

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102219\
 Data File : PL053571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2019 11:49
 Operator : SG\AJ
 Sample : K5111-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 23 03:15:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 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...	3.543	4.045	203.7E6	47371736	18.797	18.931
28)	SA Decachlor...	8.330	9.123	176.8E6	55863965	18.024	19.838
Target Compounds							
2)	A alpha-BHC	3.986	4.435	18150204	2875100	1.041	0.832
3)	MA gamma-BHC...	4.273	4.720	11971543	2376318	0.769	0.738
4)	MA Heptachlor	4.581	5.230	12845818	2809470	0.814	0.872
5)	MB Aldrin	4.832	5.536	11131528	2933502	0.779	0.984 #
6)	B beta-BHC	4.523	4.891	6002414	1445012	0.911	0.936
7)	B delta-BHC	4.731	5.108	10080515	1641390	0.662	0.543
8)	B Heptachlo...	5.277	5.915	11833423	21590912	0.877m	7.403m#
9)	A Endosulfan I	5.619	6.278	12686784	3124086	1.032m	1.152
10)	B gamma-Chl...	5.505	6.156	12293514	2168902	0.901m	0.743
11)	B alpha-Chl...	5.562	6.230	11299583	3296824	0.849m	1.129 #
12)	B 4,4'-DDE	5.756f	6.380	30407485	1368971	2.559m	0.486m#
13)	MA Dieldrin	5.863	6.536	12027084	2218835	0.923	0.778
14)	MA Endrin	6.124	6.749	68602792	15155685	5.919	6.244m
15)	B Endosulfa...	6.395	6.963	10774965	6776627	0.964m	2.653 #
16)	A 4,4'-DDD	6.244	6.875	6756747	3167202	0.759m	1.520 #
17)	MA 4,4'-DDT	6.488	7.175	8861023	6677420	0.894	2.888 #
18)	B Endrin al...	6.565	7.085	9421584	2260453	1.028	1.029m
19)	B Endosulfa...	6.778	7.310	8931713	2221309	0.878	0.905
20)	A Methoxychlor	7.032	7.559f	3538464	416.9E6	0.718m	320.990m#
21)	B Endrin ke...	7.237f	7.780	1118.6E6	2385642	103.911m	0.925 #
22)	Mirex	7.466	8.256f	6900795	5495322	0.807m	2.716 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102219\
Data File : PL053571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2019 11:49
Operator : SG\AJ
Sample : K5111-09
Misc : PEST MDL 1 PPB
ALS Vial : 12 Sample Multiplier: 1

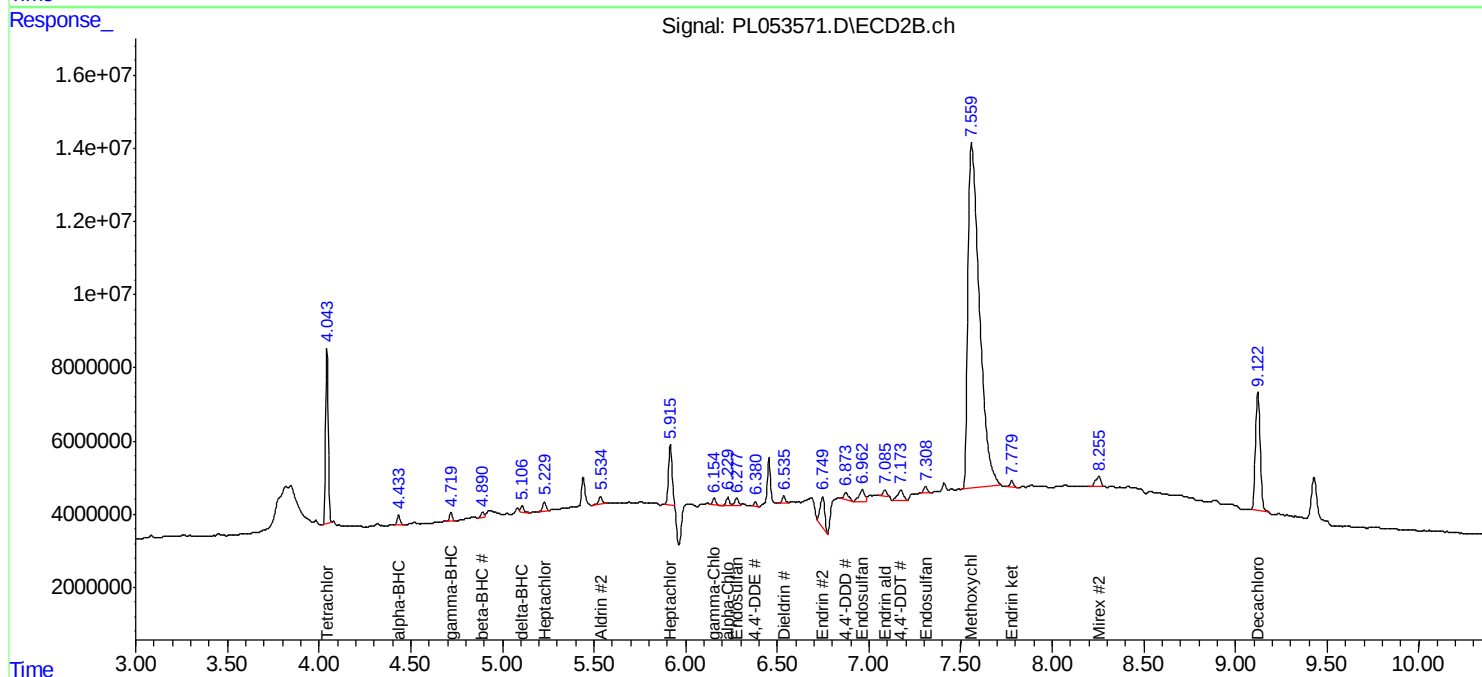
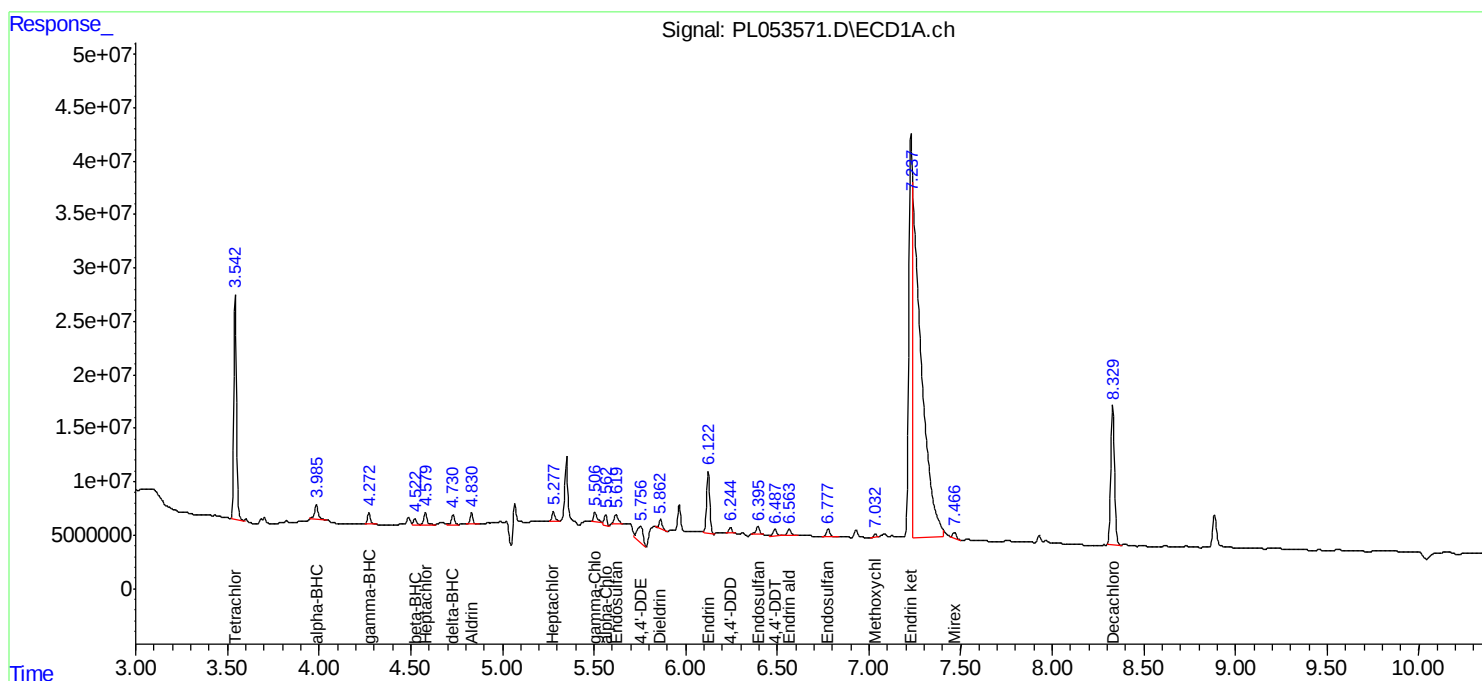
Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

