

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070819\  
 Data File : PL050232.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2019 18:07  
 Operator : SM\AJ  
 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: Jul 09 03:34:21 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 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... | 3.320 | 3.932 | 589.7E6 | 157.1E6  | 52.292  | 51.316 |
| 28)                         | SA Decachlor... | 7.984 | 8.965 | 571.8E6 | 150.4E6  | 45.002  | 44.806 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.748 | 4.321 | 998.3E6 | 235.3E6  | 53.135  | 52.555 |
| 3)                          | MA gamma-BHC... | 4.024 | 4.604 | 929.4E6 | 220.4E6  | 52.420  | 53.128 |
| 4)                          | MA Heptachlor   | 4.308 | 5.106 | 978.6E6 | 233.3E6  | 53.837  | 53.888 |
| 5)                          | MB Aldrin       | 4.546 | 5.409 | 940.1E6 | 215.0E6  | 54.440  | 54.900 |
| 6)                          | B beta-BHC      | 4.278 | 4.780 | 387.5E6 | 100.1E6  | 52.979  | 51.674 |
| 7)                          | B delta-BHC     | 4.471 | 4.993 | 972.7E6 | 215.8E6  | 54.391  | 54.799 |
| 8)                          | B Heptachlor... | 4.982 | 5.795 | 861.7E6 | 201.7E6  | 53.532  | 55.483 |
| 9)                          | A Endosulfan I  | 5.313 | 6.150 | 805.8E6 | 183.8E6  | 52.076  | 54.109 |
| 10)                         | B gamma-Chl...  | 5.205 | 6.029 | 911.8E6 | 205.3E6  | 53.359  | 55.092 |
| 11)                         | B alpha-Chl...  | 5.261 | 6.101 | 882.1E6 | 202.5E6  | 53.143  | 54.757 |
| 12)                         | B 4,4'-DDE      | 5.428 | 6.261 | 814.2E6 | 196.5E6  | 48.872  | 56.635 |
| 13)                         | MA Dieldrin     | 5.551 | 6.407 | 893.8E6 | 195.1E6  | 53.654  | 54.989 |
| 14)                         | MA Endrin       | 5.804 | 6.624 | 837.2E6 | 166.6E6  | 52.280  | 52.759 |
| 15)                         | B Endosulfa...  | 6.079 | 6.836 | 779.2E6 | 168.2E6  | 53.475  | 52.227 |
| 16)                         | A 4,4'-DDD      | 5.938 | 6.752 | 717.5E6 | 151.7E6  | 56.837m | 58.025 |
| 17)                         | MA 4,4'-DDT     | 6.173 | 7.049 | 669.5E6 | 141.5E6  | 50.428  | 48.321 |
| 18)                         | B Endrin al...  | 6.246 | 6.960 | 623.3E6 | 142.4E6  | 52.766  | 51.855 |
| 19)                         | B Endosulfa...  | 6.458 | 7.182 | 677.3E6 | 155.5E6  | 52.241  | 51.679 |
| 20)                         | A Methoxychlor  | 6.718 | 7.509 | 322.3E6 | 78614474 | 49.451  | 47.166 |
| 21)                         | B Endrin ke...  | 6.939 | 7.651 | 728.5E6 | 159.8E6  | 51.834  | 51.281 |
| 22)                         | Mirex           | 7.112 | 8.101 | 507.2E6 | 121.4E6  | 49.068  | 48.014 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070819\  
Data File : PL050232.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2019 18:07  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

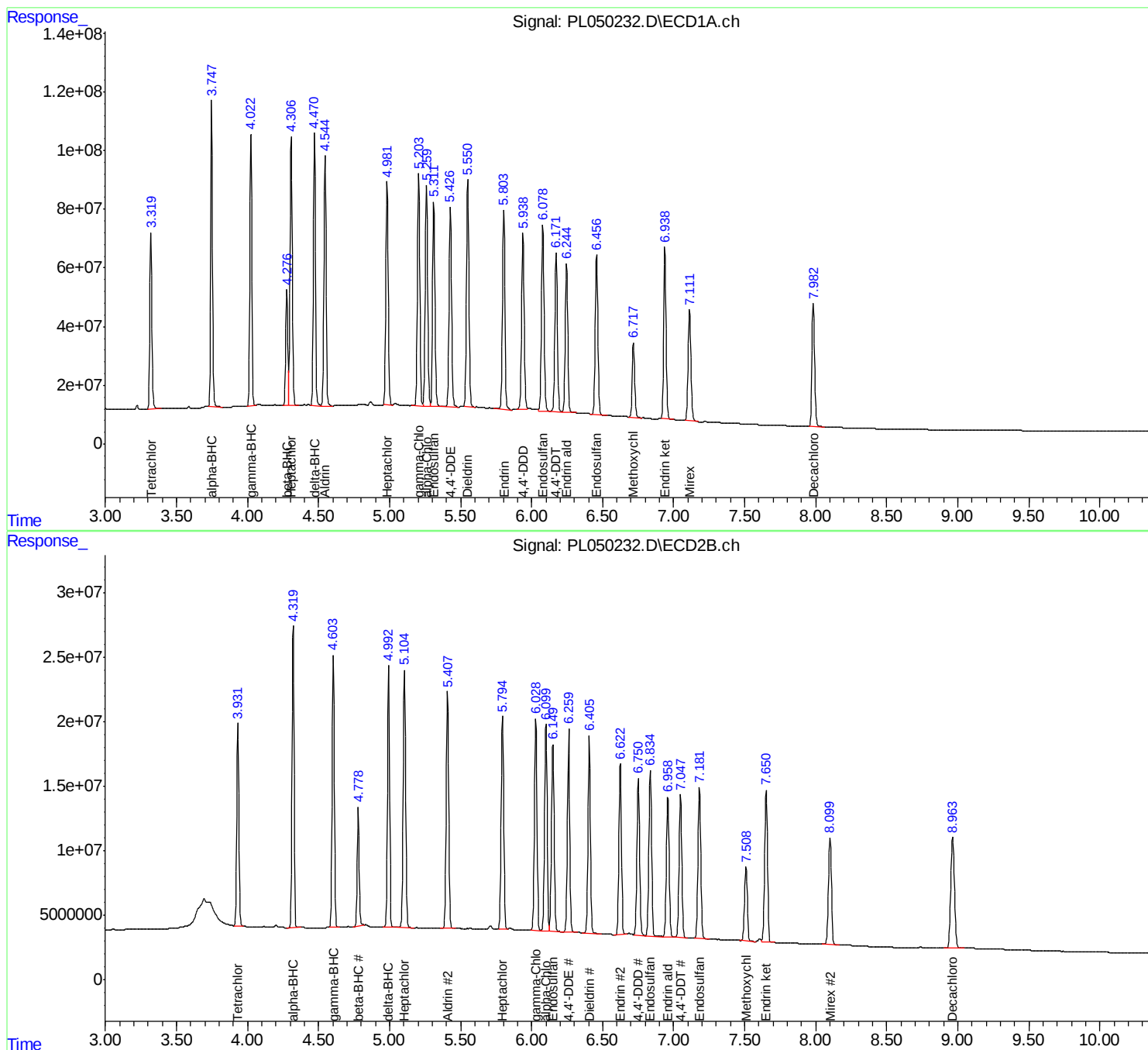
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

