

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
 Data File : PL068273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 13:44
 Operator : AR\AJ
 Sample : M2940-07
 Misc : LOD 1 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 05:46:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 20 11:44:21 2021
 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...	4.646	5.573	7854284	18726037	18.301	18.351
28)	SA Decachlor...	10.427	11.499	10752448	17579968	19.118	19.709
Target Compounds							
2)	A alpha-BHC	5.353	6.153	466355	998159	0.797	0.734
3)	MA gamma-BHC...	5.777	6.550	505057	918827	0.888	0.712
4)	MA Heptachlor	6.190	7.200	495634	839526	0.813	0.644
5)	MB Aldrin	6.515	7.571	474318	887498	0.844	0.748
6)	B beta-BHC	6.154	6.805	235387	1029204	0.804m	1.457 #
7)	B delta-BHC	6.416	7.069	495053	684701	0.886m	0.559 #
8)	B Heptachlo...	7.093	8.037	501636	980094	0.903	0.867
9)	A Endosulfan I	7.497	8.443	510100	897172	0.966	0.871
10)	B gamma-Chl...	7.371	8.304	530575	963053	0.925	0.855m
11)	B alpha-Chl...	7.441	8.387	542473	921626	0.945	0.819
12)	B 4,4'-DDE	7.654	8.574	400876	758501	0.796	0.736
13)	MA Dieldrin	7.783	8.732	486580	892449	0.904	0.841
14)	MA Endrin	8.075	8.972	396419	770241	0.793	0.861
15)	B Endosulfa...	8.385	9.204	466774	872494	0.945	0.963m
16)	A 4,4'-DDD	8.240	9.112	394154	699842	0.882	0.822m
17)	MA 4,4'-DDT	8.502	9.431	391103	654678	0.780m	0.694
18)	B Endrin al...	8.574	9.338	421777	735992	1.065	1.021m
19)	B Endosulfa...	8.805	9.577	541797	835263	1.031	0.928
20)	A Methoxychlor	9.097	9.916	285108	434157	0.911m	0.855
21)	B Endrin ke...	9.324	10.076	534544	820258	0.903	0.822
22)	Mirex	9.515	10.543	521363	826727	1.056	1.069

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072021\
Data File : PL068273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2021 13:44
Operator : AR\AJ
Sample : M2940-07
Misc : LOD 1 PPM
ALS Vial : 8 Sample Multiplier: 1

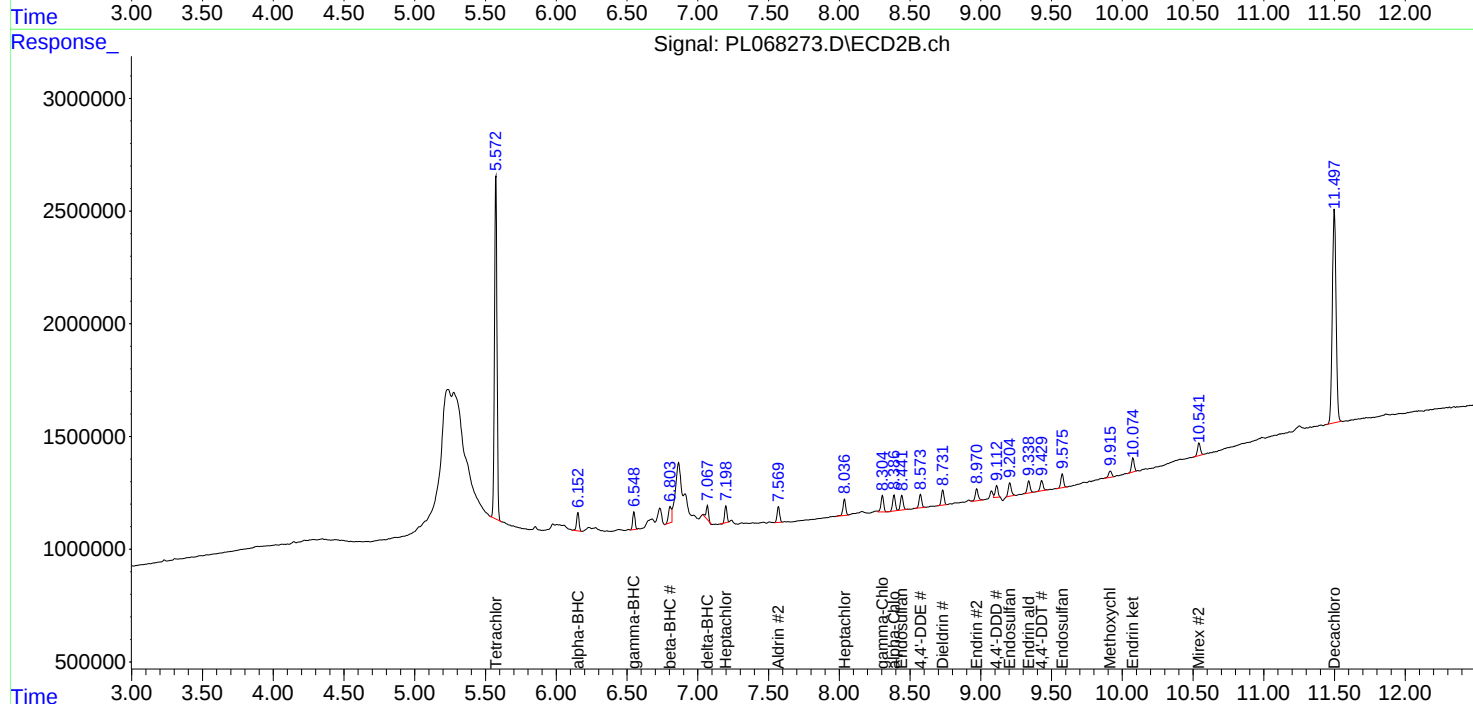
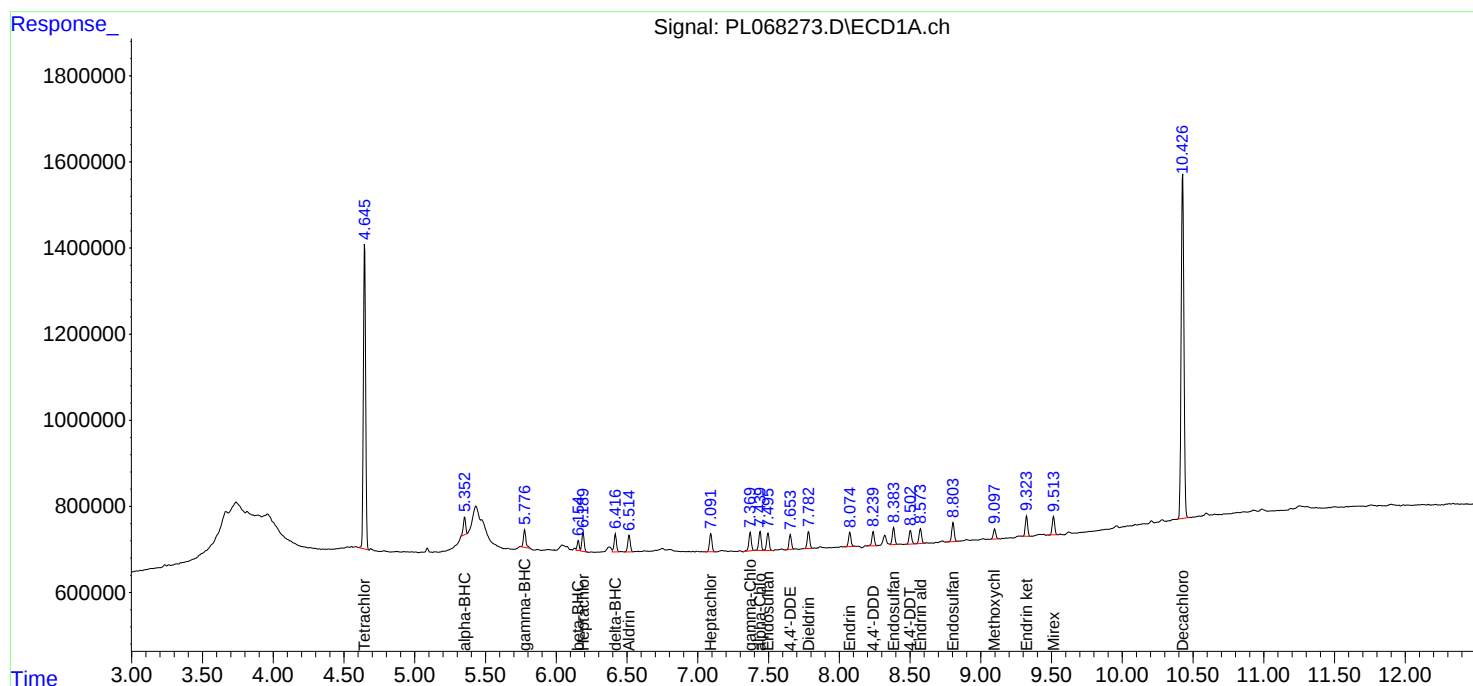
Instrument :
ECD_L
ClientSampled :
LOD-MDL-WATER-01-QT3-2021