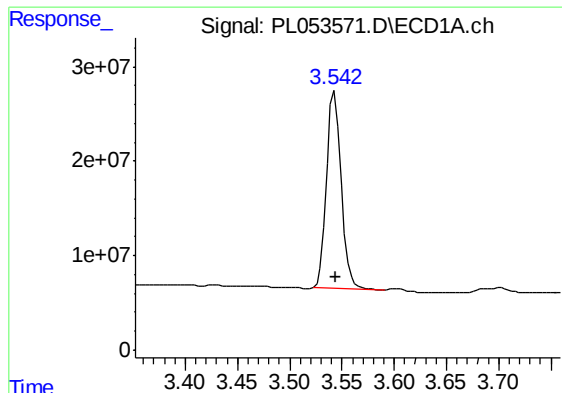
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 03:15:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response 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





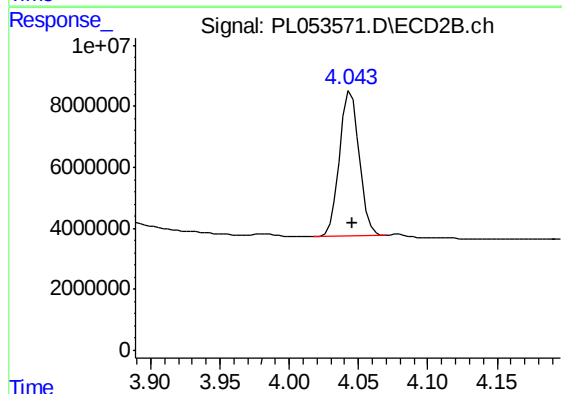
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 203742781
Conc: 18.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

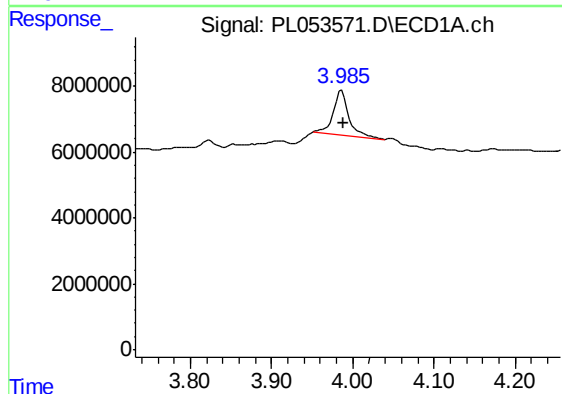
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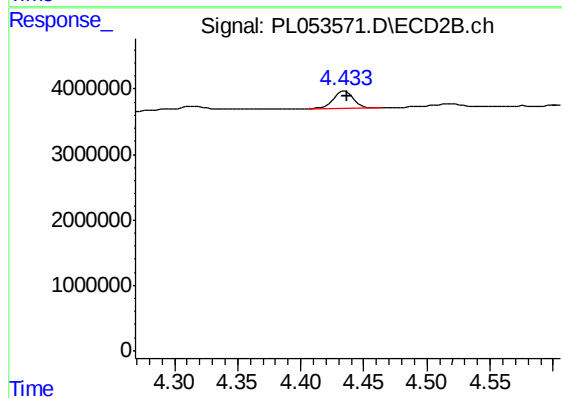
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 47371736
Conc: 18.93 ng/ml



