

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032819\  
 Data File : PL046634.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2019 15:21  
 Operator : AJ\SJ  
 Sample : PB118305BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB118305BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 01:11:38 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.358 | 3.977 | 127.5E6 | 42507722 | 17.525  | 18.565  |
| 28)                         | SA Decachlor... | 8.034 | 9.028 | 164.1E6 | 46690728 | 19.509  | 20.139  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.787 | 4.366 | 617.9E6 | 175.4E6  | 52.982  | 54.584  |
| 3)                          | MA gamma-BHC... | 4.065 | 4.650 | 569.5E6 | 163.2E6  | 53.006  | 54.541  |
| 4)                          | MA Heptachlor   | 4.351 | 5.157 | 585.7E6 | 165.9E6  | 53.121  | 53.933  |
| 5)                          | MB Aldrin       | 4.592 | 5.460 | 573.6E6 | 162.5E6  | 55.612  | 56.726  |
| 6)                          | B beta-BHC      | 4.318 | 4.823 | 233.5E6 | 73274825 | 51.854  | 55.273  |
| 7)                          | B delta-BHC     | 4.513 | 5.038 | 534.5E6 | 138.3E6  | 52.799  | 59.605m |
| 8)                          | B Heptachlo...  | 5.028 | 5.846 | 533.7E6 | 149.8E6  | 54.718  | 56.794m |
| 9)                          | A Endosulfan I  | 5.360 | 6.203 | 507.1E6 | 143.9E6  | 53.933  | 55.125  |
| 10)                         | B gamma-Chl...  | 5.251 | 6.081 | 550.0E6 | 157.3E6  | 53.544  | 55.415  |
| 11)                         | B alpha-Chl...  | 5.308 | 6.153 | 539.7E6 | 155.8E6  | 53.227  | 54.915  |
| 12)                         | B 4,4'-DDE      | 5.474 | 6.312 | 510.8E6 | 139.6E6  | 55.485m | 56.238  |
| 13)                         | MA Dieldrin     | 5.600 | 6.460 | 545.0E6 | 148.9E6  | 54.311  | 54.925  |
| 14)                         | MA Endrin       | 5.853 | 6.677 | 459.1E6 | 120.5E6  | 48.745  | 50.411  |
| 15)                         | B Endosulfa...  | 6.127 | 6.887 | 475.5E6 | 131.7E6  | 53.069  | 54.583  |
| 16)                         | A 4,4'-DDD      | 5.986 | 6.801 | 428.3E6 | 116.7E6  | 56.660  | 57.981  |
| 17)                         | MA 4,4'-DDT     | 6.221 | 7.098 | 398.8E6 | 111.4E6  | 52.656  | 53.125m |
| 18)                         | B Endrin al...  | 6.294 | 7.011 | 404.3E6 | 116.7E6  | 53.938  | 54.957  |
| 19)                         | B Endosulfa...  | 6.505 | 7.233 | 465.5E6 | 131.9E6  | 56.691  | 55.901  |
| 20)                         | A Methoxychlor  | 6.765 | 7.557 | 212.2E6 | 65445695 | 49.941  | 51.339  |
| 21)                         | B Endrin ke...  | 6.988 | 7.703 | 541.4E6 | 145.2E6  | 58.553  | 58.450  |
| 22)                         | Mirex           | 7.165 | 8.154 | 386.0E6 | 109.2E6  | 52.981  | 54.578  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032819\  
Data File : PL046634.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2019 15:21  
Operator : AJ\SJ  
Sample : PB118305BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

