

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102820\  
 Data File : PL062640.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2020 12:45  
 Operator : DD\AJ  
 Sample : WATER IDOC 01  
 Misc : IDOC FOR ABDUL RAUF(PB132650)  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WATER IDOC 01

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 06:28:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 2020  
 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... | 3.412 | 3.952 | 31120867 | 56483729 | 18.093 | 19.221  |
| 28)                         | SA Decachlor... | 8.127 | 8.990 | 35494526 | 48465259 | 22.125 | 23.156  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.844 | 4.338 | 118.9E6  | 227.3E6  | 46.630 | 51.168  |
| 3)                          | MA gamma-BHC... | 4.123 | 4.620 | 106.9E6  | 210.5E6  | 46.128 | 50.414  |
| 4)                          | MA Heptachlor   | 4.420 | 5.126 | 98004526 | 196.7E6  | 45.673 | 49.323  |
| 5)                          | MB Aldrin       | 4.664 | 5.429 | 89921370 | 185.9E6  | 47.110 | 51.359  |
| 6)                          | B beta-BHC      | 4.373 | 4.792 | 44559670 | 90628026 | 46.650 | 48.129  |
| 7)                          | B delta-BHC     | 4.573 | 5.006 | 102.0E6  | 195.8E6  | 46.935 | 55.945  |
| 8)                          | B Heptachlo...  | 5.104 | 5.814 | 87889968 | 173.4E6  | 48.170 | 53.552  |
| 9)                          | A Endosulfan I  | 5.438 | 6.169 | 81342464 | 156.6E6  | 48.661 | 49.638  |
| 10)                         | B gamma-Chl...  | 5.328 | 6.048 | 86176401 | 168.8E6  | 47.834 | 50.142  |
| 11)                         | B alpha-Chl...  | 5.386 | 6.120 | 86239958 | 168.9E6  | 47.705 | 50.150  |
| 12)                         | B 4,4'-DDE      | 5.551 | 6.278 | 79233300 | 162.2E6  | 47.891 | 50.339  |
| 13)                         | MA Dieldrin     | 5.679 | 6.426 | 84617315 | 160.3E6  | 47.888 | 50.079  |
| 14)                         | MA Endrin       | 5.934 | 6.643 | 70143606 | 125.1E6  | 42.159 | 44.809  |
| 15)                         | B Endosulfa...  | 6.206 | 6.853 | 79337045 | 139.4E6  | 48.123 | 48.753  |
| 16)                         | A 4,4'-DDD      | 6.063 | 6.768 | 73621800 | 140.2E6  | 52.048 | 54.783  |
| 17)                         | MA 4,4'-DDT     | 6.302 | 7.065 | 56852944 | 103.6E6  | 42.600 | 46.143m |
| 18)                         | B Endrin al...  | 6.373 | 6.975 | 70750090 | 120.6E6  | 48.723 | 52.875m |
| 19)                         | B Endosulfa...  | 6.586 | 7.200 | 79410544 | 129.6E6  | 48.121 | 54.025  |
| 20)                         | A Methoxychlor  | 6.846 | 7.526 | 35095709 | 56584921 | 40.748 | 45.799  |
| 21)                         | B Endrin ke...  | 7.072 | 7.669 | 96780193 | 141.0E6  | 53.677 | 59.503  |
| 22)                         | Mirex           | 7.258 | 8.122 | 70574861 | 95463051 | 49.782 | 56.020  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102820\  
Data File : PL062640.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2020 12:45  
Operator : DD\AJ  
Sample : WATER IDOC 01  
Misc : IDOC FOR ABDUL RAUF(PB132650)  
ALS Vial : 11 Sample Multiplier: 1

