

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101023\
 Data File : PL085815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2023 15:36
 Operator : AR\AJ
 Sample : 04699-07
 Misc : TOX LOD 50PPB WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 20:41:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.363	2.622	49870363	15723796	16.768	16.833
28)	SA Decachlor...	8.867	7.777	42234883	19611071	19.391	21.247
Target Compounds							
2)	A alpha-BHC	3.784f	3.119	288846	9952	0.067	0.008 #
3)	MA gamma-BHC...	4.147	3.444	322968	109167	0.078	0.089
4)	MA Heptachlor	0.000	3.796	0	36782	N.D.	0.032 #
5)	MB Aldrin	0.000	4.083f	0	72085	N.D.	0.064 #
6)	B beta-BHC	0.000	3.757	0	374466	N.D.	0.719 #
7)	B delta-BHC	4.599	3.974	7102734	258319	1.852	0.225 #
9)	A Endosulfan I	0.000	4.950f	0	238093	N.D.	0.222 #
10)	B gamma-Chl...	5.785f	4.828	901247	299193	0.263	0.302
12)	B 4,4'-DDE	0.000	5.056f	0	15123	N.D.	0.018 #
13)	MA Dieldrin	0.000	5.197	0	55630	N.D.	0.057 #
14)	MA Endrin	6.372f	5.455f	489142	9295	0.172	0.010 #
15)	B Endosulfa...	6.621	5.752f	1651080	511330	0.599	0.538
16)	A 4,4'-DDD	6.529	5.643	374438	22535	0.186	0.032 #
17)	MA 4,4'-DDT	0.000	5.882	0	93010	N.D.	0.118 #
18)	B Endrin al...	0.000	5.963	0	677042	N.D.	0.908 #
19)	B Endosulfa...	6.974	6.170	3719939	72684	1.482	0.081 #
20)	A Methoxychlor	0.000	6.444f	0	230162	N.D.	0.438 #
22)	Mirex	0.000	6.885f	0	791559	N.D.	0.839 #
23)	Chlordane-1	0.000	3.625	0	85408	N.D.	2.620 #
24)	Chlordane-2	0.000	4.178	0	443827	N.D.	11.405 #
25)	Chlordane-3	5.785f	4.828	901247	299193	1.766	2.961 #
27)	Chlordane-5	6.679	5.529f	1540251	51021	15.014	1.831 #

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

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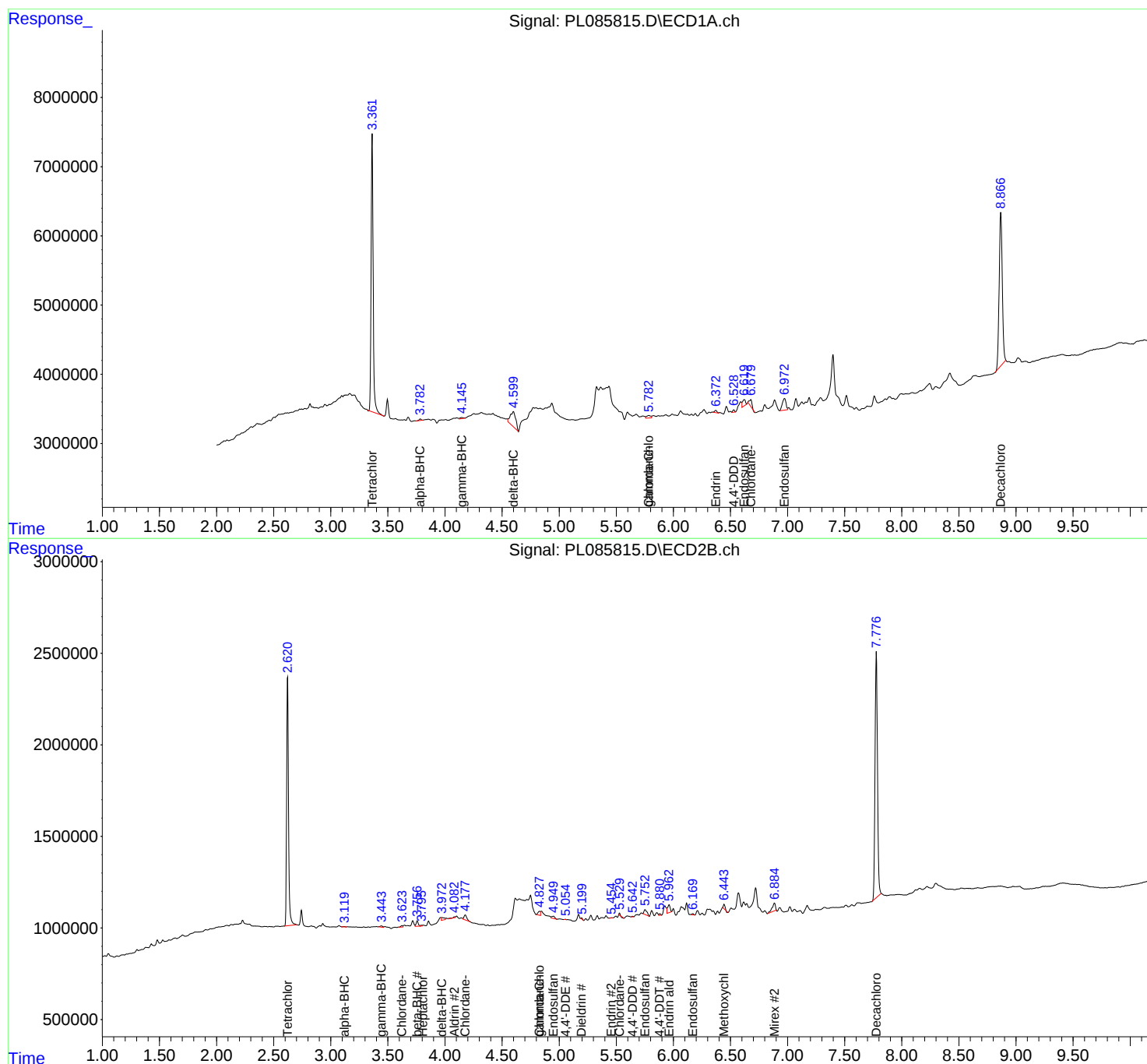
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

