

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053119\  
 Data File : PL049157.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2019 19:01  
 Operator : SM\AJ  
 Sample : K3124-09  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleID :  
 TP-25-D

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 23:16:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 31 01:35:35 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... | 3.324 | 3.937  | 225.1E6 | 59672300 | 20.432 | 20.655  |
| 28)                         | SA Decachlor... | 7.992 | 8.973  | 207.0E6 | 61815364 | 16.281 | 18.509  |
| Target Compounds            |                 |       |        |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.750 | 4.323  | 7386890 | 564877   | 0.410  | 0.141m# |
| 3)                          | MA gamma-BHC... | 4.026 | 4.606  | 2899570 | 874193   | 0.171m | 0.234m# |
| 4)                          | MA Heptachlor   | 4.311 | 5.110  | 2663624 | 1026996  | 0.150m | 0.256m# |
| 5)                          | MB Aldrin       | 4.547 | 5.412  | 2892301 | 545195   | 0.169m | 0.148m  |
| 7)                          | B delta-BHC     | 4.473 | 4.996  | 4615824 | 639150   | 0.286m | 0.208m# |
| 8)                          | B Heptachlo...  | 4.985 | 5.797  | 1340740 | 1182564  | 0.090m | 0.362m# |
| 9)                          | A Endosulfan I  | 5.315 | 6.153  | 1986194 | 640950   | 0.136m | 0.199m# |
| 10)                         | B gamma-Chl...  | 5.208 | 6.039  | 2220146 | 525864   | 0.139m | 0.152m  |
| 11)                         | B alpha-Chl...  | 5.265 | 6.104  | 3487286 | 859185   | 0.223m | 0.248m  |
| 12)                         | B 4,4'-DDE      | 5.433 | 6.267  | 3733702 | 910853   | 0.239m | 0.277m  |
| 13)                         | MA Dieldrin     | 5.555 | 6.410  | 2449497 | 565547   | 0.160m | 0.169m  |
| 14)                         | MA Endrin       | 5.809 | 6.626  | 2790786 | 591146   | 0.193m | 0.198m  |
| 15)                         | B Endosulfa...  | 6.083 | 6.858f | 2868171 | 5221611  | 0.217m | 1.722 # |
| 16)                         | A 4,4'-DDD      | 5.944 | 6.754  | 3636809 | 672646   | 0.306m | 0.256m  |
| 17)                         | MA 4,4'-DDT     | 6.177 | 7.063  | 2291941 | 832611   | 0.186m | 0.297m# |
| 18)                         | B Endrin al...  | 6.250 | 6.963  | 3763940 | 900158   | 0.344m | 0.349m  |
| 19)                         | B Endosulfa...  | 6.462 | 7.185  | 3037593 | 886534   | 0.234m | 0.292m  |
| 20)                         | A Methoxychlor  | 6.722 | 7.515  | 953914  | 297694   | 0.149m | 0.180m  |
| 21)                         | B Endrin ke...  | 6.944 | 7.656  | 2600981 | 2172850  | 0.190m | 0.683 # |
| 22)                         | Mirex           | 7.122 | 8.105  | 2551551 | 317738   | 0.242  | 0.122m# |
| -----                       |                 |       |        |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053119\  
Data File : PL049157.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 May 2019 19:01  
Operator : SM\AJ  
Sample : K3124-09  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

