

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101620\
 Data File : PL062360.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2020 20:42
 Operator : DD\AJ
 Sample : L4214-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT4-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 05:32:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 13 05:04:40 2020
 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...	3.412	3.951	35101710	56497745	20.167	20.046
28)	SA Decachlor...	8.126	8.993	37809588	53178584	20.669	19.375
Target Compounds							
2)	A alpha-BHC	3.844	4.338	3641937	3638388	1.421	0.868 #
3)	MA gamma-BHC...	4.123	4.620	1878501	3379551	0.824	0.860
4)	MA Heptachlor	4.420	5.126	2203998	4655330	1.047	1.225
5)	MB Aldrin	4.664	5.429	2108089	3434712	1.112	0.974
6)	B beta-BHC	4.372	4.793	1304967	2458420	1.357	1.399
7)	B delta-BHC	4.571	5.005	1844865	3791146	0.865m	1.093 #
8)	B Heptachlo...	5.103	5.814	1967490	3522653	1.077	1.084m
9)	A Endosulfan I	5.438	6.170	1834761	3597015	1.087	1.194m
10)	B gamma-Chl...	5.327	6.049	1942505	3324233	1.077m	1.012m
11)	B alpha-Chl...	5.384	6.121	1909929	3202616	1.055m	0.980m
12)	B 4,4'-DDE	5.550	6.281	1573844	3387859	0.954	1.113
13)	MA Dieldrin	5.677	6.428	1749567	3512919	0.995m	1.138
14)	MA Endrin	5.932	6.645	1581522	2015588	1.029m	0.810
15)	B Endosulfa...	6.205	6.854	1699737	3030424	1.029	1.117m
16)	A 4,4'-DDD	6.062	6.768	1560717	2484907	1.076	1.018m
17)	MA 4,4'-DDT	6.299	7.069	676077	2316821	0.524m	1.013 #
18)	B Endrin al...	6.371	6.978	1700280	2704424	1.172	1.145m
19)	B Endosulfa...	6.583	7.202	1839031	2855869	1.113	1.101
20)	A Methoxychlor	6.843	7.527	643480	1140717	0.791m	0.865m
21)	B Endrin ke...	7.068	7.670	1823526	2957466	0.926m	1.060
22)	Mirex	7.257	8.124	1908931	2354245	1.286	1.119

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101620\
Data File : PL062360.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2020 20:42
Operator : DD\AJ
Sample : L4214-09
Misc : PEST MDL 1 PPB
ALS Vial : 32 Sample Multiplier: 1

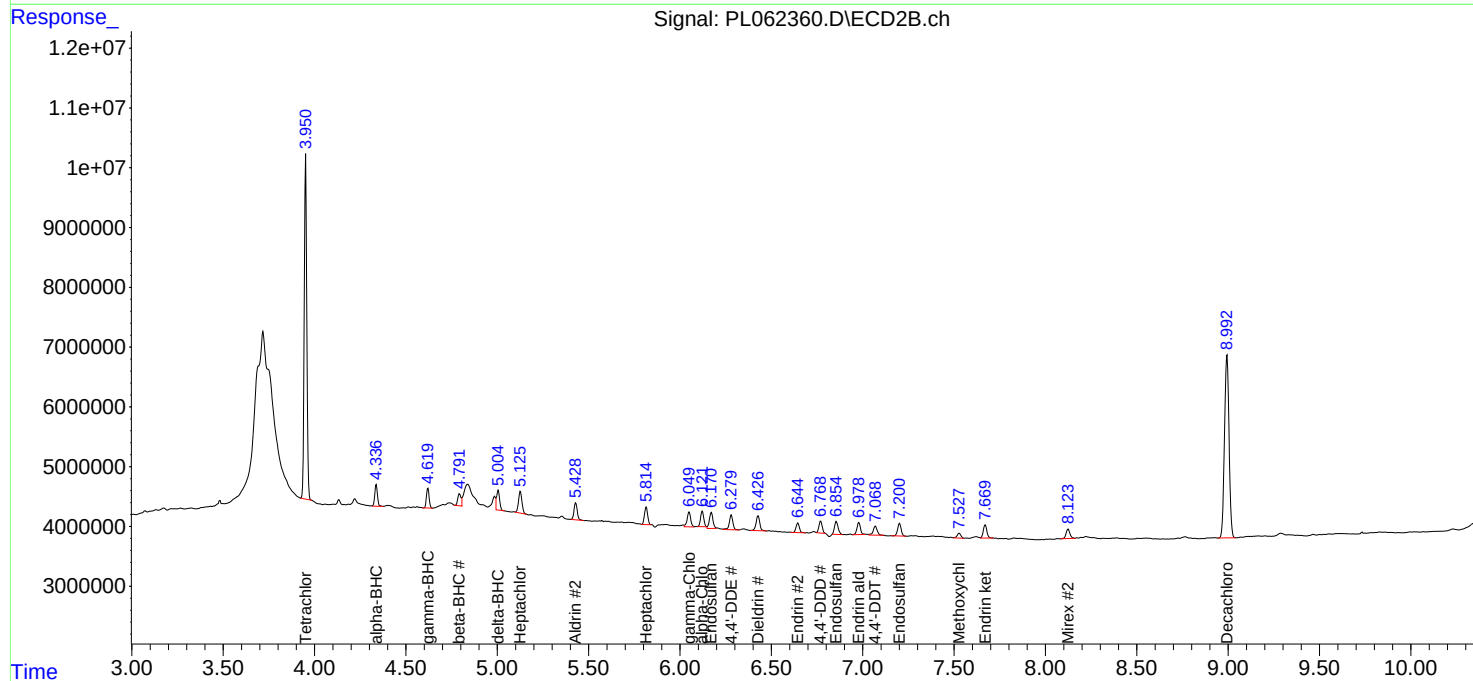
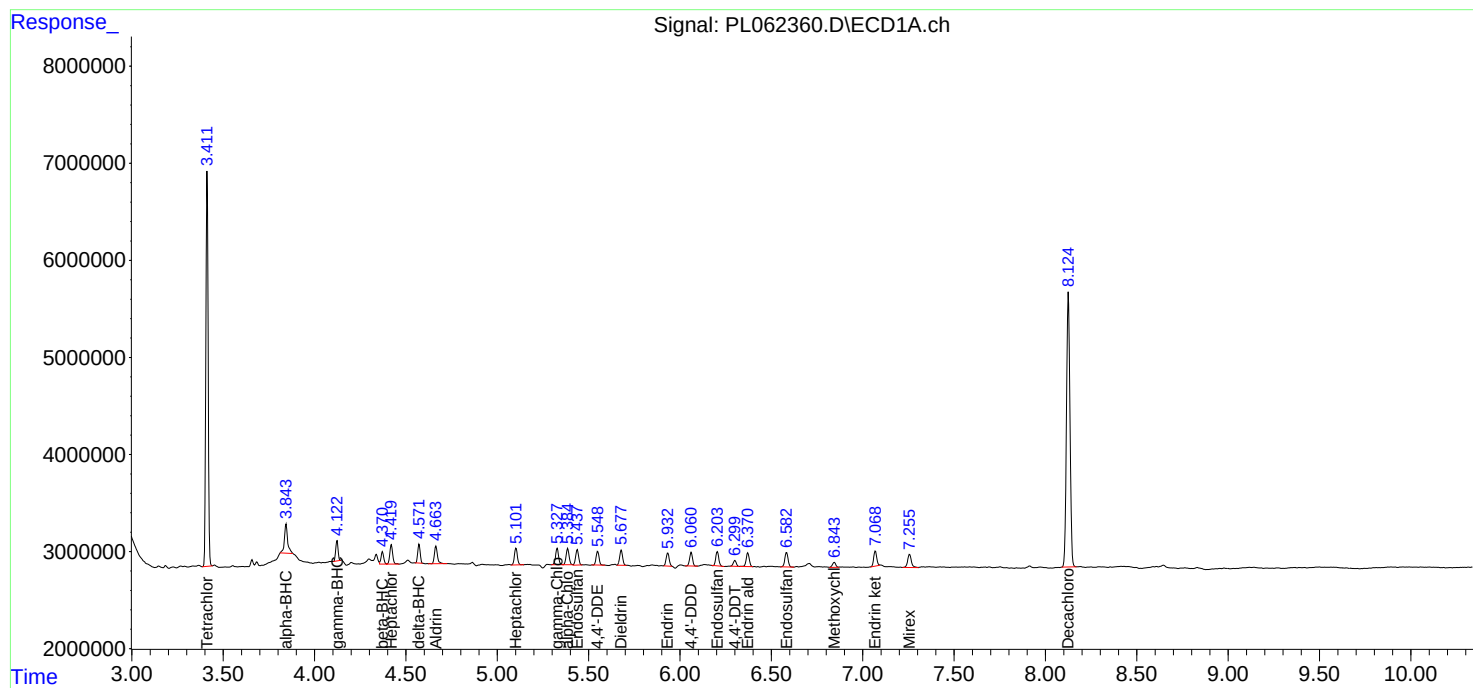
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

