

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
 Data File : PL053737.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2019 12:36  
 Operator : SG\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: Oct 25 14:06:06 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.545 | 4.045 | 568.3E6 | 125.2E6  | 52.430  | 50.041  |
| 28)                         | SA Decachlor... | 8.330 | 9.124 | 491.7E6 | 138.6E6  | 50.113  | 49.202  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.988 | 4.436 | 914.3E6 | 174.4E6  | 52.438  | 50.454  |
| 3)                          | MA gamma-BHC... | 4.275 | 4.721 | 823.0E6 | 161.3E6  | 52.843  | 50.089  |
| 4)                          | MA Heptachlor   | 4.582 | 5.231 | 827.5E6 | 154.5E6  | 52.432  | 47.939  |
| 5)                          | MB Aldrin       | 4.834 | 5.536 | 756.3E6 | 141.9E6  | 52.902  | 47.593  |
| 6)                          | B beta-BHC      | 4.525 | 4.891 | 331.6E6 | 76681792 | 50.321  | 49.644  |
| 7)                          | B delta-BHC     | 4.734 | 5.109 | 797.8E6 | 136.9E6  | 52.412  | 45.319  |
| 8)                          | B Heptachlor... | 5.279 | 5.923 | 699.9E6 | 129.6E6  | 51.848  | 44.429  |
| 9)                          | A Endosulfan I  | 5.621 | 6.279 | 630.2E6 | 126.3E6  | 51.267  | 46.597  |
| 10)                         | B gamma-Chl...  | 5.508 | 6.157 | 707.8E6 | 135.8E6  | 51.880  | 46.526  |
| 11)                         | B alpha-Chl...  | 5.567 | 6.229 | 681.3E6 | 136.8E6  | 51.212  | 46.864  |
| 12)                         | B 4,4'-DDE      | 5.729 | 6.385 | 631.9E6 | 135.1E6  | 53.177  | 47.986  |
| 13)                         | MA Dieldrin     | 5.866 | 6.536 | 679.5E6 | 135.9E6  | 52.135  | 47.630  |
| 14)                         | MA Endrin       | 6.124 | 6.755 | 611.2E6 | 117.4E6  | 52.730  | 48.349  |
| 15)                         | B Endosulfa...  | 6.397 | 6.961 | 572.4E6 | 120.8E6  | 51.193  | 47.288m |
| 16)                         | A 4,4'-DDD      | 6.247 | 6.874 | 467.6E6 | 102.0E6  | 52.545  | 48.932m |
| 17)                         | MA 4,4'-DDT     | 6.489 | 7.174 | 523.6E6 | 113.2E6  | 52.858  | 48.972  |
| 18)                         | B Endrin al...  | 6.565 | 7.087 | 470.1E6 | 102.9E6  | 51.274  | 46.830  |
| 19)                         | B Endosulfa...  | 6.778 | 7.310 | 507.7E6 | 111.3E6  | 49.916  | 45.364  |
| 20)                         | A Methoxychlor  | 7.034 | 7.631 | 249.6E6 | 61019830 | 50.621  | 46.978  |
| 21)                         | B Endrin ke...  | 7.272 | 7.781 | 523.2E6 | 117.9E6  | 48.598  | 45.740  |
| 22)                         | Mirex           | 7.464 | 8.236 | 384.8E6 | 88807448 | 44.985m | 43.898  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
Data File : PL053737.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2019 12:36  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

