

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012020\
 Data File : PL055891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 01:37
 Operator : AJ\MA
 Sample : L1161-08
 Misc : LOQ 5 PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:37:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 02:21:03 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...	3.490	3.966	203.8E6	62266402	21.264	22.031
28)	SA Decachlor...	8.234	8.951	238.2E6	53941522	22.779	23.545
Target Compounds							
2)	A alpha-BHC	3.927	4.349	79817256	20157832	4.810	4.753
3)	MA gamma-BHC...	4.210	4.629	57474670	19334481	3.788	4.874 #
4)	MA Heptachlor	4.511	5.128	71368546	18414988	4.779	5.446
5)	MB Aldrin	4.759	5.428	70383795	18690436	4.809	5.452
6)	B beta-BHC	4.459	4.798	34470971	10601628	5.372	6.681
7)	B delta-BHC	4.664	5.010	60464538	14454585	4.125	4.838m
8)	B Heptachlo...	5.201	5.809	67987425	16332035	4.929	5.466
9)	A Endosulfan I	5.540	6.162	67236771	16369276	5.182	5.622
10)	B gamma-Chl...	5.427	6.041	70298891	17011937	5.011	5.517
11)	B alpha-Chl...	5.486	6.112	69665579	17289901	5.039	5.600
12)	B 4,4'-DDE	5.648	6.267	64576213	15726549	4.944	5.370
13)	MA Dieldrin	5.782	6.416	67027025	16657777	4.846	5.512
14)	MA Endrin	6.040	6.631	70785562	13178393	5.603	5.201
15)	B Endosulfa...	6.310	6.839	46670010	15456714	4.179	5.764 #
16)	A 4,4'-DDD	6.163	6.752	47255584	12107562	4.746	5.252
17)	MA 4,4'-DDT	6.403	7.047	43174390	11866684	4.266	5.256
18)	B Endrin al...	6.479	6.961	53805695	13052130	5.177	5.782
19)	B Endosulfa...	6.692	7.182	52473313	14883336	4.852m	6.012
20)	A Methoxychlor	6.947	7.501	23593383	6449254	4.521	5.405
21)	B Endrin ke...	7.182	7.648	62326521	15008481	4.951	5.684
22)	Mirex	7.372	8.098	20966829	10828220	2.985	5.934 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012020\
Data File : PL055891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2020 01:37
Operator : AJ\MA
Sample : L1161-08
Misc : LOQ 5 PPB
ALS Vial : 30 Sample Multiplier: 1

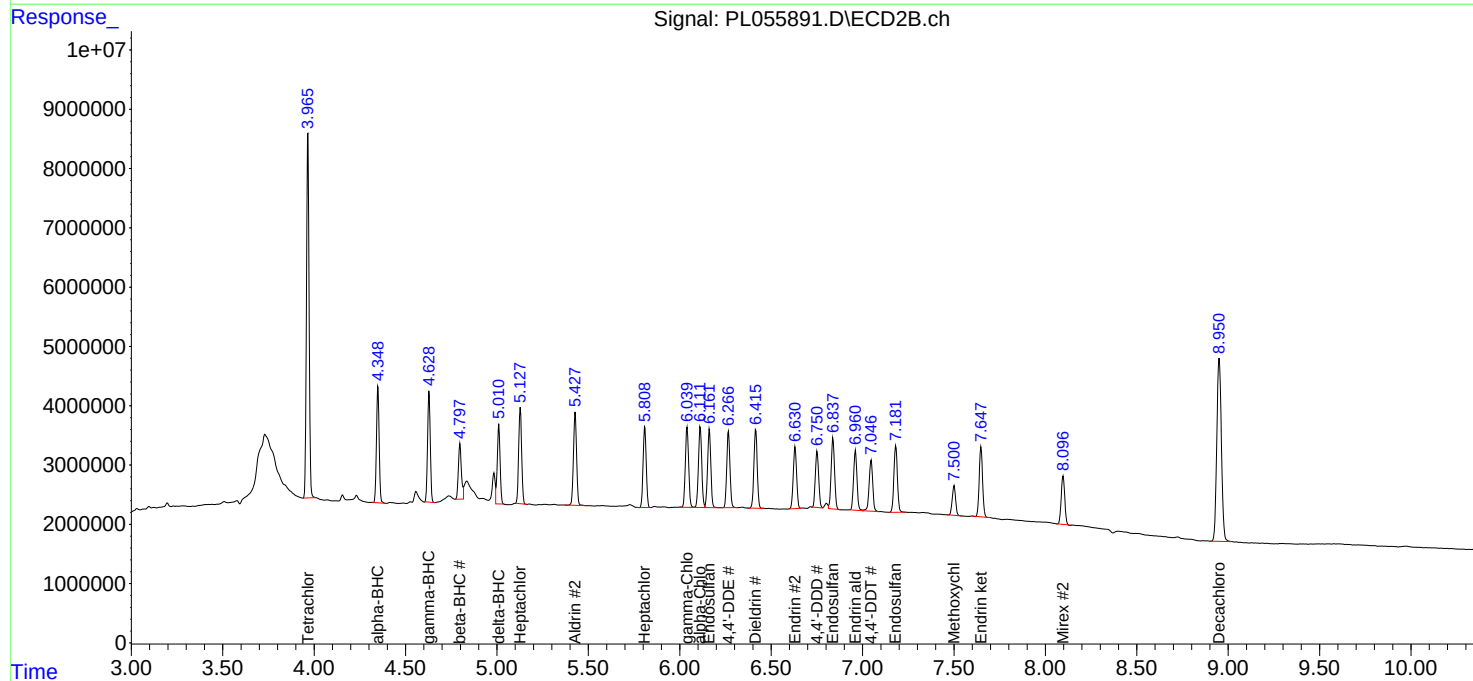
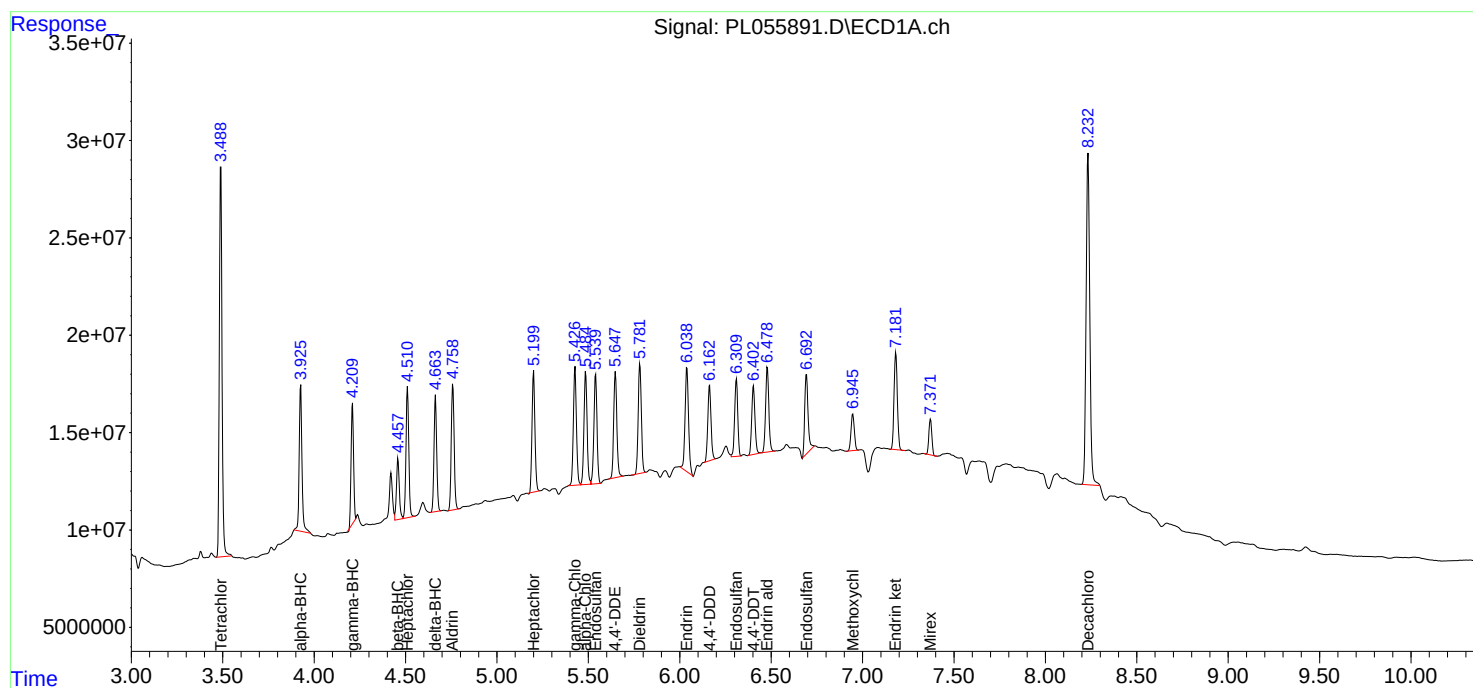
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

