

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031621\
 Data File : PL065355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2021 22:34
 Operator : AR\AJ
 Sample : M1458-07
 Misc : PEST LOD 1 PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 13:11:02 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031621.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 06 13:08:25 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	3.883	43902704	52521423	18.055	18.193
28)	SA Decachlor...	7.936	8.890	46547742	38567898	18.957	18.959
Target Compounds							
2)	A alpha-BHC	3.716	4.274	5197226	4063105	1.348	0.937 #
3)	MA gamma-BHC...	3.989	4.557	3277285	3901471	0.934	0.986
4)	MA Heptachlor	4.275	5.051	2973633	4773535	0.868	1.275 #
5)	MB Aldrin	4.513	5.352	3079765	3803630	0.939	1.061
6)	B beta-BHC	4.238	4.739	2080127	5800211	1.418m	2.913m#
7)	B delta-BHC	4.433	4.951	3105974	4098169	0.904	1.131 #
8)	B Heptachlo...	4.947	5.740	3108373	3872901	0.996	1.215
9)	A Endosulfan I	5.274	6.096	2920725	3175345	1.022	1.063
10)	B gamma-Chl...	5.168	5.974	4046936	3264867	1.307	1.024
11)	B alpha-Chl...	5.224	6.044	3490731	3379447	1.149	1.086
12)	B 4,4'-DDE	5.390	6.206	2589279	3014647	0.967	1.011
13)	MA Dieldrin	5.511	6.353	2687667	3688171	0.923	1.178 #
14)	MA Endrin	5.762	6.570	2570386	2359568	0.977	0.901
15)	B Endosulfa...	6.033	6.787	3228456	2759813	1.272	1.110
16)	A 4,4'-DDD	5.895	6.700	2130292	3587138	0.957m	1.421 #
17)	MA 4,4'-DDT	6.129	6.993	1394097	2087842	0.724m	0.937m#
18)	B Endrin al...	6.199	6.911	2233374	2177026	1.112m	1.105m
19)	B Endosulfa...	6.411	7.134	2793752	2763888	1.054	1.100
20)	A Methoxychlor	6.675	7.458	1047629	1104767	0.938m	0.983m
21)	B Endrin ke...	6.890	7.604	2902529	3840191	1.021	1.410 #
22)	Mirex	7.062	8.042	2412541	2001742	1.104m	1.108m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031621\
Data File : PL065355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2021 22:34
Operator : AR\AJ
Sample : M1458-07
Misc : PEST LOD 1 PPB
ALS Vial : 29 Sample Multiplier: 1

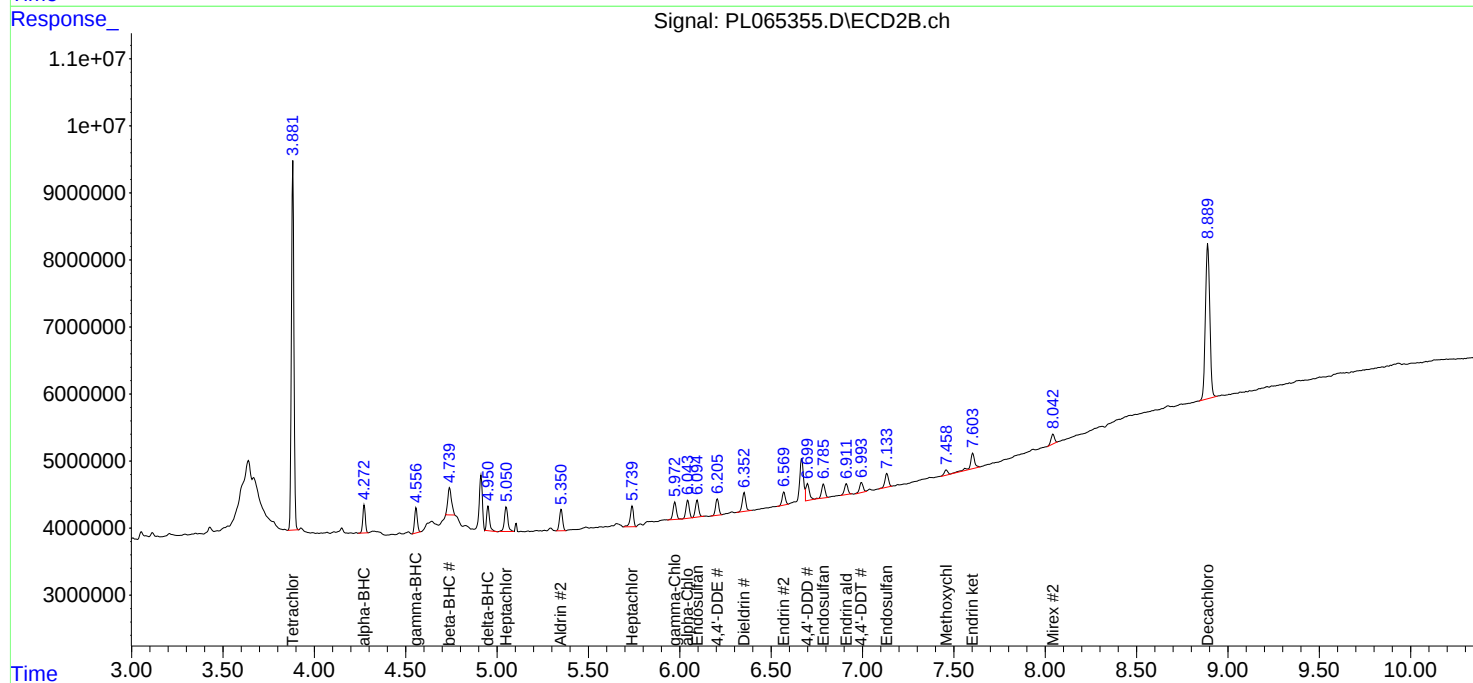
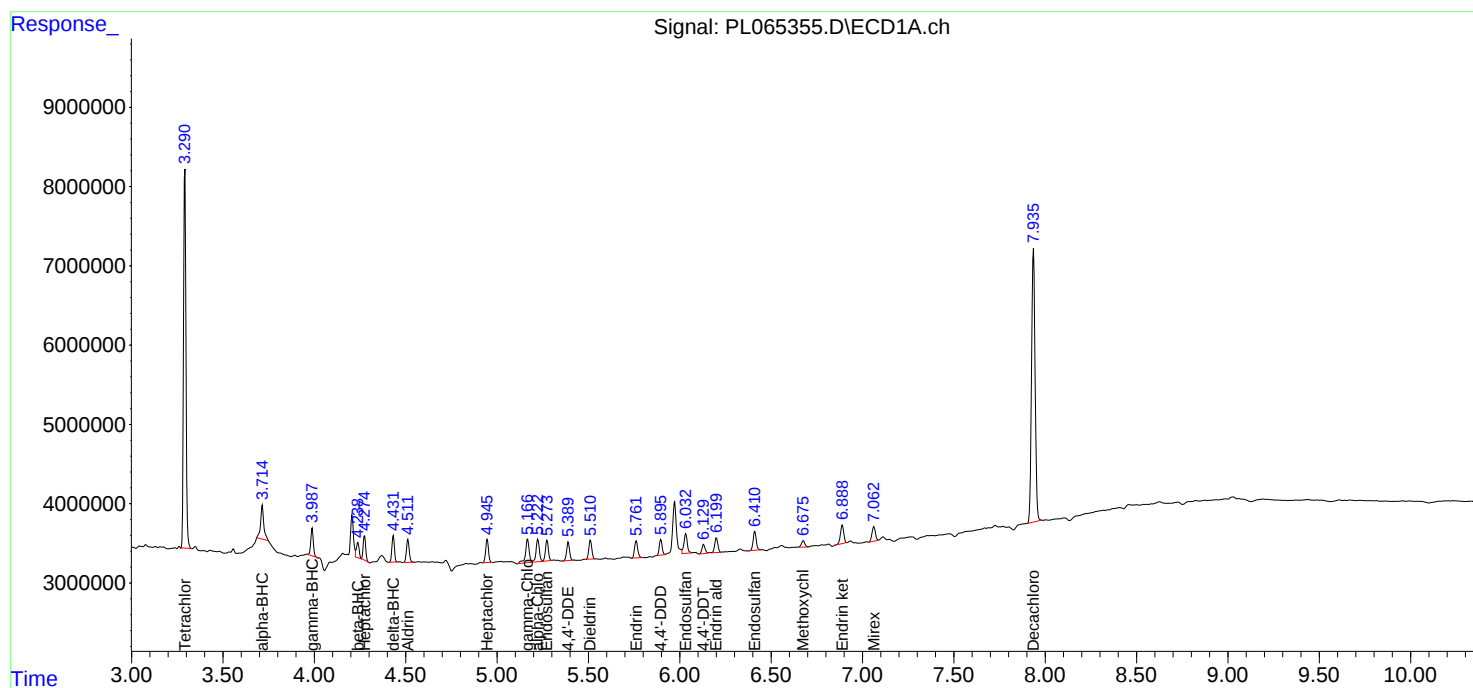
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

