

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080519\  
 Data File : PL051013.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2019 11:29  
 Operator : SM\AJ  
 Sample : PB121949BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB121949BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 00:43:41 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... | 3.319 | 3.928 | 231.6E6  | 62923590 | 23.049 | 22.054  |
| 28)                         | SA Decachlor... | 7.979 | 8.956 | 236.0E6  | 61468544 | 23.306 | 21.736  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.746 | 4.316 | 1085.2E6 | 250.3E6  | 64.760 | 60.676  |
| 3)                          | MA gamma-BHC... | 4.021 | 4.600 | 1023.3E6 | 237.8E6  | 66.529 | 61.388  |
| 4)                          | MA Heptachlor   | 4.305 | 5.101 | 1083.8E6 | 255.4E6  | 66.056 | 61.601  |
| 5)                          | MB Aldrin       | 4.543 | 5.403 | 1026.6E6 | 236.8E6  | 66.271 | 62.831  |
| 6)                          | B beta-BHC      | 4.276 | 4.776 | 424.7E6  | 109.5E6  | 64.777 | 63.331  |
| 7)                          | B delta-BHC     | 4.469 | 4.989 | 990.5E6  | 207.4E6  | 60.366 | 53.615  |
| 8)                          | B Heptachlo...  | 4.979 | 5.790 | 967.7E6  | 224.0E6  | 65.504 | 58.559  |
| 9)                          | A Endosulfan I  | 5.310 | 6.145 | 930.0E6  | 209.5E6  | 63.943 | 60.912  |
| 10)                         | B gamma-Chl...  | 5.202 | 6.023 | 1018.5E6 | 228.7E6  | 64.529 | 61.890  |
| 11)                         | B alpha-Chl...  | 5.258 | 6.095 | 982.3E6  | 226.0E6  | 64.390 | 61.664  |
| 12)                         | B 4,4'-DDE      | 5.425 | 6.255 | 981.0E6  | 226.8E6  | 65.462 | 62.952  |
| 13)                         | MA Dieldrin     | 5.549 | 6.401 | 996.8E6  | 221.6E6  | 64.324 | 62.568  |
| 14)                         | MA Endrin       | 5.801 | 6.618 | 914.8E6  | 187.2E6  | 62.144 | 60.372  |
| 15)                         | B Endosulfa...  | 6.076 | 6.830 | 862.4E6  | 190.7E6  | 61.623 | 59.981  |
| 16)                         | A 4,4'-DDD      | 5.936 | 6.746 | 777.5E6  | 166.4E6  | 64.879 | 62.506  |
| 17)                         | MA 4,4'-DDT     | 6.169 | 7.042 | 781.4E6  | 168.2E6  | 63.089 | 62.301  |
| 18)                         | B Endrin al...  | 6.243 | 6.952 | 698.3E6  | 161.5E6  | 60.527 | 59.423m |
| 19)                         | B Endosulfa...  | 6.454 | 7.177 | 749.2E6  | 170.6E6  | 58.808 | 59.064  |
| 20)                         | A Methoxychlor  | 6.715 | 7.503 | 372.1E6  | 88292822 | 59.634 | 60.175  |
| 21)                         | B Endrin ke...  | 6.935 | 7.645 | 815.6E6  | 180.0E6  | 59.635 | 62.266  |
| 22)                         | Mirex           | 7.109 | 8.093 | 541.8E6  | 130.2E6  | 55.263 | 56.672  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080519\  
Data File : PL051013.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2019 11:29  
Operator : SM\AJ  
Sample : PB121949BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

