

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071919\
 Data File : PL050616.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2019 10:53
 Operator : SM\AJ
 Sample : K3591-07
 Misc : LOD 1 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 23:27:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 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...	3.324	3.931	221.6E6	61375660	22.051	21.511
28)	SA Decachlor...	7.985	8.964	243.3E6	67651660	24.027	23.923
Target Compounds							
2)	A alpha-BHC	3.751	4.319	16539166	3304771	0.987	0.801
3)	MA gamma-BHC...	4.027	4.602	12705576	3029854	0.826	0.782
4)	MA Heptachlor	4.310	5.104	12720760	4280504	0.775	1.032 #
5)	MB Aldrin	4.549	5.406	16868514	3704168	1.089	0.983
6)	B beta-BHC	4.282	4.779	5626169	2652501	0.858	1.534m#
7)	B delta-BHC	4.475	4.989	13729943	5770850	0.837	1.492m#
8)	B Heptachlor...	4.985	5.797	13003435	8211043	0.880	2.147 #
9)	A Endosulfan I	5.316	6.149	19646522	3659619	1.351	1.064
10)	B gamma-Chl...	5.206	6.027	18632405	3006349	1.181m	0.814 #
11)	B alpha-Chl...	5.262	6.099	15852956	3963231	1.039m	1.081
12)	B 4,4'-DDE	5.431	6.258	14322278	3106785	0.956	0.862m
13)	MA Dieldrin	5.554	6.404	16050576	3357569	1.036	0.948m
14)	MA Endrin	5.806	6.620	13711682	2453137	0.931m	0.791m
15)	B Endosulfa...	6.082	6.833	17312831	4034611	1.237	1.269m
16)	A 4,4'-DDD	5.942	6.749	14628156	2548325	1.221	0.957m
17)	MA 4,4'-DDT	6.174	7.045	8396912	1962247	0.678m	0.727m
18)	B Endrin al...	6.249	6.957	13091207	3109276	1.135	1.144m
19)	B Endosulfa...	6.460	7.180	15242513	3292314	1.196	1.140m
20)	A Methoxychlor	6.719	7.506	5089587	1436263	0.816m	0.979m
21)	B Endrin ke...	6.941	7.650	13971826	2960615	1.022	1.024
22)	Mirex	7.115	8.097	9126922	2561860	0.931	1.115m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071919\
Data File : PL050616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2019 10:53
Operator : SM\AJ
Sample : K3591-07
Misc : LOD 1 PPB
ALS Vial : 8 Sample Multiplier: 1

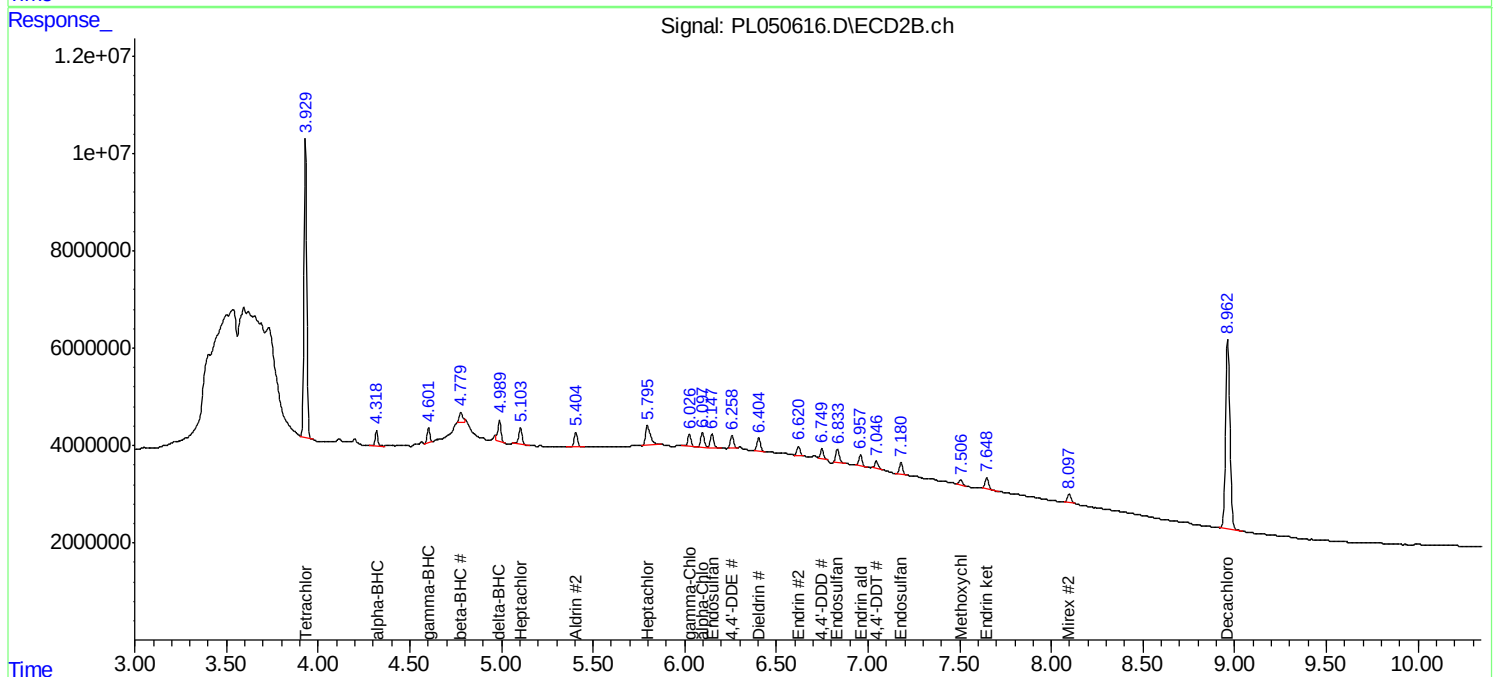
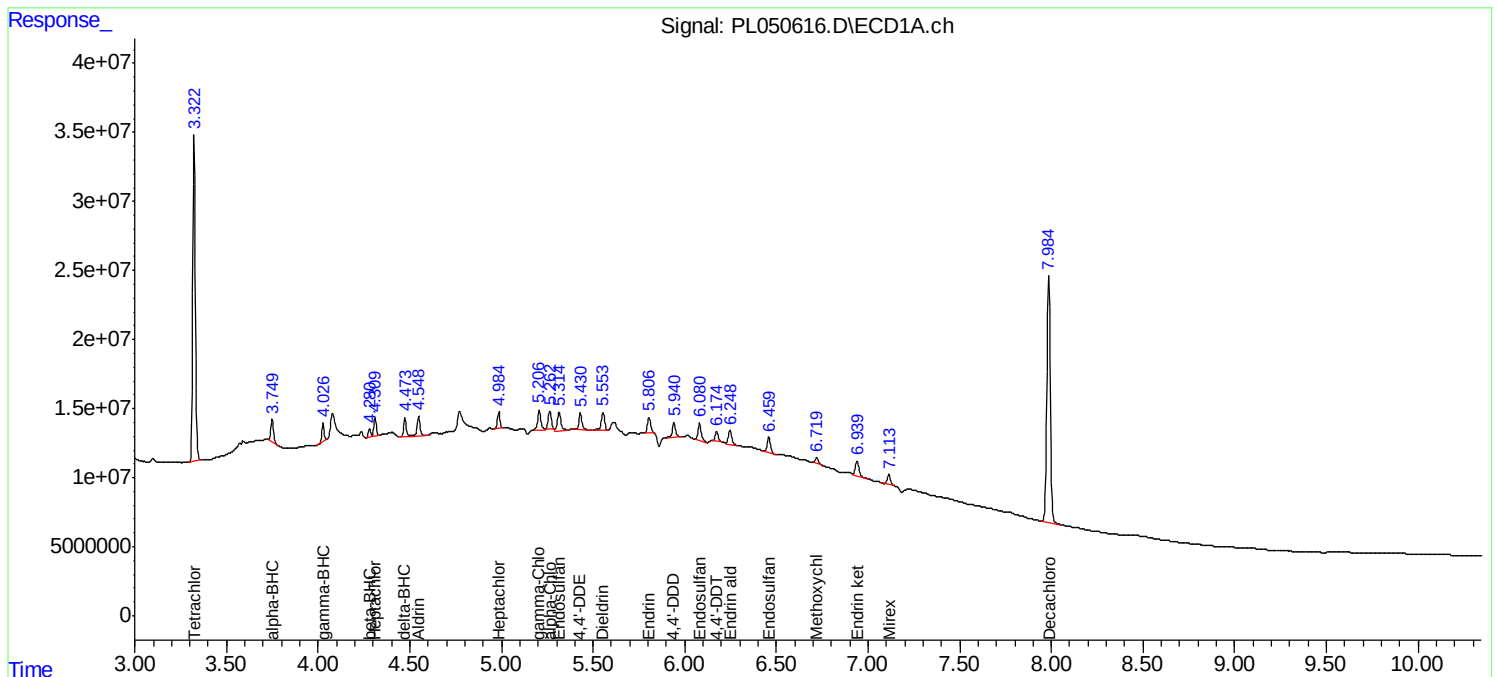
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

