

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031621\
 Data File : PL065357.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 23:02
 Operator : AR\AJ
 Sample : M1458-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 05:42:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031621.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 04:35:29 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...	3.292	3.882	46722299	55213596	19.215	19.126
28) SA Decachlor...	7.936	8.890	49477384	40427003	20.151	19.873
Target Compounds						
2) A alpha-BHC	3.716	4.274	19434638	22219201	5.041	5.123
3) MA gamma-BHC...	3.989	4.557	16571994	20508356	4.721	5.182
4) MA Heptachlor	4.275	5.051	15899464	20767250	4.643	5.547
5) MB Aldrin	4.513	5.351	16023869	19317431	4.886	5.391
6) B beta-BHC	4.238	4.740	7935382	14638091	5.411m	3.565 #
7) B delta-BHC	4.433	4.951	16806105	19169112	4.892	5.290
8) B Heptachlo...	4.947	5.741	16195162	18793112	5.192	5.896
9) A Endosulfan I	5.274	6.095	14928033	16127739	5.222	5.402
10) B gamma-Chl...	5.168	5.973	16990415	17270861	5.488	5.419
11) B alpha-Chl...	5.224	6.044	16220043	17131677	5.338	5.506
12) B 4,4'-DDE	5.391	6.206	13482190	16046935	5.038	5.383
13) MA Dieldrin	5.512	6.353	14475103	17216591	4.970	5.499
14) MA Endrin	5.762	6.570	13327882	12925466	5.066	4.935
15) B Endosulfa...	6.034	6.787	14439805	14002527	5.689	5.634
16) A 4,4'-DDD	5.897	6.699	11926223	15101738	5.359	5.982
17) MA 4,4'-DDT	6.132	6.995	7739350	10531636	4.019	4.726
18) B Endrin al...	6.201	6.912	11201030	11097938	5.576	5.633
19) B Endosulfa...	6.412	7.133	14926530	14343711	5.630	5.710
20) A Methoxychlor	6.677	7.459	5218481	5658571	4.674	5.037
21) B Endrin ke...	6.890	7.603	15442671	15963310	5.430	5.863
22) Mirex	7.062	8.043	12539232	10860944	5.741	6.012

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031621\
Data File : PL065357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2021 23:02
Operator : AR\AJ
Sample : M1458-08
Misc : PEST LOQ 5 PPB
ALS Vial : 31 Sample Multiplier: 1

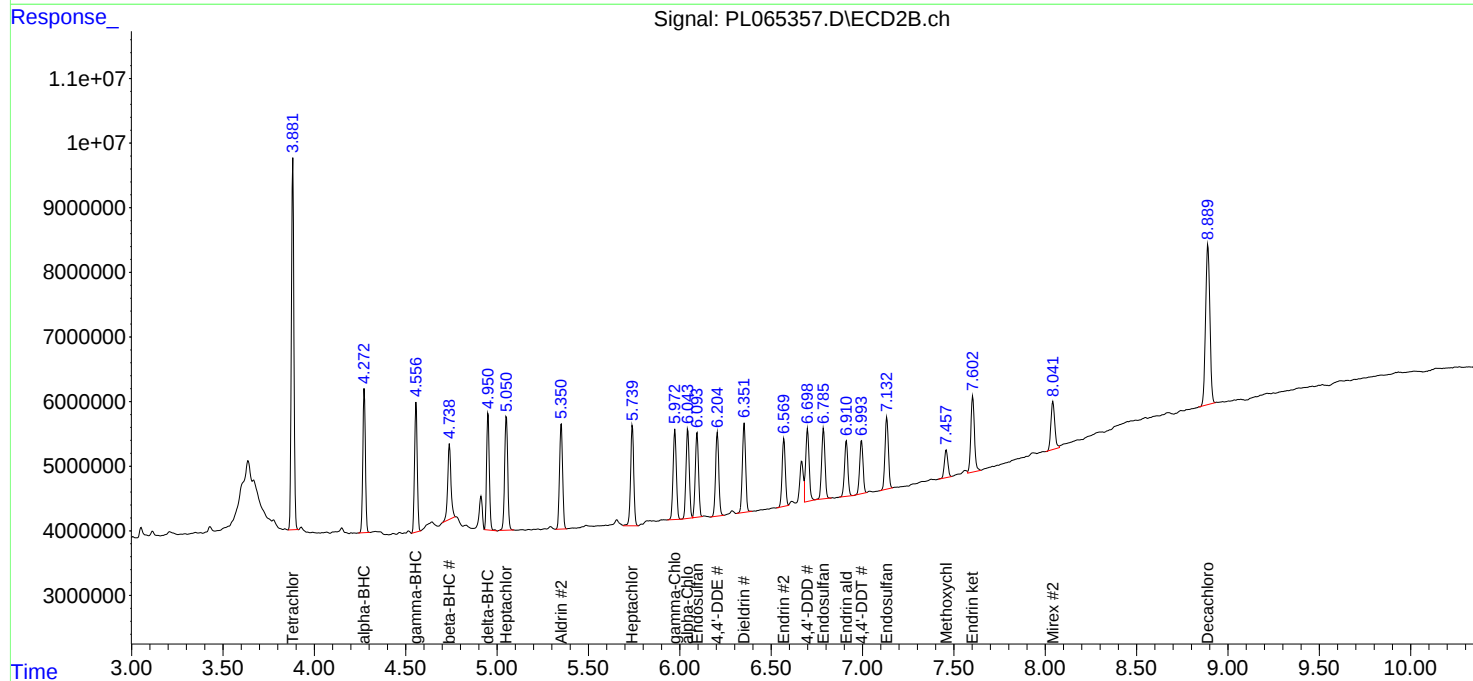
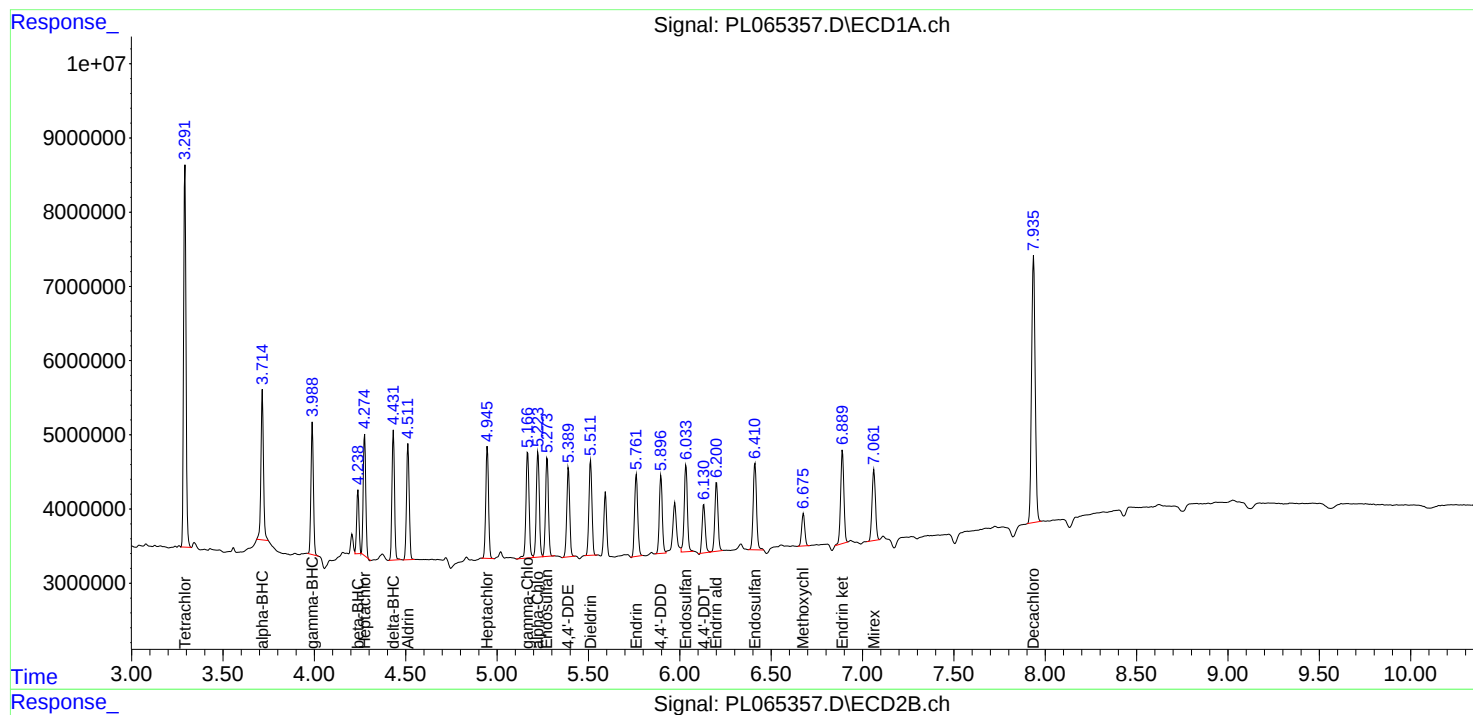
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

