

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040419\  
 Data File : PL047031.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Apr 2019 16:33  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleID :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 00:56:04 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 | 352.2E6 | 114.2E6  | 48.416  | 49.888  |
| 28)                         | SA Decachlor... | 8.034 | 9.029 | 401.9E6 | 116.3E6  | 47.784  | 50.145  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.787 | 4.366 | 587.7E6 | 164.6E6  | 50.397  | 51.219  |
| 3)                          | MA gamma-BHC... | 4.065 | 4.650 | 527.7E6 | 152.7E6  | 49.117  | 51.026  |
| 4)                          | MA Heptachlor   | 4.351 | 5.156 | 545.4E6 | 153.6E6  | 49.472  | 49.921  |
| 5)                          | MB Aldrin       | 4.591 | 5.460 | 511.9E6 | 145.6E6  | 49.622  | 50.829  |
| 6)                          | B beta-BHC      | 4.317 | 4.823 | 215.8E6 | 67794834 | 47.921  | 51.139  |
| 7)                          | B delta-BHC     | 4.513 | 5.037 | 508.0E6 | 132.4E6  | 50.186  | 57.079m |
| 8)                          | B Heptachlor... | 5.028 | 5.845 | 480.9E6 | 139.6E6  | 49.307  | 52.937m |
| 9)                          | A Endosulfan I  | 5.360 | 6.203 | 457.4E6 | 130.0E6  | 48.650  | 49.817  |
| 10)                         | B gamma-Chl...  | 5.251 | 6.081 | 501.3E6 | 141.9E6  | 48.797  | 50.005  |
| 11)                         | B alpha-Chl...  | 5.308 | 6.153 | 491.4E6 | 141.2E6  | 48.466  | 49.765  |
| 12)                         | B 4,4'-DDE      | 5.473 | 6.311 | 457.8E6 | 124.1E6  | 49.729m | 50.000  |
| 13)                         | MA Dieldrin     | 5.600 | 6.460 | 492.9E6 | 133.8E6  | 49.115  | 49.354  |
| 14)                         | MA Endrin       | 5.852 | 6.677 | 443.8E6 | 113.1E6  | 47.112  | 47.343  |
| 15)                         | B Endosulfa...  | 6.127 | 6.887 | 434.2E6 | 119.7E6  | 48.461  | 49.609  |
| 16)                         | A 4,4'-DDD      | 5.986 | 6.801 | 378.6E6 | 102.1E6  | 50.086  | 50.741  |
| 17)                         | MA 4,4'-DDT     | 6.221 | 7.098 | 373.5E6 | 102.8E6  | 49.311  | 49.009m |
| 18)                         | B Endrin al...  | 6.294 | 7.011 | 360.5E6 | 104.0E6  | 48.092  | 48.972  |
| 19)                         | B Endosulfa...  | 6.505 | 7.234 | 401.5E6 | 114.2E6  | 48.894  | 48.427  |
| 20)                         | A Methoxychlor  | 6.765 | 7.558 | 199.3E6 | 60290226 | 46.894  | 47.295  |
| 21)                         | B Endrin ke...  | 6.987 | 7.703 | 468.5E6 | 125.0E6  | 50.665m | 50.318  |
| 22)                         | Mirex           | 7.164 | 8.155 | 337.1E6 | 98649464 | 46.270  | 49.320  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040419\  
Data File : PL047031.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Apr 2019 16:33  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

