

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
 Data File : PL053820.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2019 09:56  
 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 29 09:13:46 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... | 3.542 | 4.045 | 586.2E6 | 131.5E6  | 54.077  | 52.552  |
| 28)                         | SA Decachlor... | 8.324 | 9.122 | 448.5E6 | 134.1E6  | 45.712m | 47.614  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.985 | 4.436 | 969.2E6 | 185.5E6  | 55.586  | 53.651  |
| 3)                          | MA gamma-BHC... | 4.271 | 4.721 | 862.9E6 | 171.9E6  | 55.406  | 53.383  |
| 4)                          | MA Heptachlor   | 4.578 | 5.231 | 865.9E6 | 164.4E6  | 54.864  | 51.026  |
| 5)                          | MB Aldrin       | 4.830 | 5.536 | 814.2E6 | 157.6E6  | 56.953  | 52.860  |
| 6)                          | B beta-BHC      | 4.522 | 4.891 | 353.2E6 | 80165363 | 53.599  | 51.900  |
| 7)                          | B delta-BHC     | 4.730 | 5.109 | 842.1E6 | 162.3E6  | 55.322  | 53.720  |
| 8)                          | B Heptachlor... | 5.275 | 5.923 | 737.3E6 | 149.9E6  | 54.619  | 51.406  |
| 9)                          | A Endosulfan I  | 5.617 | 6.279 | 675.7E6 | 136.7E6  | 54.969  | 50.433  |
| 10)                         | B gamma-Chl...  | 5.503 | 6.155 | 751.8E6 | 150.3E6  | 55.099  | 51.503m |
| 11)                         | B alpha-Chl...  | 5.562 | 6.229 | 725.2E6 | 148.9E6  | 54.515  | 51.011  |
| 12)                         | B 4,4'-DDE      | 5.725 | 6.385 | 667.7E6 | 142.6E6  | 56.195  | 50.636  |
| 13)                         | MA Dieldrin     | 5.861 | 6.536 | 705.1E6 | 145.8E6  | 54.098  | 51.106  |
| 14)                         | MA Endrin       | 6.120 | 6.754 | 592.3E6 | 119.0E6  | 51.099  | 49.009  |
| 15)                         | B Endosulfa...  | 6.393 | 6.962 | 555.0E6 | 127.9E6  | 49.641  | 50.084  |
| 16)                         | A 4,4'-DDD      | 6.243 | 6.875 | 504.8E6 | 114.2E6  | 56.720  | 54.800  |
| 17)                         | MA 4,4'-DDT     | 6.485 | 7.174 | 472.3E6 | 109.1E6  | 47.680  | 47.178  |
| 18)                         | B Endrin al...  | 6.561 | 7.086 | 431.4E6 | 106.5E6  | 47.045  | 48.458  |
| 19)                         | B Endosulfa...  | 6.775 | 7.310 | 490.2E6 | 118.7E6  | 48.190  | 48.367  |
| 20)                         | A Methoxychlor  | 7.030 | 7.631 | 228.9E6 | 59732070 | 46.428  | 45.986  |
| 21)                         | B Endrin ke...  | 7.268 | 7.781 | 523.7E6 | 125.9E6  | 48.652  | 48.823  |
| 22)                         | Mirex           | 7.462 | 8.236 | 393.5E6 | 102.0E6  | 46.004  | 50.404  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
Data File : PL053820.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2019 09:56  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