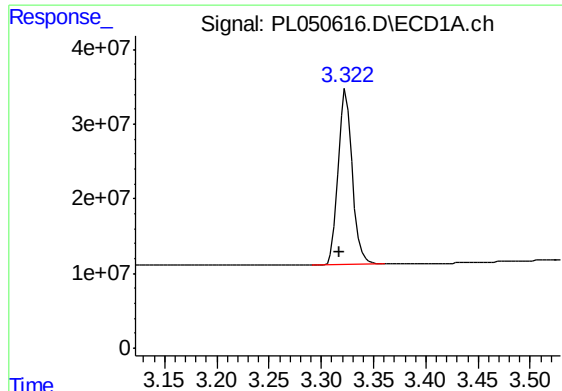
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 23:27:49 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 2019
Response 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





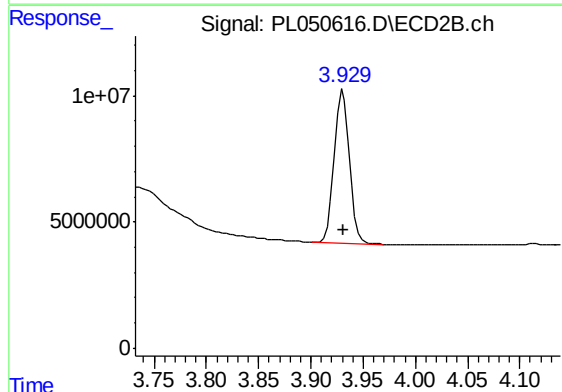
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.006 min
Response: 221562416
Conc: 22.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

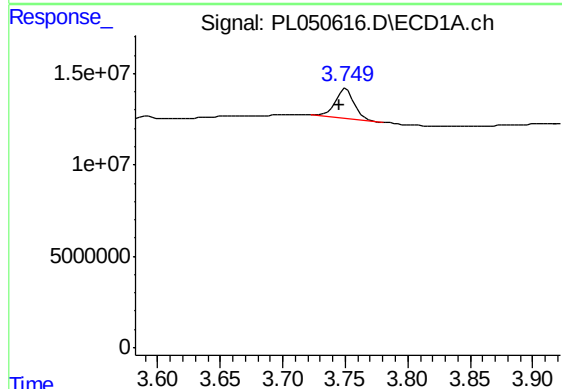
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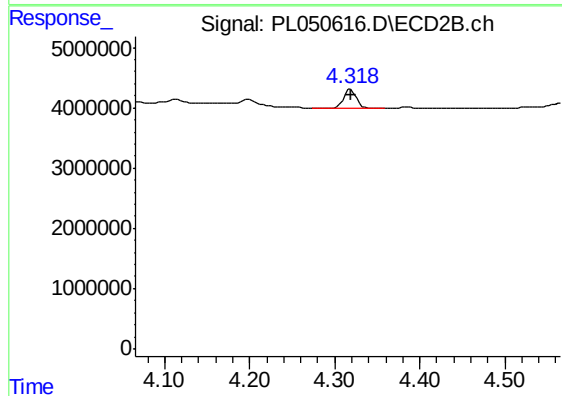
#1 Tetrachloro-m-xylene