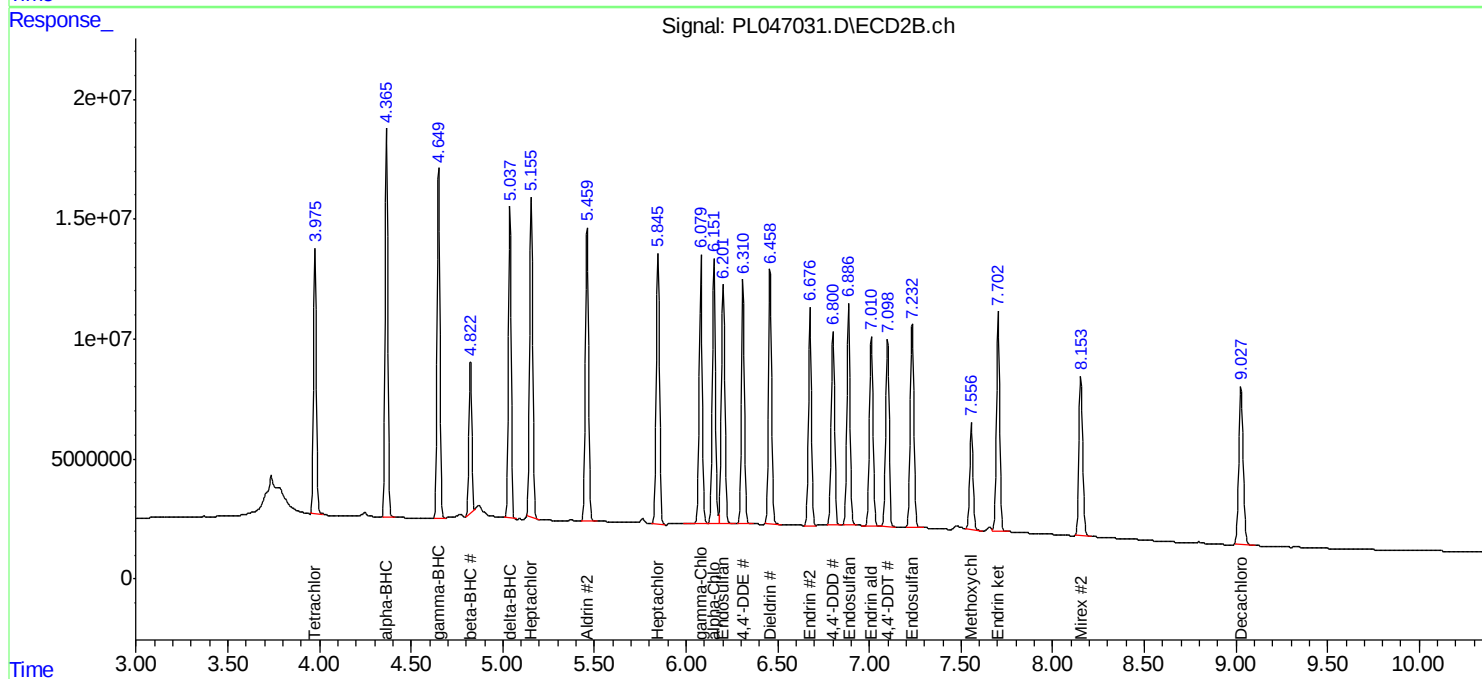
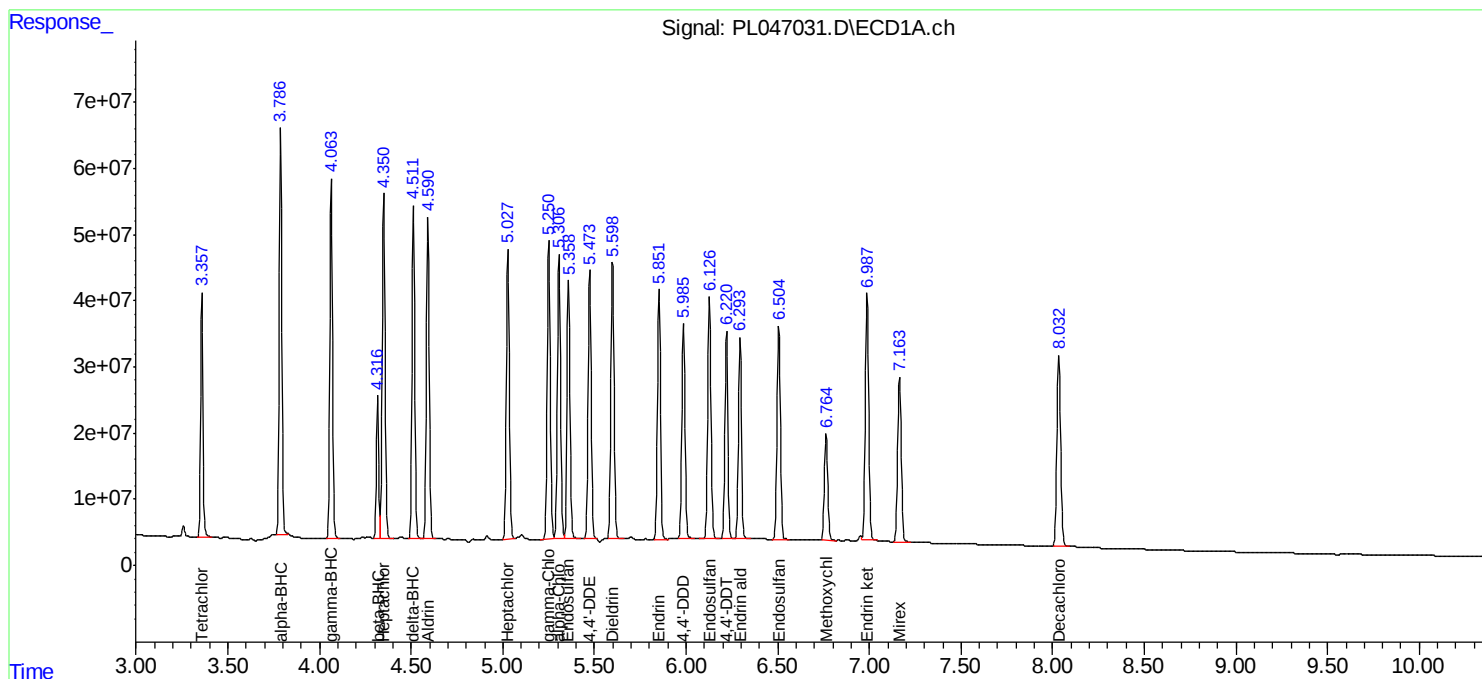
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

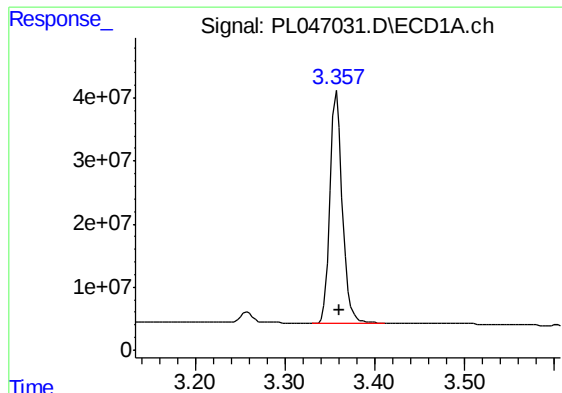
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 00:56:04 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
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





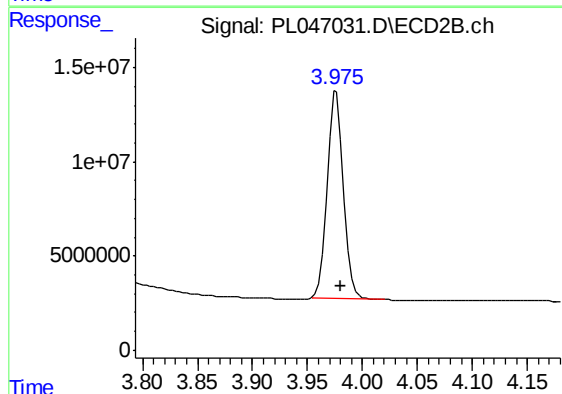
#1 Tetrachloro-m-xylene

R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 352207630  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

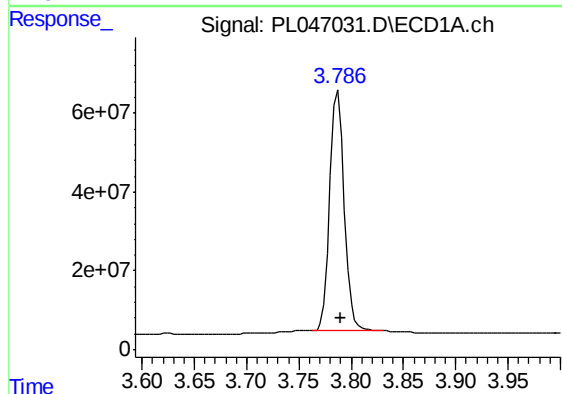
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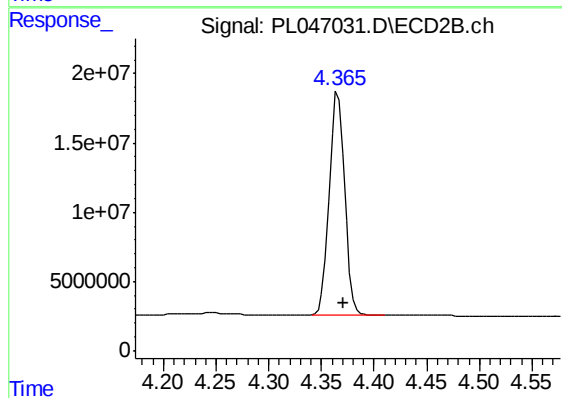
#1 Tetrachloro-m-xylene

