

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100518\  
 Data File : PL040723.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2018 22:55  
 Operator : AJ\SJ  
 Sample : J5164-08  
 Misc : ECD\_L LOQ 10 PPB  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOQ-WATER-02-QT4-2018

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 06 06:38:26 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL0100518.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 06 04:55:11 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|---------|
| -----                       |                 |       |       |          |          |        |         |
| System Monitoring Compounds |                 |       |       |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.208 | 3.804 | 138.6E6  | 53684322 | 15.449 | 16.355  |
| 28)                         | SA Decachlor... | 7.808 | 8.727 | 188.0E6  | 51387880 | 17.386 | 18.249  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.629 | 4.176 | 103.5E6  | 35667557 | 7.257  | 7.371   |
| 3)                          | MA gamma-BHC... | 3.899 | 4.449 | 94837163 | 33512556 | 7.272  | 7.564   |
| 4)                          | MA Heptachlor   | 4.172 | 4.947 | 108.3E6  | 33549237 | 7.558  | 7.886   |
| 5)                          | MB Aldrin       | 4.404 | 5.243 | 93038427 | 30214459 | 7.513  | 7.695   |
| 6)                          | B beta-BHC      | 4.153 | 4.613 | 34261032 | 15653260 | 7.299  | 8.203   |
| 7)                          | B delta-BHC     | 4.338 | 4.821 | 90177538 | 33683758 | 6.900  | 8.224   |
| 8)                          | B Heptachlo...  | 4.834 | 5.620 | 94869545 | 26979747 | 7.880  | 7.971   |
| 9)                          | A Endosulfan I  | 5.157 | 5.967 | 92476616 | 27079440 | 7.883  | 8.014   |
| 10)                         | B gamma-Chl...  | 5.053 | 5.850 | 101.0E6  | 27919094 | 7.832  | 7.970   |
| 11)                         | B alpha-Chl...  | 5.107 | 5.922 | 98627242 | 28828171 | 7.935  | 8.033   |
| 12)                         | B 4,4'-DDE      | 5.277 | 6.081 | 100.3E6  | 28510441 | 7.855  | 7.934   |
| 13)                         | MA Dieldrin     | 5.393 | 6.218 | 97578704 | 27769911 | 7.639  | 7.773   |
| 14)                         | MA Endrin       | 5.641 | 6.430 | 94864207 | 24945123 | 7.868m | 7.794   |
| 15)                         | B Endosulfa...  | 5.917 | 6.632 | 96191254 | 25500617 | 8.369  | 2.639m# |
| 16)                         | A 4,4'-DDD      | 5.782 | 6.559 | 85134856 | 22018843 | 8.861  | 7.996   |
| 17)                         | MA 4,4'-DDT     | 6.013 | 6.855 | 75156763 | 23263602 | 7.320  | 7.622   |
| 18)                         | B Endrin al...  | 6.083 | 6.756 | 76379437 | 22183909 | 7.936  | 8.288   |
| 19)                         | B Endosulfa...  | 6.293 | 6.977 | 88827713 | 24001179 | 8.175  | 8.225   |
| 20)                         | A Methoxychlor  | 6.559 | 7.312 | 45709897 | 13184961 | 8.183  | 8.280   |
| 21)                         | B Endrin ke...  | 6.767 | 7.435 | 100.7E6  | 24717631 | 8.334  | 8.096   |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100518\  
Data File : PL040723.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2018 22:55  
Operator : AJ\SJ  
Sample : J5164-08  
Misc : ECD\_L LOQ 10 PPB  
ALS Vial : 25 Sample Multiplier: 1