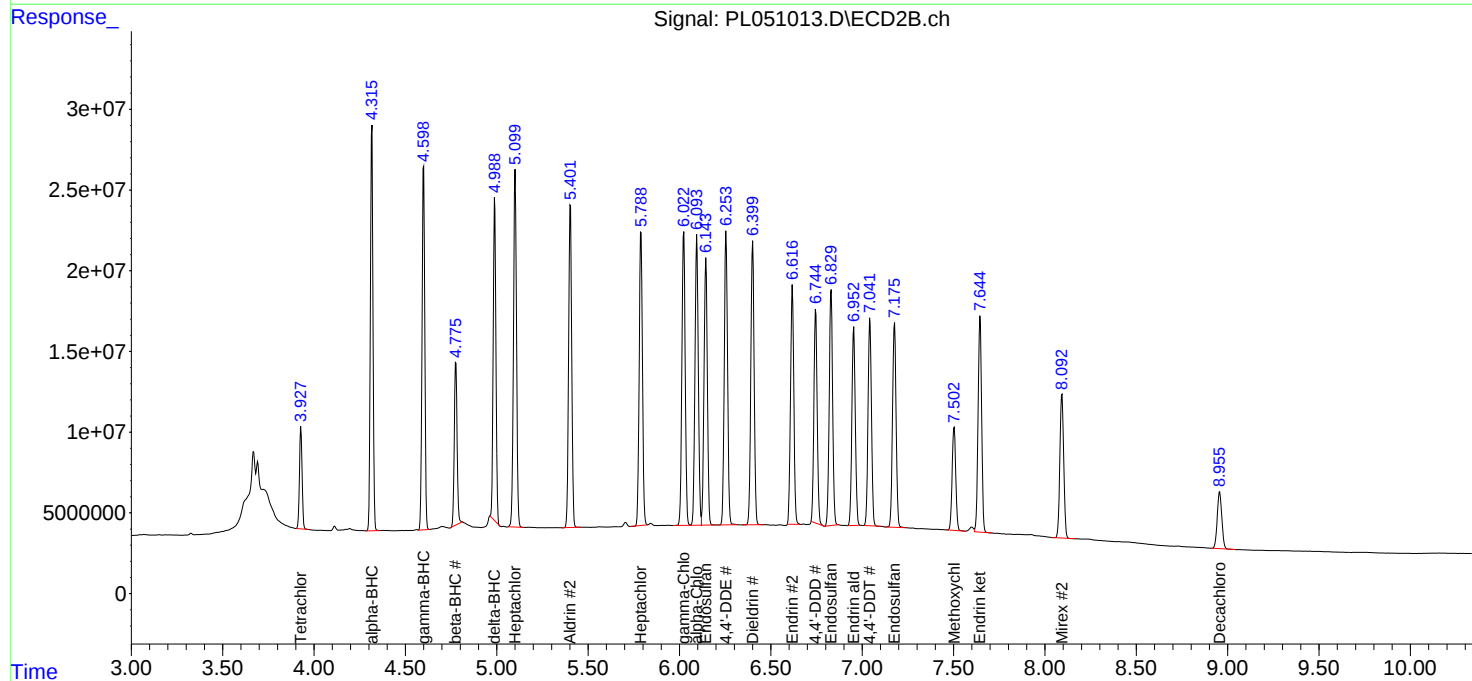
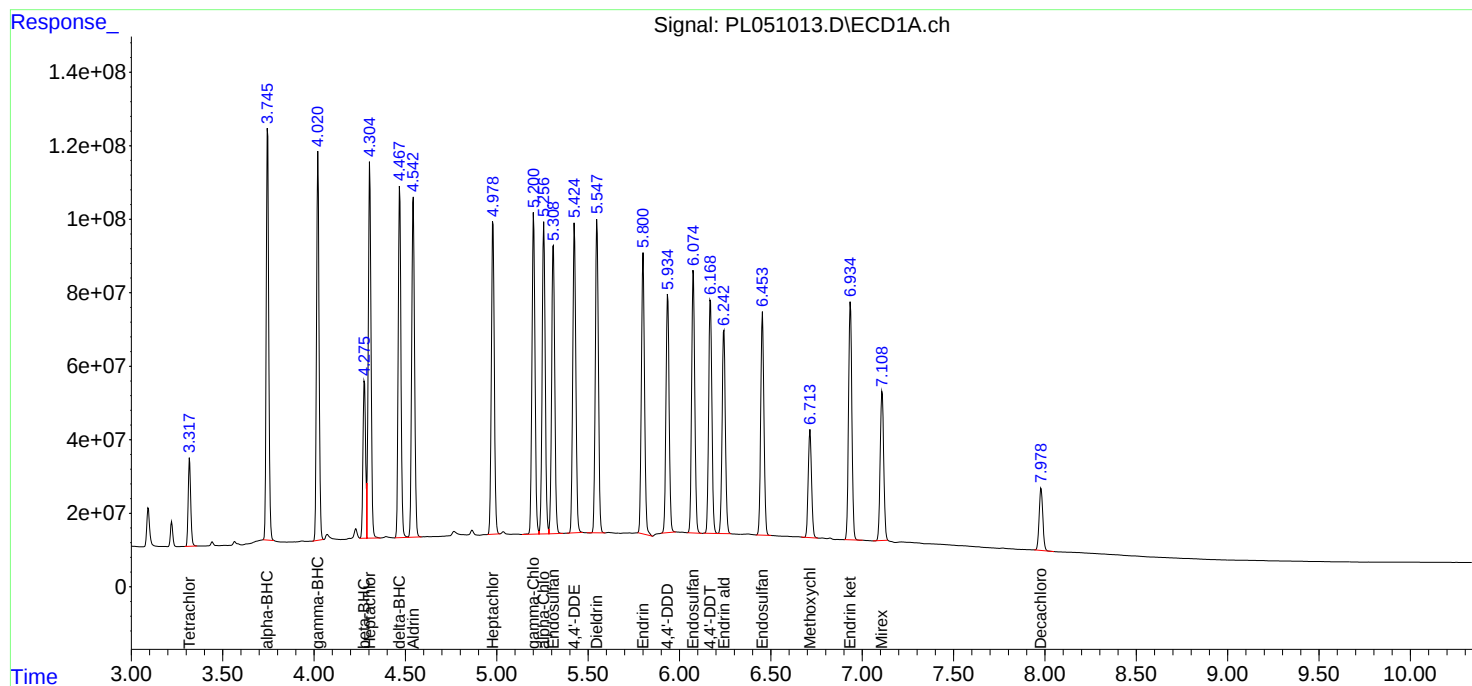
Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

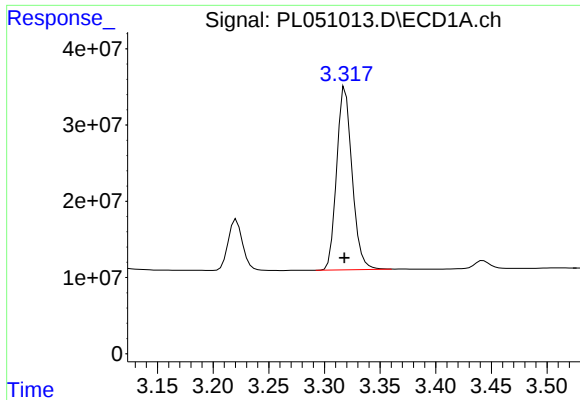
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 00:43:41 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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





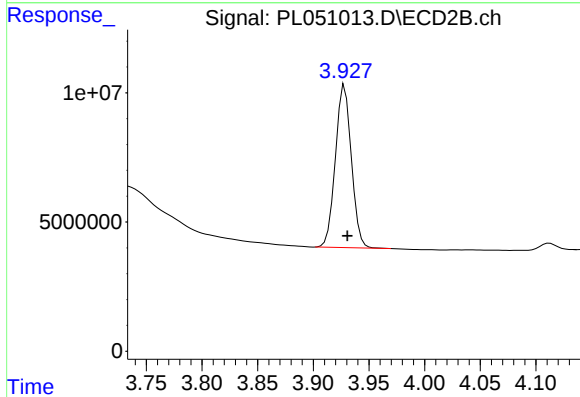
#1 Tetrachloro-m-xylene

R.T.: 3.319 min  
Delta R.T.: 0.000 min  
Response: 231590653  
Conc: 23.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

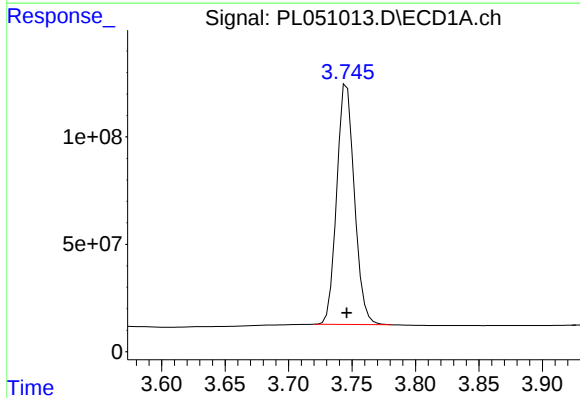
Manual Integrations  
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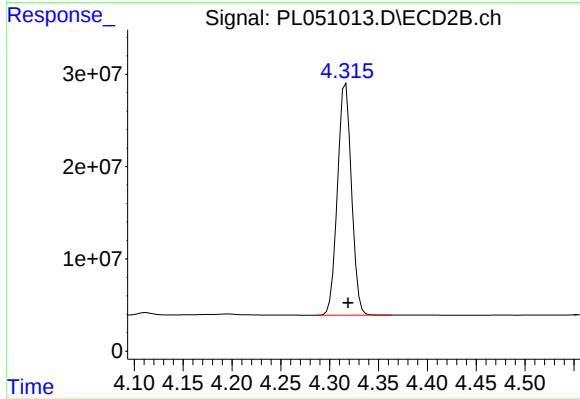
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 62923590  
Conc: 22.05 ng/ml



