

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041219\  
 Data File : PL047340.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Apr 2019 19:06  
 Operator : AJ\SJ  
 Sample : PB118856BS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB118856BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 12 23:30:09 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... | 3.356 | 3.975 | 146.0E6 | 47377245 | 20.064  | 20.692  |
| 28)                         | SA Decachlor... | 8.031 | 9.026 | 185.5E6 | 54306144 | 22.055  | 23.423  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.785 | 4.365 | 645.8E6 | 173.8E6  | 55.376  | 54.088  |
| 3)                          | MA gamma-BHC... | 4.062 | 4.649 | 578.5E6 | 162.7E6  | 53.846  | 54.356  |
| 4)                          | MA Heptachlor   | 4.349 | 5.153 | 614.8E6 | 174.5E6  | 55.764  | 56.739m |
| 5)                          | MB Aldrin       | 4.589 | 5.458 | 581.2E6 | 160.9E6  | 56.342  | 56.161  |
| 6)                          | B beta-BHC      | 4.315 | 4.822 | 236.0E6 | 71466916 | 52.422  | 53.909  |
| 7)                          | B delta-BHC     | 4.511 | 5.036 | 540.5E6 | 136.7E6  | 53.391  | 58.919m |
| 8)                          | B Heptachlor... | 5.026 | 5.843 | 537.4E6 | 145.7E6  | 55.093  | 55.234m |
| 9)                          | A Endosulfan I  | 5.358 | 6.201 | 509.9E6 | 140.5E6  | 54.235  | 53.835  |
| 10)                         | B gamma-Chl...  | 5.249 | 6.078 | 552.8E6 | 152.9E6  | 53.810  | 53.886  |
| 11)                         | B alpha-Chl...  | 5.305 | 6.151 | 541.0E6 | 152.2E6  | 53.363  | 53.663  |
| 12)                         | B 4,4'-DDE      | 5.471 | 6.309 | 515.5E6 | 136.1E6  | 55.992m | 54.809  |
| 13)                         | MA Dieldrin     | 5.597 | 6.456 | 543.4E6 | 146.0E6  | 54.149  | 53.872m |
| 14)                         | MA Endrin       | 5.850 | 6.675 | 502.1E6 | 128.4E6  | 53.307  | 53.739  |
| 15)                         | B Endosulfa...  | 6.125 | 6.885 | 470.8E6 | 127.3E6  | 52.543  | 52.767  |
| 16)                         | A 4,4'-DDD      | 5.983 | 6.799 | 415.1E6 | 110.1E6  | 54.917  | 54.733  |
| 17)                         | MA 4,4'-DDT     | 6.218 | 7.095 | 416.7E6 | 115.1E6  | 55.009  | 54.889m |
| 18)                         | B Endrin al...  | 6.292 | 7.009 | 393.1E6 | 111.9E6  | 52.451  | 52.664  |
| 19)                         | B Endosulfa...  | 6.503 | 7.232 | 457.9E6 | 127.6E6  | 55.768  | 54.110  |
| 20)                         | A Methoxychlor  | 6.762 | 7.555 | 221.7E6 | 67464933 | 52.177  | 52.923  |
| 21)                         | B Endrin ke...  | 6.985 | 7.701 | 511.2E6 | 136.6E6  | 55.284m | 54.989  |
| 22)                         | Mirex           | 7.161 | 8.152 | 373.1E6 | 106.3E6  | 51.213  | 53.146  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041219\  
Data File : PL047340.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Apr 2019 19:06  
Operator : AJ\SJ  
Sample : PB118856BS  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