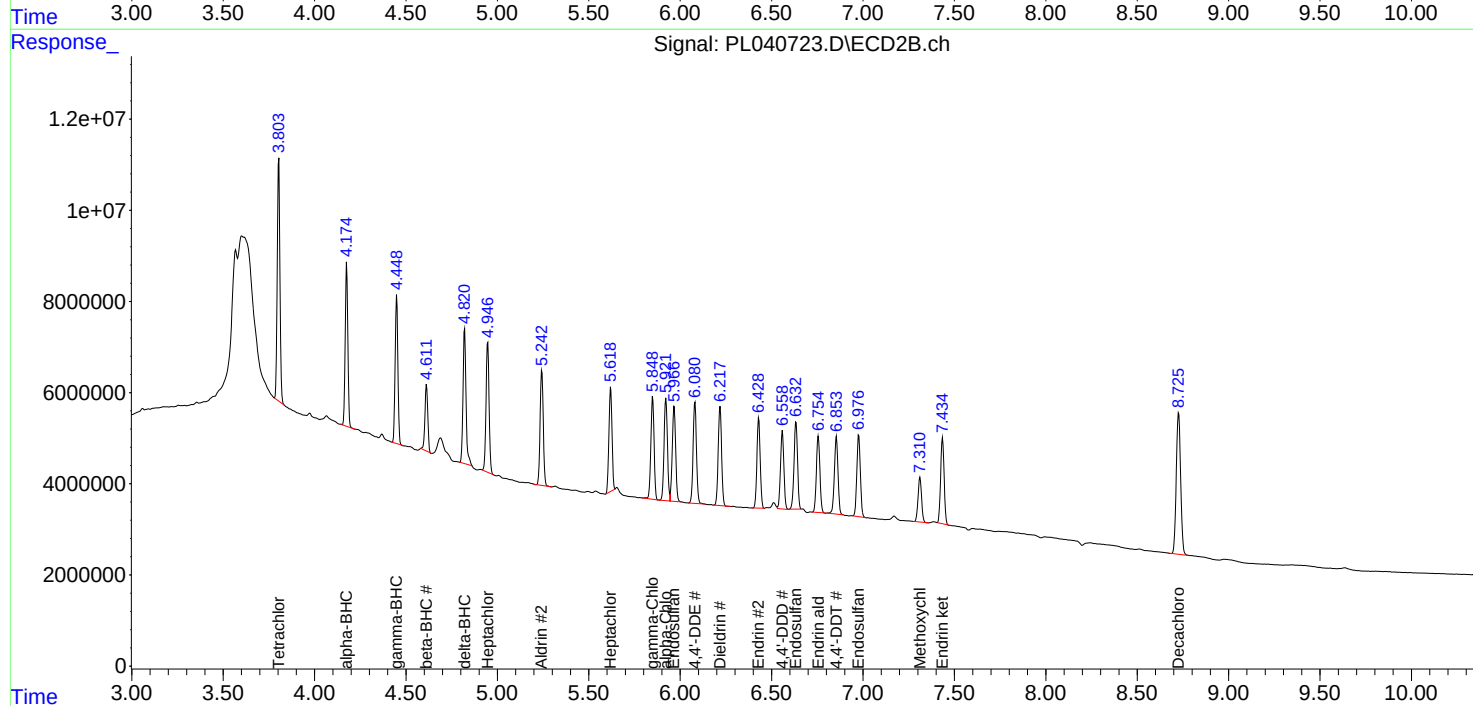
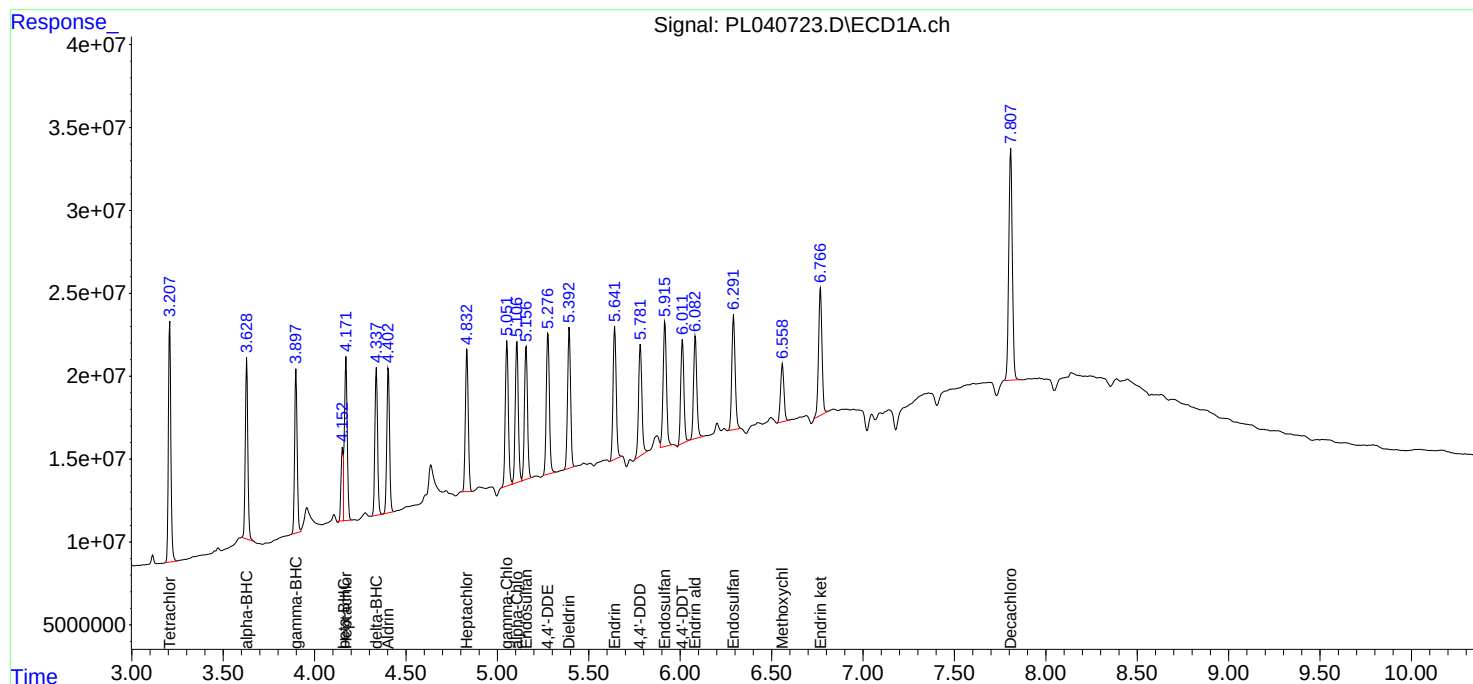
Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

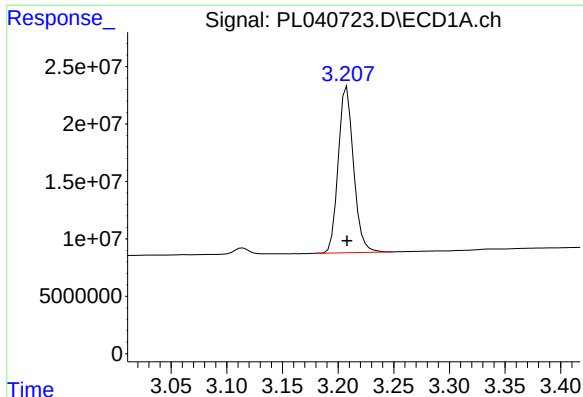
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 06 06:38:26 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL0100518.M  
Quant Title : GC Extractables  
QLast Update : Sat Oct 06 04:55:11 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





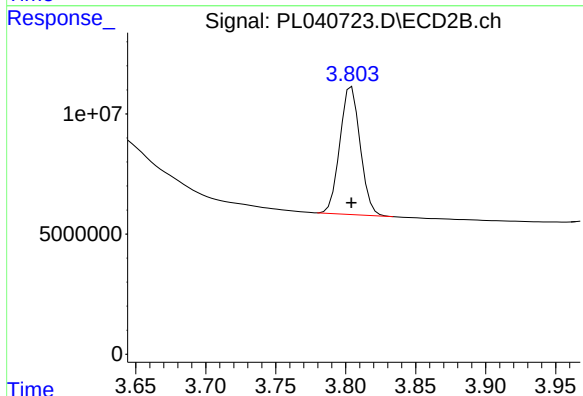
#1 Tetrachloro-m-xylene

R.T.: 3.208 min  
Delta R.T.: 0.000 min  
Response: 138604874  
Conc: 15.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