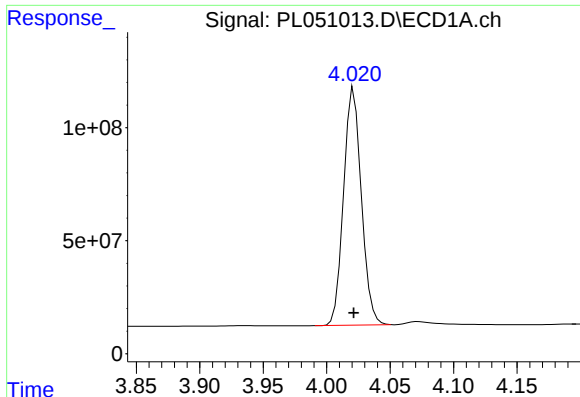
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 1085236082  
Conc: 64.76 ng/ml



#2 alpha-BHC

R.T.: 4.316 min  
Delta R.T.: -0.002 min  
Response: 250349540  
Conc: 60.68 ng/ml



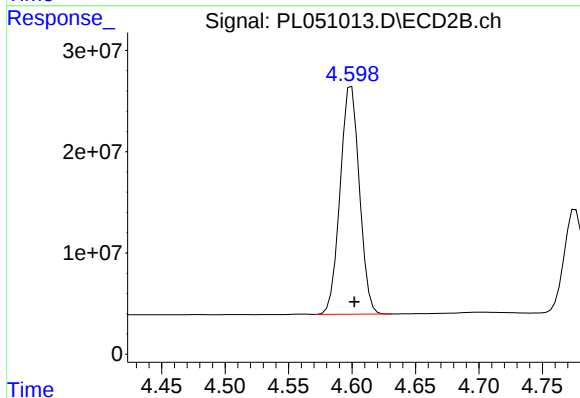
#3 gamma-BHC (Lindane)

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 1023331243  
Conc: 66.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

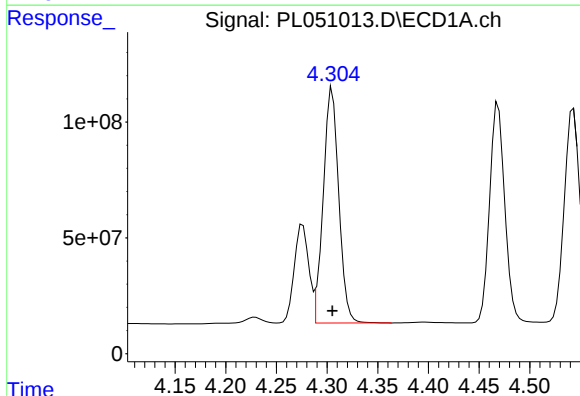
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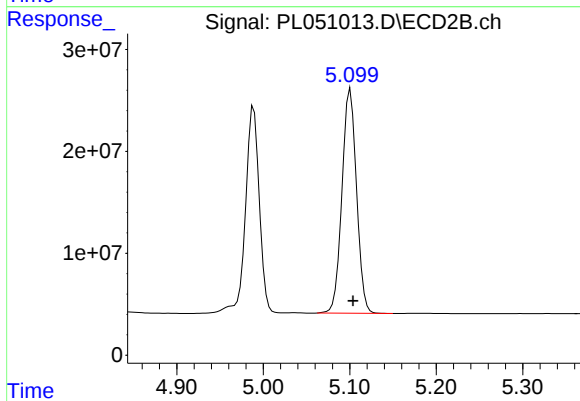
#3 gamma-BHC (Lindane)

R.T.: 4.600 min  
Delta R.T.: -0.002 min  
Response: 237765178  
Conc: 61.39 ng/ml



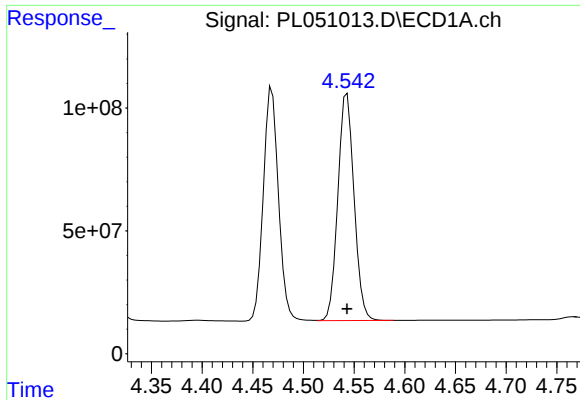
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: 0.000 min  
Response: 1083833138  
Conc: 66.06 ng/ml



#4 Heptachlor

R.T.: 5.101 min  
Delta R.T.: -0.003 min  
Response: 255440305  
Conc: 61.60 ng/ml



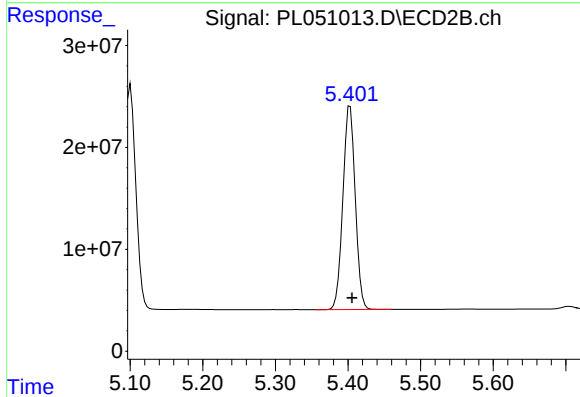
#5 Aldrin

R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 1026634640  
Conc: 66.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