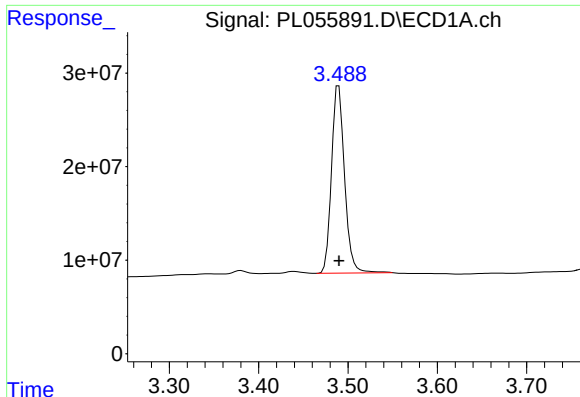
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 03:37:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012020.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 02:21:03 2020
Response 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





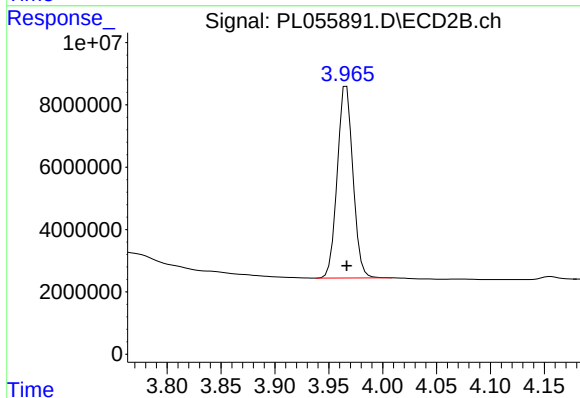
#1 Tetrachloro-m-xylene

R.T.: 3.490 min
Delta R.T.: 0.000 min
Response: 203808617
Conc: 21.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

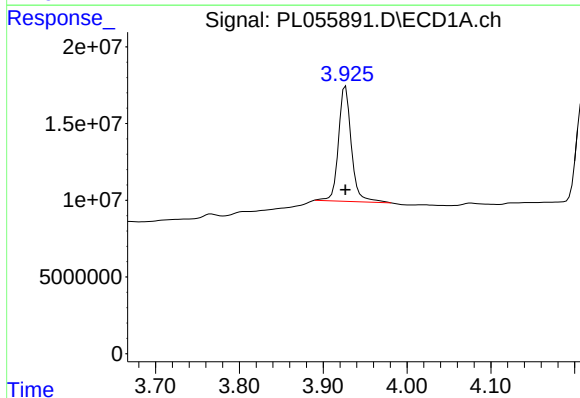
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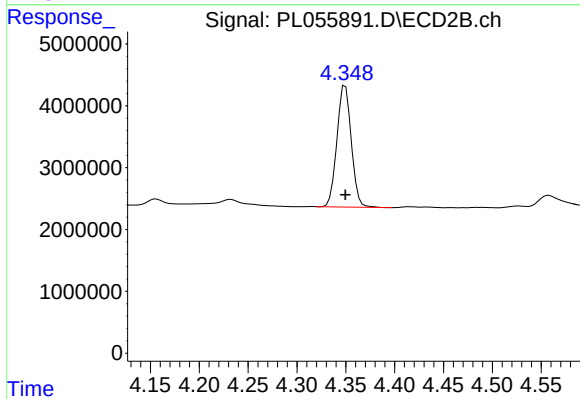
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.000 min
Response: 62266402
Conc: 22.03 ng/ml