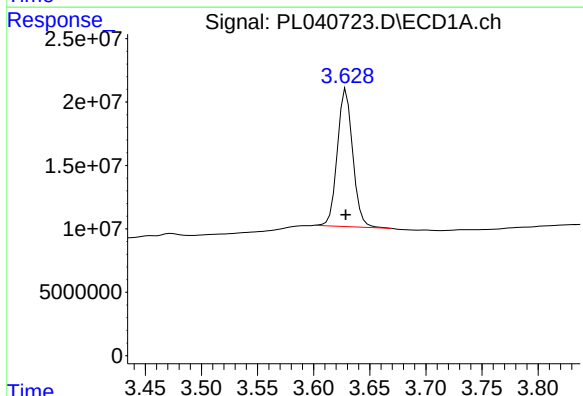
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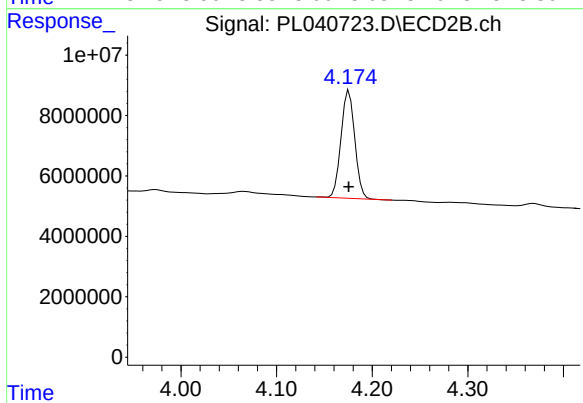
#1 Tetrachloro-m-xylene

R.T.: 3.804 min  
Delta R.T.: 0.000 min  
Response: 53684322  
Conc: 16.35 ng/ml



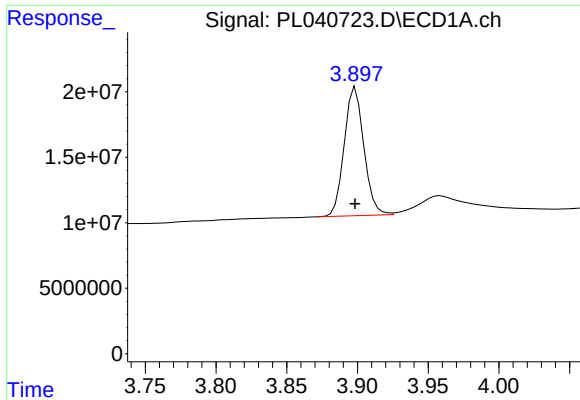
#2 alpha-BHC

R.T.: 3.629 min  
Delta R.T.: 0.000 min  
Response: 103513450  
Conc: 7.26 ng/ml



#2 alpha-BHC

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 35667557  
Conc: 7.37 ng/ml



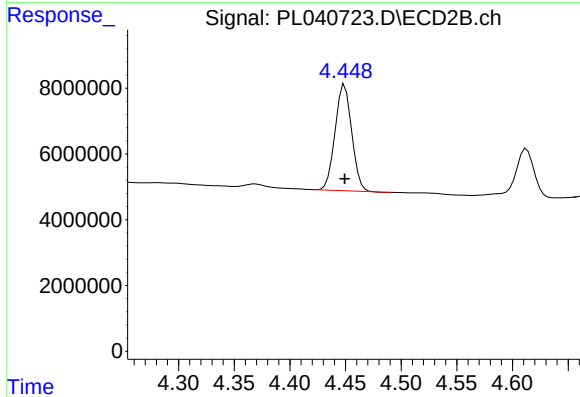
#3 gamma-BHC (Lindane)

R.T.: 3.899 min  
Delta R.T.: 0.000 min  
Response: 94837163  
Conc: 7.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

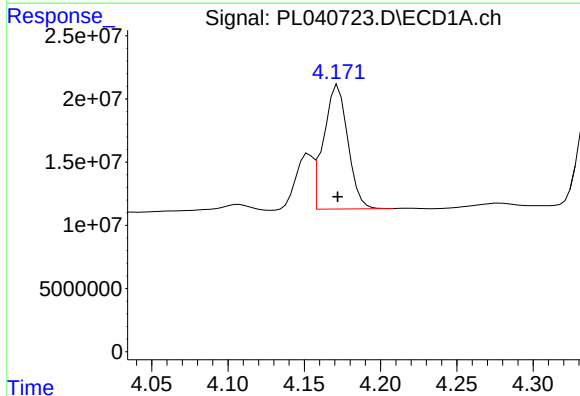
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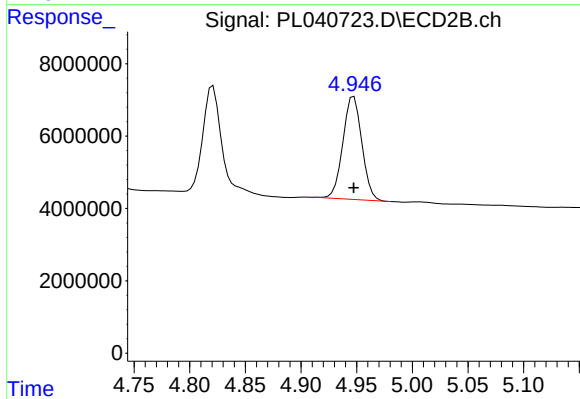
#3 gamma-BHC (Lindane)

R.T.: 4.449 min  
Delta R.T.: 0.000 min  
Response: 33512556  
Conc: 7.56 ng/ml



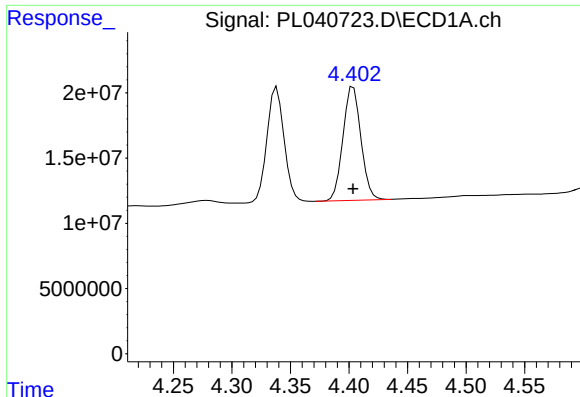
#4 Heptachlor

R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 108346802  
Conc: 7.56 ng/ml



#4 Heptachlor

R.T.: 4.947 min  
Delta R.T.: 0.000 min  
Response: 33549237  
Conc: 7.89 ng/ml



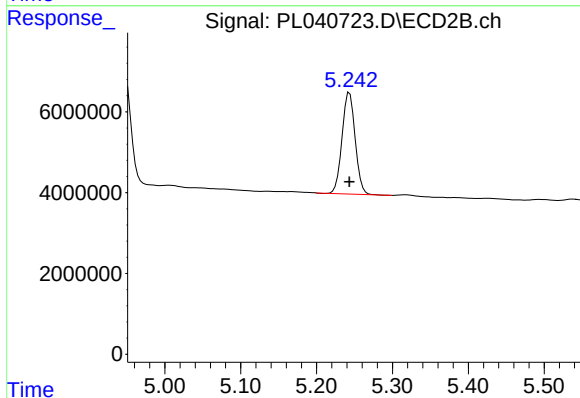
#5 Aldrin

R.T.: 4.404 min  
Delta R.T.: 0.000 min  
Response: 93038427  
Conc: 7.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