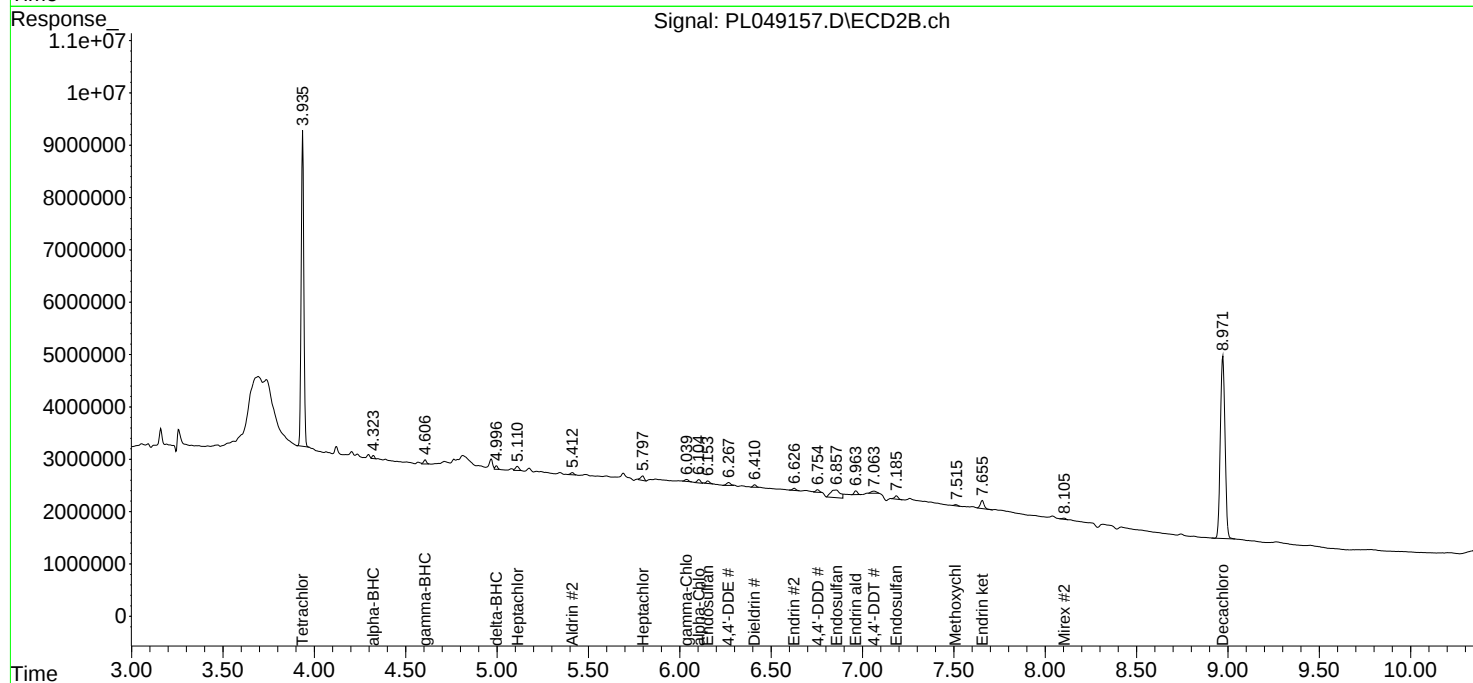
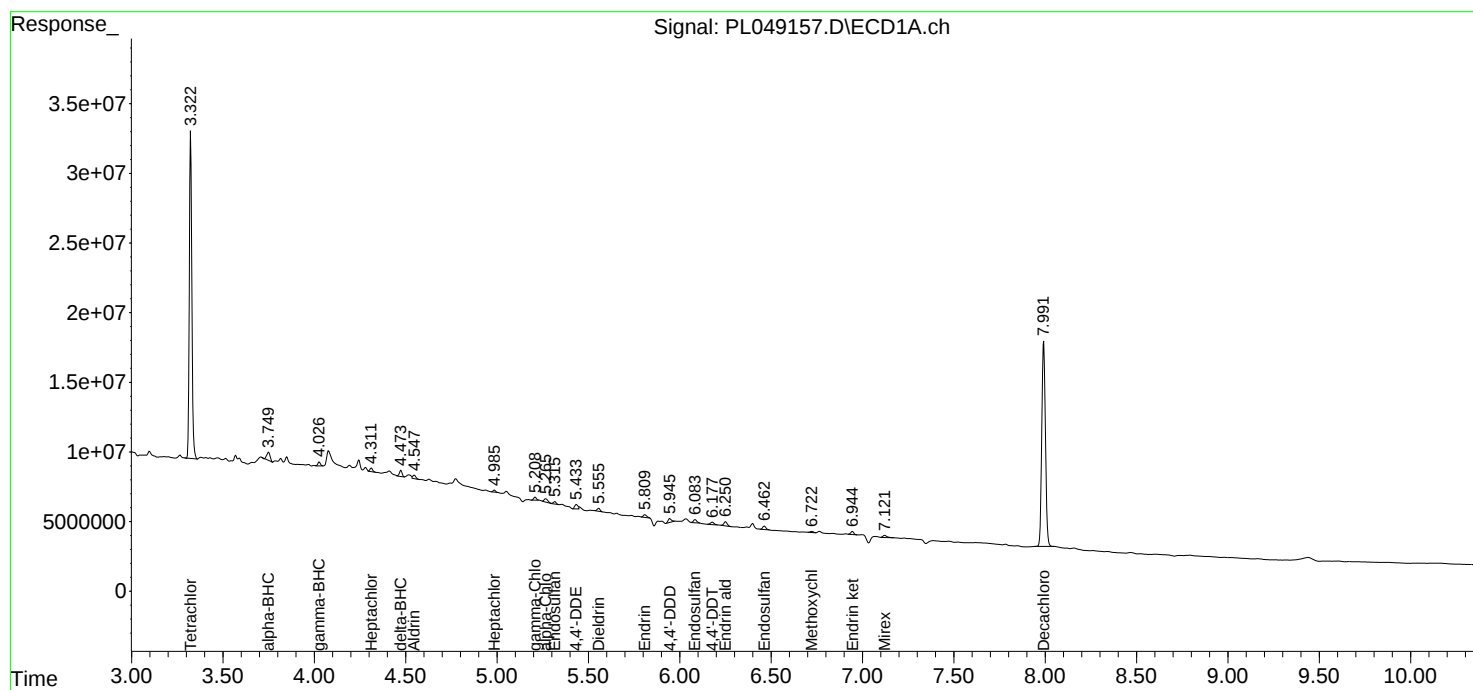
Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