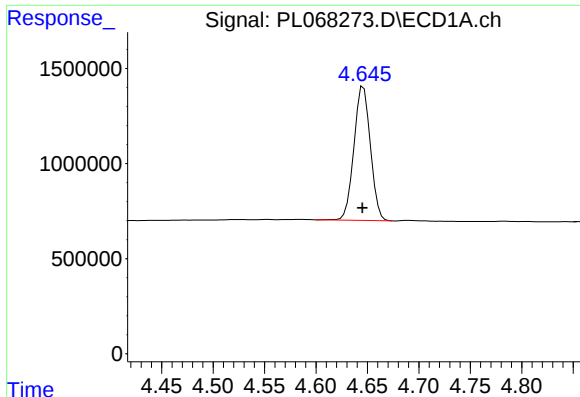
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 05:46:52 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071921.M
Quant Title : GC Extractables
QLast Update : Tue Jul 20 11:44:21 2021
Response 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





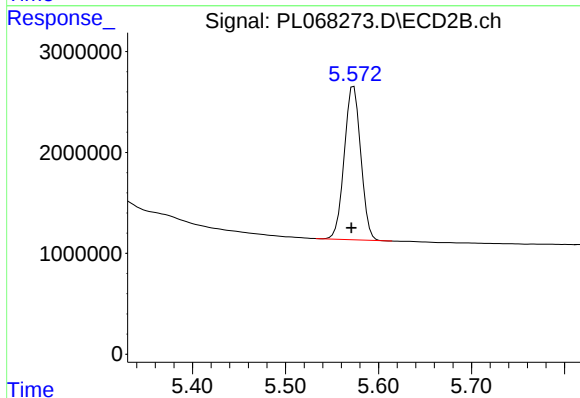
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.001 min
Response: 7854284
Conc: 18.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

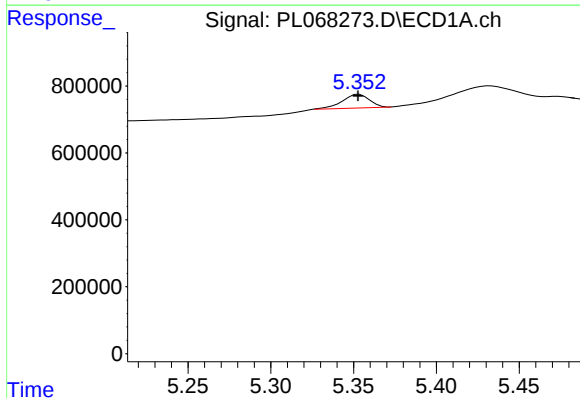
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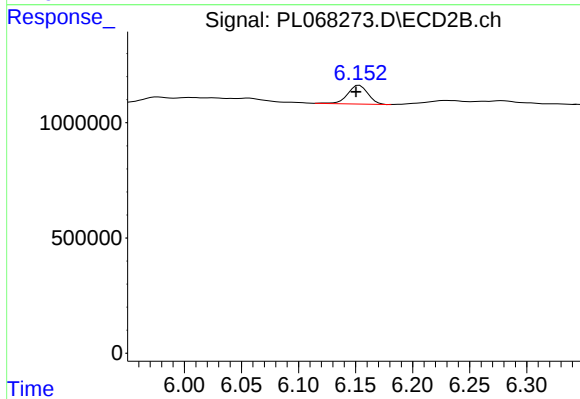
#1 Tetrachloro-m-xylene