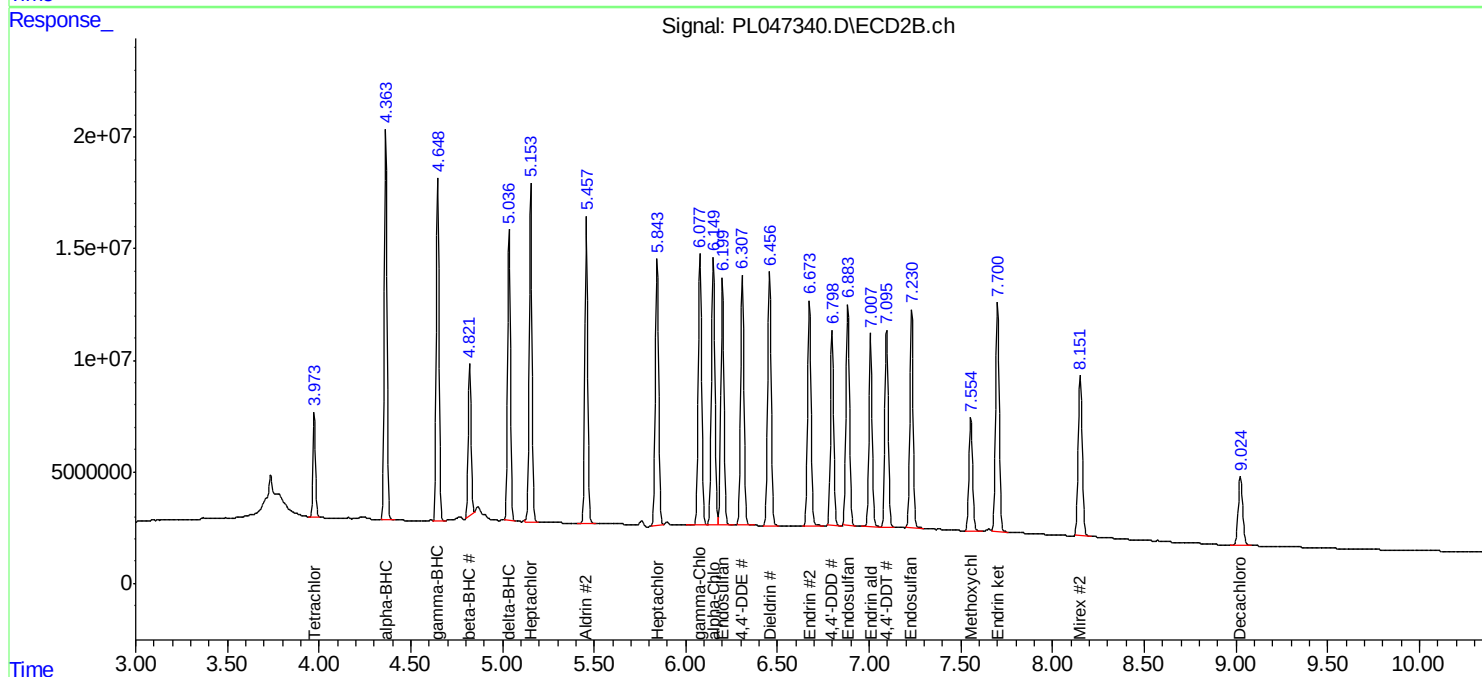
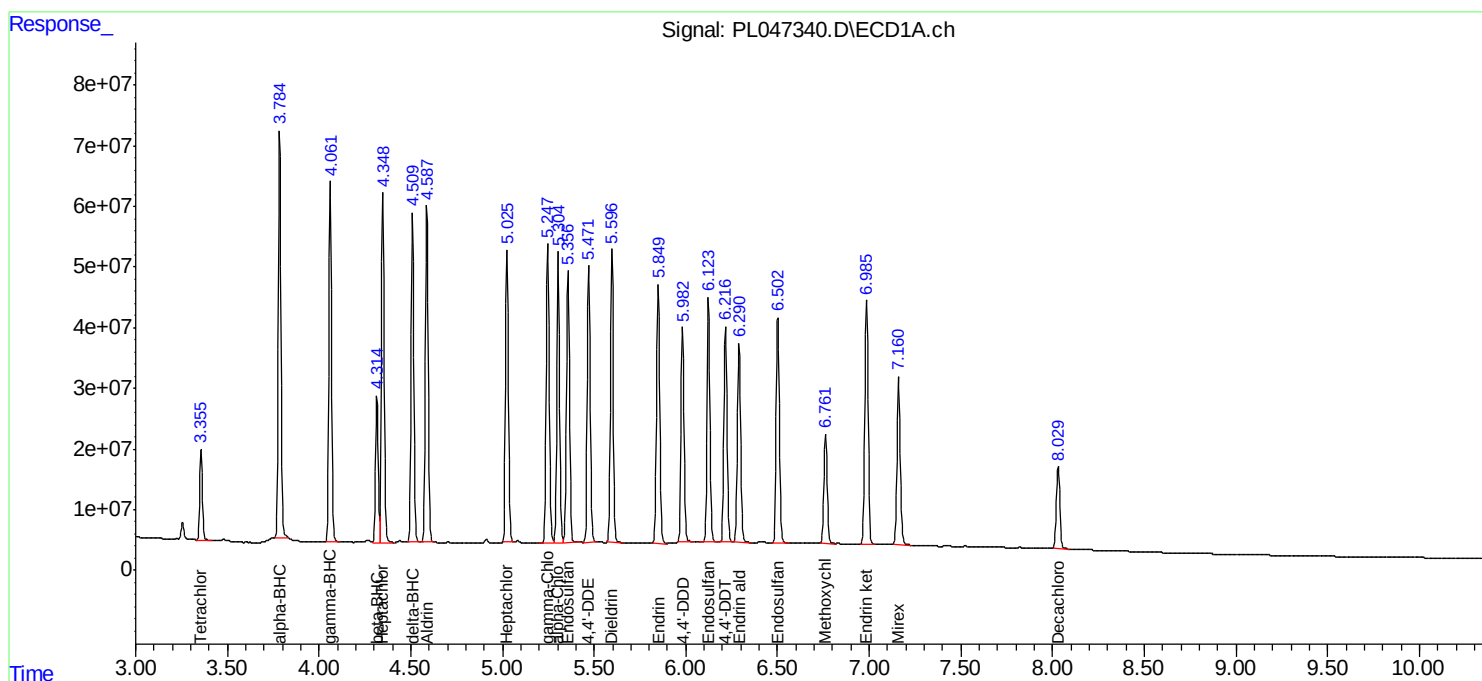
Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

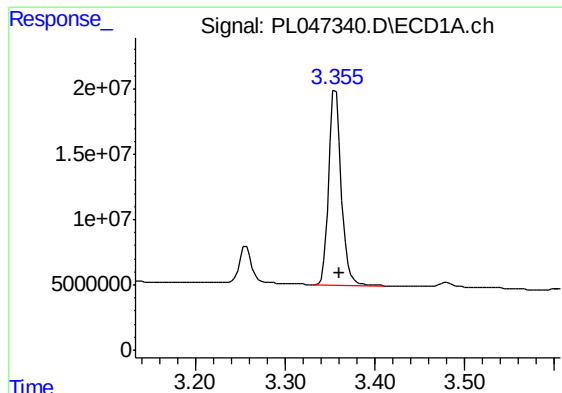
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 12 23:30:09 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
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





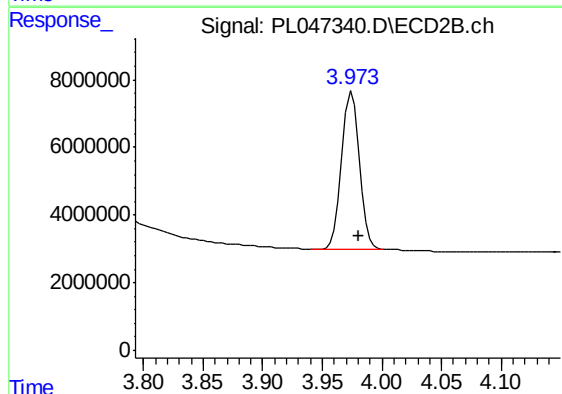
#1 Tetrachloro-m-xylene

R.T.: 3.356 min  
Delta R.T.: -0.005 min  
Response: 145960176  
Conc: 20.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

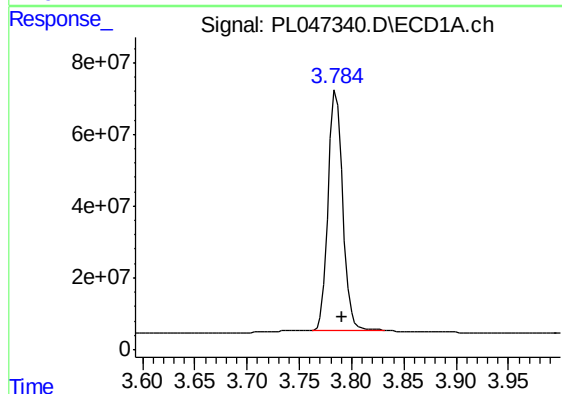
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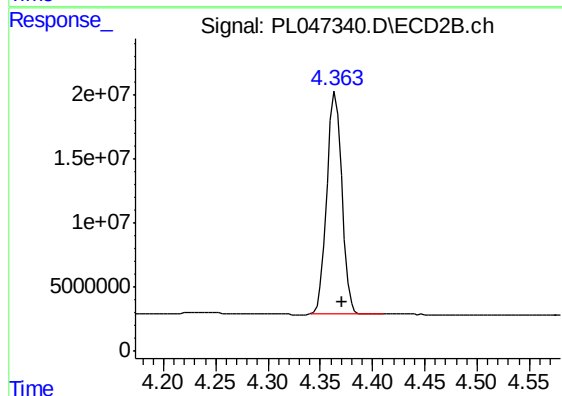
#1 Tetrachloro-m-xylene