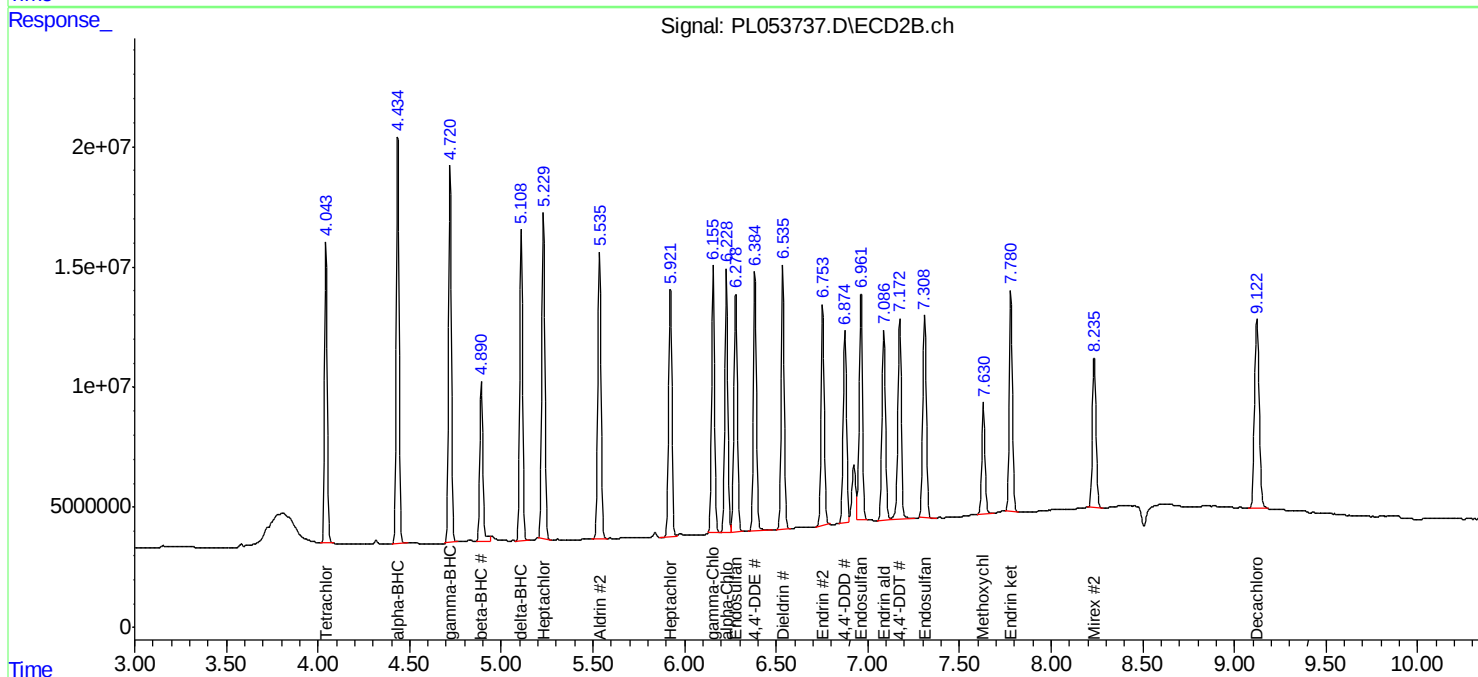
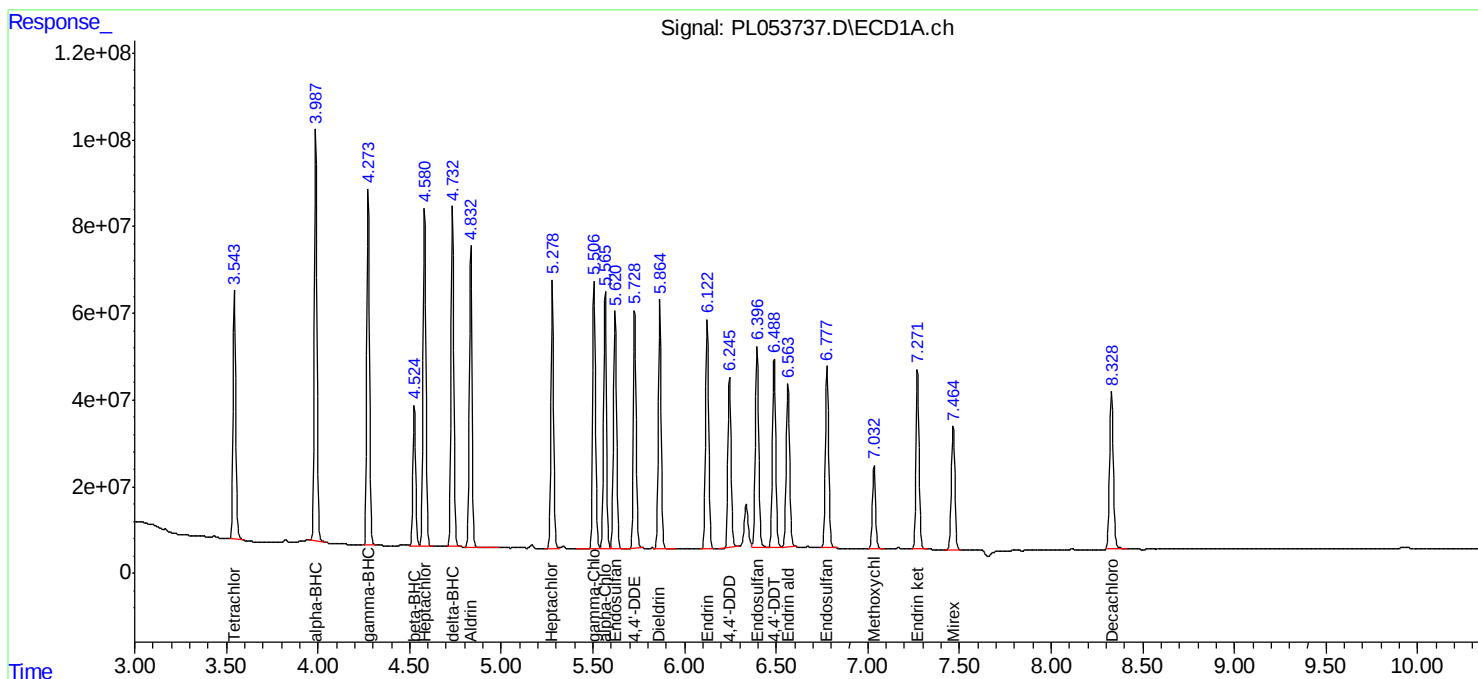
Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

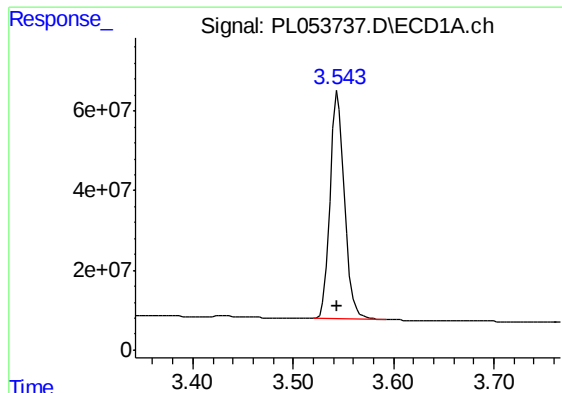
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 14:06:06 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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





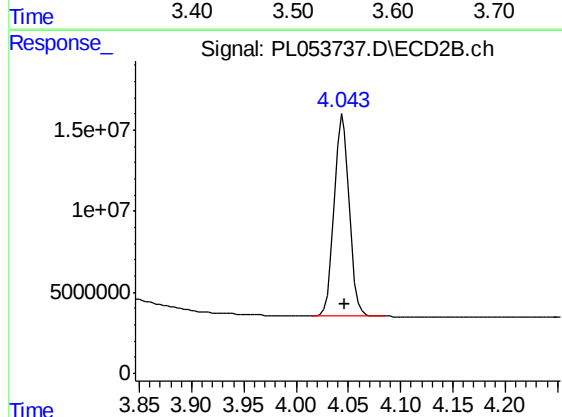
#1 Tetrachloro-m-xylene

R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 568309418  
Conc: 52.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

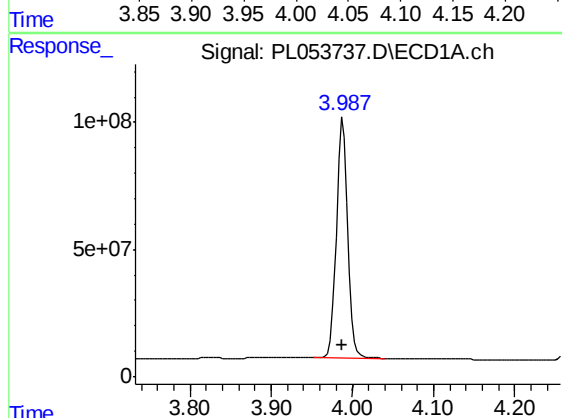
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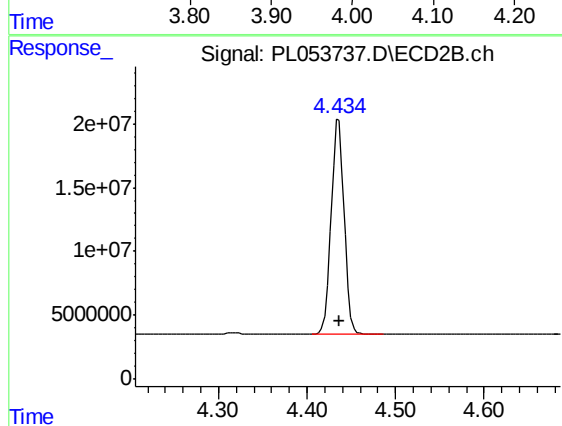
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.001 min  
Response: 125221358  
Conc: 50.04 ng/ml