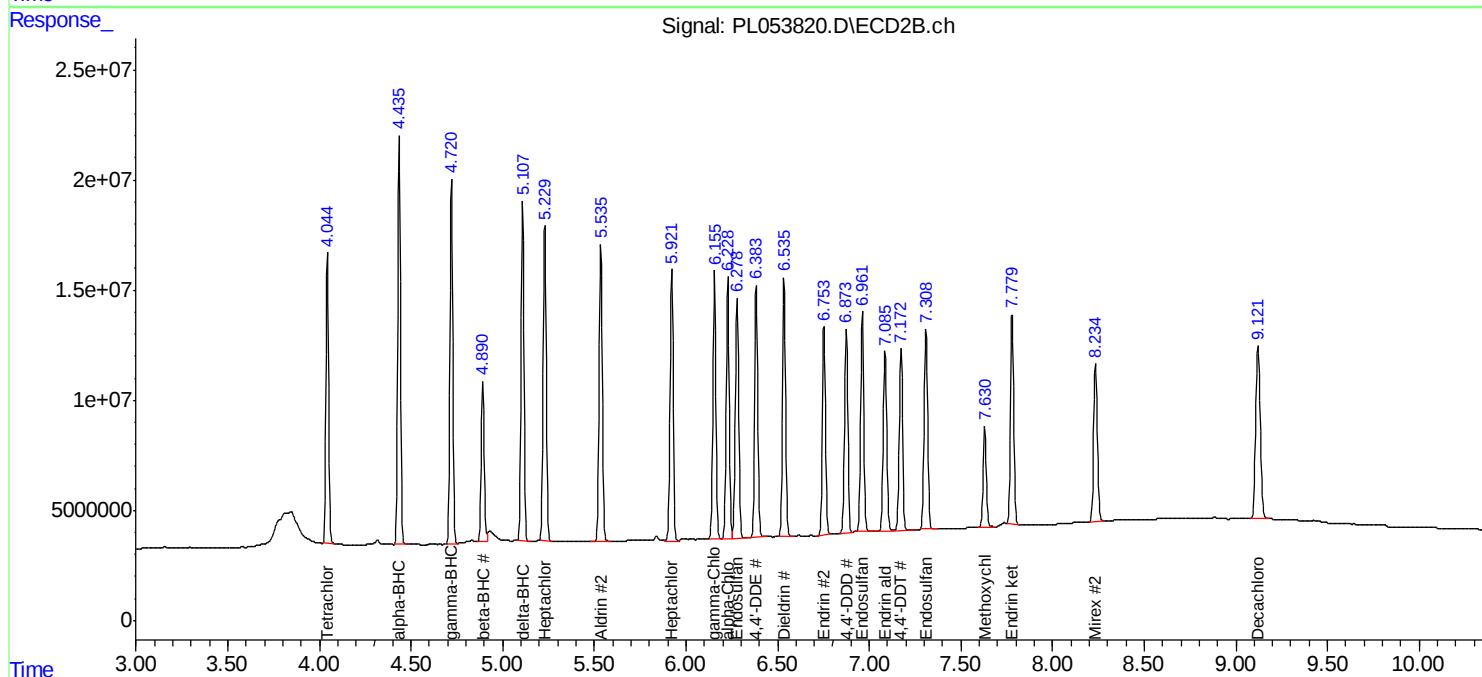
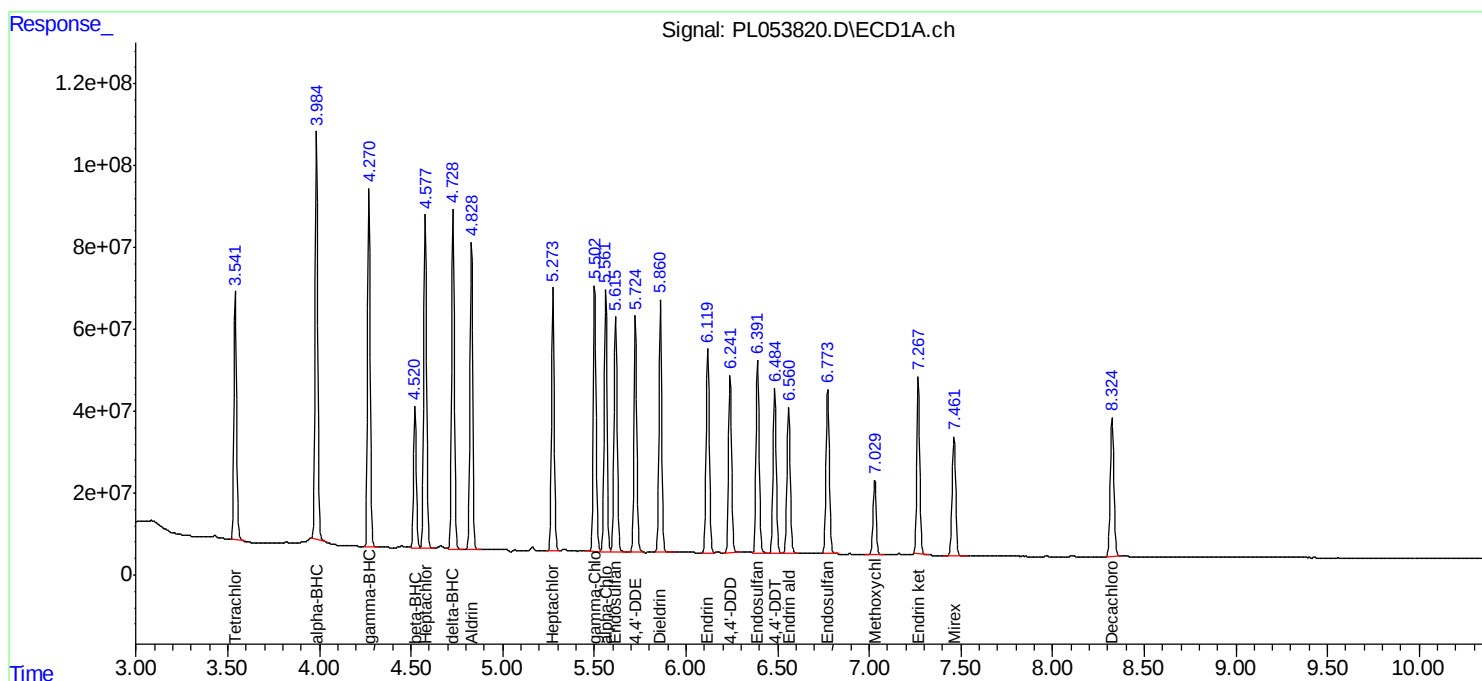
Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

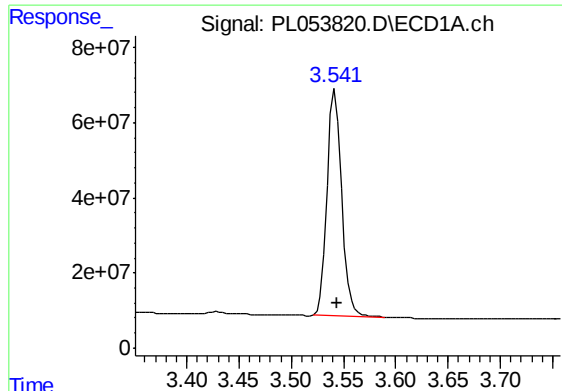
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 09:13:46 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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





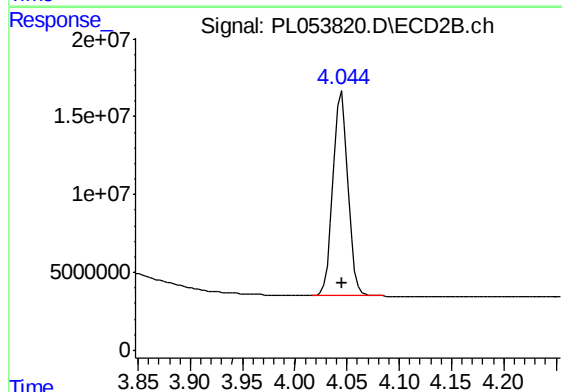
#1 Tetrachloro-m-xylene

R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 586160517  
Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

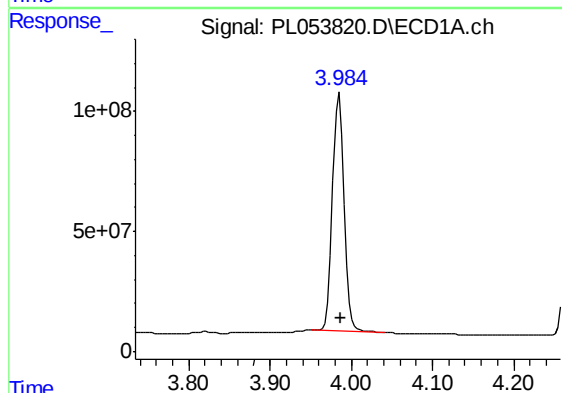
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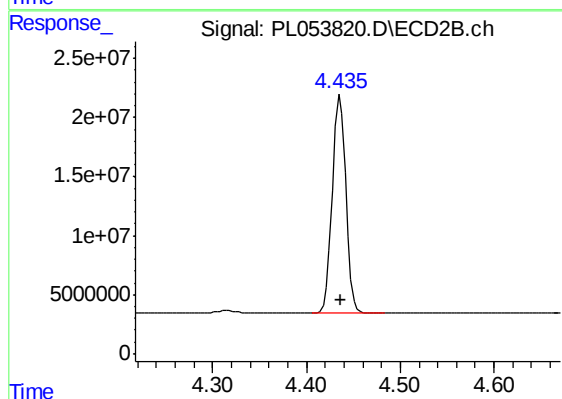
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: 0.000 min  
Response: 131505096  
Conc: 52.55 ng/ml