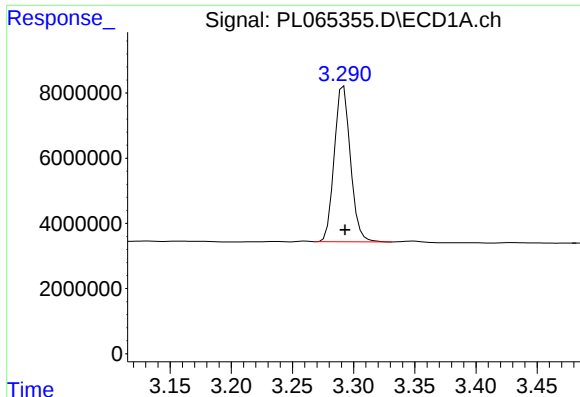
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 13:11:02 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031621.M
Quant Title : GC Extractables
QLast Update : Tue Jul 06 13:08:25 2021
Response 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





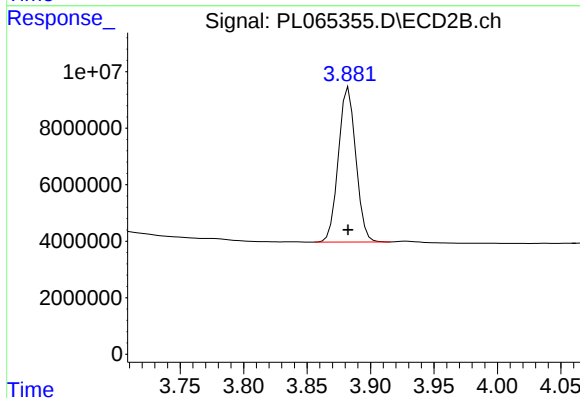
#1 Tetrachloro-m-xylene

R.T.: 3.292 min
Delta R.T.: -0.001 min
Response: 43902704
Conc: 18.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

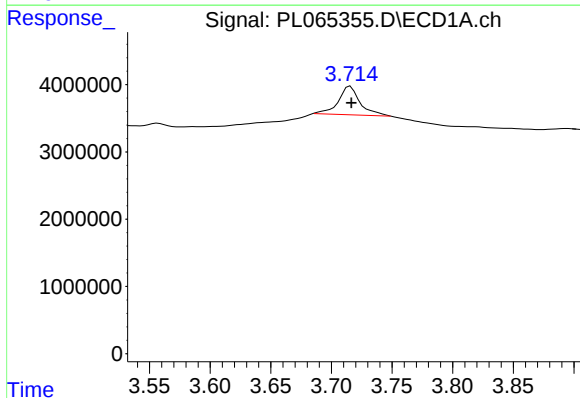
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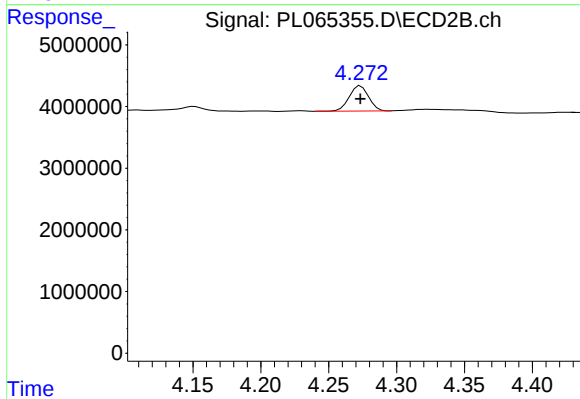
#1 Tetrachloro-m-xylene