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 61375660
Conc: 21.51 ng/ml



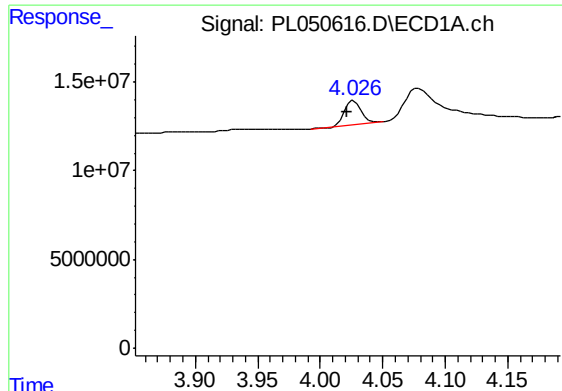
#2 alpha-BHC

R.T.: 3.751 min
Delta R.T.: 0.005 min
Response: 16539166
Conc: 0.99 ng/ml



#2 alpha-BHC

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 3304771
Conc: 0.80 ng/ml



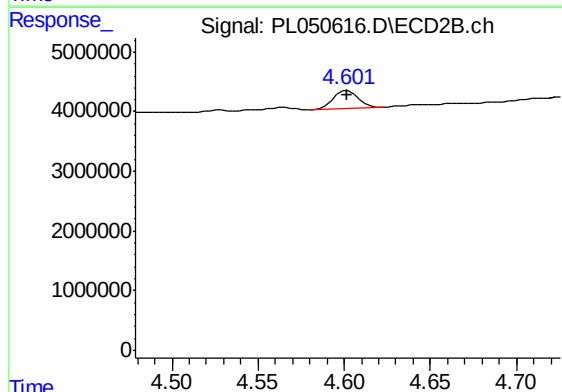
#3 gamma-BHC (Lindane)

R.T.: 4.027 min
Delta R.T.: 0.006 min
Response: 12705576
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

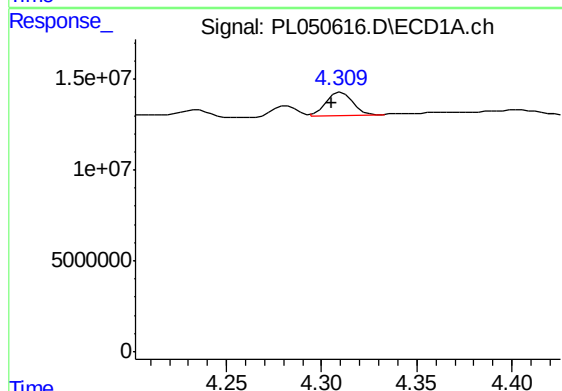
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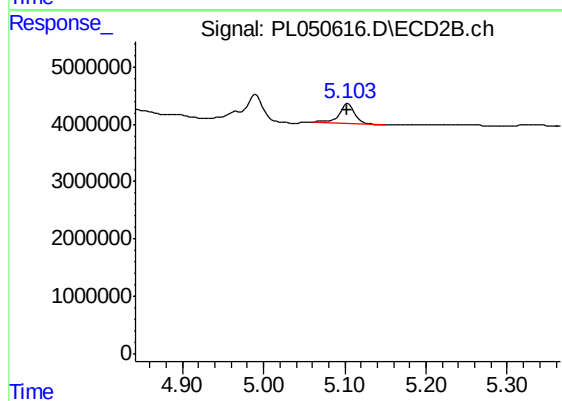
#3 gamma-BHC (Lindane)

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 3029854
Conc: 0.78 ng/ml



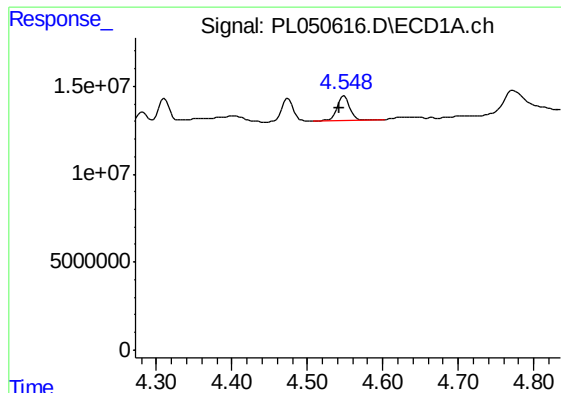
#4 Heptachlor

R.T.: 4.310 min
Delta R.T.: 0.005 min
Response: 12720760
Conc: 0.78 ng/ml



#4 Heptachlor

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 4280504
Conc: 1.03 ng/ml



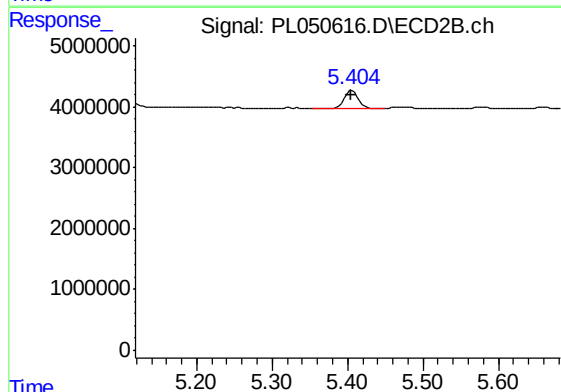
#5 Aldrin

R.T.: 4.549 min
Delta R.T.: 0.006 min
Response: 16868514
Conc: 1.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