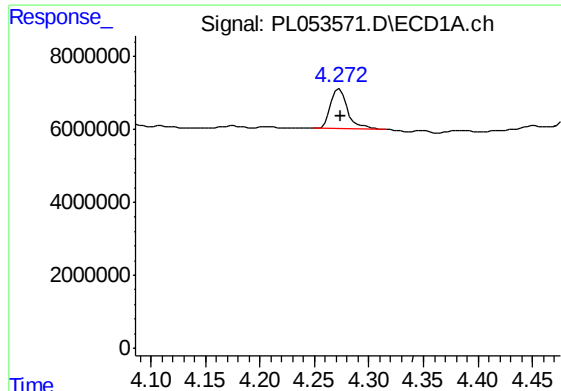
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 18150204
Conc: 1.04 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 2875100
Conc: 0.83 ng/ml



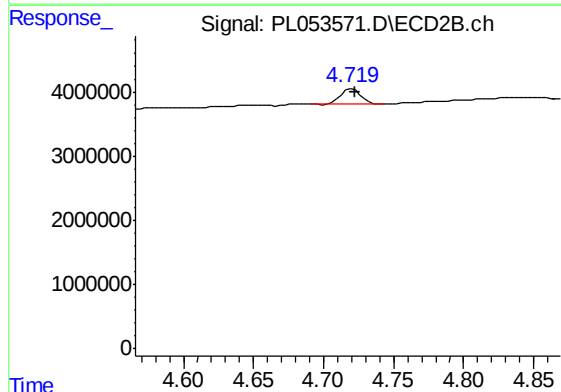
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: -0.002 min
Response: 11971543
Conc: 0.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

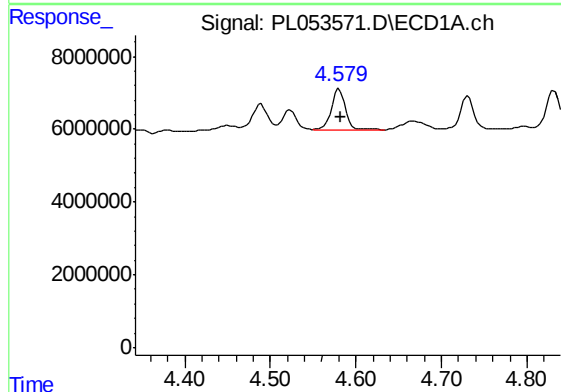
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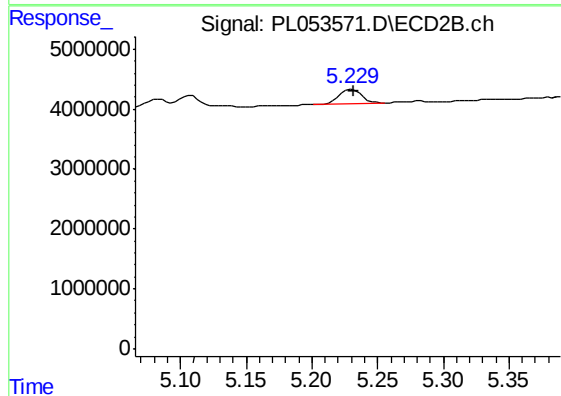
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 2376318
Conc: 0.74 ng/ml



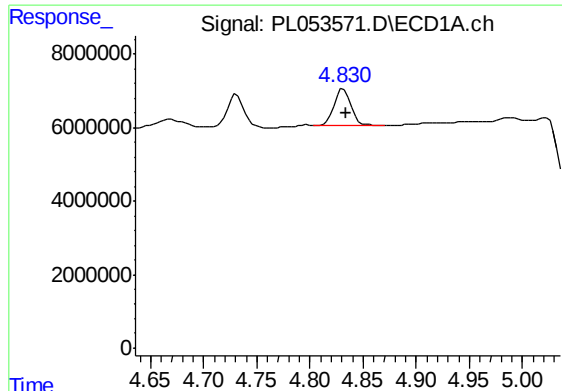
#4 Heptachlor

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 12845818
Conc: 0.81 ng/ml



#4 Heptachlor

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 2809470
Conc: 0.87 ng/ml



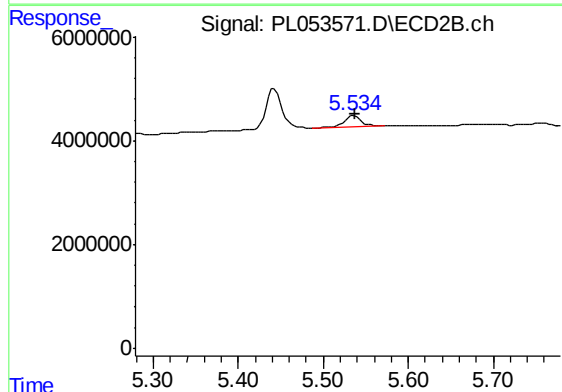
#5 Aldrin

R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 11131528
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

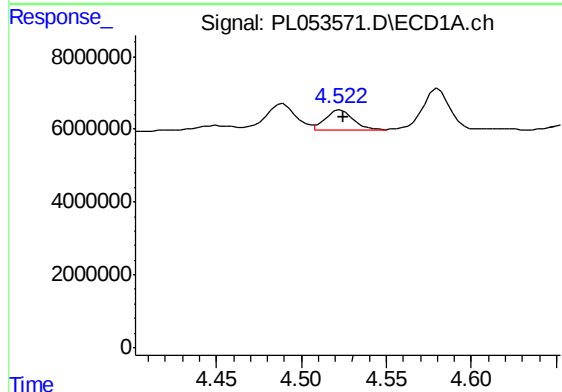
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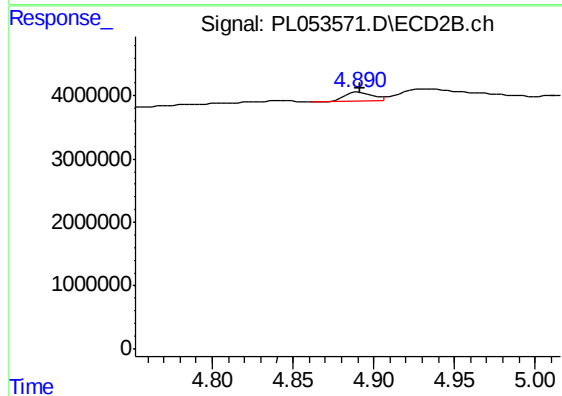
#5 Aldrin