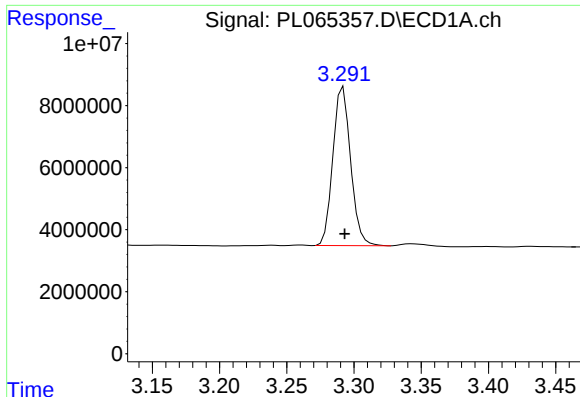
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 05:42:32 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031621.M
Quant Title : GC Extractables
QLast Update : Wed Mar 17 04:35:29 2021
Response 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





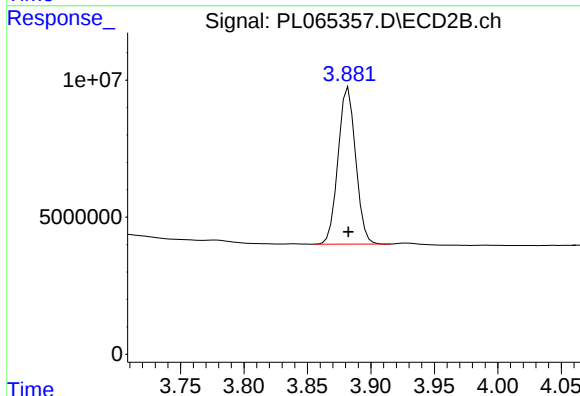
#1 Tetrachloro-m-xylene

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 46722299
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

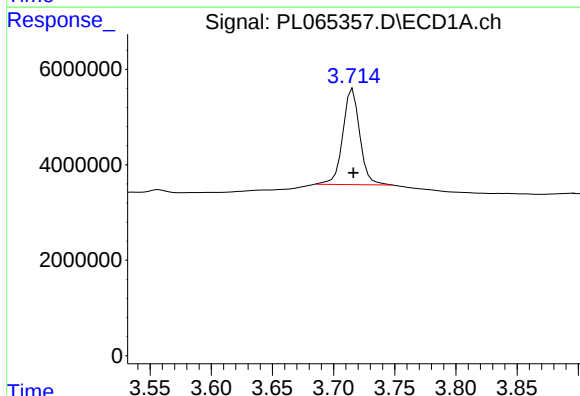
Manual Integrations
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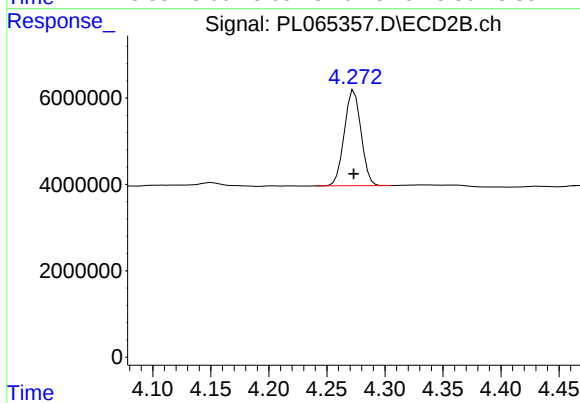
#1 Tetrachloro-m-xylene