R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 18726037
Conc: 18.35 ng/ml



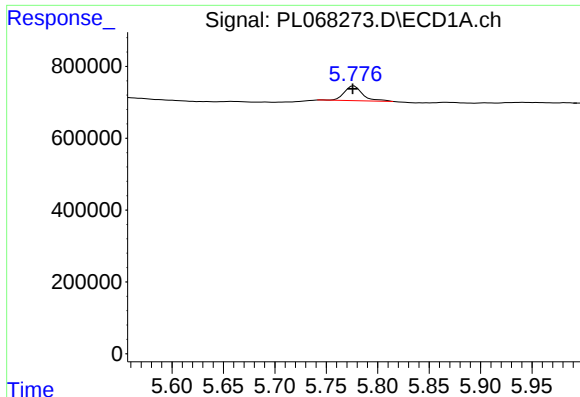
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 466355
Conc: 0.80 ng/ml



#2 alpha-BHC

R.T.: 6.153 min
Delta R.T.: 0.003 min
Response: 998159
Conc: 0.73 ng/ml



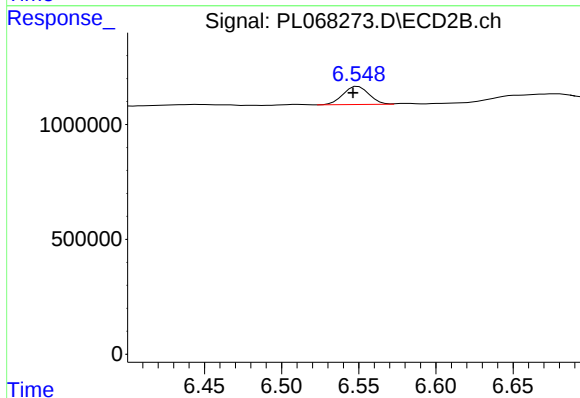
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.001 min
Response: 505057
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

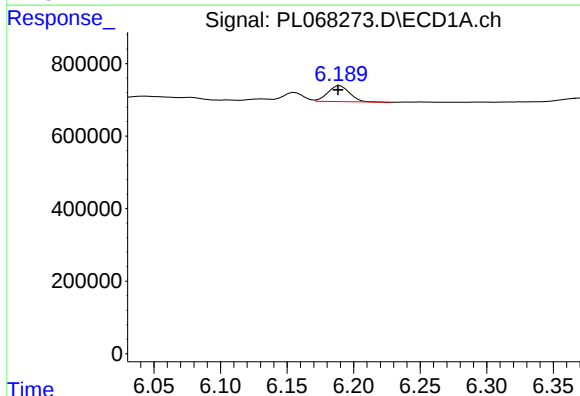
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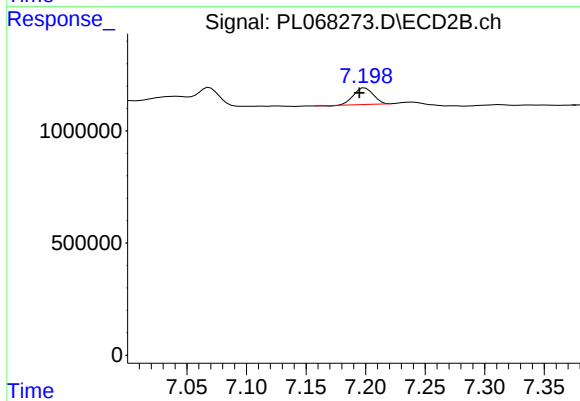
#3 gamma-BHC (Lindane)

R.T.: 6.550 min
Delta R.T.: 0.003 min
Response: 918827
Conc: 0.71 ng/ml



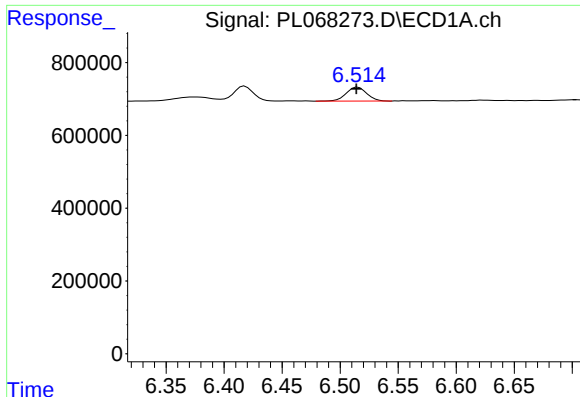
#4 Heptachlor

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 495634
Conc: 0.81 ng/ml



#4 Heptachlor

R.T.: 7.200 min
Delta R.T.: 0.005 min
Response: 839526
Conc: 0.64 ng/ml



#5 Aldrin

R.T.: 6.515 min
Delta R.T.: 0.001 min
Response: 474318
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#5 Aldrin

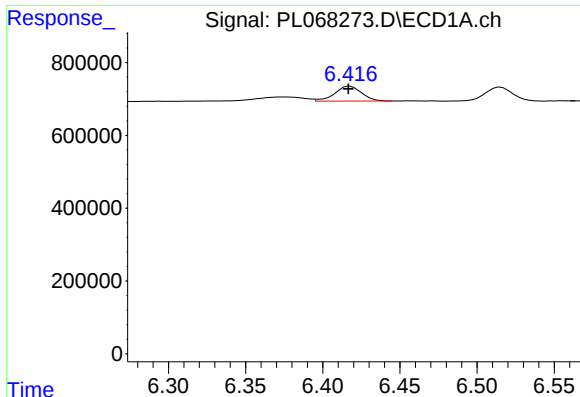
R.T.: 7.571 min
Delta R.T.: 0.004 min
Response: 887498
Conc: 0.75 ng/ml