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 2933502
Conc: 0.98 ng/ml



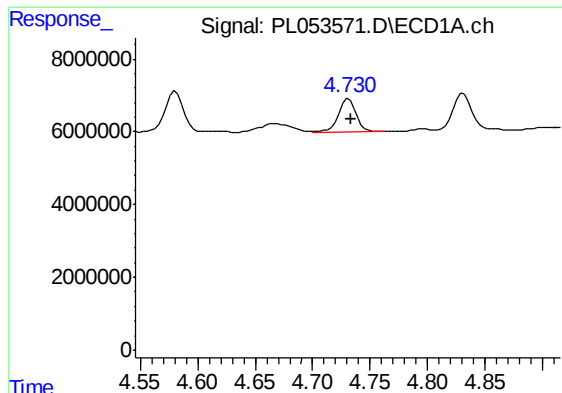
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.001 min
Response: 6002414
Conc: 0.91 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 1445012
Conc: 0.94 ng/ml



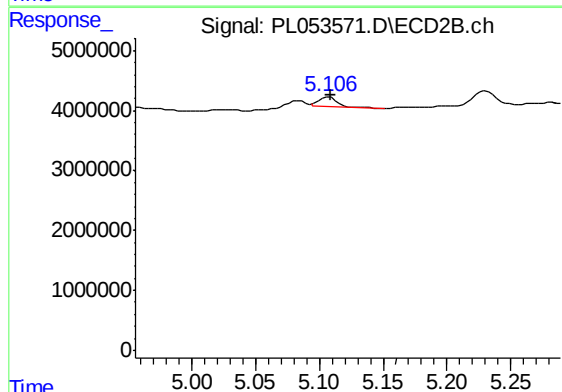
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.003 min
Response: 10080515
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

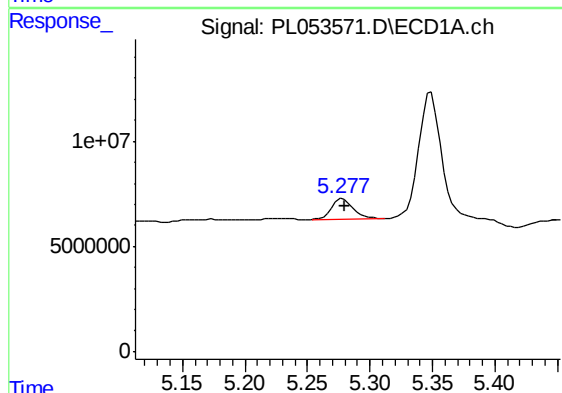
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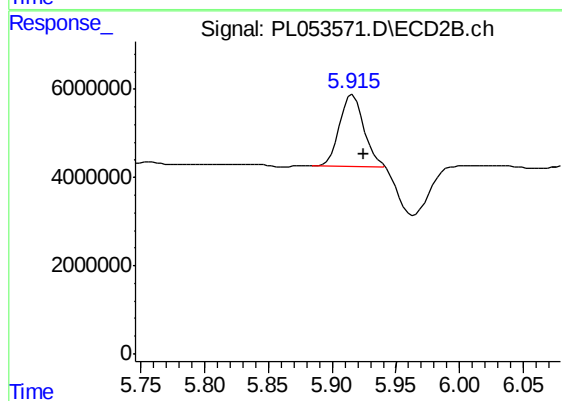
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.001 min
Response: 1641390
Conc: 0.54 ng/ml



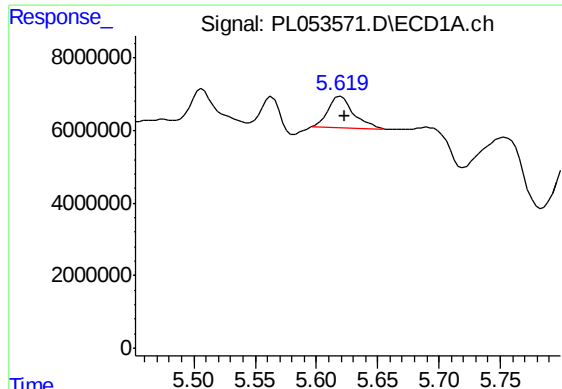
#8 Heptachlor epoxide

R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 11833423
Conc: 0.88 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 21590912
Conc: 7.40 ng/ml m



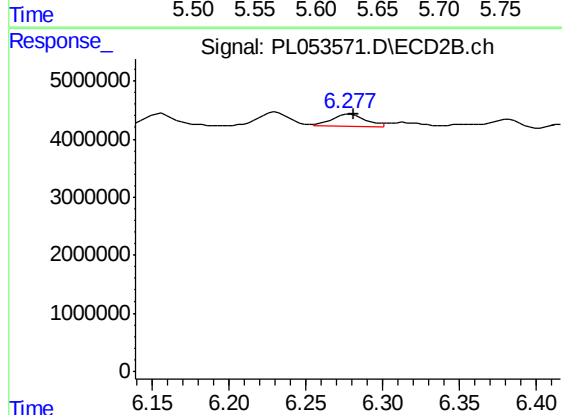
#9 Endosulfan I

R.T.: 5.619 min
Delta R.T.: -0.004 min
Response: 12686784
Conc: 1.03 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