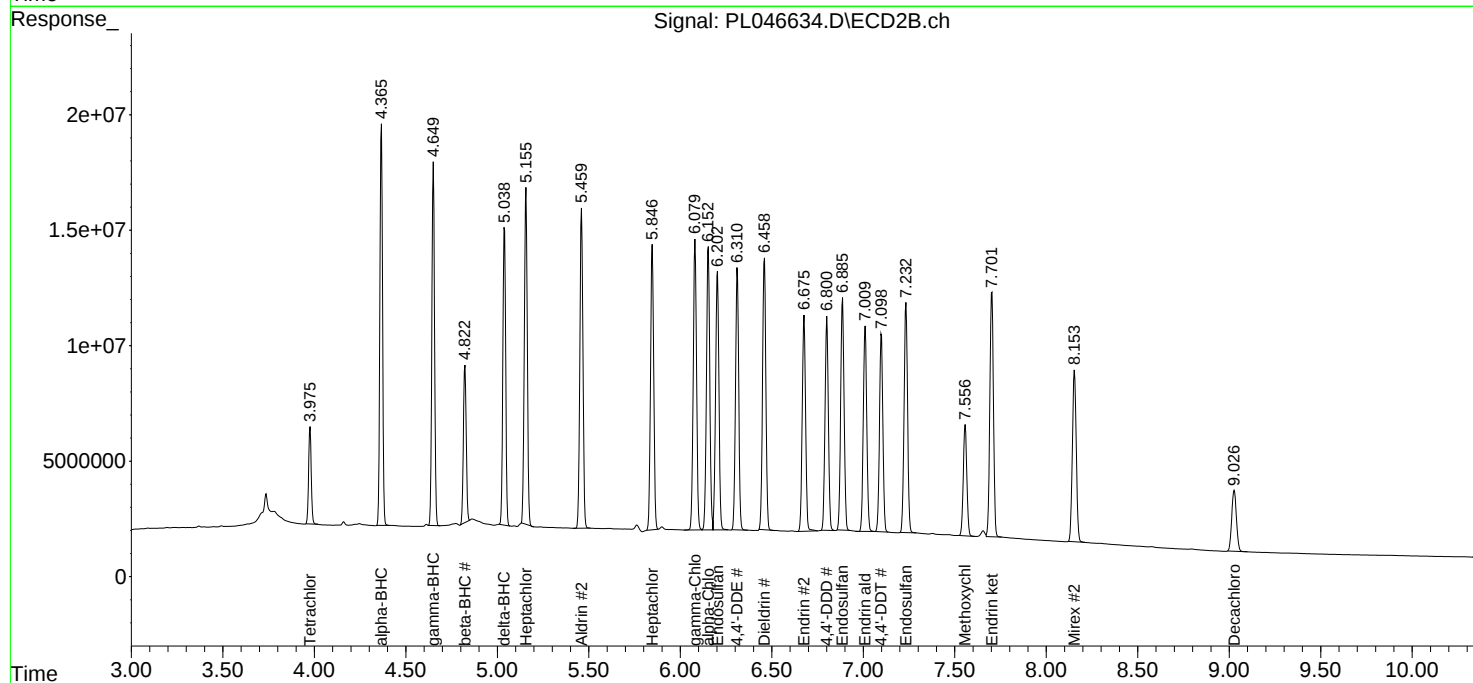
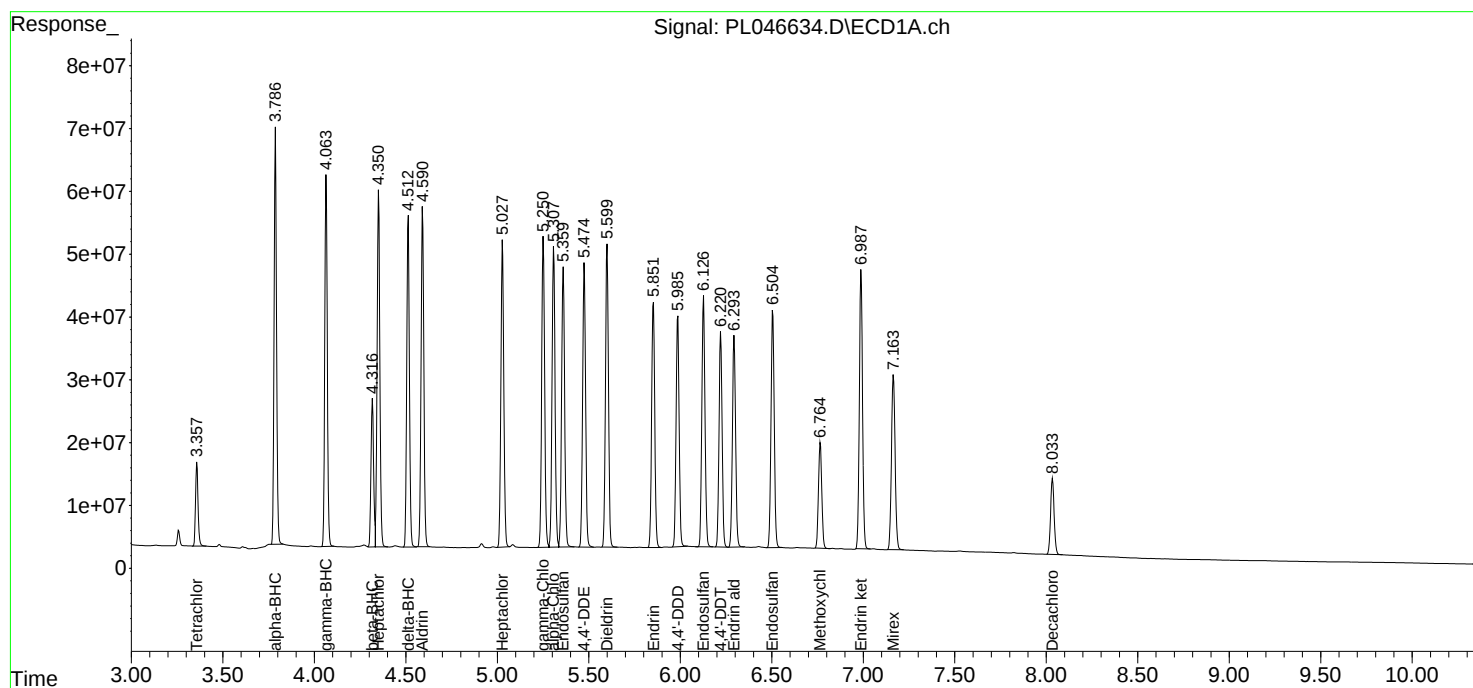
Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

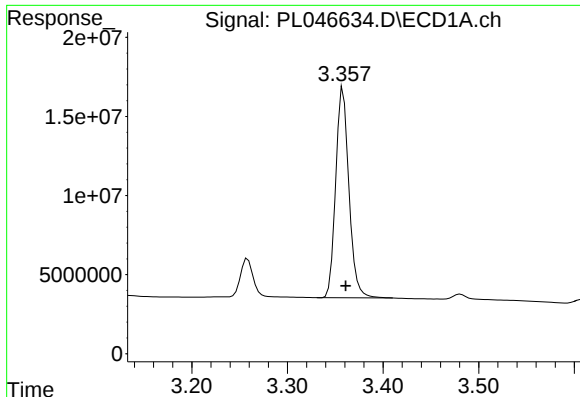
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 01:11:38 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
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





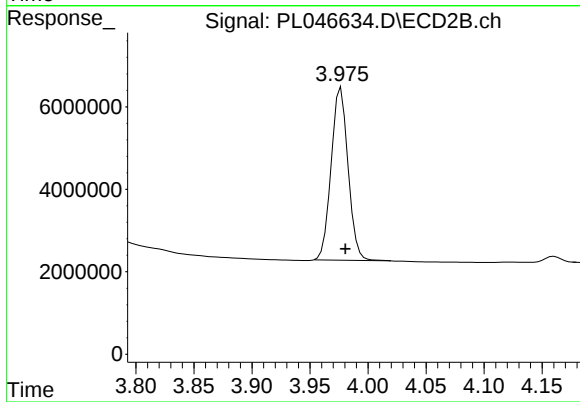
#1 Tetrachloro-m-xylene

R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 127490882  
Conc: 17.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

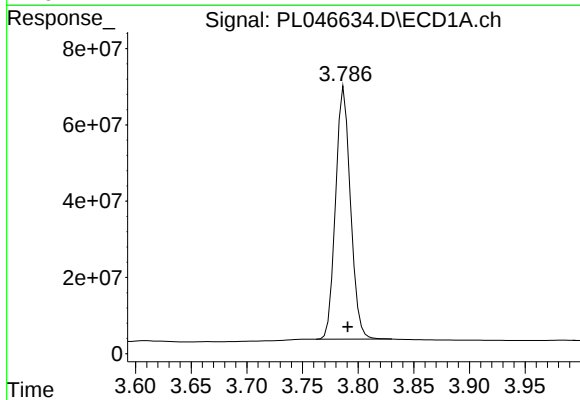
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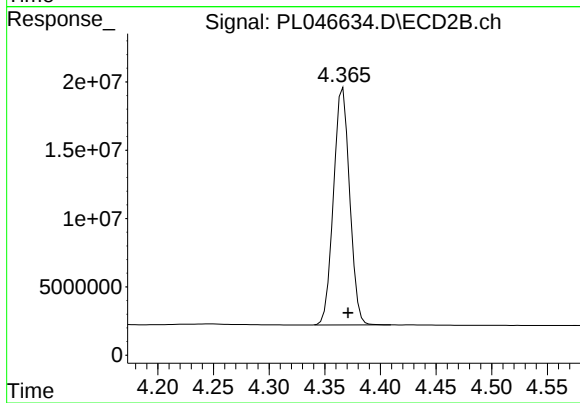
#1 Tetrachloro-m-xylene