R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 55213596
Conc: 19.13 ng/ml



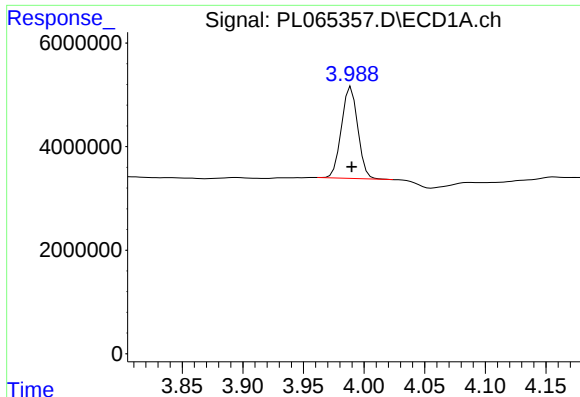
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 19434638
Conc: 5.04 ng/ml



#2 alpha-BHC

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 22219201
Conc: 5.12 ng/ml



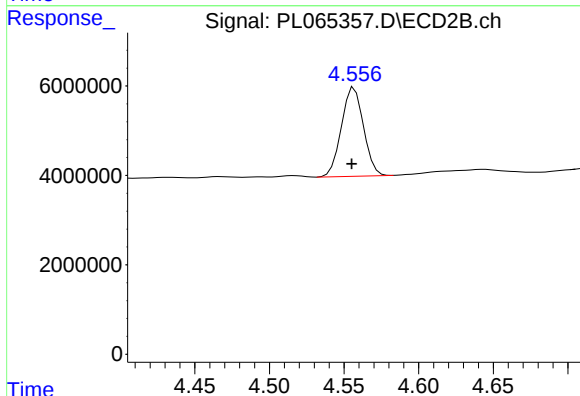
#3 gamma-BHC (Lindane)

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 16571994
Conc: 4.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

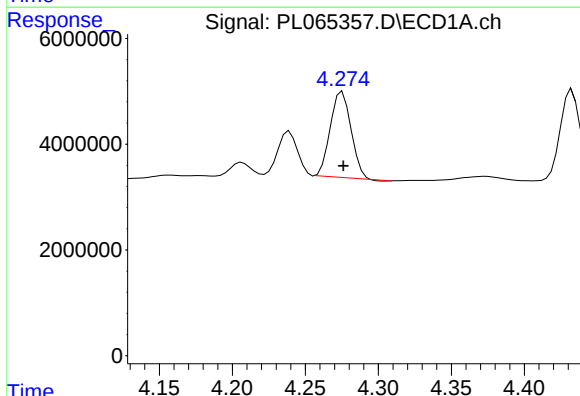
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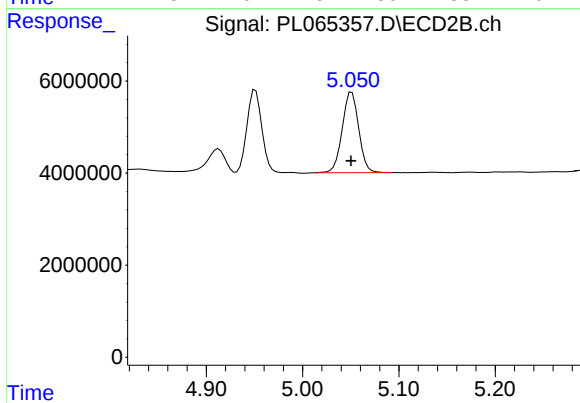
#3 gamma-BHC (Lindane)

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 20508356
Conc: 5.18 ng/ml



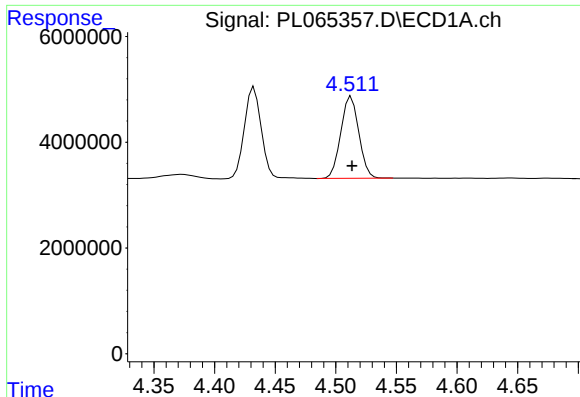
#4 Heptachlor

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 15899464
Conc: 4.64 ng/ml



#4 Heptachlor

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 20767250
Conc: 5.55 ng/ml



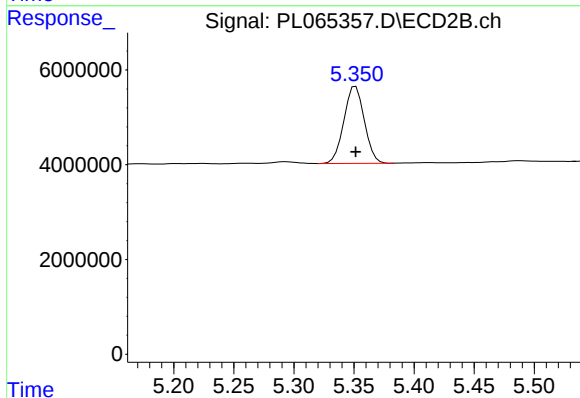
#5 Aldrin

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 16023869
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