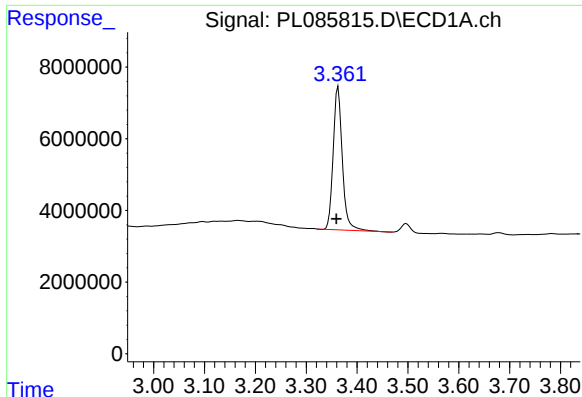
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 10/11/2023

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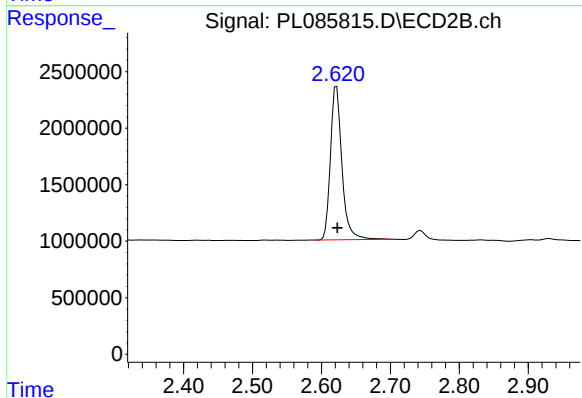
#1 Tetrachloro-m-xylene

R.T.: 3.363 min
Delta R.T.: 0.004 min
Response: 49870363
Conc: 16.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

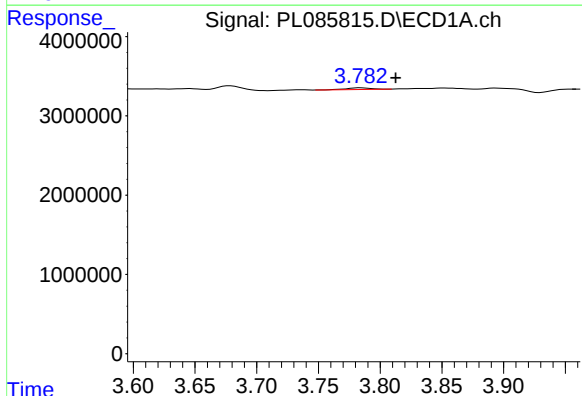
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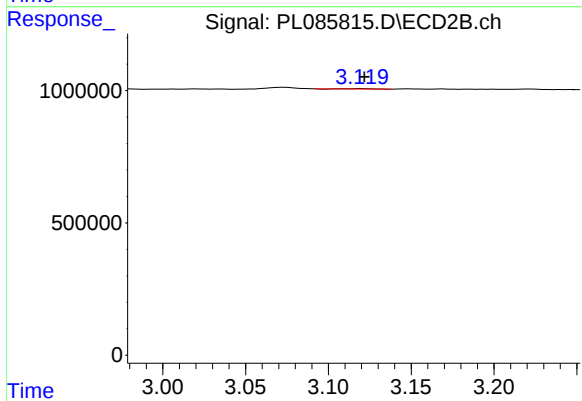
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 15723796
Conc: 16.83 ng/ml



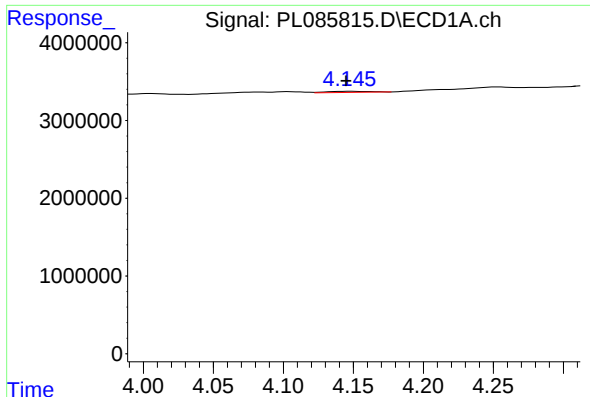
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: -0.029 min
Response: 288846
Conc: 0.07 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 9952
Conc: 0.01 ng/ml



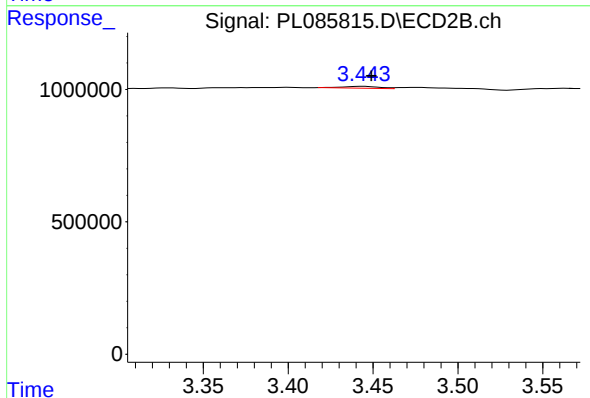
#3 gamma-BHC (Lindane)

R.T.: 4.147 min
Delta R.T.: 0.002 min
Response: 322968
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