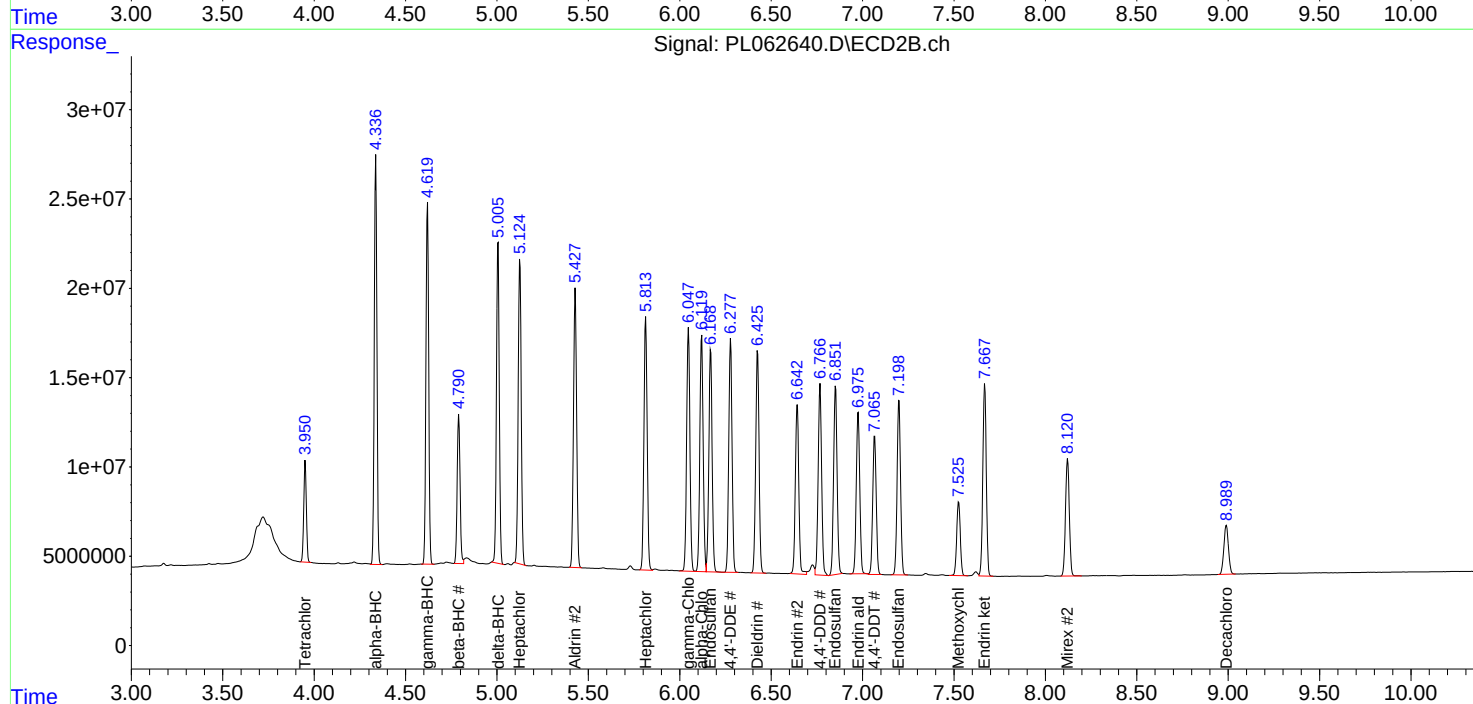
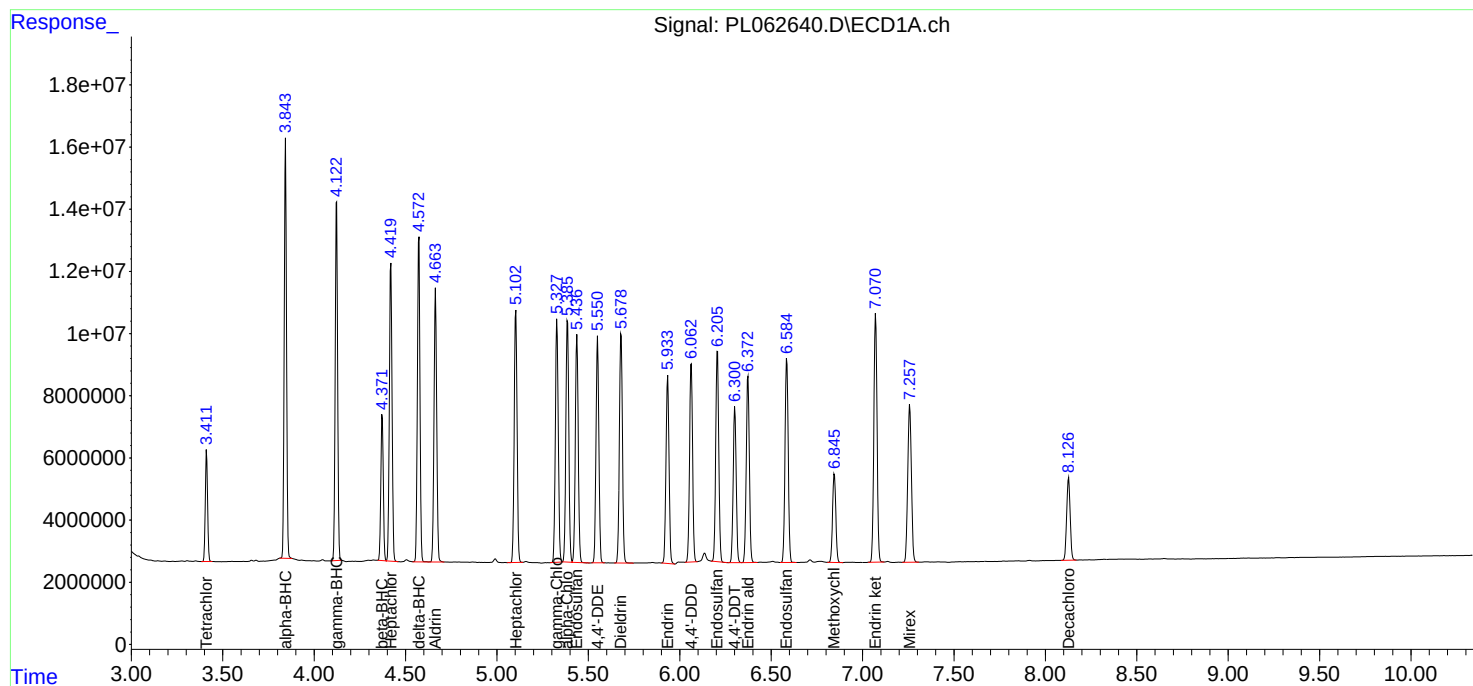
Instrument :  
ECD\_L  
ClientSampled :  
WATER IDOC 01

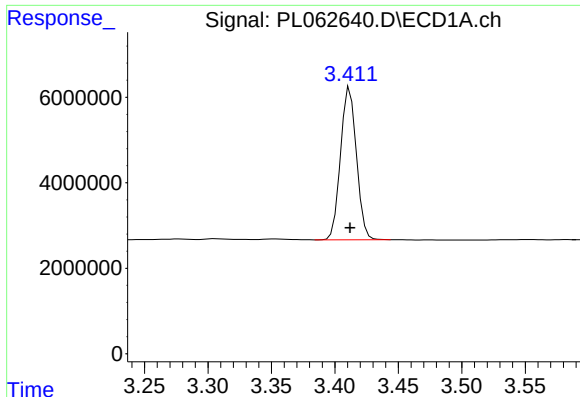
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 06:28:02 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 2020  
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





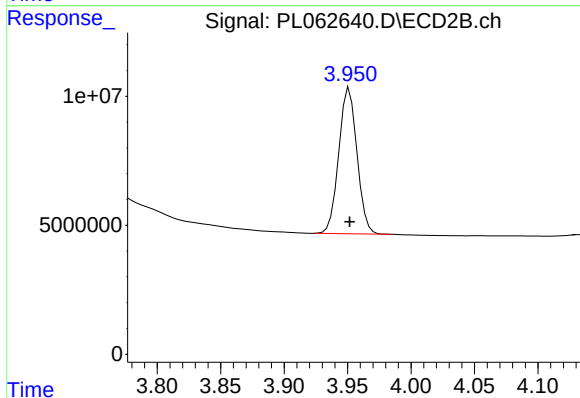
#1 Tetrachloro-m-xylene

R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 31120867  
Conc: 18.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