#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 235387
Conc: 0.80 ng/ml m

#6 beta-BHC

R.T.: 6.805 min
Delta R.T.: 0.006 min
Response: 102920
Conc: 1.46 ng/ml



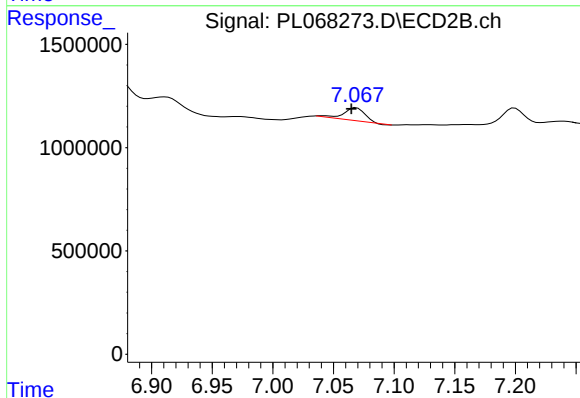
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 495053
Conc: 0.89 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

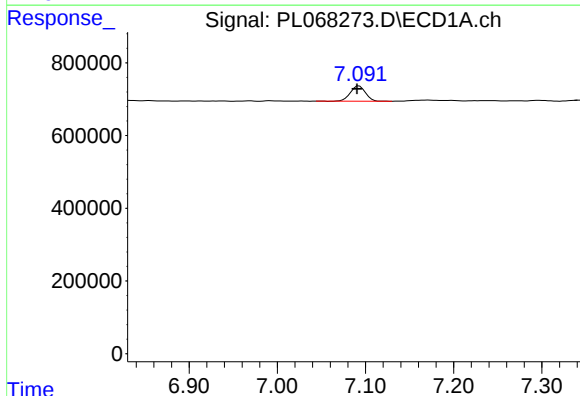
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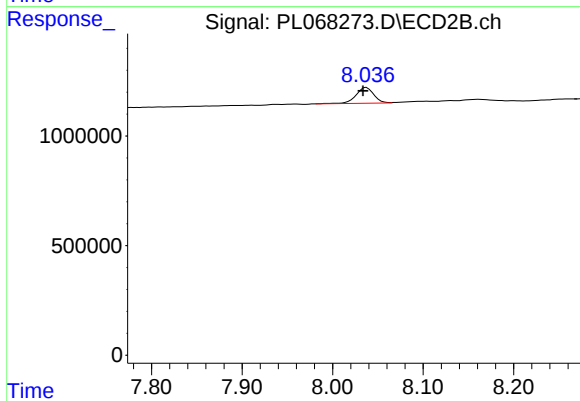
#7 delta-BHC

R.T.: 7.069 min
Delta R.T.: 0.004 min
Response: 684701
Conc: 0.56 ng/ml



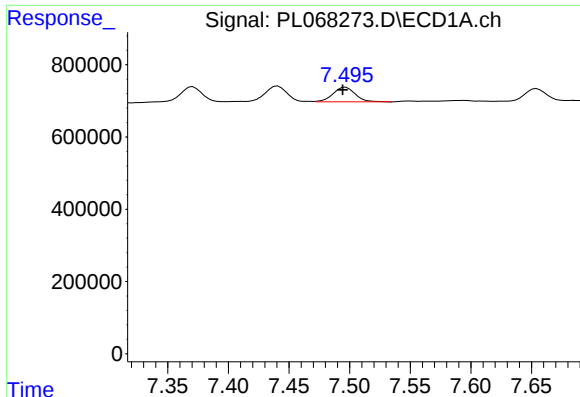
#8 Heptachlor epoxide

R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 501636
Conc: 0.90 ng/ml



#8 Heptachlor epoxide

R.T.: 8.037 min
Delta R.T.: 0.004 min
Response: 980094
Conc: 0.87 ng/ml



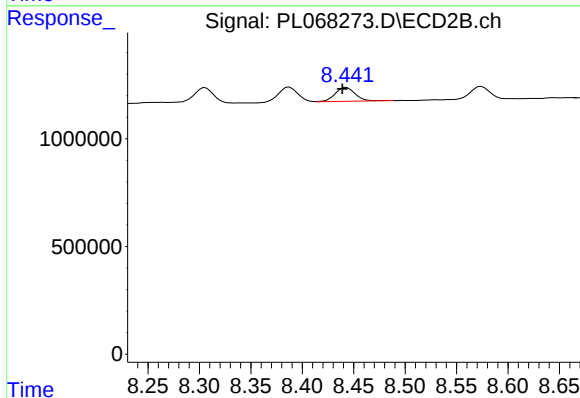
#9 Endosulfan I

R.T.: 7.497 min
Delta R.T.: 0.002 min
Response: 510100
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

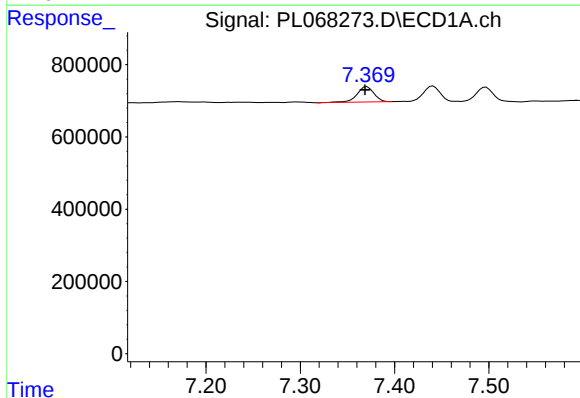
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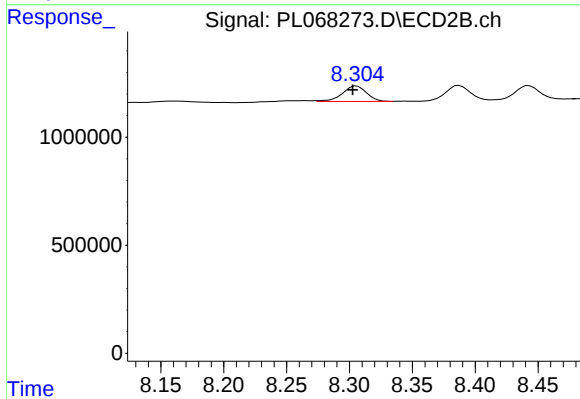
#9 Endosulfan I