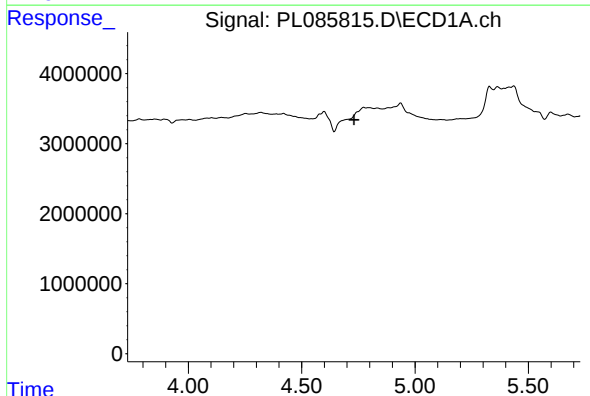
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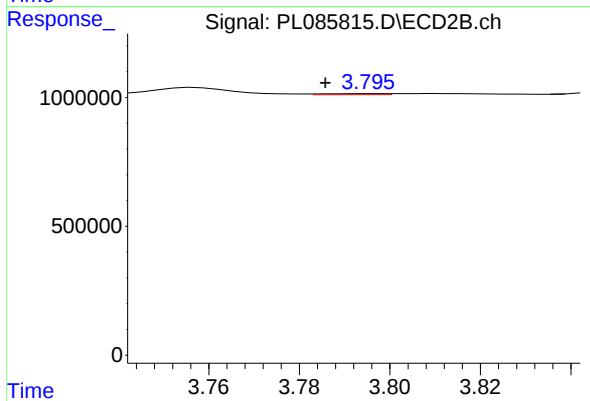
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: -0.005 min
Response: 109167
Conc: 0.09 ng/ml



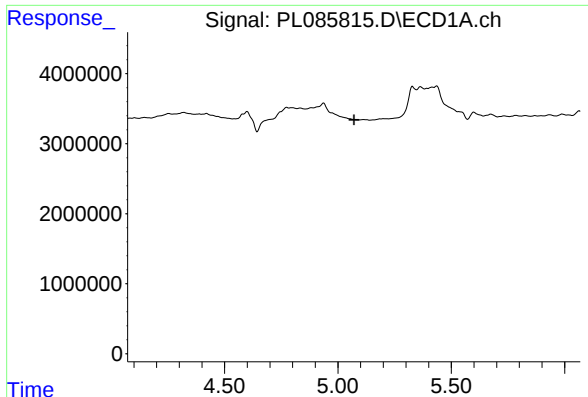
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.731 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: 0.010 min
Response: 36782
Conc: 0.03 ng/ml



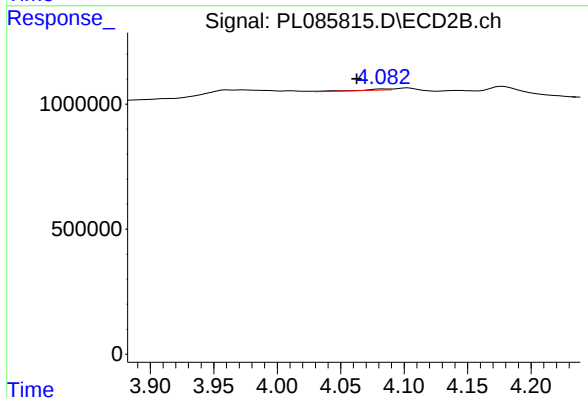
#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

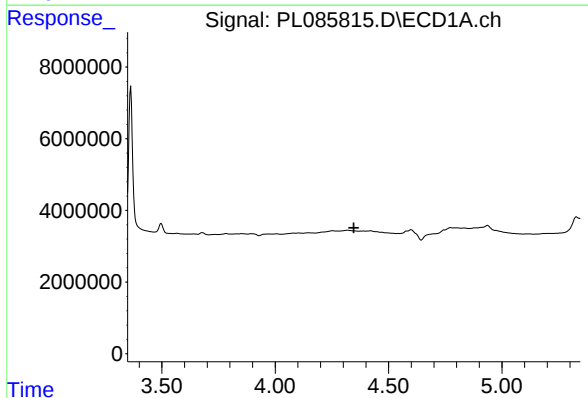
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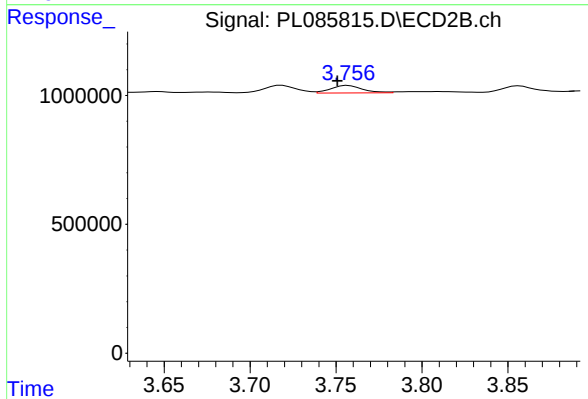
#5 Aldrin

R.T.: 4.083 min
Delta R.T.: 0.021 min
Response: 72085
Conc: 0.06 ng/ml



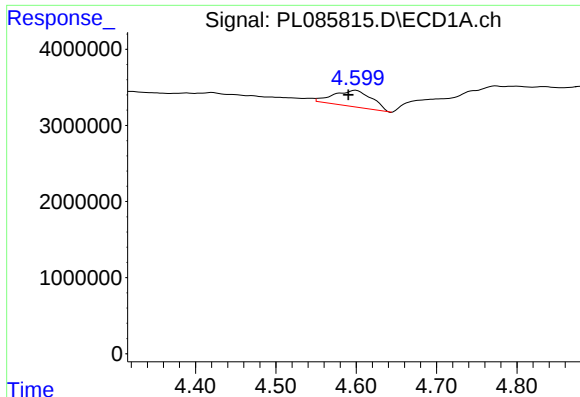
#6 beta-BHC

R.T.: 0.000 min
Exp R.T.: 4.347 min
Response: 0
Conc: N.D.



