

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071420\
 Data File : PL059877.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2020 10:59
 Operator : DD\AJ
 Sample : L3216-09
 Misc : PEST MDL 1 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 16:14:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 10 18:52:06 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...	3.464	4.011	33872927	45499812	17.512	17.168
28)	SA Decachlor...	8.227	9.101	30008311	37901751	18.241	18.123
Target Compounds							
2)	A alpha-BHC	3.902	4.400	3286261	2911349	1.143	0.754 #
3)	MA gamma-BHC...	4.185	4.685	1253235	2860702	0.507	0.789 #
4)	MA Heptachlor	4.488	5.197	1859437	3892475	0.829	1.157 #
5)	MB Aldrin	4.736	5.503	1500604	3201582	0.760	1.028 #
6)	B beta-BHC	4.436	4.855	996622	1094822	0.976	0.724m#
7)	B delta-BHC	4.640	5.072	1494576	1087642	0.672	0.349m#
8)	B Heptachlo...	5.180	5.888	1446602	2269332	0.788	0.843
9)	A Endosulfan I	5.519	6.248	1397052	2724324	0.830	1.021
10)	B gamma-Chl...	5.406	6.127	1384179	1905552	0.763m	0.665
11)	B alpha-Chl...	5.466	6.199	1689572	2771648	0.937	0.969
12)	B 4,4'-DDE	5.632	6.355	1182833	2390034	0.710	0.893 #
13)	MA Dieldrin	5.762	6.506	1555312	2589658	0.881	0.936
14)	MA Endrin	6.019	6.725	1567972	2963104	1.077	1.392 #
15)	B Endosulfa...	6.292	6.934	1784739	4371532	1.069	1.741 #
16)	A 4,4'-DDD	6.147	6.845	1212497	2601482	0.794	1.133m#
17)	MA 4,4'-DDT	6.387	7.145	701245	1477960	0.539m	0.751m#
18)	B Endrin al...	6.461	7.057	1472530	1828331	1.032	0.842m
19)	B Endosulfa...	6.673	7.281	1677251	2323674	1.020m	0.993
20)	A Methoxychlor	6.934	7.606	781368	982780	1.045m	0.866m
21)	B Endrin ke...	7.165	7.752	1482093	2169333	0.790	0.840m
22)	Mirex	7.355	8.211	1417658	1982142	0.996	1.072

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071420\
Data File : PL059877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jul 2020 10:59
Operator : DD\AJ
Sample : L3216-09
Misc : PEST MDL 1 PPB
ALS Vial : 11 Sample Multiplier: 1

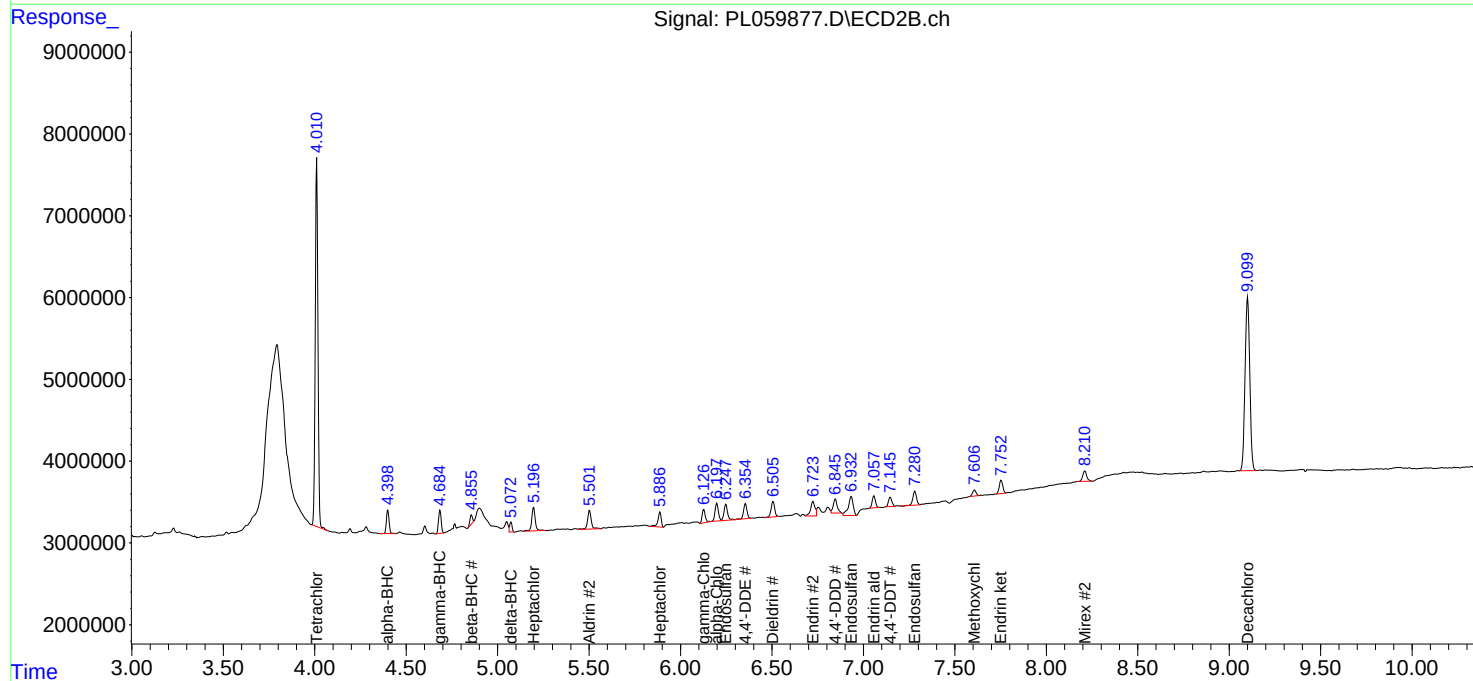
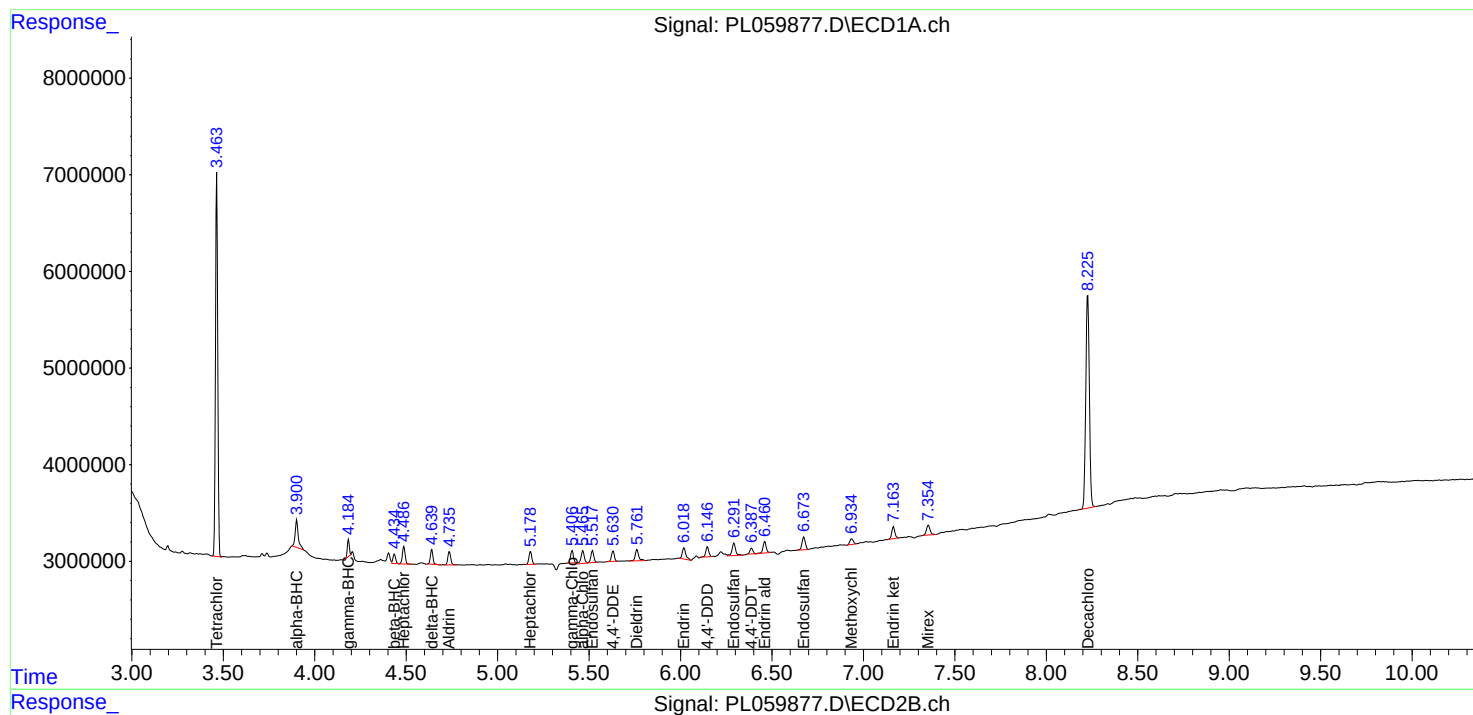
Instrument :
ECD_L
ClientSampled :
MDL-WATER-03-QT3-2020