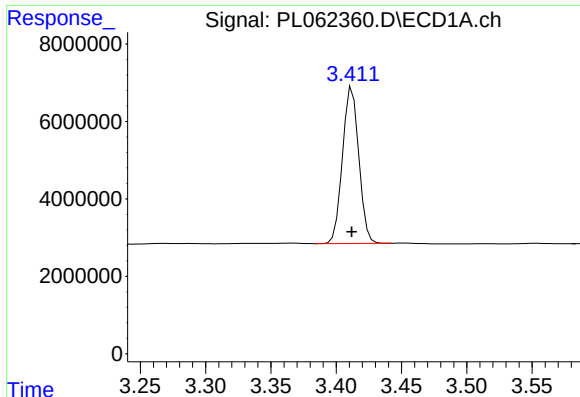
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 05:32:28 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101320.M
Quant Title : GC Extractables
QLast Update : Tue Oct 13 05:04:40 2020
Response 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





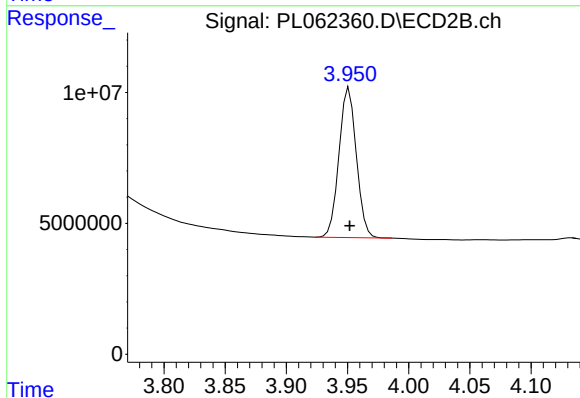
#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 35101710
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

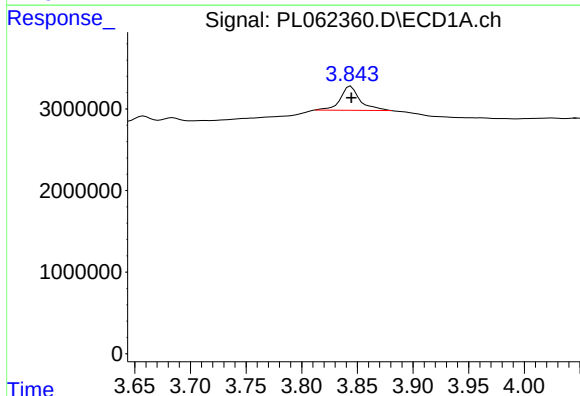
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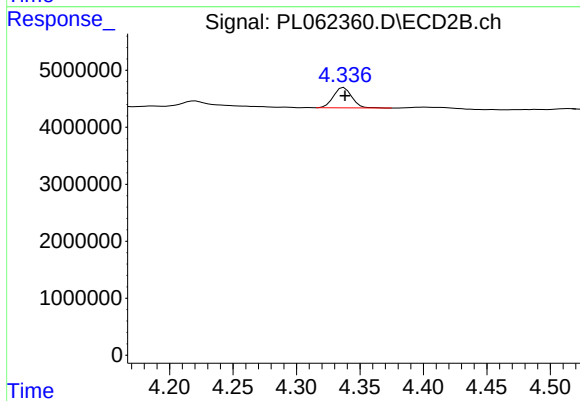
#1 Tetrachloro-m-xylene