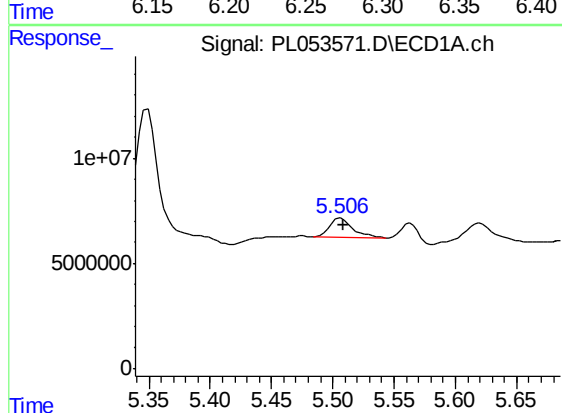
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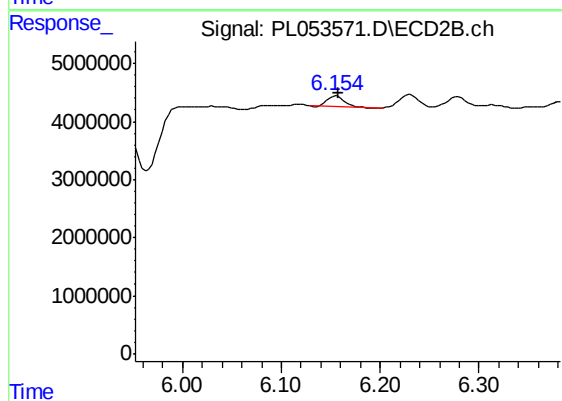
#9 Endosulfan I

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 3124086
Conc: 1.15 ng/ml



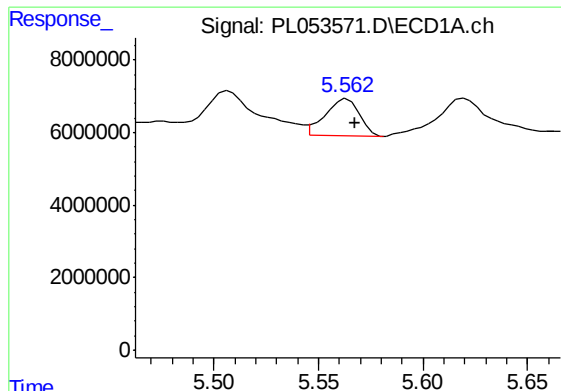
#10 gamma-Chlordane

R.T.: 5.505 min
Delta R.T.: -0.003 min
Response: 12293514
Conc: 0.90 ng/ml m



#10 gamma-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 2168902
Conc: 0.74 ng/ml



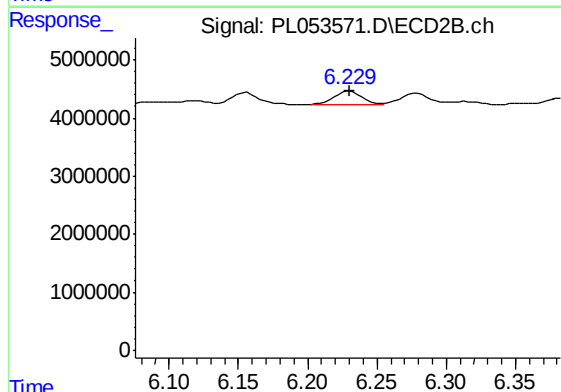
#11 alpha-Chlordane

R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 11299583
Conc: 0.85 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

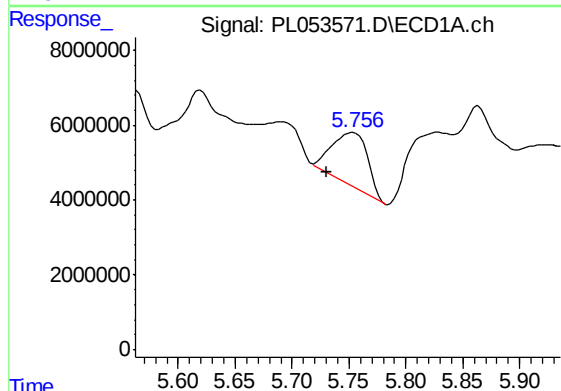
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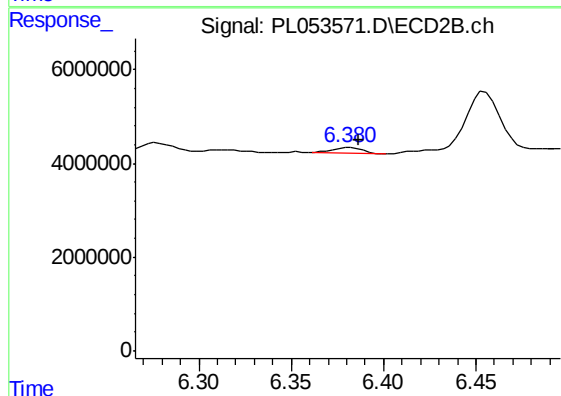
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 3296824
Conc: 1.13 ng/ml



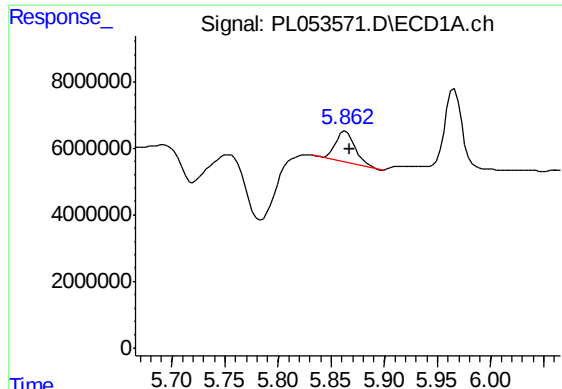
#12 4,4'-DDE

R.T.: 5.756 min
Delta R.T.: 0.025 min
Response: 30407485
Conc: 2.56 ng/ml m



#12 4,4'-DDE

R.T.: 6.380 min
Delta R.T.: -0.007 min
Response: 1368971
Conc: 0.49 ng/ml m



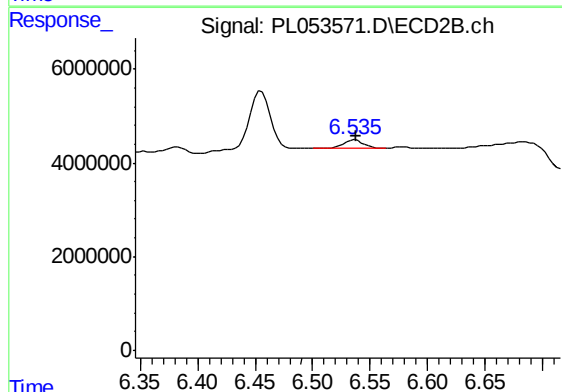
#13 Dieldrin

R.T.: 5.863 min
Delta R.T.: -0.004 min
Response: 12027084
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