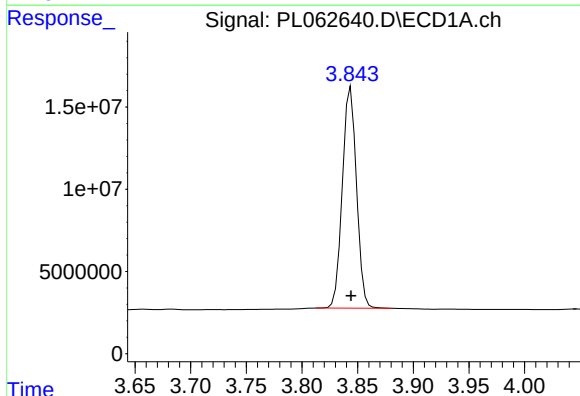
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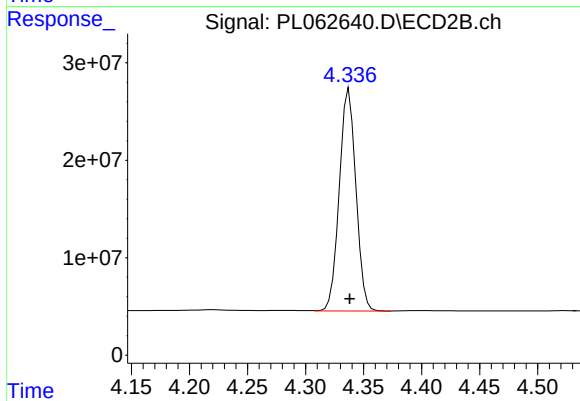
#1 Tetrachloro-m-xylene

R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 56483729  
Conc: 19.22 ng/ml



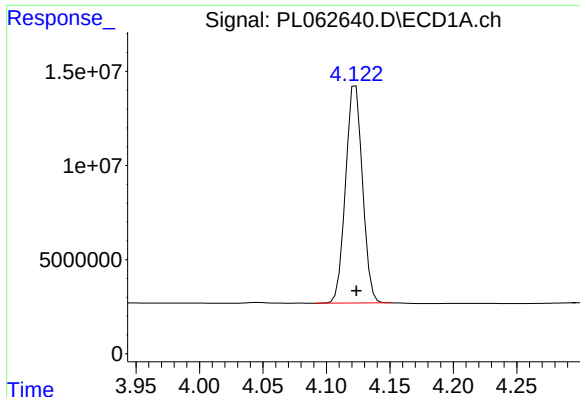
#2 alpha-BHC

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 118891889  
Conc: 46.63 ng/ml



#2 alpha-BHC

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 227348975  
Conc: 51.17 ng/ml



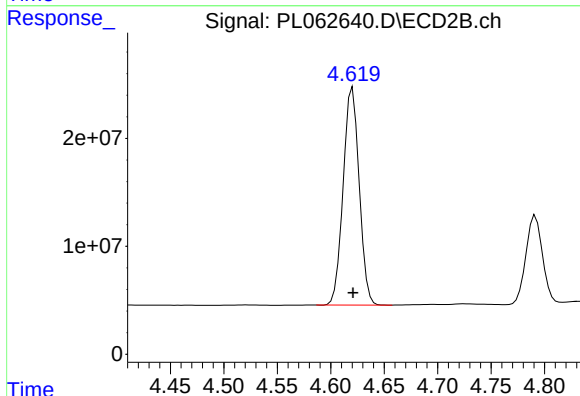
#3 gamma-BHC (Lindane)

R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 106864249  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

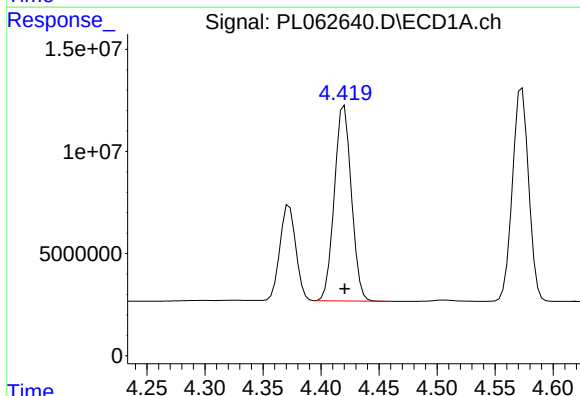
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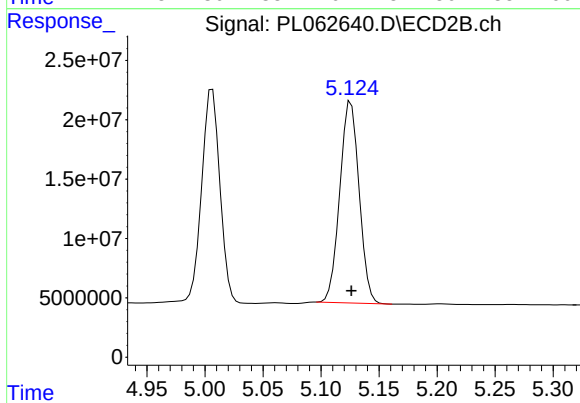
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: 0.000 min  
Response: 210513403  
Conc: 50.41 ng/ml



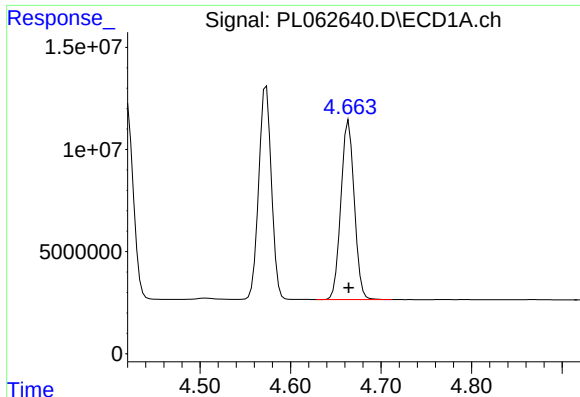
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 98004526  
Conc: 45.67 ng/ml



#4 Heptachlor

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 196695547  
Conc: 49.32 ng/ml