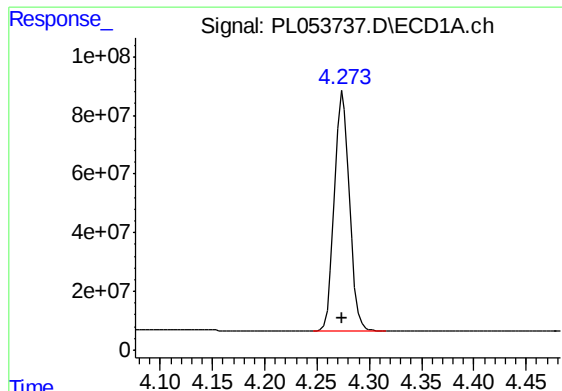
#2 alpha-BHC

R.T.: 3.988 min  
Delta R.T.: 0.000 min  
Response: 914332203  
Conc: 52.44 ng/ml



#2 alpha-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 174424665  
Conc: 50.45 ng/ml



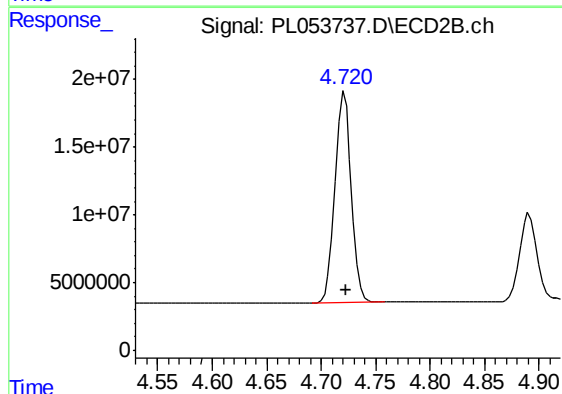
#3 gamma-BHC (Lindane)

R.T.: 4.275 min  
Delta R.T.: 0.000 min  
Response: 822951228  
Conc: 52.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

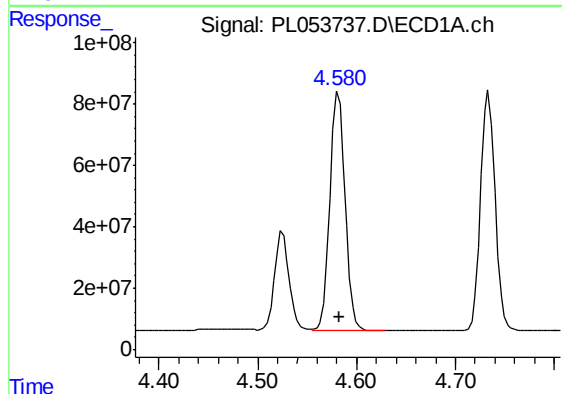
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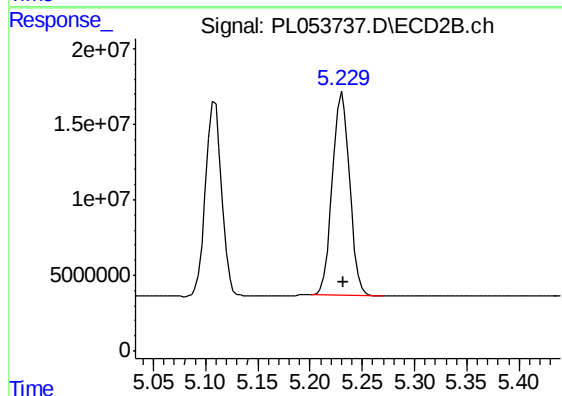
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 161306947  
Conc: 50.09 ng/ml



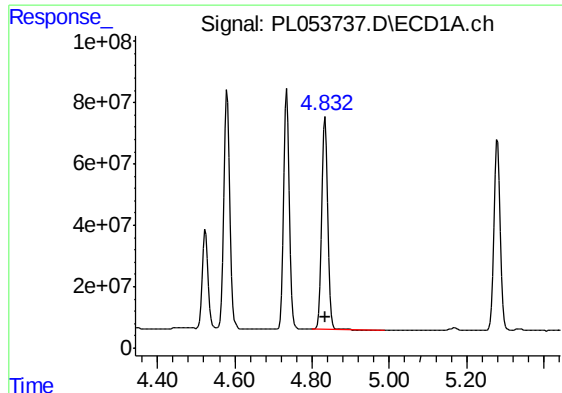
#4 Heptachlor

R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 827528032  
Conc: 52.43 ng/ml



#4 Heptachlor

R.T.: 5.231 min  
Delta R.T.: -0.001 min  
Response: 154468705  
Conc: 47.94 ng/ml



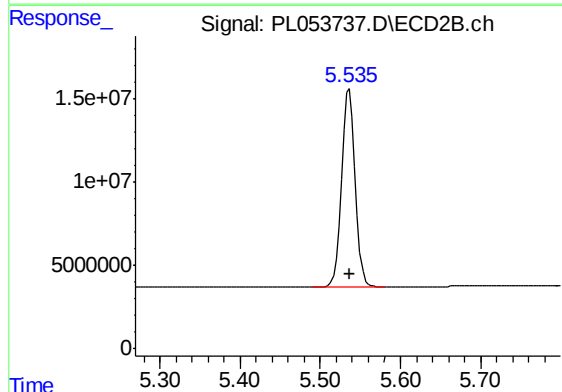
#5 Aldrin

R.T.: 4.834 min  
Delta R.T.: 0.000 min  
Response: 756278784  
Conc: 52.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