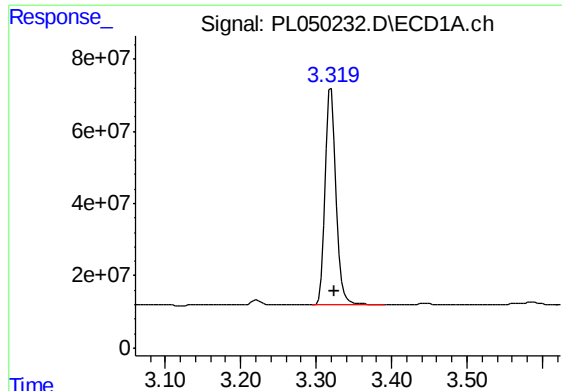
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 09 03:34:21 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 21 02:23:20 2019  
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





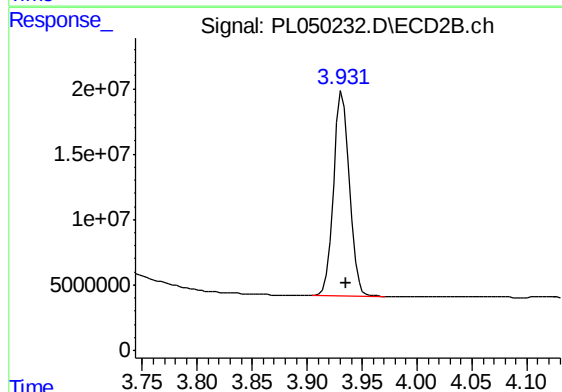
#1 Tetrachloro-m-xylene

R.T.: 3.320 min  
Delta R.T.: -0.004 min  
Response: 589732471  
Conc: 52.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

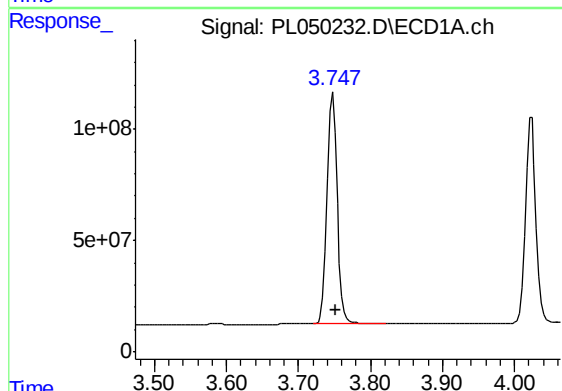
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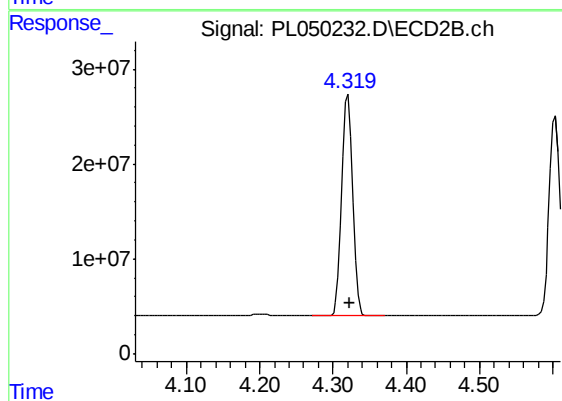
#1 Tetrachloro-m-xylene

R.T.: 3.932 min  
Delta R.T.: -0.003 min  
Response: 157116454  
Conc: 51.32 ng/ml



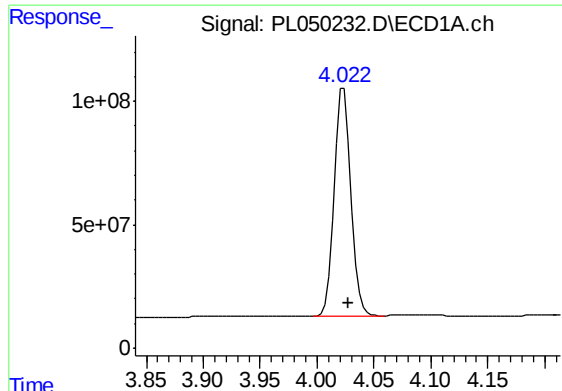
#2 alpha-BHC

R.T.: 3.748 min  
Delta R.T.: -0.004 min  
Response: 998266280  
Conc: 53.14 ng/ml



#2 alpha-BHC

R.T.: 4.321 min  
Delta R.T.: -0.003 min  
Response: 235268211  
Conc: 52.56 ng/ml



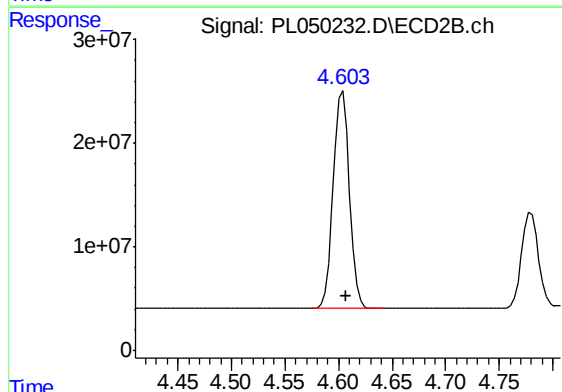
#3 gamma-BHC (Lindane)