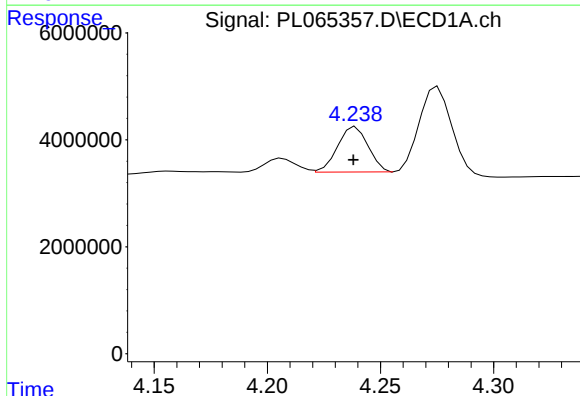
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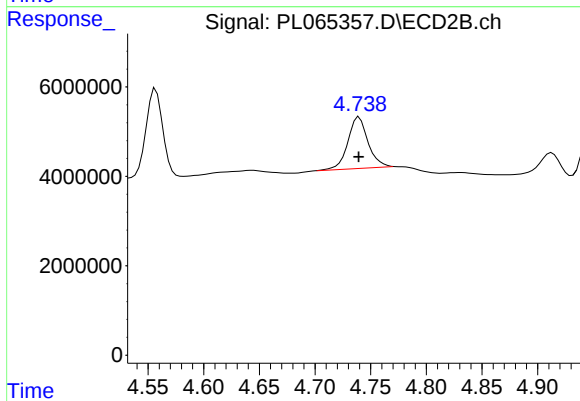
#5 Aldrin

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 19317431
Conc: 5.39 ng/ml



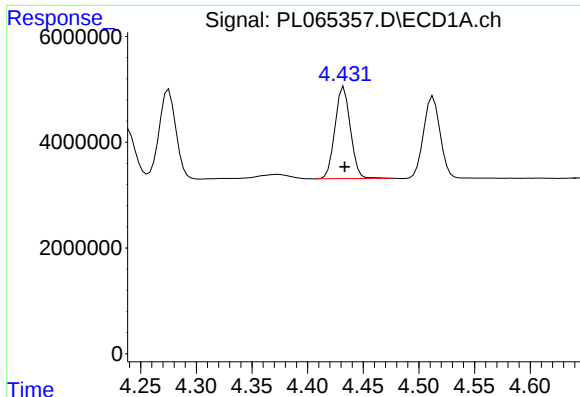
#6 beta-BHC

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 7935382
Conc: 5.41 ng/ml m



#6 beta-BHC

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 14638091
Conc: 3.57 ng/ml



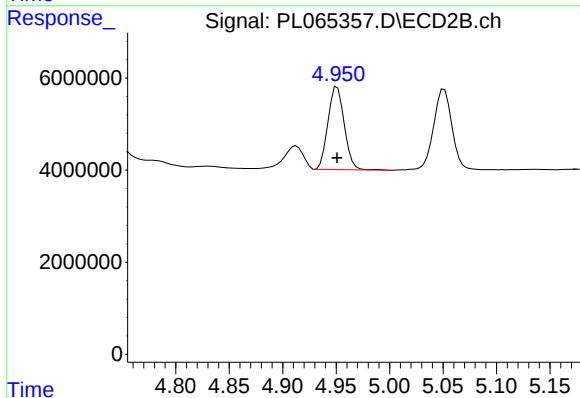
#7 delta-BHC

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 16806105
Conc: 4.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

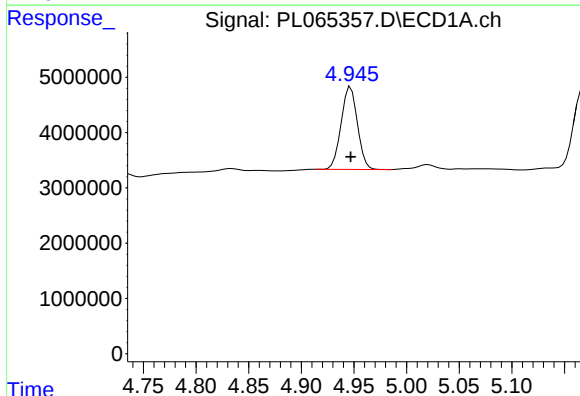
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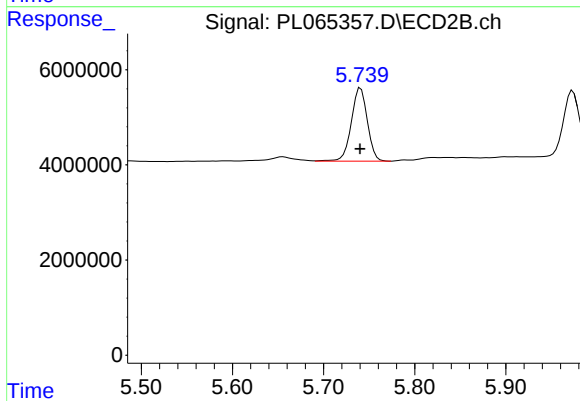
#7 delta-BHC

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 19169112
Conc: 5.29 ng/ml



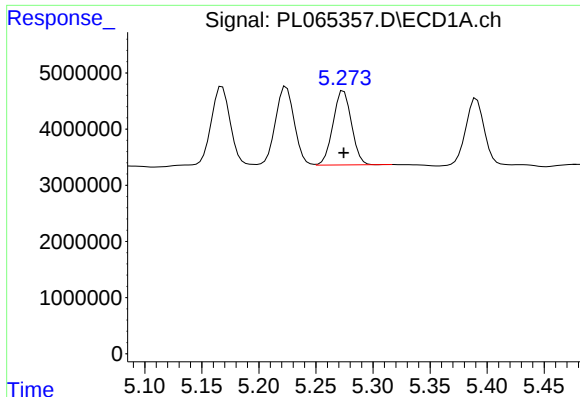
#8 Heptachlor epoxide

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 16195162
Conc: 5.19 ng/ml



#8 Heptachlor epoxide

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 18793112
Conc: 5.90 ng/ml



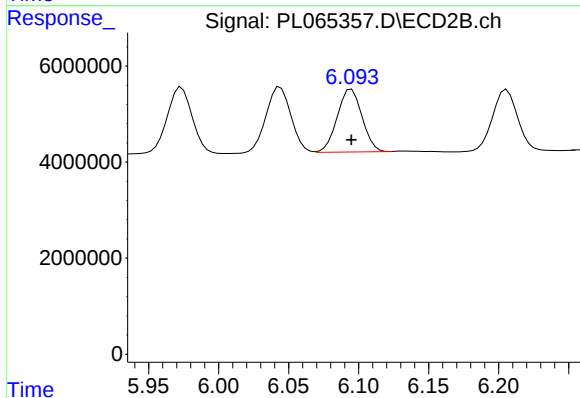
#9 Endosulfan I

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 14928033
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