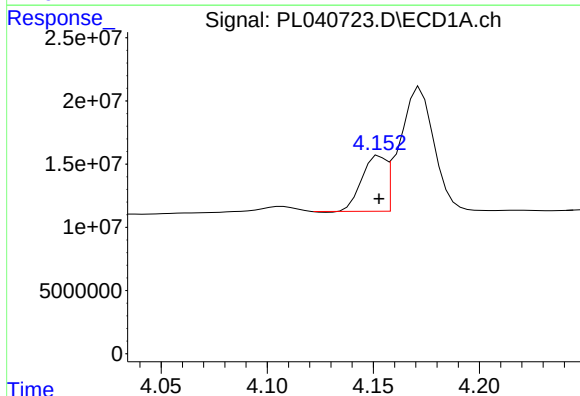
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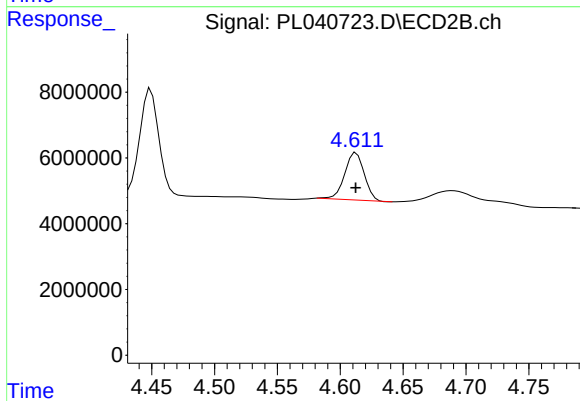
#5 Aldrin

R.T.: 5.243 min  
Delta R.T.: 0.000 min  
Response: 30214459  
Conc: 7.69 ng/ml



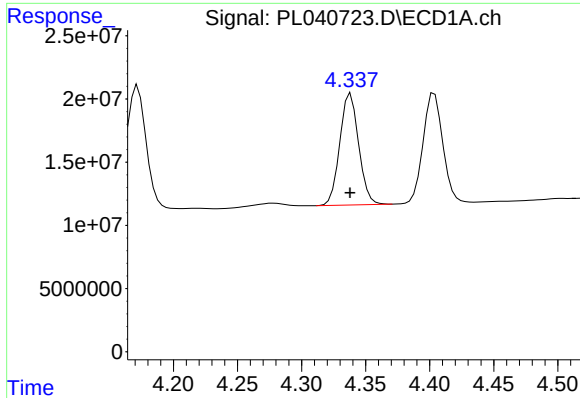
#6 beta-BHC

R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 34261032  
Conc: 7.30 ng/ml



#6 beta-BHC

R.T.: 4.613 min  
Delta R.T.: 0.000 min  
Response: 15653260  
Conc: 8.20 ng/ml



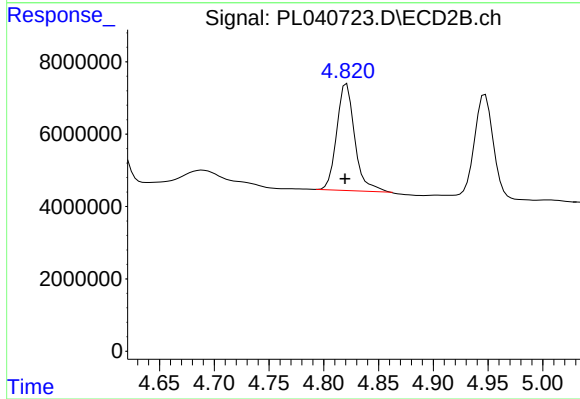
#7 delta-BHC

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 90177538  
Conc: 6.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

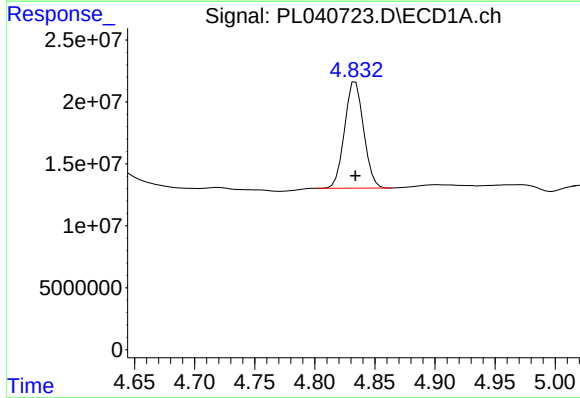
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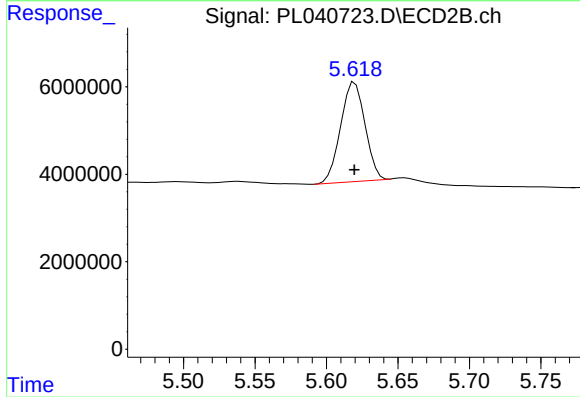
#7 delta-BHC

R.T.: 4.821 min  
Delta R.T.: 0.002 min  
Response: 33683758  
Conc: 8.22 ng/ml



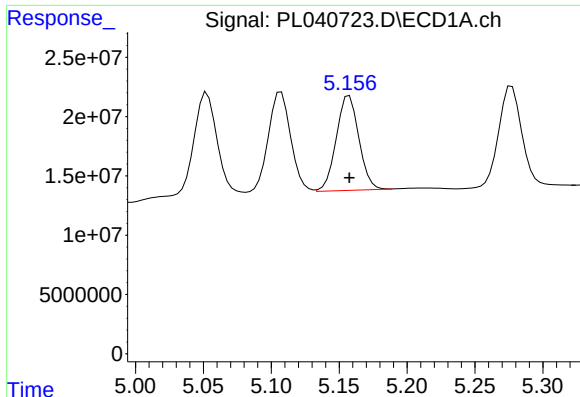
#8 Heptachlor epoxide

R.T.: 4.834 min  
Delta R.T.: 0.000 min  
Response: 94869545  
Conc: 7.88 ng/ml



#8 Heptachlor epoxide

R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 26979747  
Conc: 7.97 ng/ml