R.T.: 4.024 min  
Delta R.T.: -0.004 min  
Response: 929432636  
Conc: 52.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

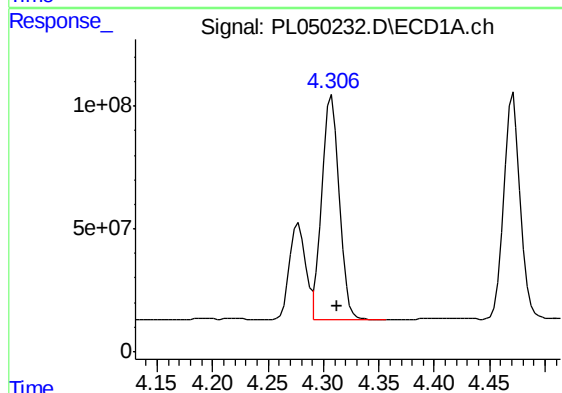
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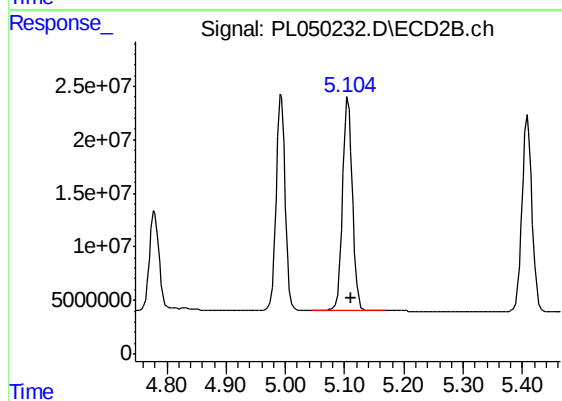
#3 gamma-BHC (Lindane)

R.T.: 4.604 min  
Delta R.T.: -0.003 min  
Response: 220363663  
Conc: 53.13 ng/ml



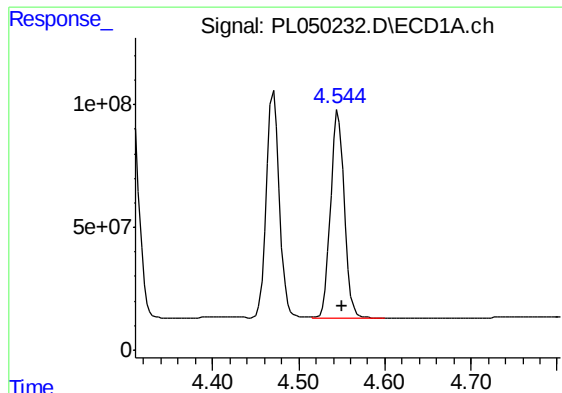
#4 Heptachlor

R.T.: 4.308 min  
Delta R.T.: -0.005 min  
Response: 978603985  
Conc: 53.84 ng/ml



#4 Heptachlor

R.T.: 5.106 min  
Delta R.T.: -0.005 min  
Response: 233251286  
Conc: 53.89 ng/ml



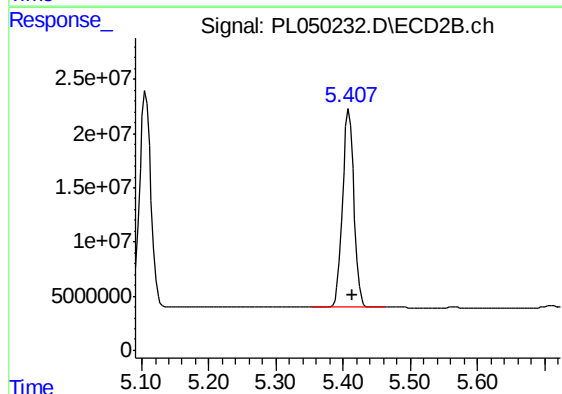
#5 Aldrin

R.T.: 4.546 min  
Delta R.T.: -0.005 min  
Response: 940060981  
Conc: 54.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

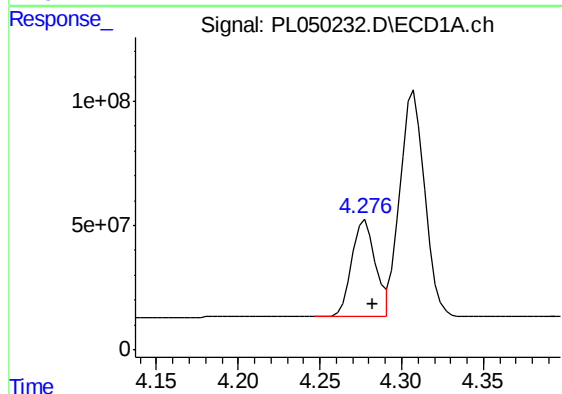
Manual Integrations  
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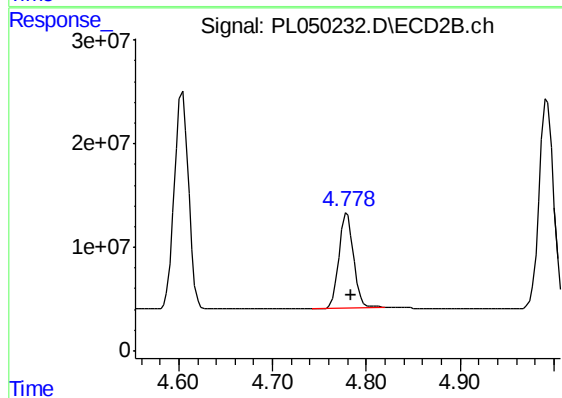
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.004 min  
Response: 215047962  
Conc: 54.90 ng/ml



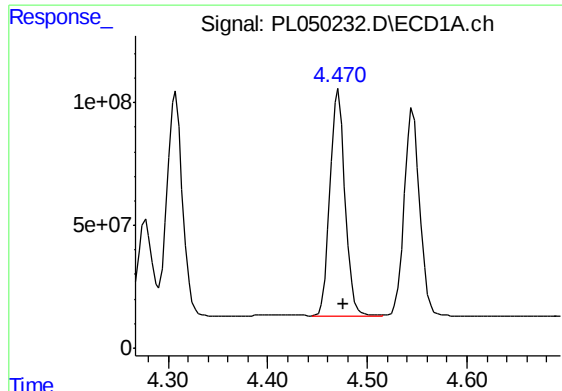
#6 beta-BHC

R.T.: 4.278 min  
Delta R.T.: -0.005 min  
Response: 387528962  
Conc: 52.98 ng/ml