R.T.: 8.443 min
Delta R.T.: 0.004 min
Response: 897172
Conc: 0.87 ng/ml



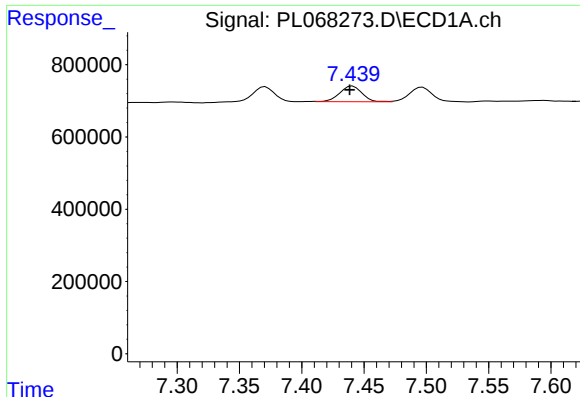
#10 gamma-Chlordane

R.T.: 7.371 min
Delta R.T.: 0.002 min
Response: 530575
Conc: 0.92 ng/ml



#10 gamma-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.002 min
Response: 963053
Conc: 0.86 ng/ml m



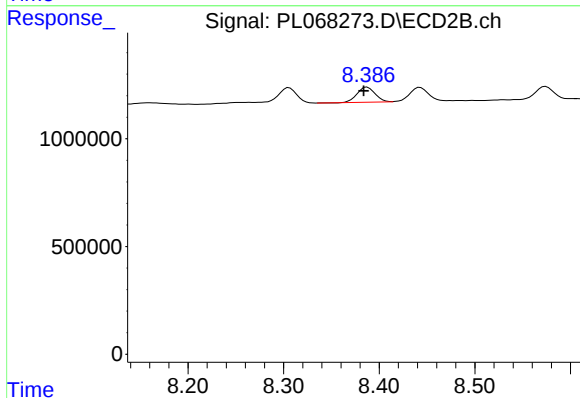
#11 alpha-Chlordane

R.T.: 7.441 min
Delta R.T.: 0.002 min
Response: 542473
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

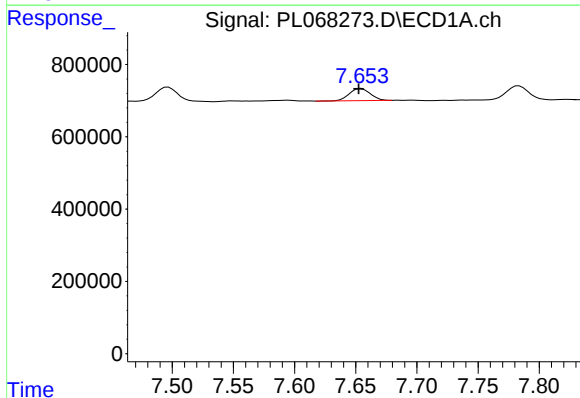
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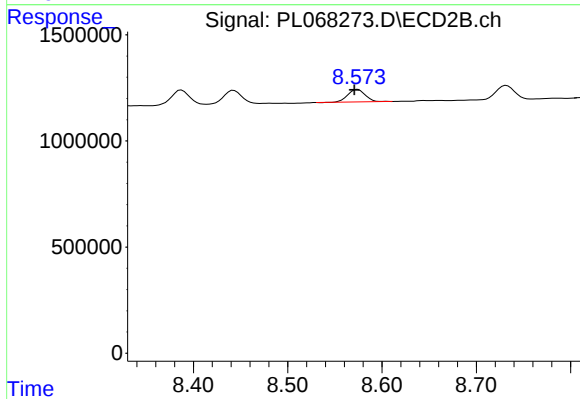
#11 alpha-Chlordane

R.T.: 8.387 min
Delta R.T.: 0.004 min
Response: 921626
Conc: 0.82 ng/ml



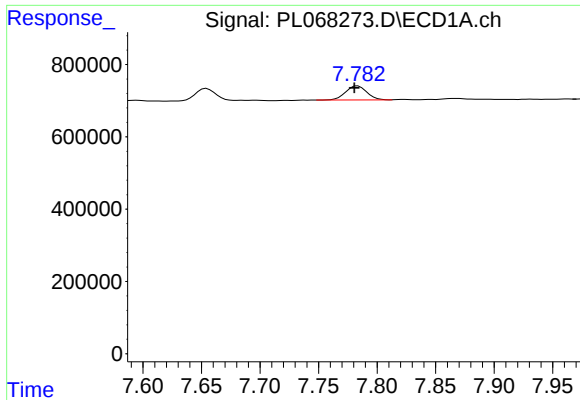
#12 4,4'-DDE

R.T.: 7.654 min
Delta R.T.: 0.002 min
Response: 400876
Conc: 0.80 ng/ml



#12 4,4'-DDE

R.T.: 8.574 min
Delta R.T.: 0.003 min
Response: 758501
Conc: 0.74 ng/ml



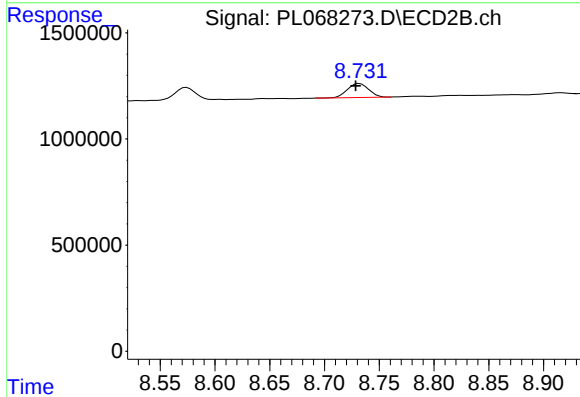
#13 Dieldrin

R.T.: 7.783 min
Delta R.T.: 0.003 min
Response: 486580
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