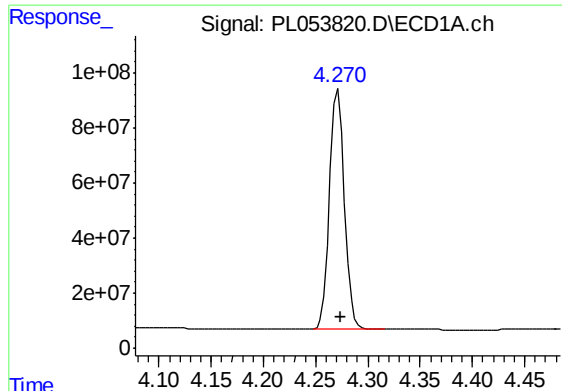
#2 alpha-BHC

R.T.: 3.985 min  
Delta R.T.: -0.003 min  
Response: 969232595  
Conc: 55.59 ng/ml



#2 alpha-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 185476535  
Conc: 53.65 ng/ml



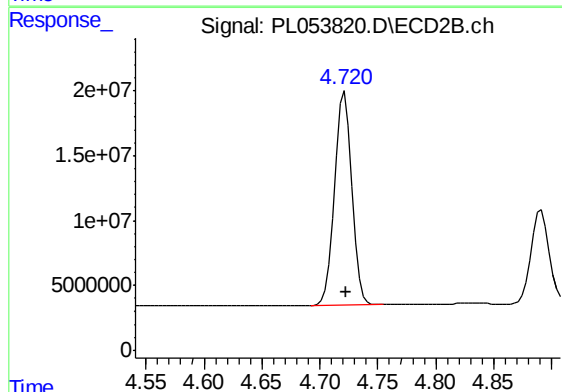
#3 gamma-BHC (Lindane)

R.T.: 4.271 min  
Delta R.T.: -0.003 min  
Response: 862879561  
Conc: 55.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

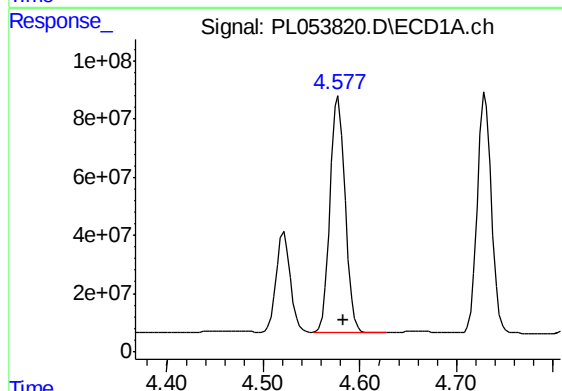
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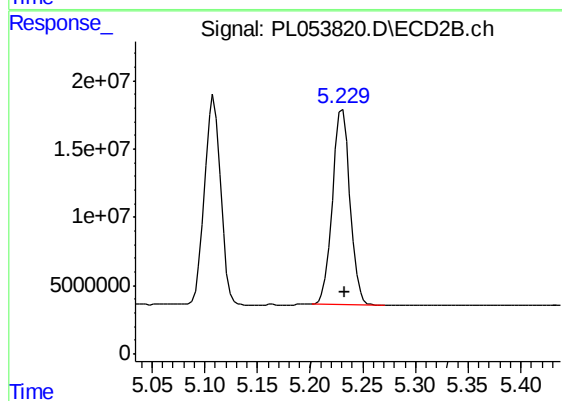
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 171913922  
Conc: 53.38 ng/ml



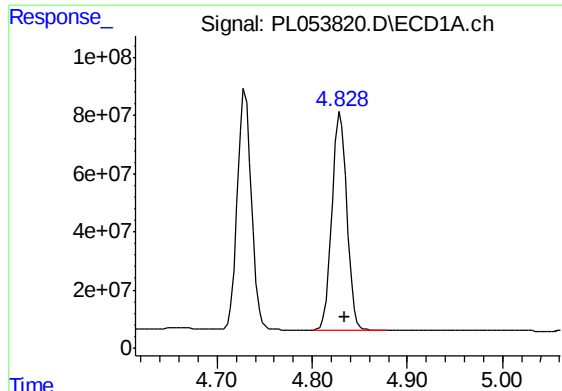
#4 Heptachlor

R.T.: 4.578 min  
Delta R.T.: -0.004 min  
Response: 865914864  
Conc: 54.86 ng/ml



#4 Heptachlor

R.T.: 5.231 min  
Delta R.T.: -0.001 min  
Response: 164415233  
Conc: 51.03 ng/ml



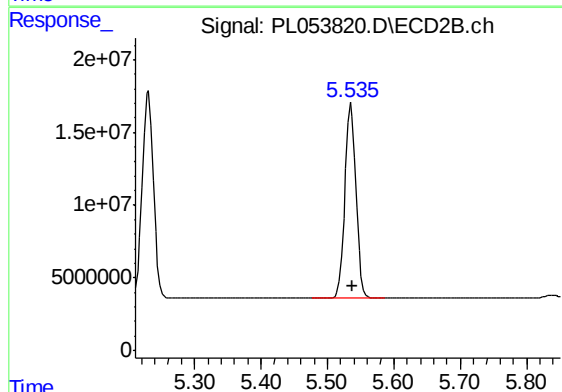
#5 Aldrin

R.T.: 4.830 min  
Delta R.T.: -0.005 min  
Response: 814180528  
Conc: 56.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