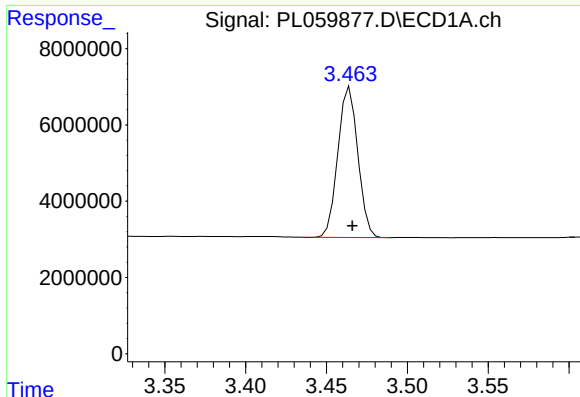
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 14 16:14:39 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071020.M
Quant Title : GC Extractables
QLast Update : Fri Jul 10 18:52:06 2020
Response 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





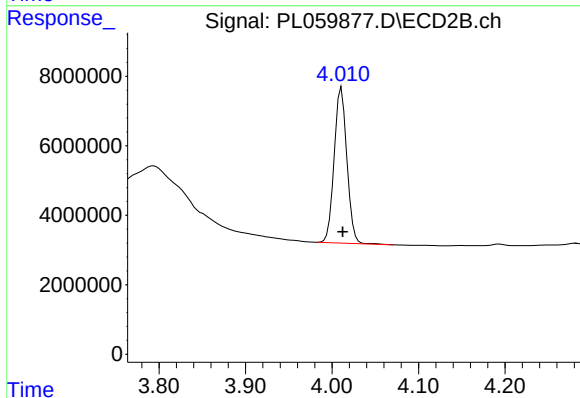
#1 Tetrachloro-m-xylene

R.T.: 3.464 min
Delta R.T.: -0.002 min
Response: 33872927
Conc: 17.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

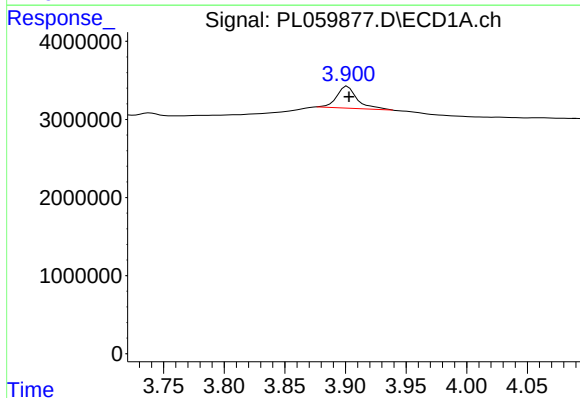
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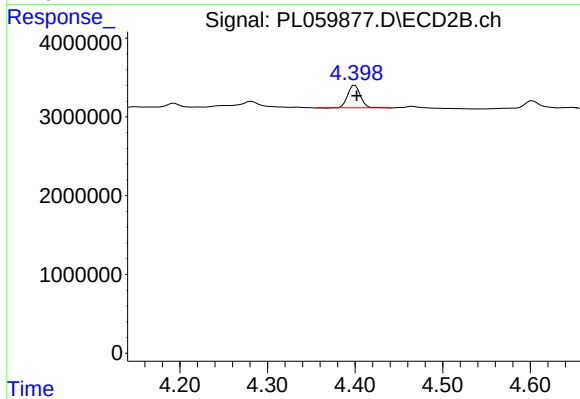
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 45499812
Conc: 17.17 ng/ml