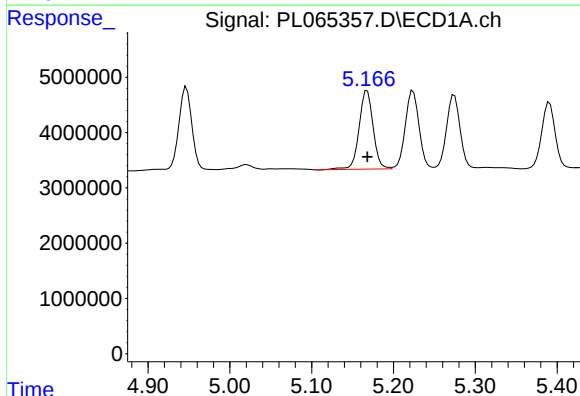
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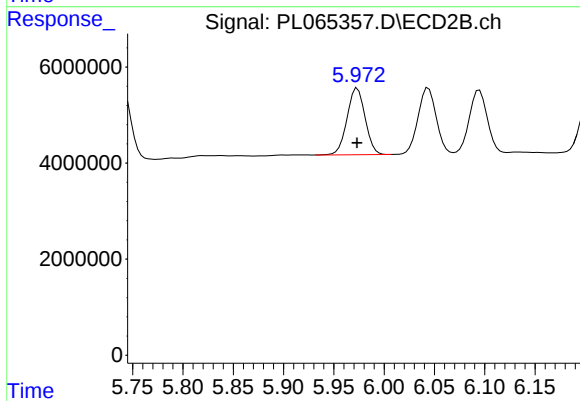
#9 Endosulfan I

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 16127739
Conc: 5.40 ng/ml



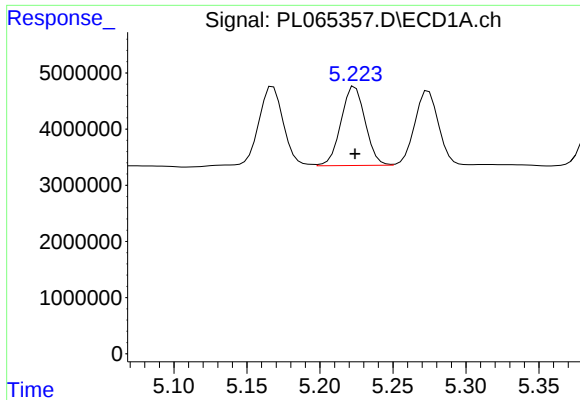
#10 gamma-Chlordane

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 16990415
Conc: 5.49 ng/ml



#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 17270861
Conc: 5.42 ng/ml



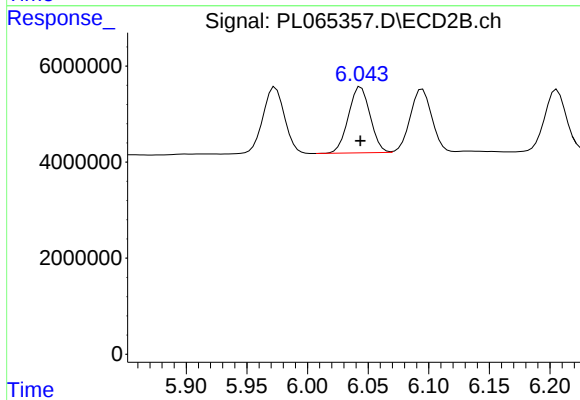
#11 alpha-Chlordane

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 16220043
Conc: 5.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

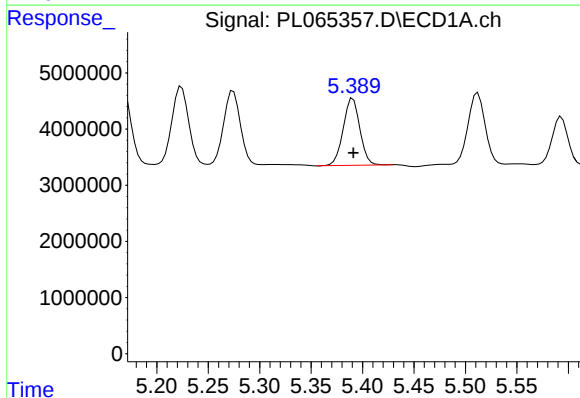
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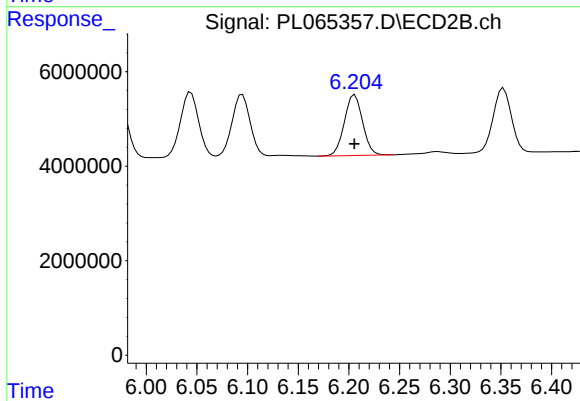
#11 alpha-Chlordane

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 17131677
Conc: 5.51 ng/ml



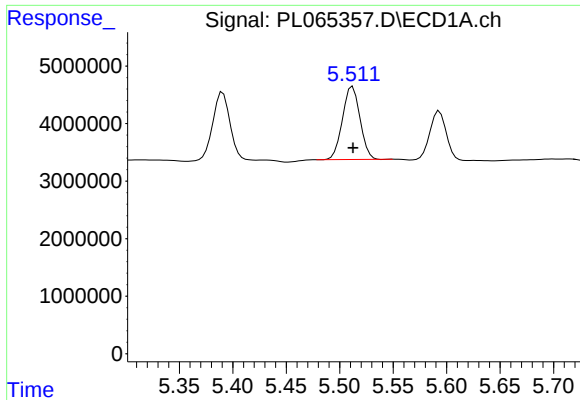
#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 13482190
Conc: 5.04 ng/ml