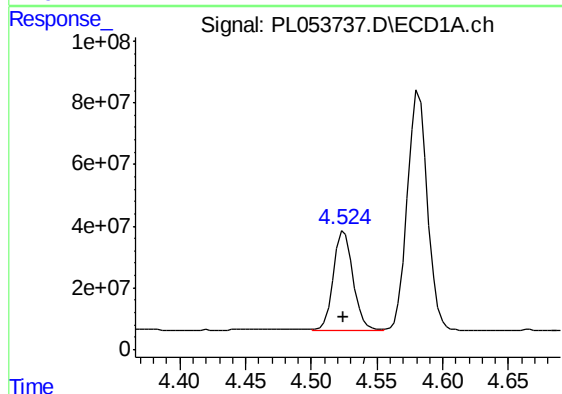
Manual Integrations  
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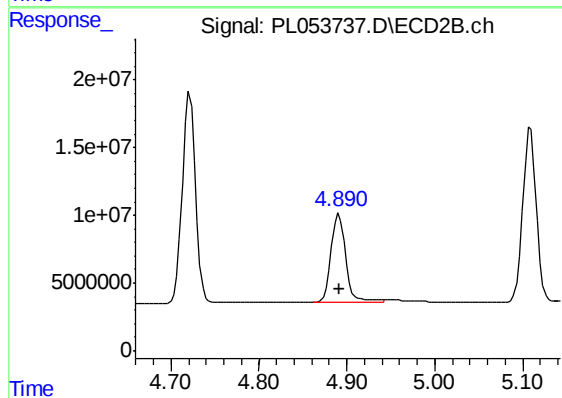
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.001 min  
Response: 141901514  
Conc: 47.59 ng/ml



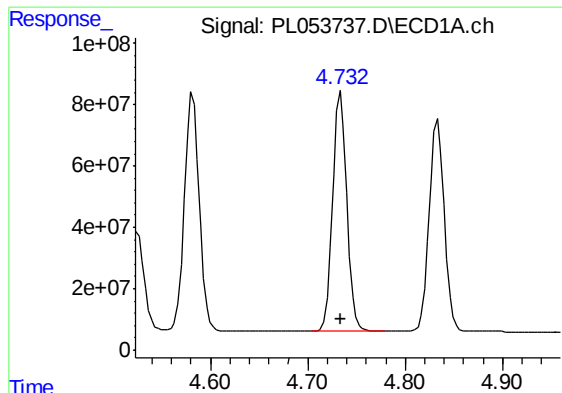
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 331609409  
Conc: 50.32 ng/ml



#6 beta-BHC

R.T.: 4.891 min  
Delta R.T.: 0.000 min  
Response: 76681792  
Conc: 49.64 ng/ml



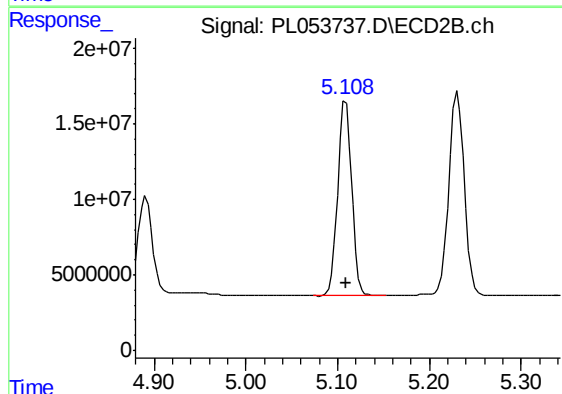
#7 delta-BHC

R.T.: 4.734 min  
Delta R.T.: 0.000 min  
Response: 797774862  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

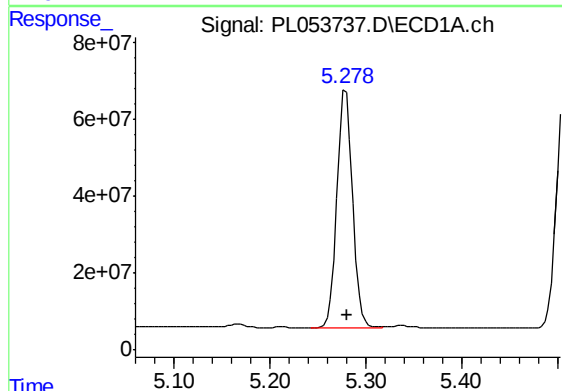
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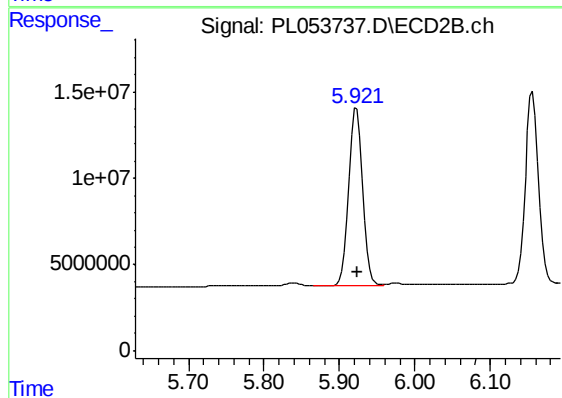
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 136889123  
Conc: 45.32 ng/ml



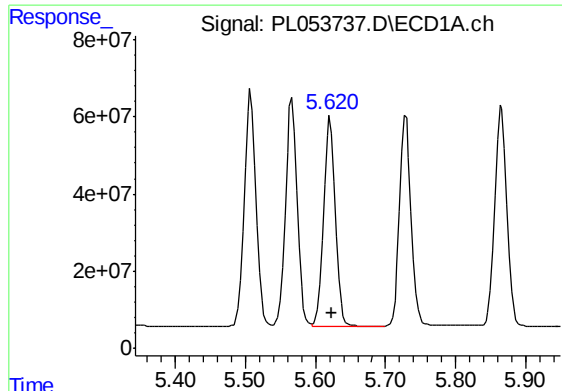
#8 Heptachlor epoxide

R.T.: 5.279 min  
Delta R.T.: -0.001 min  
Response: 699909573  
Conc: 51.85 ng/ml



#8 Heptachlor epoxide

R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 129571416  
Conc: 44.43 ng/ml



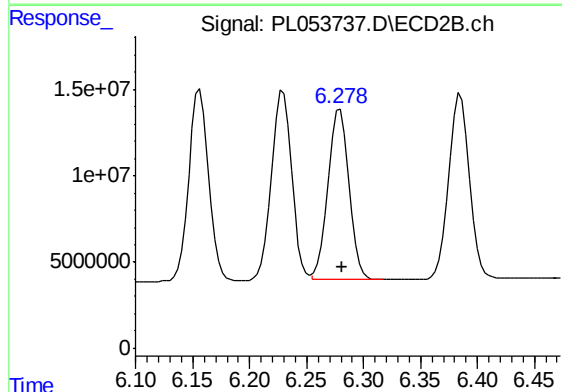
#9 Endosulfan I

R.T.: 5.621 min  
Delta R.T.: -0.002 min  
Response: 630178610  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