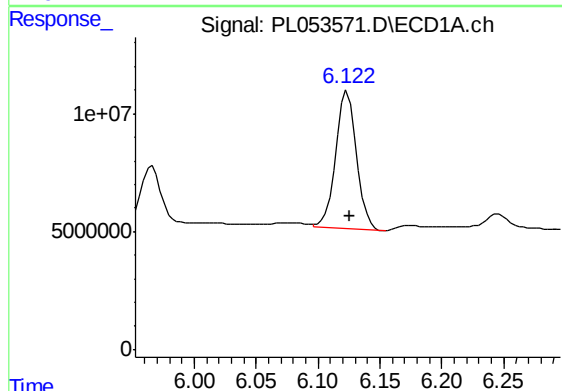
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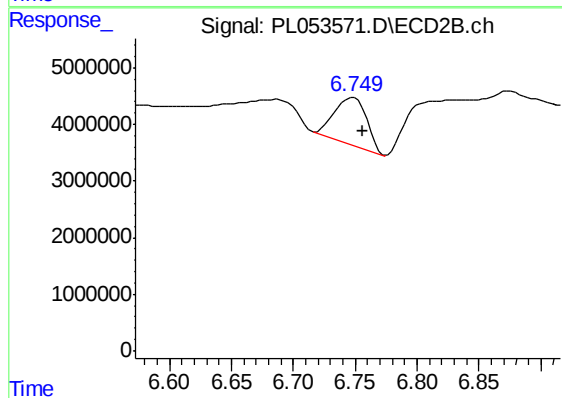
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 2218835
Conc: 0.78 ng/ml



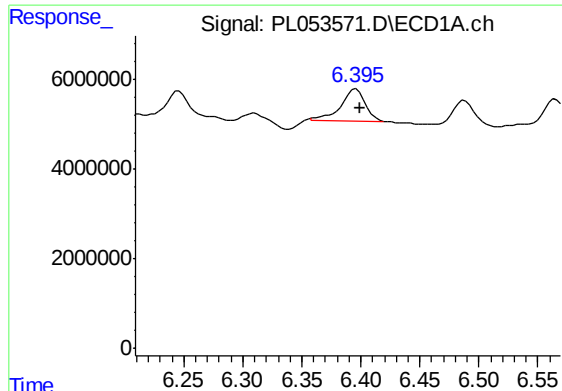
#14 Endrin

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 68602792
Conc: 5.92 ng/ml



#14 Endrin

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 15155685
Conc: 6.24 ng/ml m



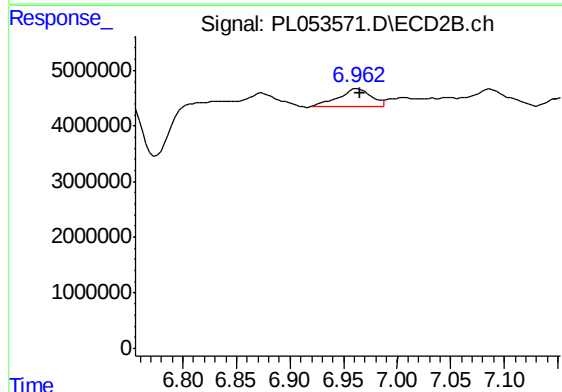
#15 Endosulfan II

R.T.: 6.395 min
Delta R.T.: -0.004 min
Response: 10774965
Conc: 0.96 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

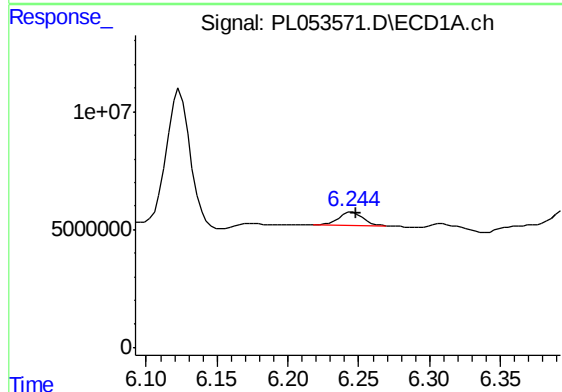
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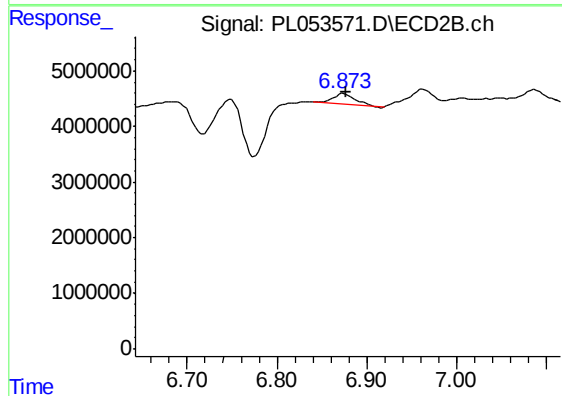
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 6776627
Conc: 2.65 ng/ml