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 52521423
Conc: 18.19 ng/ml



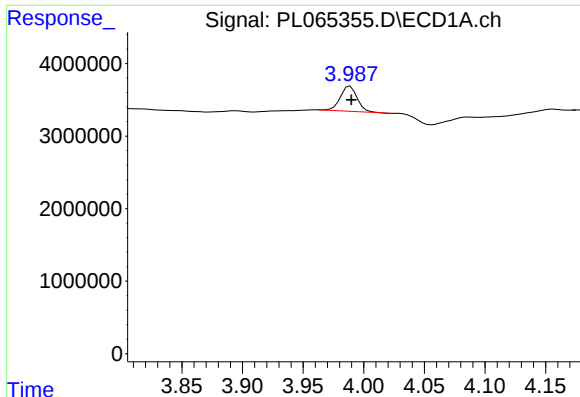
#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 5197226
Conc: 1.35 ng/ml



#2 alpha-BHC

R.T.: 4.274 min
Delta R.T.: 0.000 min
Response: 4063105
Conc: 0.94 ng/ml



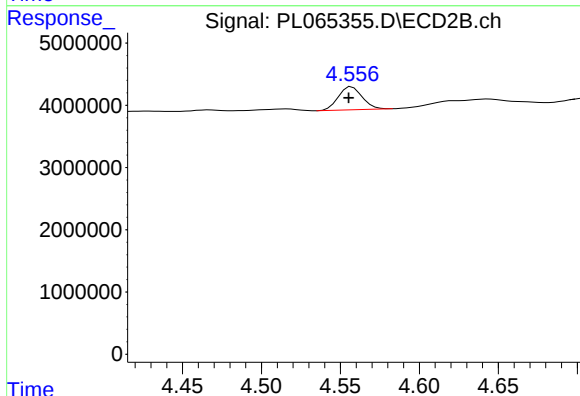
#3 gamma-BHC (Lindane)

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 3277285
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

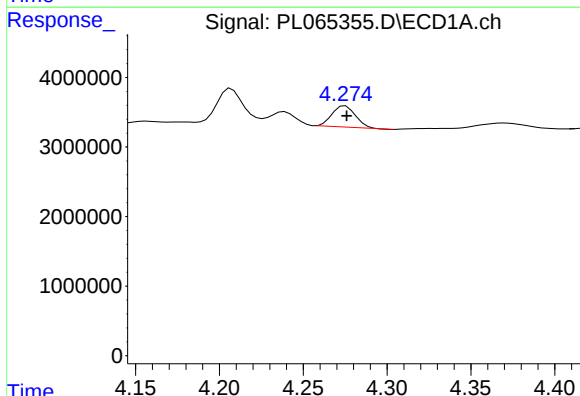
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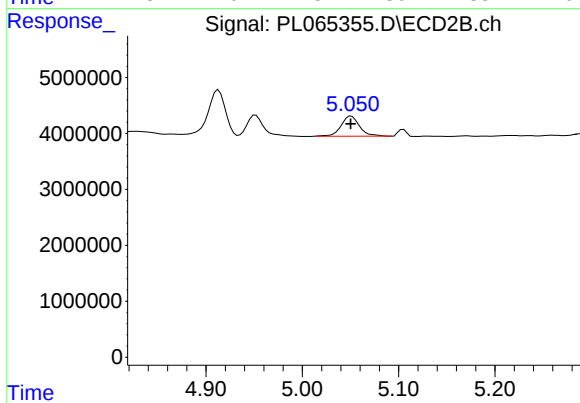
#3 gamma-BHC (Lindane)

R.T.: 4.557 min
Delta R.T.: 0.002 min
Response: 3901471
Conc: 0.99 ng/ml



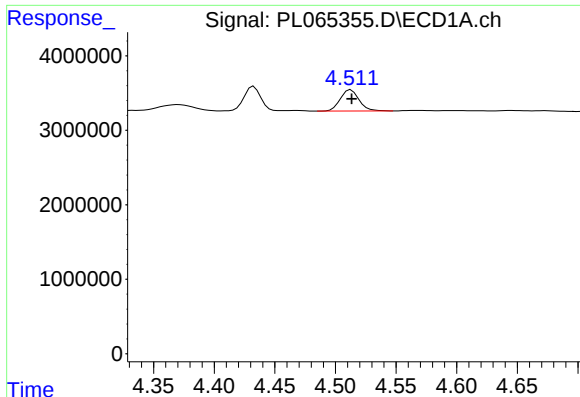
#4 Heptachlor

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 2973633
Conc: 0.87 ng/ml



#4 Heptachlor

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 4773535
Conc: 1.28 ng/ml



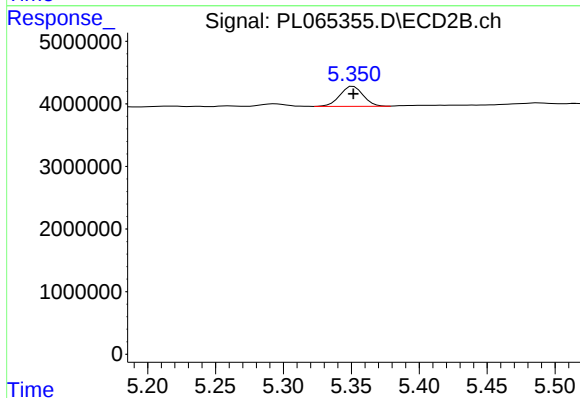
#5 Aldrin

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 3079765
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