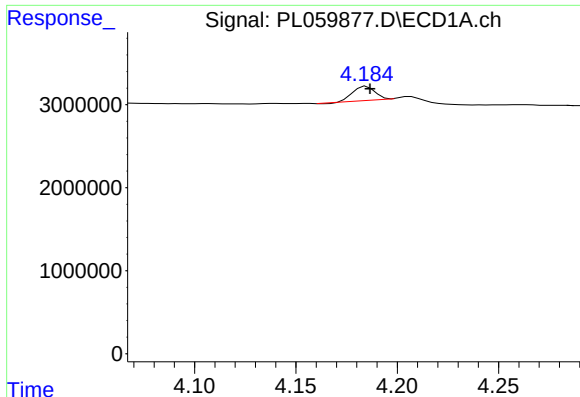
#2 alpha-BHC

R.T.: 3.902 min
Delta R.T.: -0.001 min
Response: 3286261
Conc: 1.14 ng/ml



#2 alpha-BHC

R.T.: 4.400 min
Delta R.T.: -0.002 min
Response: 2911349
Conc: 0.75 ng/ml



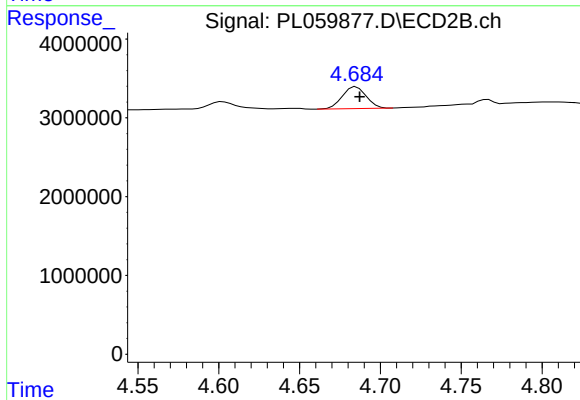
#3 gamma-BHC (Lindane)

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 1253235
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

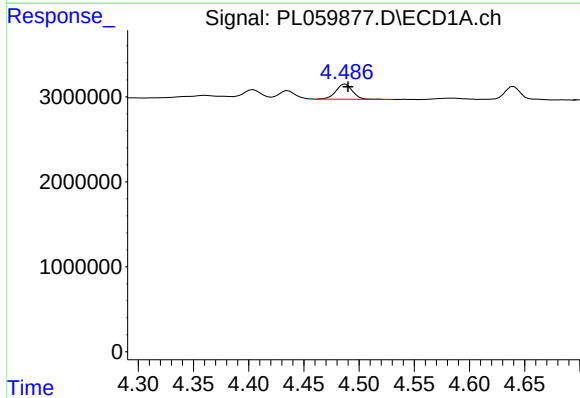
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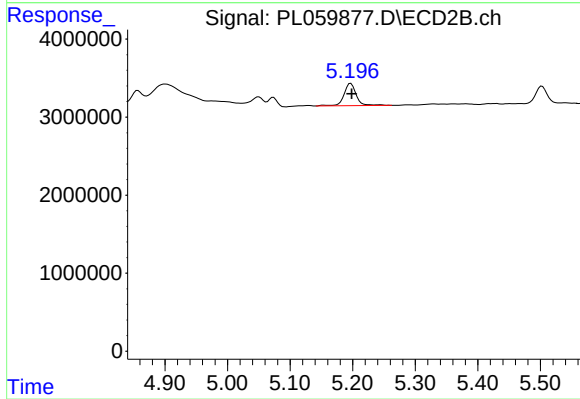
#3 gamma-BHC (Lindane)

R.T.: 4.685 min
Delta R.T.: -0.002 min
Response: 2860702
Conc: 0.79 ng/ml



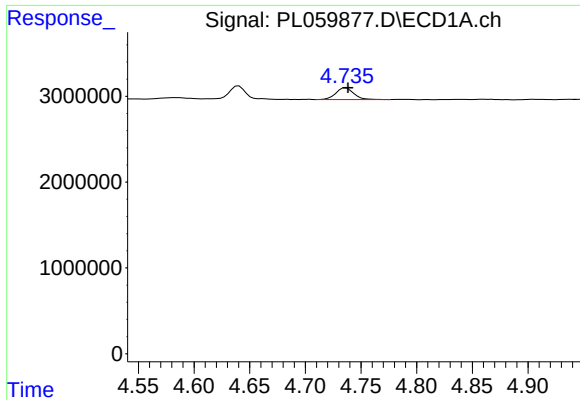
#4 Heptachlor

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 1859437
Conc: 0.83 ng/ml



#4 Heptachlor

R.T.: 5.197 min
Delta R.T.: -0.002 min
Response: 3892475
Conc: 1.16 ng/ml



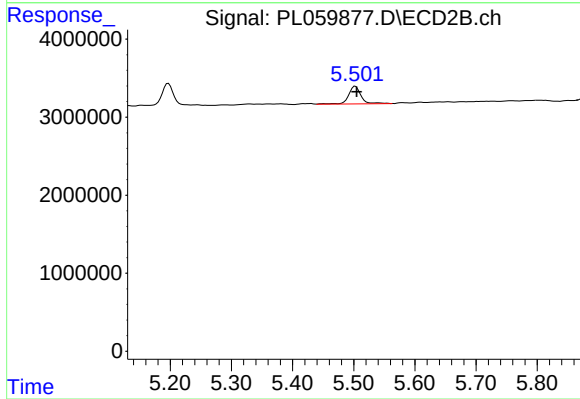
#5 Aldrin

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 1500604
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