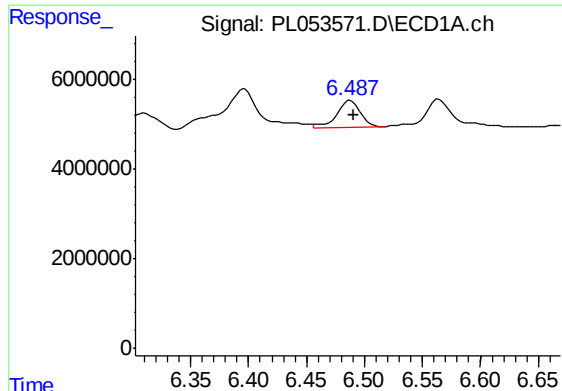
#16 4,4'-DDD

R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 6756747
Conc: 0.76 ng/ml m



#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 3167202
Conc: 1.52 ng/ml



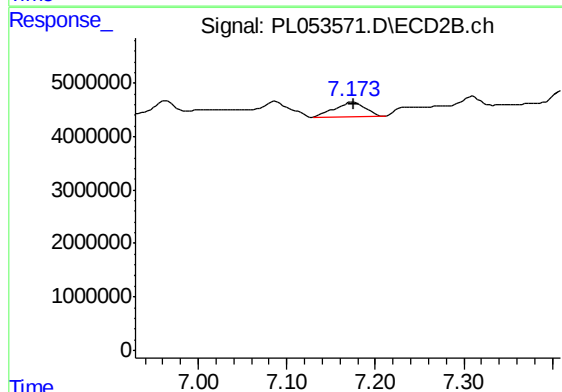
#17 4,4'-DDT

R.T.: 6.488 min
Delta R.T.: -0.003 min
Response: 8861023
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

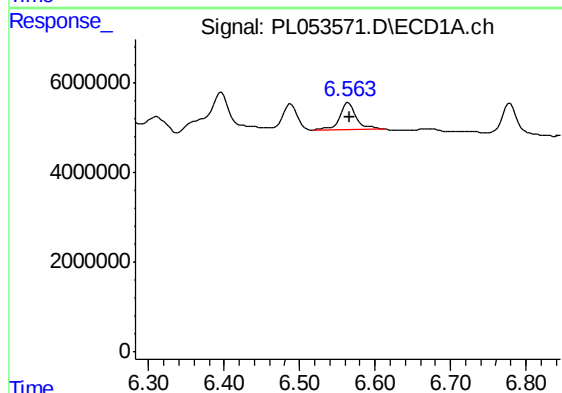
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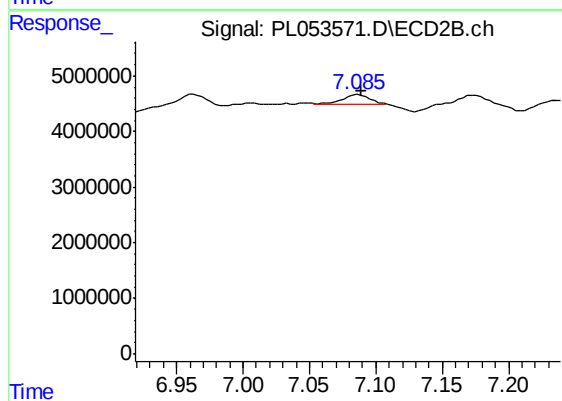
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 6677420
Conc: 2.89 ng/ml



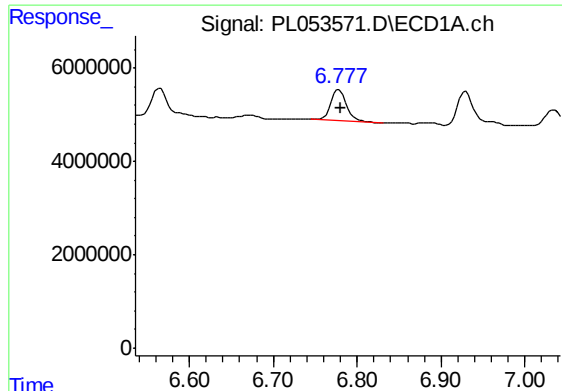
#18 Endrin aldehyde

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 9421584
Conc: 1.03 ng/ml



#18 Endrin aldehyde

R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 2260453
Conc: 1.03 ng/ml m



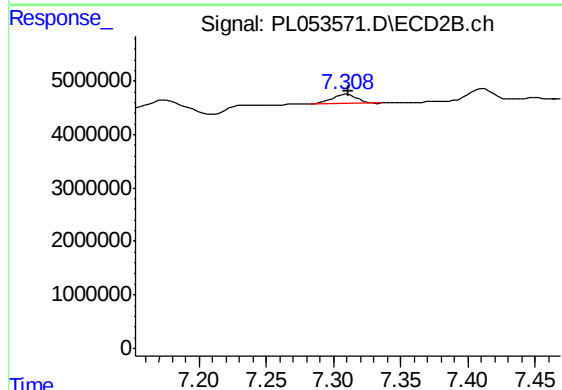
#19 Endosulfan Sulfate

R.T.: 6.778 min
Delta R.T.: -0.003 min
Response: 8931713
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

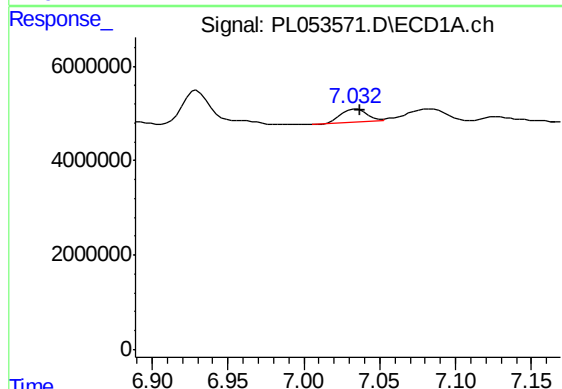
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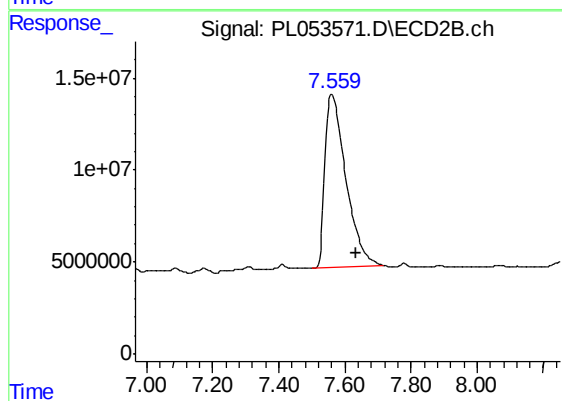
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 2221309
Conc: 0.91 ng/ml