#6 beta-BHC

R.T.: 4.780 min  
Delta R.T.: -0.003 min  
Response: 100094580  
Conc: 51.67 ng/ml



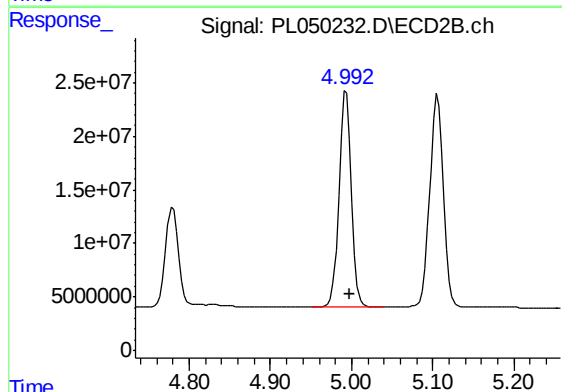
#7 delta-BHC

R.T.: 4.471 min  
Delta R.T.: -0.005 min  
Response: 972722910  
Conc: 54.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

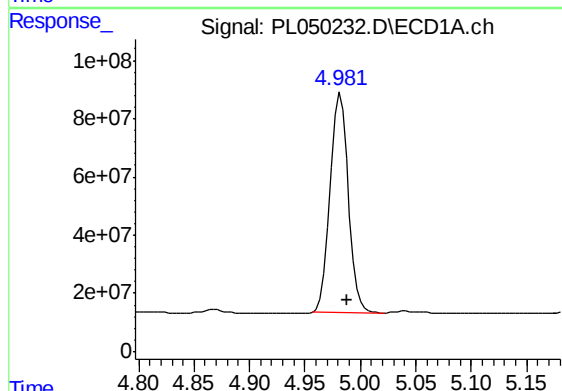
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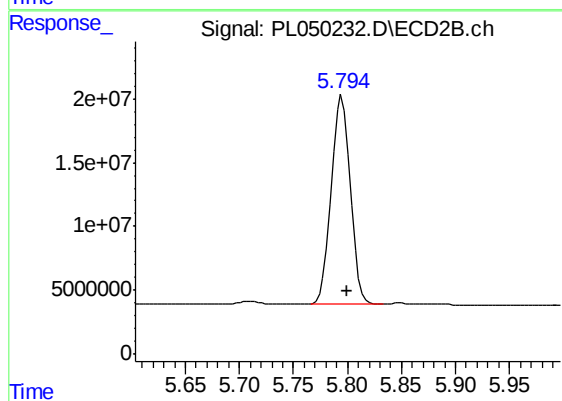
#7 delta-BHC

R.T.: 4.993 min  
Delta R.T.: -0.004 min  
Response: 215846872  
Conc: 54.80 ng/ml



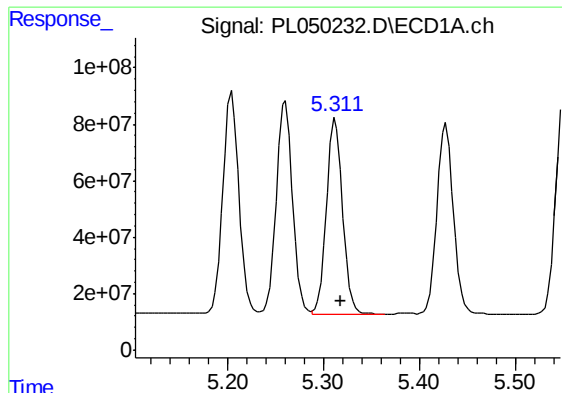
#8 Heptachlor epoxide

R.T.: 4.982 min  
Delta R.T.: -0.006 min  
Response: 861713947  
Conc: 53.53 ng/ml



#8 Heptachlor epoxide

R.T.: 5.795 min  
Delta R.T.: -0.005 min  
Response: 201725183  
Conc: 55.48 ng/ml



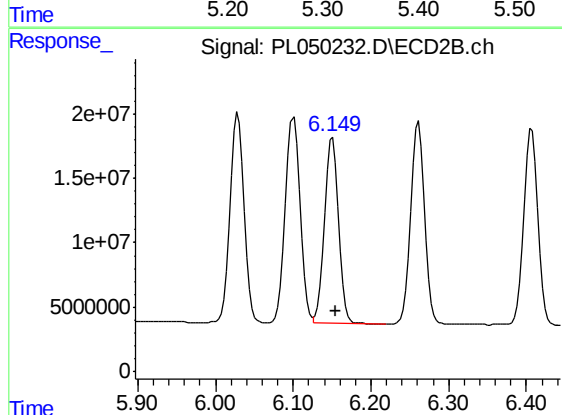
#9 Endosulfan I

R.T.: 5.313 min  
Delta R.T.: -0.006 min  
Response: 805751323  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

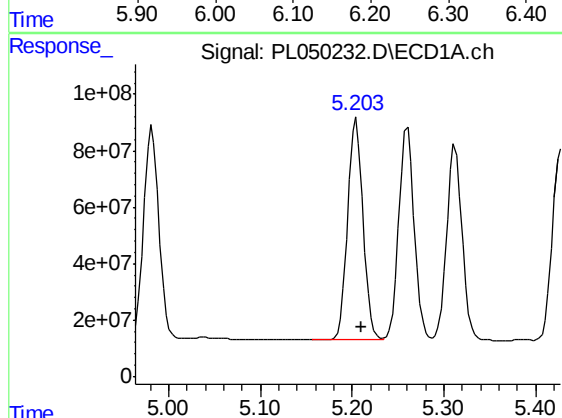
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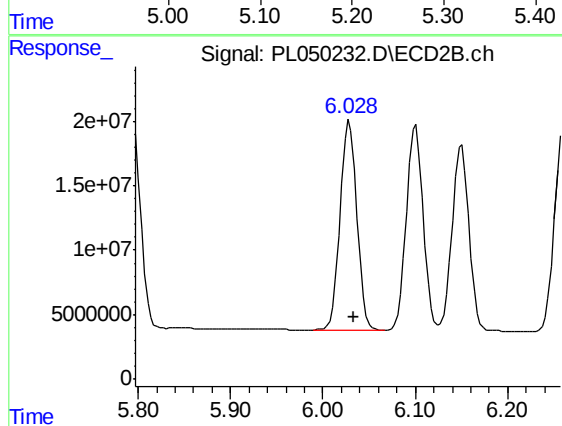
#9 Endosulfan I