R.T.: 3.975 min  
Delta R.T.: -0.006 min  
Response: 47377245  
Conc: 20.69 ng/ml



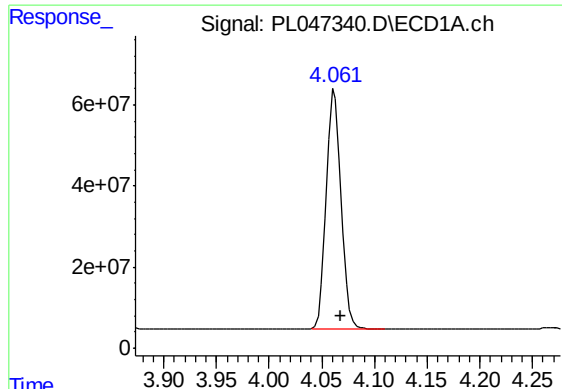
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: -0.005 min  
Response: 645799004  
Conc: 55.38 ng/ml



#2 alpha-BHC

R.T.: 4.365 min  
Delta R.T.: -0.006 min  
Response: 173800290  
Conc: 54.09 ng/ml



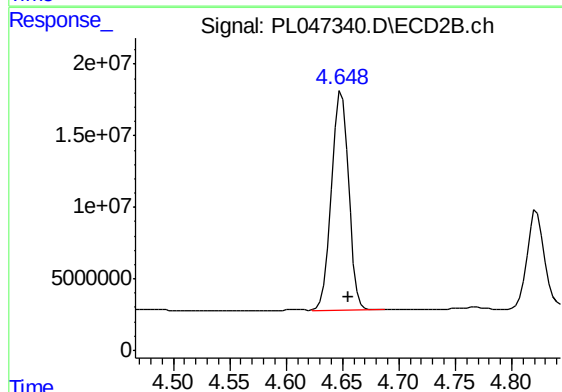
#3 gamma-BHC (Lindane)

R.T.: 4.062 min  
Delta R.T.: -0.006 min  
Response: 578544626  
Conc: 53.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

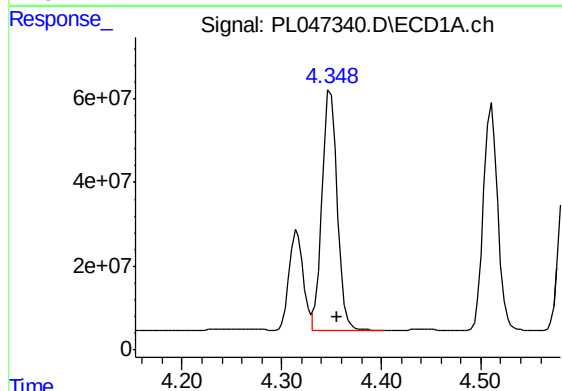
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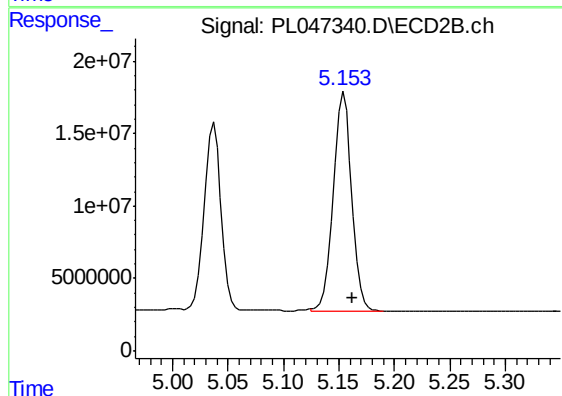
#3 gamma-BHC (Lindane)

R.T.: 4.649 min  
Delta R.T.: -0.007 min  
Response: 162688055  
Conc: 54.36 ng/ml



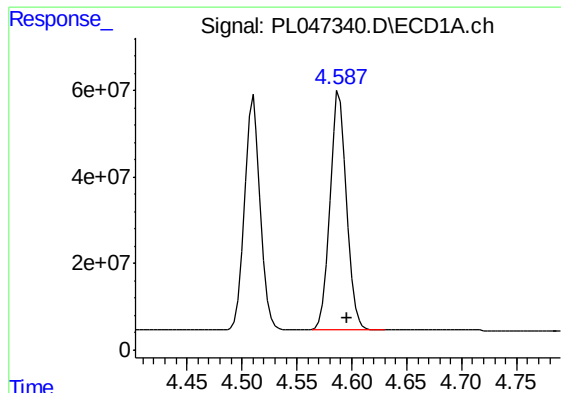
#4 Heptachlor

R.T.: 4.349 min  
Delta R.T.: -0.007 min  
Response: 614805436  
Conc: 55.76 ng/ml



#4 Heptachlor

R.T.: 5.153 min  
Delta R.T.: -0.009 min  
Response: 174521774  
Conc: 56.74 ng/ml m



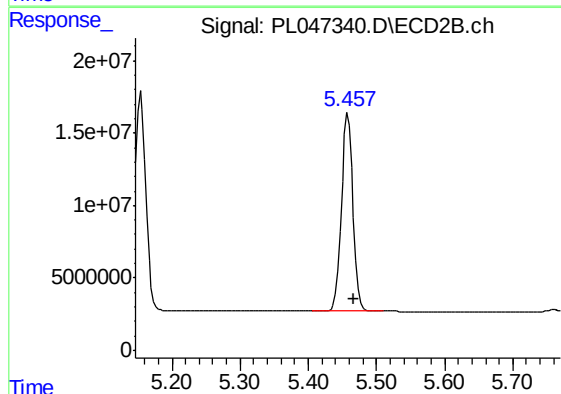
#5 Aldrin

R.T.: 4.589 min  
Delta R.T.: -0.007 min  
Response: 581168006  
Conc: 56.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