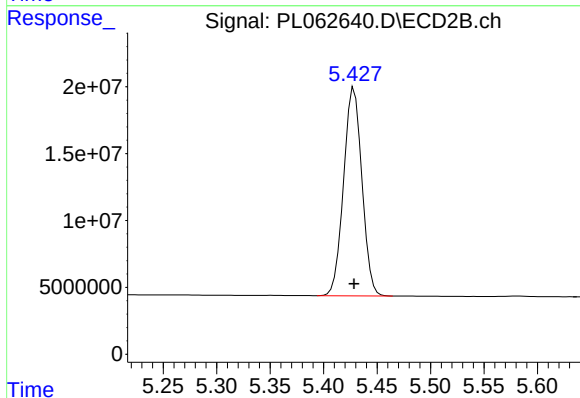
#5 Aldrin

R.T.: 4.664 min  
Delta R.T.: 0.000 min  
Response: 89921370  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

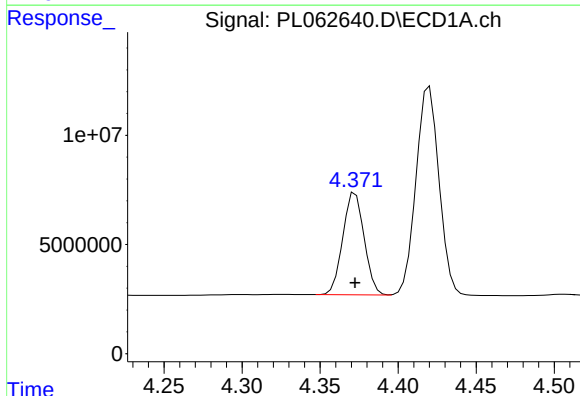
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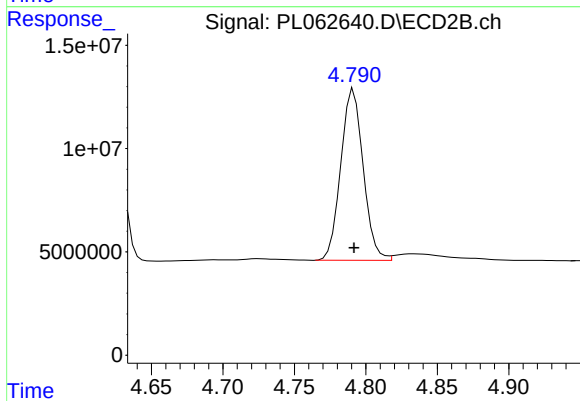
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 185891590  
Conc: 51.36 ng/ml



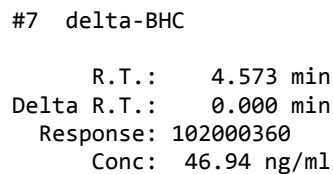
#6 beta-BHC

R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 44559670  
Conc: 46.65 ng/ml



#6 beta-BHC

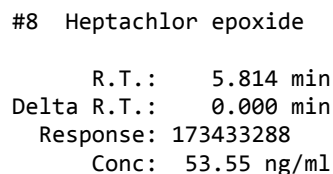
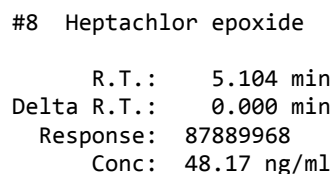
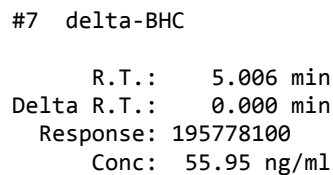
R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 90628026  
Conc: 48.13 ng/ml

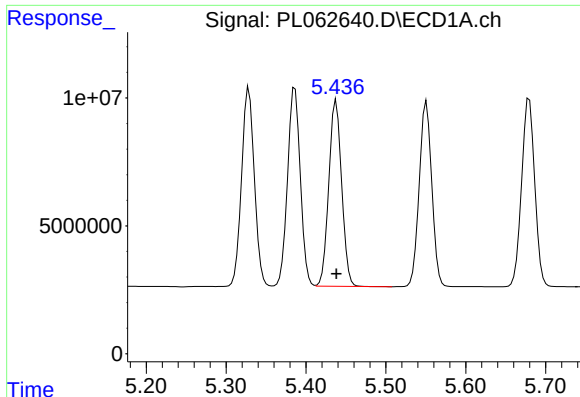


**Instrument :**  
ECD\_L  
**ClientSampleId :**  
WATER IDOC 01

**Manual Integrations**  
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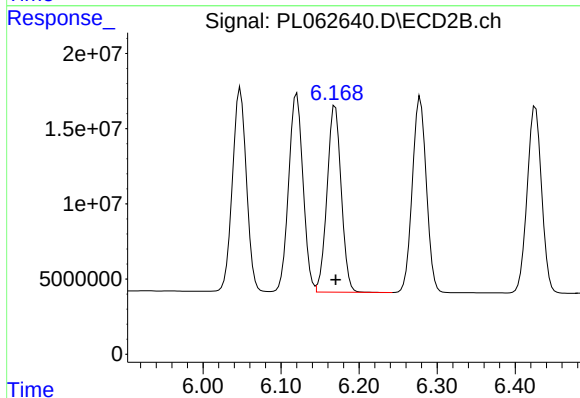
#9 Endosulfan I

R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 81342464  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