#6 beta-BHC

R.T.: 3.757 min
Delta R.T.: 0.006 min
Response: 374466
Conc: 0.72 ng/ml



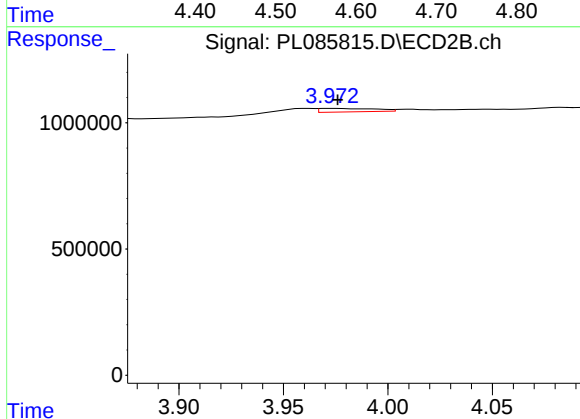
#7 delta-BHC

R.T.: 4.599 min
Delta R.T.: 0.009 min
Response: 7102734
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

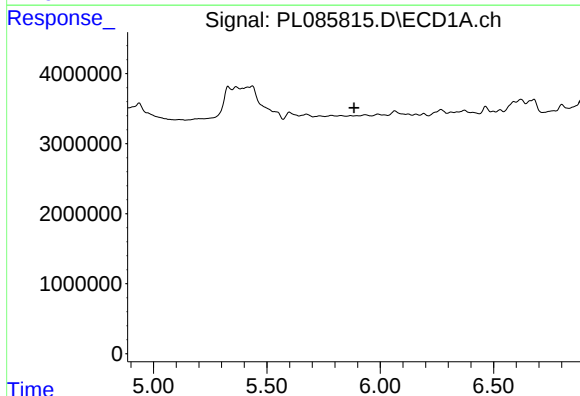
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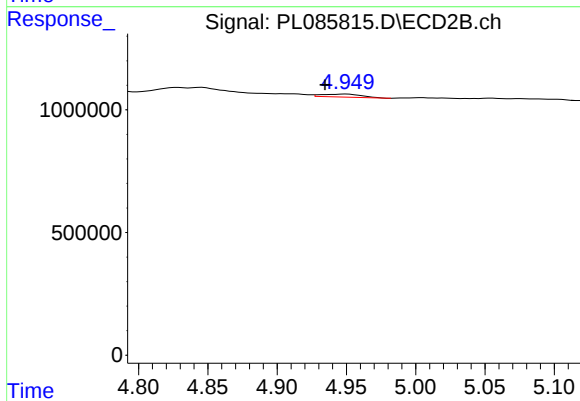
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 258319
Conc: 0.22 ng/ml



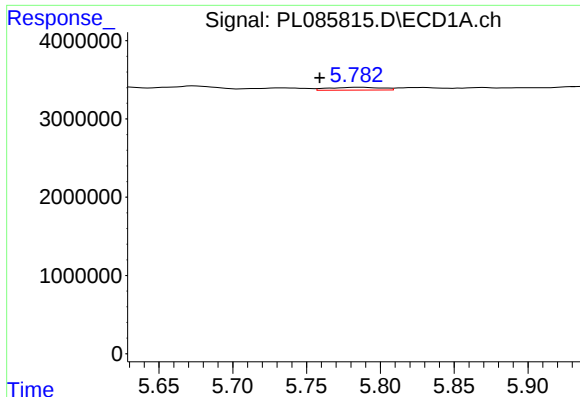
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.885 min
Response: 0
Conc: N.D.



#9 Endosulfan I

R.T.: 4.950 min
Delta R.T.: 0.016 min
Response: 238093
Conc: 0.22 ng/ml



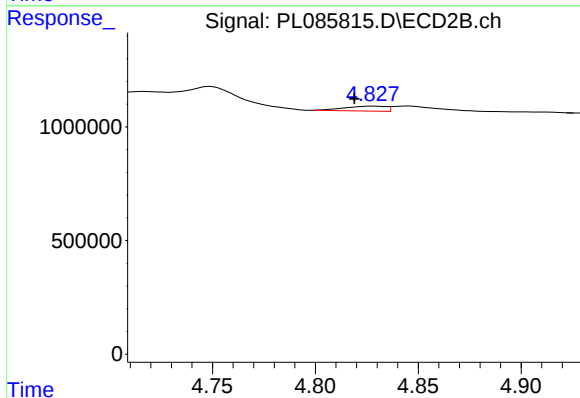
#10 gamma-Chlordane

R.T.: 5.785 min
Delta R.T.: 0.026 min
Response: 901247
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

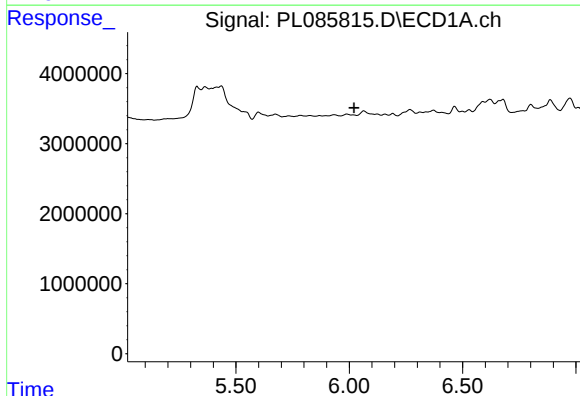
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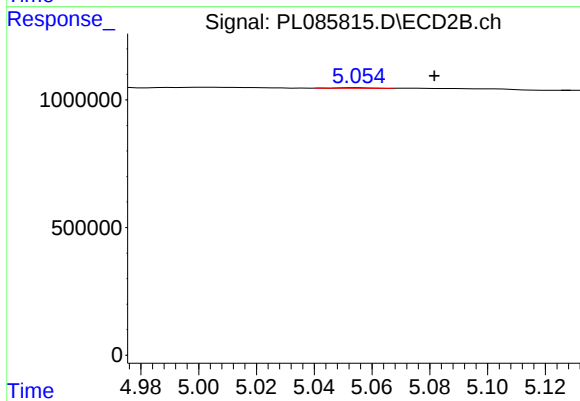
#10 gamma-Chlordane