R.T.: 3.977 min  
Delta R.T.: -0.004 min  
Response: 114223752  
Conc: 49.89 ng/ml



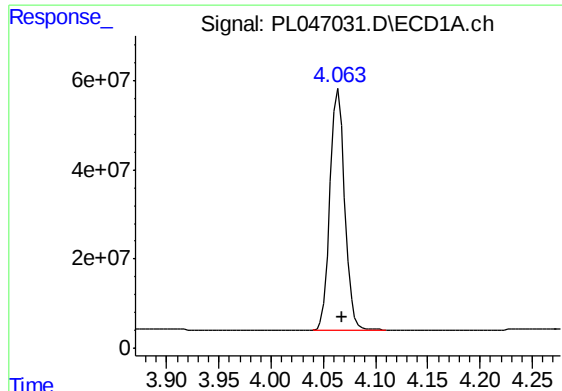
#2 alpha-BHC

R.T.: 3.787 min  
Delta R.T.: -0.003 min  
Response: 587728345  
Conc: 50.40 ng/ml



#2 alpha-BHC

R.T.: 4.366 min  
Delta R.T.: -0.005 min  
Response: 164582728  
Conc: 51.22 ng/ml



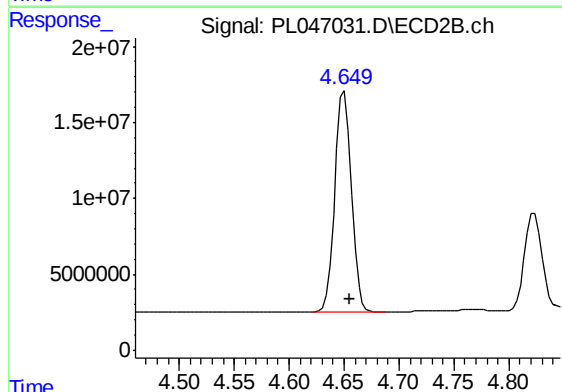
#3 gamma-BHC (Lindane)

R.T.: 4.065 min  
Delta R.T.: -0.004 min  
Response: 527738548  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

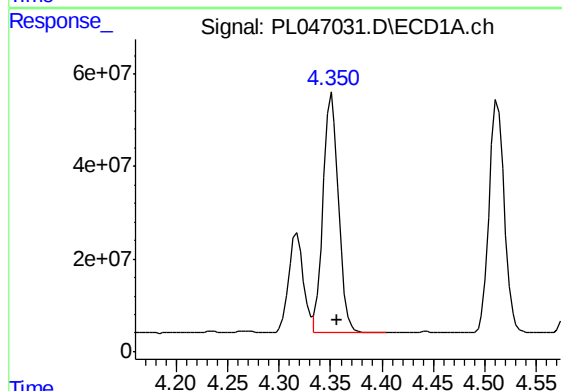
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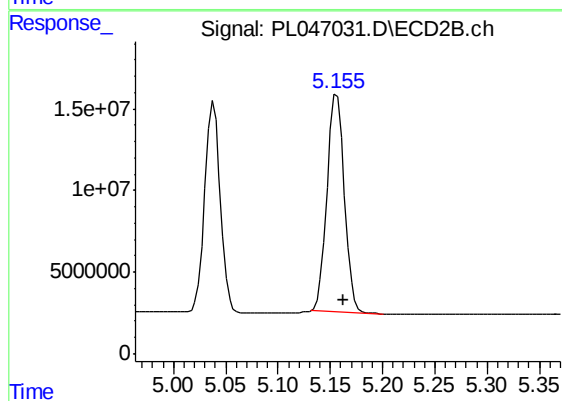
#3 gamma-BHC (Lindane)

R.T.: 4.650 min  
Delta R.T.: -0.005 min  
Response: 152720953  
Conc: 51.03 ng/ml



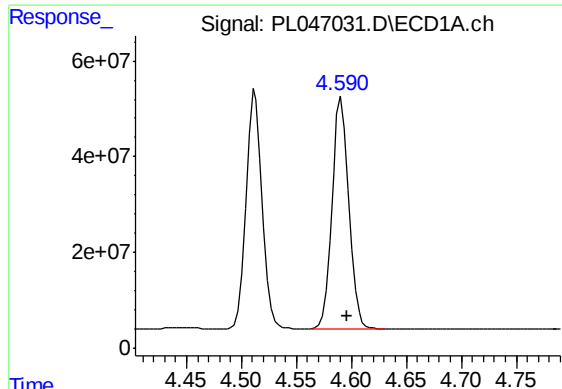
#4 Heptachlor

R.T.: 4.351 min  
Delta R.T.: -0.004 min  
Response: 545433351  
Conc: 49.47 ng/ml



#4 Heptachlor

R.T.: 5.156 min  
Delta R.T.: -0.006 min  
Response: 153551348  
Conc: 49.92 ng/ml



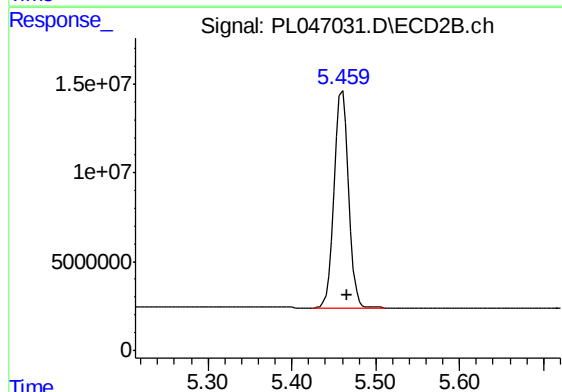
#5 Aldrin

R.T.: 4.591 min  
Delta R.T.: -0.005 min  
Response: 511852813  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