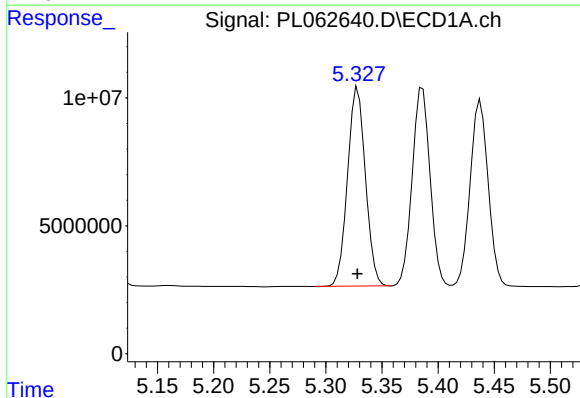
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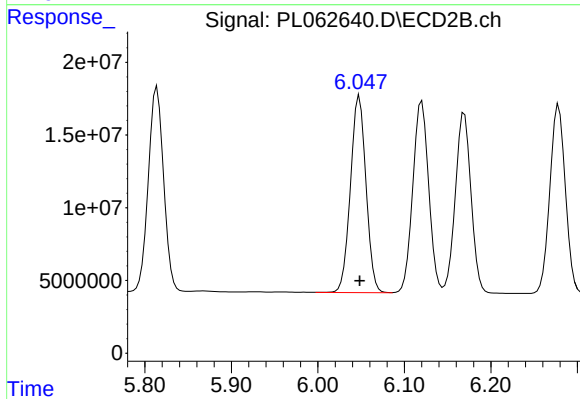
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 156550583  
Conc: 49.64 ng/ml



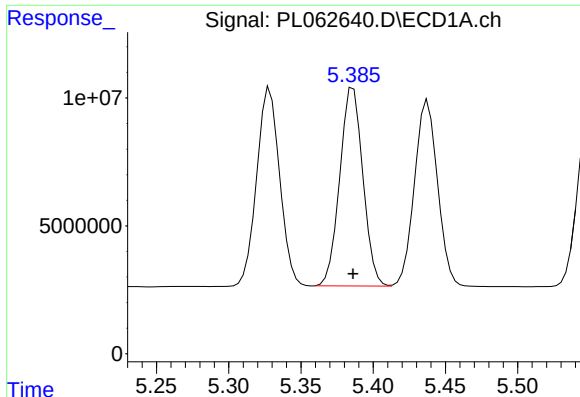
#10 gamma-Chlordane

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 86176401  
Conc: 47.83 ng/ml



#10 gamma-Chlordane

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 168794510  
Conc: 50.14 ng/ml



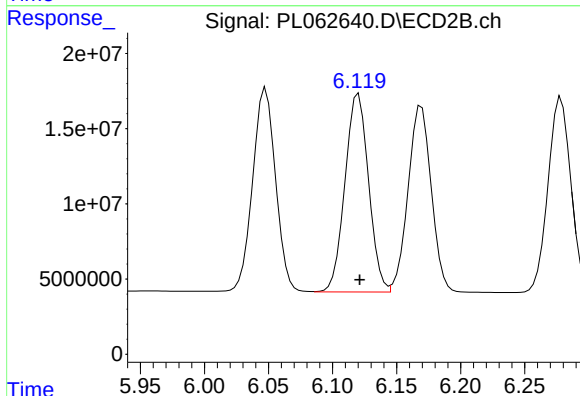
#11 alpha-Chlordane

R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 86239958  
Conc: 47.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

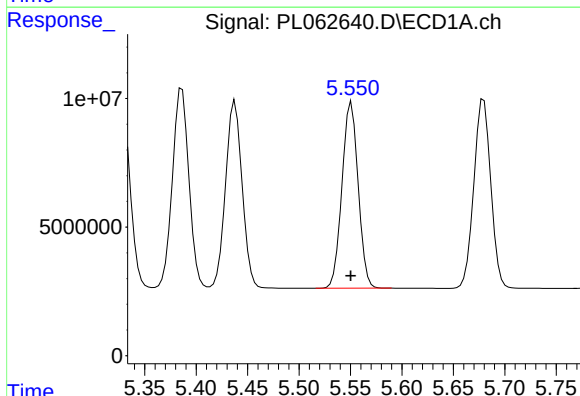
Manual Integrations  
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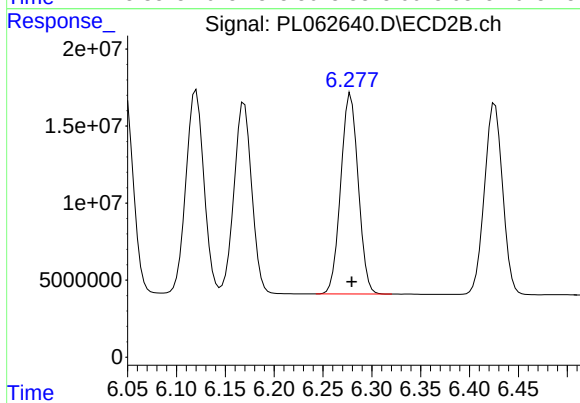
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 168948907  
Conc: 50.15 ng/ml



#12 4,4'-DDE

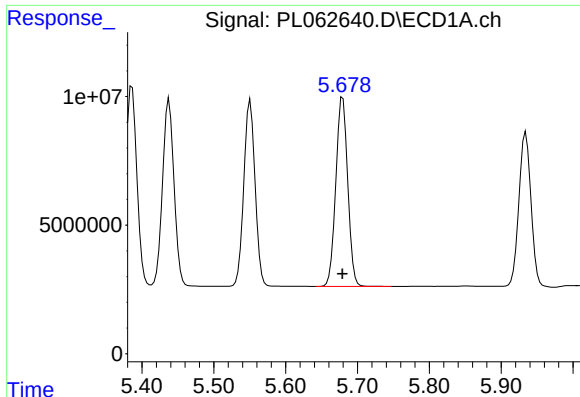
R.T.: 5.551 min  
Delta R.T.: 0.000 min  
Response: 79233300  
Conc: 47.89 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 162192430  
Conc: 50.34 ng/ml





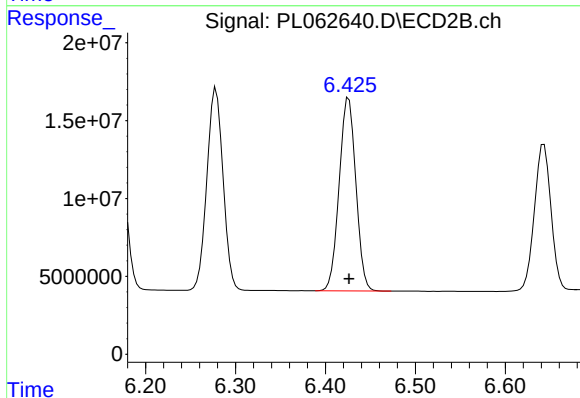
#13 Dieldrin

R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 84617315  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