R.T.: 4.828 min
Delta R.T.: 0.009 min
Response: 299193
Conc: 0.30 ng/ml



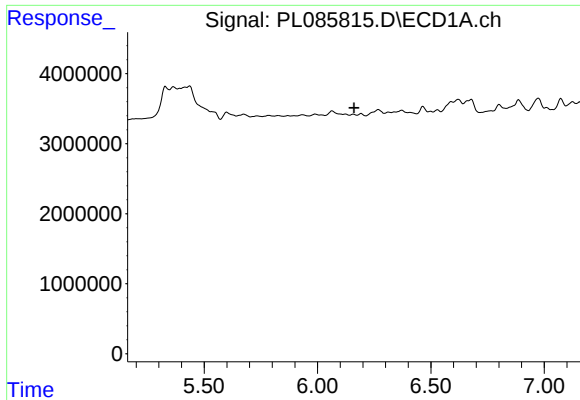
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.021 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.056 min
Delta R.T.: -0.026 min
Response: 15123
Conc: 0.02 ng/ml



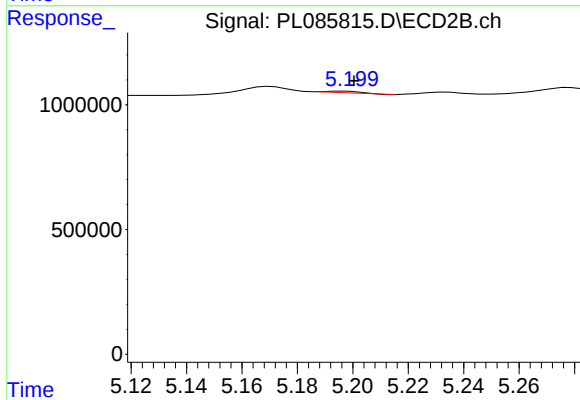
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

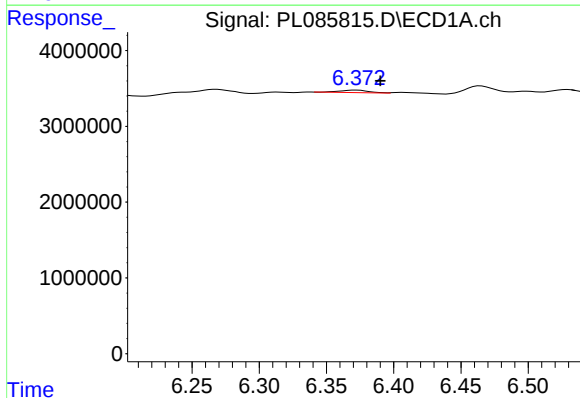
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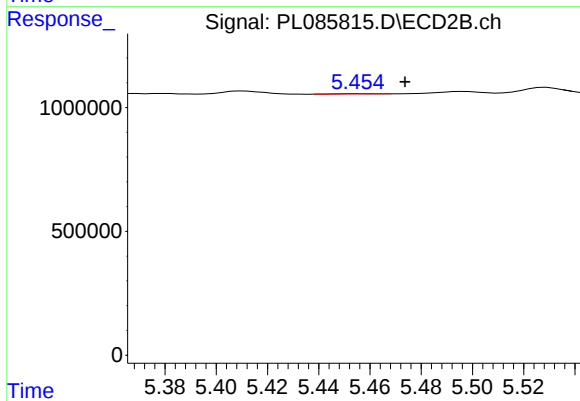
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 55630
Conc: 0.06 ng/ml



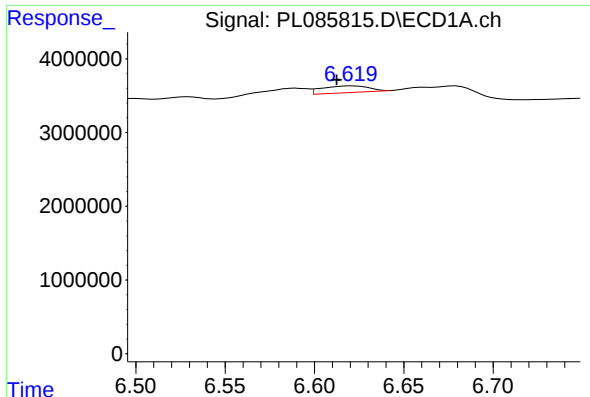
#14 Endrin

R.T.: 6.372 min
Delta R.T.: -0.018 min
Response: 489142
Conc: 0.17 ng/ml



#14 Endrin

R.T.: 5.455 min
Delta R.T.: -0.018 min
Response: 9295
Conc: 0.01 ng/ml



#15 Endosulfan II

R.T.: 6.621 min
Delta R.T.: 0.009 min
Response: 1651080
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#15 Endosulfan II

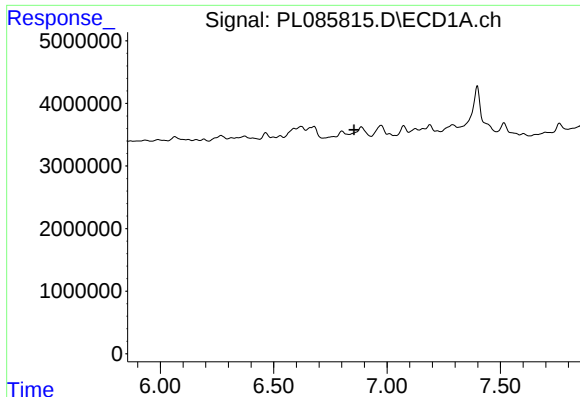
R.T.: 5.752 min
Delta R.T.: -0.019 min
Response: 511330
Conc: 0.54 ng/ml