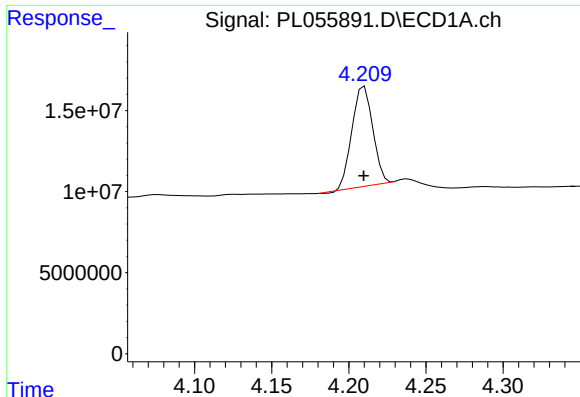
#2 alpha-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 79817256
Conc: 4.81 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 20157832
Conc: 4.75 ng/ml



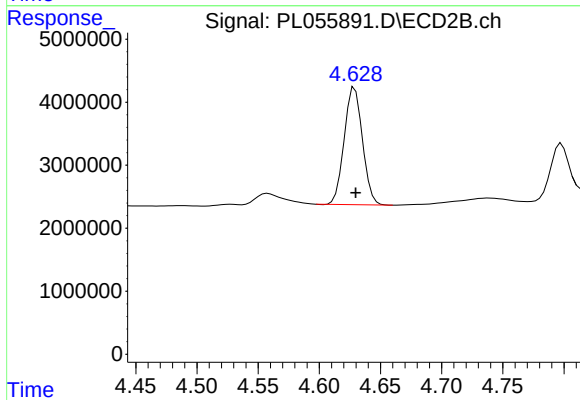
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 57474670
Conc: 3.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

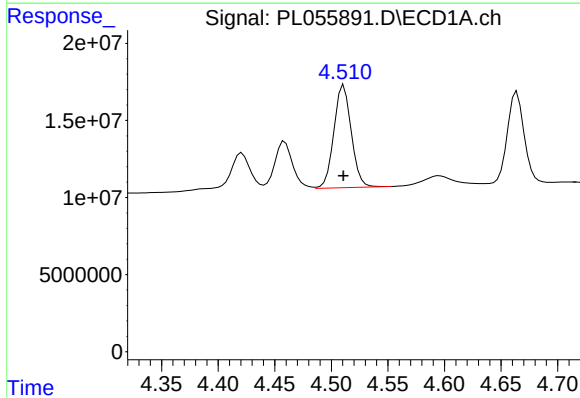
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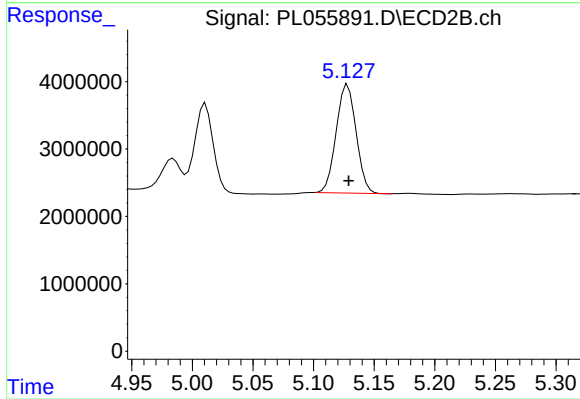
#3 gamma-BHC (Lindane)

R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 19334481
Conc: 4.87 ng/ml



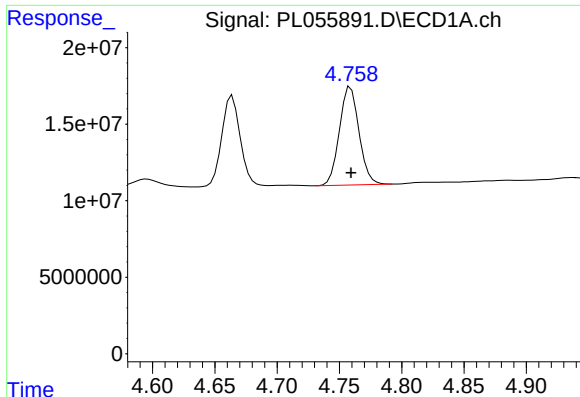
#4 Heptachlor

R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 71368546
Conc: 4.78 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 18414988
Conc: 5.45 ng/ml



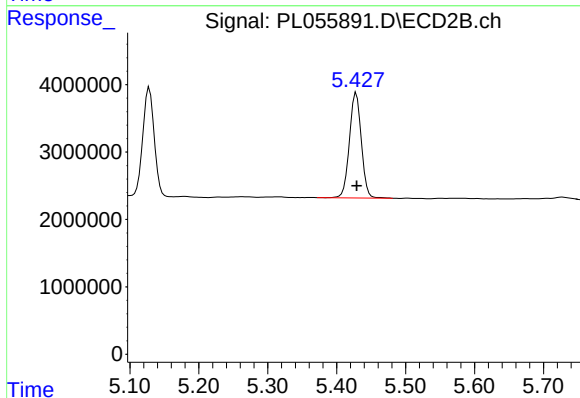
#5 Aldrin

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 70383795
Conc: 4.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