R.T.: 3.977 min  
Delta R.T.: -0.004 min  
Response: 42507722  
Conc: 18.57 ng/ml



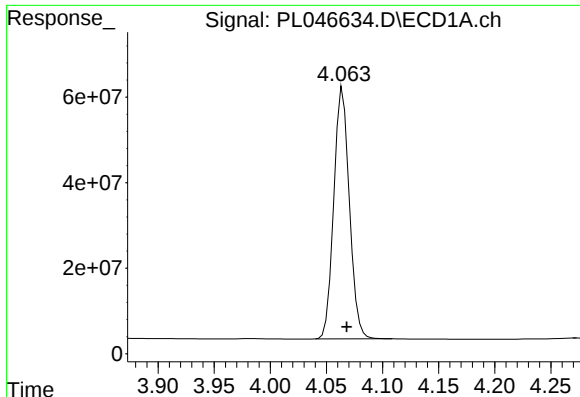
#2 alpha-BHC

R.T.: 3.787 min  
Delta R.T.: -0.003 min  
Response: 617881109  
Conc: 52.98 ng/ml



#2 alpha-BHC

R.T.: 4.366 min  
Delta R.T.: -0.005 min  
Response: 175393748  
Conc: 54.58 ng/ml



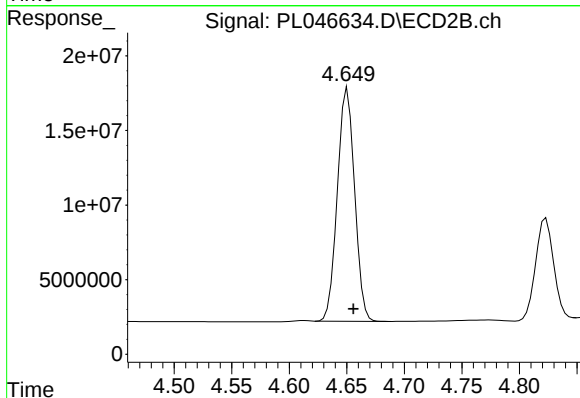
#3 gamma-BHC (Lindane)

R.T.: 4.065 min  
Delta R.T.: -0.004 min  
Response: 569526629  
Conc: 53.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

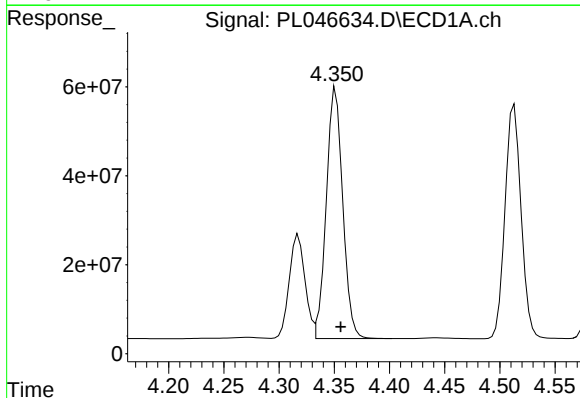
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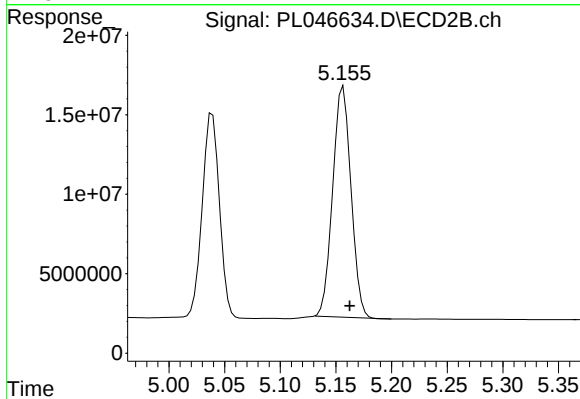
#3 gamma-BHC (Lindane)

R.T.: 4.650 min  
Delta R.T.: -0.005 min  
Response: 163241851  
Conc: 54.54 ng/ml



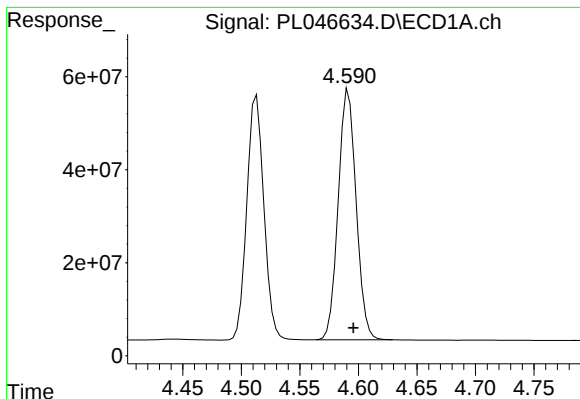
#4 Heptachlor

R.T.: 4.351 min  
Delta R.T.: -0.004 min  
Response: 585672708  
Conc: 53.12 ng/ml



#4 Heptachlor

R.T.: 5.157 min  
Delta R.T.: -0.006 min  
Response: 165890809  
Conc: 53.93 ng/ml



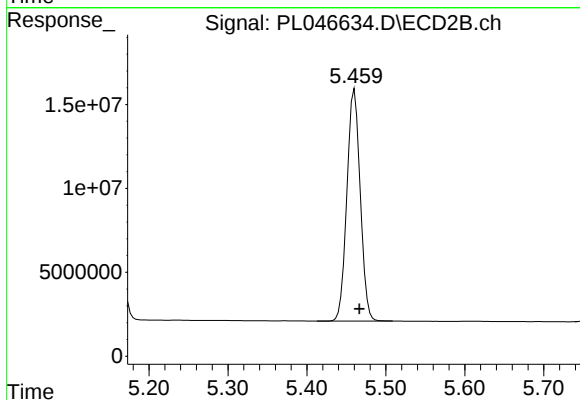
#5 Aldrin

R.T.: 4.592 min  
Delta R.T.: -0.004 min  
Response: 573633733  
Conc: 55.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