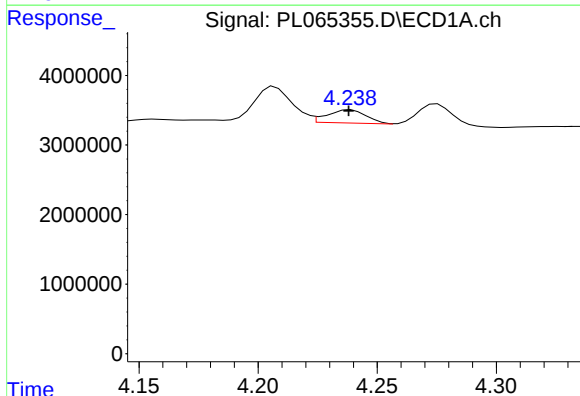
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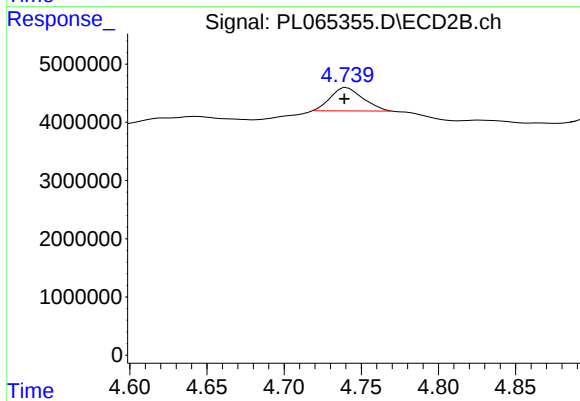
#5 Aldrin

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 3803630
Conc: 1.06 ng/ml



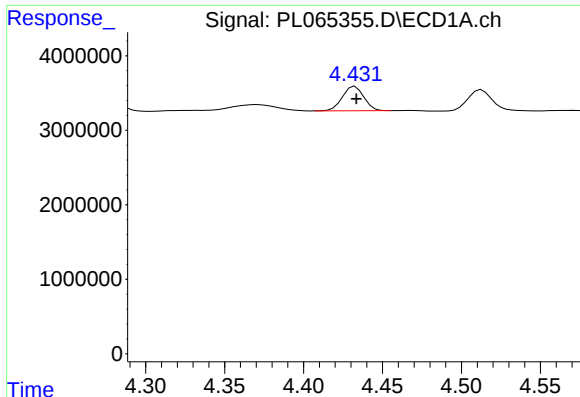
#6 beta-BHC

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 2080127
Conc: 1.42 ng/ml m



#6 beta-BHC

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 5800211
Conc: 2.91 ng/ml m



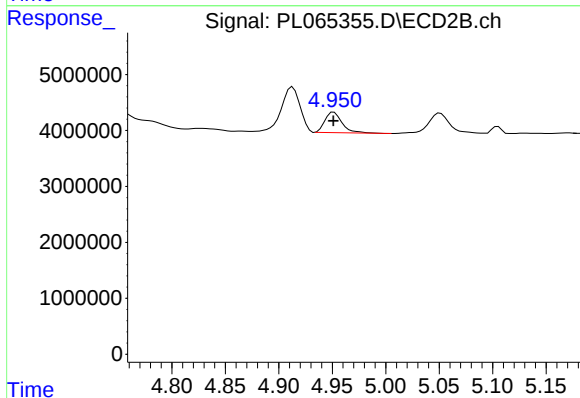
#7 delta-BHC

R.T.: 4.433 min
Delta R.T.: 0.000 min
Response: 3105974
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

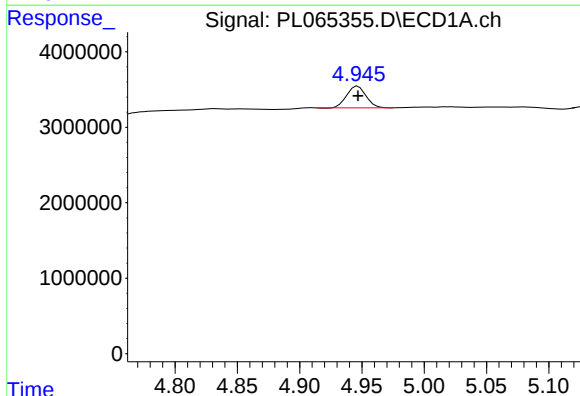
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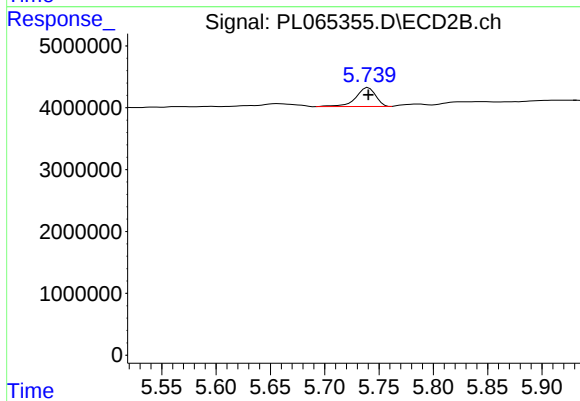
#7 delta-BHC

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 4098169
Conc: 1.13 ng/ml



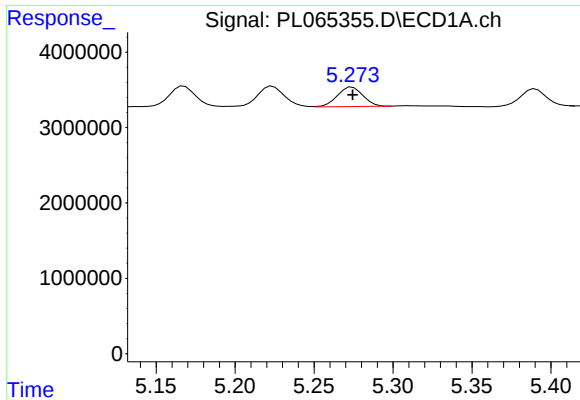
#8 Heptachlor epoxide

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 3108373
Conc: 1.00 ng/ml



#8 Heptachlor epoxide

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 3872901
Conc: 1.22 ng/ml



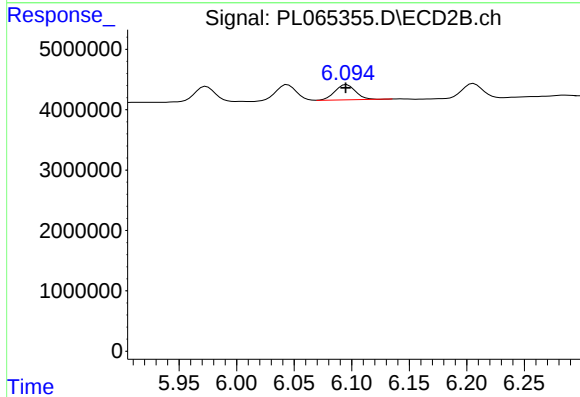
#9 Endosulfan I

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 2920725
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