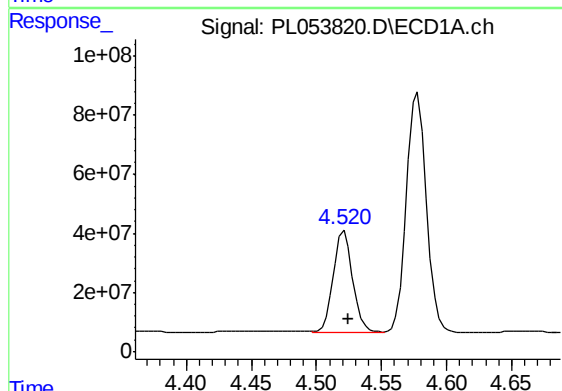
Manual Integrations  
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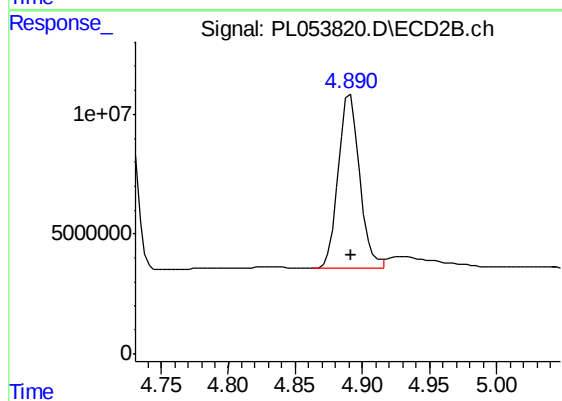
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.002 min  
Response: 157604914  
Conc: 52.86 ng/ml



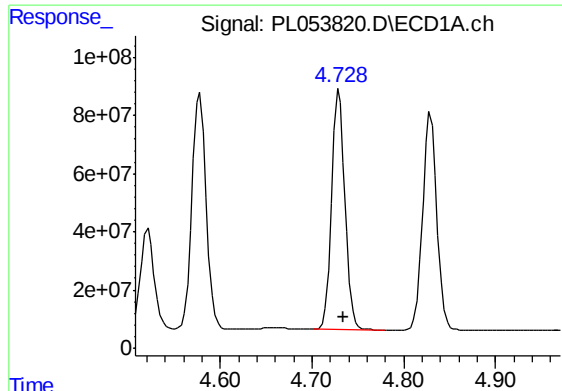
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: -0.003 min  
Response: 353211055  
Conc: 53.60 ng/ml



#6 beta-BHC

R.T.: 4.891 min  
Delta R.T.: 0.000 min  
Response: 80165363  
Conc: 51.90 ng/ml



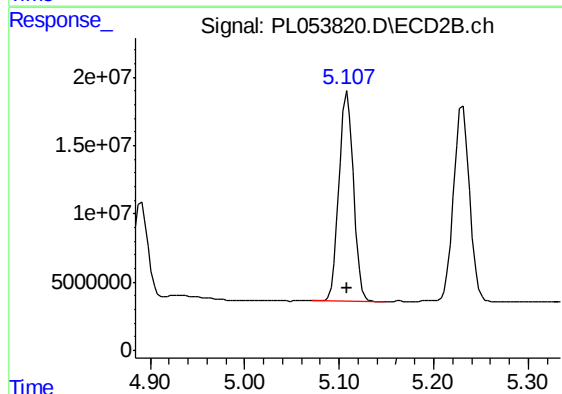
#7 delta-BHC

R.T.: 4.730 min  
Delta R.T.: -0.004 min  
Response: 842056910  
Conc: 55.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

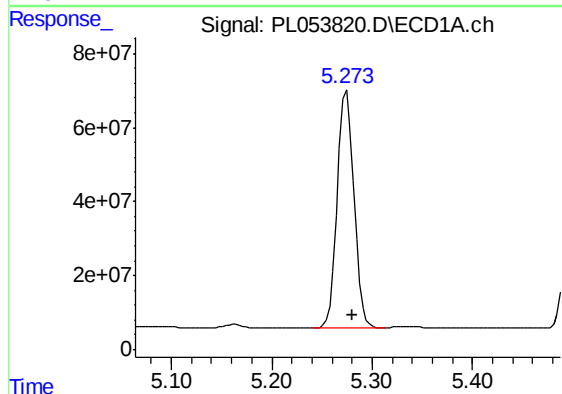
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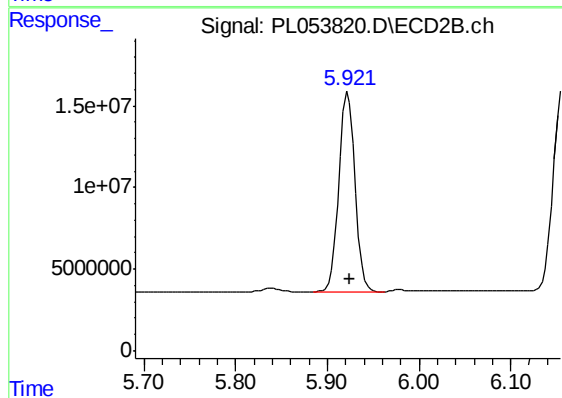
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 162266268  
Conc: 53.72 ng/ml



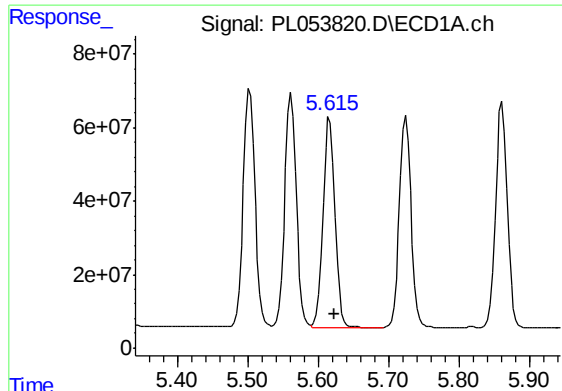
#8 Heptachlor epoxide

R.T.: 5.275 min  
Delta R.T.: -0.006 min  
Response: 737311943  
Conc: 54.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 149919975  
Conc: 51.41 ng/ml



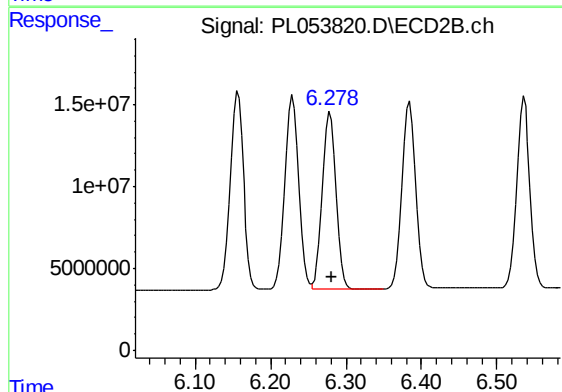
#9 Endosulfan I

R.T.: 5.617 min  
Delta R.T.: -0.006 min  
Response: 675686766  
Conc: 54.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