R.T.: 3.951 min
Delta R.T.: 0.000 min
Response: 56497745
Conc: 20.05 ng/ml



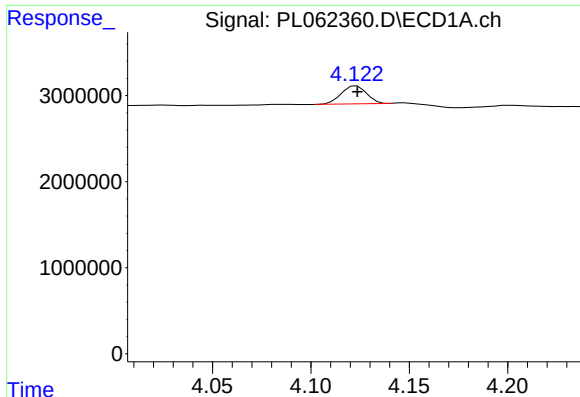
#2 alpha-BHC

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 3641937
Conc: 1.42 ng/ml



#2 alpha-BHC

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 3638388
Conc: 0.87 ng/ml



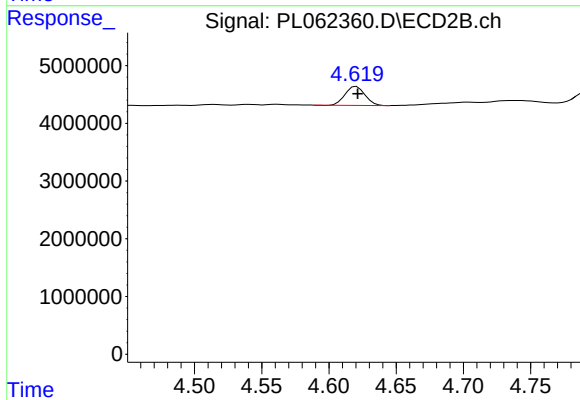
#3 gamma-BHC (Lindane)

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 1878501
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

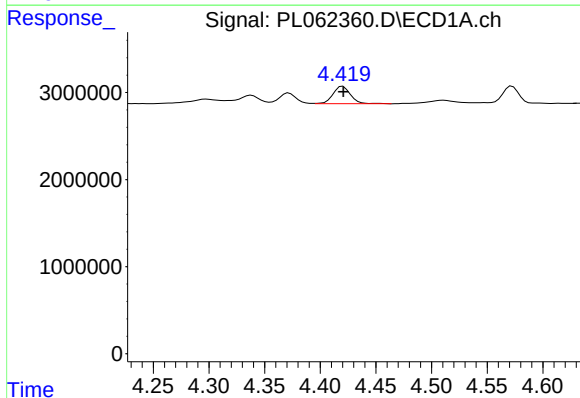
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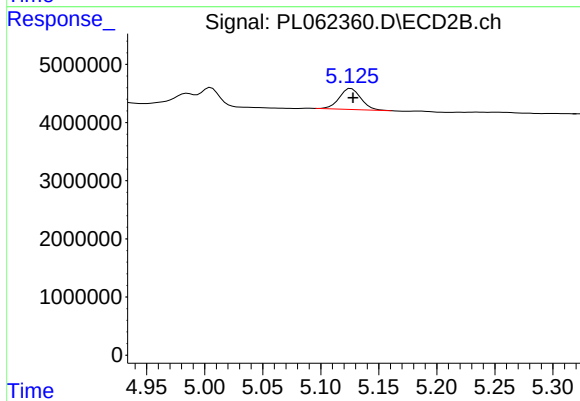
#3 gamma-BHC (Lindane)

R.T.: 4.620 min
Delta R.T.: -0.001 min
Response: 3379551
Conc: 0.86 ng/ml



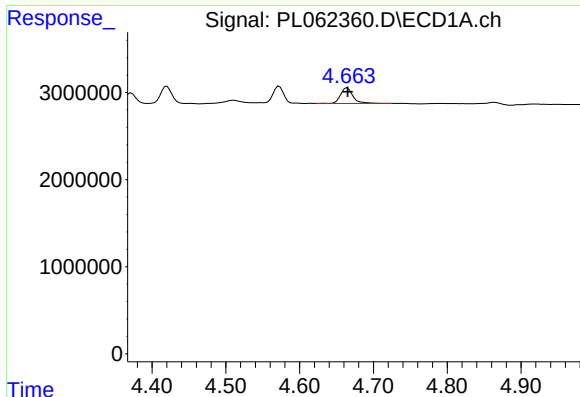
#4 Heptachlor

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 2203998
Conc: 1.05 ng/ml



#4 Heptachlor

R.T.: 5.126 min
Delta R.T.: -0.001 min
Response: 4655330
Conc: 1.22 ng/ml



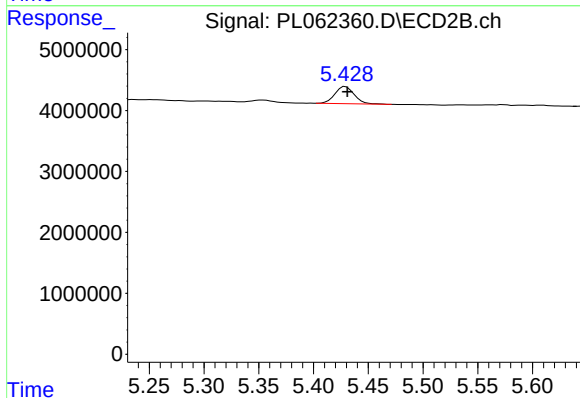
#5 Aldrin

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 2108089
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