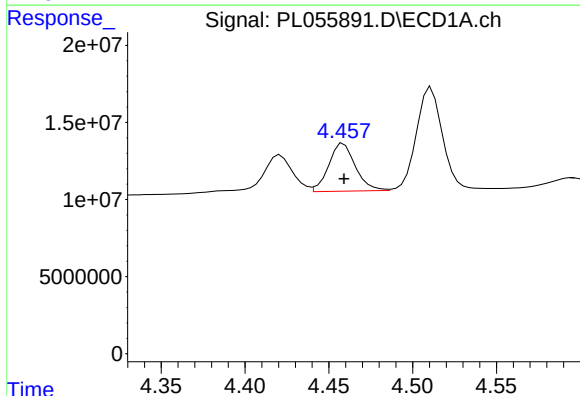
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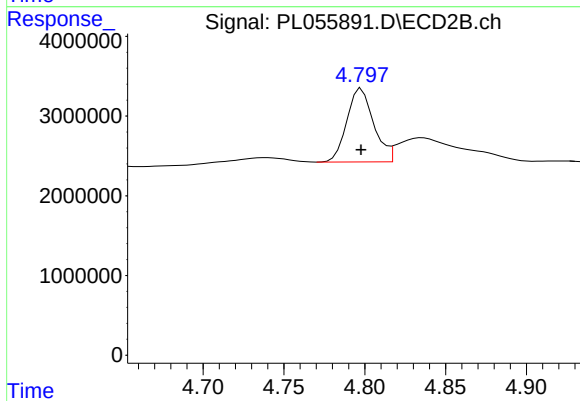
#5 Aldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 18690436
Conc: 5.45 ng/ml



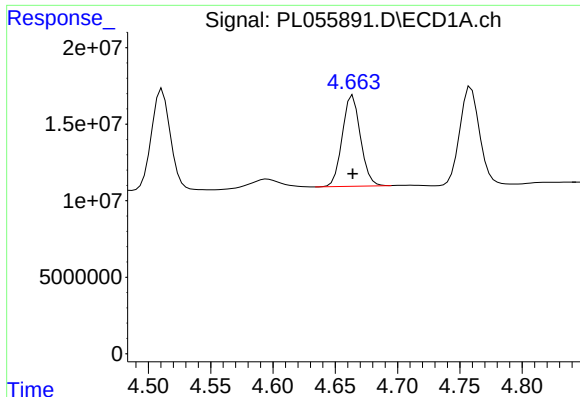
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 34470971
Conc: 5.37 ng/ml



#6 beta-BHC

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 10601628
Conc: 6.68 ng/ml



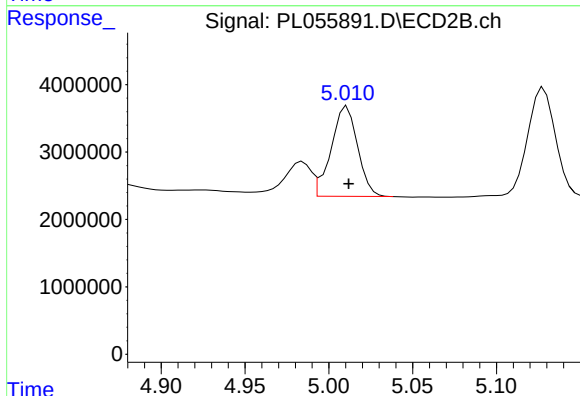
#7 delta-BHC

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 60464538
Conc: 4.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

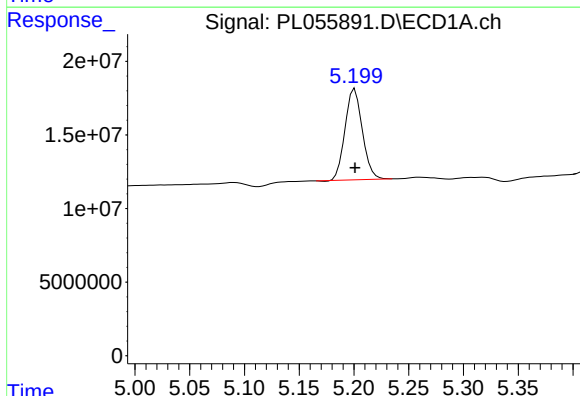
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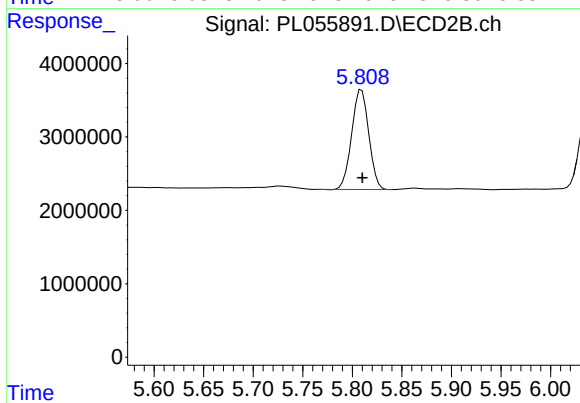
#7 delta-BHC

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 14454585
Conc: 4.84 ng/ml m



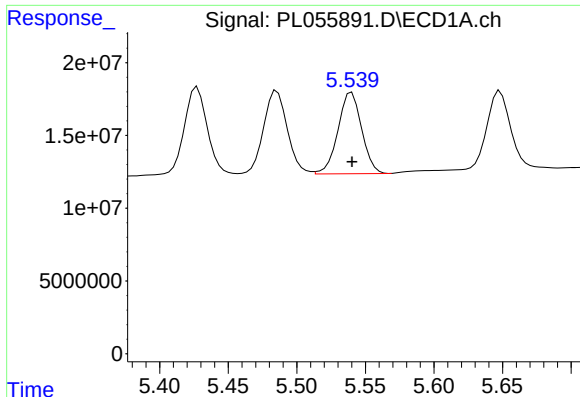
#8 Heptachlor epoxide

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 67987425
Conc: 4.93 ng/ml



#8 Heptachlor epoxide

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 16332035
Conc: 5.47 ng/ml



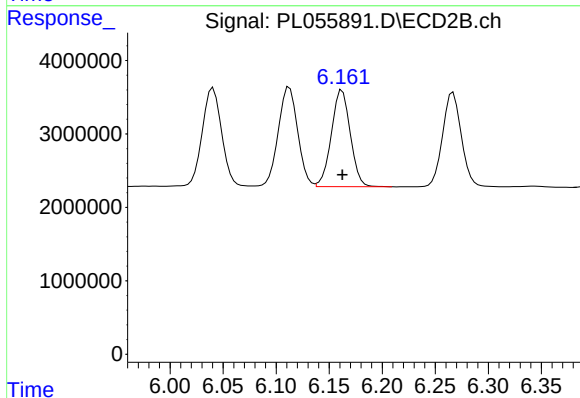
#9 Endosulfan I

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 67236771
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