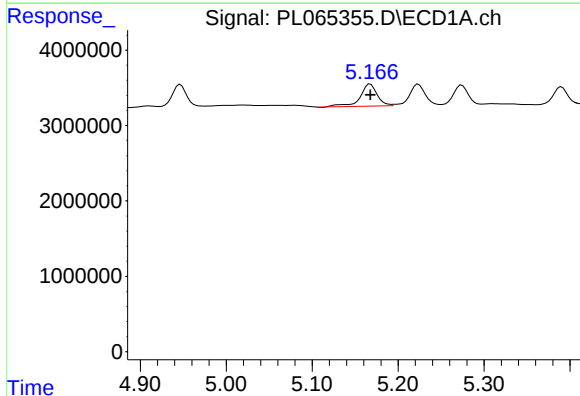
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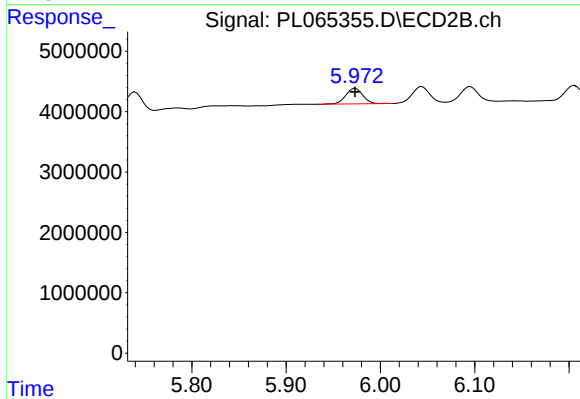
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 3175345
Conc: 1.06 ng/ml



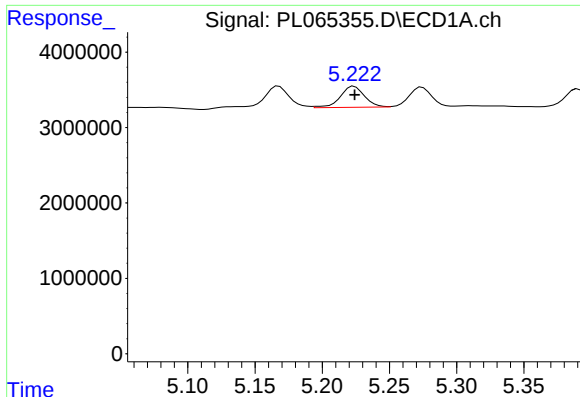
#10 gamma-Chlordane

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 4046936
Conc: 1.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 3264867
Conc: 1.02 ng/ml



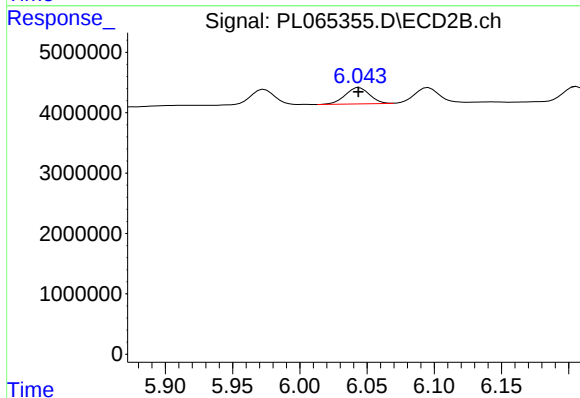
#11 alpha-Chlordane

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 3490731
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

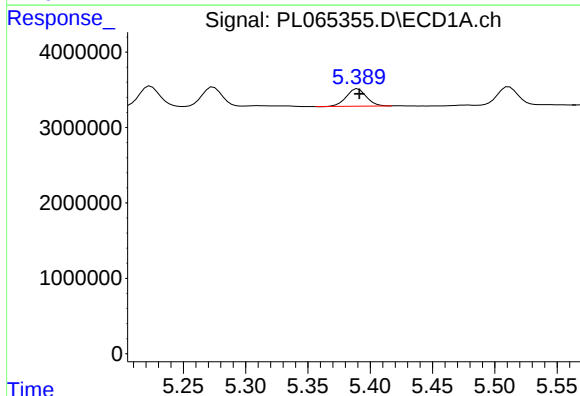
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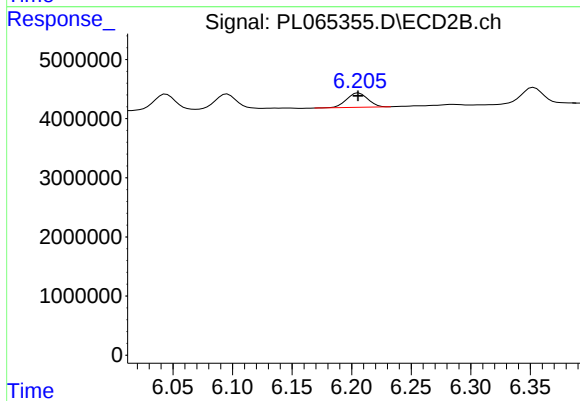
#11 alpha-Chlordane

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 3379447
Conc: 1.09 ng/ml



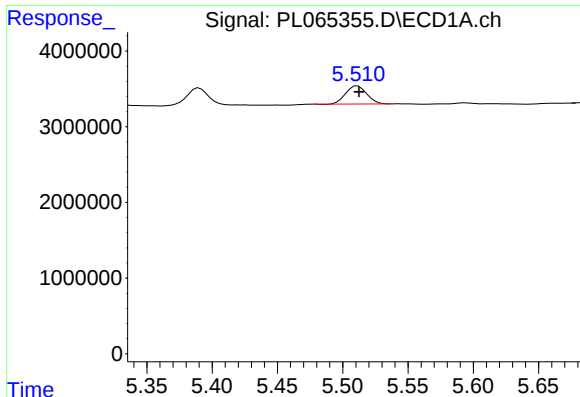
#12 4,4'-DDE

R.T.: 5.390 min
Delta R.T.: -0.001 min
Response: 2589279
Conc: 0.97 ng/ml



#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 3014647
Conc: 1.01 ng/ml



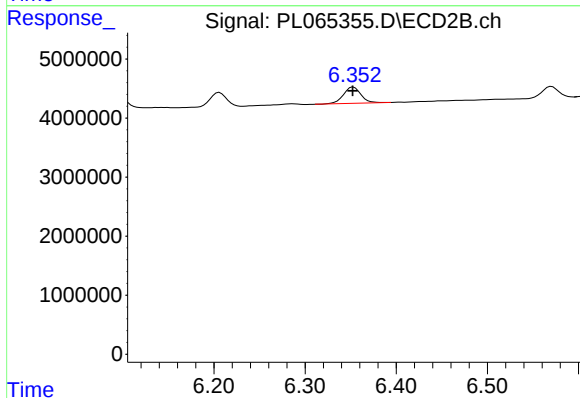
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 2687667
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