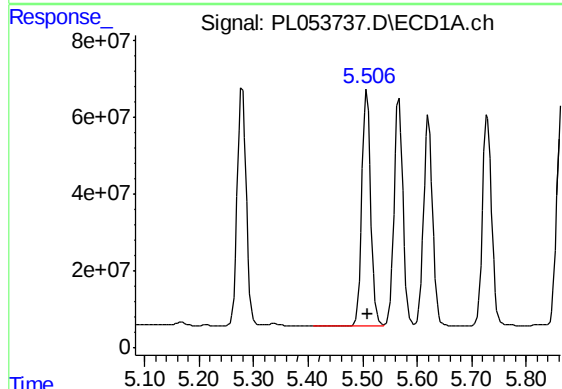
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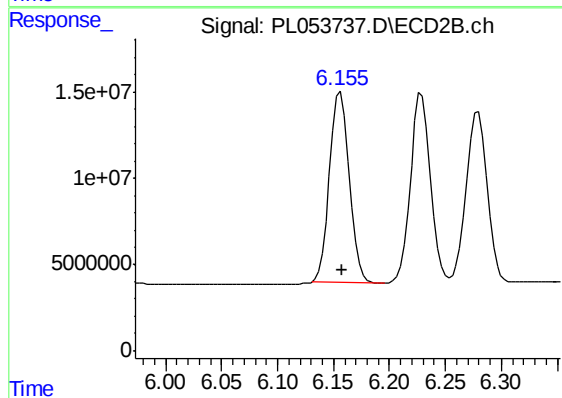
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 126335378  
Conc: 46.60 ng/ml



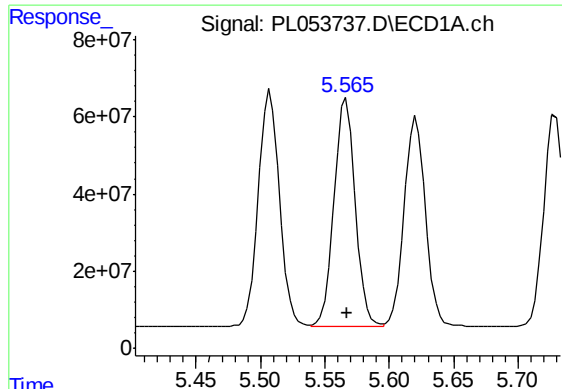
#10 gamma-Chlordane

R.T.: 5.508 min  
Delta R.T.: -0.001 min  
Response: 707825658  
Conc: 51.88 ng/ml



#10 gamma-Chlordane

R.T.: 6.157 min  
Delta R.T.: -0.001 min  
Response: 135754603  
Conc: 46.53 ng/ml



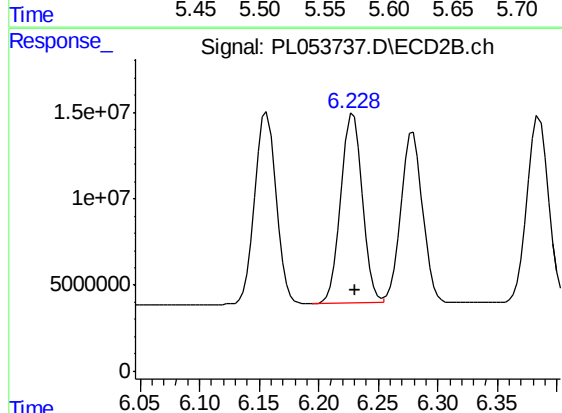
#11 alpha-Chlordane

R.T.: 5.567 min  
Delta R.T.: -0.001 min  
Response: 681301435  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

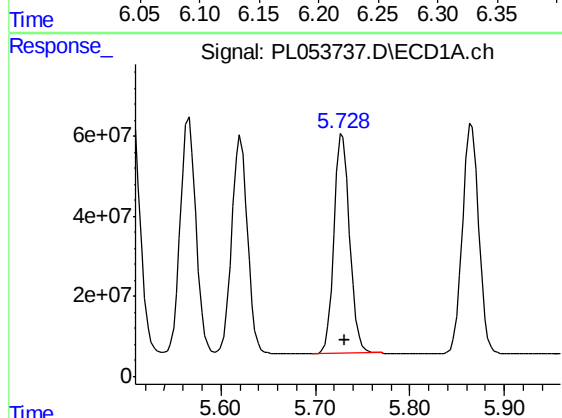
Manual Integrations  
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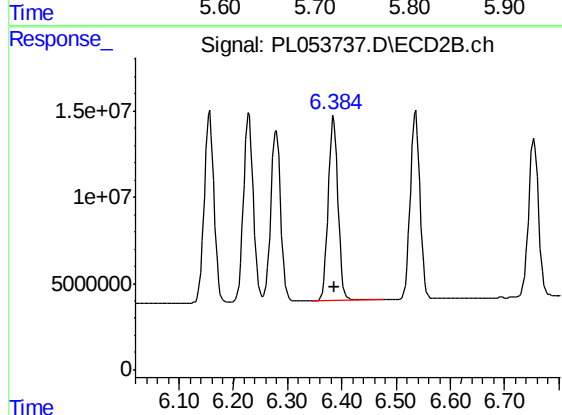
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: -0.002 min  
Response: 136806154  
Conc: 46.86 ng/ml



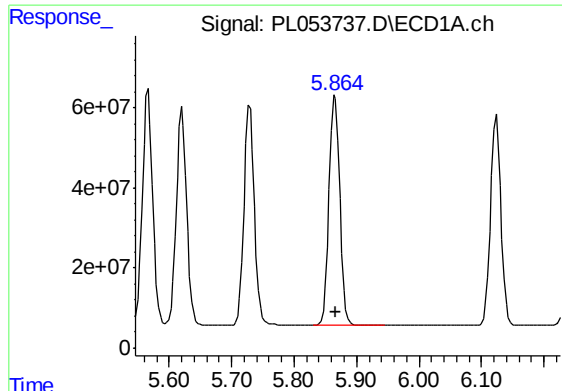
#12 4,4'-DDE

R.T.: 5.729 min  
Delta R.T.: -0.002 min  
Response: 631865347  
Conc: 53.18 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 135146719  
Conc: 47.99 ng/ml