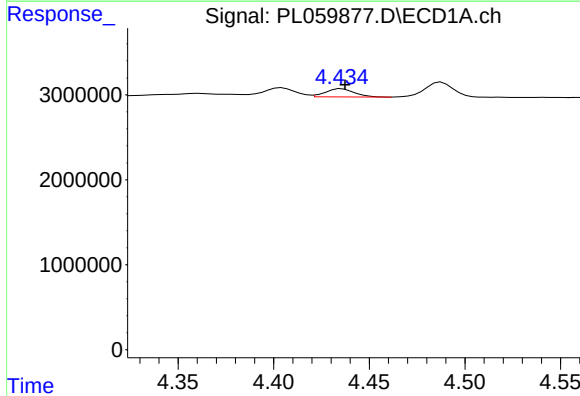
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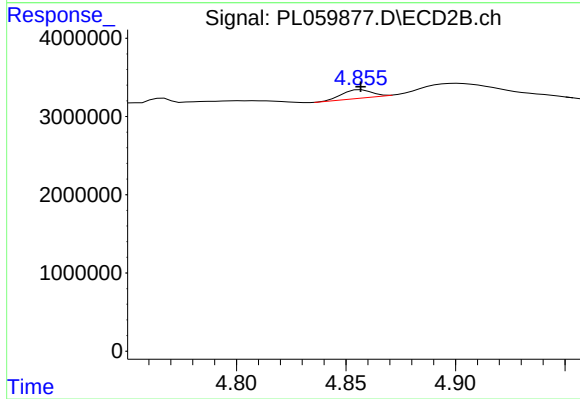
#5 Aldrin

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 3201582
Conc: 1.03 ng/ml



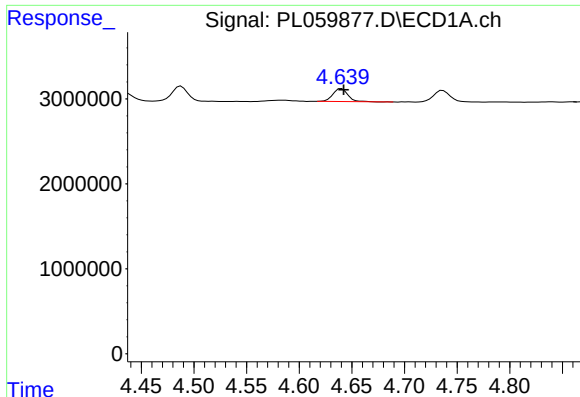
#6 beta-BHC

R.T.: 4.436 min
Delta R.T.: -0.002 min
Response: 996622
Conc: 0.98 ng/ml



#6 beta-BHC

R.T.: 4.855 min
Delta R.T.: -0.001 min
Response: 1094822
Conc: 0.72 ng/ml m



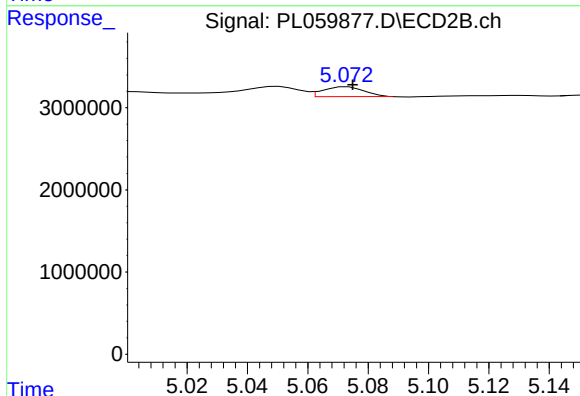
#7 delta-BHC

R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 1494576
Conc: 0.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

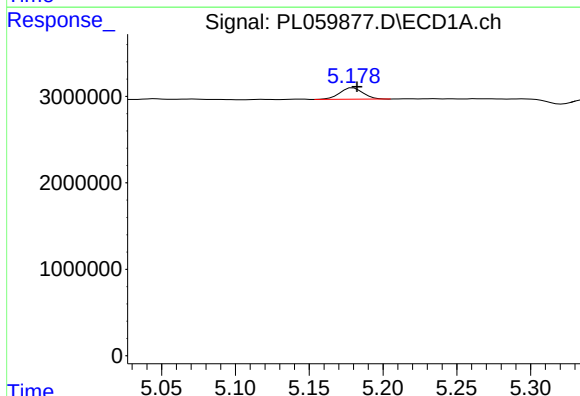
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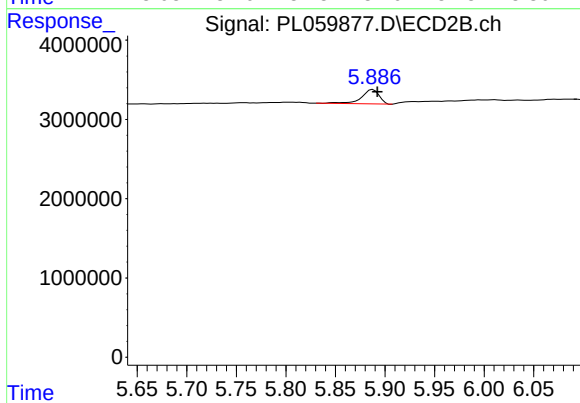
#7 delta-BHC

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 1087642
Conc: 0.35 ng/ml m



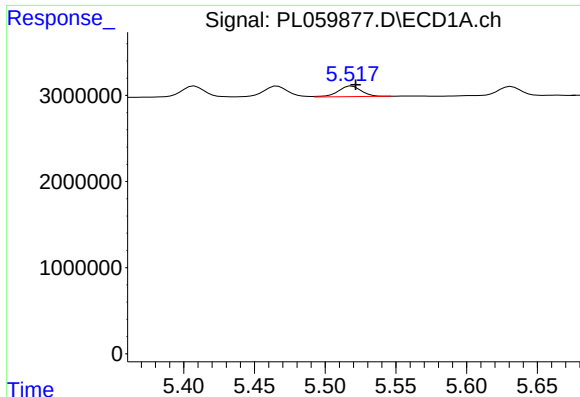
#8 Heptachlor epoxide

R.T.: 5.180 min
Delta R.T.: -0.003 min
Response: 1446602
Conc: 0.79 ng/ml



#8 Heptachlor epoxide

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 2269332
Conc: 0.84 ng/ml



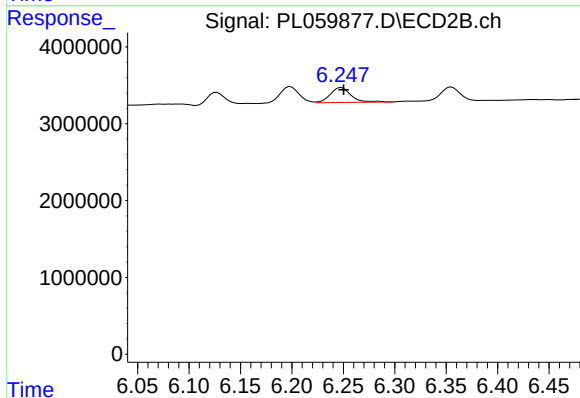
#9 Endosulfan I

R.T.: 5.519 min
Delta R.T.: -0.003 min
Response: 1397052
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