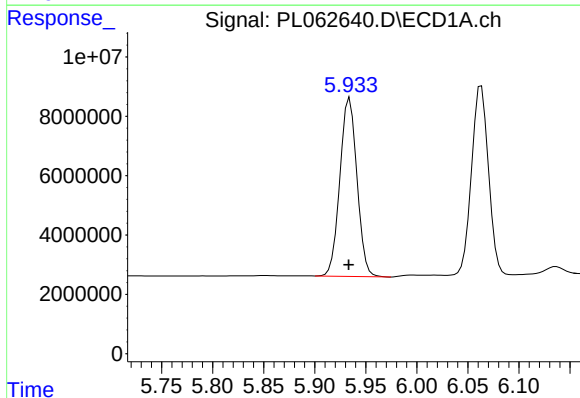
Manual Integrations  
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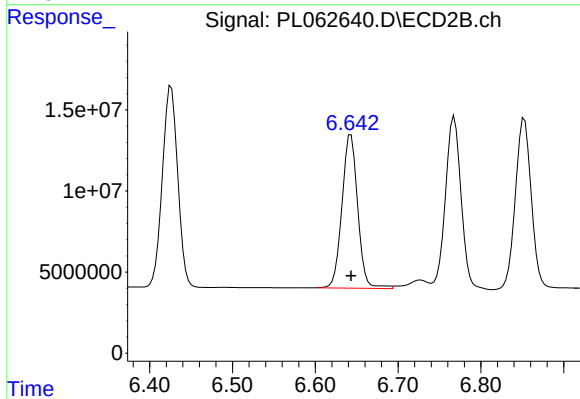
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 160297336  
Conc: 50.08 ng/ml



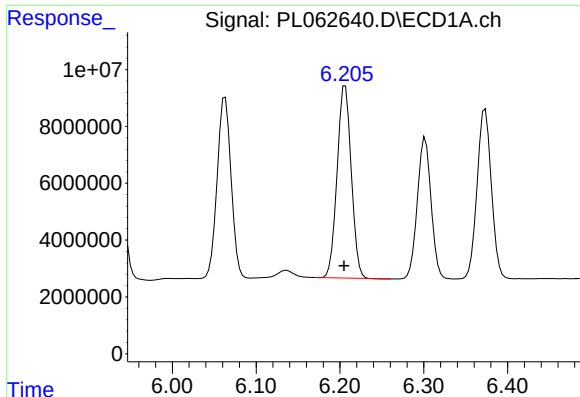
#14 Endrin

R.T.: 5.934 min  
Delta R.T.: 0.001 min  
Response: 70143606  
Conc: 42.16 ng/ml



#14 Endrin

R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 125065906  
Conc: 44.81 ng/ml



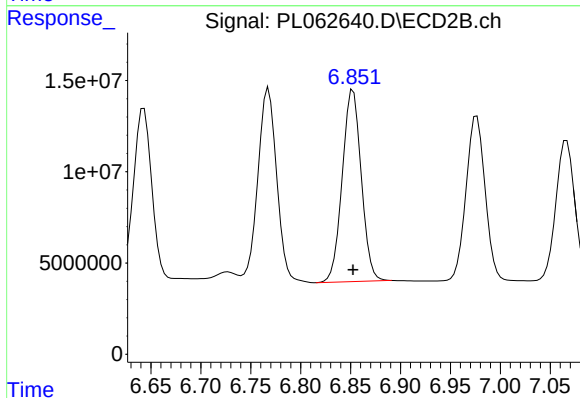
#15 Endosulfan II

R.T.: 6.206 min  
Delta R.T.: 0.001 min  
Response: 79337045  
Conc: 48.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

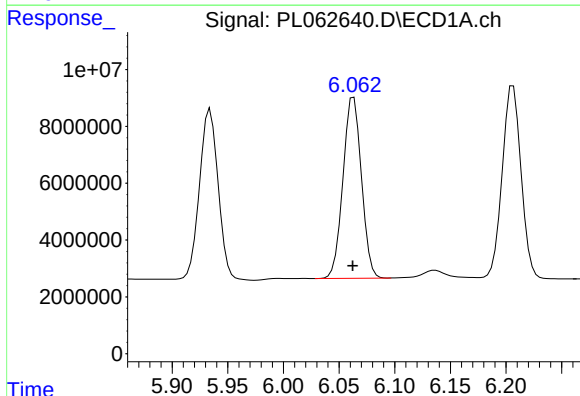
Manual Integrations  
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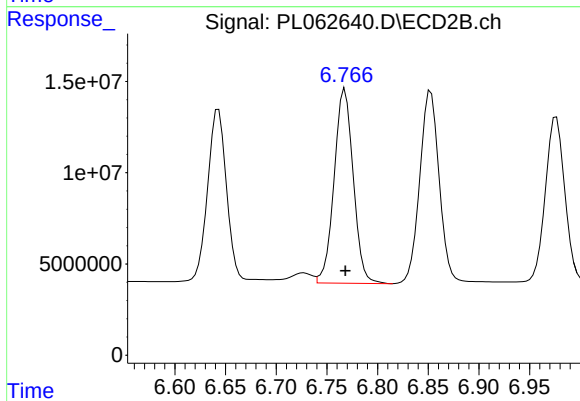
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 139368098  
Conc: 48.75 ng/ml



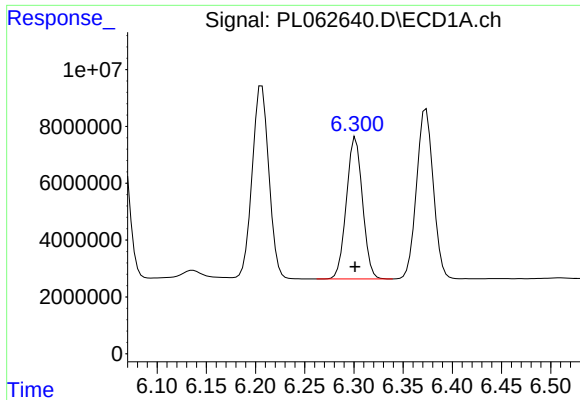
#16 4,4'-DDD

R.T.: 6.063 min  
Delta R.T.: 0.001 min  
Response: 73621800  
Conc: 52.05 ng/ml



#16 4,4'-DDD

R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 140242284  
Conc: 54.78 ng/ml