#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 16046935
Conc: 5.38 ng/ml



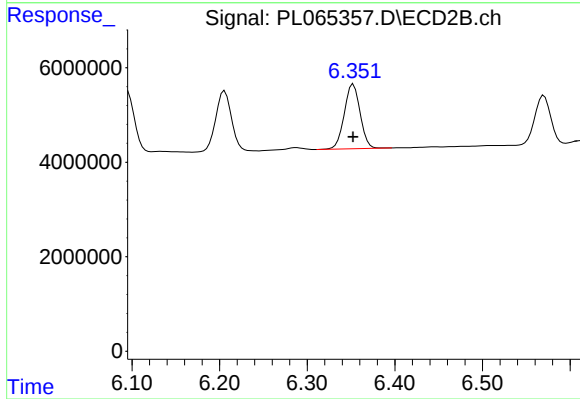
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 14475103
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

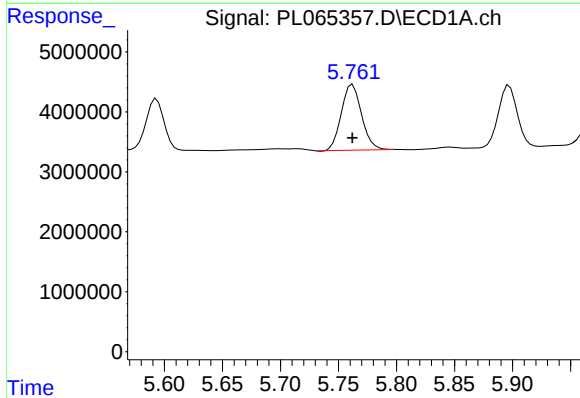
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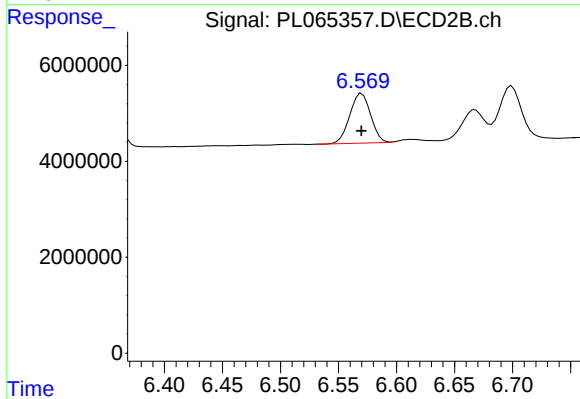
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 17216591
Conc: 5.50 ng/ml



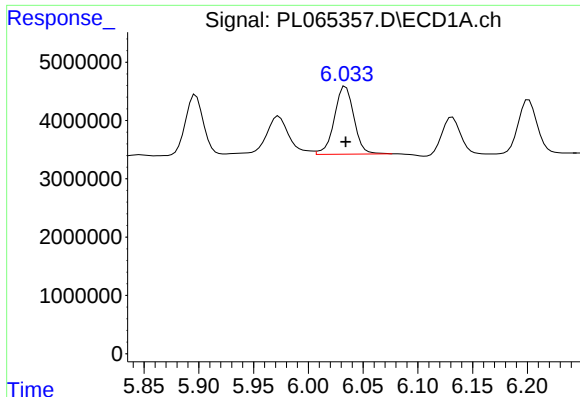
#14 Endrin

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 13327882
Conc: 5.07 ng/ml



#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 12925466
Conc: 4.93 ng/ml



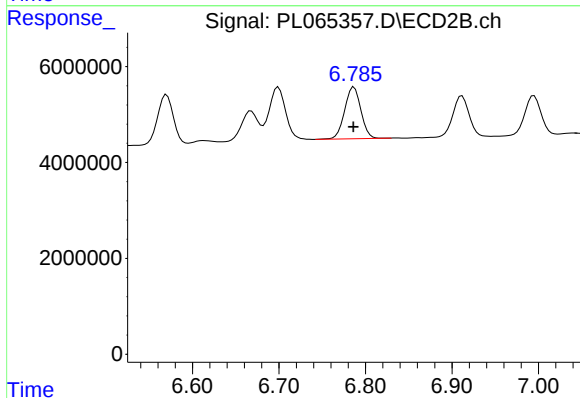
#15 Endosulfan II

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 14439805
Conc: 5.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

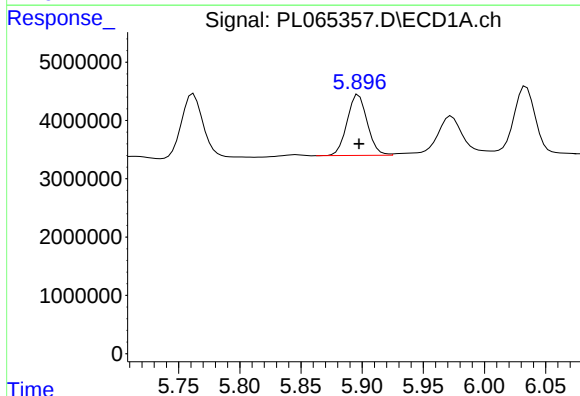
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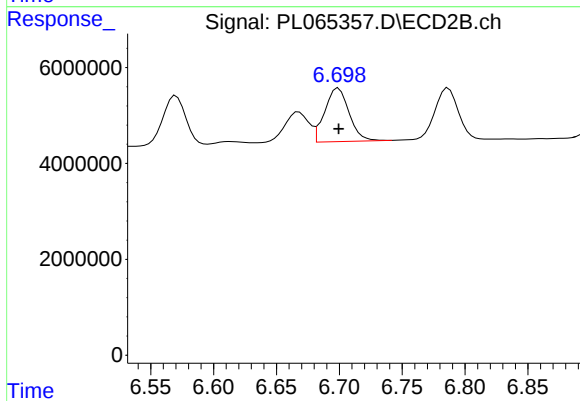
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 14002527
Conc: 5.63 ng/ml