#16 4,4'-DDD

R.T.: 6.529 min
Delta R.T.: -0.010 min
Response: 374438
Conc: 0.19 ng/ml

#16 4,4'-DDD

R.T.: 5.643 min
Delta R.T.: 0.006 min
Response: 22535
Conc: 0.03 ng/ml



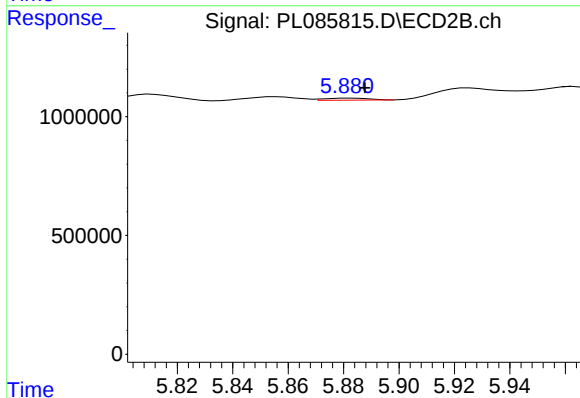
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T.: 6.854 min
Response: 0
Conc: N.D.

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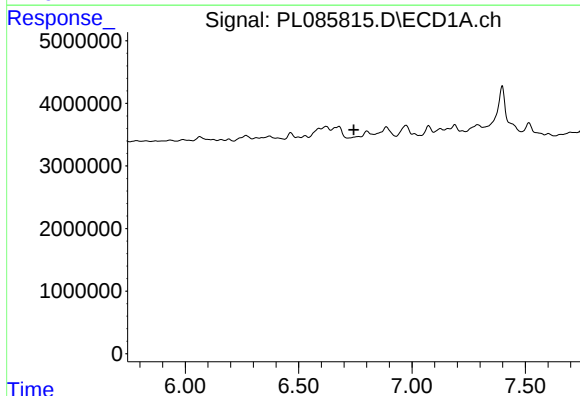
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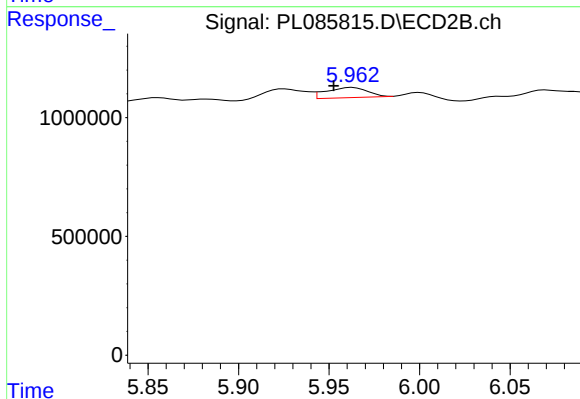
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.006 min
Response: 93010
Conc: 0.12 ng/ml



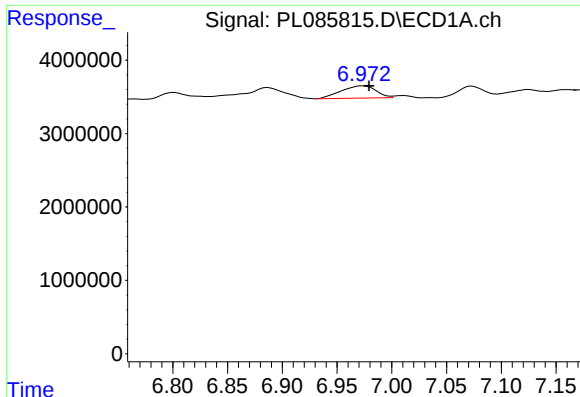
#18 Endrin aldehyde

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



#18 Endrin aldehyde

R.T.: 5.963 min
Delta R.T.: 0.010 min
Response: 677042
Conc: 0.91 ng/ml



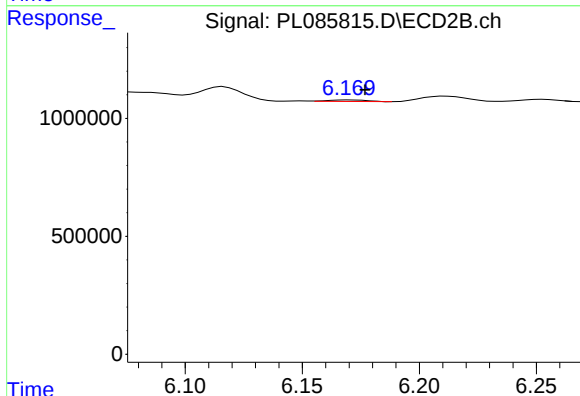
#19 Endosulfan Sulfate

R.T.: 6.974 min
Delta R.T.: -0.005 min
Response: 3719939
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
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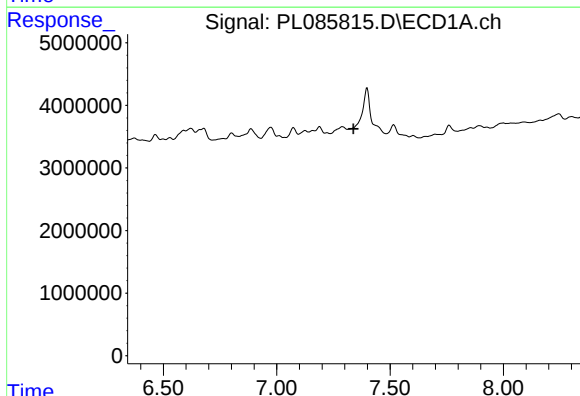
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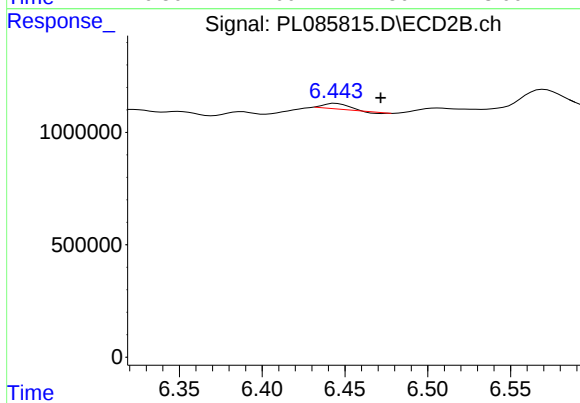
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: -0.007 min
Response: 72684
Conc: 0.08 ng/ml