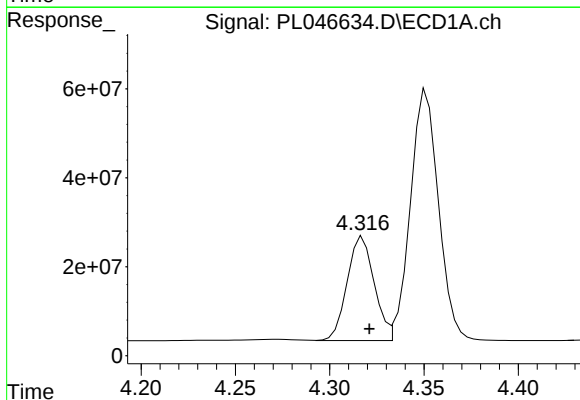
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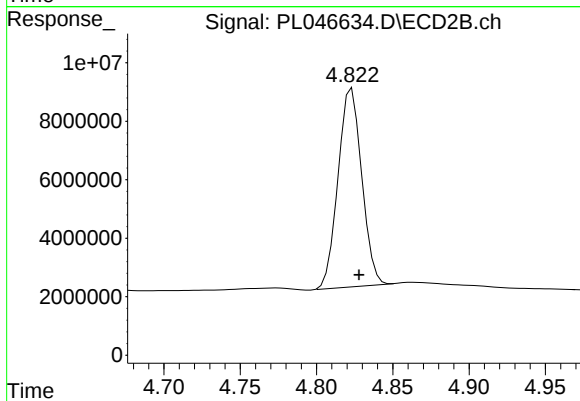
#5 Aldrin

R.T.: 5.460 min  
Delta R.T.: -0.006 min  
Response: 162517524  
Conc: 56.73 ng/ml



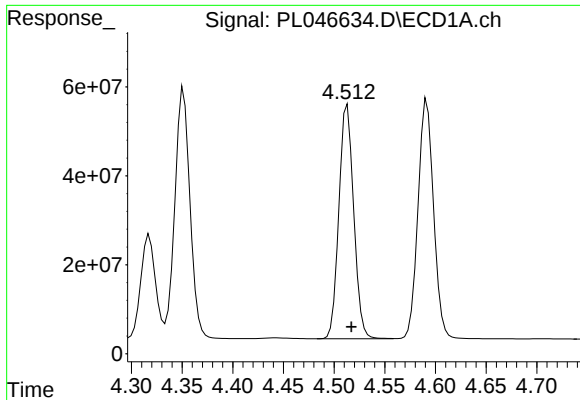
#6 beta-BHC

R.T.: 4.318 min  
Delta R.T.: -0.003 min  
Response: 233468459  
Conc: 51.85 ng/ml



#6 beta-BHC

R.T.: 4.823 min  
Delta R.T.: -0.005 min  
Response: 73274825  
Conc: 55.27 ng/ml



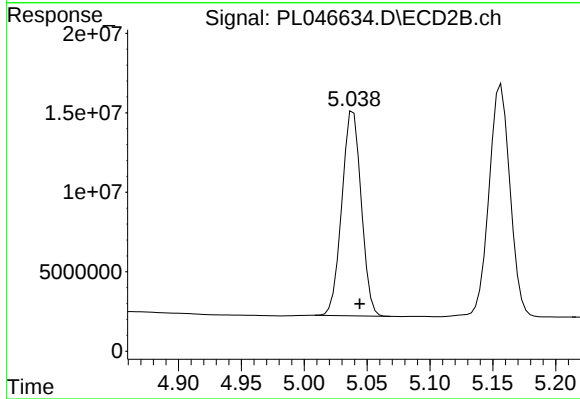
#7 delta-BHC

R.T.: 4.513 min  
Delta R.T.: -0.004 min  
Response: 534483137  
Conc: 52.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

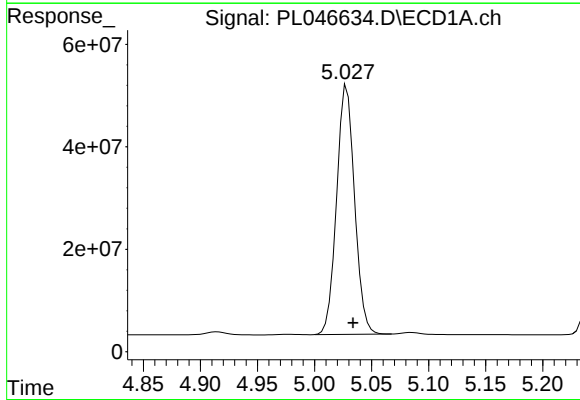
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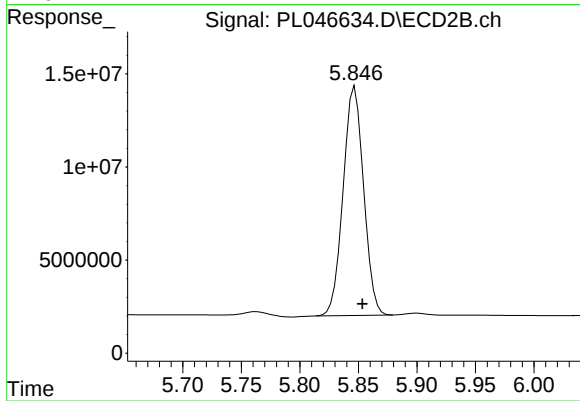
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: -0.006 min  
Response: 138294929  
Conc: 59.61 ng/ml m



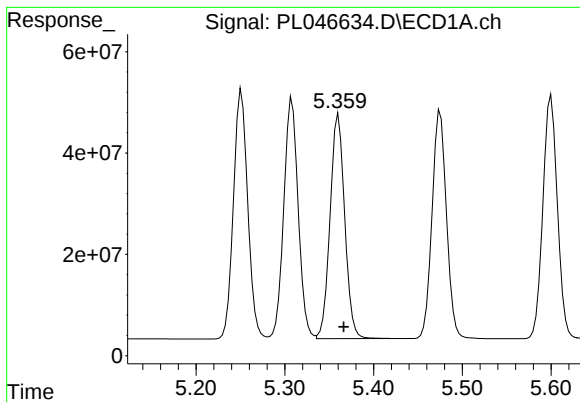
#8 Heptachlor epoxide

R.T.: 5.028 min  
Delta R.T.: -0.005 min  
Response: 533691779  
Conc: 54.72 ng/ml



#8 Heptachlor epoxide

R.T.: 5.846 min  
Delta R.T.: -0.008 min  
Response: 149776653  
Conc: 56.79 ng/ml m



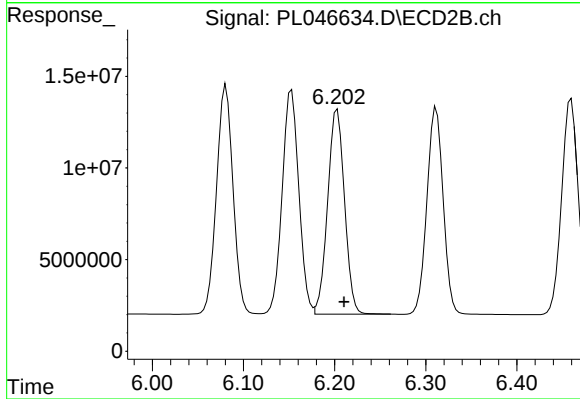
#9 Endosulfan I

R.T.: 5.360 min  
Delta R.T.: -0.006 min  
Response: 507094637  
Conc: 53.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