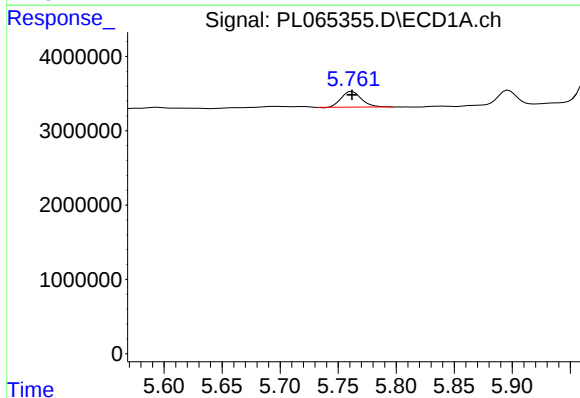
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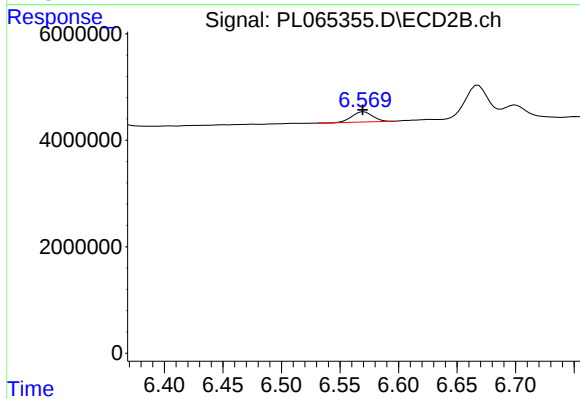
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 3688171
Conc: 1.18 ng/ml



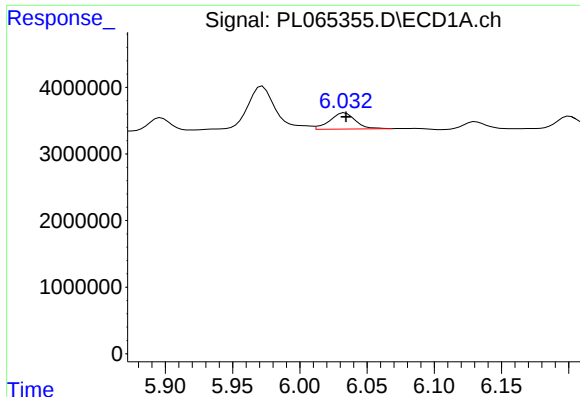
#14 Endrin

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 2570386
Conc: 0.98 ng/ml



#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 2359568
Conc: 0.90 ng/ml



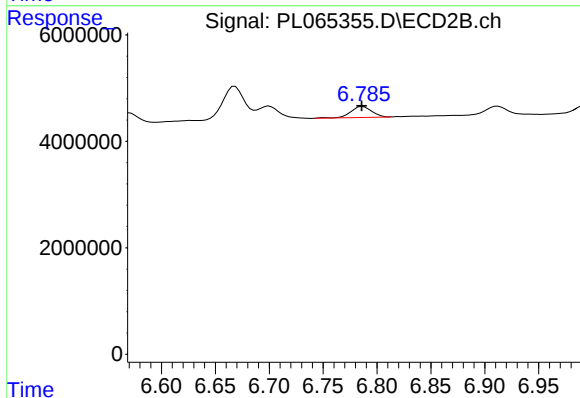
#15 Endosulfan II

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 3228456
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

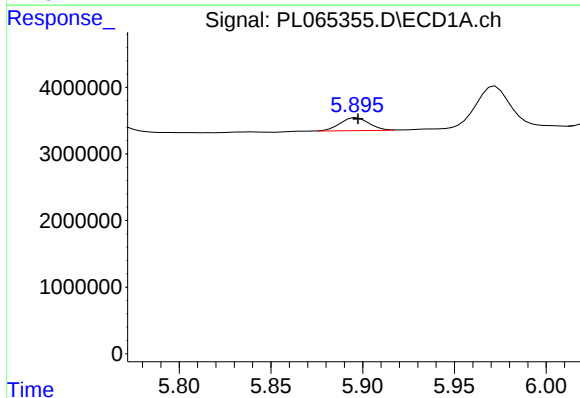
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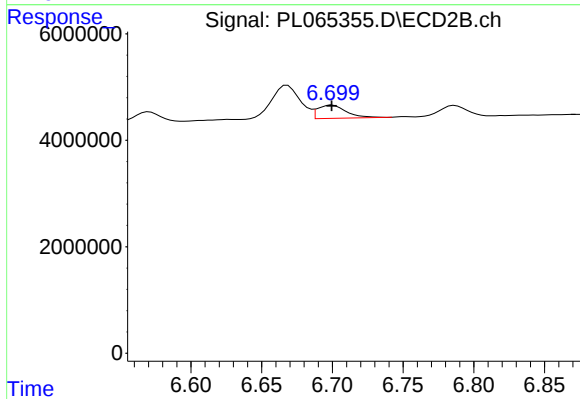
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 2759813
Conc: 1.11 ng/ml