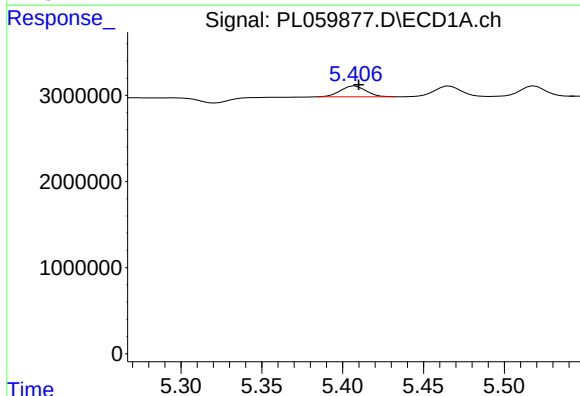
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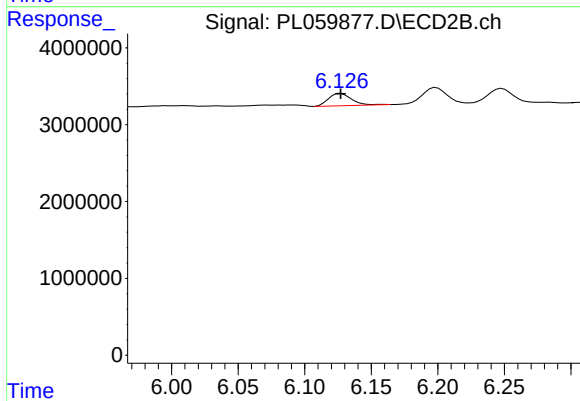
#9 Endosulfan I

R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 2724324
Conc: 1.02 ng/ml



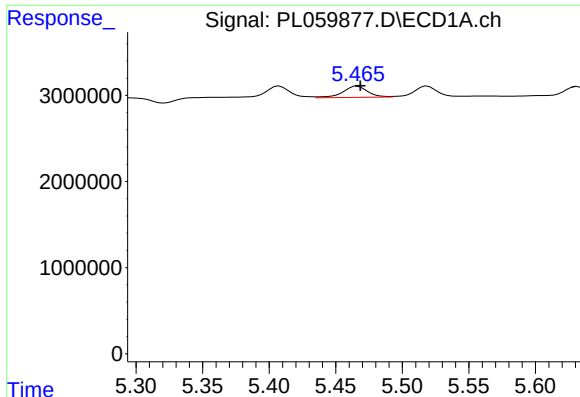
#10 gamma-Chlordane

R.T.: 5.406 min
Delta R.T.: -0.004 min
Response: 1384179
Conc: 0.76 ng/ml m



#10 gamma-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 1905552
Conc: 0.67 ng/ml



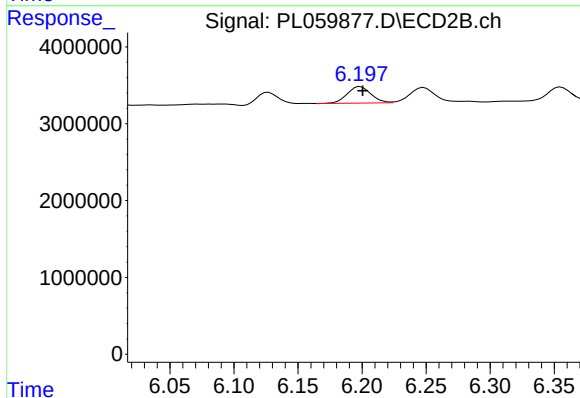
#11 alpha-Chlordane

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 1689572
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

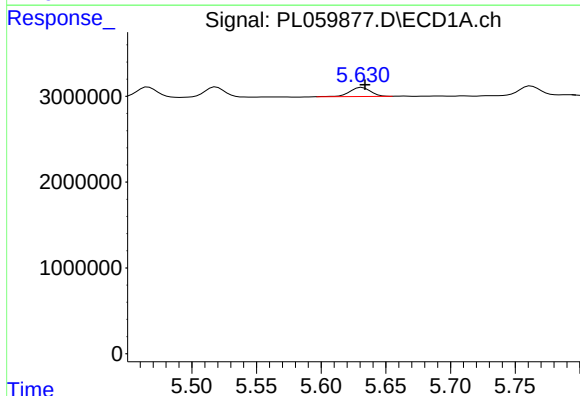
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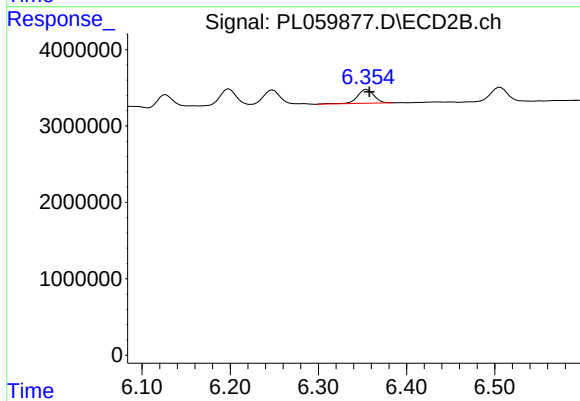
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 2771648
Conc: 0.97 ng/ml



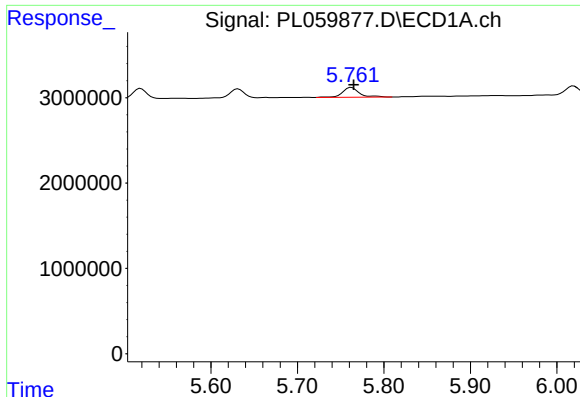
#12 4,4'-DDE

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 1182833
Conc: 0.71 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min
Delta R.T.: -0.003 min
Response: 2390034
Conc: 0.89 ng/ml