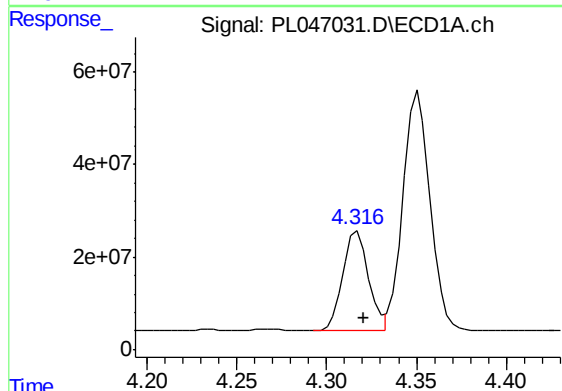
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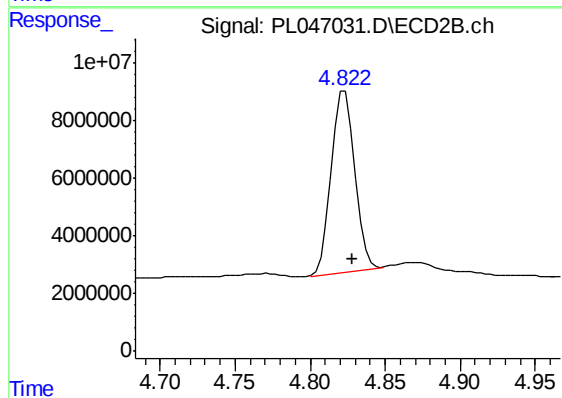
#5 Aldrin

R.T.: 5.460 min  
Delta R.T.: -0.006 min  
Response: 145623290  
Conc: 50.83 ng/ml



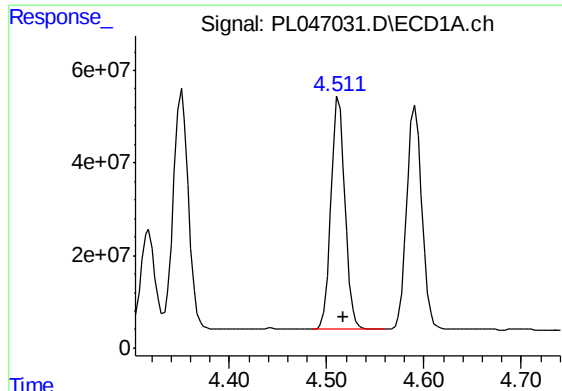
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: -0.004 min  
Response: 215759341  
Conc: 47.92 ng/ml



#6 beta-BHC

R.T.: 4.823 min  
Delta R.T.: -0.005 min  
Response: 67794834  
Conc: 51.14 ng/ml



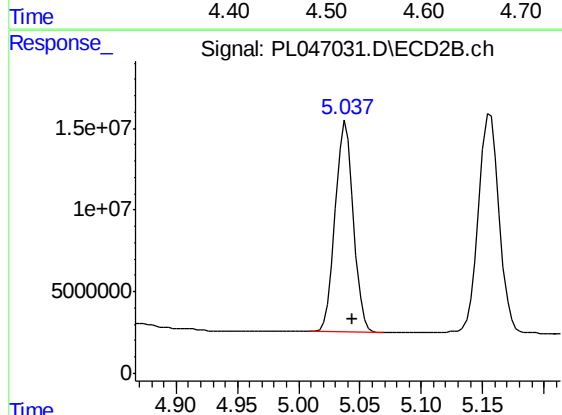
#7 delta-BHC

R.T.: 4.513 min  
Delta R.T.: -0.004 min  
Response: 508039063  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

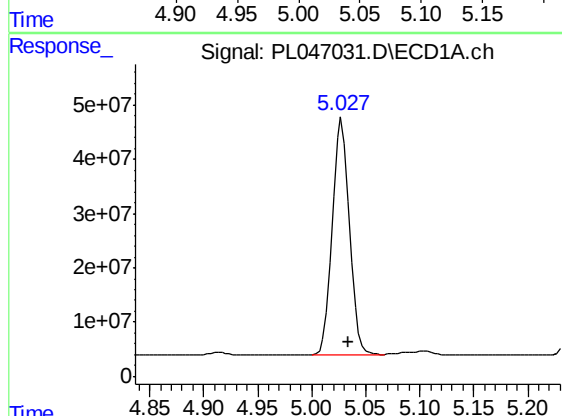
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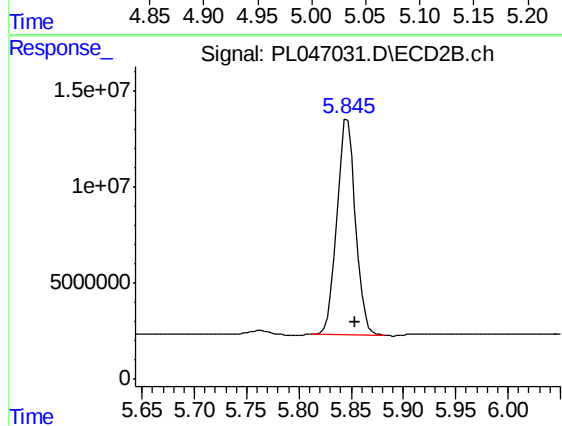
#7 delta-BHC

R.T.: 5.037 min  
Delta R.T.: -0.007 min  
Response: 132433170  
Conc: 57.08 ng/ml m



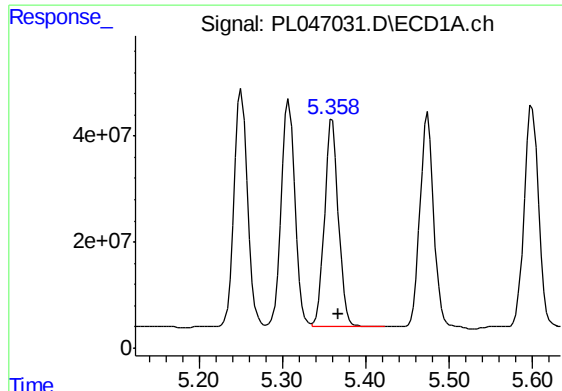
#8 Heptachlor epoxide

R.T.: 5.028 min  
Delta R.T.: -0.006 min  
Response: 480916965  
Conc: 49.31 ng/ml



#8 Heptachlor epoxide

R.T.: 5.845 min  
Delta R.T.: -0.009 min  
Response: 139604923  
Conc: 52.94 ng/ml m



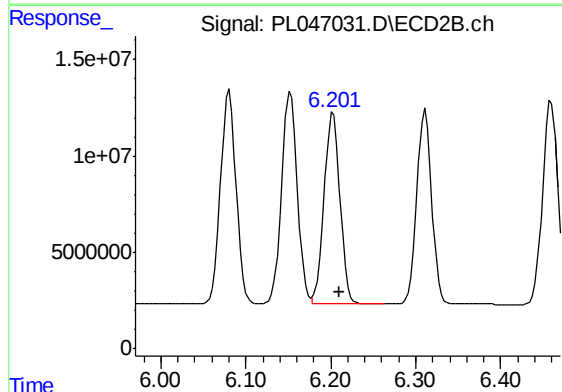
#9 Endosulfan I

R.T.: 5.360 min  
Delta R.T.: -0.006 min  
Response: 457423563  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