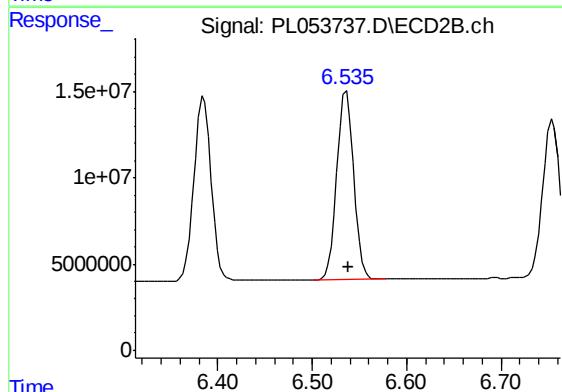
#13 Dieldrin

R.T.: 5.866 min  
Delta R.T.: -0.002 min  
Response: 679509041  
Conc: 52.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

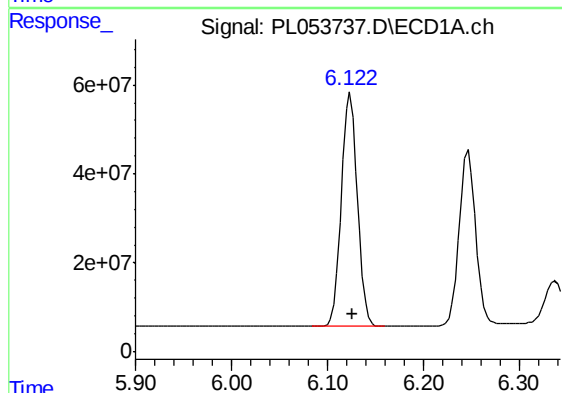
Manual Integrations  
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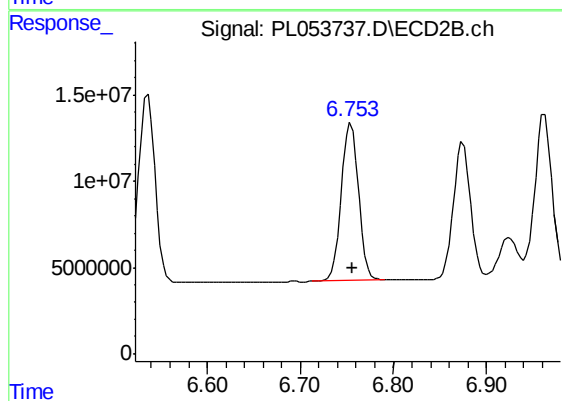
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: -0.002 min  
Response: 135917626  
Conc: 47.63 ng/ml



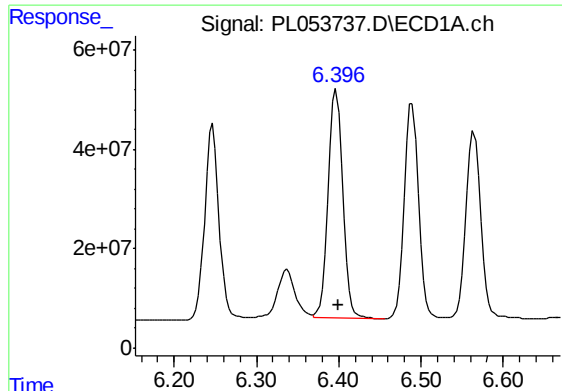
#14 Endrin

R.T.: 6.124 min  
Delta R.T.: -0.002 min  
Response: 611208544  
Conc: 52.73 ng/ml



#14 Endrin

R.T.: 6.755 min  
Delta R.T.: -0.002 min  
Response: 117352945  
Conc: 48.35 ng/ml



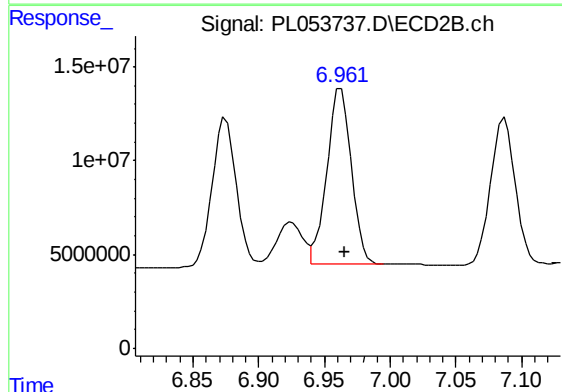
#15 Endosulfan II

R.T.: 6.397 min  
Delta R.T.: -0.002 min  
Response: 572353118  
Conc: 51.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

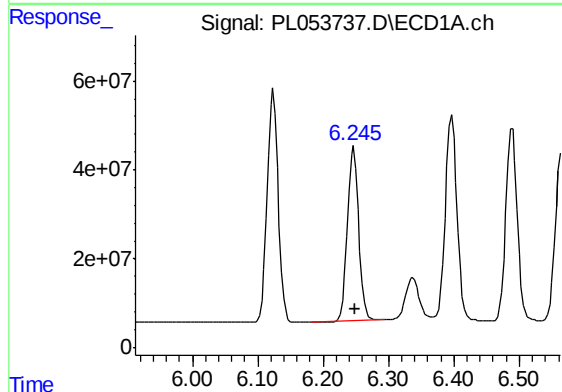
Manual Integrations  
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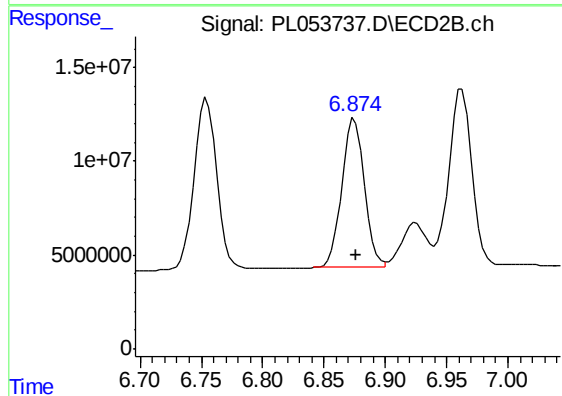
#15 Endosulfan II

R.T.: 6.961 min  
Delta R.T.: -0.004 min  
Response: 120797884  
Conc: 47.29 ng/ml m