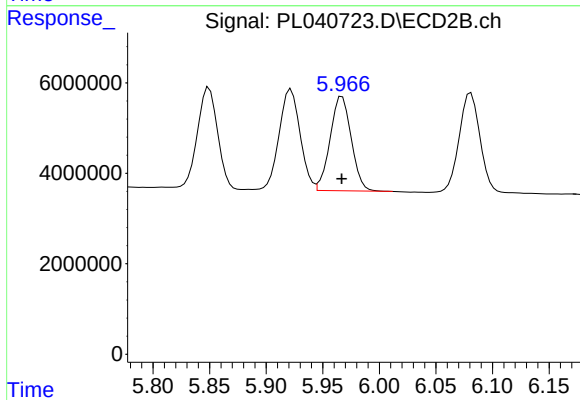
#9 Endosulfan I

R.T.: 5.157 min  
Delta R.T.: 0.000 min  
Response: 92476616  
Conc: 7.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

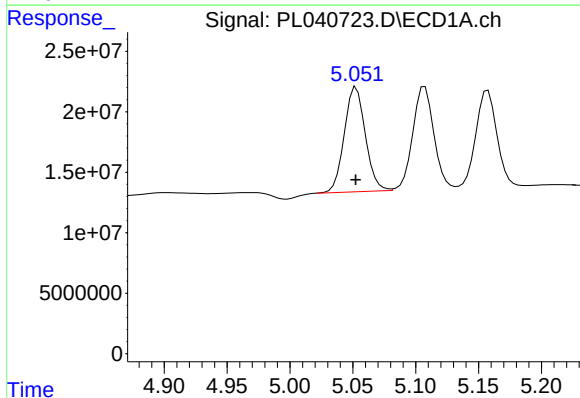
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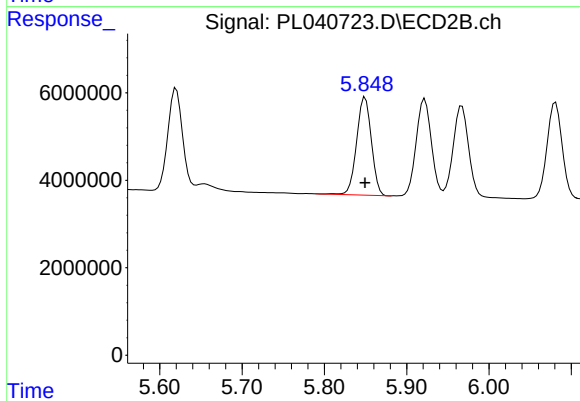
#9 Endosulfan I

R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 27079440  
Conc: 8.01 ng/ml



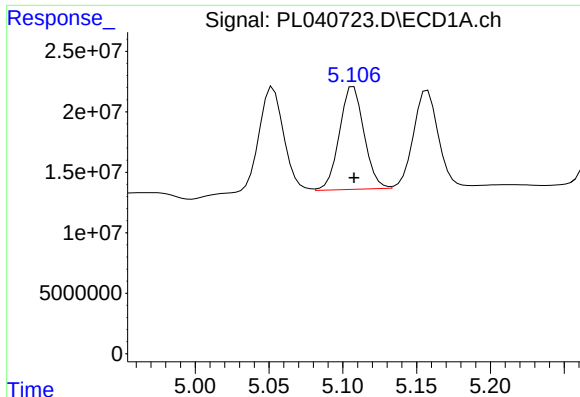
#10 gamma-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.000 min  
Response: 100991007  
Conc: 7.83 ng/ml



#10 gamma-Chlordane

R.T.: 5.850 min  
Delta R.T.: 0.000 min  
Response: 27919094  
Conc: 7.97 ng/ml



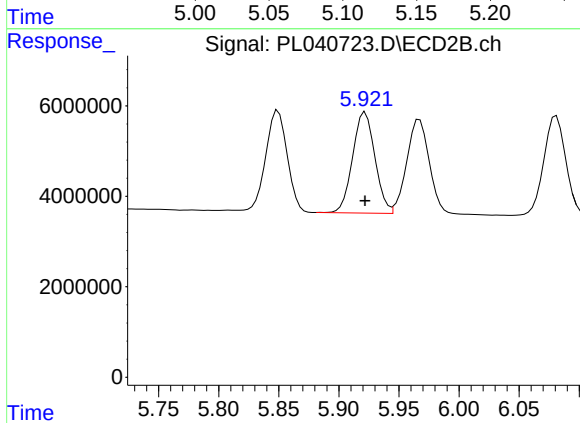
#11 alpha-Chlordane

R.T.: 5.107 min  
Delta R.T.: 0.000 min  
Response: 98627242  
Conc: 7.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

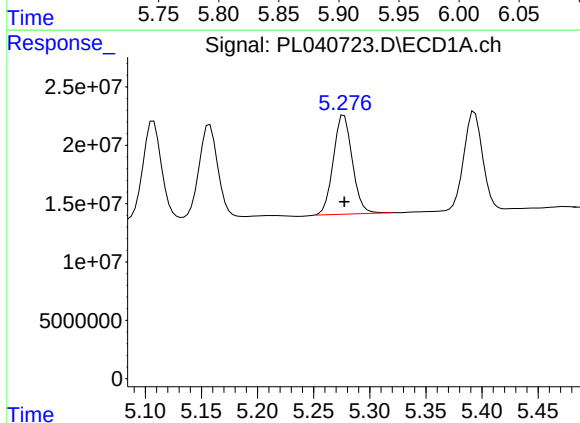
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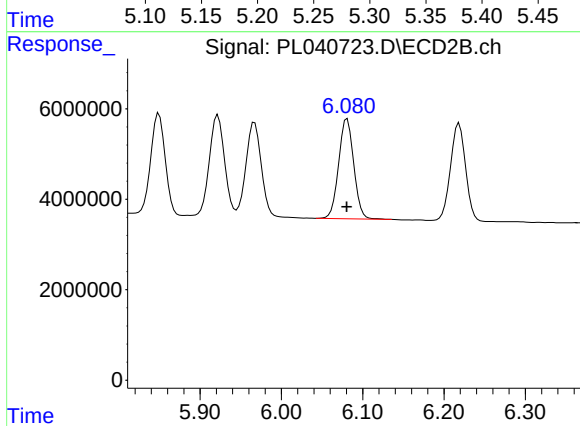
#11 alpha-Chlordane