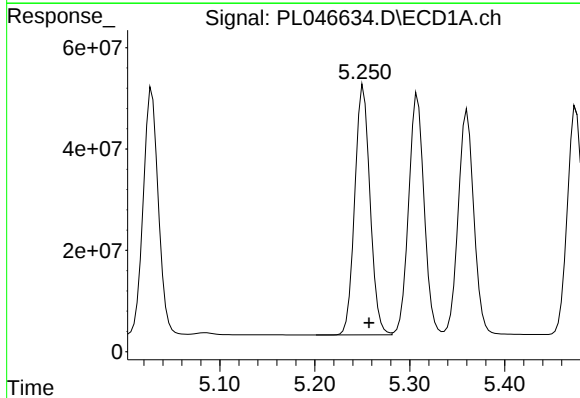
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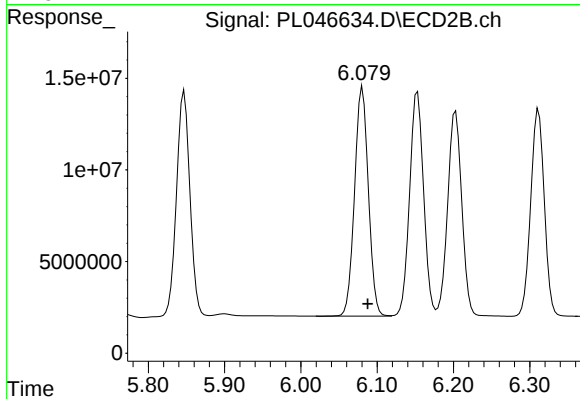
#9 Endosulfan I

R.T.: 6.203 min  
Delta R.T.: -0.007 min  
Response: 143869965  
Conc: 55.13 ng/ml



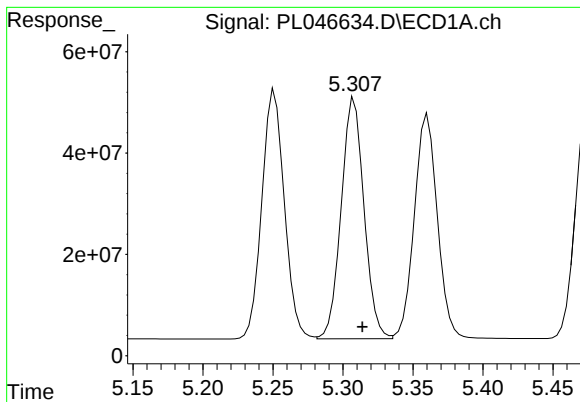
#10 gamma-Chlordane

R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 550031954  
Conc: 53.54 ng/ml



#10 gamma-Chlordane

R.T.: 6.081 min  
Delta R.T.: -0.007 min  
Response: 157273331  
Conc: 55.42 ng/ml



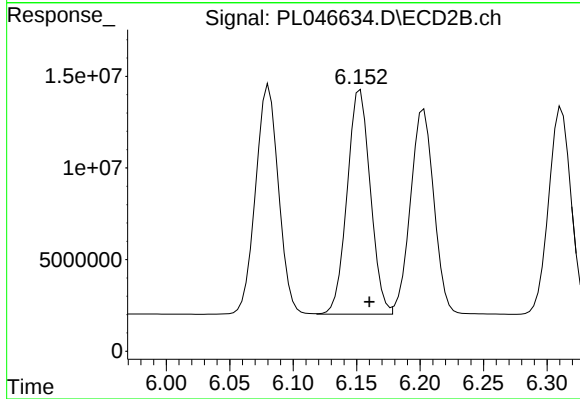
#11 alpha-Chlordane

R.T.: 5.308 min  
Delta R.T.: -0.006 min  
Response: 539666952  
Conc: 53.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

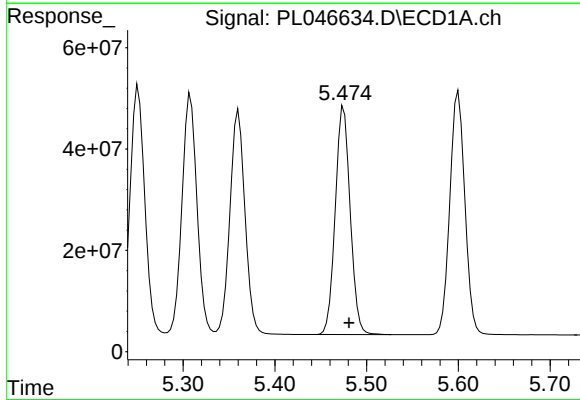
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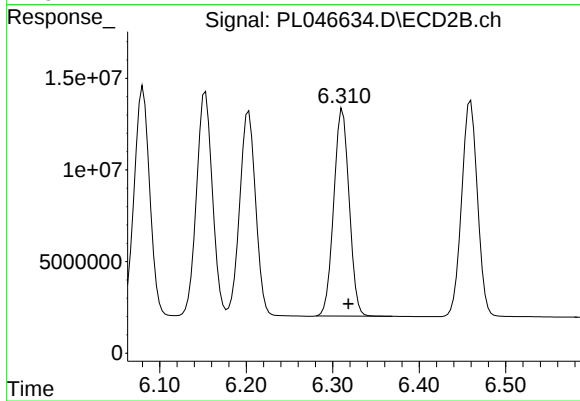
#11 alpha-Chlordane

R.T.: 6.153 min  
Delta R.T.: -0.007 min  
Response: 155775186  
Conc: 54.91 ng/ml



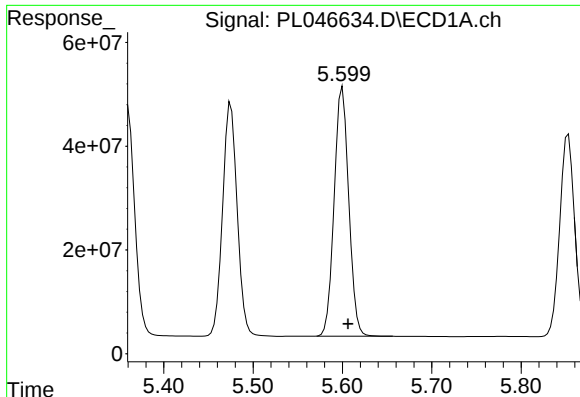
#12 4,4'-DDE

R.T.: 5.474 min  
Delta R.T.: -0.007 min  
Response: 510844697  
Conc: 55.48 ng/ml m