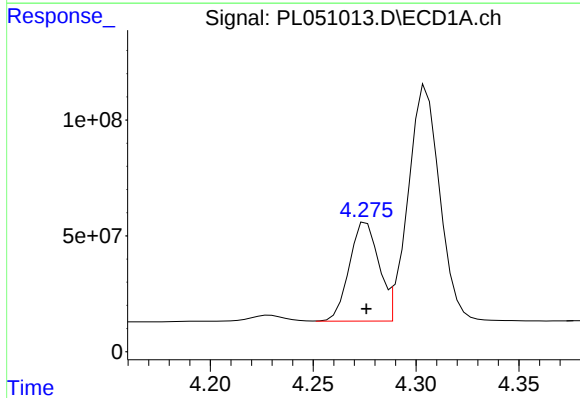
Manual Integrations  
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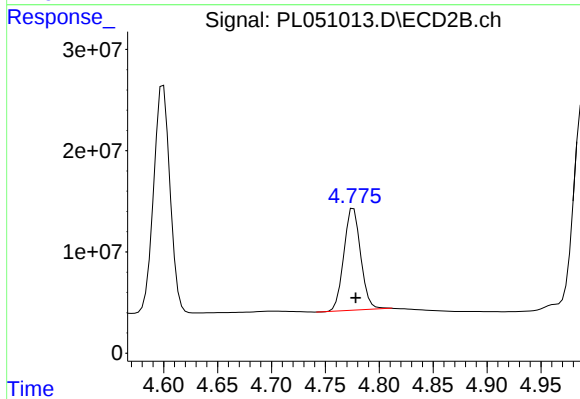
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: -0.003 min  
Response: 236769703  
Conc: 62.83 ng/ml



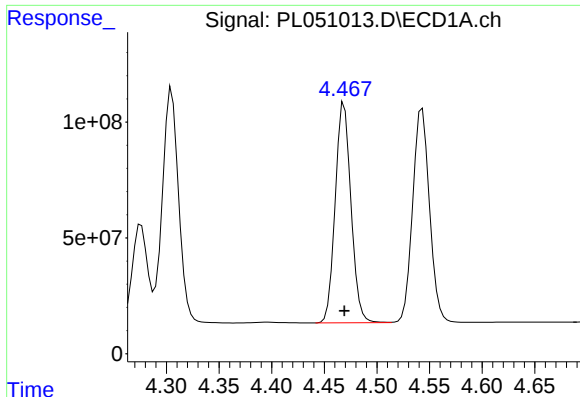
#6 beta-BHC

R.T.: 4.276 min  
Delta R.T.: 0.000 min  
Response: 424666485  
Conc: 64.78 ng/ml



#6 beta-BHC

R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 109490761  
Conc: 63.33 ng/ml



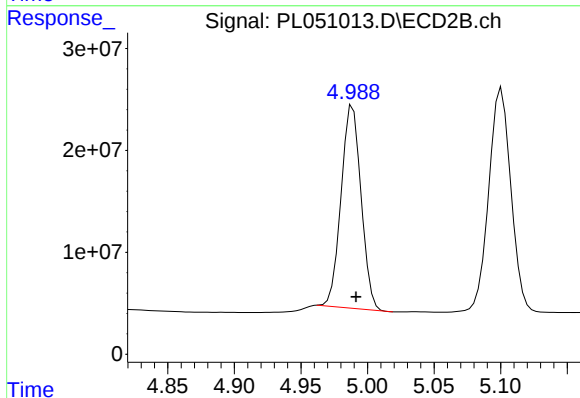
#7 delta-BHC

R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 990535807  
Conc: 60.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

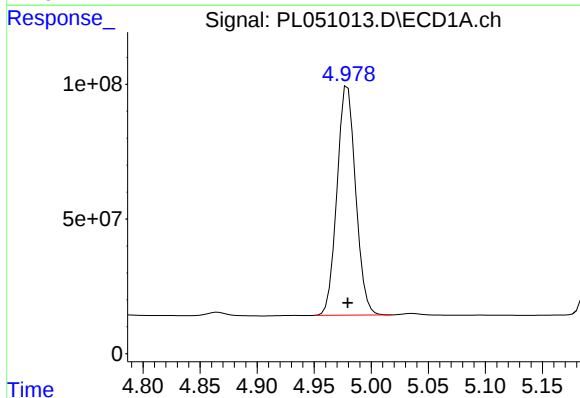
Manual Integrations  
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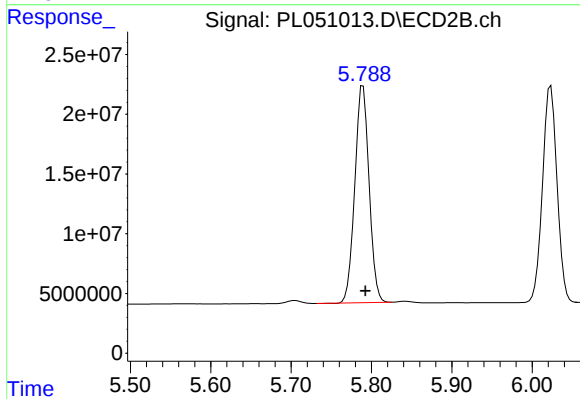
#7 delta-BHC

R.T.: 4.989 min  
Delta R.T.: -0.003 min  
Response: 207362803  
Conc: 53.62 ng/ml



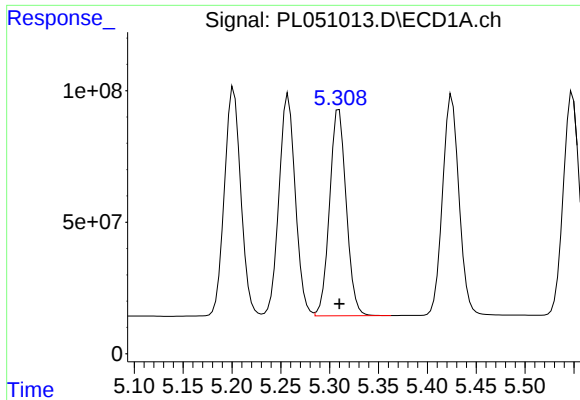
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 967728377  
Conc: 65.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 223978616  
Conc: 58.56 ng/ml



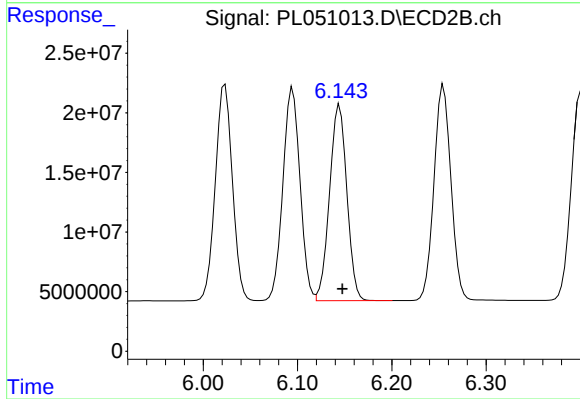
#9 Endosulfan I

R.T.: 5.310 min  
Delta R.T.: 0.000 min  
Response: 929972953  
Conc: 63.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