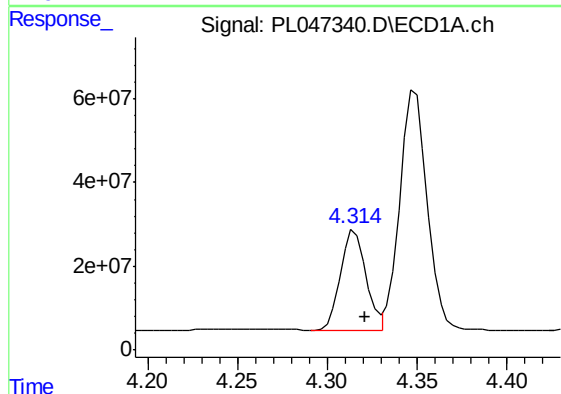
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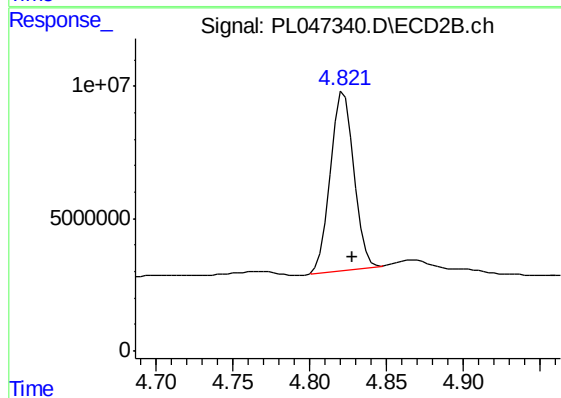
#5 Aldrin

R.T.: 5.458 min  
Delta R.T.: -0.008 min  
Response: 160899126  
Conc: 56.16 ng/ml



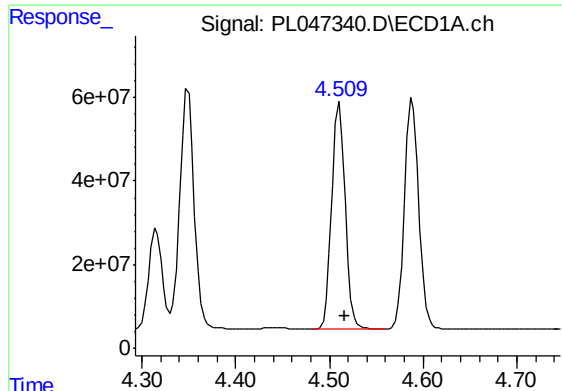
#6 beta-BHC

R.T.: 4.315 min  
Delta R.T.: -0.006 min  
Response: 236026758  
Conc: 52.42 ng/ml



#6 beta-BHC

R.T.: 4.822 min  
Delta R.T.: -0.006 min  
Response: 71466916  
Conc: 53.91 ng/ml



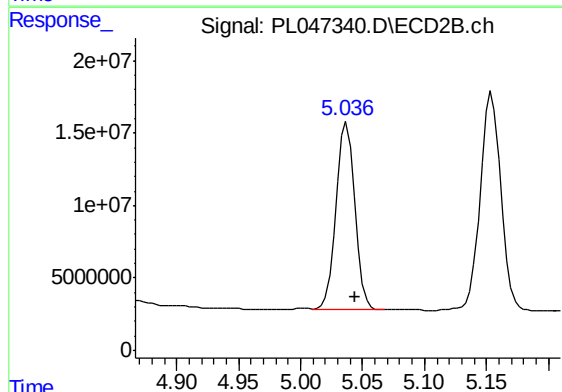
#7 delta-BHC

R.T.: 4.511 min  
Delta R.T.: -0.006 min  
Response: 540480785  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

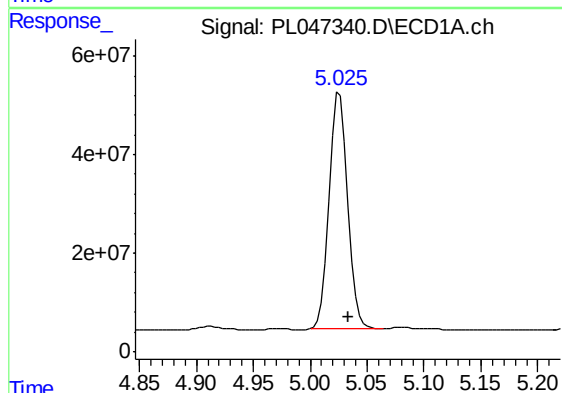
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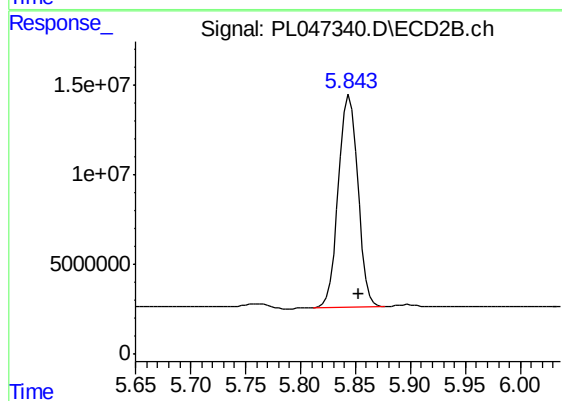
#7 delta-BHC

R.T.: 5.036 min  
Delta R.T.: -0.008 min  
Response: 136702259  
Conc: 58.92 ng/ml m



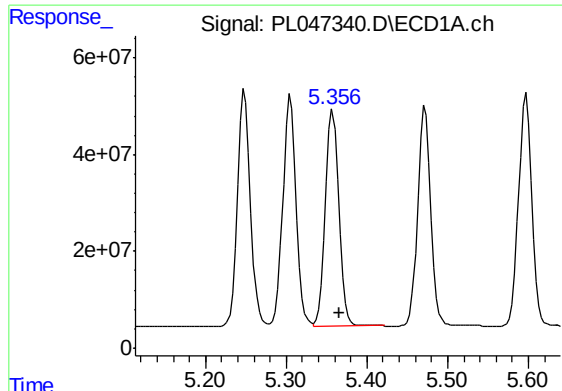
#8 Heptachlor epoxide

R.T.: 5.026 min  
Delta R.T.: -0.008 min  
Response: 537355490  
Conc: 55.09 ng/ml



#8 Heptachlor epoxide

R.T.: 5.843 min  
Delta R.T.: -0.010 min  
Response: 145661530  
Conc: 55.23 ng/ml m



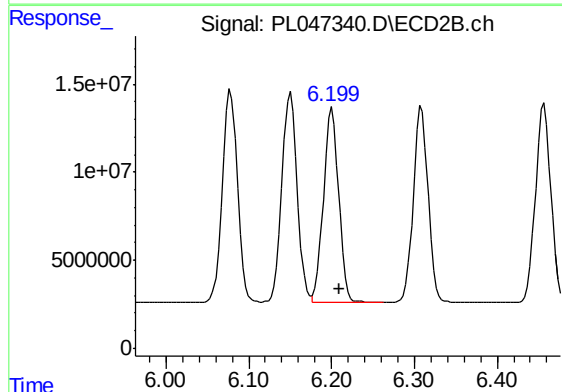
#9 Endosulfan I

R.T.: 5.358 min  
Delta R.T.: -0.009 min  
Response: 509931867  
Conc: 54.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