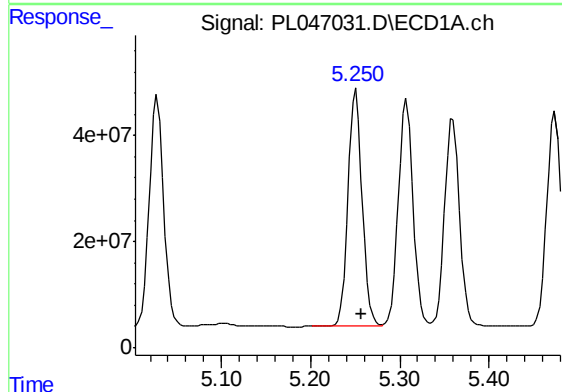
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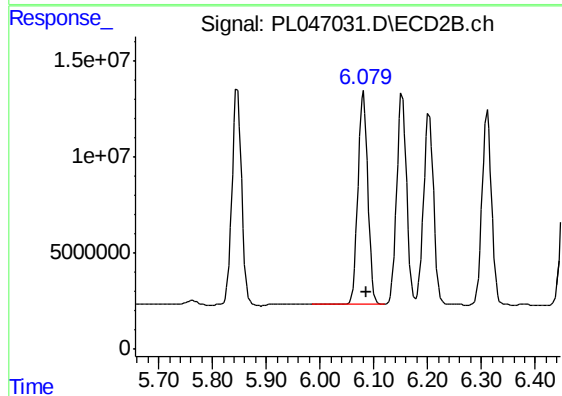
#9 Endosulfan I

R.T.: 6.203 min  
Delta R.T.: -0.007 min  
Response: 130016749  
Conc: 49.82 ng/ml



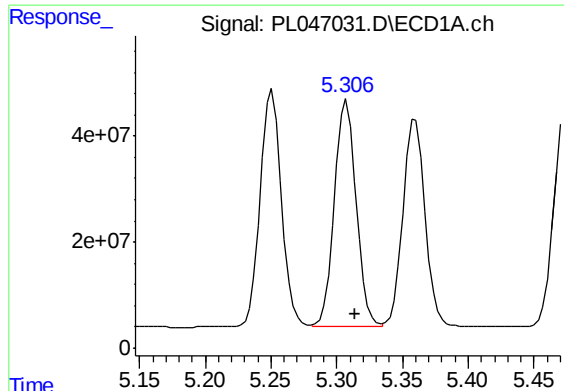
#10 gamma-Chlordane

R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 501269845  
Conc: 48.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.081 min  
Delta R.T.: -0.007 min  
Response: 141918424  
Conc: 50.00 ng/ml



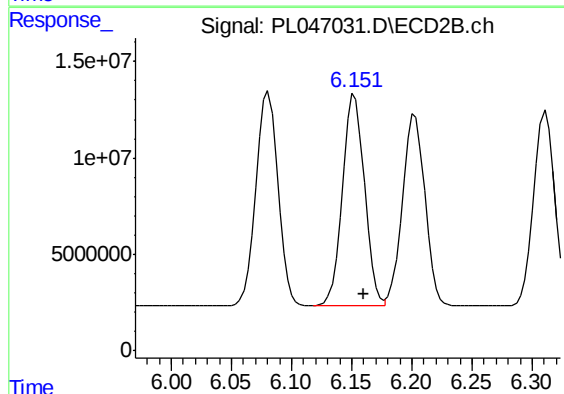
#11 alpha-Chlordane

R.T.: 5.308 min  
Delta R.T.: -0.006 min  
Response: 491397424  
Conc: 48.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

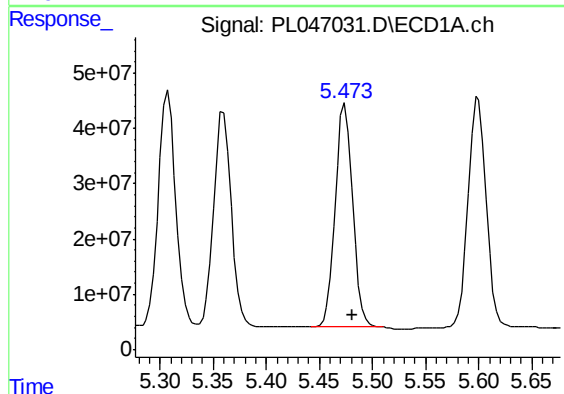
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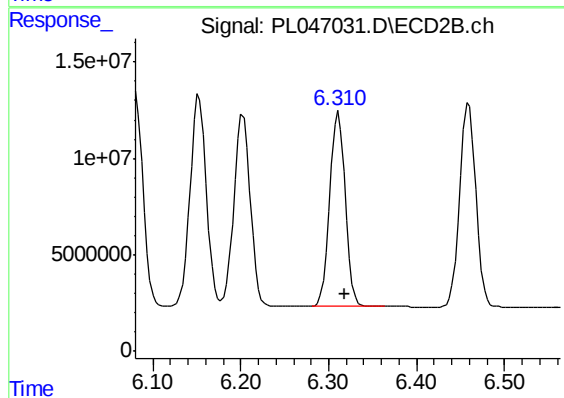
#11 alpha-Chlordane

R.T.: 6.153 min  
Delta R.T.: -0.008 min  
Response: 141166113  
Conc: 49.76 ng/ml



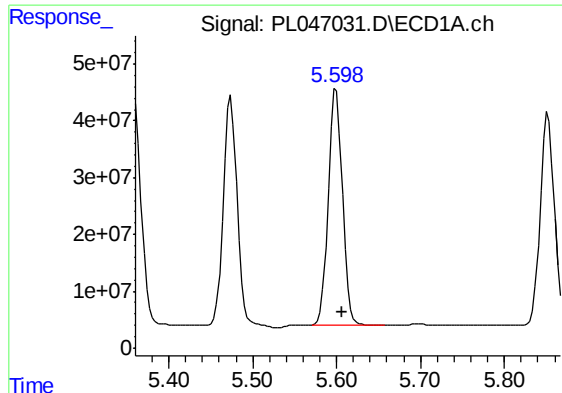
#12 4,4'-DDE

R.T.: 5.473 min  
Delta R.T.: -0.008 min  
Response: 457849943  
Conc: 49.73 ng/ml m