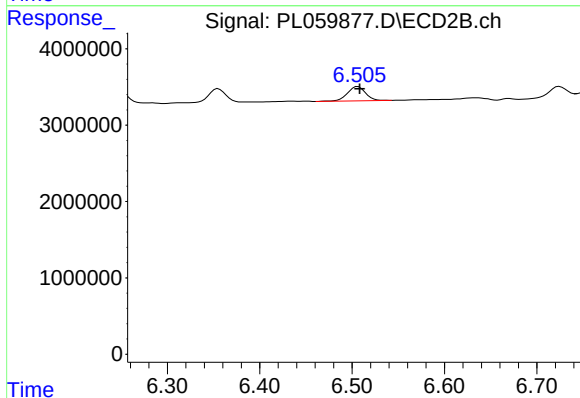
#13 Dieldrin

R.T.: 5.762 min
Delta R.T.: -0.003 min
Response: 1555312
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

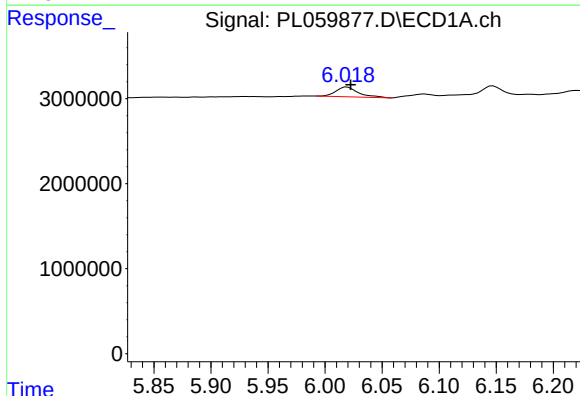
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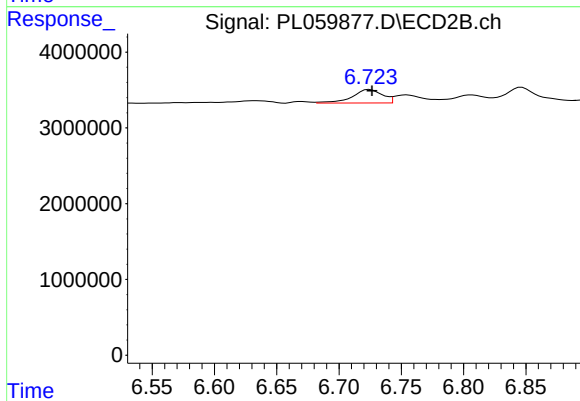
#13 Dieldrin

R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 2589658
Conc: 0.94 ng/ml



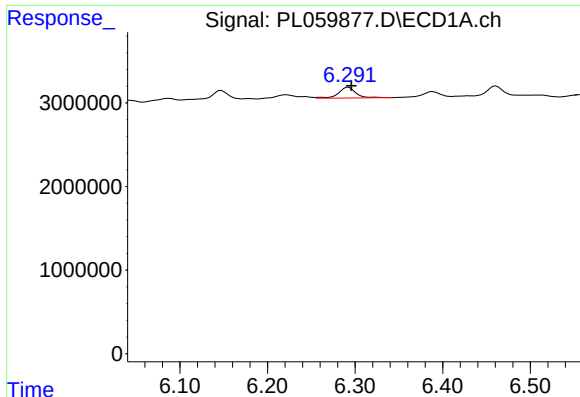
#14 Endrin

R.T.: 6.019 min
Delta R.T.: -0.003 min
Response: 1567972
Conc: 1.08 ng/ml



#14 Endrin

R.T.: 6.725 min
Delta R.T.: -0.002 min
Response: 2963104
Conc: 1.39 ng/ml



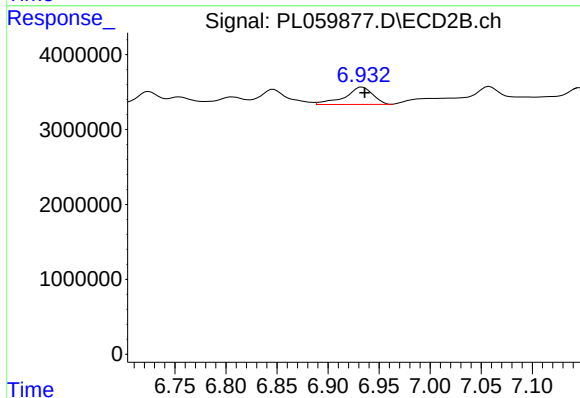
#15 Endosulfan II

R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 1784739
Conc: 1.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

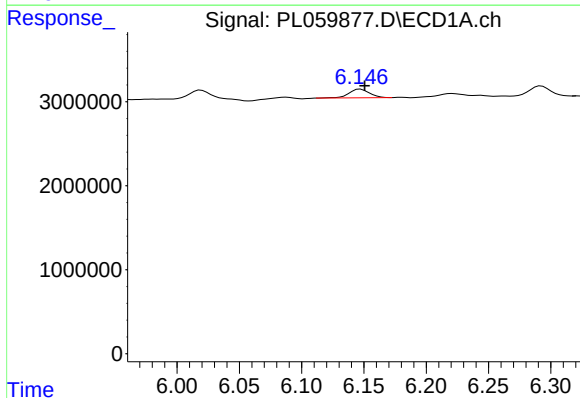
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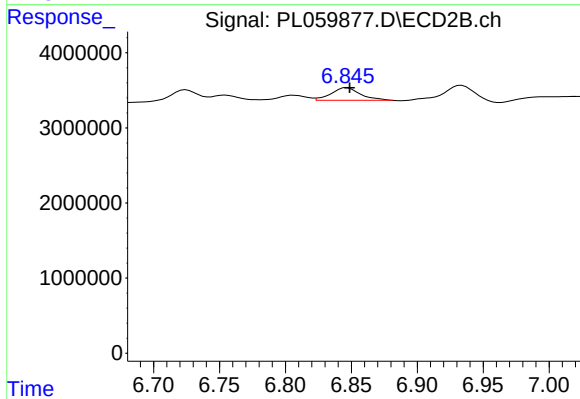
#15 Endosulfan II