R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 28828171  
Conc: 8.03 ng/ml



#12 4,4'-DDE

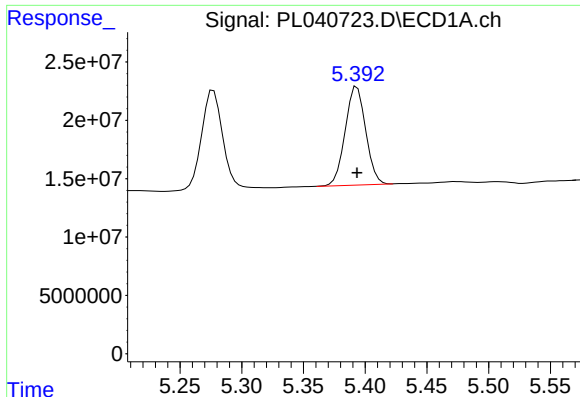
R.T.: 5.277 min  
Delta R.T.: 0.000 min  
Response: 100314825  
Conc: 7.85 ng/ml



#12 4,4'-DDE

R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 28510441  
Conc: 7.93 ng/ml





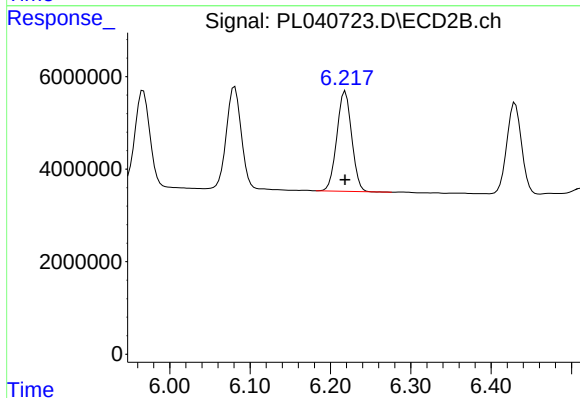
#13 Dieldrin

R.T.: 5.393 min  
Delta R.T.: 0.000 min  
Response: 97578704  
Conc: 7.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

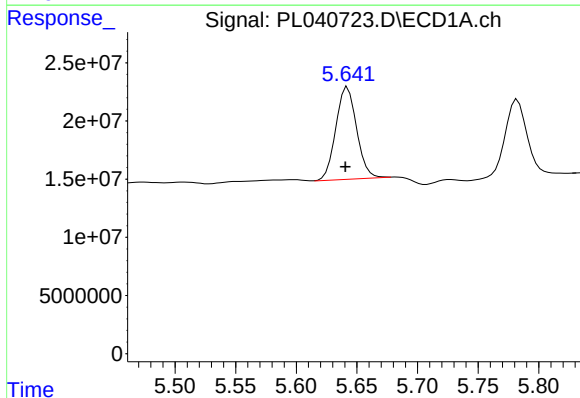
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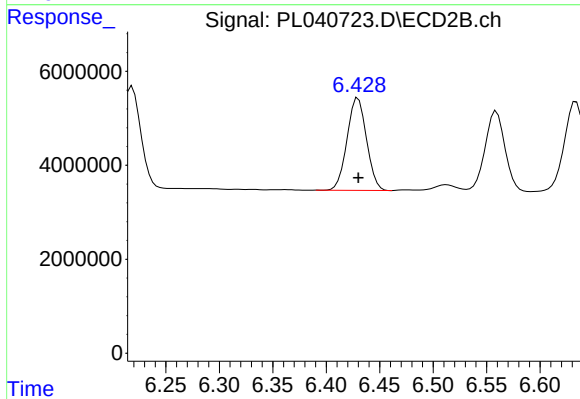
#13 Dieldrin

R.T.: 6.218 min  
Delta R.T.: 0.000 min  
Response: 27769911  
Conc: 7.77 ng/ml



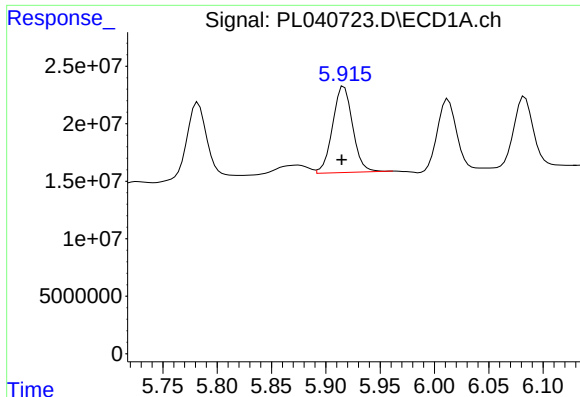
#14 Endrin

R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 94864207  
Conc: 7.87 ng/ml m



#14 Endrin

R.T.: 6.430 min  
Delta R.T.: 0.000 min  
Response: 24945123  
Conc: 7.79 ng/ml



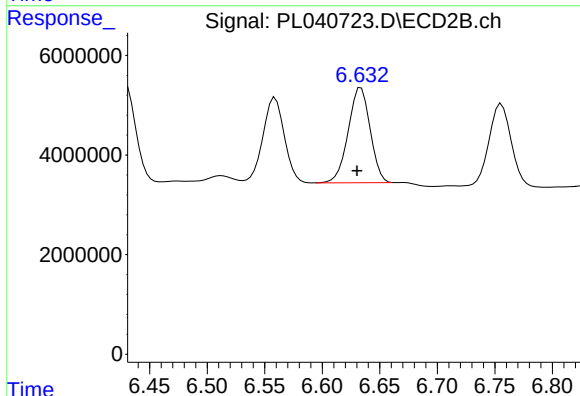
#15 Endosulfan II

R.T.: 5.917 min  
Delta R.T.: 0.002 min  
Response: 96191254  
Conc: 8.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

