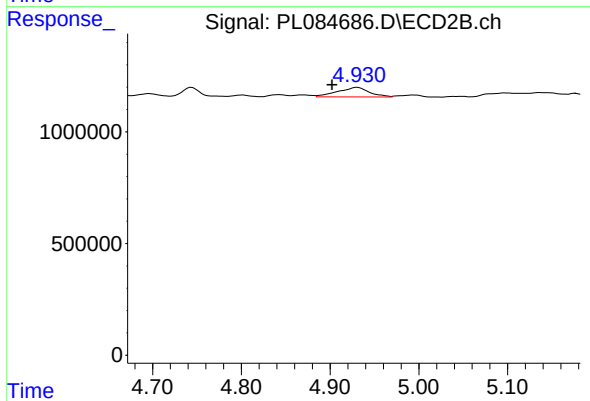
#23 Chlordane-1

R.T.: 3.700 min
Delta R.T.: 0.012 min
Response: 28251
Conc: 0.74 ng/ml



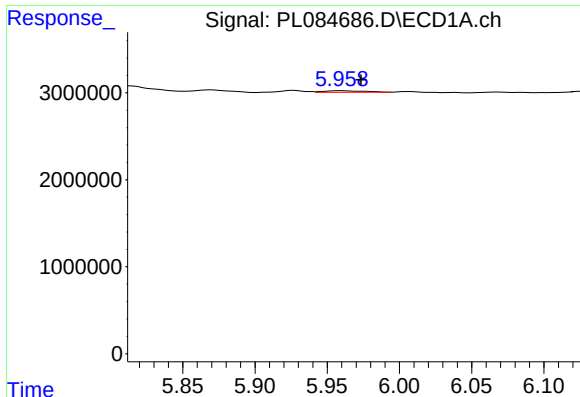
#25 Chlordane-3

R.T.: 5.870 min
Delta R.T.: -0.020 min
Response: 302976
Conc: 0.75 ng/ml



#25 Chlordane-3

R.T.: 4.931 min
Delta R.T.: 0.029 min
Response: 1051336
Conc: 7.59 ng/ml



#26 Chlordane-4

R.T.: 5.959 min
Delta R.T.: -0.014 min
Response: 352826
Conc: 0.73 ng/ml

Instrument :
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ClientSampleId :
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#26 Chlordane-4

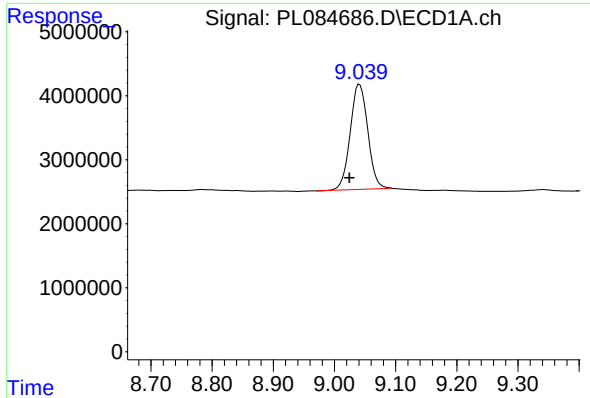
R.T.: 4.995 min
Delta R.T.: 0.029 min
Response: 149172
Conc: 1.04 ng/ml

#27 Chlordane-5

R.T.: 6.822 min
Delta R.T.: -0.002 min
Response: 1535113
Conc: 20.62 ng/ml

#27 Chlordane-5

R.T.: 5.861 min
Delta R.T.: -0.003 min
Response: 591178
Conc: 11.61 ng/ml



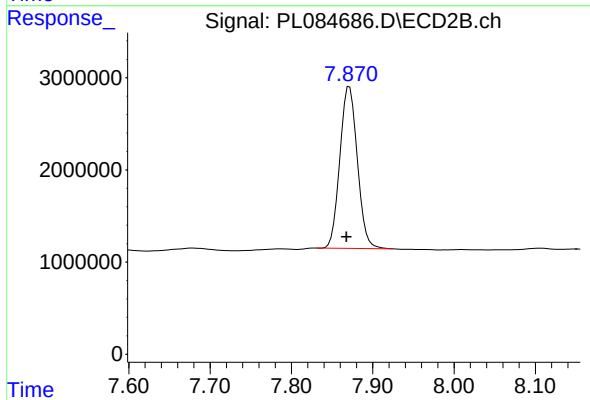
#28 Decachlorobiphenyl

R.T.: 9.041 min
Delta R.T.: 0.016 min
Response: 32934648
Conc: 20.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2023

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APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.871 min
Delta R.T.: 0.004 min
Response: 26159789
Conc: 20.98 ng/ml