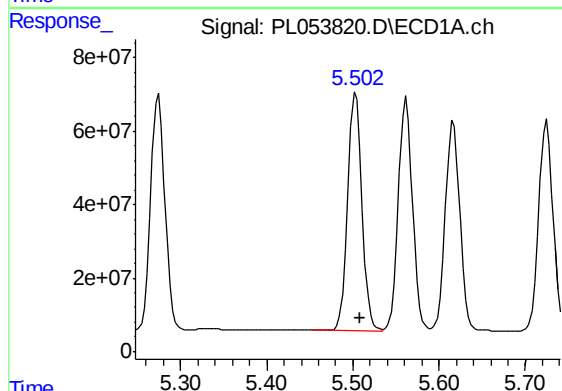
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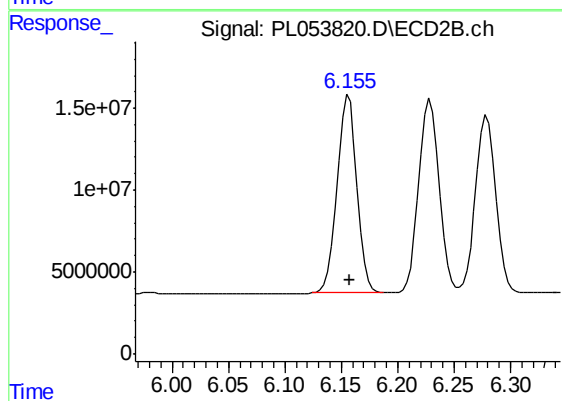
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 136735619  
Conc: 50.43 ng/ml



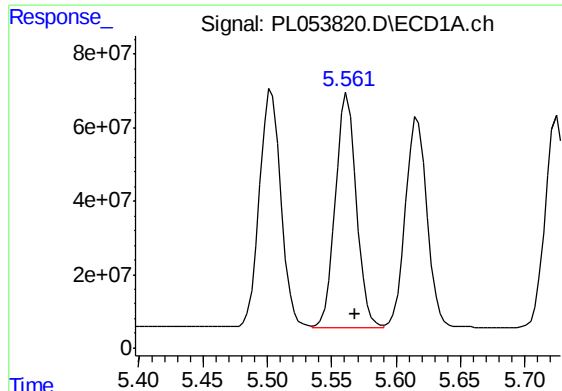
#10 gamma-Chlordane

R.T.: 5.503 min  
Delta R.T.: -0.006 min  
Response: 751756536  
Conc: 55.10 ng/ml



#10 gamma-Chlordane

R.T.: 6.155 min  
Delta R.T.: -0.003 min  
Response: 150276820  
Conc: 51.50 ng/ml m



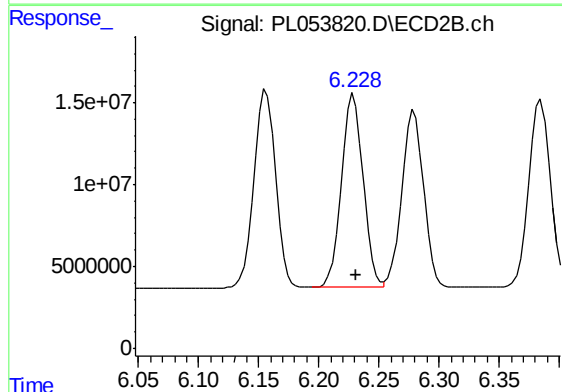
#11 alpha-Chlordane

R.T.: 5.562 min  
Delta R.T.: -0.006 min  
Response: 725242468  
Conc: 54.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

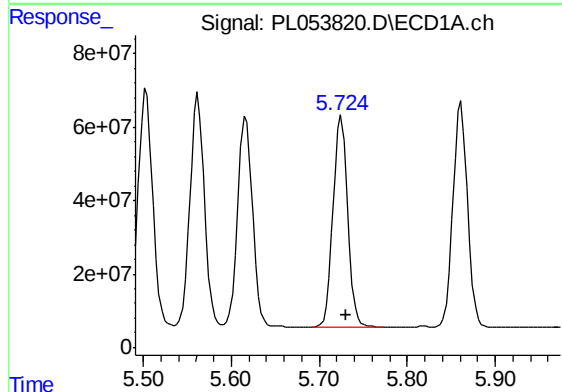
Manual Integrations  
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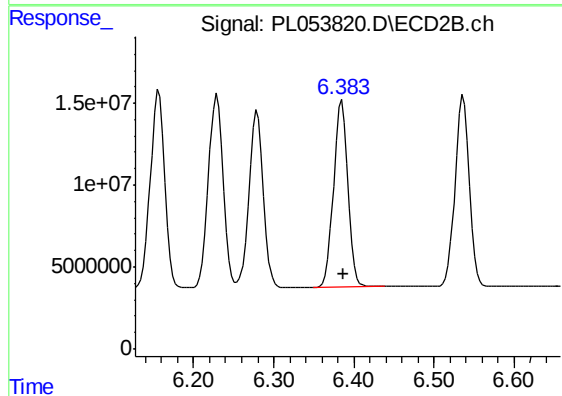
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: -0.002 min  
Response: 148911822  
Conc: 51.01 ng/ml



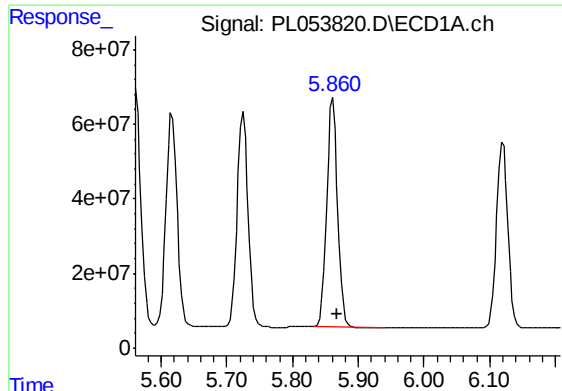
#12 4,4'-DDE

R.T.: 5.725 min  
Delta R.T.: -0.006 min  
Response: 667725442  
Conc: 56.20 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 142609644  
Conc: 50.64 ng/ml