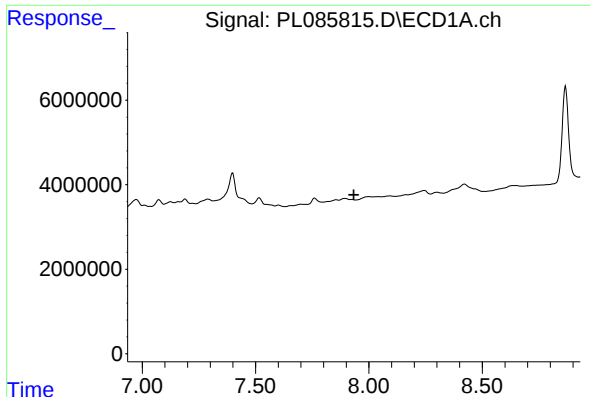
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.339 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.444 min
Delta R.T.: -0.027 min
Response: 230162
Conc: 0.44 ng/ml



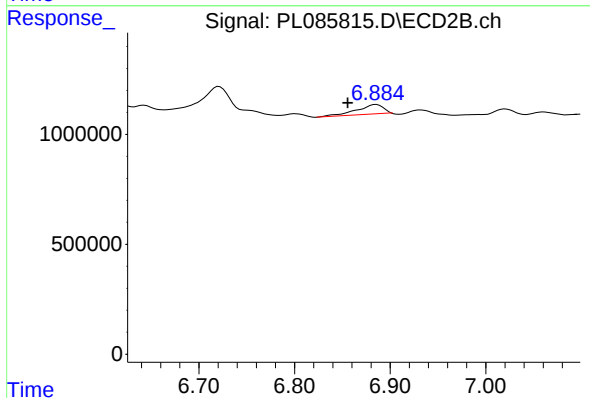
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 7.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

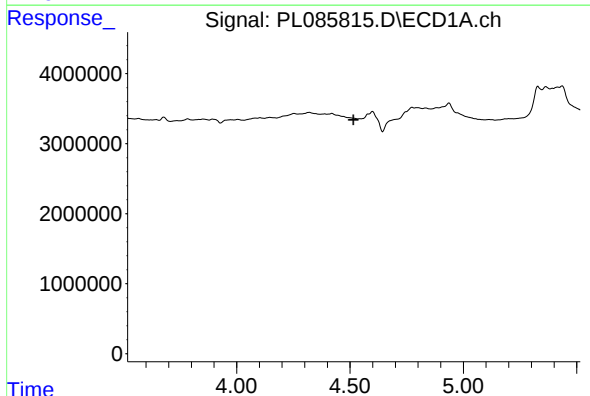
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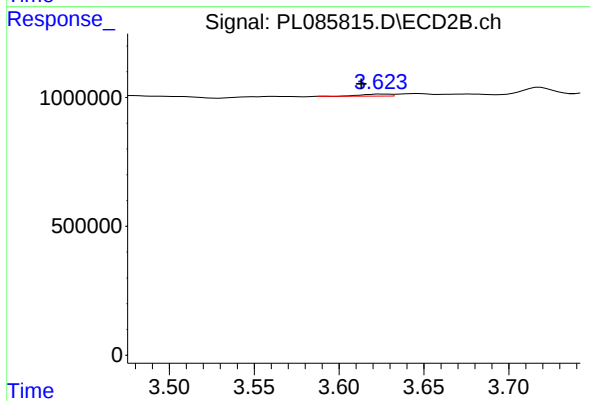
#22 Mirex

R.T.: 6.885 min
Delta R.T.: 0.030 min
Response: 791559
Conc: 0.84 ng/ml



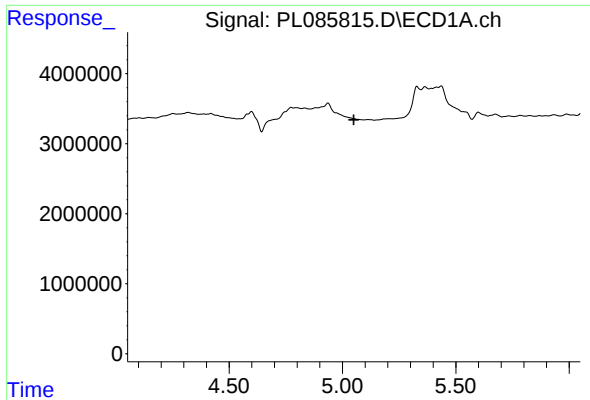
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.516 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.625 min
Delta R.T.: 0.011 min
Response: 85408
Conc: 2.62 ng/ml



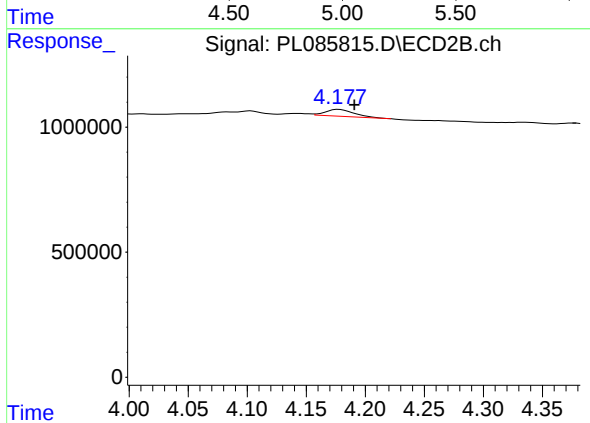
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.050 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