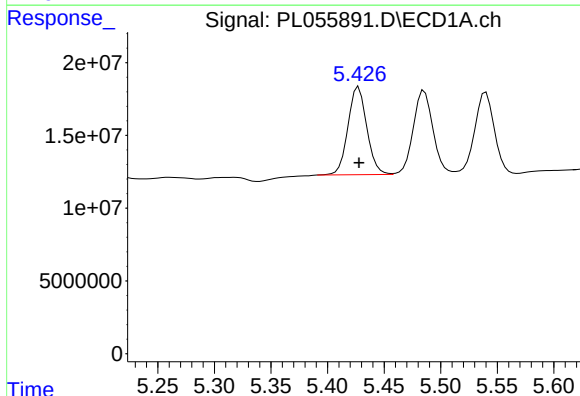
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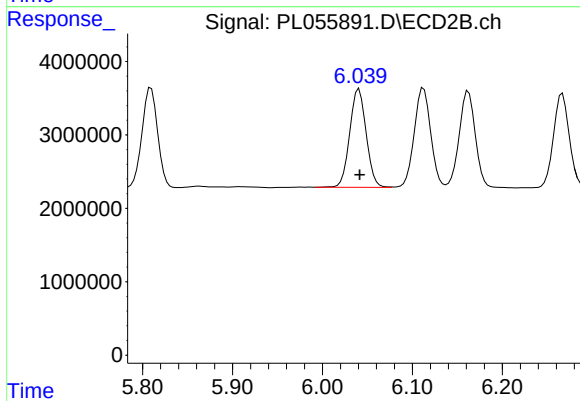
#9 Endosulfan I

R.T.: 6.162 min
Delta R.T.: 0.000 min
Response: 16369276
Conc: 5.62 ng/ml



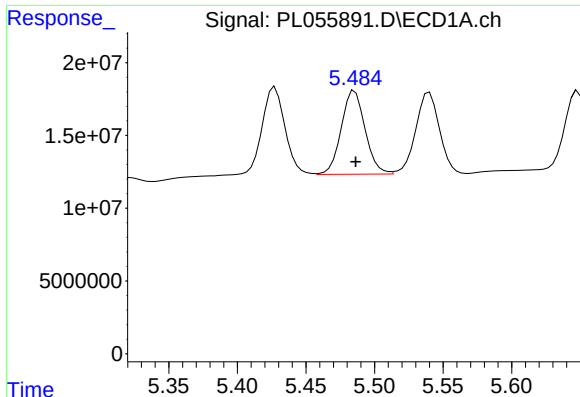
#10 gamma-Chlordane

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 70298891
Conc: 5.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 17011937
Conc: 5.52 ng/ml



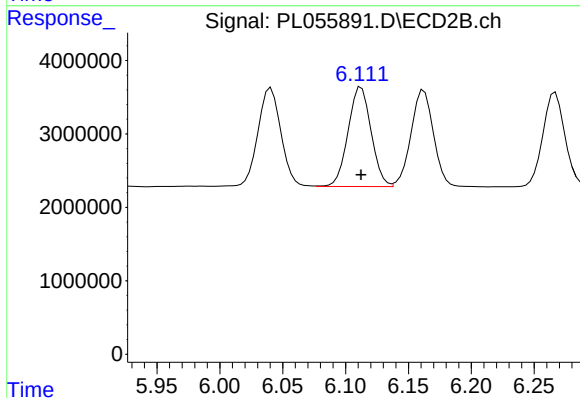
#11 alpha-Chlordane

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 69665579
Conc: 5.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

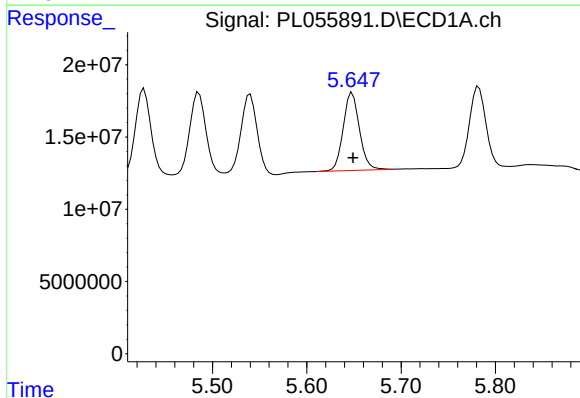
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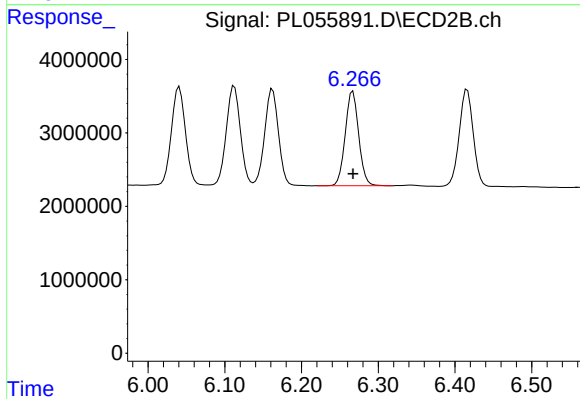
#11 alpha-Chlordane

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 17289901
Conc: 5.60 ng/ml



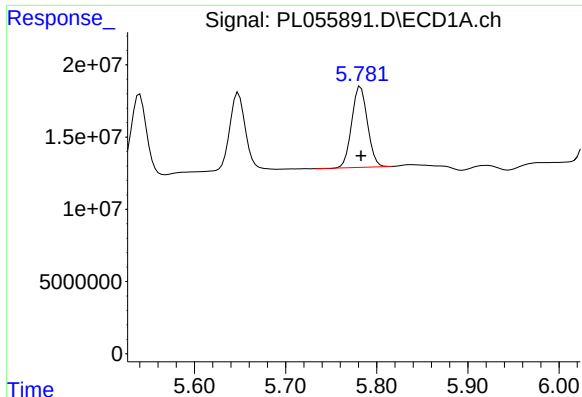
#12 4,4'-DDE

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 64576213
Conc: 4.94 ng/ml



#12 4,4'-DDE

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 15726549
Conc: 5.37 ng/ml



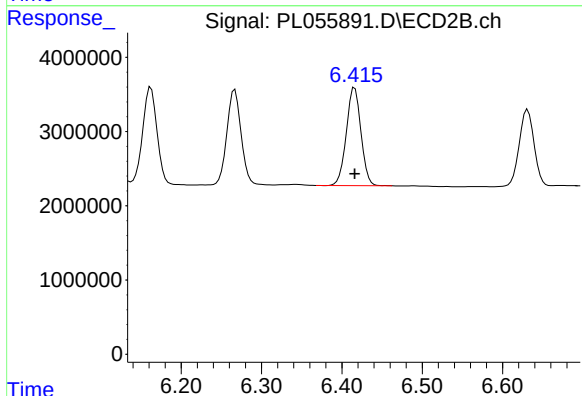
#13 Dieldrin

R.T.: 5.782 min
Delta R.T.: 0.000 min
Response: 67027025
Conc: 4.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