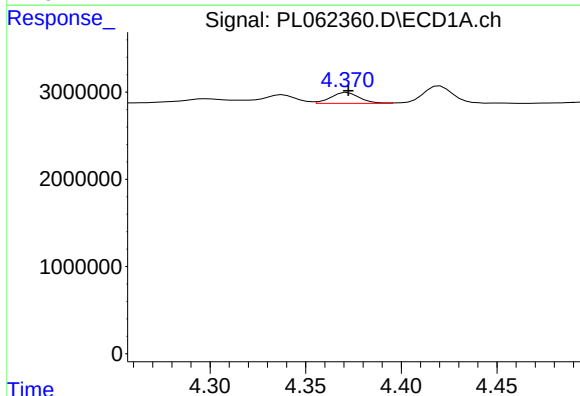
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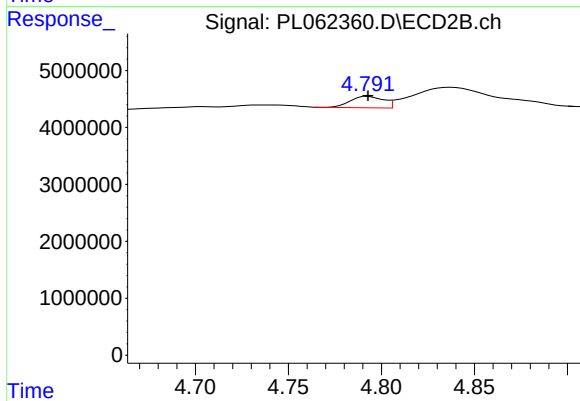
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 3434712
Conc: 0.97 ng/ml



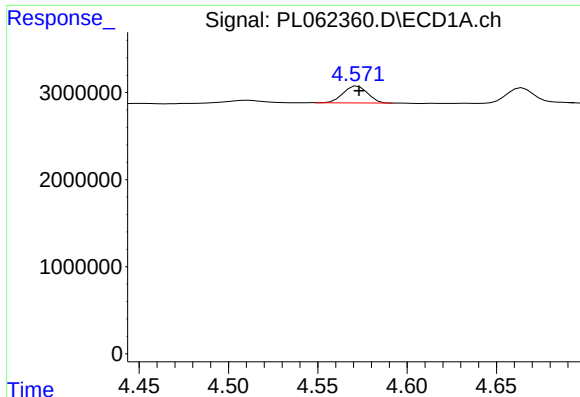
#6 beta-BHC

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 1304967
Conc: 1.36 ng/ml



#6 beta-BHC

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 2458420
Conc: 1.40 ng/ml



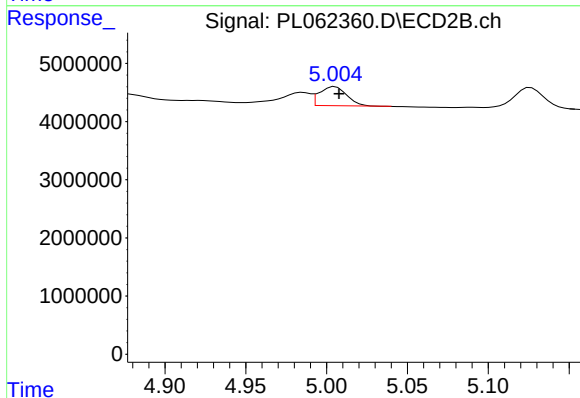
#7 delta-BHC

R.T.: 4.571 min
Delta R.T.: -0.002 min
Response: 1844865
Conc: 0.86 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

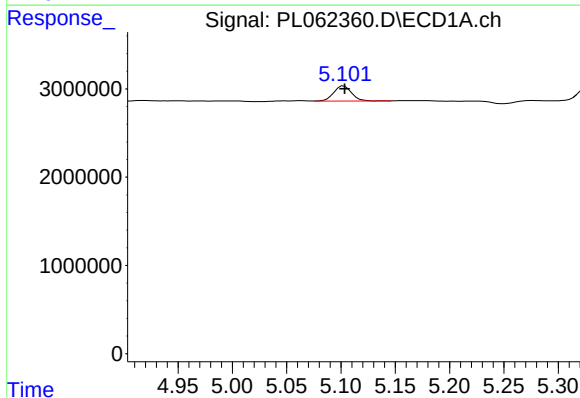
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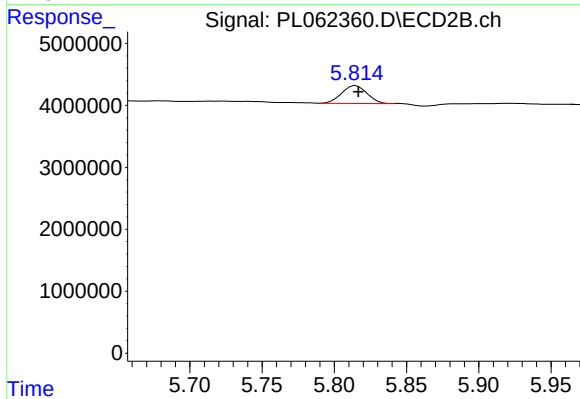
#7 delta-BHC

R.T.: 5.005 min
Delta R.T.: -0.002 min
Response: 3791146
Conc: 1.09 ng/ml



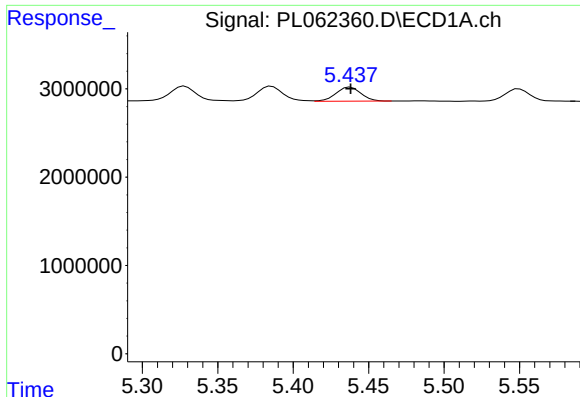
#8 Heptachlor epoxide

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 1967490
Conc: 1.08 ng/ml



#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 3522653
Conc: 1.08 ng/ml m



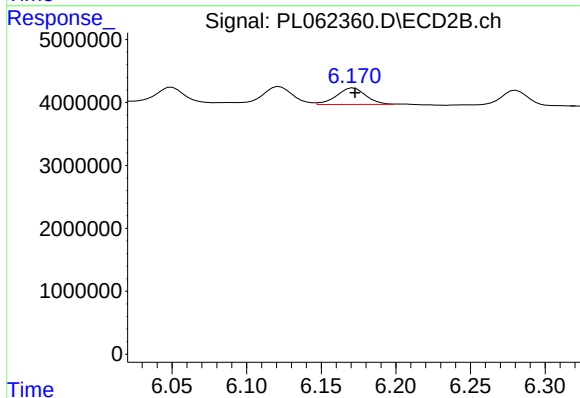
#9 Endosulfan I

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 1834761
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