R.T.: 6.150 min  
Delta R.T.: -0.005 min  
Response: 183829567  
Conc: 54.11 ng/ml



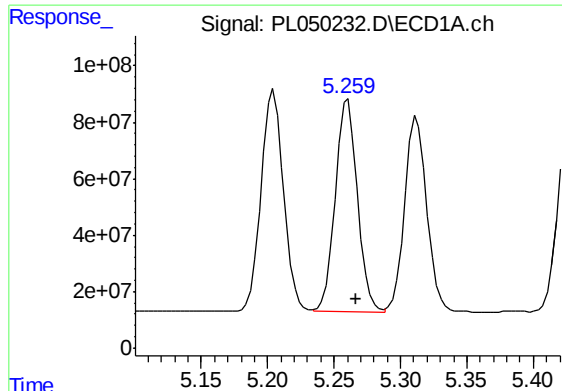
#10 gamma-Chlordane

R.T.: 5.205 min  
Delta R.T.: -0.006 min  
Response: 911832918  
Conc: 53.36 ng/ml



#10 gamma-Chlordane

R.T.: 6.029 min  
Delta R.T.: -0.005 min  
Response: 205298000  
Conc: 55.09 ng/ml



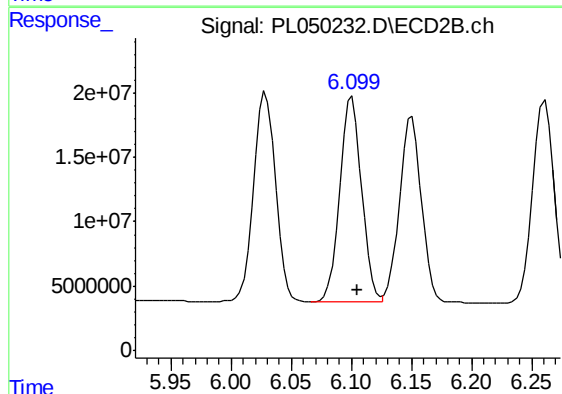
#11 alpha-Chlordane

R.T.: 5.261 min  
Delta R.T.: -0.006 min  
Response: 882116269  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

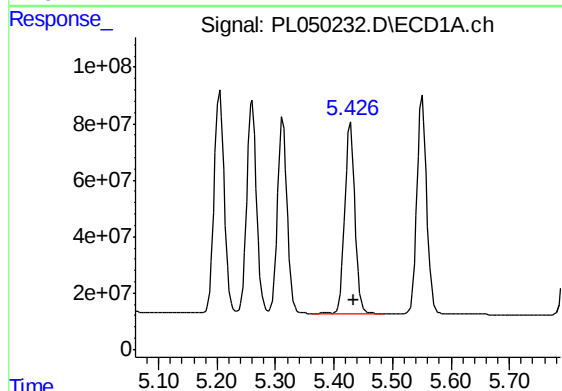
Manual Integrations  
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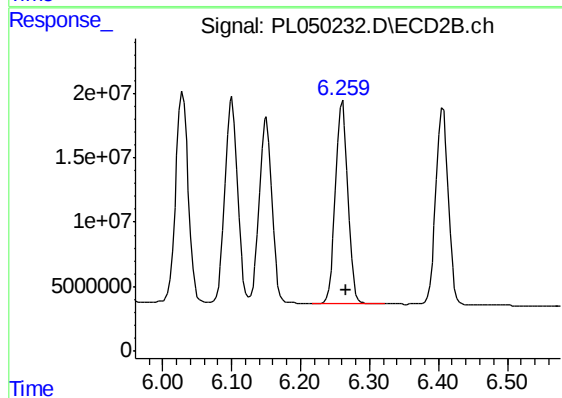
#11 alpha-Chlordane

R.T.: 6.101 min  
Delta R.T.: -0.005 min  
Response: 202514038  
Conc: 54.76 ng/ml



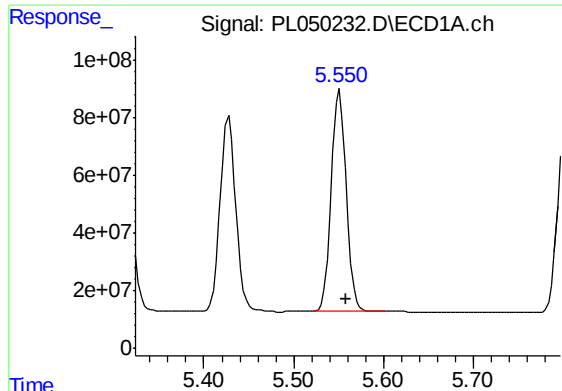
#12 4,4'-DDE

R.T.: 5.428 min  
Delta R.T.: -0.006 min  
Response: 814159233  
Conc: 48.87 ng/ml



#12 4,4'-DDE

R.T.: 6.261 min  
Delta R.T.: -0.005 min  
Response: 196529355  
Conc: 56.63 ng/ml



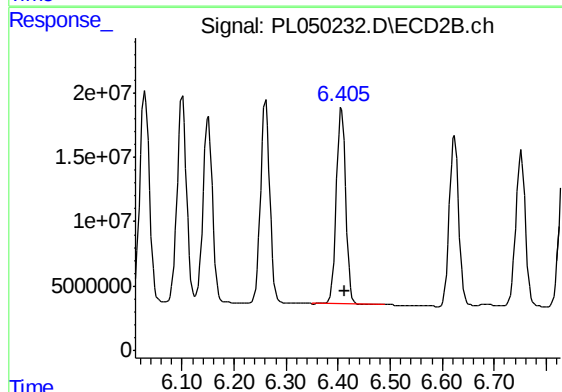
#13 Dielldrin

R.T.: 5.551 min  
Delta R.T.: -0.006 min  
Response: 893760621  
Conc: 53.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