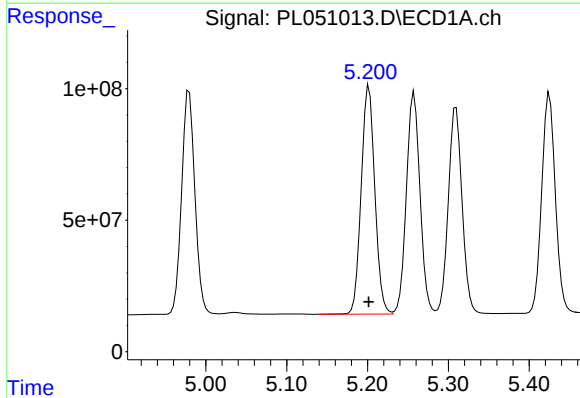
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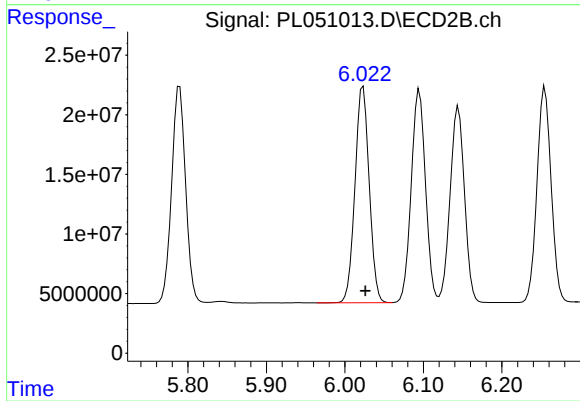
#9 Endosulfan I

R.T.: 6.145 min  
Delta R.T.: -0.003 min  
Response: 209468619  
Conc: 60.91 ng/ml



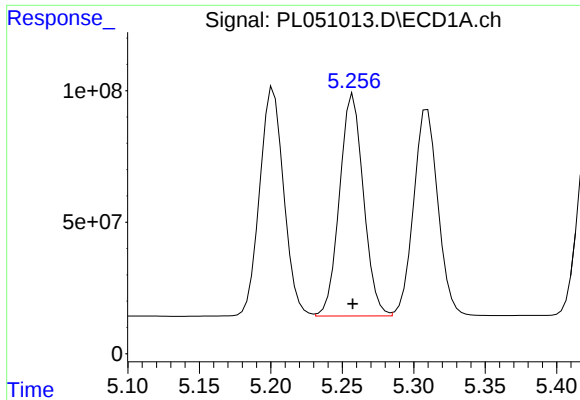
#10 gamma-Chlordane

R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 1018476308  
Conc: 64.53 ng/ml



#10 gamma-Chlordane

R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 228701725  
Conc: 61.89 ng/ml



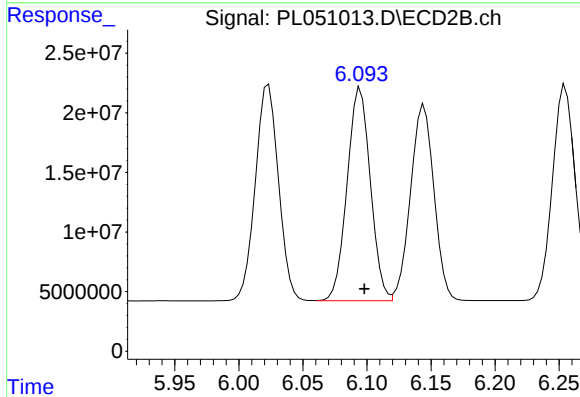
#11 alpha-Chlordane

R.T.: 5.258 min  
Delta R.T.: 0.000 min  
Response: 982340496  
Conc: 64.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

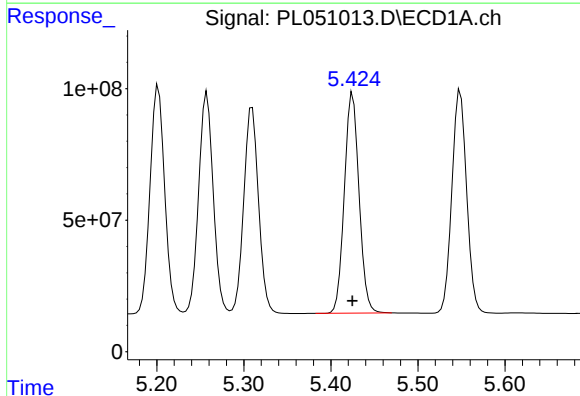
Manual Integrations  
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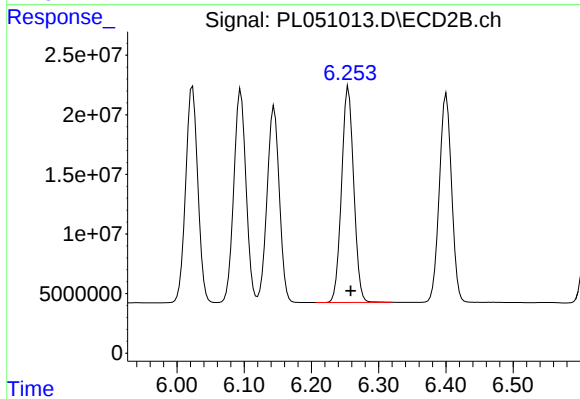
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 226008563  
Conc: 61.66 ng/ml



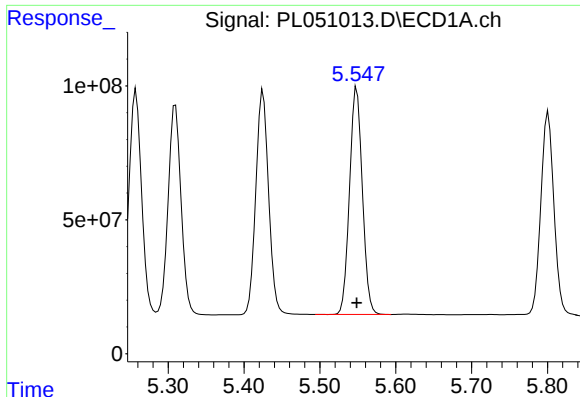
#12 4,4'-DDE

R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 981005427  
Conc: 65.46 ng/ml