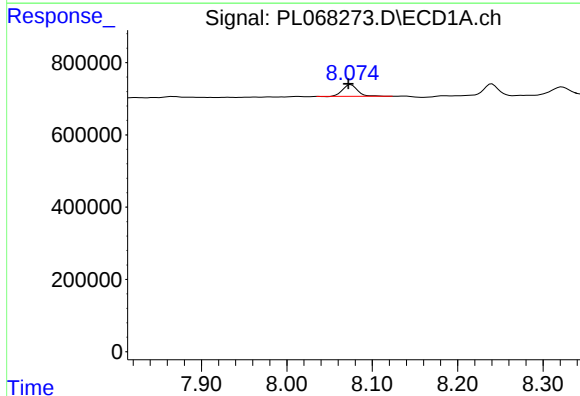
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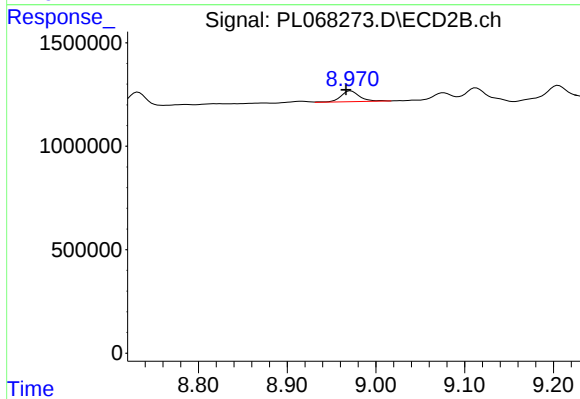
#13 Dieldrin

R.T.: 8.732 min
Delta R.T.: 0.004 min
Response: 892449
Conc: 0.84 ng/ml



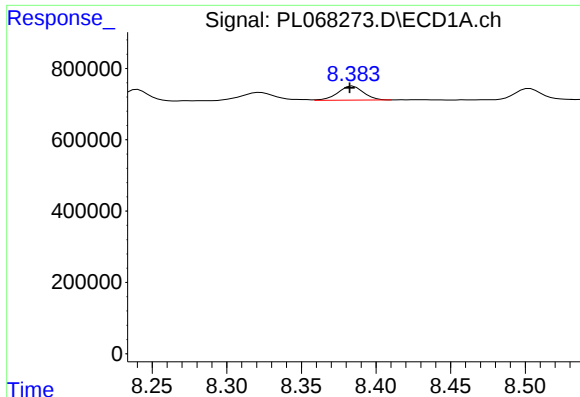
#14 Endrin

R.T.: 8.075 min
Delta R.T.: 0.003 min
Response: 396419
Conc: 0.79 ng/ml



#14 Endrin

R.T.: 8.972 min
Delta R.T.: 0.005 min
Response: 770241
Conc: 0.86 ng/ml



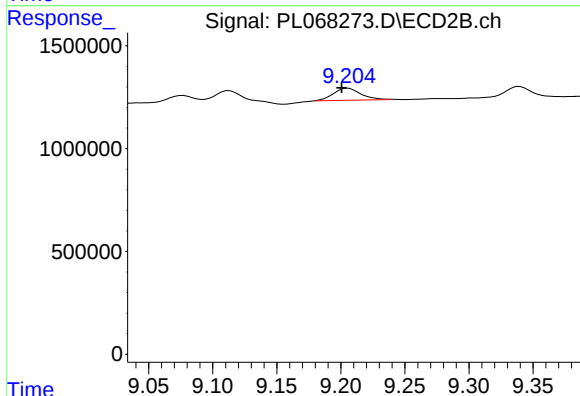
#15 Endosulfan II

R.T.: 8.385 min
Delta R.T.: 0.002 min
Response: 466774
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

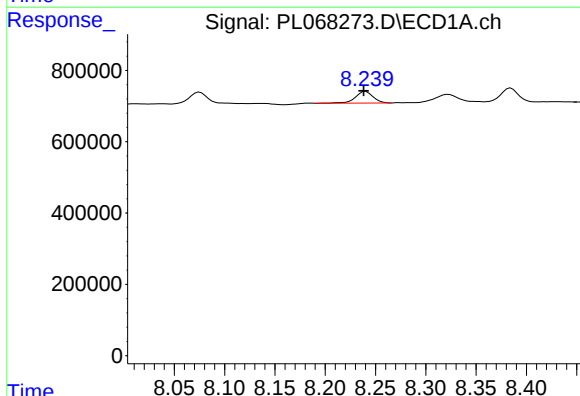
Manual Integrations
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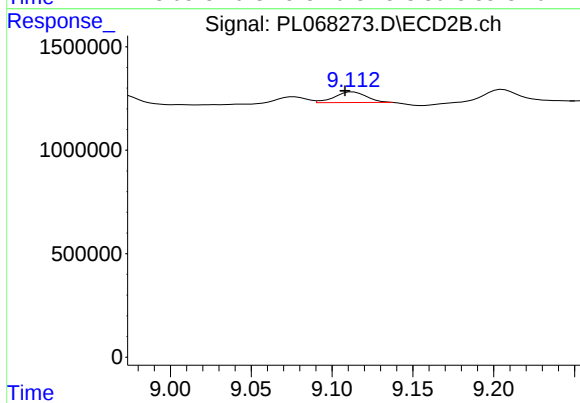
#15 Endosulfan II

R.T.: 9.204 min
Delta R.T.: 0.003 min
Response: 872494
Conc: 0.96 ng/ml m



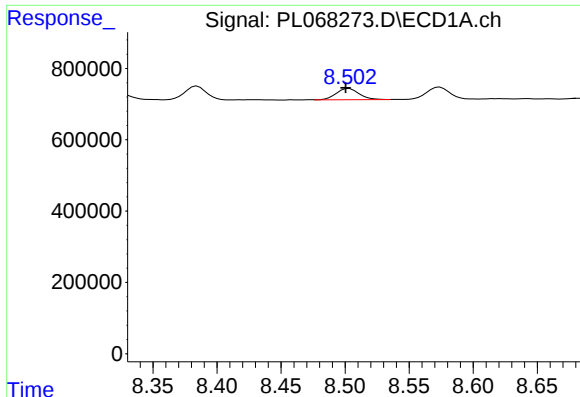
#16 4,4'-DDD

R.T.: 8.240 min
Delta R.T.: 0.002 min
Response: 394154
Conc: 0.88 ng/ml



#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.004 min
Response: 699842
Conc: 0.82 ng/ml m