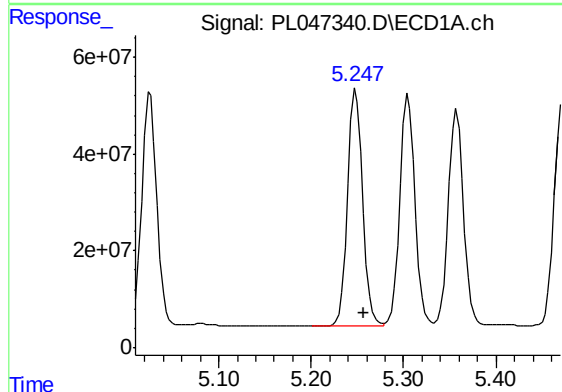
Manual Integrations  
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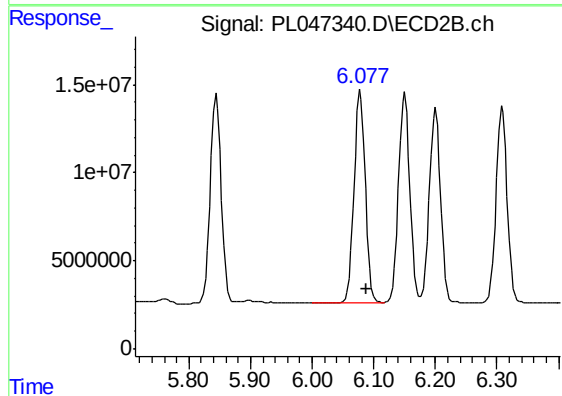
#9 Endosulfan I

R.T.: 6.201 min  
Delta R.T.: -0.009 min  
Response: 140502184  
Conc: 53.83 ng/ml



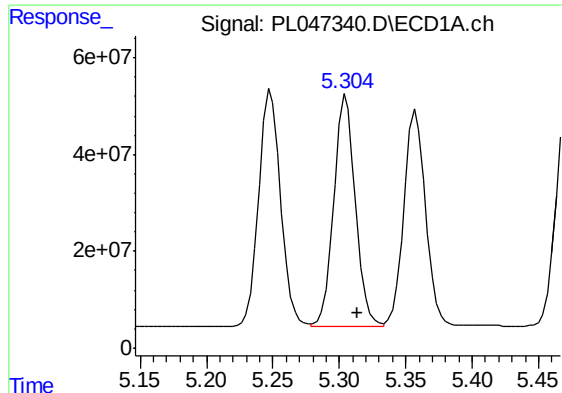
#10 gamma-Chlordane

R.T.: 5.249 min  
Delta R.T.: -0.008 min  
Response: 552763377  
Conc: 53.81 ng/ml



#10 gamma-Chlordane

R.T.: 6.078 min  
Delta R.T.: -0.009 min  
Response: 152934370  
Conc: 53.89 ng/ml



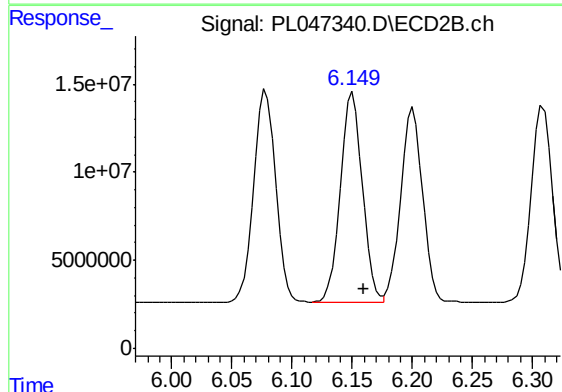
#11 alpha-Chlordane

R.T.: 5.305 min  
Delta R.T.: -0.009 min  
Response: 541045819  
Conc: 53.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

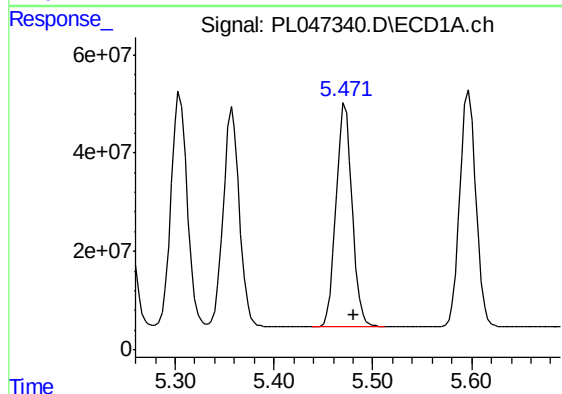
Manual Integrations  
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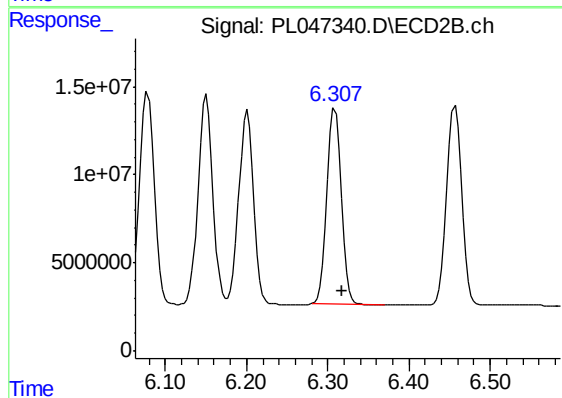
#11 alpha-Chlordane

R.T.: 6.151 min  
Delta R.T.: -0.010 min  
Response: 152224593  
Conc: 53.66 ng/ml



#12 4,4'-DDE

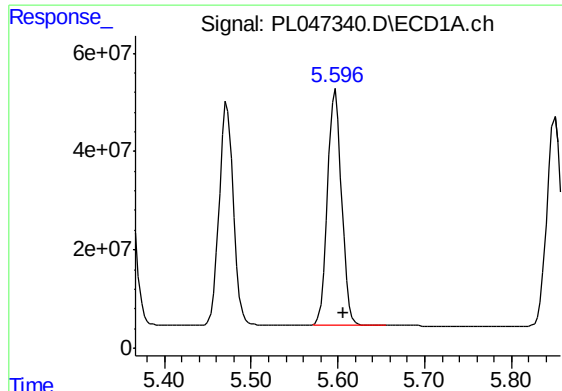
R.T.: 5.471 min  
Delta R.T.: -0.010 min  
Response: 515512551  
Conc: 55.99 ng/ml m