#12 4,4'-DDE

R.T.: 6.255 min  
Delta R.T.: -0.003 min  
Response: 226841176  
Conc: 62.95 ng/ml



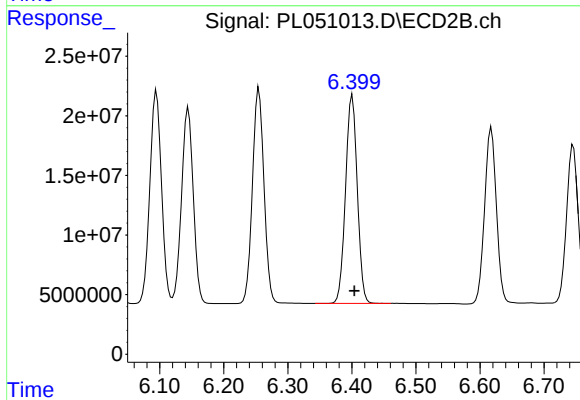
#13 Dieldrin

R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 996811702  
Conc: 64.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

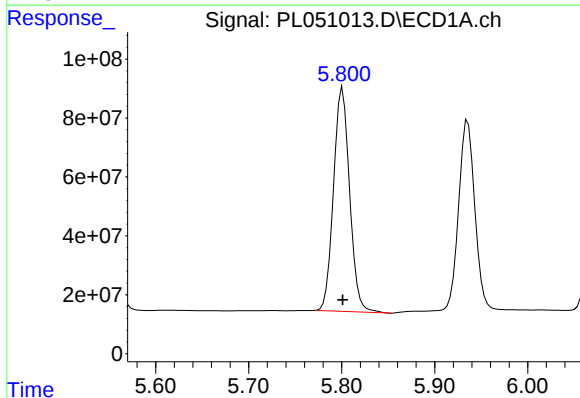
Manual Integrations  
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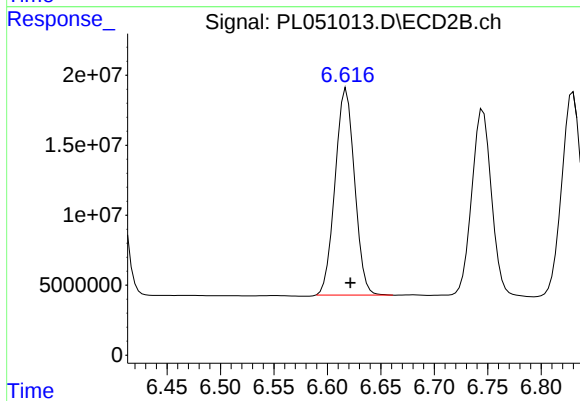
#13 Dieldrin

R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 221563759  
Conc: 62.57 ng/ml



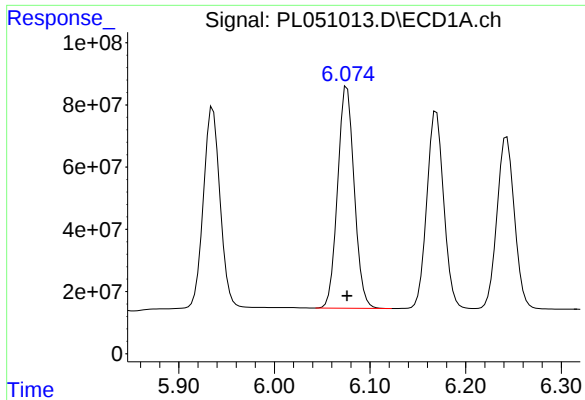
#14 Endrin

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 914788301  
Conc: 62.14 ng/ml



#14 Endrin

R.T.: 6.618 min  
Delta R.T.: -0.004 min  
Response: 187241023  
Conc: 60.37 ng/ml



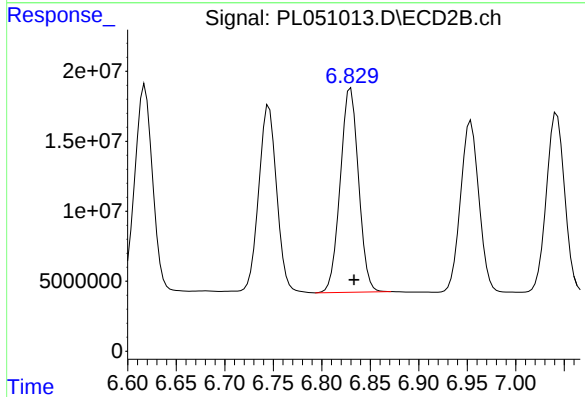
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 862404940  
Conc: 61.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

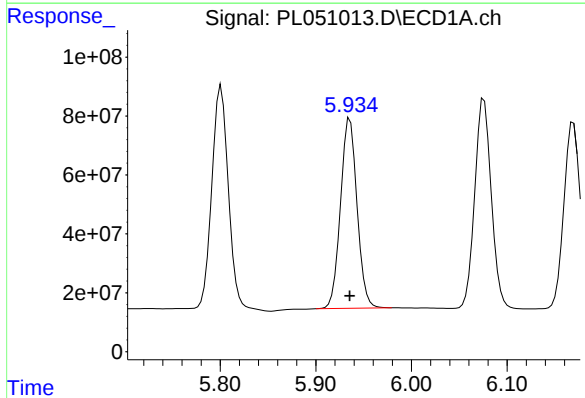
Manual Integrations  
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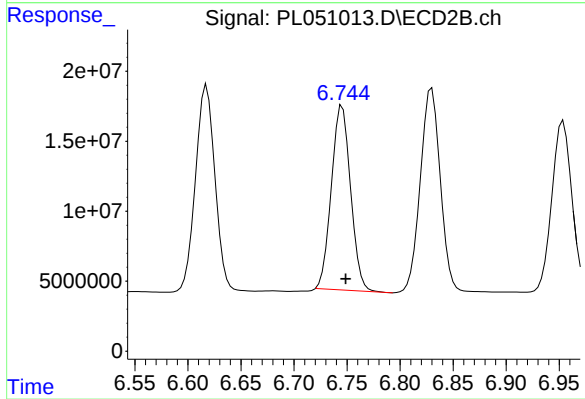
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: -0.003 min  
Response: 190690420  
Conc: 59.98 ng/ml