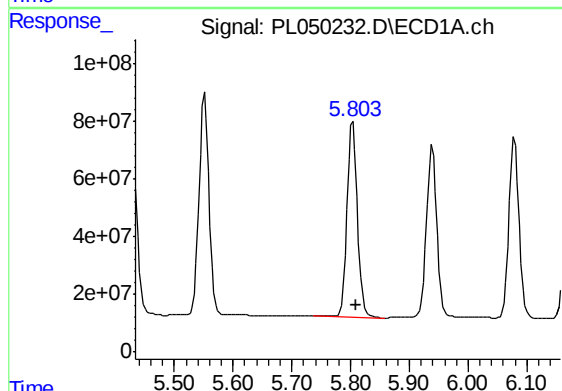
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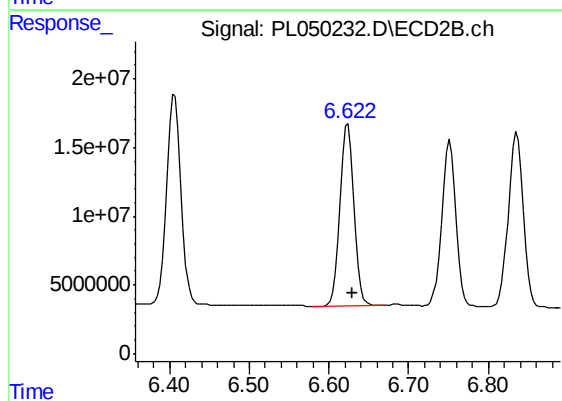
#13 Dielldrin

R.T.: 6.407 min  
Delta R.T.: -0.005 min  
Response: 195075121  
Conc: 54.99 ng/ml



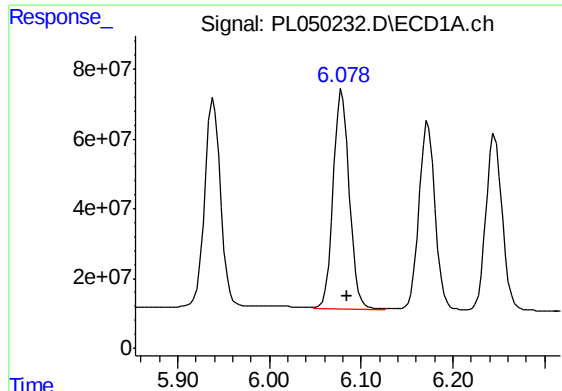
#14 Endrin

R.T.: 5.804 min  
Delta R.T.: -0.007 min  
Response: 837247385  
Conc: 52.28 ng/ml



#14 Endrin

R.T.: 6.624 min  
Delta R.T.: -0.006 min  
Response: 166571553  
Conc: 52.76 ng/ml



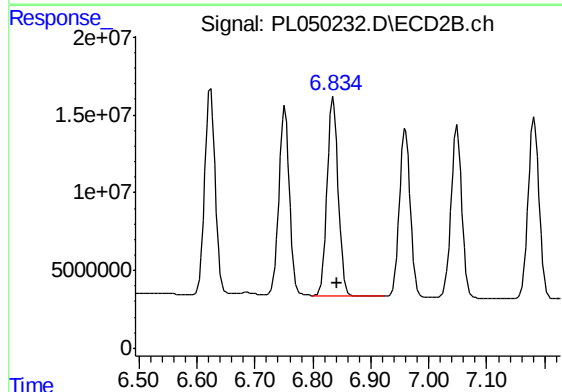
#15 Endosulfan II

R.T.: 6.079 min  
Delta R.T.: -0.006 min  
Response: 779195300  
Conc: 53.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

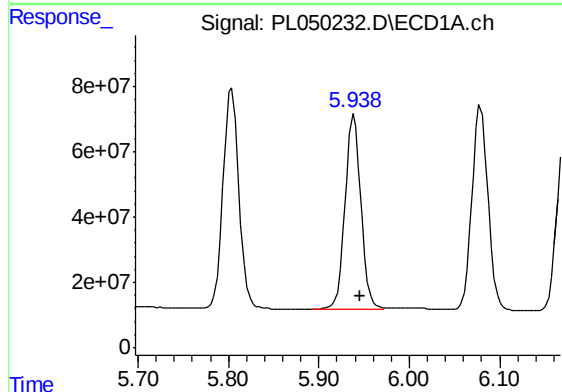
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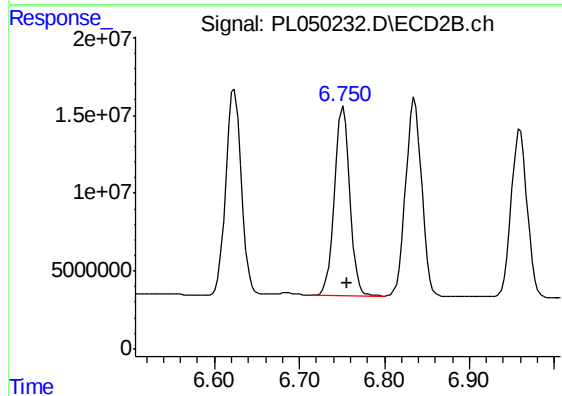
#15 Endosulfan II

R.T.: 6.836 min  
Delta R.T.: -0.005 min  
Response: 168216537  
Conc: 52.23 ng/ml



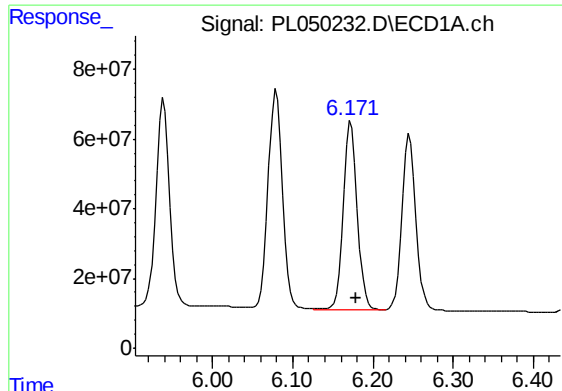
#16 4,4'-DDD

R.T.: 5.938 min  
Delta R.T.: -0.008 min  
Response: 717513017  
Conc: 56.84 ng/ml m