#12 4,4'-DDE

R.T.: 6.309 min  
Delta R.T.: -0.009 min  
Response: 136054847  
Conc: 54.81 ng/ml





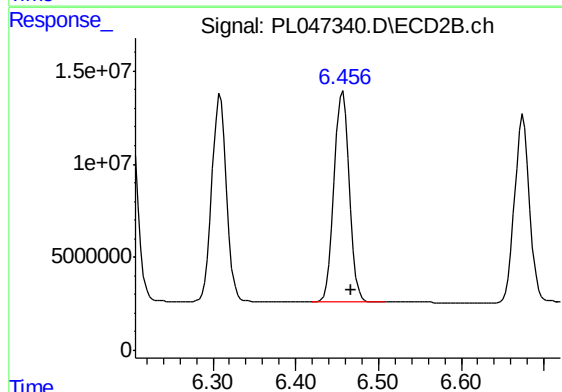
#13 Dieldrin

R.T.: 5.597 min  
Delta R.T.: -0.009 min  
Response: 543416721  
Conc: 54.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

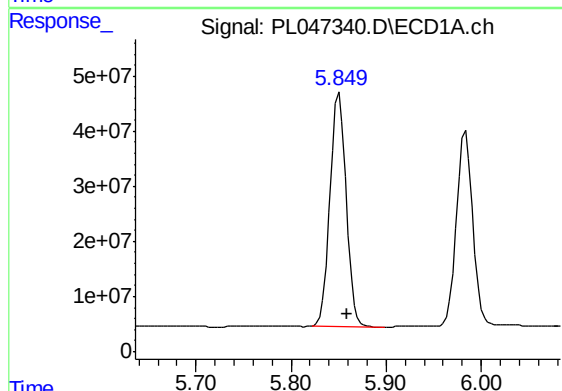
Manual Integrations  
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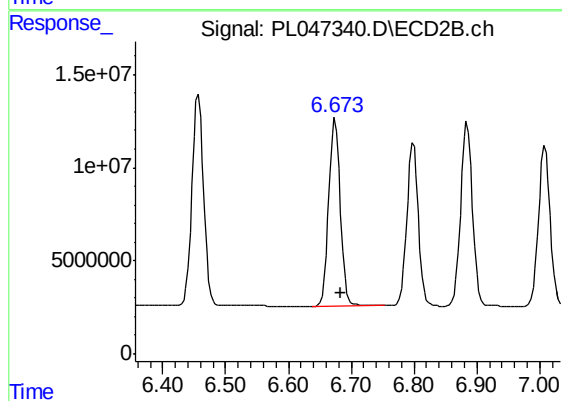
#13 Dieldrin

R.T.: 6.456 min  
Delta R.T.: -0.011 min  
Response: 146029694  
Conc: 53.87 ng/ml m



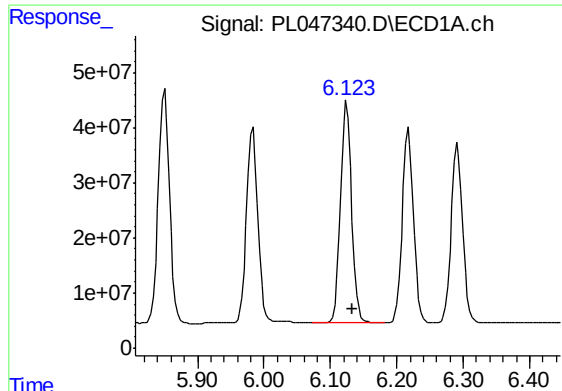
#14 Endrin

R.T.: 5.850 min  
Delta R.T.: -0.009 min  
Response: 502111912  
Conc: 53.31 ng/ml



#14 Endrin

R.T.: 6.675 min  
Delta R.T.: -0.010 min  
Response: 128423510  
Conc: 53.74 ng/ml



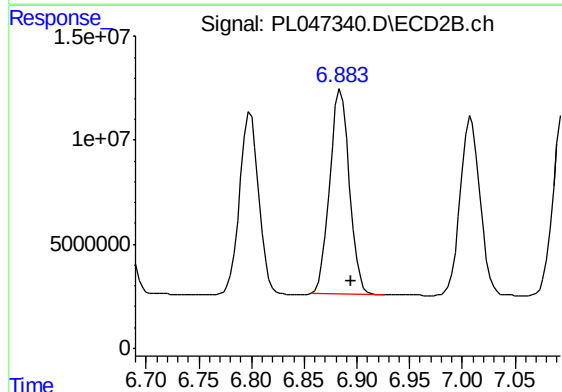
#15 Endosulfan II

R.T.: 6.125 min  
Delta R.T.: -0.009 min  
Response: 470762114  
Conc: 52.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

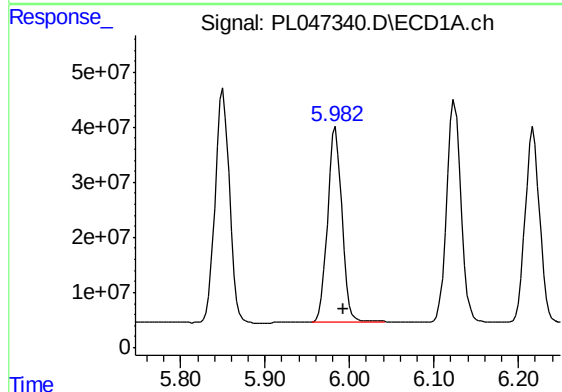
Manual Integrations  
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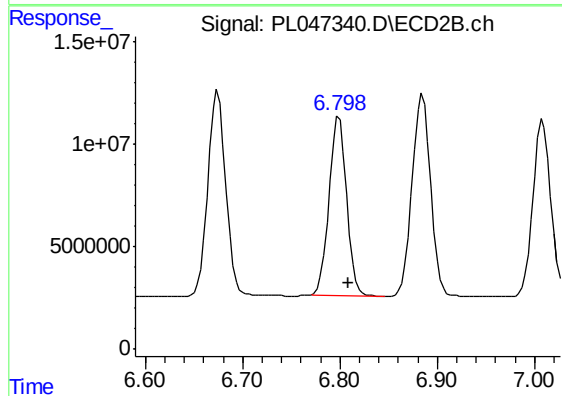
#15 Endosulfan II

R.T.: 6.885 min  
Delta R.T.: -0.010 min  
Response: 127322153  
Conc: 52.77 ng/ml