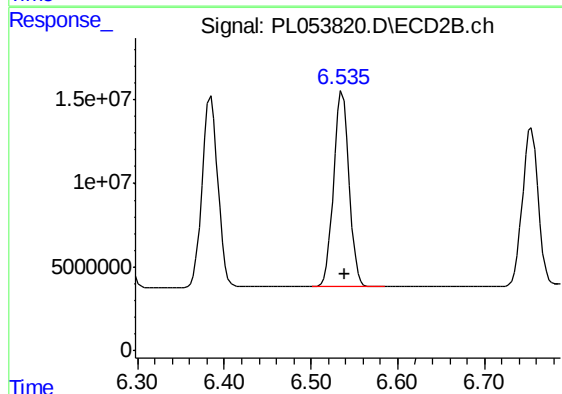
#13 Dieldrin

R.T.: 5.861 min  
Delta R.T.: -0.006 min  
Response: 705094514  
Conc: 54.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

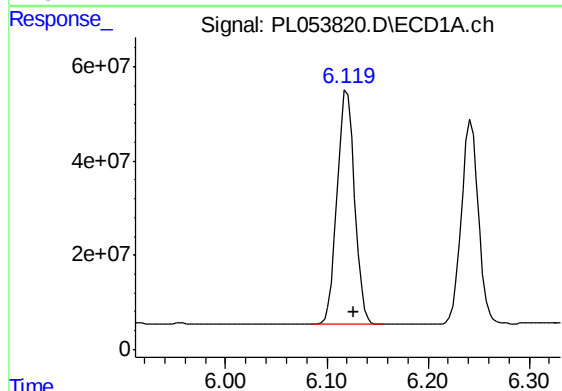
Manual Integrations  
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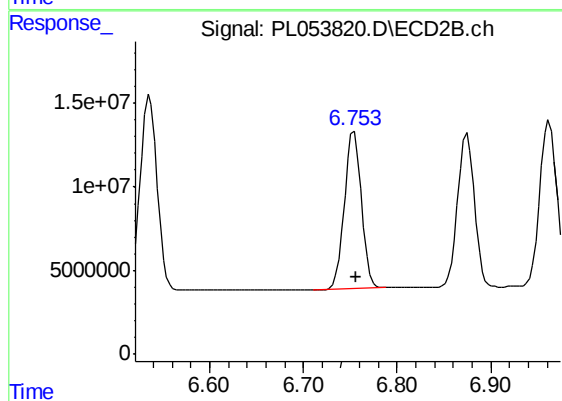
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: -0.002 min  
Response: 145839057  
Conc: 51.11 ng/ml



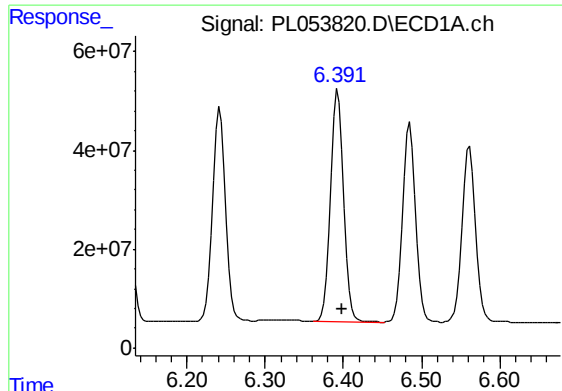
#14 Endrin

R.T.: 6.120 min  
Delta R.T.: -0.006 min  
Response: 592299056  
Conc: 51.10 ng/ml



#14 Endrin

R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 118954083  
Conc: 49.01 ng/ml



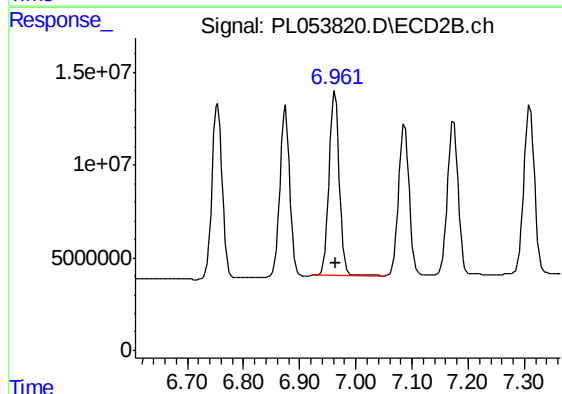
#15 Endosulfan II

R.T.: 6.393 min  
Delta R.T.: -0.006 min  
Response: 555009483  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

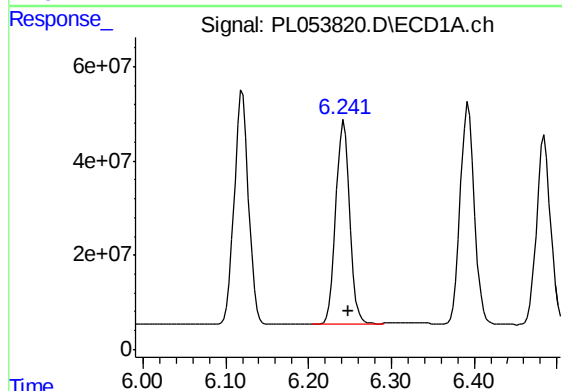
Manual Integrations  
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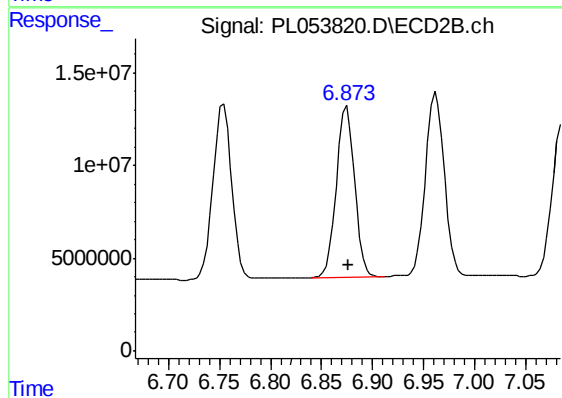
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: -0.003 min  
Response: 127940019  
Conc: 50.08 ng/ml