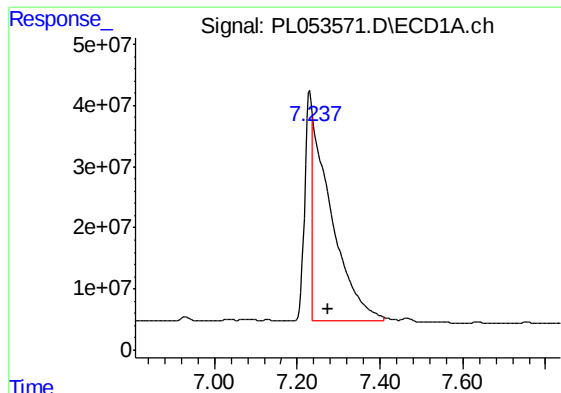
#20 Methoxychlor

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 3538464
Conc: 0.72 ng/ml m



#20 Methoxychlor

R.T.: 7.559 min
Delta R.T.: -0.075 min
Response: 416937209
Conc: 320.99 ng/ml m



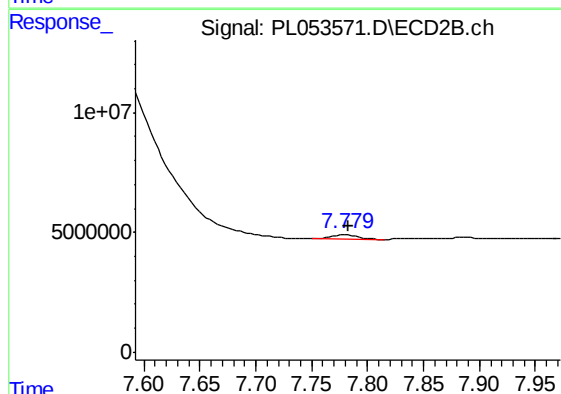
#21 Endrin ketone

R.T.: 7.237 min
Delta R.T.: -0.039 min
Response: 1118615044
Conc: 103.91 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

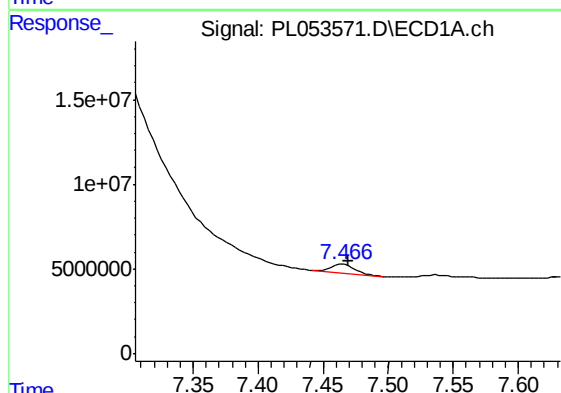
Manual Integrations
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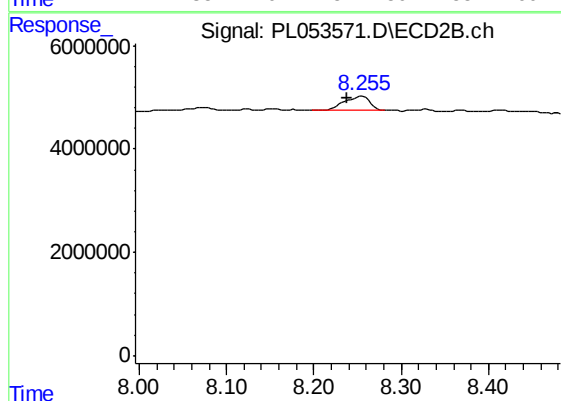
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 2385642
Conc: 0.93 ng/ml



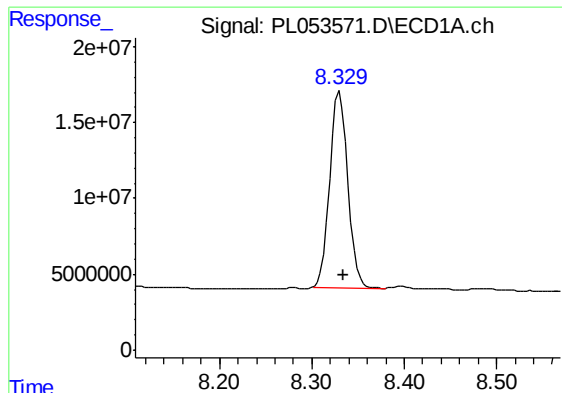
#22 Mirex

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 6900795
Conc: 0.81 ng/ml m



#22 Mirex

R.T.: 8.256 min
Delta R.T.: 0.017 min
Response: 5495322
Conc: 2.72 ng/ml



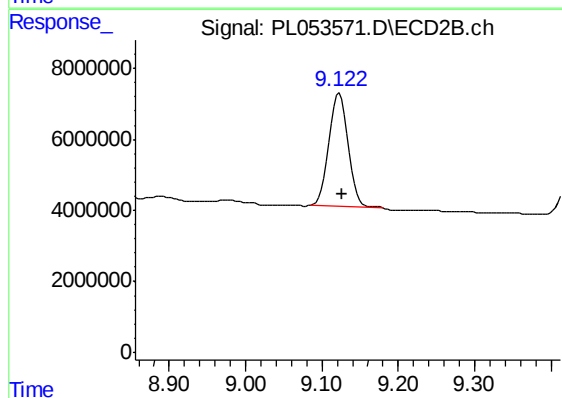
#28 Decachlorobiphenyl

R.T.: 8.330 min
Delta R.T.: -0.004 min
Response: 176842927
Conc: 18.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 55863965
Conc: 19.84 ng/ml