#12 4,4'-DDE

R.T.: 6.312 min  
Delta R.T.: -0.006 min  
Response: 139601080  
Conc: 56.24 ng/ml



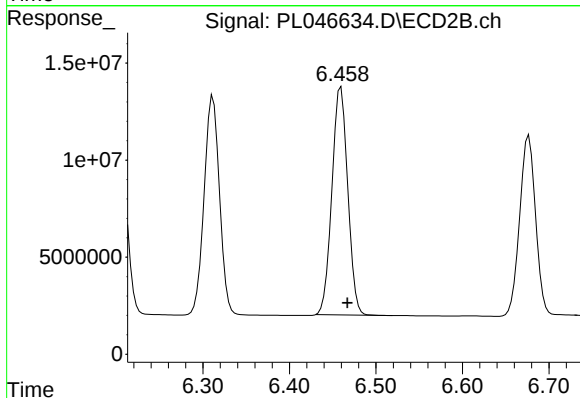
#13 Dieldrin

R.T.: 5.600 min  
Delta R.T.: -0.006 min  
Response: 545042315  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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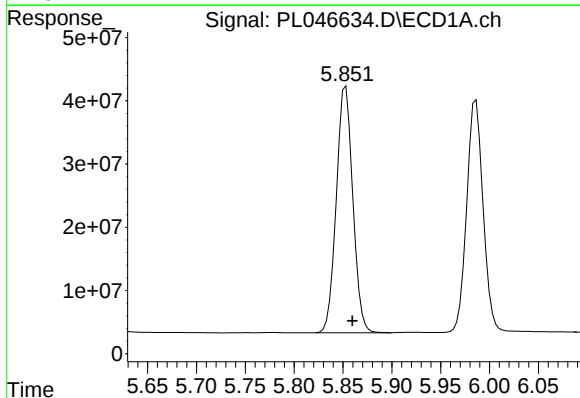
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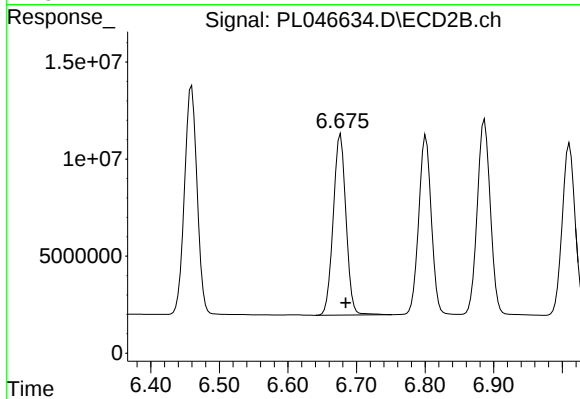
#13 Dieldrin

R.T.: 6.460 min  
Delta R.T.: -0.007 min  
Response: 148884274  
Conc: 54.93 ng/ml



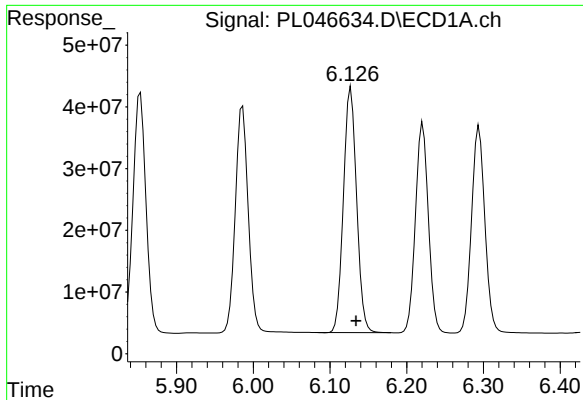
#14 Endrin

R.T.: 5.853 min  
Delta R.T.: -0.007 min  
Response: 459136814  
Conc: 48.74 ng/ml



#14 Endrin

R.T.: 6.677 min  
Delta R.T.: -0.008 min  
Response: 120471202  
Conc: 50.41 ng/ml



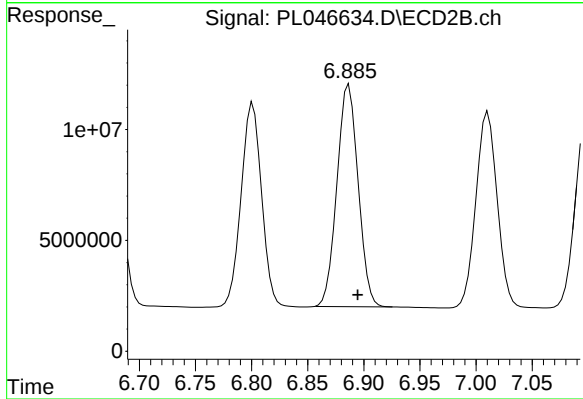
#15 Endosulfan II

R.T.: 6.127 min  
Delta R.T.: -0.007 min  
Response: 475480516  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

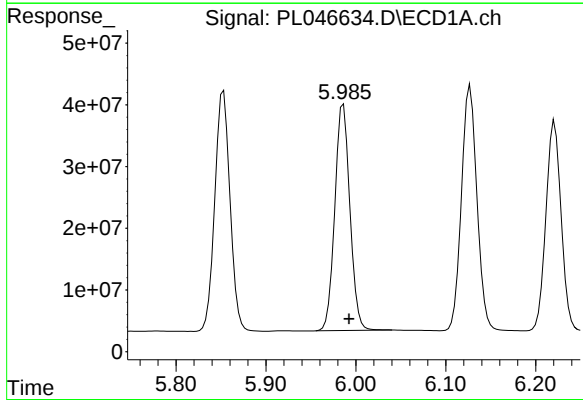
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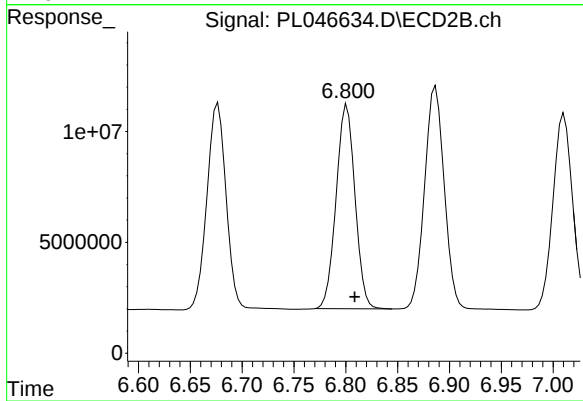
#15 Endosulfan II

R.T.: 6.887 min  
Delta R.T.: -0.008 min  
Response: 131702355  
Conc: 54.58 ng/ml