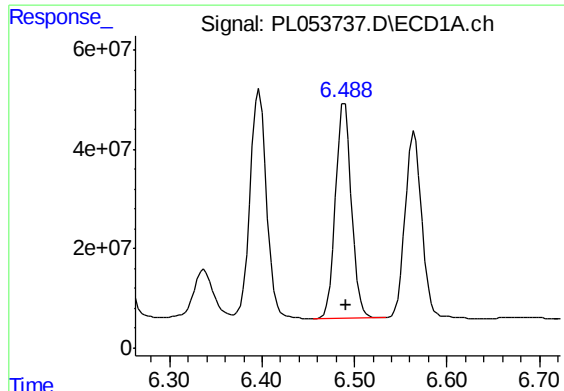
#16 4,4'-DDD

R.T.: 6.247 min  
Delta R.T.: -0.002 min  
Response: 467644710  
Conc: 52.55 ng/ml



#16 4,4'-DDD

R.T.: 6.874 min  
Delta R.T.: -0.003 min  
Response: 101972038  
Conc: 48.93 ng/ml m



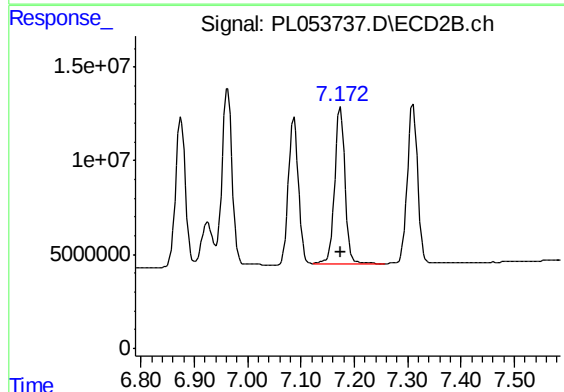
#17 4,4'-DDT

R.T.: 6.489 min  
Delta R.T.: -0.002 min  
Response: 523629301  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

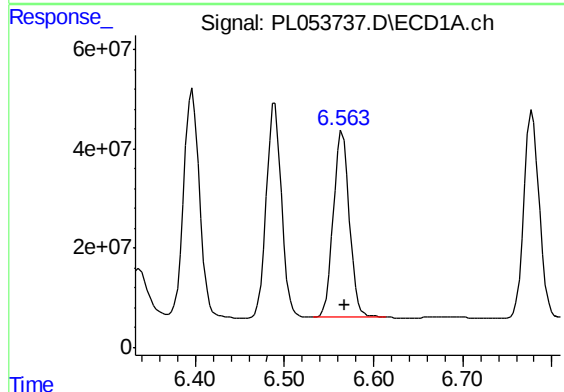
Manual Integrations  
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10/28/2019 12:27:05 PM



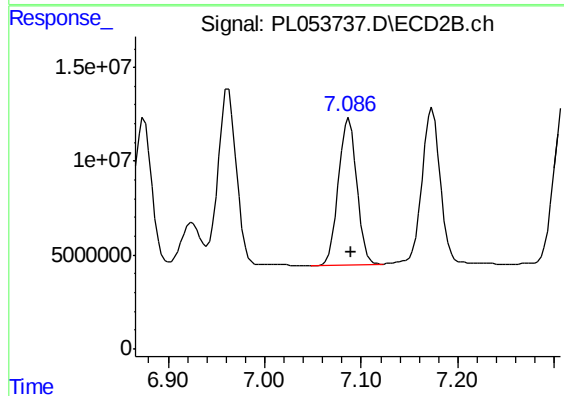
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 113249005  
Conc: 48.97 ng/ml



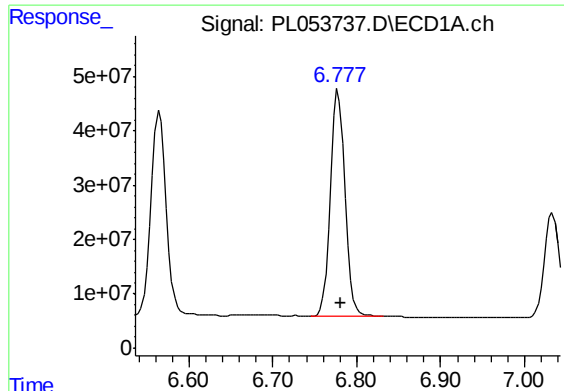
#18 Endrin aldehyde

R.T.: 6.565 min  
Delta R.T.: -0.002 min  
Response: 470142751  
Conc: 51.27 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min  
Delta R.T.: -0.002 min  
Response: 102874875  
Conc: 46.83 ng/ml



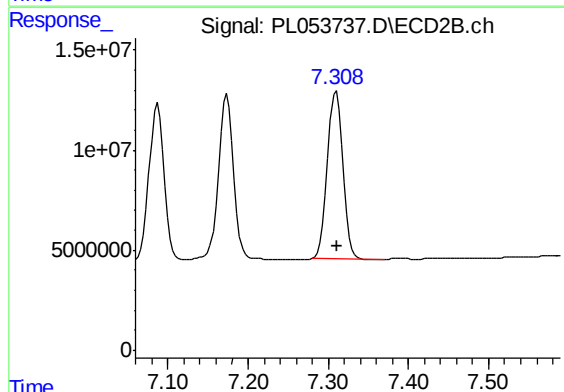
#19 Endosulfan Sulfate

R.T.: 6.778 min  
Delta R.T.: -0.003 min  
Response: 507726415  
Conc: 49.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

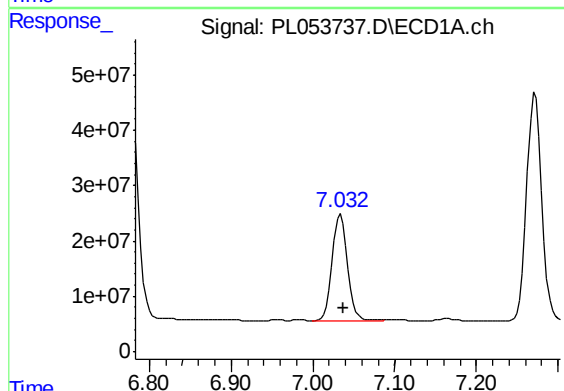
Manual Integrations  
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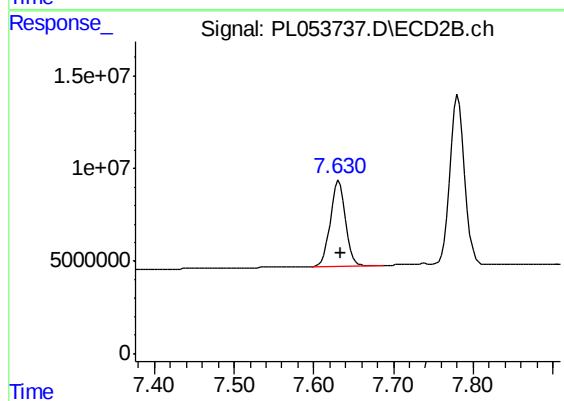
#19 Endosulfan Sulfate