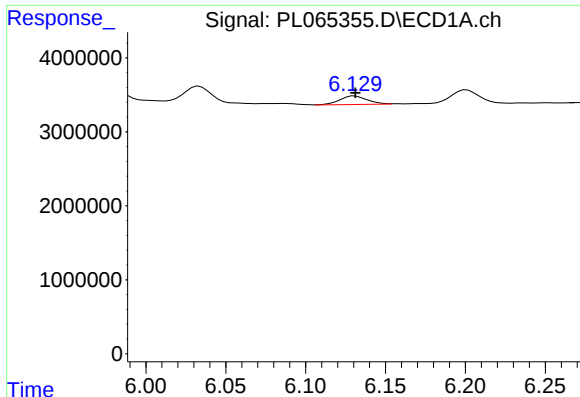
#16 4,4'-DDD

R.T.: 5.895 min
Delta R.T.: -0.002 min
Response: 2130292
Conc: 0.96 ng/ml m



#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 3587138
Conc: 1.42 ng/ml



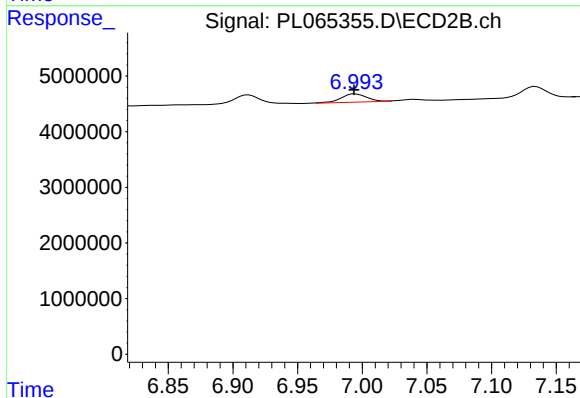
#17 4,4'-DDT

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 1394097
Conc: 0.72 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

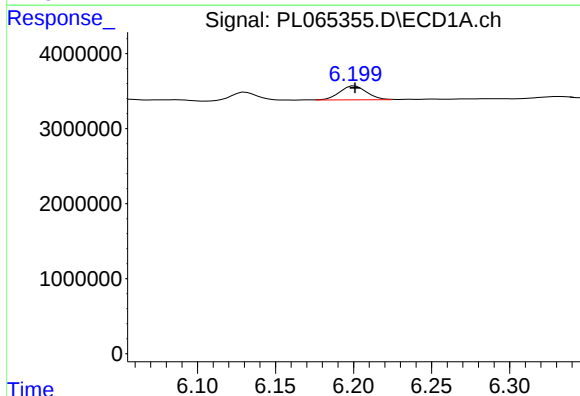
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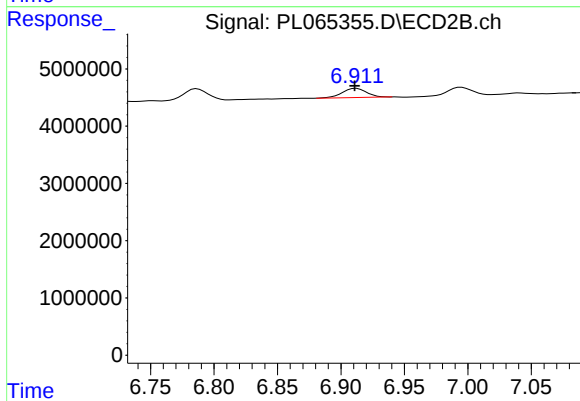
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 2087842
Conc: 0.94 ng/ml m



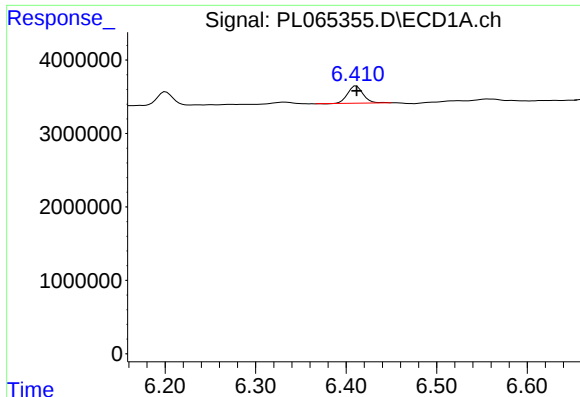
#18 Endrin aldehyde

R.T.: 6.199 min
Delta R.T.: -0.001 min
Response: 2233374
Conc: 1.11 ng/ml m



#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 2177026
Conc: 1.11 ng/ml m



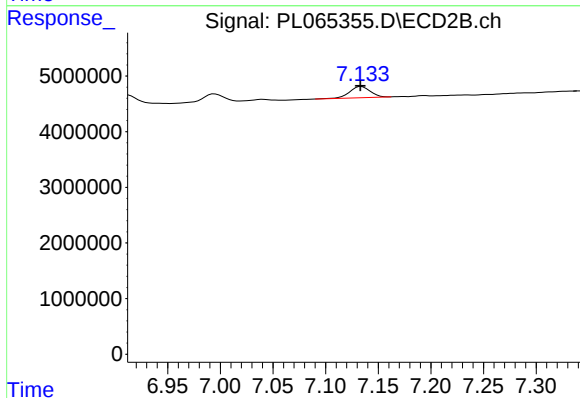
#19 Endosulfan Sulfate

R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 2793752
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

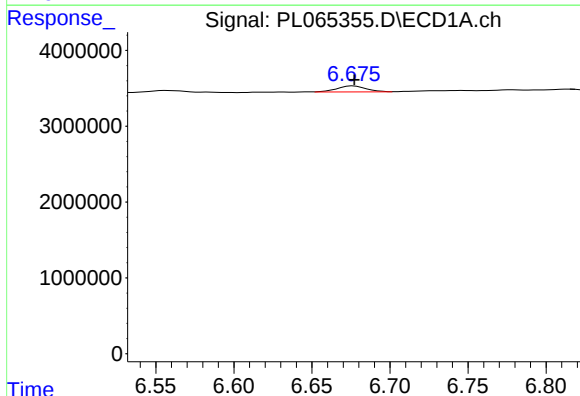
Manual Integrations
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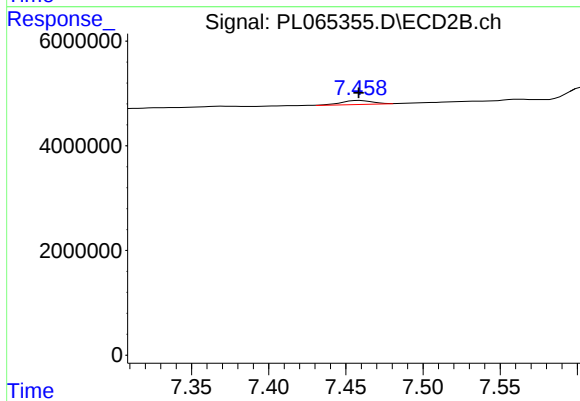
#19 Endosulfan Sulfate