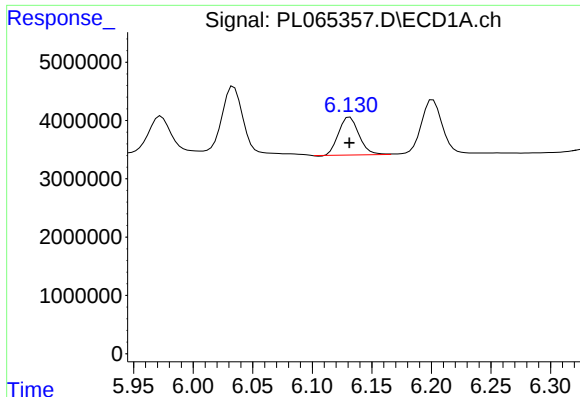
#16 4,4'-DDD

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 11926223
Conc: 5.36 ng/ml



#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 15101738
Conc: 5.98 ng/ml



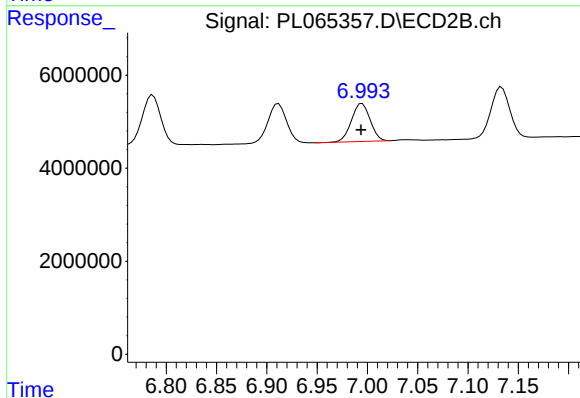
#17 4,4'-DDT

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 7739350
Conc: 4.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

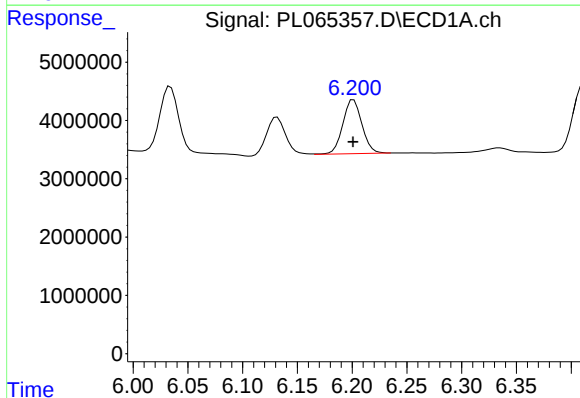
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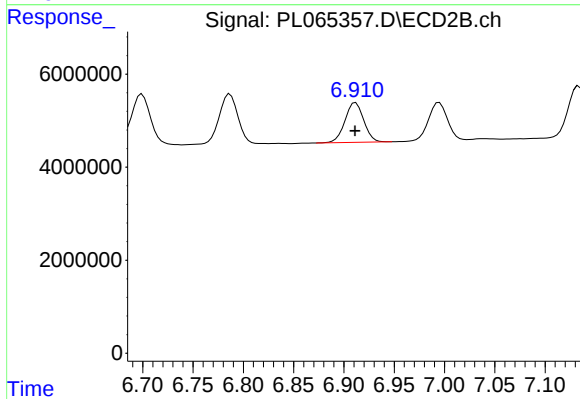
#17 4,4'-DDT

R.T.: 6.995 min
Delta R.T.: 0.001 min
Response: 10531636
Conc: 4.73 ng/ml



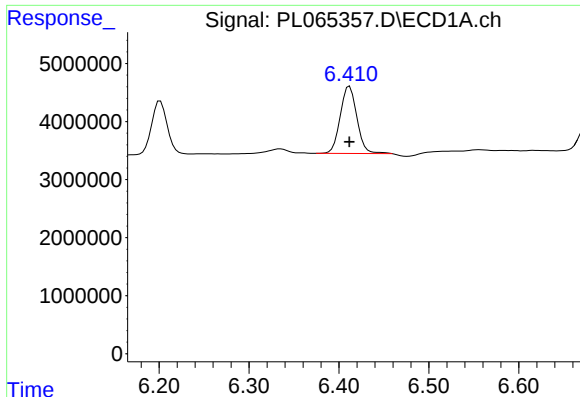
#18 Endrin aldehyde

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 11201030
Conc: 5.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 11097938
Conc: 5.63 ng/ml



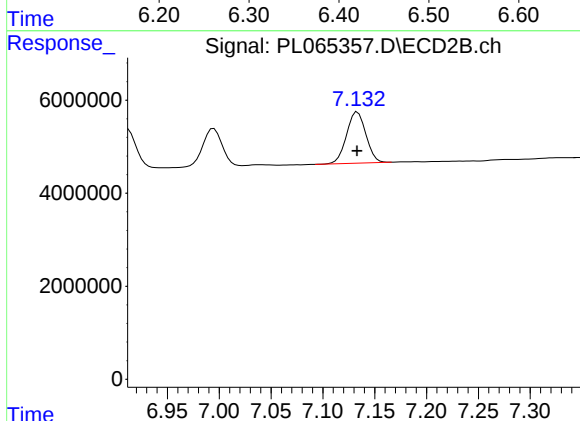
#19 Endosulfan Sulfate

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 14926530
Conc: 5.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

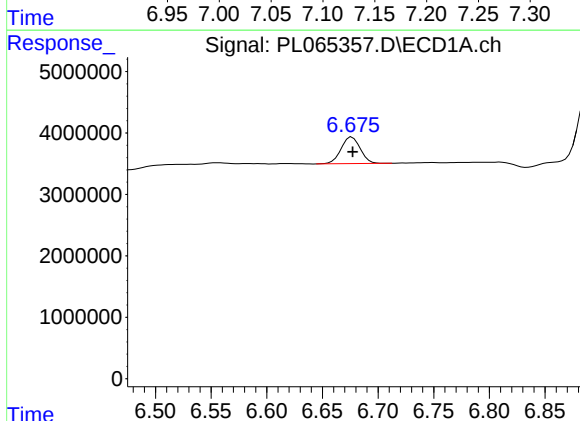
Manual Integrations
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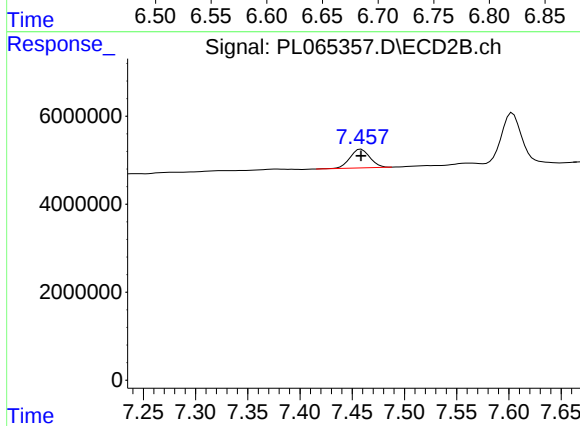
#19 Endosulfan Sulfate