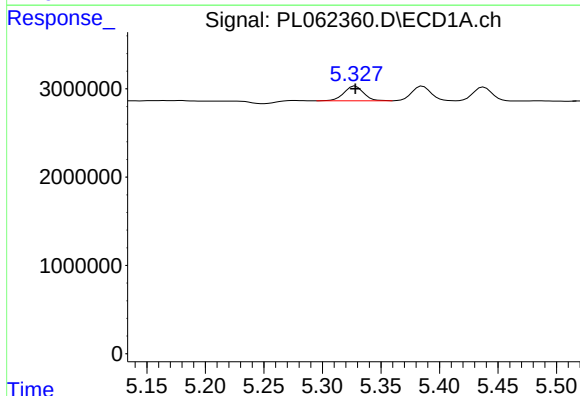
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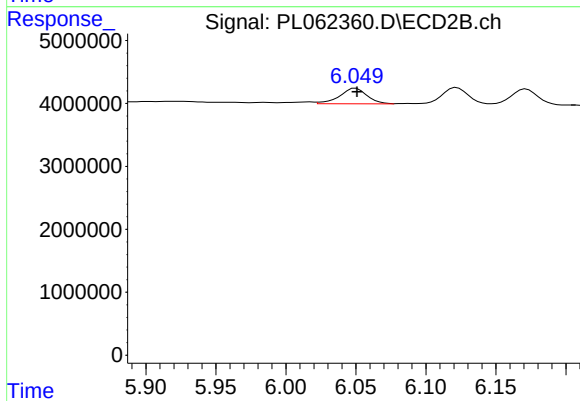
#9 Endosulfan I

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 3597015
Conc: 1.19 ng/ml m



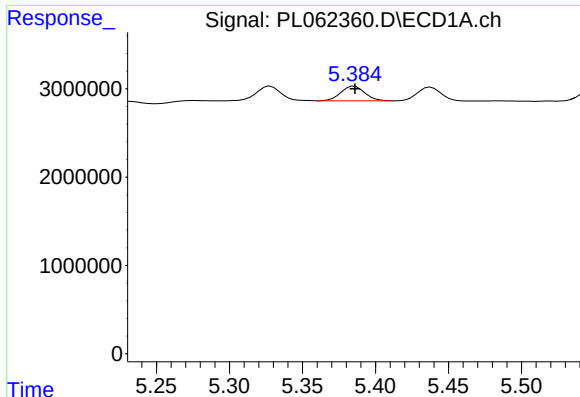
#10 gamma-Chlordane

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 1942505
Conc: 1.08 ng/ml m



#10 gamma-Chlordane

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 3324233
Conc: 1.01 ng/ml m



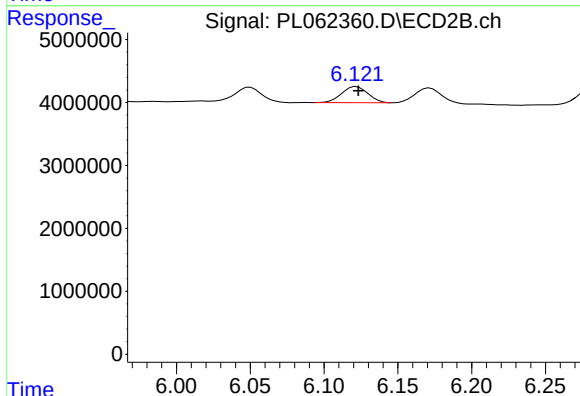
#11 alpha-Chlordane

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 1909929
Conc: 1.06 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

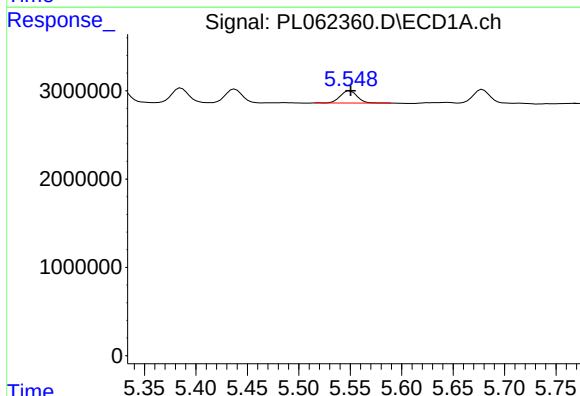
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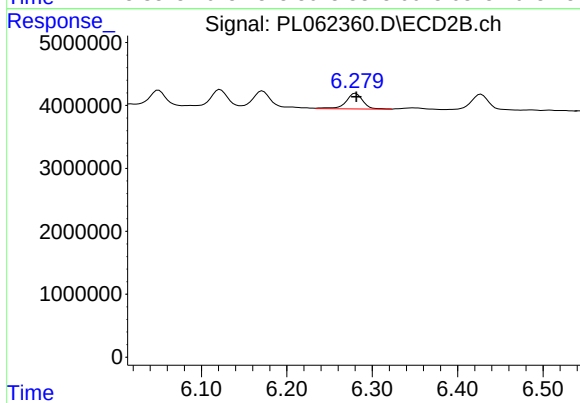
#11 alpha-Chlordane

R.T.: 6.121 min
Delta R.T.: -0.003 min
Response: 3202616
Conc: 0.98 ng/ml m



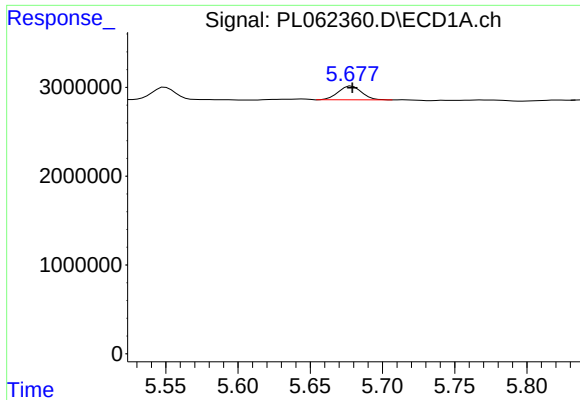
#12 4,4'-DDE

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 1573844
Conc: 0.95 ng/ml



#12 4,4'-DDE

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 3387859
Conc: 1.11 ng/ml



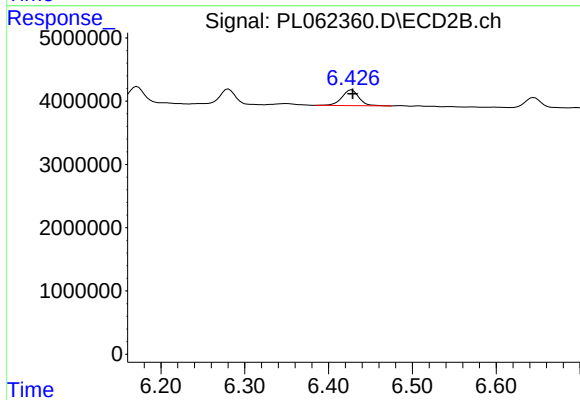
#13 Dieldrin

R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 1749567
Conc: 1.00 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