#12 4,4'-DDE

R.T.: 6.311 min  
Delta R.T.: -0.007 min  
Response: 124116859  
Conc: 50.00 ng/ml



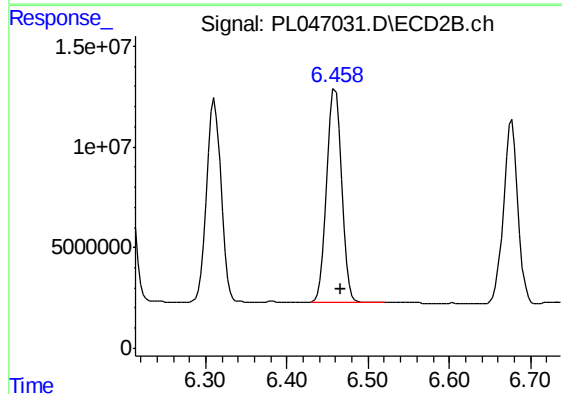
#13 Dieldrin

R.T.: 5.600 min  
Delta R.T.: -0.007 min  
Response: 492893197  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

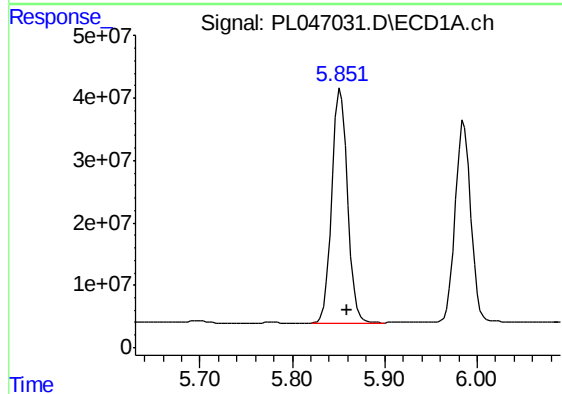
Manual Integrations  
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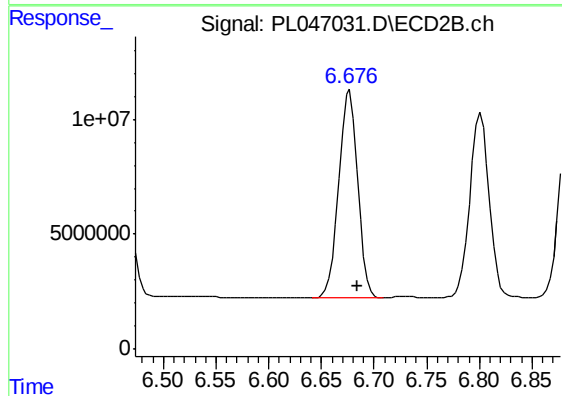
#13 Dieldrin

R.T.: 6.460 min  
Delta R.T.: -0.007 min  
Response: 133782942  
Conc: 49.35 ng/ml



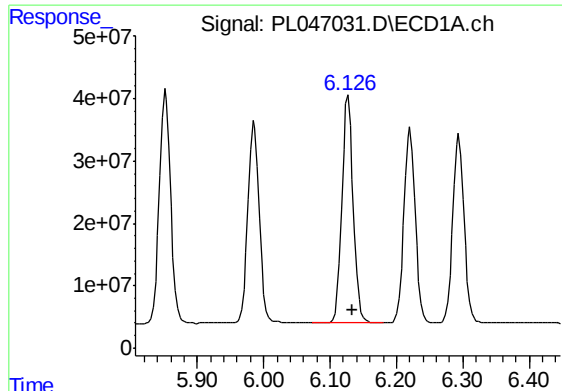
#14 Endrin

R.T.: 5.852 min  
Delta R.T.: -0.007 min  
Response: 443760320  
Conc: 47.11 ng/ml



#14 Endrin

R.T.: 6.677 min  
Delta R.T.: -0.007 min  
Response: 113139651  
Conc: 47.34 ng/ml



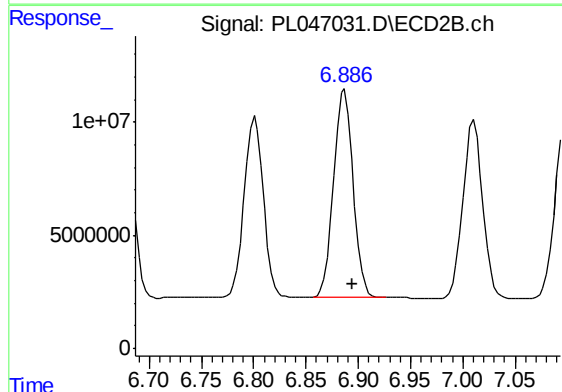
#15 Endosulfan II

R.T.: 6.127 min  
Delta R.T.: -0.007 min  
Response: 434189283  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

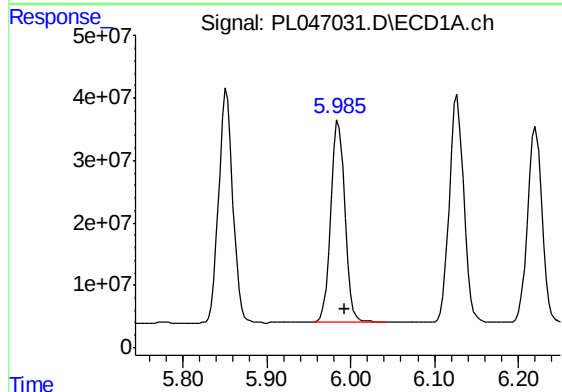
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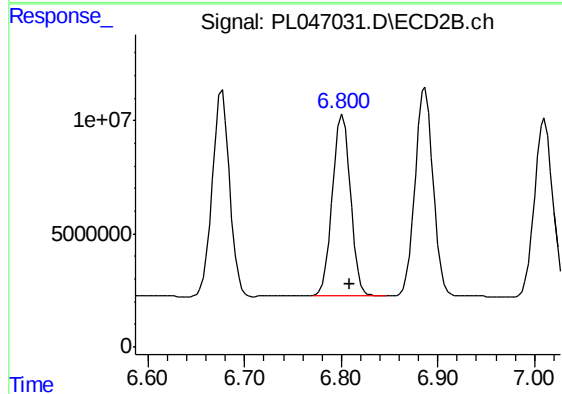
#15 Endosulfan II

R.T.: 6.887 min  
Delta R.T.: -0.007 min  
Response: 119700859  
Conc: 49.61 ng/ml