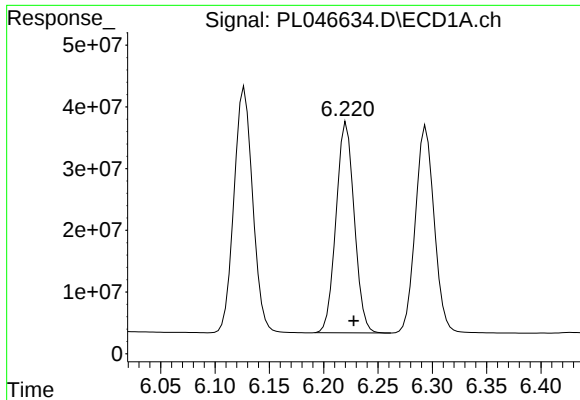
#16 4,4'-DDD

R.T.: 5.986 min  
Delta R.T.: -0.006 min  
Response: 428294015  
Conc: 56.66 ng/ml



#16 4,4'-DDD

R.T.: 6.801 min  
Delta R.T.: -0.007 min  
Response: 116659815  
Conc: 57.98 ng/ml



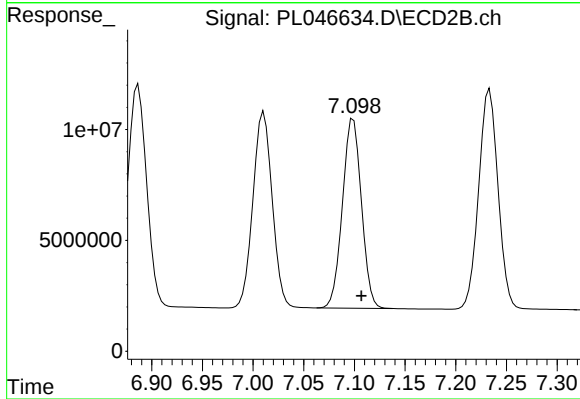
#17 4,4'-DDT

R.T.: 6.221 min  
Delta R.T.: -0.007 min  
Response: 398836511  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

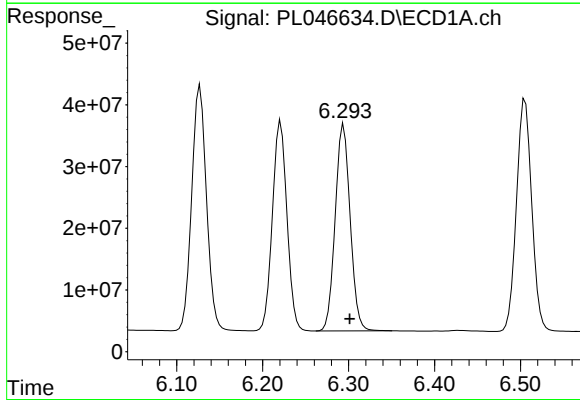
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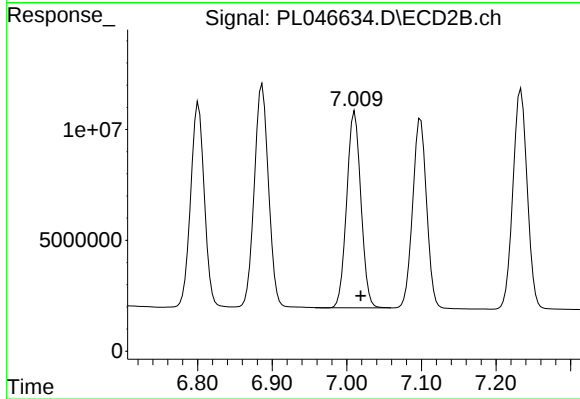
#17 4,4'-DDT

R.T.: 7.098 min  
Delta R.T.: -0.009 min  
Response: 111401376  
Conc: 53.13 ng/ml m



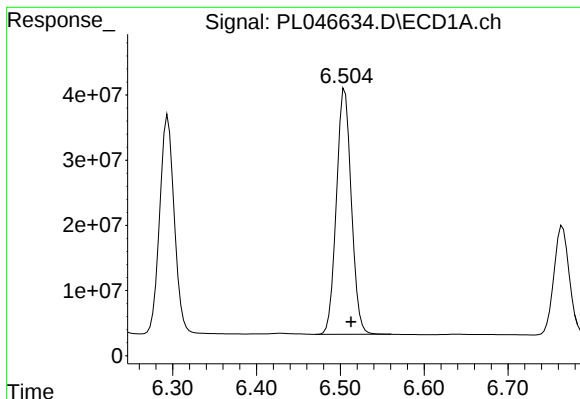
#18 Endrin aldehyde

R.T.: 6.294 min  
Delta R.T.: -0.007 min  
Response: 404275102  
Conc: 53.94 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min  
Delta R.T.: -0.008 min  
Response: 116729339  
Conc: 54.96 ng/ml



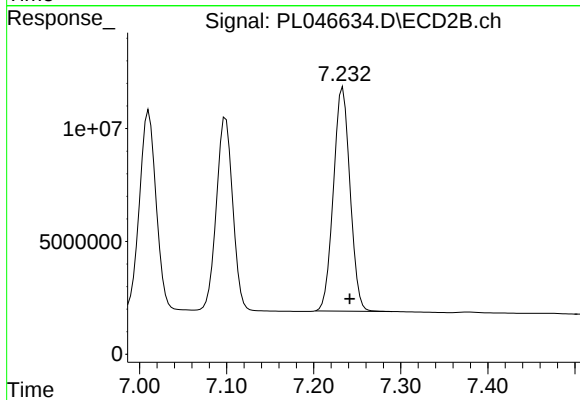
# #19 Endosulfan Sulfate

R.T.: 6.505 min  
Delta R.T.: -0.007 min  
Response: 465501859  
Conc: 56.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

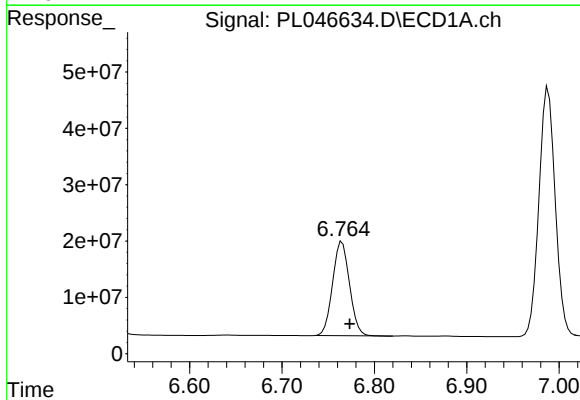
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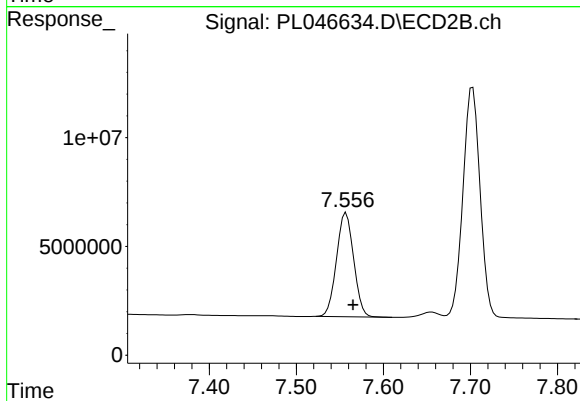
# #19 Endosulfan Sulfate