R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 4371532
Conc: 1.74 ng/ml



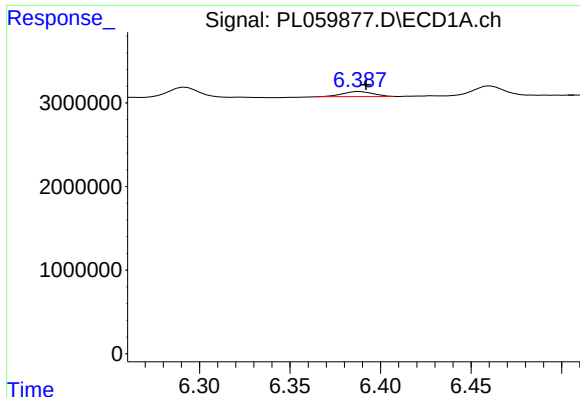
#16 4,4'-DDD

R.T.: 6.147 min
Delta R.T.: -0.003 min
Response: 1212497
Conc: 0.79 ng/ml



#16 4,4'-DDD

R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 2601482
Conc: 1.13 ng/ml m



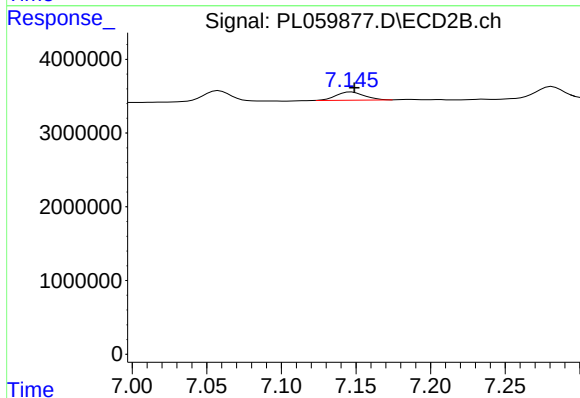
#17 4,4'-DDT

R.T.: 6.387 min
Delta R.T.: -0.005 min
Response: 701245
Conc: 0.54 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

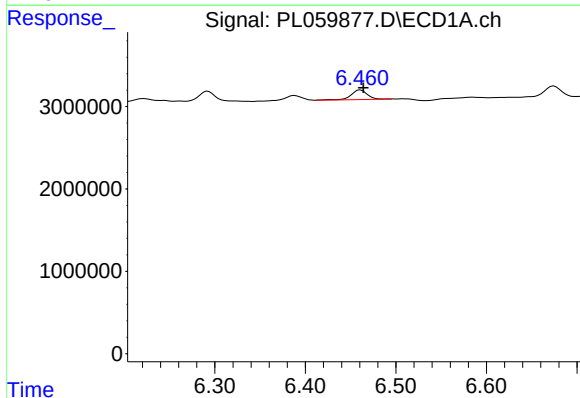
Manual Integrations
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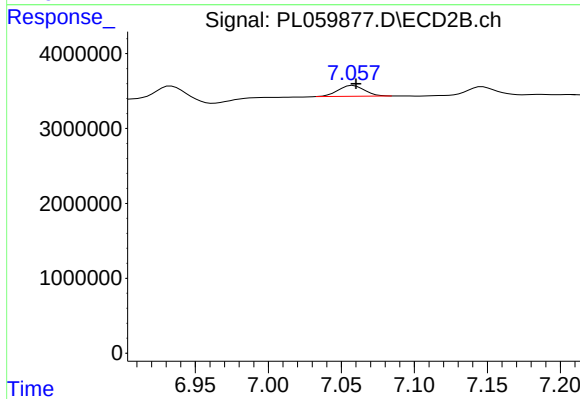
#17 4,4'-DDT

R.T.: 7.145 min
Delta R.T.: -0.004 min
Response: 1477960
Conc: 0.75 ng/ml m



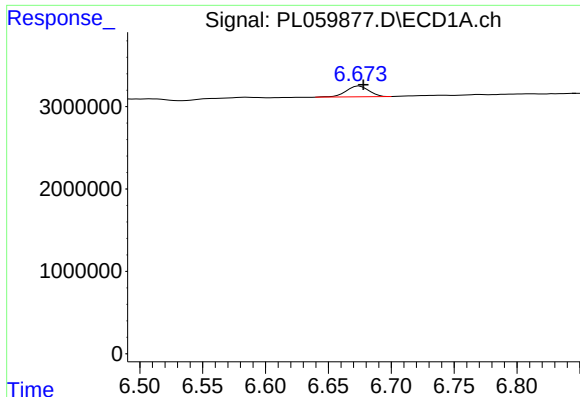
#18 Endrin aldehyde

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 1472530
Conc: 1.03 ng/ml



#18 Endrin aldehyde

R.T.: 7.057 min
Delta R.T.: -0.003 min
Response: 1828331
Conc: 0.84 ng/ml m



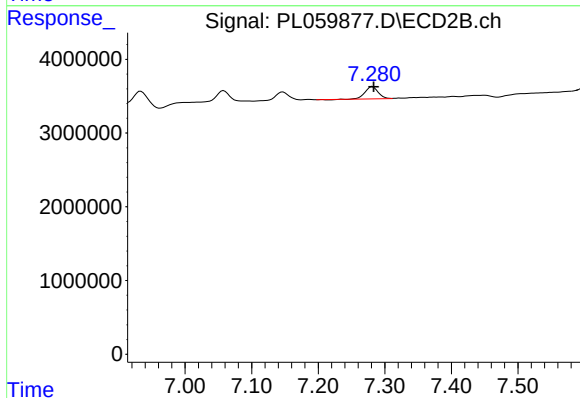
#19 Endosulfan Sulfate

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 1677251
Conc: 1.02 ng/ml m

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

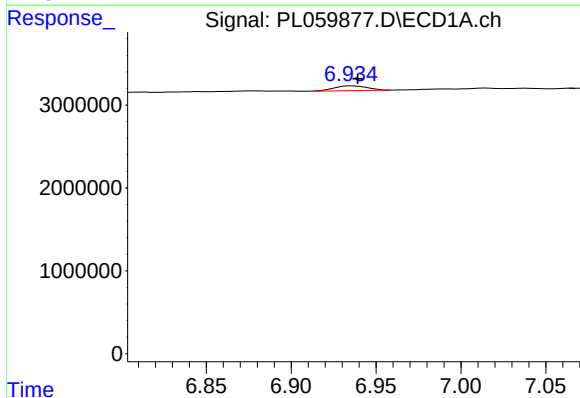
Manual Integrations
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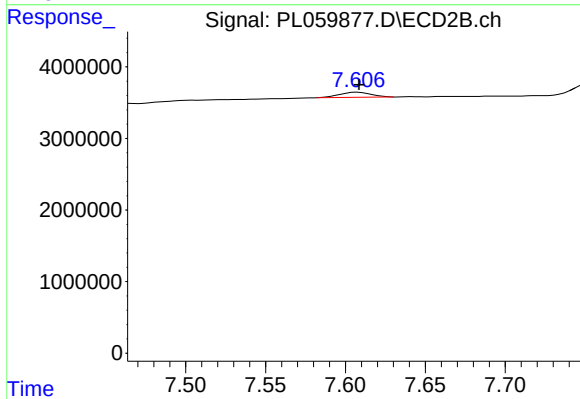
#19 Endosulfan Sulfate