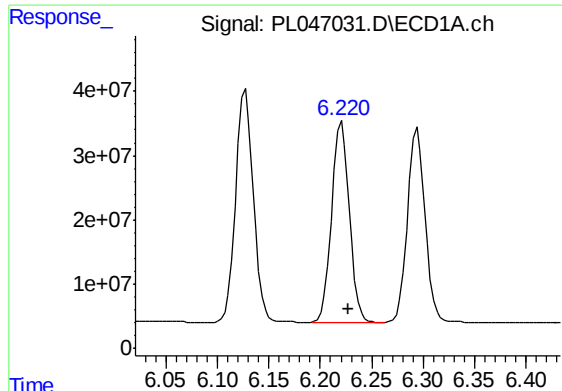
#16 4,4'-DDD

R.T.: 5.986 min  
Delta R.T.: -0.007 min  
Response: 378602852  
Conc: 50.09 ng/ml



#16 4,4'-DDD

R.T.: 6.801 min  
Delta R.T.: -0.007 min  
Response: 102092517  
Conc: 50.74 ng/ml



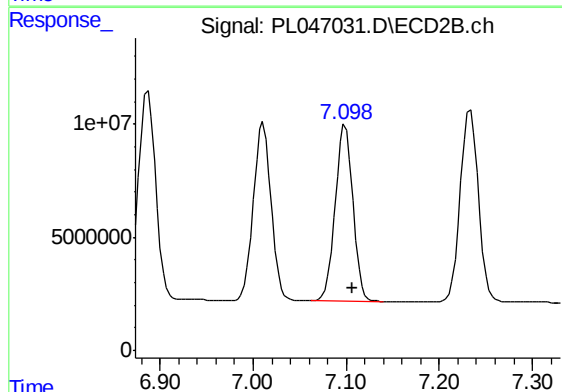
#17 4,4'-DDT

R.T.: 6.221 min  
Delta R.T.: -0.007 min  
Response: 373500130  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

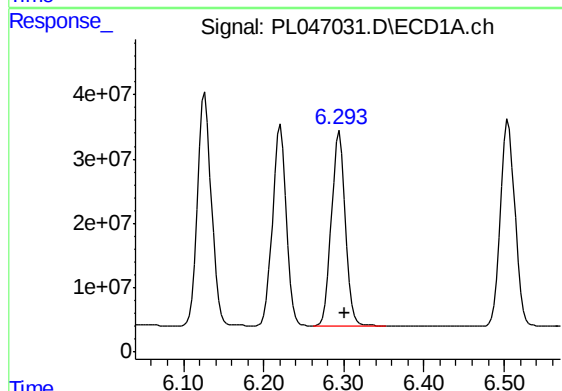
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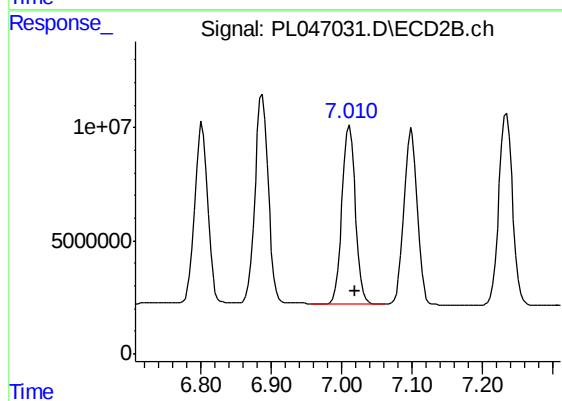
#17 4,4'-DDT

R.T.: 7.098 min  
Delta R.T.: -0.009 min  
Response: 102769367  
Conc: 49.01 ng/ml m



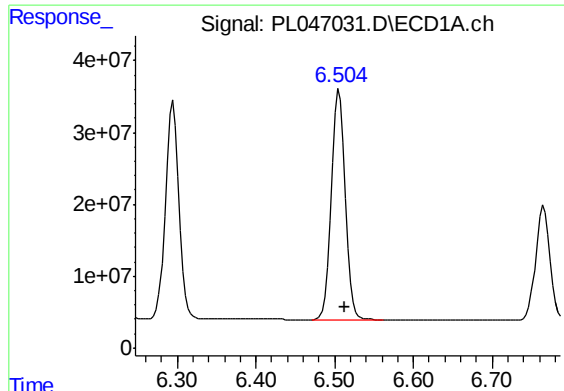
#18 Endrin aldehyde

R.T.: 6.294 min  
Delta R.T.: -0.007 min  
Response: 360456006  
Conc: 48.09 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min  
Delta R.T.: -0.008 min  
Response: 104015558  
Conc: 48.97 ng/ml



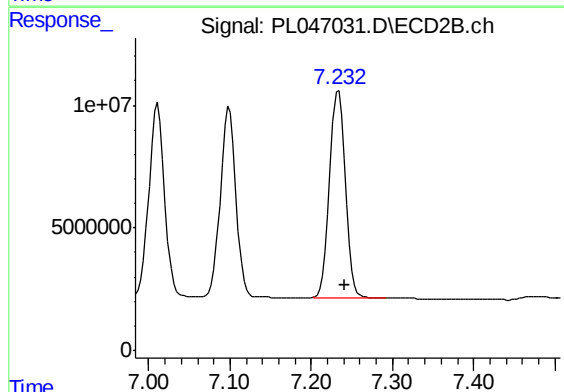
#19 Endosulfan Sulfate

R.T.: 6.505 min  
Delta R.T.: -0.007 min  
Response: 401475890  
Conc: 48.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

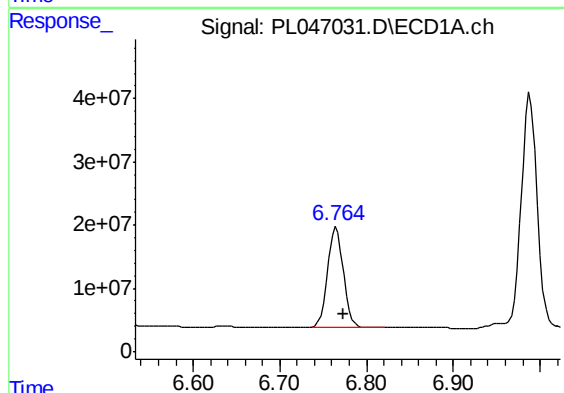
Manual Integrations  
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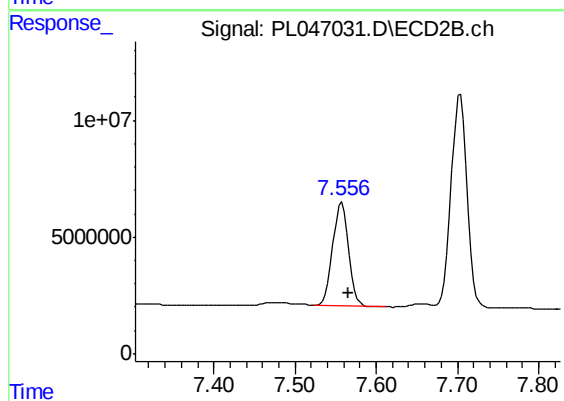
#19 Endosulfan Sulfate