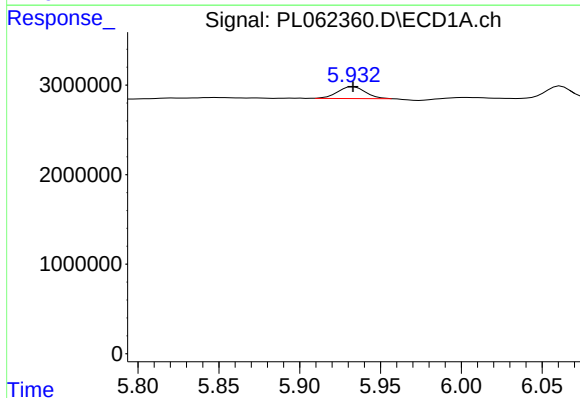
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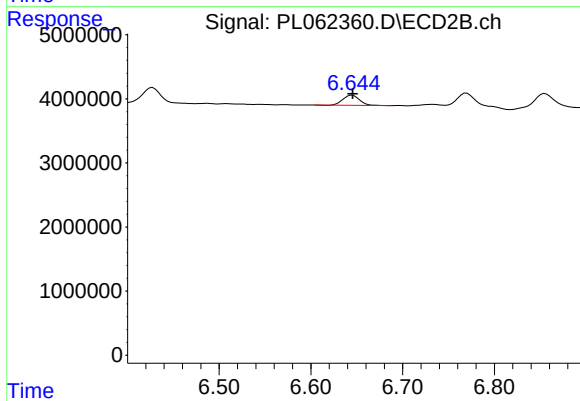
#13 Dieldrin

R.T.: 6.428 min
Delta R.T.: -0.001 min
Response: 3512919
Conc: 1.14 ng/ml



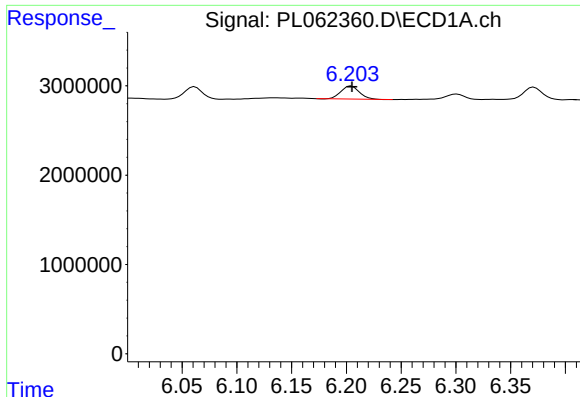
#14 Endrin

R.T.: 5.932 min
Delta R.T.: -0.001 min
Response: 1581522
Conc: 1.03 ng/ml m



#14 Endrin

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 2015588
Conc: 0.81 ng/ml



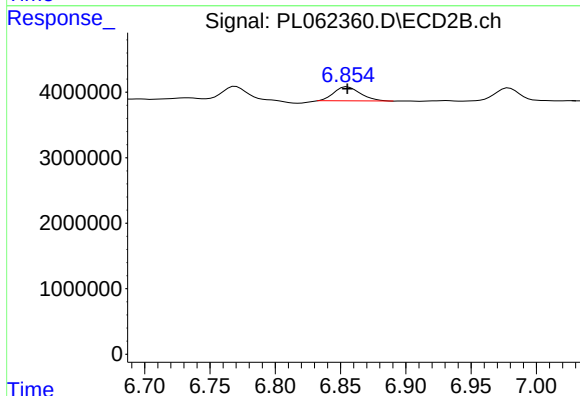
#15 Endosulfan II

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 1699737
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

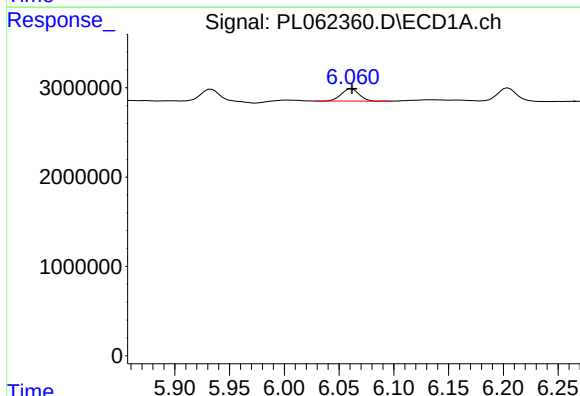
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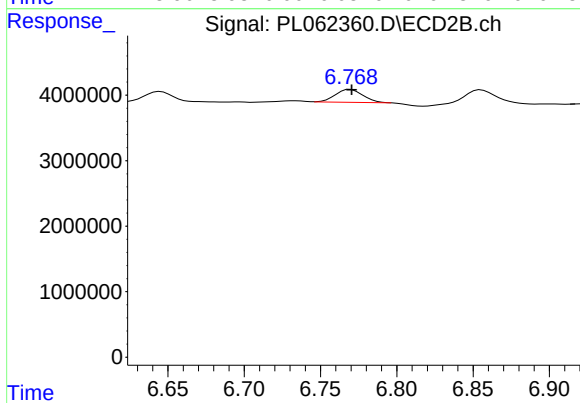
#15 Endosulfan II