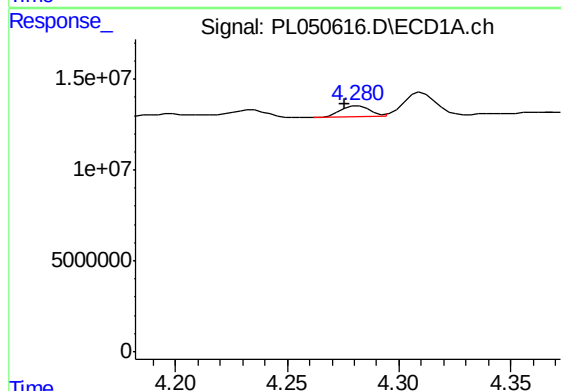
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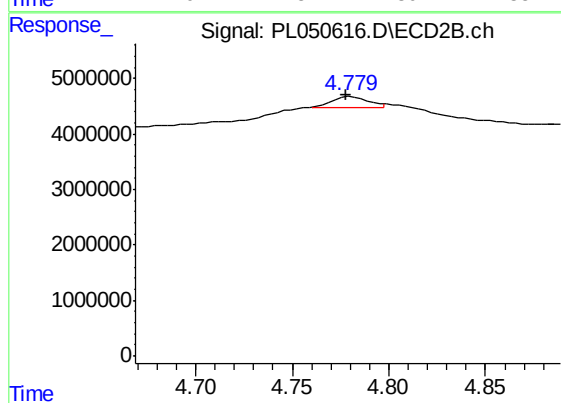
#5 Aldrin

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 3704168
Conc: 0.98 ng/ml



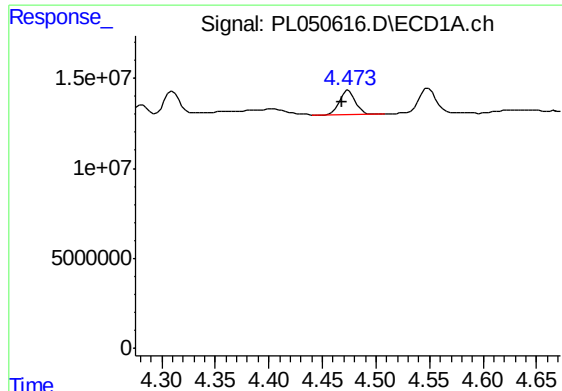
#6 beta-BHC

R.T.: 4.282 min
Delta R.T.: 0.006 min
Response: 5626169
Conc: 0.86 ng/ml



#6 beta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 2652501
Conc: 1.53 ng/ml m



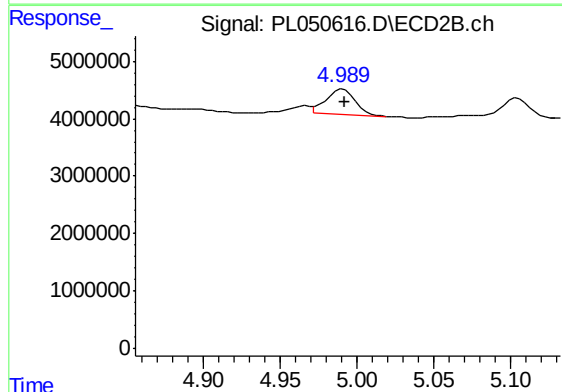
#7 delta-BHC

R.T.: 4.475 min
Delta R.T.: 0.006 min
Response: 13729943
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

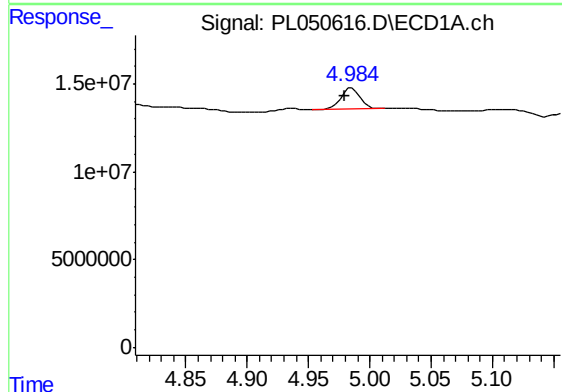
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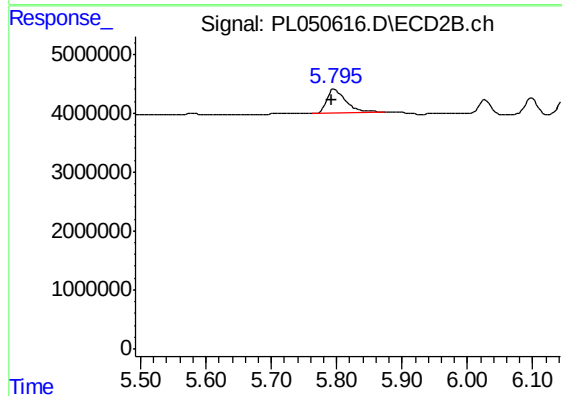
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 5770850
Conc: 1.49 ng/ml m



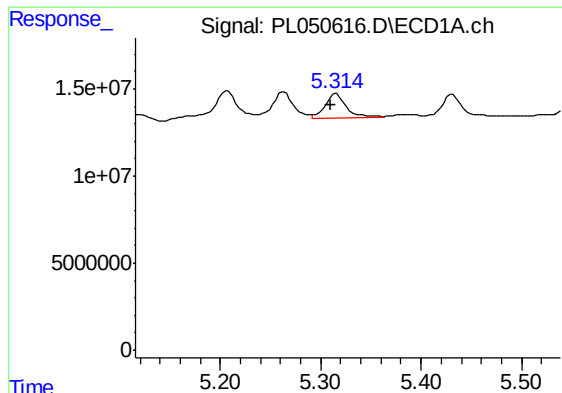
#8 Heptachlor epoxide

R.T.: 4.985 min
Delta R.T.: 0.006 min
Response: 13003435
Conc: 0.88 ng/ml



#8 Heptachlor epoxide

R.T.: 5.797 min
Delta R.T.: 0.004 min
Response: 8211043
Conc: 2.15 ng/ml



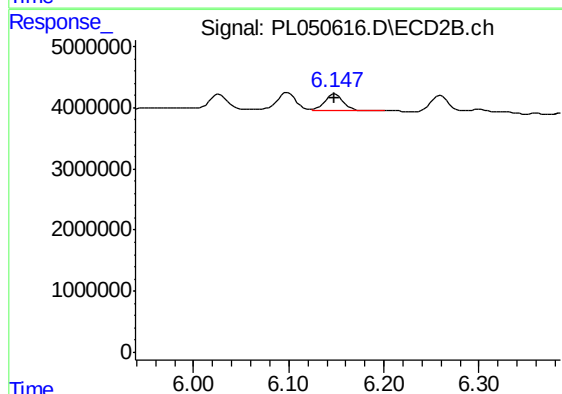
#9 Endosulfan I

R.T.: 5.316 min
Delta R.T.: 0.006 min
Response: 19646522
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