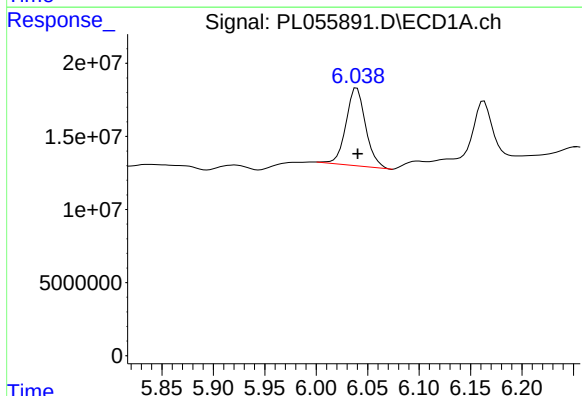
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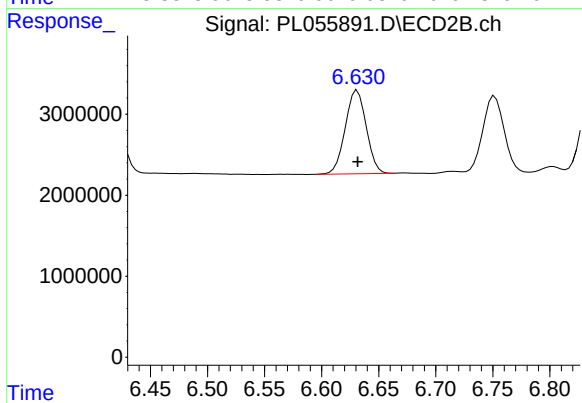
#13 Dieldrin

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 16657777
Conc: 5.51 ng/ml



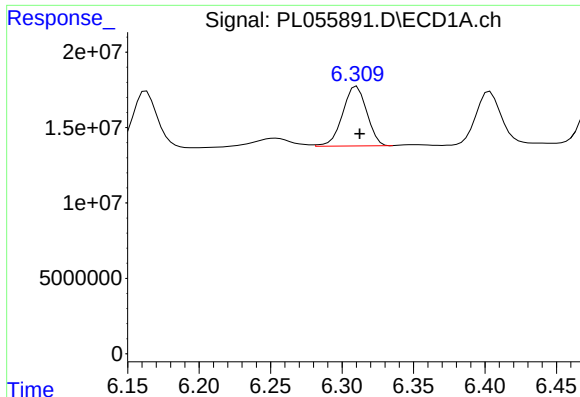
#14 Endrin

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 70785562
Conc: 5.60 ng/ml



#14 Endrin

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 13178393
Conc: 5.20 ng/ml



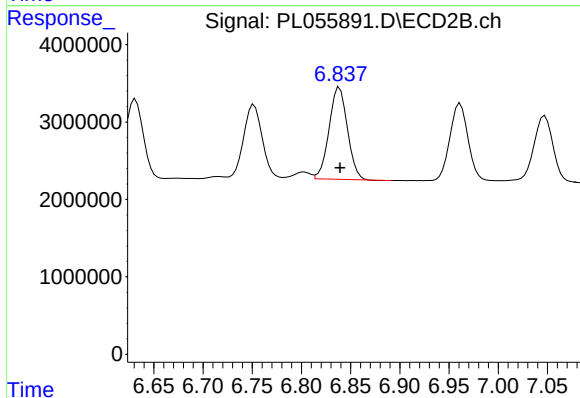
#15 Endosulfan II

R.T.: 6.310 min
Delta R.T.: -0.002 min
Response: 46670010
Conc: 4.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

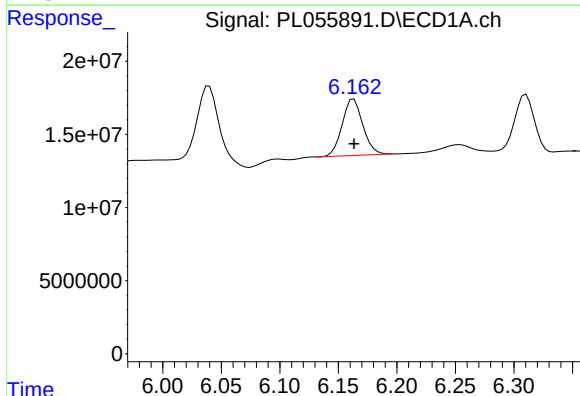
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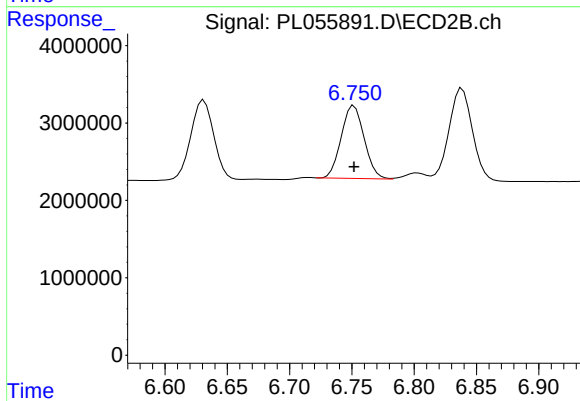
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 15456714
Conc: 5.76 ng/ml