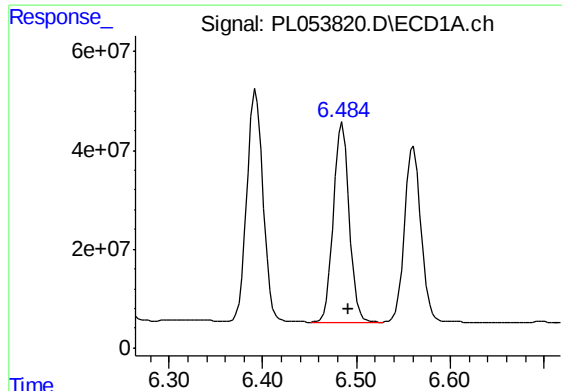
#16 4,4'-DDD

R.T.: 6.243 min  
Delta R.T.: -0.006 min  
Response: 504797593  
Conc: 56.72 ng/ml



#16 4,4'-DDD

R.T.: 6.875 min  
Delta R.T.: -0.002 min  
Response: 114201769  
Conc: 54.80 ng/ml



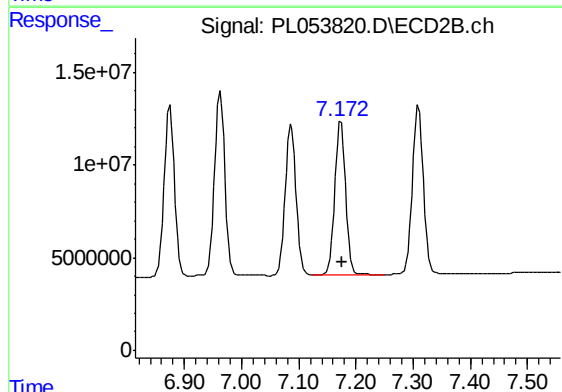
#17 4,4'-DDT

R.T.: 6.485 min  
Delta R.T.: -0.006 min  
Response: 472329559  
Conc: 47.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

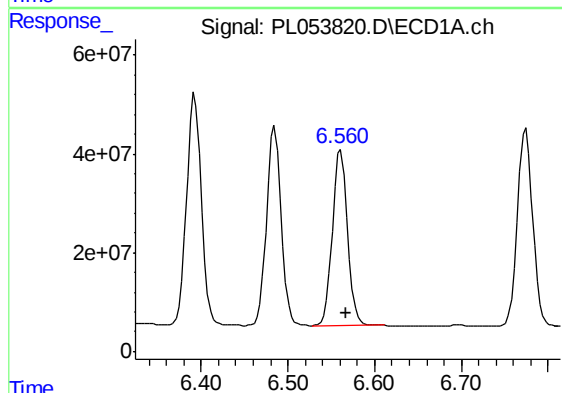
Manual Integrations  
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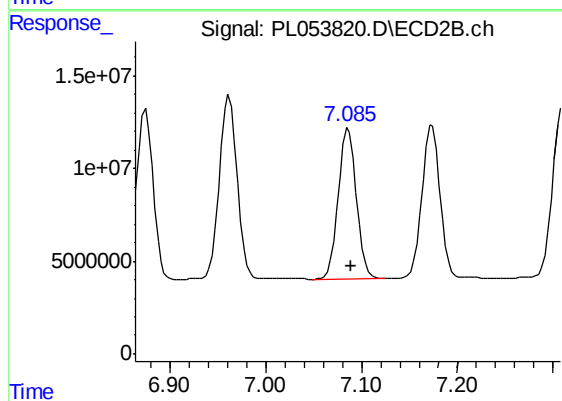
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 109098650  
Conc: 47.18 ng/ml



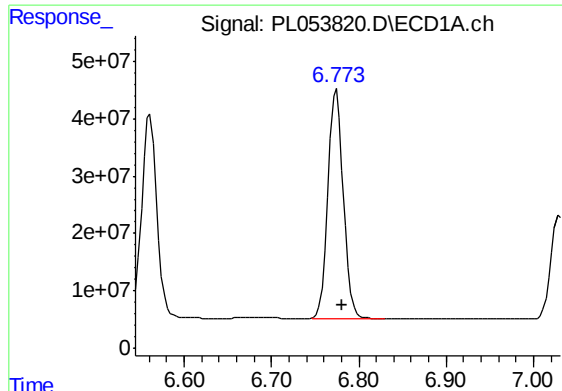
#18 Endrin aldehyde

R.T.: 6.561 min  
Delta R.T.: -0.006 min  
Response: 431370331  
Conc: 47.05 ng/ml



#18 Endrin aldehyde

R.T.: 7.086 min  
Delta R.T.: -0.003 min  
Response: 106451439  
Conc: 48.46 ng/ml



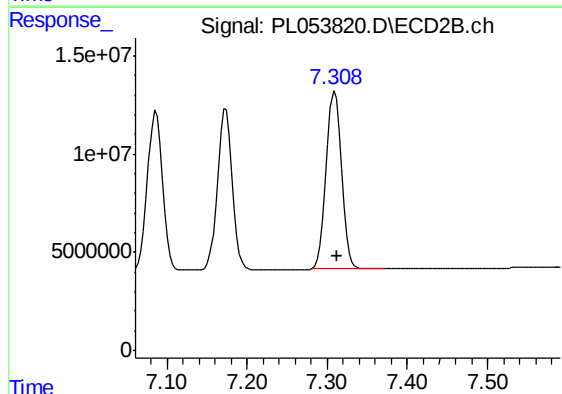
#19 Endosulfan Sulfate

R.T.: 6.775 min  
Delta R.T.: -0.007 min  
Response: 490165850  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

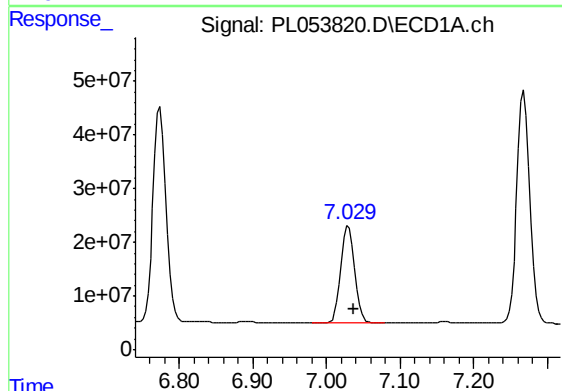
Manual Integrations  
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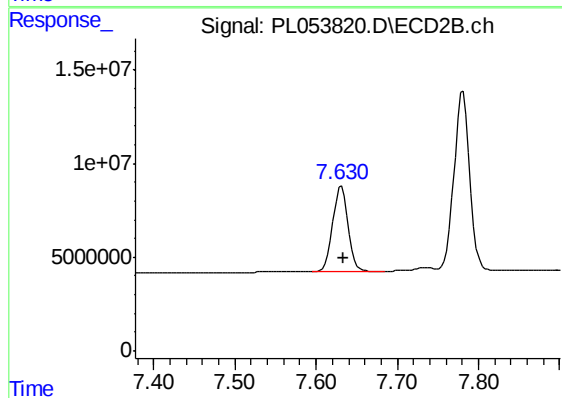
#19 Endosulfan Sulfate