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 2323674
Conc: 0.99 ng/ml



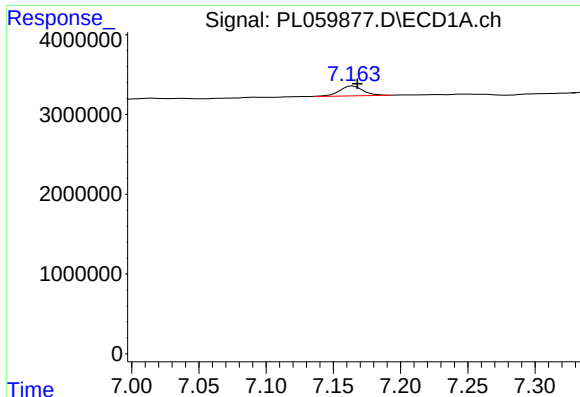
#20 Methoxychlor

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 781368
Conc: 1.04 ng/ml m



#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: -0.002 min
Response: 982780
Conc: 0.87 ng/ml m



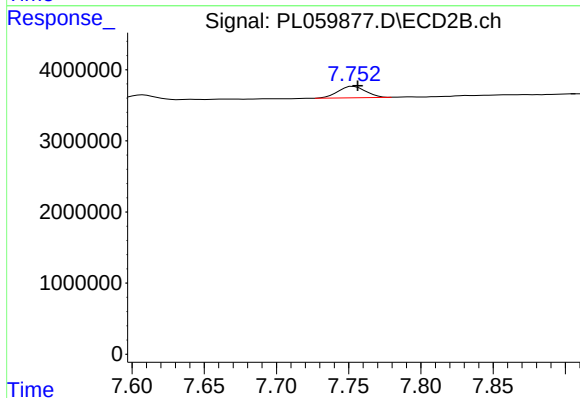
#21 Endrin ketone

R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 1482093
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

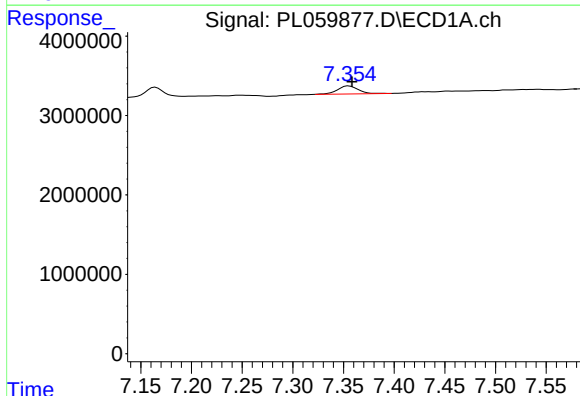
Manual Integrations
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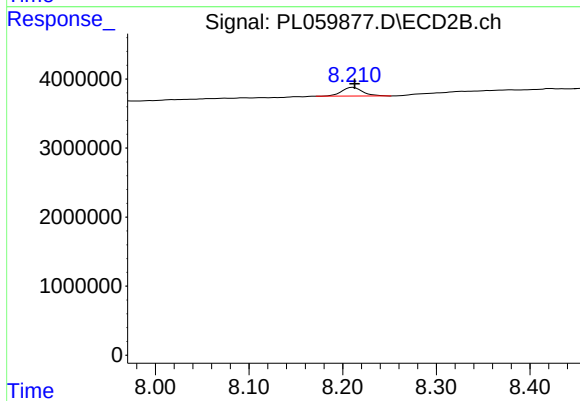
#21 Endrin ketone

R.T.: 7.752 min
Delta R.T.: -0.005 min
Response: 2169333
Conc: 0.84 ng/ml m



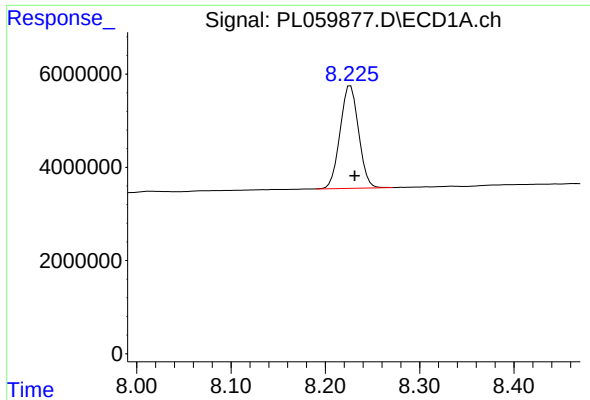
#22 Mirex

R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 1417658
Conc: 1.00 ng/ml



#22 Mirex

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 1982142
Conc: 1.07 ng/ml



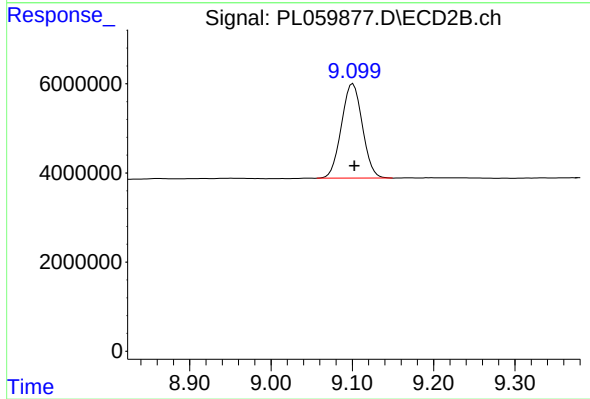
#28 Decachlorobiphenyl

R.T.: 8.227 min
Delta R.T.: -0.004 min
Response: 30008311
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT3-2020

Manual Integrations
APPROVED

Ankita
7/15/2020 11:13:19 AM



#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: -0.002 min
Response: 37901751
Conc: 18.12 ng/ml