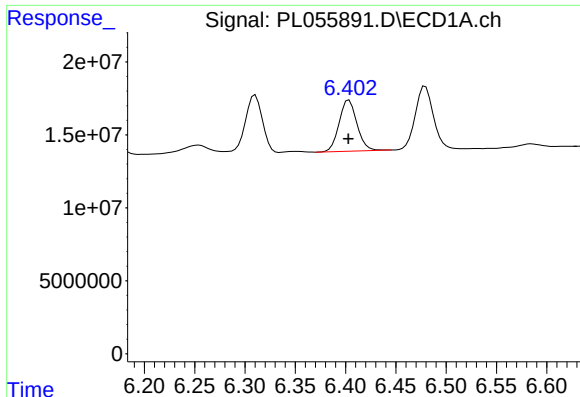
#16 4,4'-DDD

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 47255584
Conc: 4.75 ng/ml



#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 12107562
Conc: 5.25 ng/ml



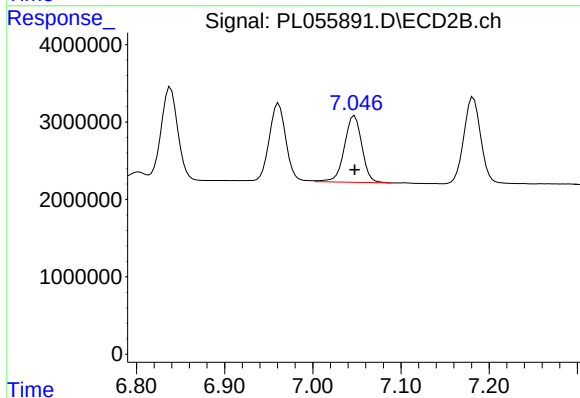
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 43174390
Conc: 4.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

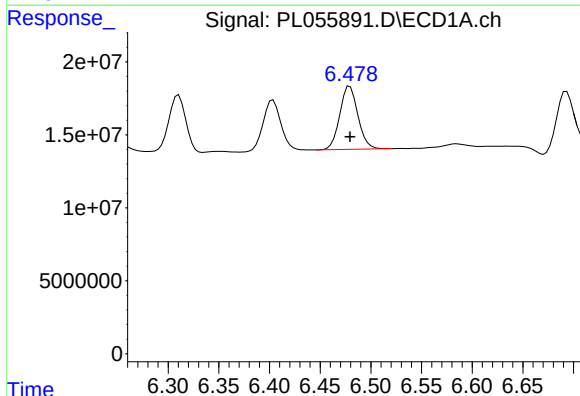
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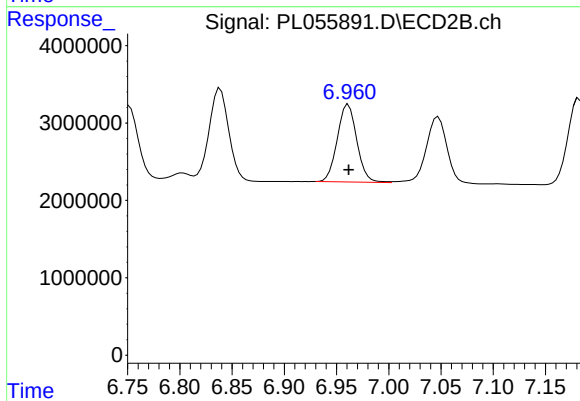
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 11866684
Conc: 5.26 ng/ml



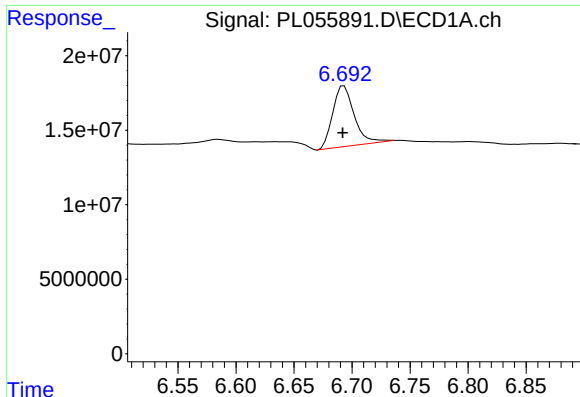
#18 Endrin aldehyde

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 53805695
Conc: 5.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 13052130
Conc: 5.78 ng/ml



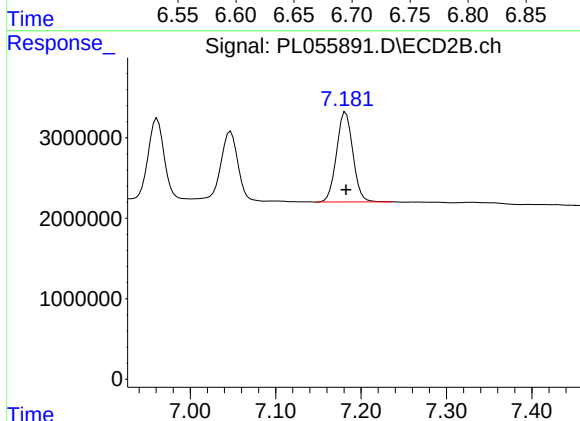
#19 Endosulfan Sulfate

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 52473313
Conc: 4.85 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

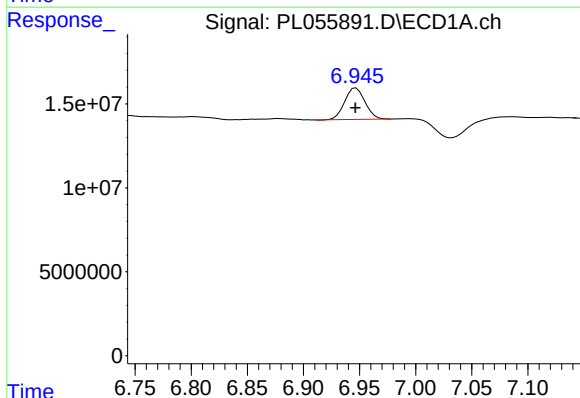
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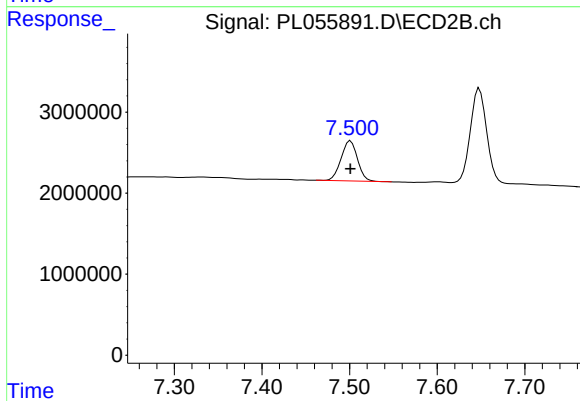
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 14883336
Conc: 6.01 ng/ml