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 3030424
Conc: 1.12 ng/ml m



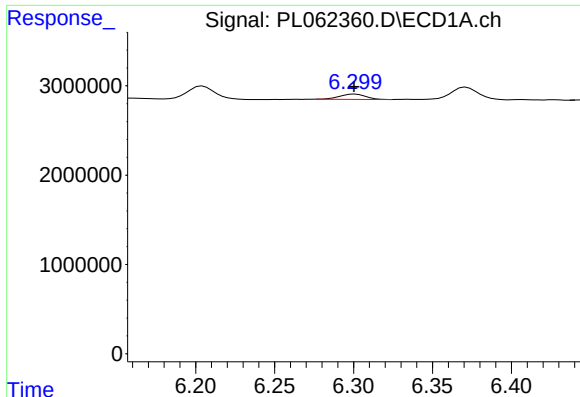
#16 4,4'-DDD

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 1560717
Conc: 1.08 ng/ml



#16 4,4'-DDD

R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 2484907
Conc: 1.02 ng/ml m



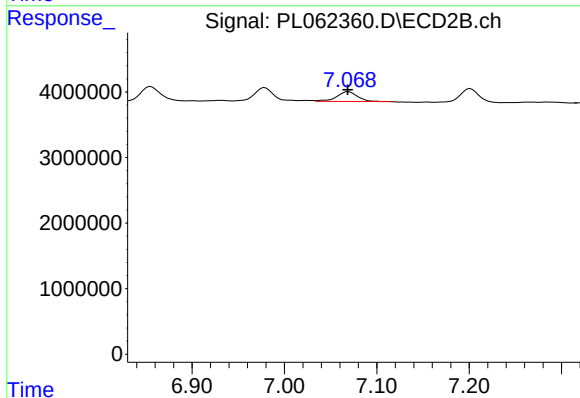
#17 4,4'-DDT

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 676077
Conc: 0.52 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

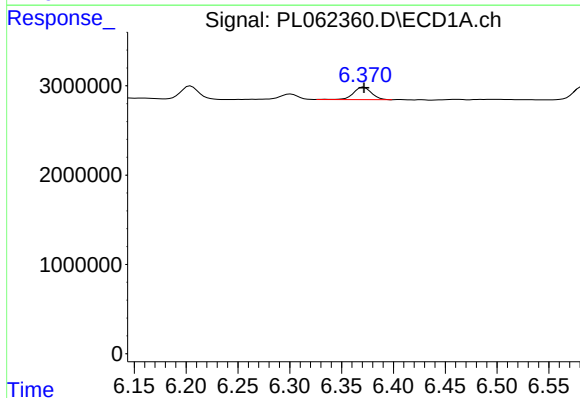
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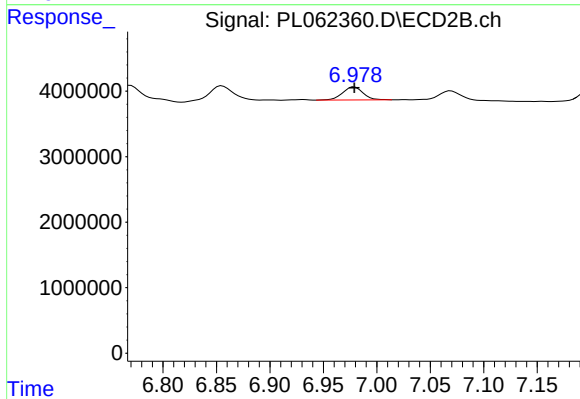
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 2316821
Conc: 1.01 ng/ml



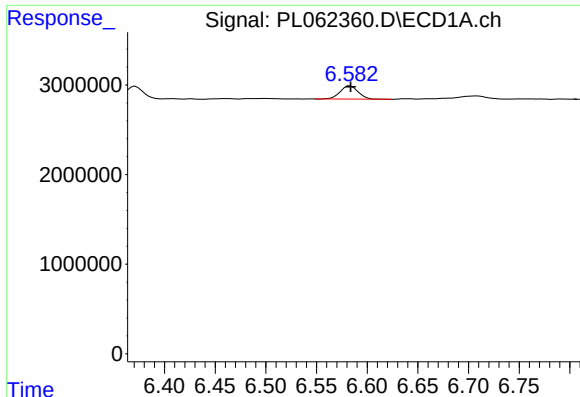
#18 Endrin aldehyde

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 1700280
Conc: 1.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 2704424
Conc: 1.14 ng/ml m



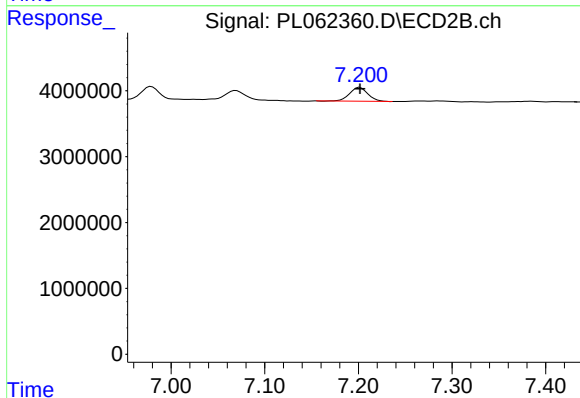
#19 Endosulfan Sulfate

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 1839031
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

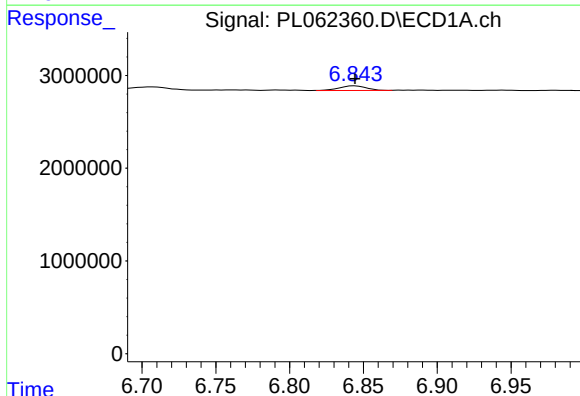
Manual Integrations
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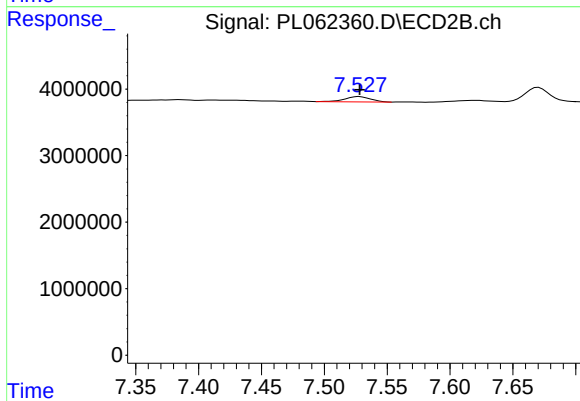
#19 Endosulfan Sulfate