R.T.: 7.133 min
Delta R.T.: 0.000 min
Response: 14343711
Conc: 5.71 ng/ml



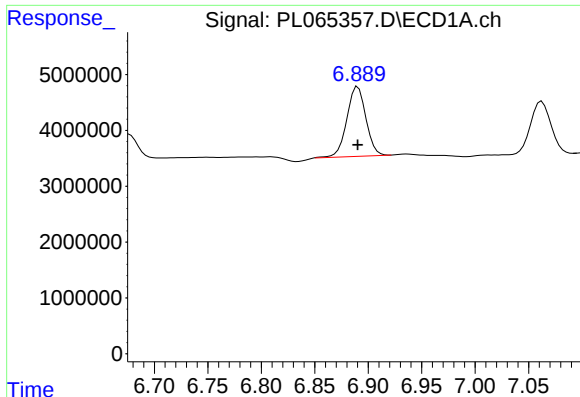
#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 5218481
Conc: 4.67 ng/ml



#20 Methoxychlor

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 5658571
Conc: 5.04 ng/ml



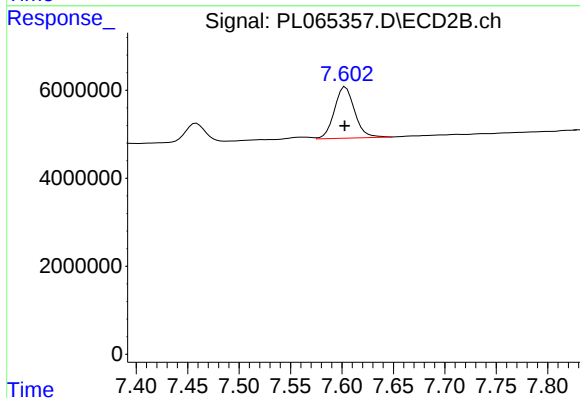
#21 Endrin ketone

R.T.: 6.890 min
Delta R.T.: 0.000 min
Response: 15442671
Conc: 5.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

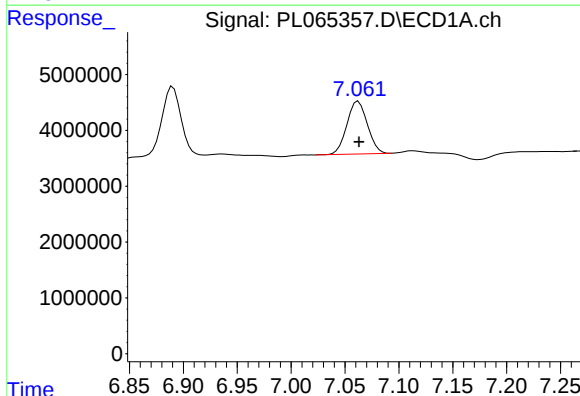
Manual Integrations
APPROVED

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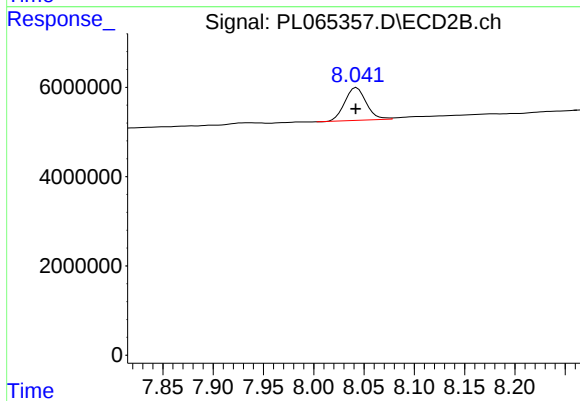
#21 Endrin ketone

R.T.: 7.603 min
Delta R.T.: 0.000 min
Response: 15963310
Conc: 5.86 ng/ml



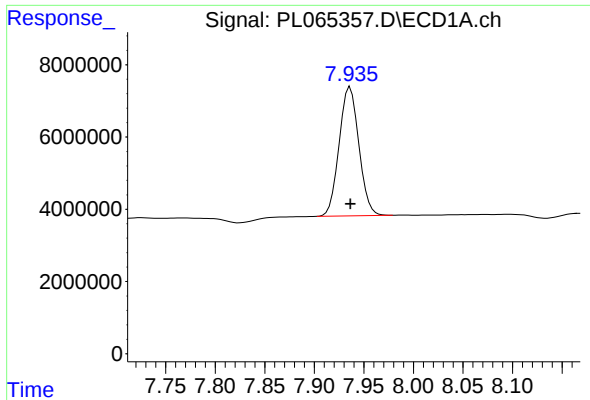
#22 Mirex

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 12539232
Conc: 5.74 ng/ml



#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.000 min
Response: 10860944
Conc: 6.01 ng/ml



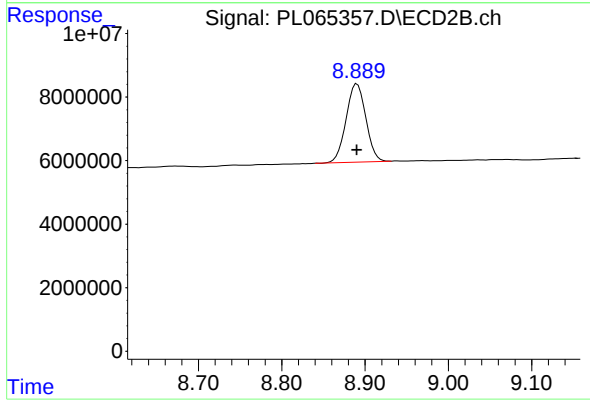
#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 49477384
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2021

Manual Integrations
APPROVED

Ankita
3/18/2021 3:57:43 PM



#28 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: 0.000 min
Response: 40427003
Conc: 19.87 ng/ml