R.T.: 7.134 min
Delta R.T.: 0.001 min
Response: 2763888
Conc: 1.10 ng/ml



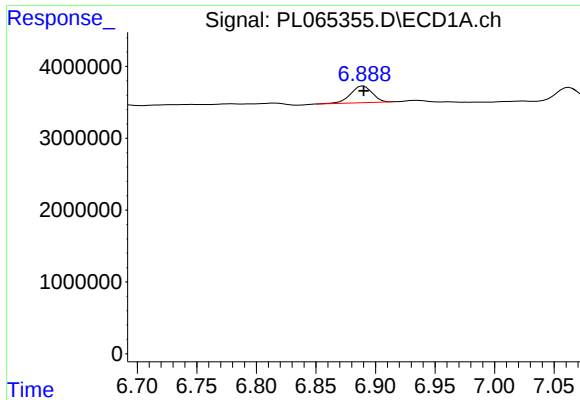
#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 1047629
Conc: 0.94 ng/ml m



#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 1104767
Conc: 0.98 ng/ml m



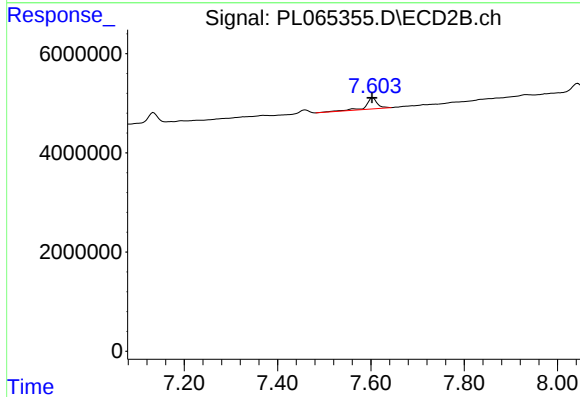
#21 Endrin ketone

R.T.: 6.890 min
Delta R.T.: 0.000 min
Response: 2902529
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

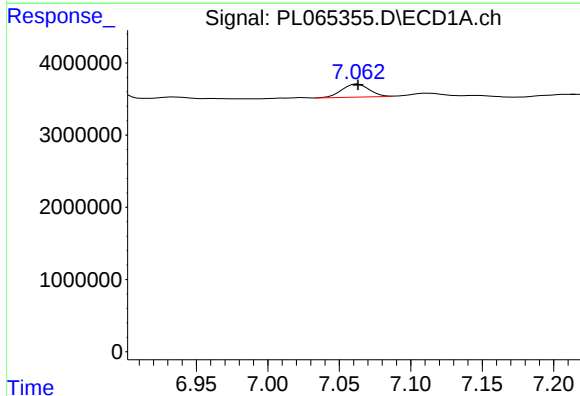
Manual Integrations
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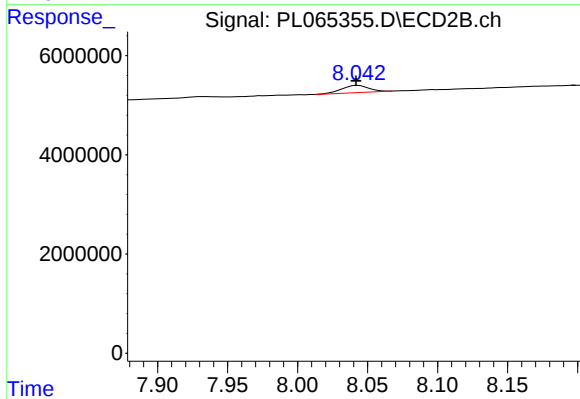
#21 Endrin ketone

R.T.: 7.604 min
Delta R.T.: 0.001 min
Response: 3840191
Conc: 1.41 ng/ml



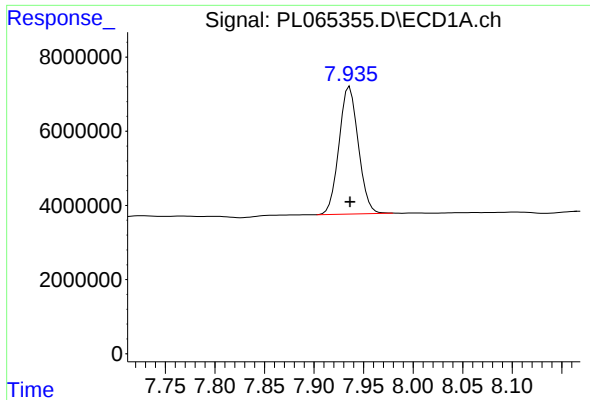
#22 Mirex

R.T.: 7.062 min
Delta R.T.: -0.002 min
Response: 2412541
Conc: 1.10 ng/ml m



#22 Mirex

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 2001742
Conc: 1.11 ng/ml m



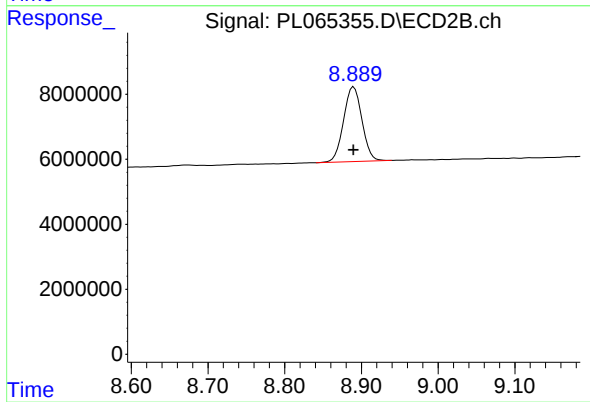
#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 46547742
Conc: 18.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT1-2021

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: 0.000 min
Response: 38567898
Conc: 18.96 ng/ml