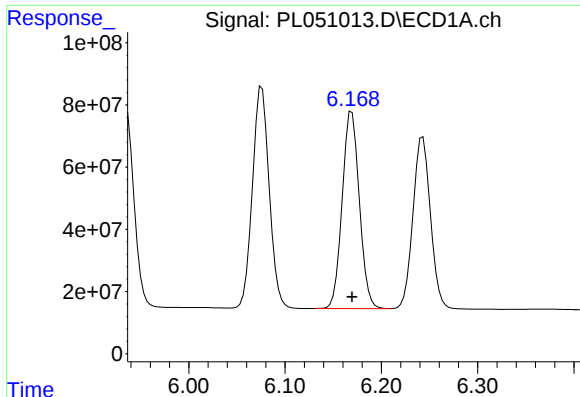
#16 4,4'-DDD

R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 777497058  
Conc: 64.88 ng/ml



#16 4,4'-DDD

R.T.: 6.746 min  
Delta R.T.: -0.003 min  
Response: 166445961  
Conc: 62.51 ng/ml



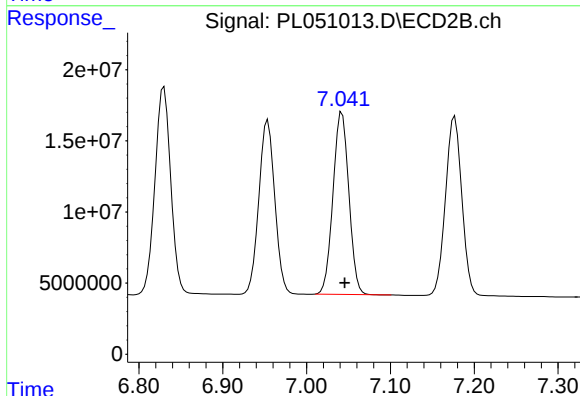
#17 4,4'-DDT

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 781407489  
Conc: 63.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

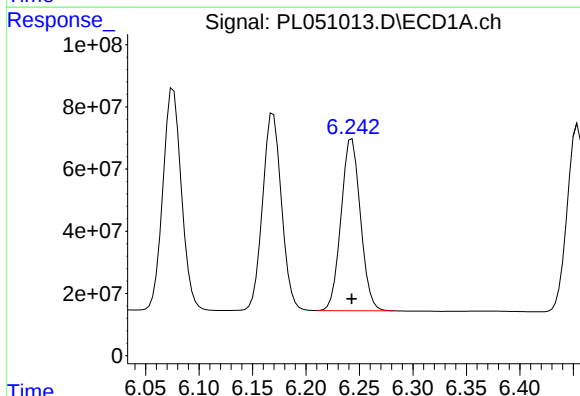
Manual Integrations  
APPROVED

Ankita  
8/6/2019 3:13:23 PM



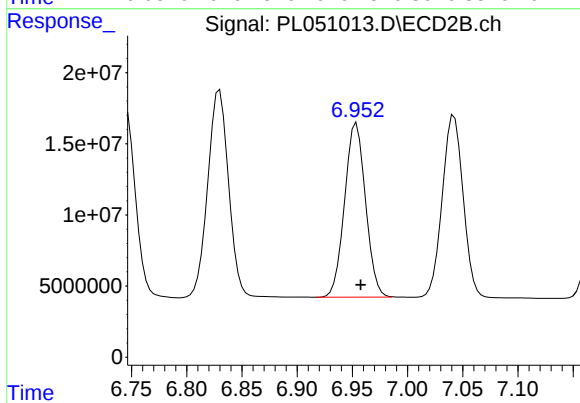
#17 4,4'-DDT

R.T.: 7.042 min  
Delta R.T.: -0.003 min  
Response: 168187069  
Conc: 62.30 ng/ml



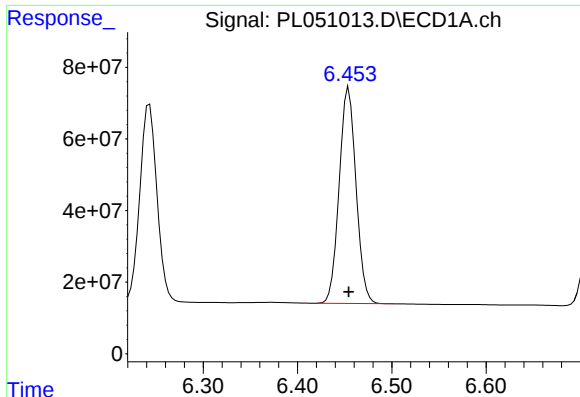
#18 Endrin aldehyde

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 698263581  
Conc: 60.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.952 min  
Delta R.T.: -0.005 min  
Response: 161488055  
Conc: 59.42 ng/ml m



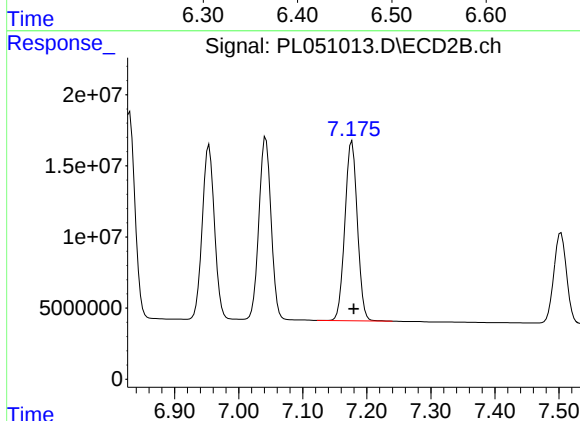
#19 Endosulfan Sulfate

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 749182506  
Conc: 58.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

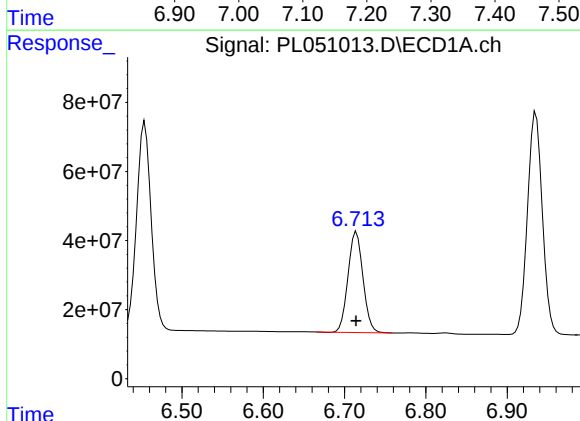
Manual Integrations  
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8/6/2019 3:13:23 PM