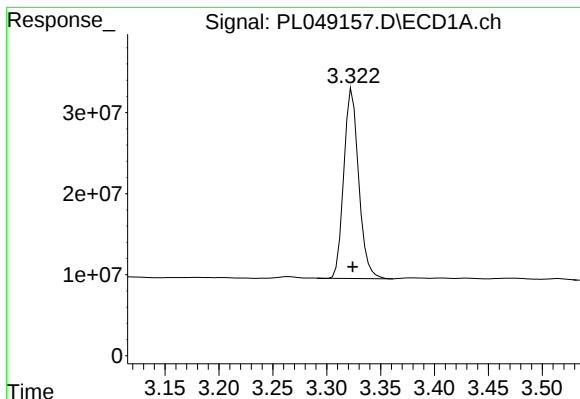
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 31 23:16:18 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
Quant Title : GC Extractables  
QLast Update : Fri May 31 01:35:35 2019  
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





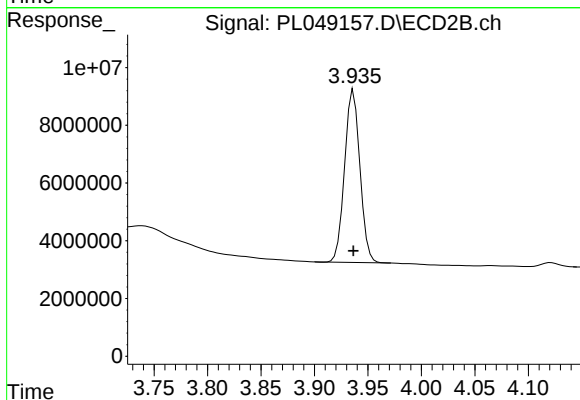
#1 Tetrachloro-m-xylene

R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 225136400  
Conc: 20.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