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 2855869
Conc: 1.10 ng/ml



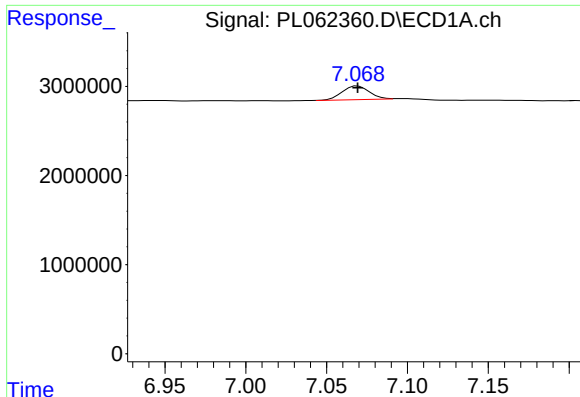
#20 Methoxychlor

R.T.: 6.843 min
Delta R.T.: -0.001 min
Response: 643480
Conc: 0.79 ng/ml m



#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: -0.002 min
Response: 1140717
Conc: 0.87 ng/ml m



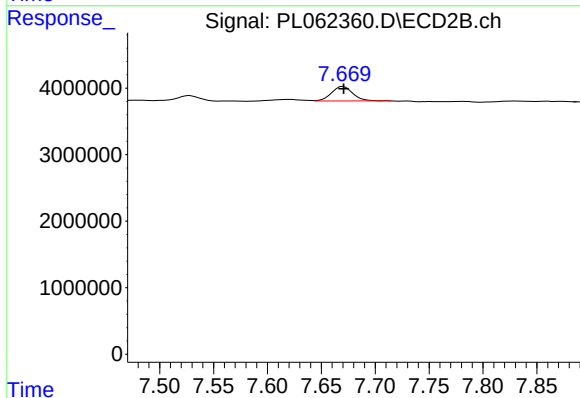
#21 Endrin ketone

R.T.: 7.068 min
Delta R.T.: -0.001 min
Response: 1823526
Conc: 0.93 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

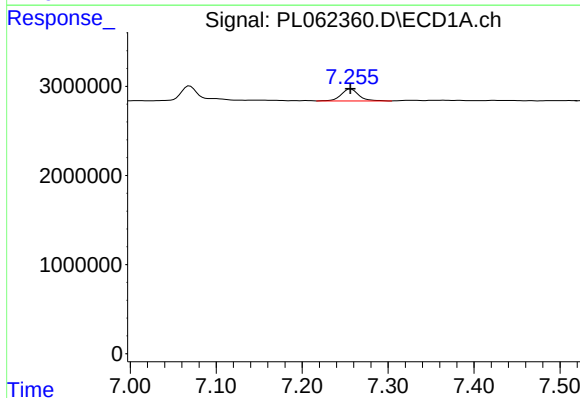
Manual Integrations
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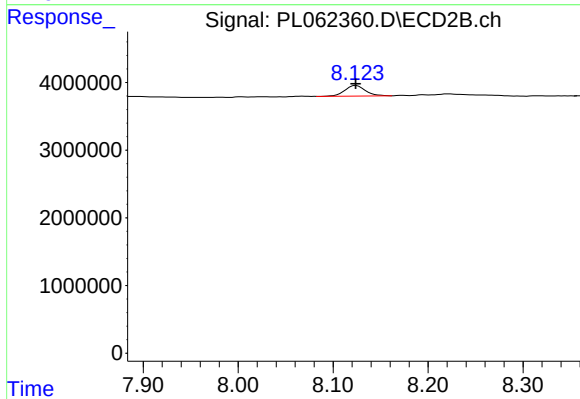
#21 Endrin ketone

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 2957466
Conc: 1.06 ng/ml



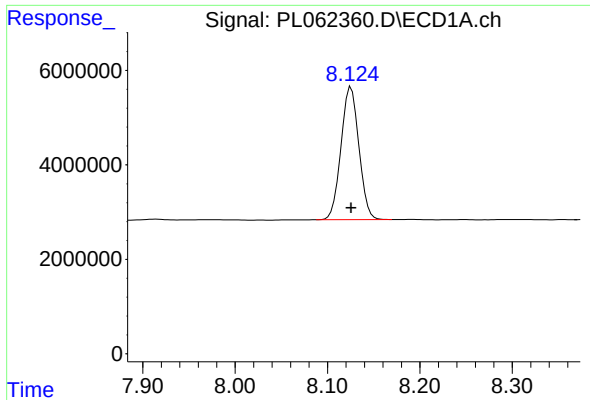
#22 Mirex

R.T.: 7.257 min
Delta R.T.: 0.000 min
Response: 1908931
Conc: 1.29 ng/ml



#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 2354245
Conc: 1.12 ng/ml



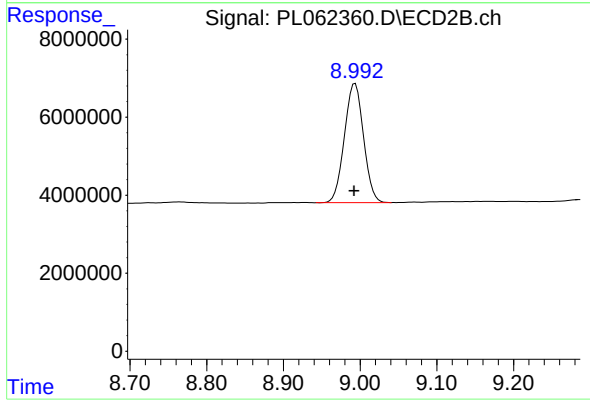
#28 Decachlorobiphenyl

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 37809588
Conc: 20.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2020

Manual Integrations
APPROVED

Ankita
10/16/2020 11:52:17 AM



#28 Decachlorobiphenyl

R.T.: 8.993 min
Delta R.T.: 0.001 min
Response: 53178584
Conc: 19.37 ng/ml