R.T.: 7.233 min  
Delta R.T.: -0.008 min  
Response: 131870813  
Conc: 55.90 ng/ml



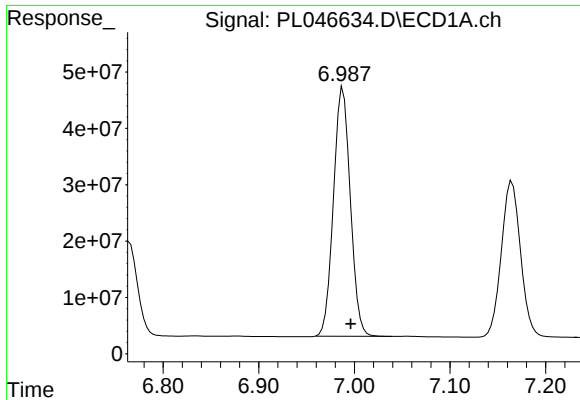
# #20 Methoxychlor

R.T.: 6.765 min  
Delta R.T.: -0.008 min  
Response: 212243107  
Conc: 49.94 ng/ml



# #20 Methoxychlor

R.T.: 7.557 min  
Delta R.T.: -0.008 min  
Response: 65445695  
Conc: 51.34 ng/ml



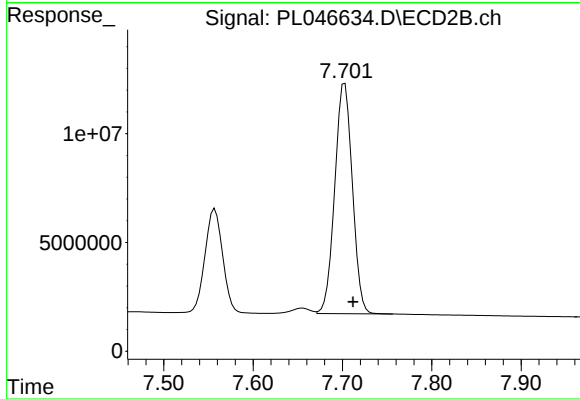
#21 Endrin ketone

R.T.: 6.988 min  
Delta R.T.: -0.008 min  
Response: 541423493  
Conc: 58.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

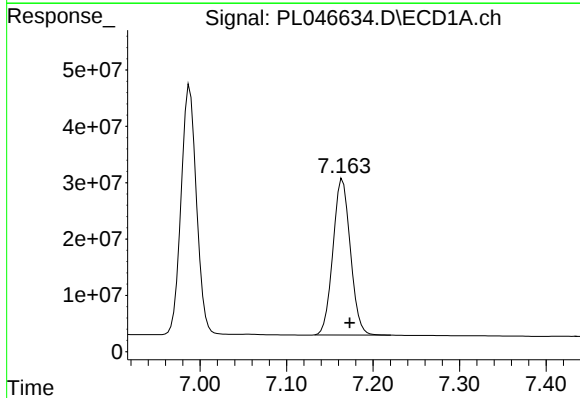
Manual Integrations  
APPROVED

mohammad  
3/29/2019 10:15:45 AM



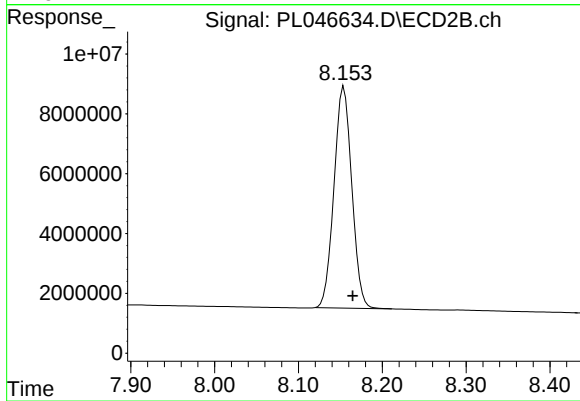
#21 Endrin ketone

R.T.: 7.703 min  
Delta R.T.: -0.009 min  
Response: 145221963  
Conc: 58.45 ng/ml



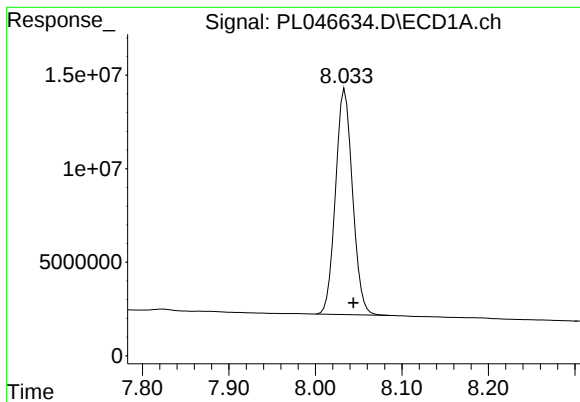
#22 Mirex

R.T.: 7.165 min  
Delta R.T.: -0.008 min  
Response: 385995689  
Conc: 52.98 ng/ml



#22 Mirex

R.T.: 8.154 min  
Delta R.T.: -0.011 min  
Response: 109165113  
Conc: 54.58 ng/ml



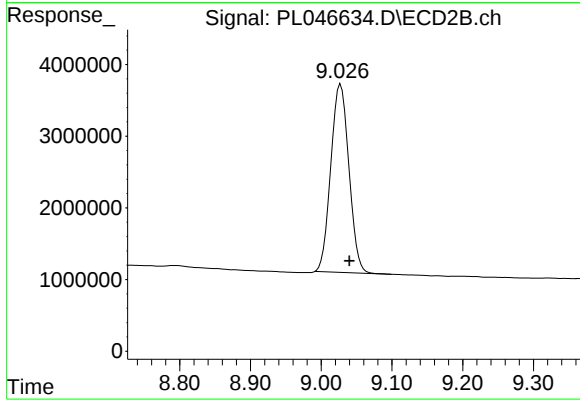
#28 Decachlorobiphenyl

R.T.: 8.034 min  
Delta R.T.: -0.010 min  
Response: 164095294  
Conc: 19.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118305BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: -0.012 min  
Response: 46690728  
Conc: 20.14 ng/ml