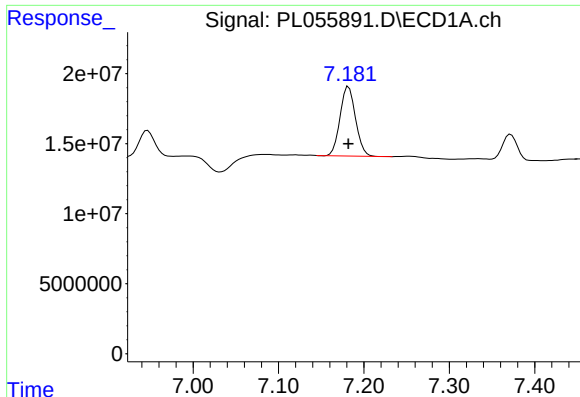
#20 Methoxychlor

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 23593383
Conc: 4.52 ng/ml



#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 6449254
Conc: 5.40 ng/ml



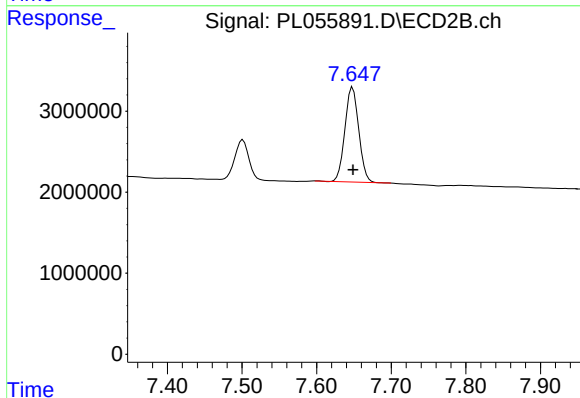
#21 Endrin ketone

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 62326521
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

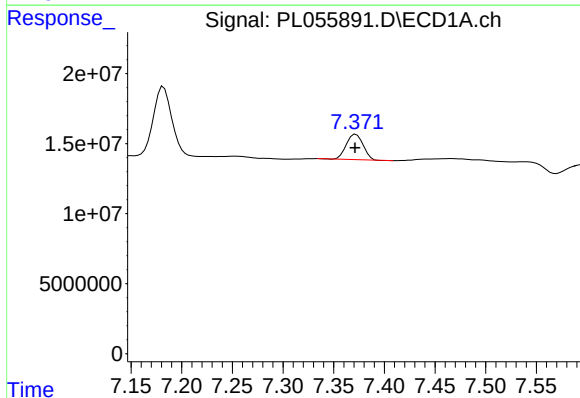
Manual Integrations
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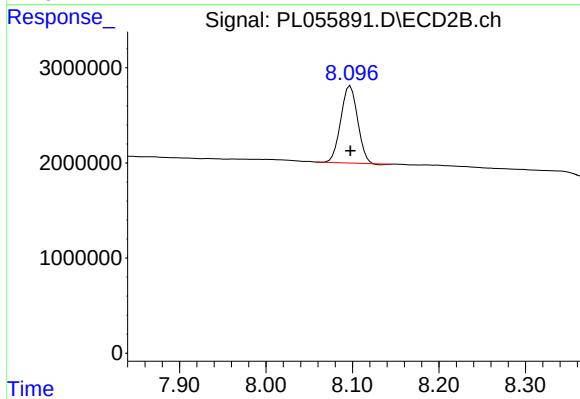
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 15008481
Conc: 5.68 ng/ml



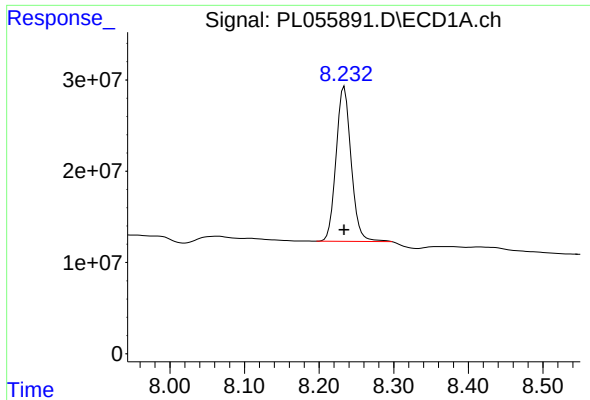
#22 Mirex

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 20966829
Conc: 2.99 ng/ml



#22 Mirex

R.T.: 8.098 min
Delta R.T.: 0.000 min
Response: 10828220
Conc: 5.93 ng/ml



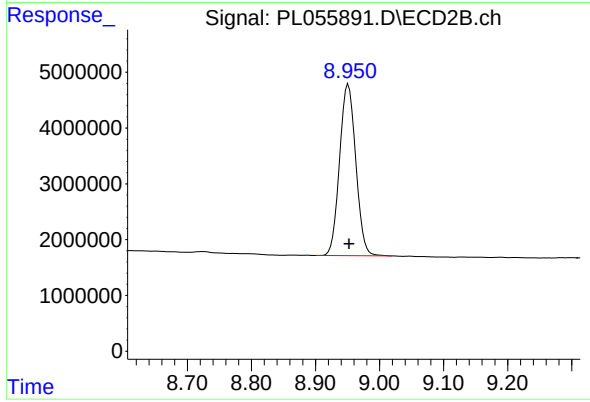
#28 Decachlorobiphenyl

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 238172051
Conc: 22.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2020

Manual Integrations
APPROVED

mohammad
1/21/2020 3:02:40 PM



#28 Decachlorobiphenyl

R.T.: 8.951 min
Delta R.T.: -0.001 min
Response: 53941522
Conc: 23.55 ng/ml