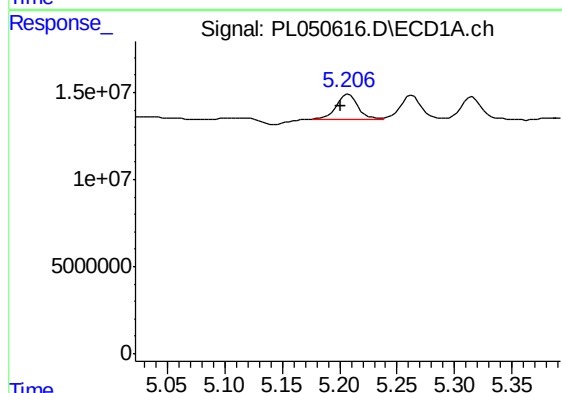
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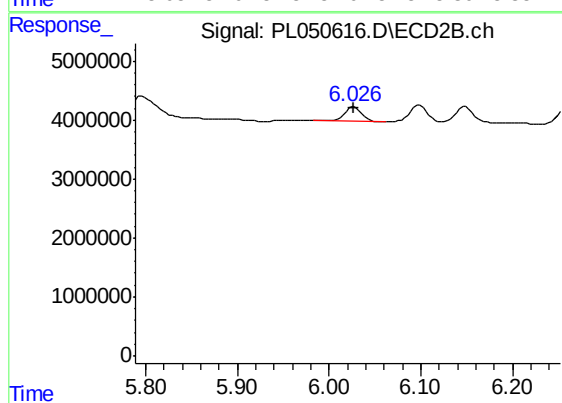
#9 Endosulfan I

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 3659619
Conc: 1.06 ng/ml



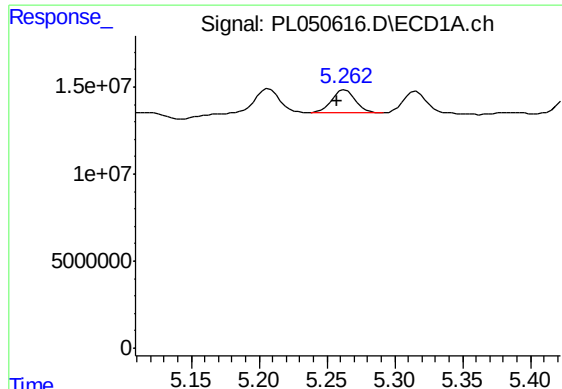
#10 gamma-Chlordane

R.T.: 5.206 min
Delta R.T.: 0.004 min
Response: 18632405
Conc: 1.18 ng/ml m



#10 gamma-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.001 min
Response: 3006349
Conc: 0.81 ng/ml



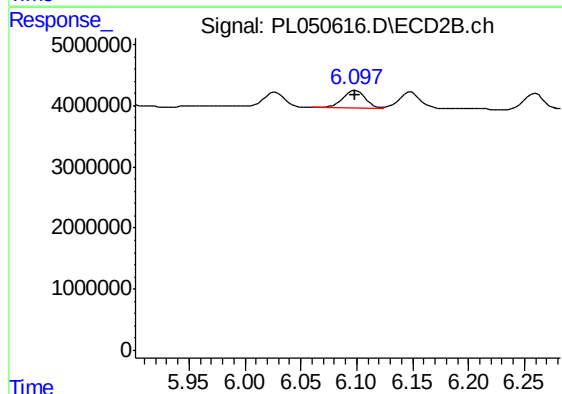
#11 alpha-Chlordane

R.T.: 5.262 min
Delta R.T.: 0.005 min
Response: 15852956
Conc: 1.04 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

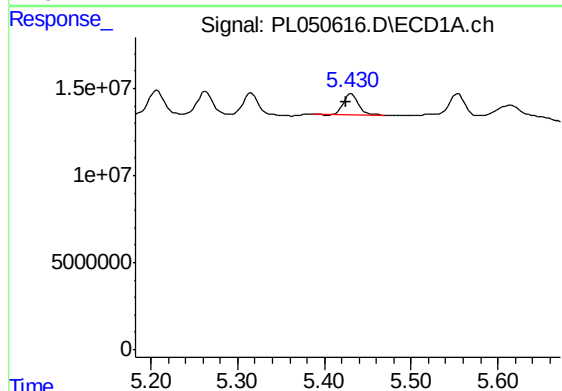
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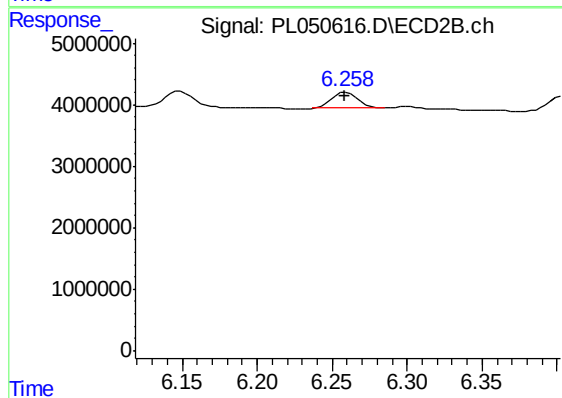
#11 alpha-Chlordane

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 3963231
Conc: 1.08 ng/ml



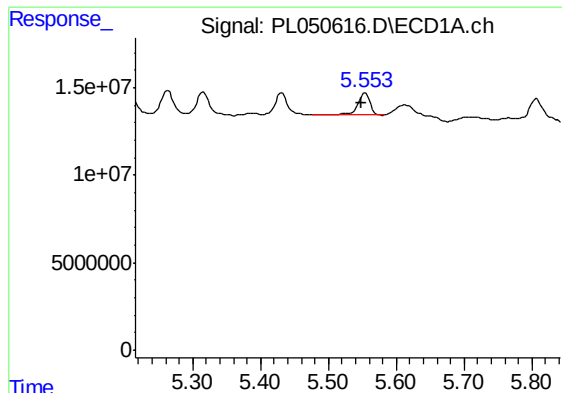
#12 4,4'-DDE

R.T.: 5.431 min
Delta R.T.: 0.006 min
Response: 14322278
Conc: 0.96 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 3106785
Conc: 0.86 ng/ml m