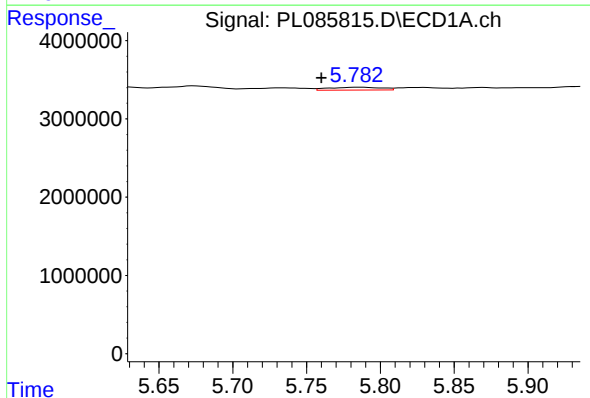
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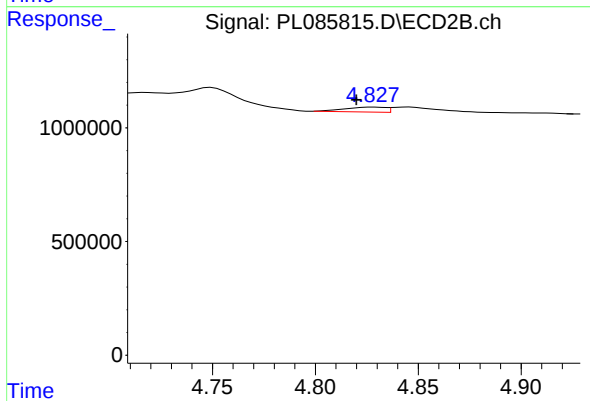
#24 Chlordane-2

R.T.: 4.178 min
Delta R.T.: -0.013 min
Response: 443827
Conc: 11.41 ng/ml



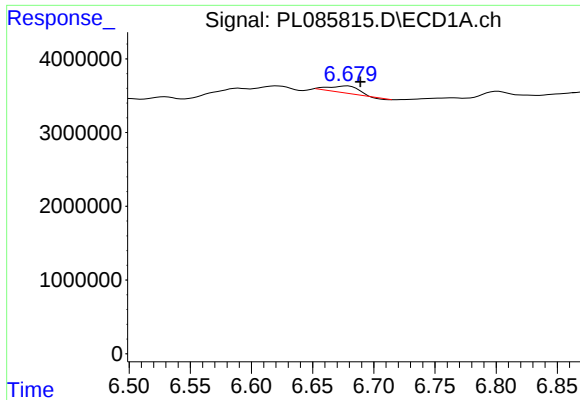
#25 Chlordane-3

R.T.: 5.785 min
Delta R.T.: 0.025 min
Response: 901247
Conc: 1.77 ng/ml



#25 Chlordane-3

R.T.: 4.828 min
Delta R.T.: 0.008 min
Response: 299193
Conc: 2.96 ng/ml



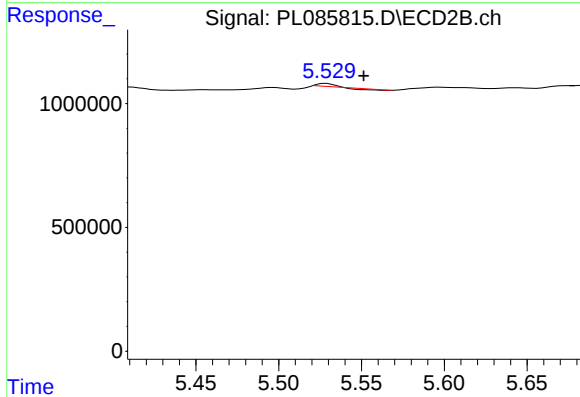
#27 Chlordane-5

R.T.: 6.679 min
Delta R.T.: -0.010 min
Response: 1540251
Conc: 15.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

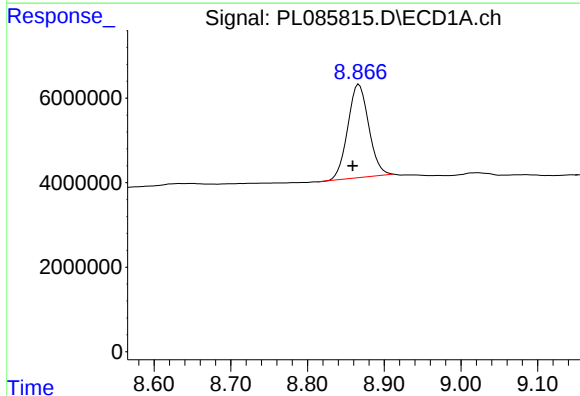
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/11/2023
Supervised By :Ankita Jodhani 10/11/2023



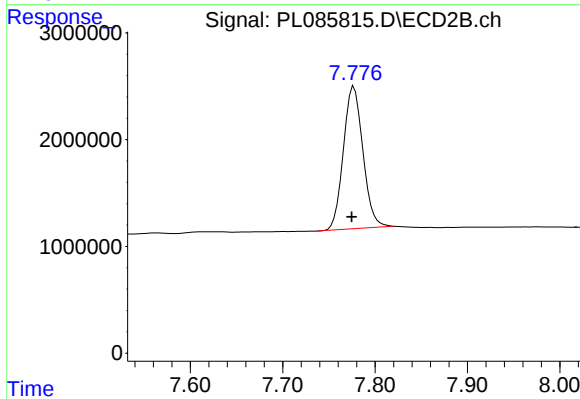
#27 Chlordane-5

R.T.: 5.529 min
Delta R.T.: -0.022 min
Response: 51021
Conc: 1.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.867 min
Delta R.T.: 0.008 min
Response: 42234883
Conc: 19.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: 0.003 min
Response: 19611071
Conc: 21.25 ng/ml