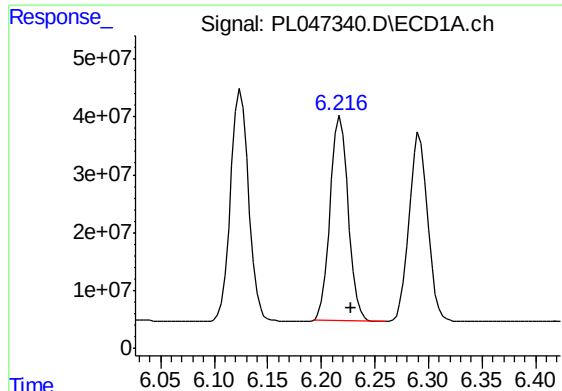
#16 4,4'-DDD

R.T.: 5.983 min  
Delta R.T.: -0.009 min  
Response: 415119971  
Conc: 54.92 ng/ml



#16 4,4'-DDD

R.T.: 6.799 min  
Delta R.T.: -0.010 min  
Response: 110125215  
Conc: 54.73 ng/ml



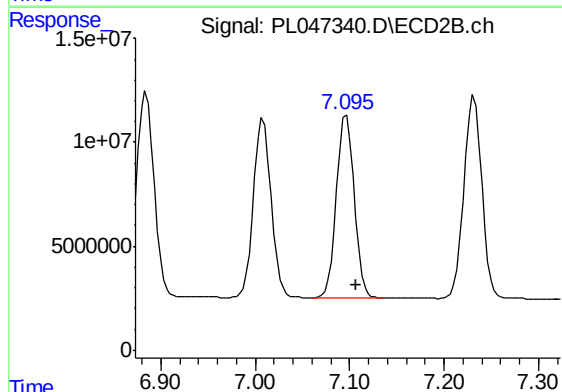
#17 4,4'-DDT

R.T.: 6.218 min  
Delta R.T.: -0.010 min  
Response: 416659938  
Conc: 55.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

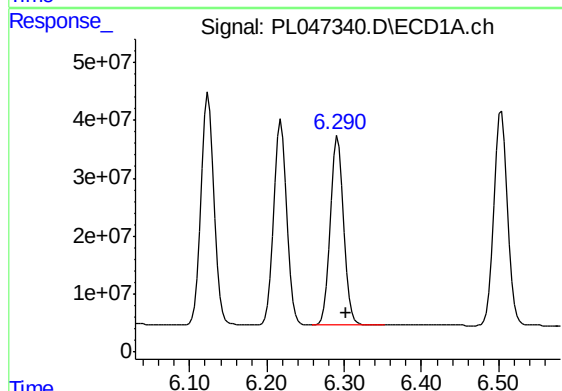
Manual Integrations  
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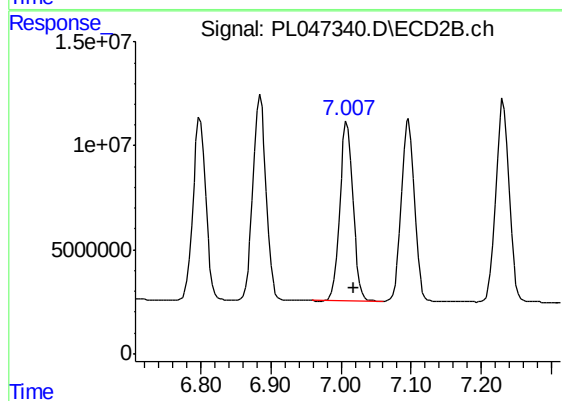
#17 4,4'-DDT

R.T.: 7.095 min  
Delta R.T.: -0.012 min  
Response: 115099660  
Conc: 54.89 ng/ml m



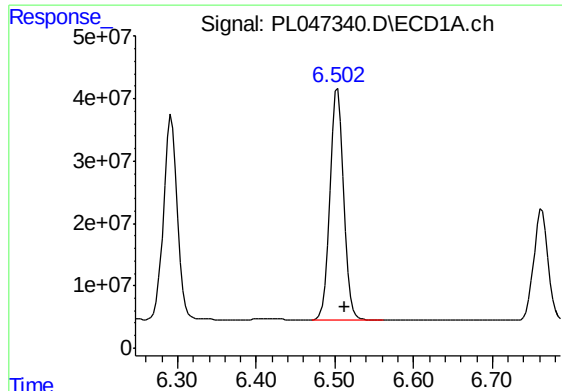
#18 Endrin aldehyde

R.T.: 6.292 min  
Delta R.T.: -0.010 min  
Response: 393129102  
Conc: 52.45 ng/ml



#18 Endrin aldehyde

R.T.: 7.009 min  
Delta R.T.: -0.010 min  
Response: 111858579  
Conc: 52.66 ng/ml



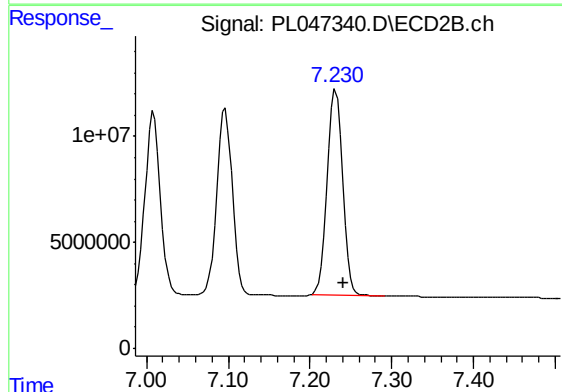
#19 Endosulfan Sulfate

R.T.: 6.503 min  
Delta R.T.: -0.010 min  
Response: 457924380  
Conc: 55.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

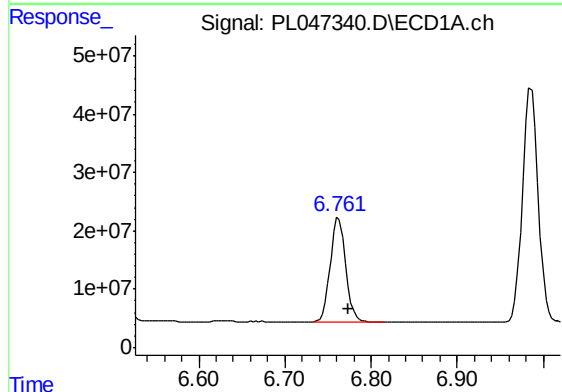
Manual Integrations  
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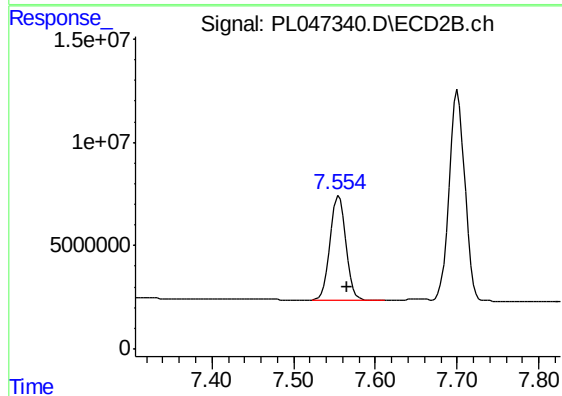
#19 Endosulfan Sulfate