R.T.: 7.234 min  
Delta R.T.: -0.008 min  
Response: 114239449  
Conc: 48.43 ng/ml



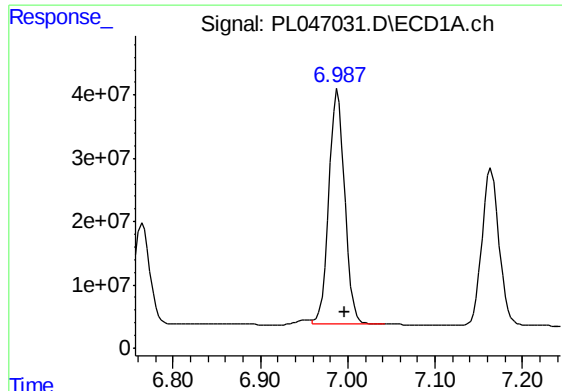
#20 Methoxychlor

R.T.: 6.765 min  
Delta R.T.: -0.008 min  
Response: 199292333  
Conc: 46.89 ng/ml



#20 Methoxychlor

R.T.: 7.558 min  
Delta R.T.: -0.008 min  
Response: 60290226  
Conc: 47.29 ng/ml



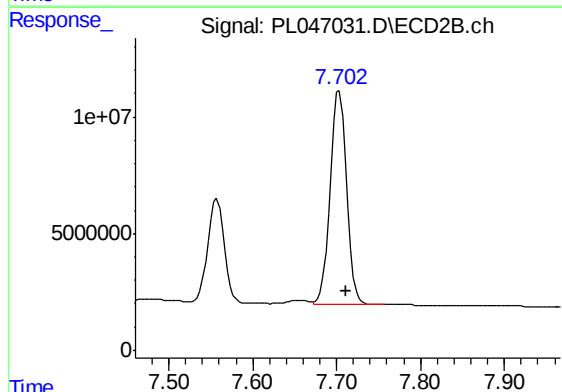
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: -0.009 min  
Response: 468486795  
Conc: 50.66 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

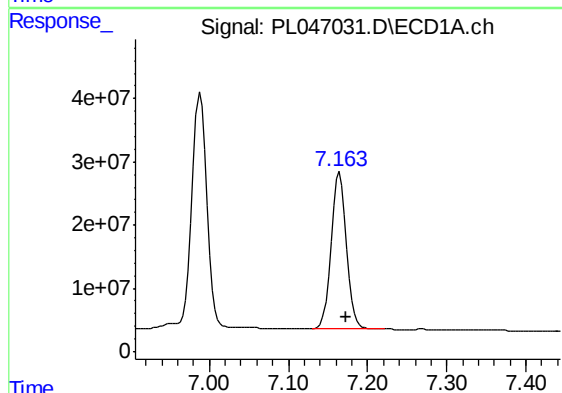
Manual Integrations  
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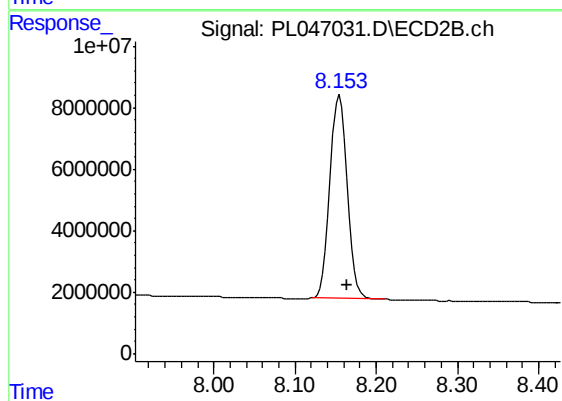
#21 Endrin ketone

R.T.: 7.703 min  
Delta R.T.: -0.008 min  
Response: 125016533  
Conc: 50.32 ng/ml



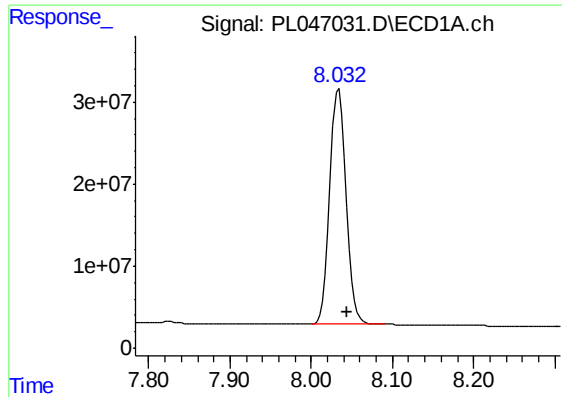
#22 Mirex

R.T.: 7.164 min  
Delta R.T.: -0.009 min  
Response: 337100673  
Conc: 46.27 ng/ml



#22 Mirex

R.T.: 8.155 min  
Delta R.T.: -0.010 min  
Response: 98649464  
Conc: 49.32 ng/ml



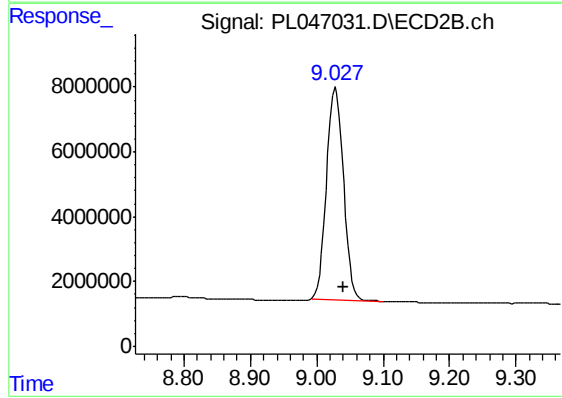
#28 Decachlorobiphenyl

R.T.: 8.034 min  
Delta R.T.: -0.010 min  
Response: 401916754  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.029 min  
Delta R.T.: -0.011 min  
Response: 116259658  
Conc: 50.14 ng/ml