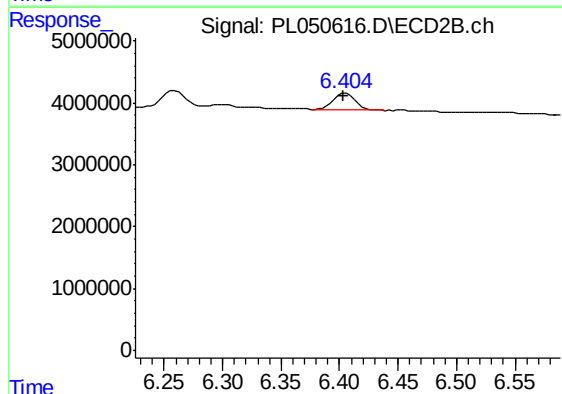
#13 Dieldrin

R.T.: 5.554 min
Delta R.T.: 0.006 min
Response: 16050576
Conc: 1.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

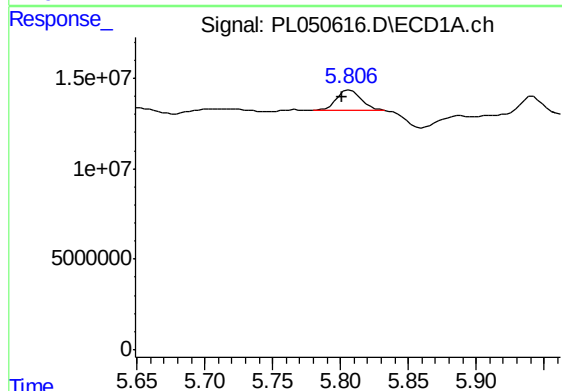
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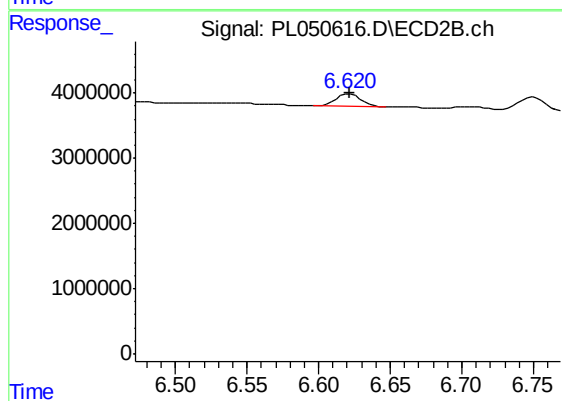
#13 Dieldrin

R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 3357569
Conc: 0.95 ng/ml m



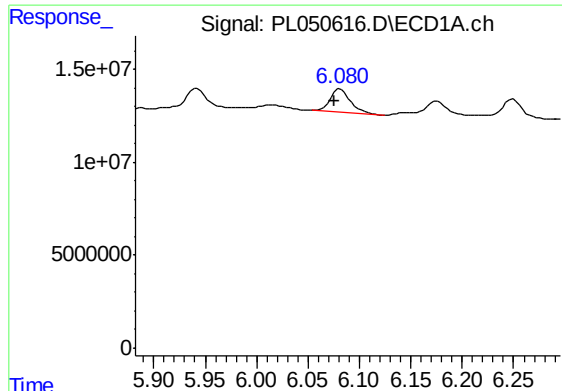
#14 Endrin

R.T.: 5.806 min
Delta R.T.: 0.004 min
Response: 13711682
Conc: 0.93 ng/ml m



#14 Endrin

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 2453137
Conc: 0.79 ng/ml m



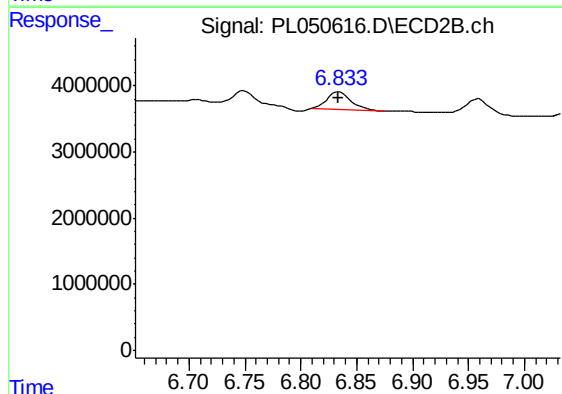
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 17312831
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

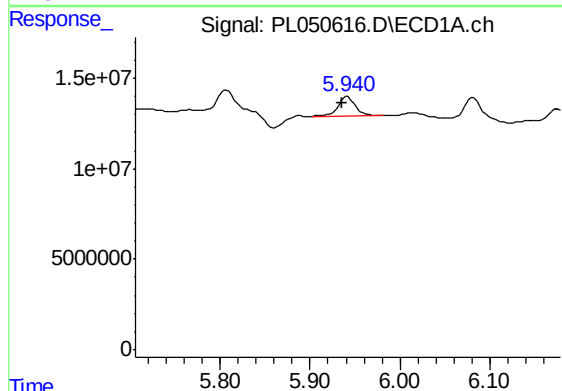
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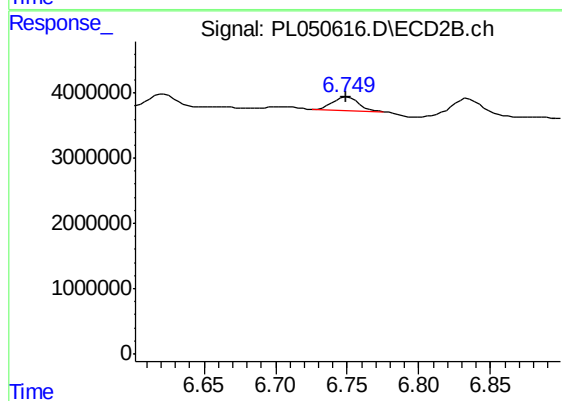
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 4034611
Conc: 1.27 ng/ml m