#16 4,4'-DDD

R.T.: 6.752 min  
Delta R.T.: -0.005 min  
Response: 151691751  
Conc: 58.03 ng/ml



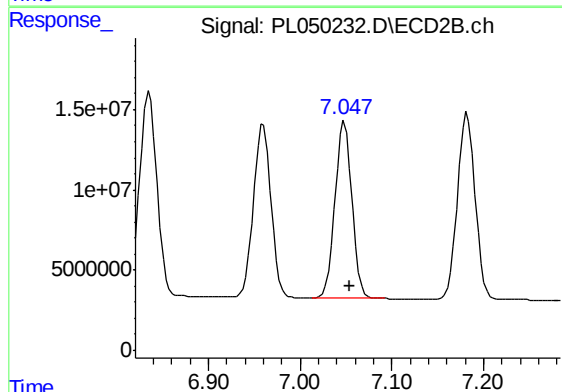
#17 4,4'-DDT

R.T.: 6.173 min  
Delta R.T.: -0.007 min  
Response: 669478349  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

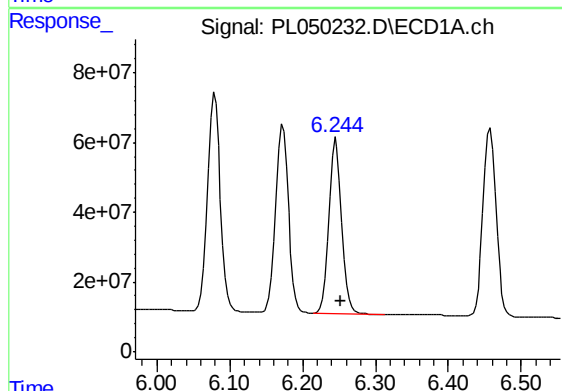
Manual Integrations  
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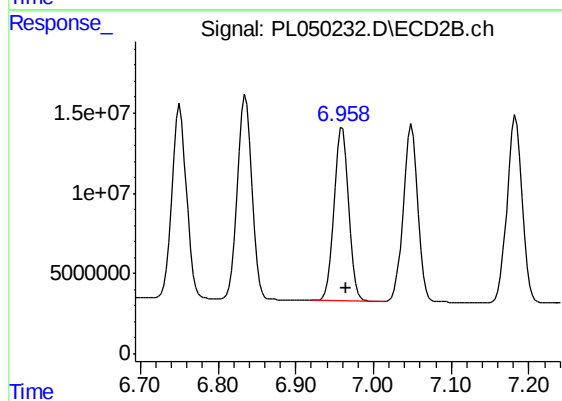
#17 4,4'-DDT

R.T.: 7.049 min  
Delta R.T.: -0.005 min  
Response: 141522023  
Conc: 48.32 ng/ml



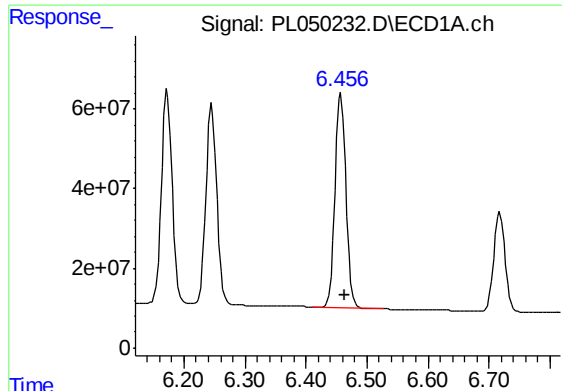
#18 Endrin aldehyde

R.T.: 6.246 min  
Delta R.T.: -0.007 min  
Response: 623262501  
Conc: 52.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: -0.005 min  
Response: 142414765  
Conc: 51.86 ng/ml



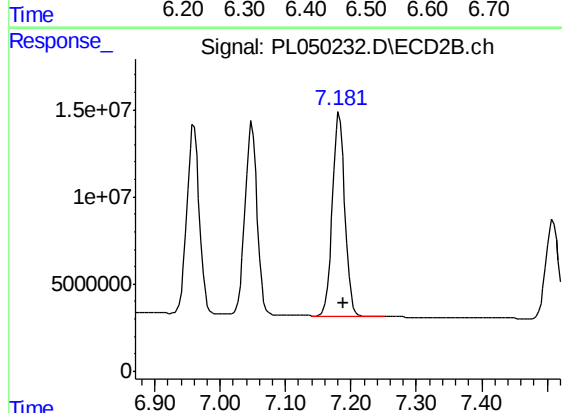
#19 Endosulfan Sulfate

R.T.: 6.458 min  
Delta R.T.: -0.006 min  
Response: 677328167  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

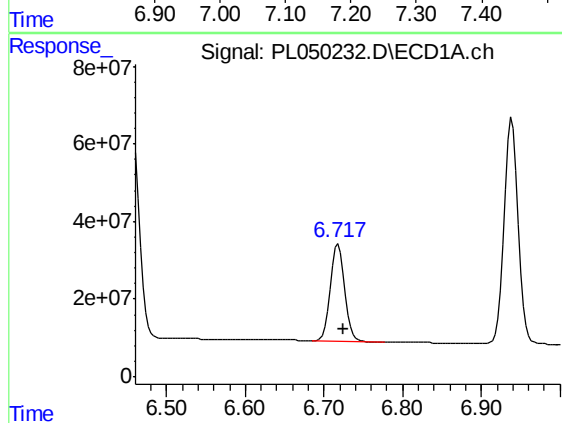
Manual Integrations  
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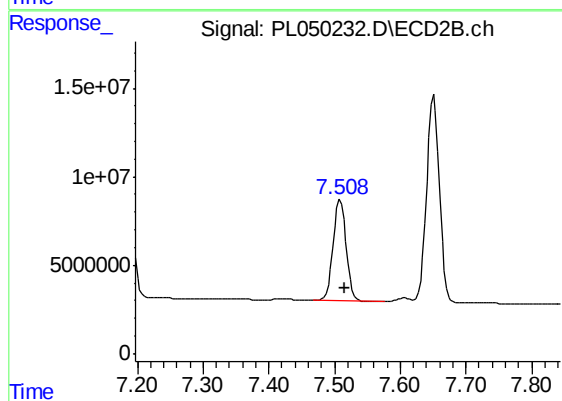
#19 Endosulfan Sulfate