R.T.: 7.232 min  
Delta R.T.: -0.010 min  
Response: 127644505  
Conc: 54.11 ng/ml



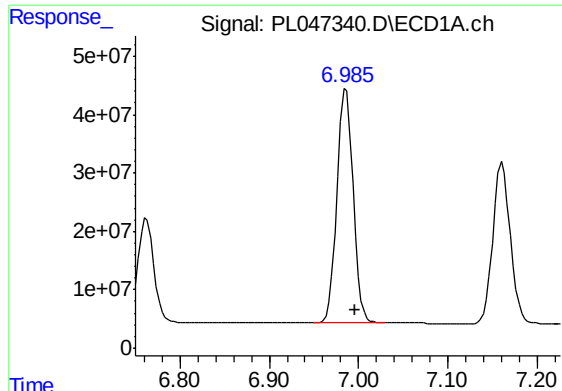
#20 Methoxychlor

R.T.: 6.762 min  
Delta R.T.: -0.011 min  
Response: 221744143  
Conc: 52.18 ng/ml



#20 Methoxychlor

R.T.: 7.555 min  
Delta R.T.: -0.010 min  
Response: 67464933  
Conc: 52.92 ng/ml



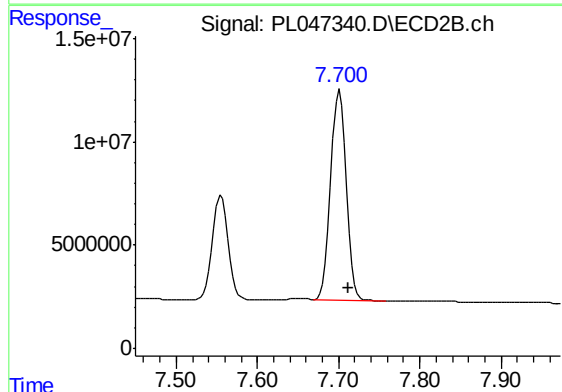
#21 Endrin ketone

R.T.: 6.985 min  
Delta R.T.: -0.012 min  
Response: 511196099  
Conc: 55.28 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

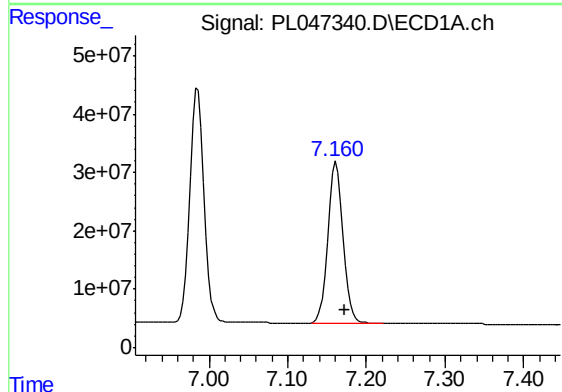
Manual Integrations  
APPROVED

Sohil  
4/15/2019 9:27:48 AM



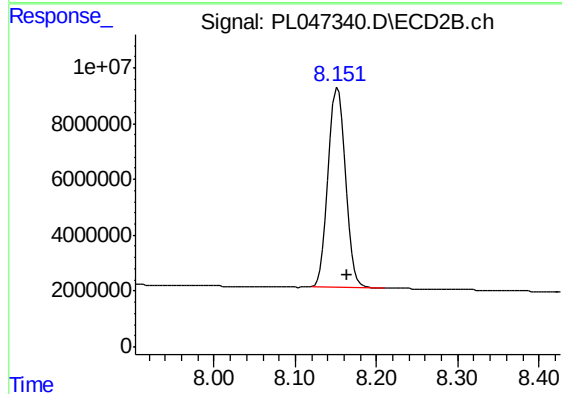
#21 Endrin ketone

R.T.: 7.701 min  
Delta R.T.: -0.011 min  
Response: 136623192  
Conc: 54.99 ng/ml



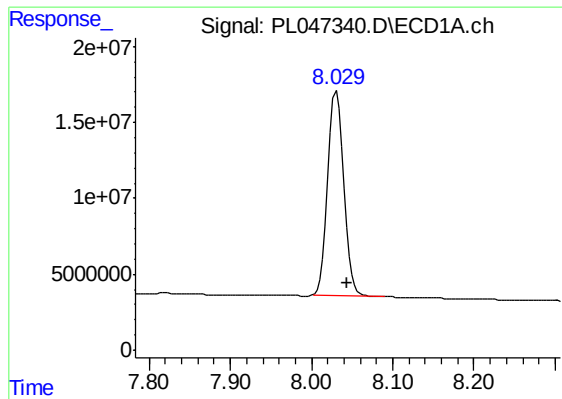
#22 Mirex

R.T.: 7.161 min  
Delta R.T.: -0.012 min  
Response: 373111184  
Conc: 51.21 ng/ml



#22 Mirex

R.T.: 8.152 min  
Delta R.T.: -0.013 min  
Response: 106301295  
Conc: 53.15 ng/ml



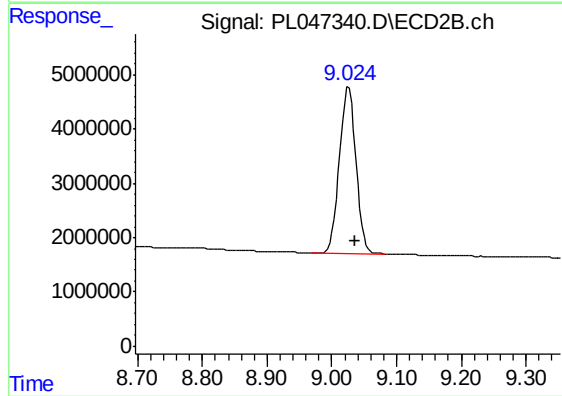
#28 Decachlorobiphenyl

R.T.: 8.031 min  
Delta R.T.: -0.013 min  
Response: 185502024  
Conc: 22.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118856BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: -0.009 min  
Response: 54306144  
Conc: 23.42 ng/ml