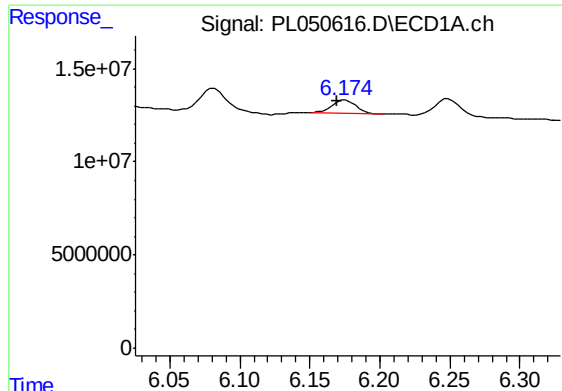
#16 4,4'-DDD

R.T.: 5.942 min
Delta R.T.: 0.007 min
Response: 14628156
Conc: 1.22 ng/ml



#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 2548325
Conc: 0.96 ng/ml m



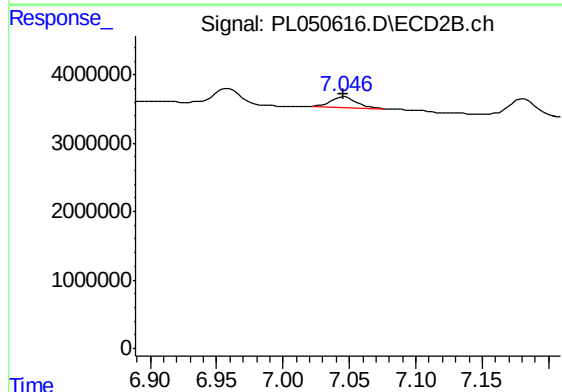
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.005 min
Response: 8396912
Conc: 0.68 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

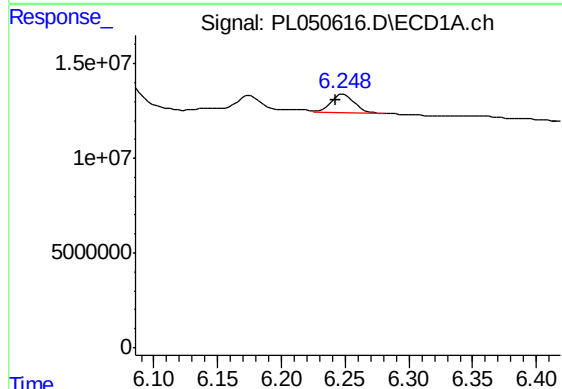
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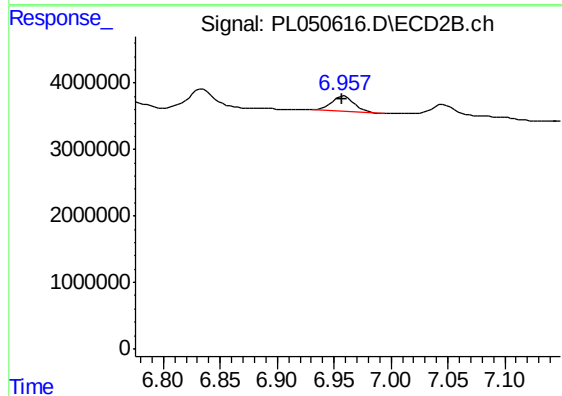
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 1962247
Conc: 0.73 ng/ml m



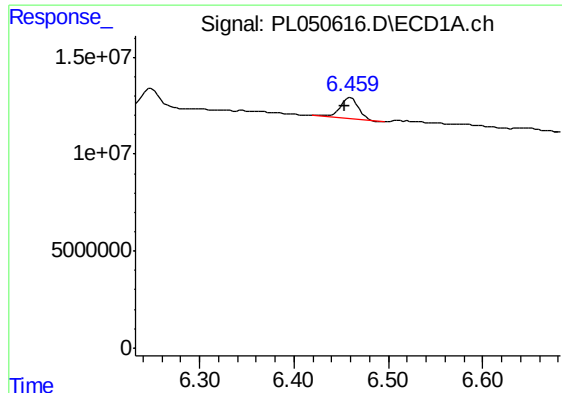
#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: 0.006 min
Response: 13091207
Conc: 1.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 3109276
Conc: 1.14 ng/ml m



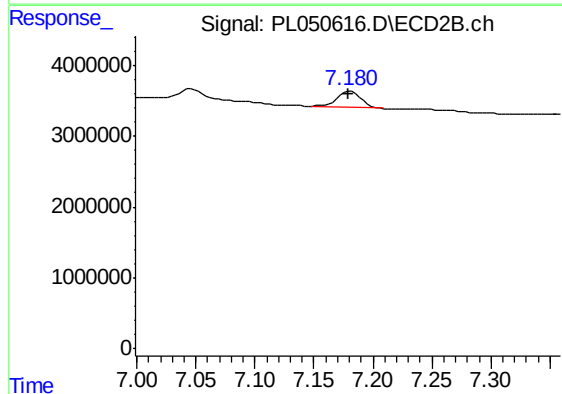
#19 Endosulfan Sulfate

R.T.: 6.460 min
Delta R.T.: 0.006 min
Response: 15242513
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

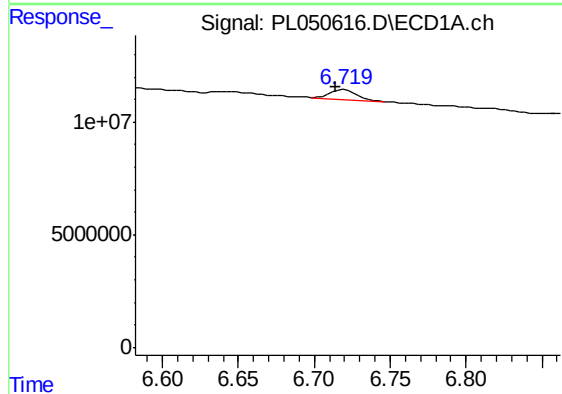
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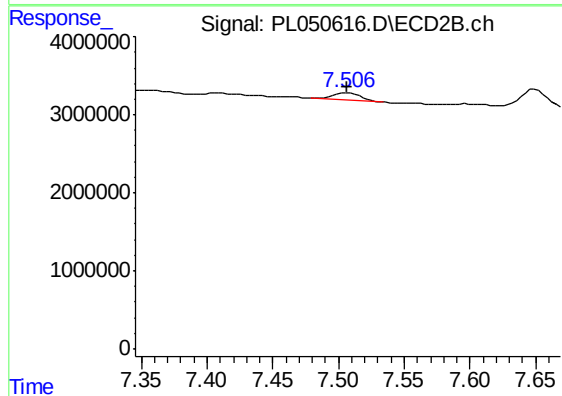
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 3292314
Conc: 1.14 ng/ml m