R.T.: 7.182 min  
Delta R.T.: -0.006 min  
Response: 155533903  
Conc: 51.68 ng/ml



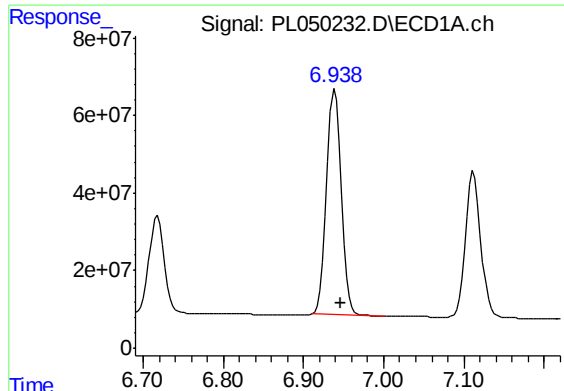
#20 Methoxychlor

R.T.: 6.718 min  
Delta R.T.: -0.007 min  
Response: 322336245  
Conc: 49.45 ng/ml



#20 Methoxychlor

R.T.: 7.509 min  
Delta R.T.: -0.006 min  
Response: 78614474  
Conc: 47.17 ng/ml



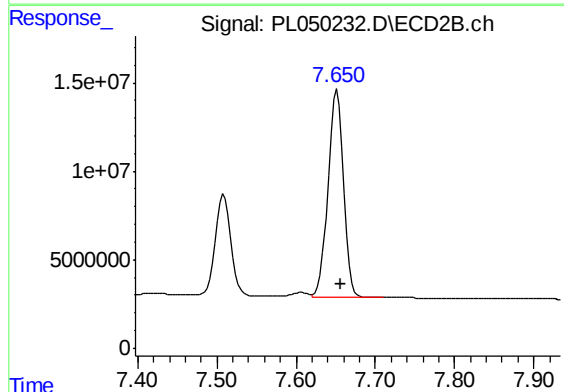
#21 Endrin ketone

R.T.: 6.939 min  
Delta R.T.: -0.007 min  
Response: 728544320  
Conc: 51.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

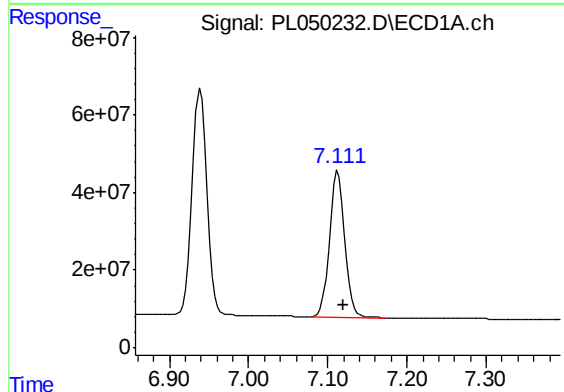
Manual Integrations  
APPROVED

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7/9/2019 9:31:14 AM



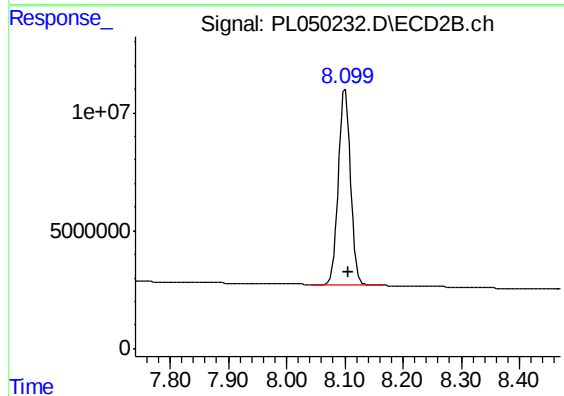
#21 Endrin ketone

R.T.: 7.651 min  
Delta R.T.: -0.006 min  
Response: 159801043  
Conc: 51.28 ng/ml



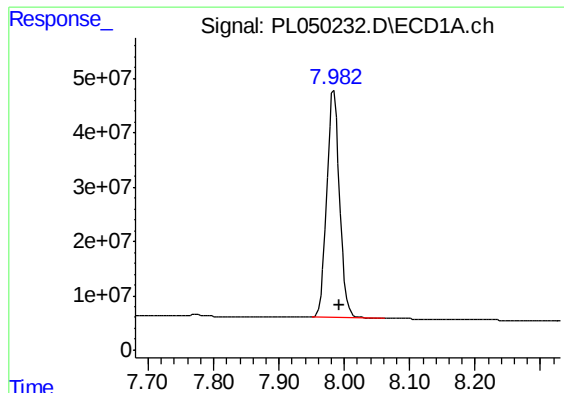
#22 Mirex

R.T.: 7.112 min  
Delta R.T.: -0.008 min  
Response: 507203068  
Conc: 49.07 ng/ml



#22 Mirex

R.T.: 8.101 min  
Delta R.T.: -0.006 min  
Response: 121412585  
Conc: 48.01 ng/ml



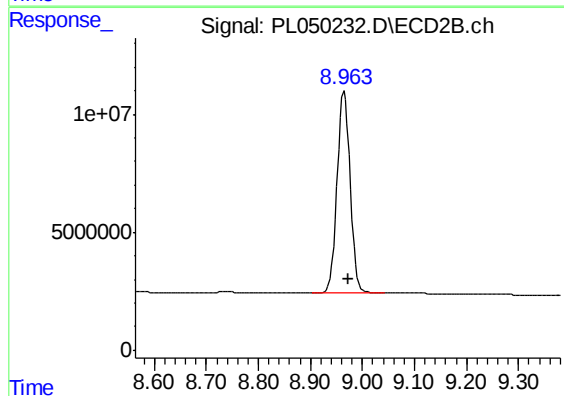
#28 Decachlorobiphenyl

R.T.: 7.984 min  
Delta R.T.: -0.008 min  
Response: 571810284  
Conc: 45.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.965 min  
Delta R.T.: -0.008 min  
Response: 150417068  
Conc: 44.81 ng/ml