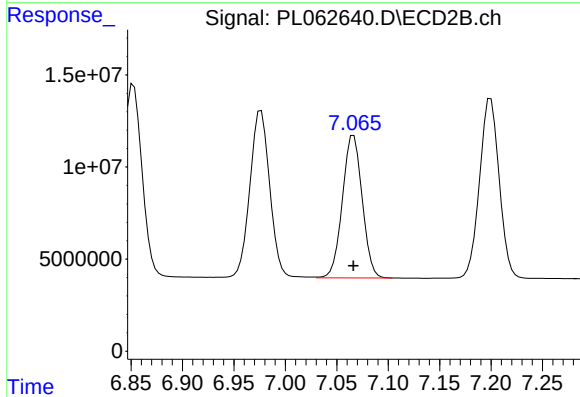
#17 4,4'-DDT

R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 56852944  
Conc: 42.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

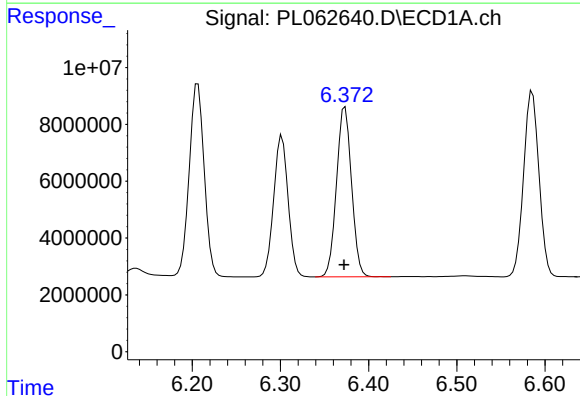
Manual Integrations  
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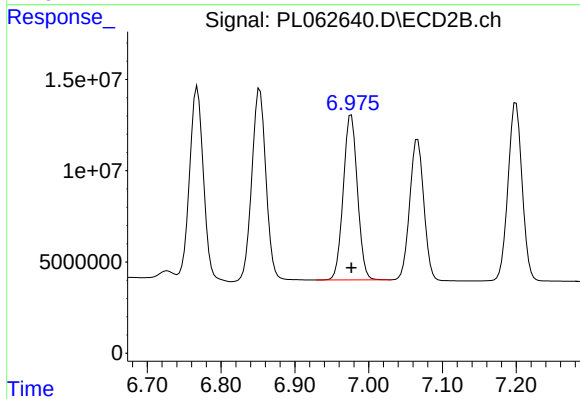
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.001 min  
Response: 103603581  
Conc: 46.14 ng/ml m



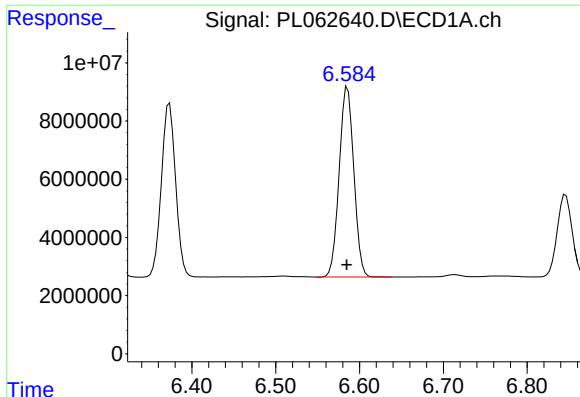
#18 Endrin aldehyde

R.T.: 6.373 min  
Delta R.T.: 0.001 min  
Response: 70750090  
Conc: 48.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min  
Delta R.T.: -0.001 min  
Response: 120587014  
Conc: 52.88 ng/ml m



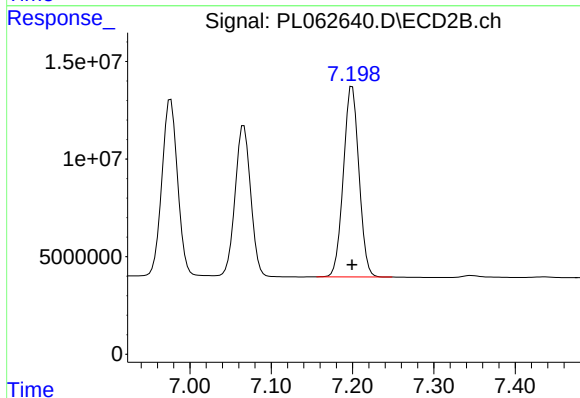
#19 Endosulfan Sulfate

R.T.: 6.586 min  
Delta R.T.: 0.001 min  
Response: 79410544  
Conc: 48.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

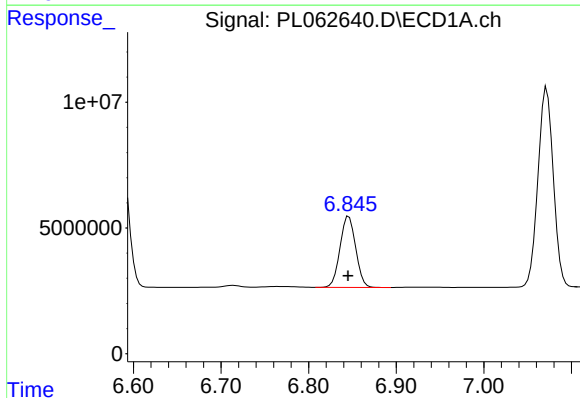
Manual Integrations  
APPROVED

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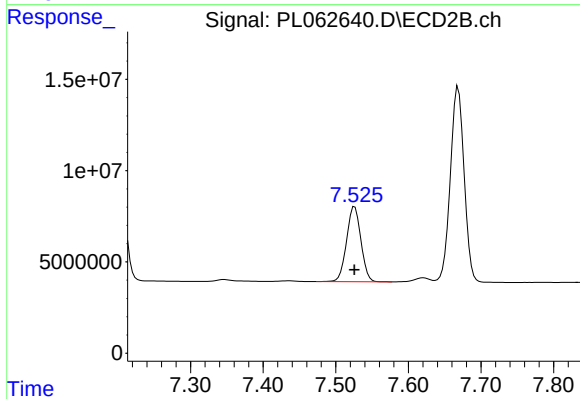
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 129617486  
Conc: 54.02 ng/ml