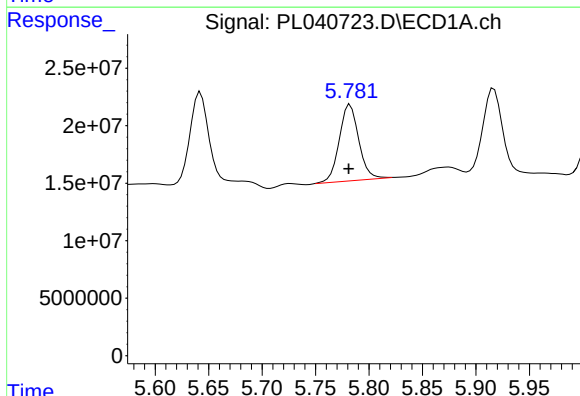
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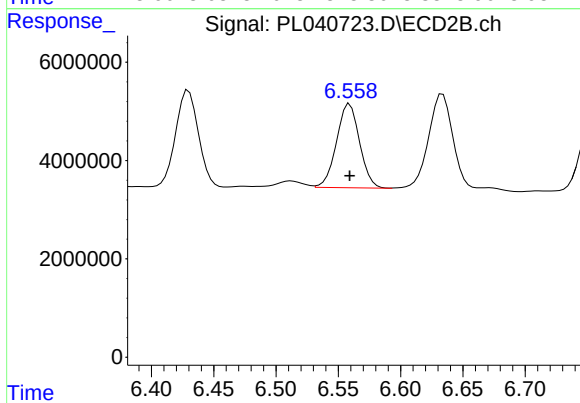
#15 Endosulfan II

R.T.: 6.632 min  
Delta R.T.: 0.002 min  
Response: 25500617  
Conc: 2.64 ng/ml m



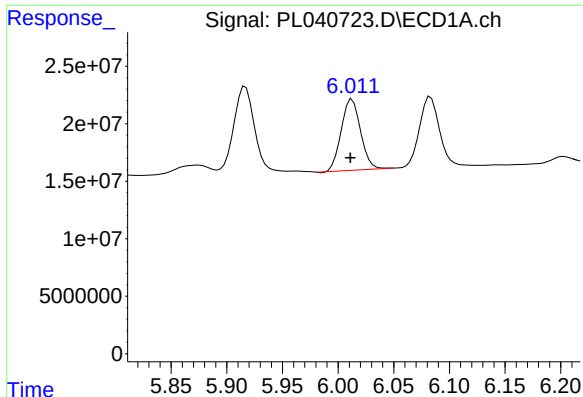
#16 4,4'-DDD

R.T.: 5.782 min  
Delta R.T.: 0.001 min  
Response: 85134856  
Conc: 8.86 ng/ml



#16 4,4'-DDD

R.T.: 6.559 min  
Delta R.T.: 0.000 min  
Response: 22018843  
Conc: 8.00 ng/ml



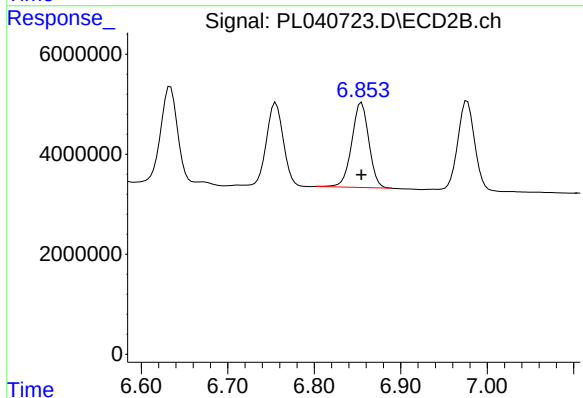
#17 4,4'-DDT

R.T.: 6.013 min  
Delta R.T.: 0.001 min  
Response: 75156763  
Conc: 7.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

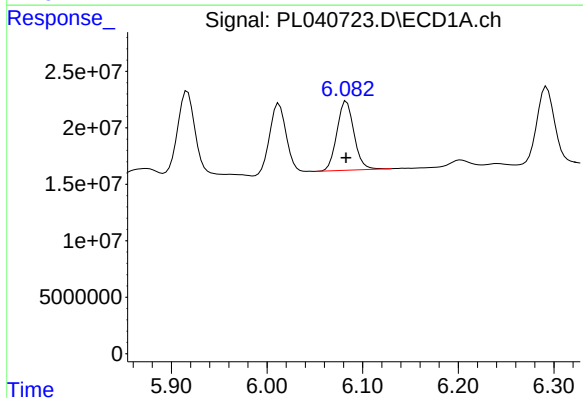
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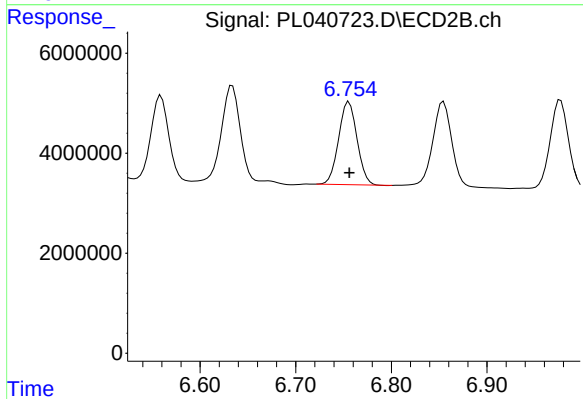
#17 4,4'-DDT

R.T.: 6.855 min  
Delta R.T.: 0.000 min  
Response: 23263602  
Conc: 7.62 ng/ml



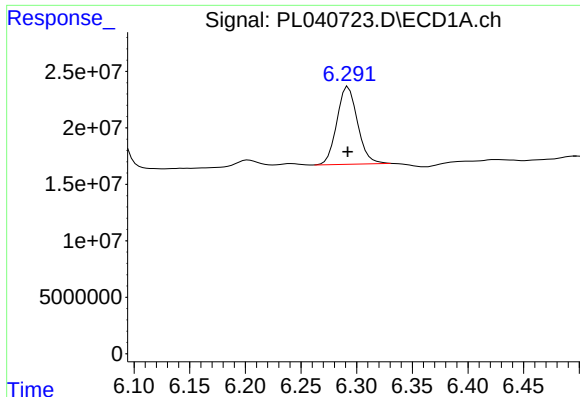
#18 Endrin aldehyde

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 76379437  
Conc: 7.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 22183909  
Conc: 8.29 ng/ml