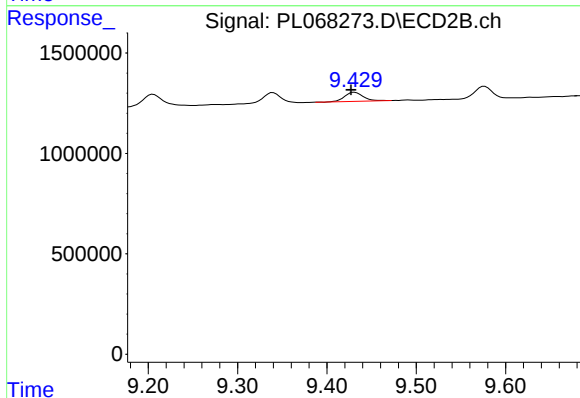
#17 4,4'-DDT

R.T.: 8.502 min
Delta R.T.: 0.001 min
Response: 391103
Conc: 0.78 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

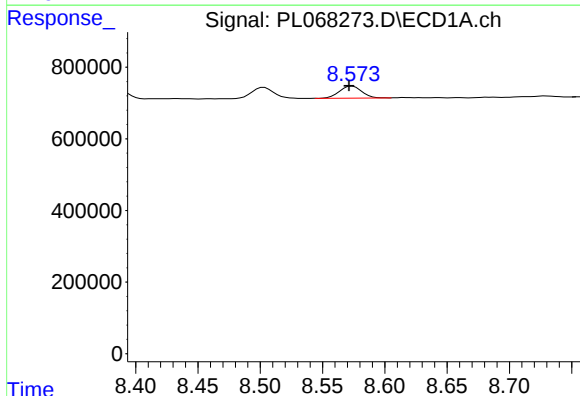
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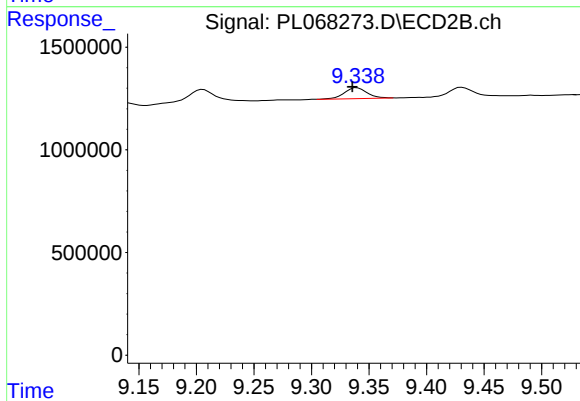
#17 4,4'-DDT

R.T.: 9.431 min
Delta R.T.: 0.004 min
Response: 654678
Conc: 0.69 ng/ml



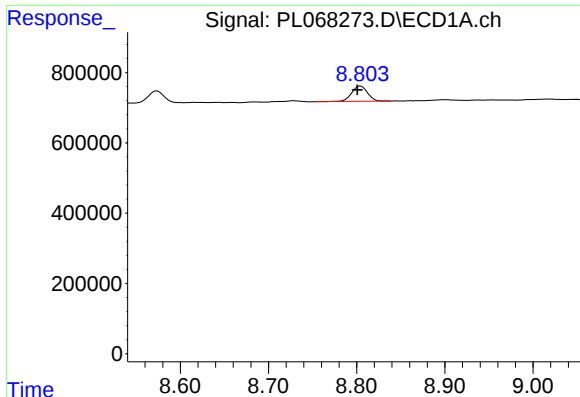
#18 Endrin aldehyde

R.T.: 8.574 min
Delta R.T.: 0.003 min
Response: 421777
Conc: 1.06 ng/ml



#18 Endrin aldehyde

R.T.: 9.338 min
Delta R.T.: 0.003 min
Response: 735992
Conc: 1.02 ng/ml m



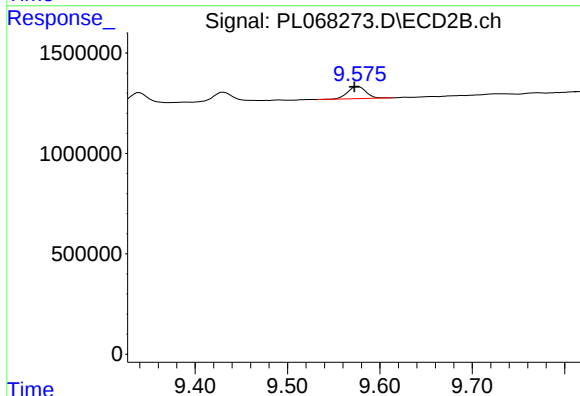
#19 Endosulfan Sulfate

R.T.: 8.805 min
Delta R.T.: 0.004 min
Response: 541797
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

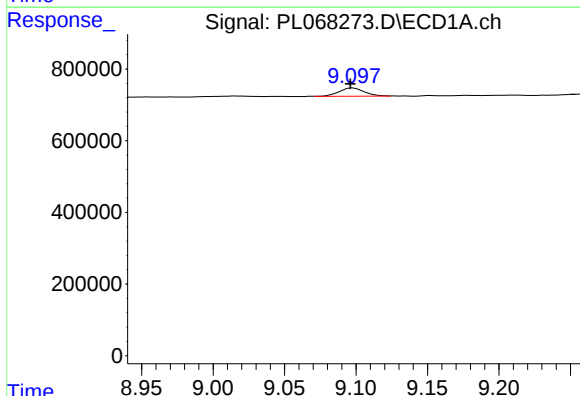
Manual Integrations
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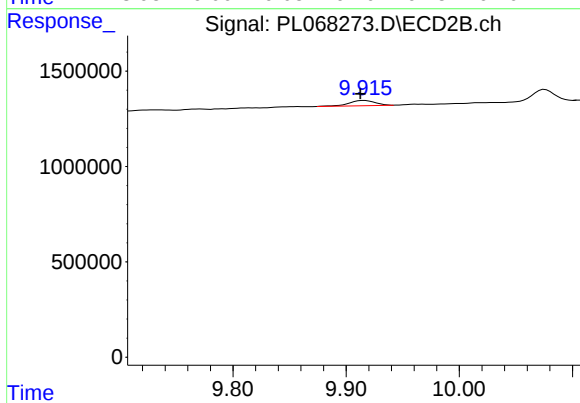
#19 Endosulfan Sulfate