R.T.: 7.310 min  
Delta R.T.: -0.002 min  
Response: 111305692  
Conc: 45.36 ng/ml



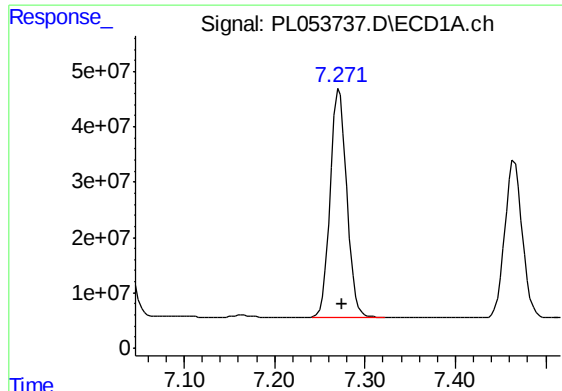
#20 Methoxychlor

R.T.: 7.034 min  
Delta R.T.: -0.003 min  
Response: 249581134  
Conc: 50.62 ng/ml



#20 Methoxychlor

R.T.: 7.631 min  
Delta R.T.: -0.002 min  
Response: 61019830  
Conc: 46.98 ng/ml



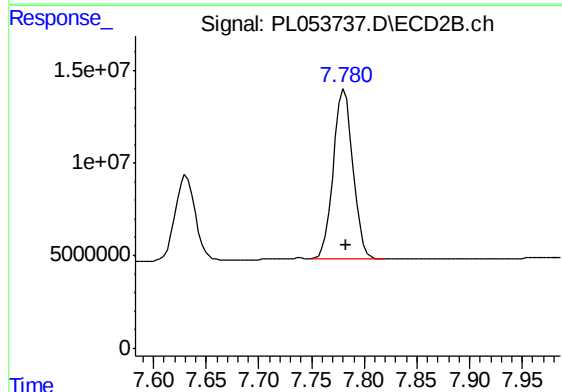
#21 Endrin ketone

R.T.: 7.272 min  
Delta R.T.: -0.003 min  
Response: 523166177  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

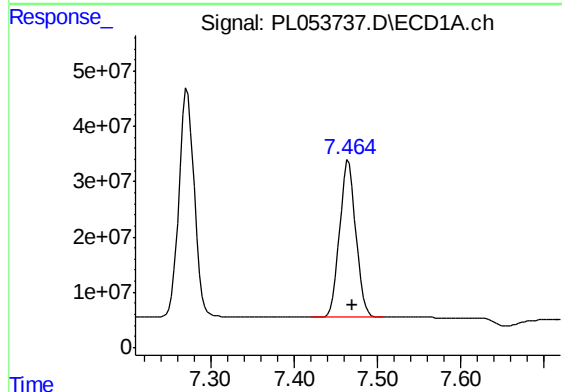
Manual Integrations  
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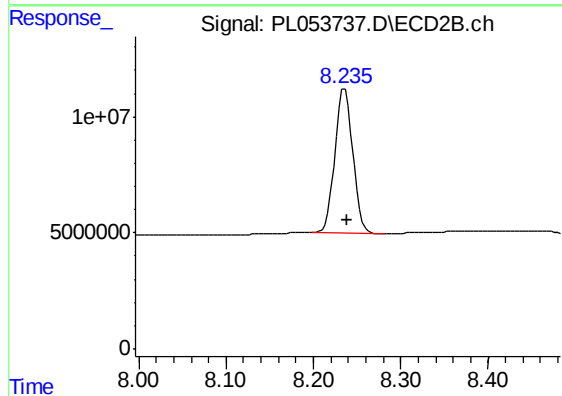
#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: -0.002 min  
Response: 117939028  
Conc: 45.74 ng/ml



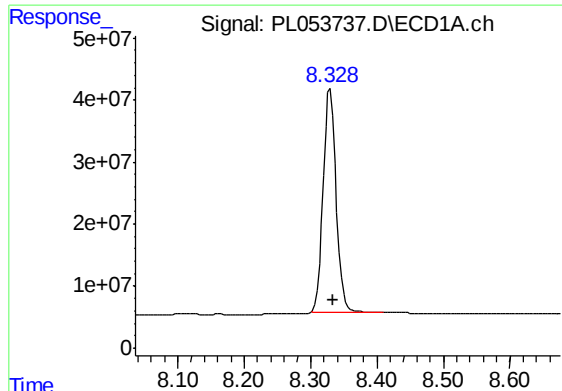
#22 Mirex

R.T.: 7.464 min  
Delta R.T.: -0.005 min  
Response: 384756341  
Conc: 44.98 ng/ml m



#22 Mirex

R.T.: 8.236 min  
Delta R.T.: -0.002 min  
Response: 88807448  
Conc: 43.90 ng/ml



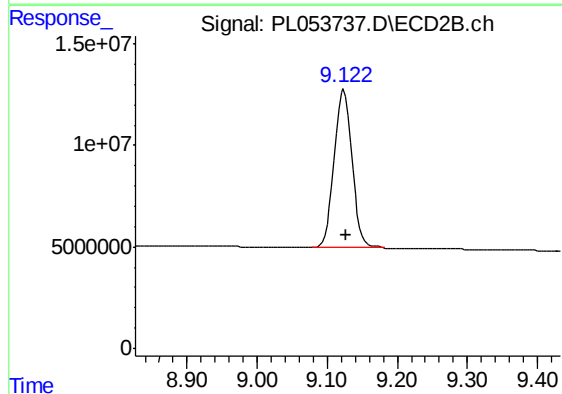
#28 Decachlorobiphenyl

R.T.: 8.330 min  
Delta R.T.: -0.004 min  
Response: 491685166  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.124 min  
Delta R.T.: -0.002 min  
Response: 138555139  
Conc: 49.20 ng/ml