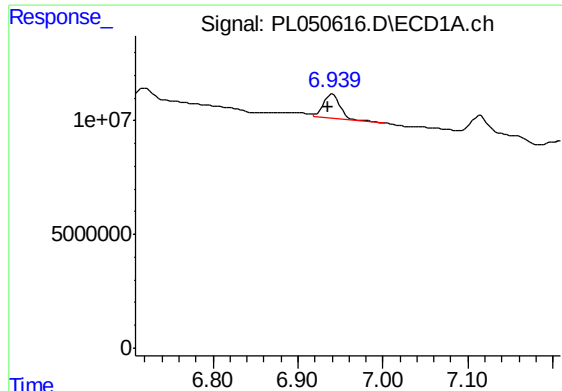
#20 Methoxychlor

R.T.: 6.719 min
Delta R.T.: 0.005 min
Response: 5089587
Conc: 0.82 ng/ml m



#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: -0.001 min
Response: 1436263
Conc: 0.98 ng/ml m



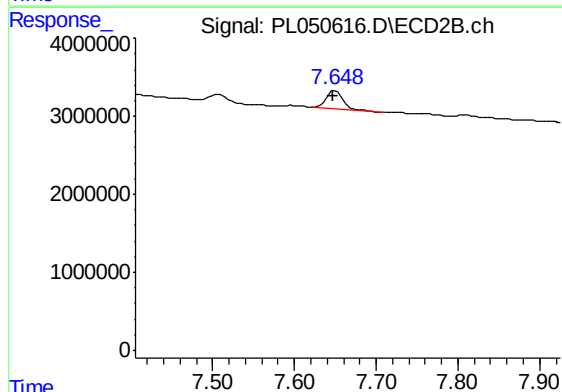
#21 Endrin ketone

R.T.: 6.941 min
Delta R.T.: 0.005 min
Response: 13971826
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

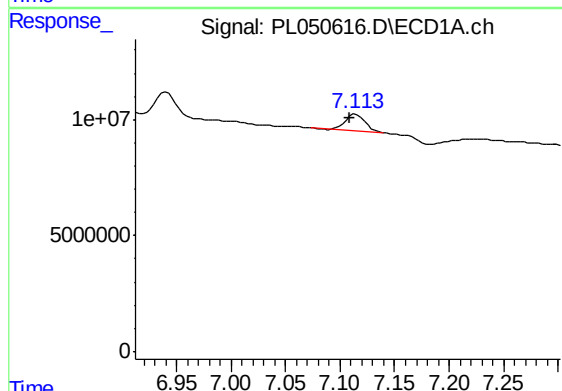
Manual Integrations
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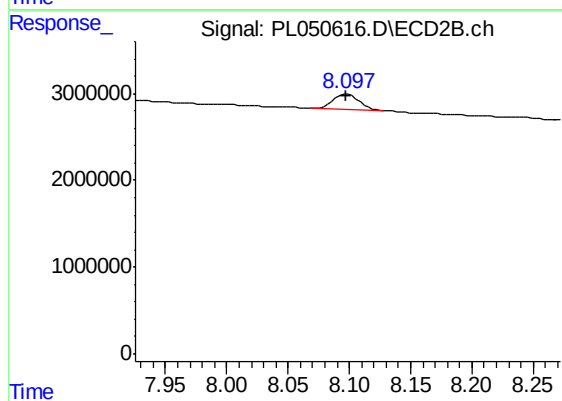
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 2960615
Conc: 1.02 ng/ml



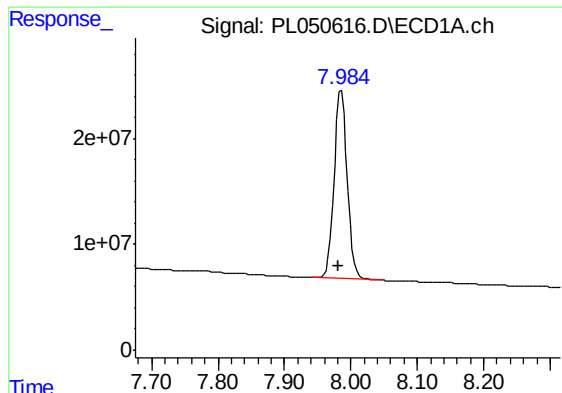
#22 Mirex

R.T.: 7.115 min
Delta R.T.: 0.006 min
Response: 9126922
Conc: 0.93 ng/ml



#22 Mirex

R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 2561860
Conc: 1.12 ng/ml m



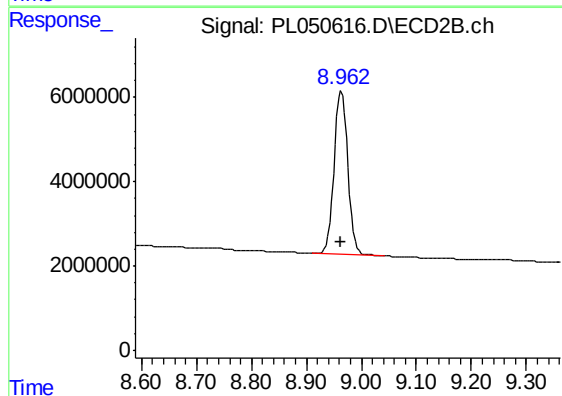
#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: 0.005 min
Response: 243279424
Conc: 24.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations
APPROVED

Ankita
7/22/2019 11:35:06 AM



#28 Decachlorobiphenyl

R.T.: 8.964 min
Delta R.T.: 0.002 min
Response: 67651660
Conc: 23.92 ng/ml