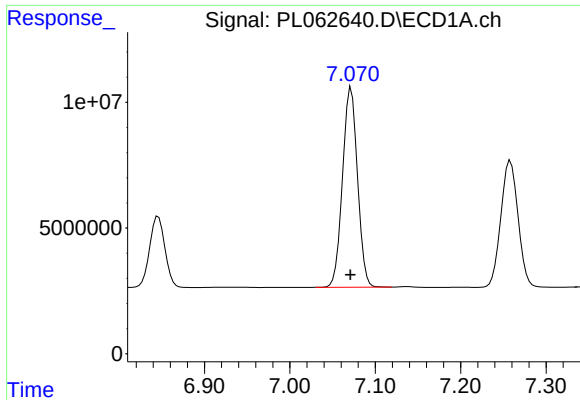
#20 Methoxychlor

R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 35095709  
Conc: 40.75 ng/ml



#20 Methoxychlor

R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 56584921  
Conc: 45.80 ng/ml



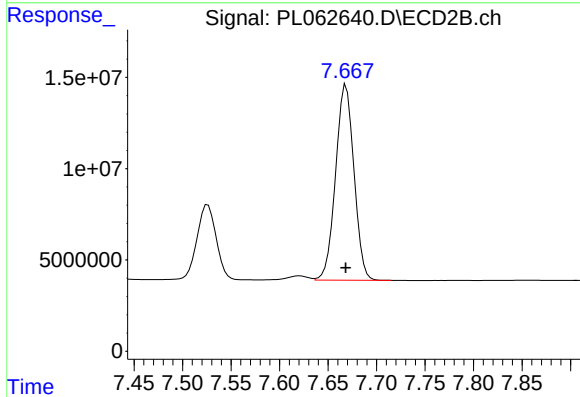
#21 Endrin ketone

R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 96780193  
Conc: 53.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

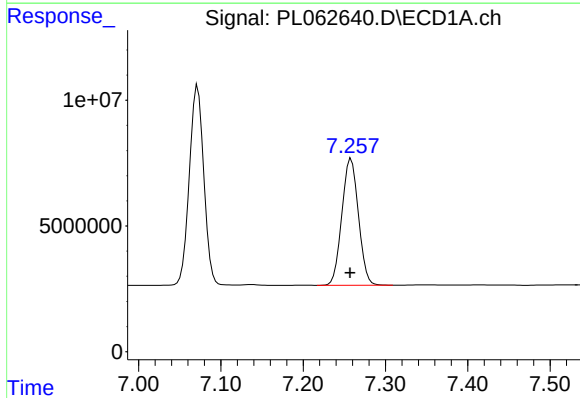
Manual Integrations  
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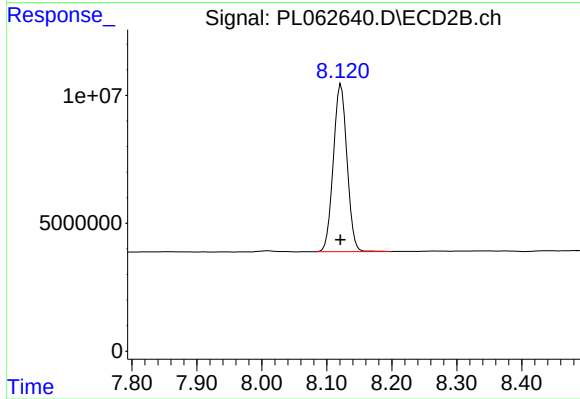
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 141011447  
Conc: 59.50 ng/ml



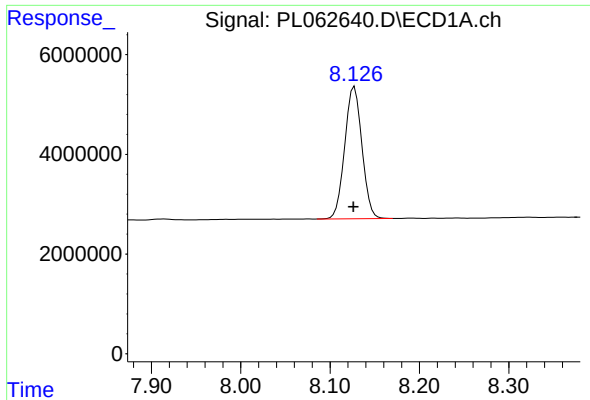
#22 Mirex

R.T.: 7.258 min  
Delta R.T.: 0.001 min  
Response: 70574861  
Conc: 49.78 ng/ml



#22 Mirex

R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 95463051  
Conc: 56.02 ng/ml



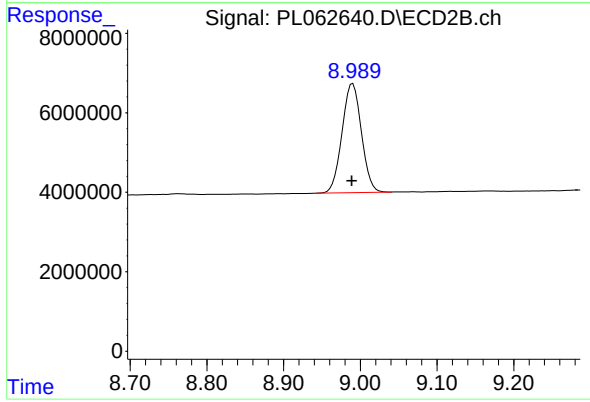
#28 Decachlorobiphenyl

R.T.: 8.127 min  
Delta R.T.: 0.000 min  
Response: 35494526  
Conc: 22.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 01

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#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: 0.001 min  
Response: 48465259  
Conc: 23.16 ng/ml