R.T.: 7.310 min  
Delta R.T.: -0.002 min  
Response: 118672742  
Conc: 48.37 ng/ml



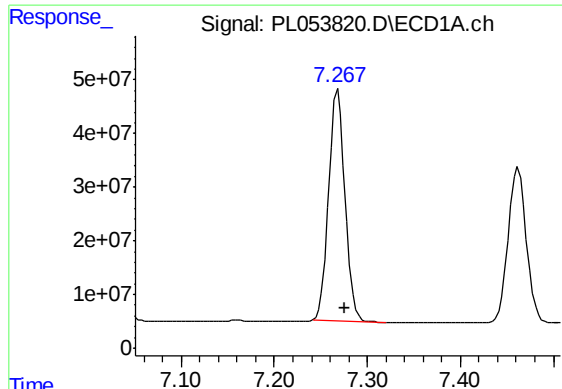
#20 Methoxychlor

R.T.: 7.030 min  
Delta R.T.: -0.007 min  
Response: 228904673  
Conc: 46.43 ng/ml



#20 Methoxychlor

R.T.: 7.631 min  
Delta R.T.: -0.002 min  
Response: 59732070  
Conc: 45.99 ng/ml



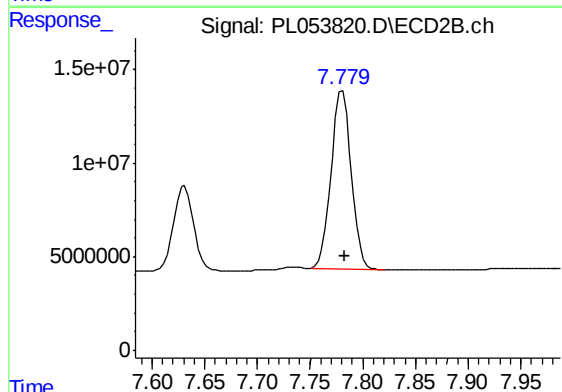
#21 Endrin ketone

R.T.: 7.268 min  
Delta R.T.: -0.007 min  
Response: 523744277  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

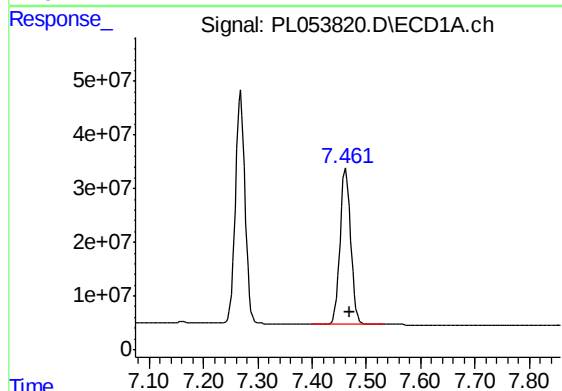
Manual Integrations  
APPROVED

Ankita  
10/29/2019 1:33:46 PM



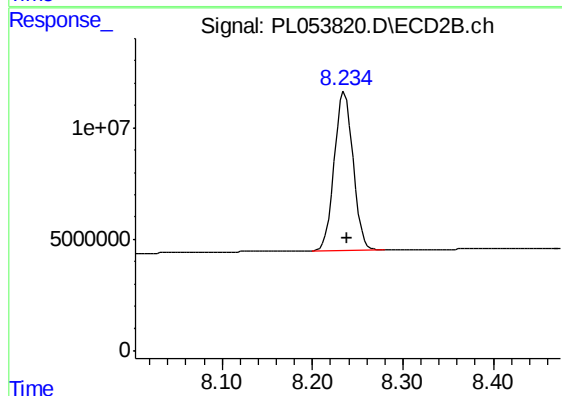
#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: -0.002 min  
Response: 125889033  
Conc: 48.82 ng/ml



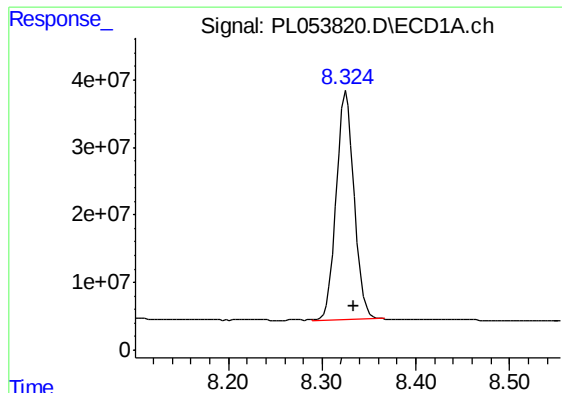
#22 Mirex

R.T.: 7.462 min  
Delta R.T.: -0.007 min  
Response: 393474328  
Conc: 46.00 ng/ml



#22 Mirex

R.T.: 8.236 min  
Delta R.T.: -0.003 min  
Response: 101970193  
Conc: 50.40 ng/ml



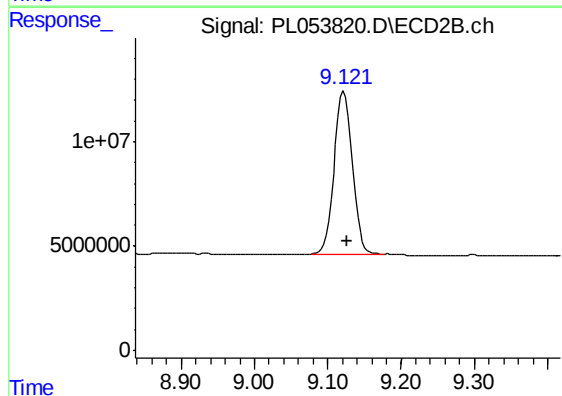
#28 Decachlorobiphenyl

R.T.: 8.324 min  
Delta R.T.: -0.010 min  
Response: 448507601  
Conc: 45.71 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.004 min  
Response: 134083422  
Conc: 47.61 ng/ml