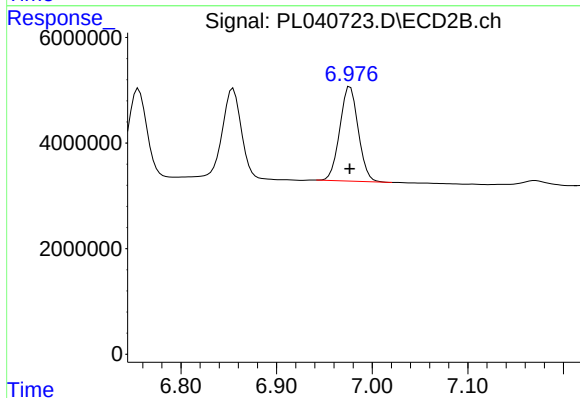
#19 Endosulfan Sulfate

R.T.: 6.293 min  
Delta R.T.: 0.000 min  
Response: 88827713  
Conc: 8.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

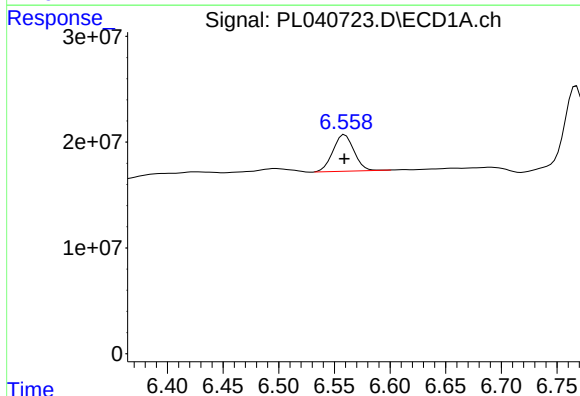
Manual Integrations  
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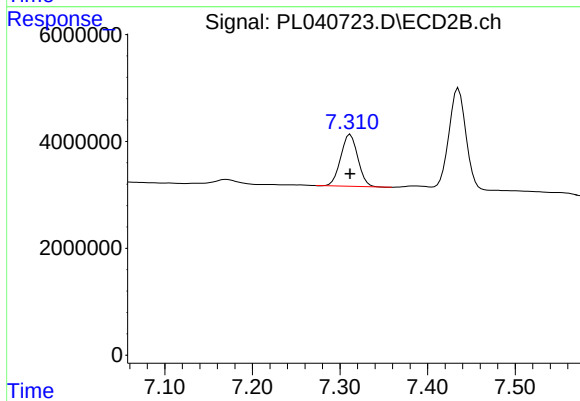
#19 Endosulfan Sulfate

R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 24001179  
Conc: 8.22 ng/ml



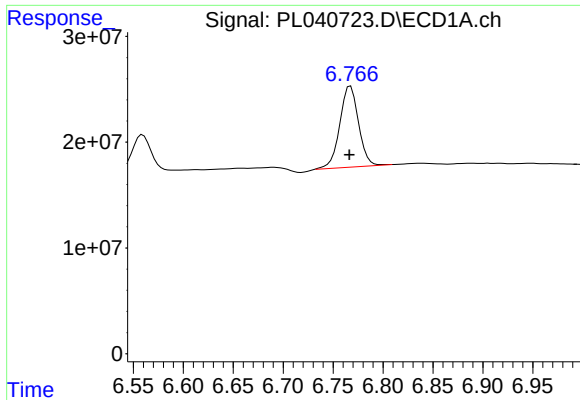
#20 Methoxychlor

R.T.: 6.559 min  
Delta R.T.: 0.000 min  
Response: 45709897  
Conc: 8.18 ng/ml



#20 Methoxychlor

R.T.: 7.312 min  
Delta R.T.: 0.000 min  
Response: 13184961  
Conc: 8.28 ng/ml



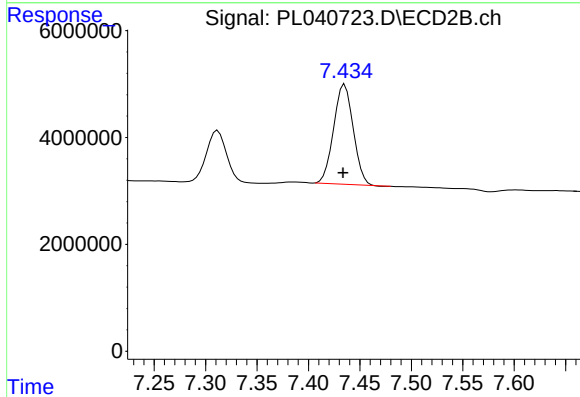
#21 Endrin ketone

R.T.: 6.767 min  
Delta R.T.: 0.001 min  
Response: 100664580  
Conc: 8.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT4-2018

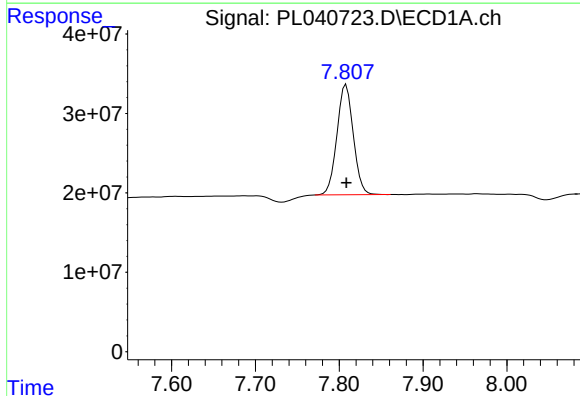
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:53:37 AM



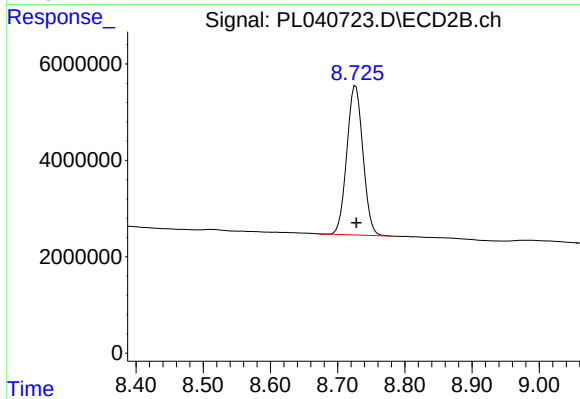
#21 Endrin ketone

R.T.: 7.435 min  
Delta R.T.: 0.002 min  
Response: 24717631  
Conc: 8.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.808 min  
Delta R.T.: 0.000 min  
Response: 188011947  
Conc: 17.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.727 min  
Delta R.T.: 0.000 min  
Response: 51387880  
Conc: 18.25 ng/ml