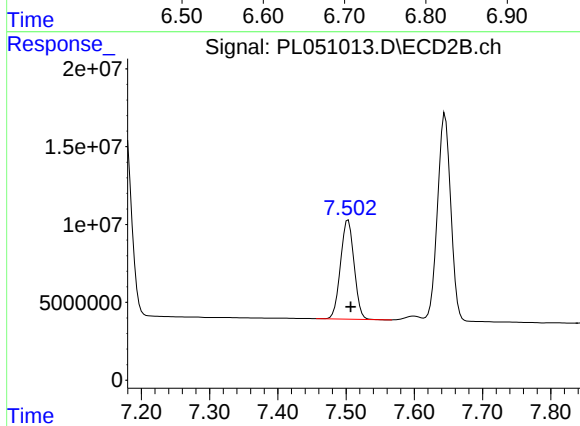
#19 Endosulfan Sulfate

R.T.: 7.177 min  
Delta R.T.: -0.003 min  
Response: 170592231  
Conc: 59.06 ng/ml



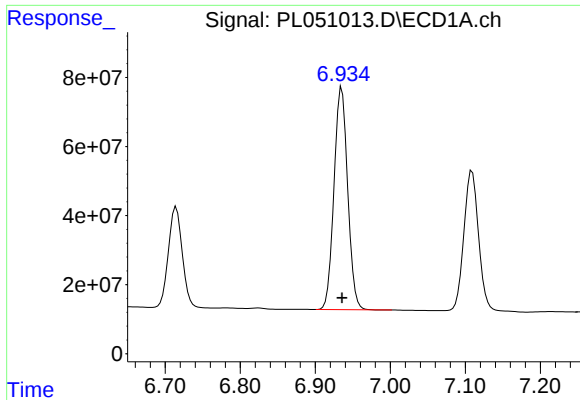
#20 Methoxychlor

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 372051881  
Conc: 59.63 ng/ml



#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: -0.004 min  
Response: 88292822  
Conc: 60.17 ng/ml



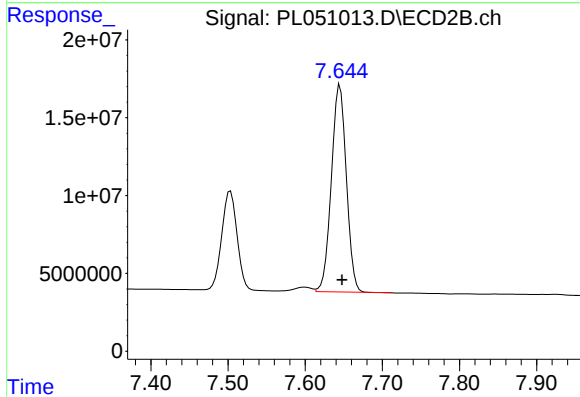
#21 Endrin ketone

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 815648691  
Conc: 59.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

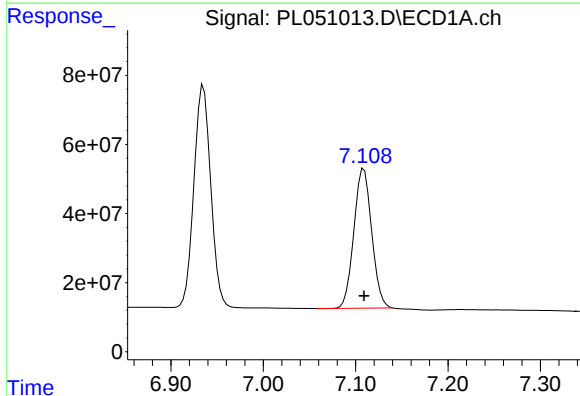
Manual Integrations  
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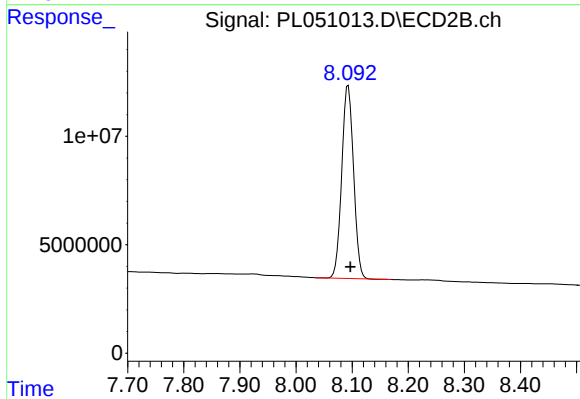
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.003 min  
Response: 180029583  
Conc: 62.27 ng/ml



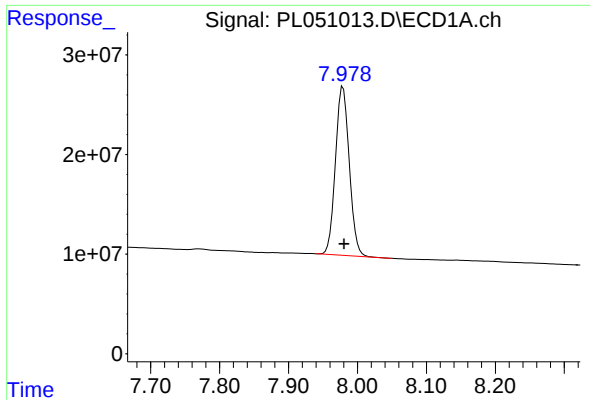
#22 Mirex

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 541810349  
Conc: 55.26 ng/ml



#22 Mirex

R.T.: 8.093 min  
Delta R.T.: -0.004 min  
Response: 130176636  
Conc: 56.67 ng/ml



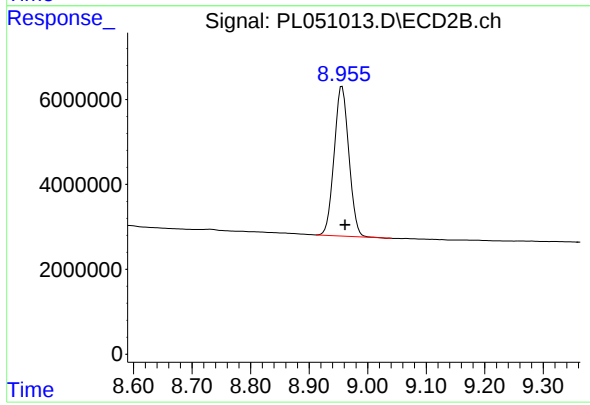
#28 Decachlorobiphenyl

R.T.: 7.979 min  
Delta R.T.: -0.002 min  
Response: 235976933  
Conc: 23.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121949BS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.956 min  
Delta R.T.: -0.005 min  
Response: 61468544  
Conc: 21.74 ng/ml