R.T.: 9.577 min
Delta R.T.: 0.004 min
Response: 835263
Conc: 0.93 ng/ml



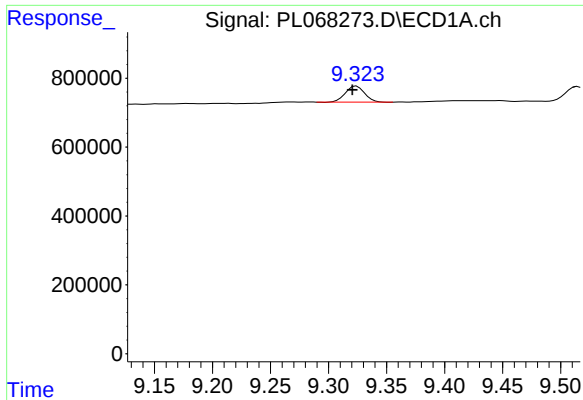
#20 Methoxychlor

R.T.: 9.097 min
Delta R.T.: 0.000 min
Response: 285108
Conc: 0.91 ng/ml m



#20 Methoxychlor

R.T.: 9.916 min
Delta R.T.: 0.004 min
Response: 434157
Conc: 0.85 ng/ml



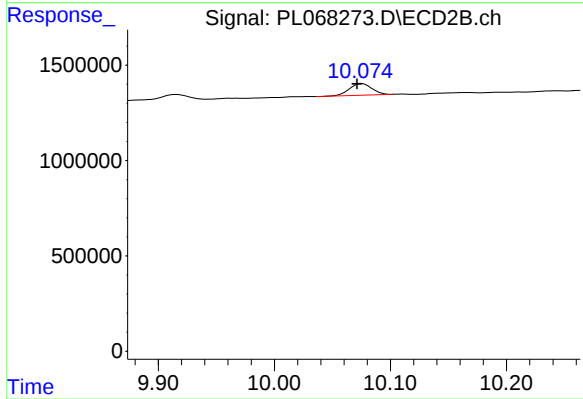
#21 Endrin ketone

R.T.: 9.324 min
Delta R.T.: 0.004 min
Response: 534544
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

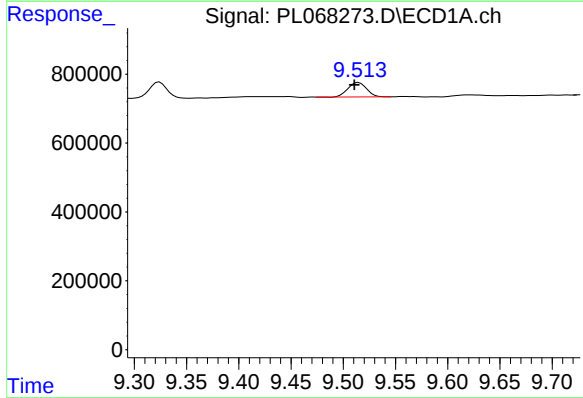
Manual Integrations
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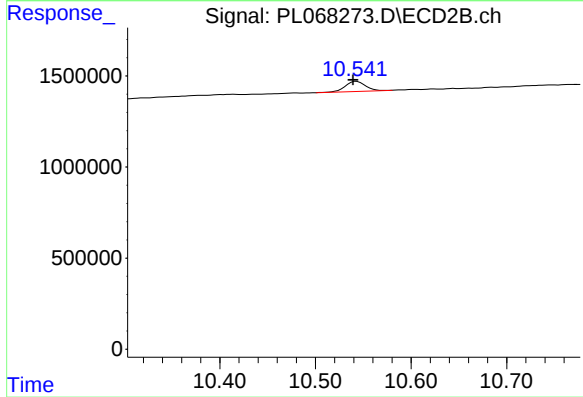
#21 Endrin ketone

R.T.: 10.076 min
Delta R.T.: 0.004 min
Response: 820258
Conc: 0.82 ng/ml



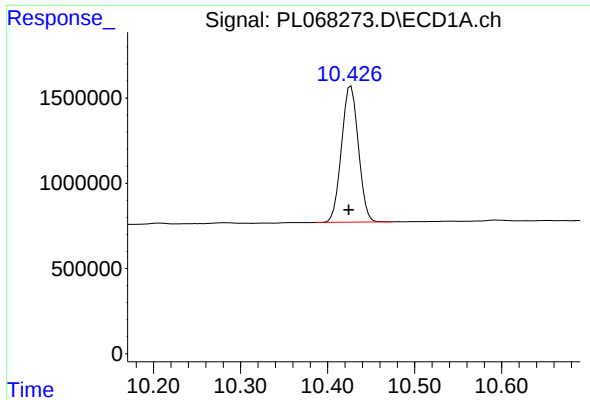
#22 Mirex

R.T.: 9.515 min
Delta R.T.: 0.004 min
Response: 521363
Conc: 1.06 ng/ml



#22 Mirex

R.T.: 10.543 min
Delta R.T.: 0.004 min
Response: 826727
Conc: 1.07 ng/ml



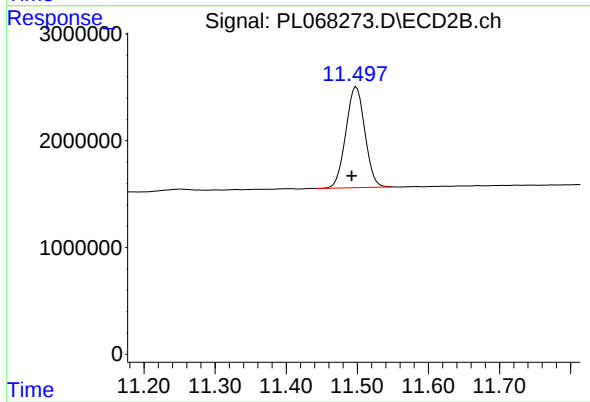
#28 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.003 min
Response: 10752448
Conc: 19.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

mohammad
7/21/2021 3:54:12 PM



#28 Decachlorobiphenyl

R.T.: 11.499 min
Delta R.T.: 0.006 min
Response: 17579968
Conc: 19.71 ng/ml