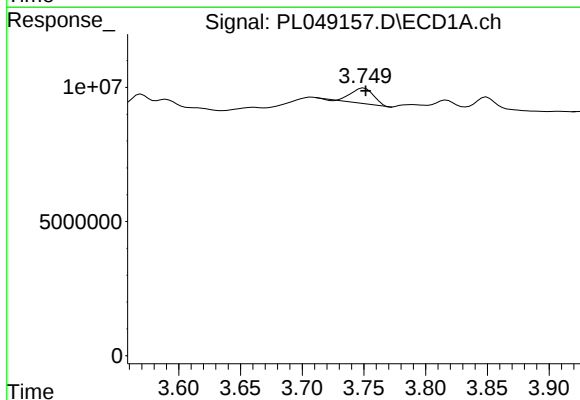
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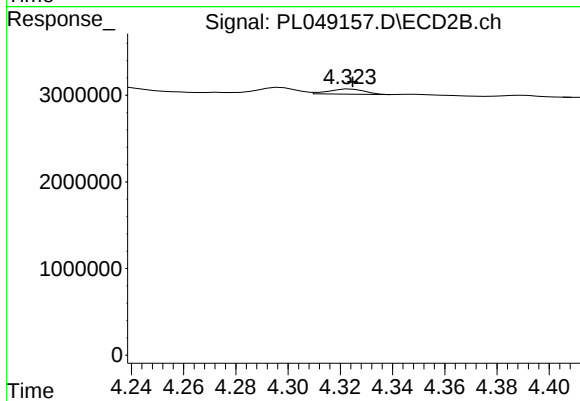
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 59672300  
Conc: 20.65 ng/ml



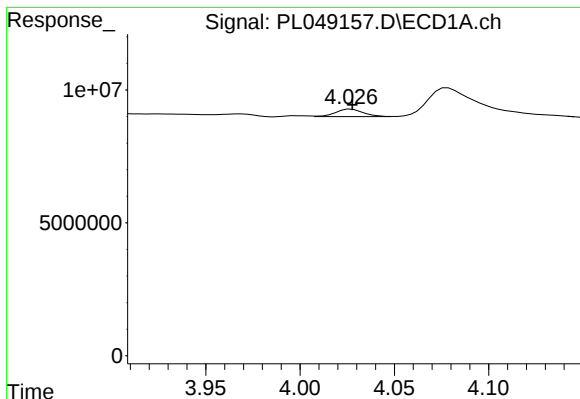
#2 alpha-BHC

R.T.: 3.750 min  
Delta R.T.: -0.001 min  
Response: 7386890  
Conc: 0.41 ng/ml



#2 alpha-BHC

R.T.: 4.323 min  
Delta R.T.: -0.002 min  
Response: 564877  
Conc: 0.14 ng/ml m



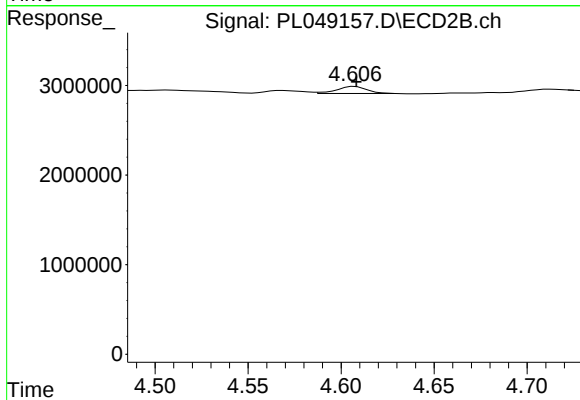
#3 gamma-BHC (Lindane)

R.T.: 4.026 min  
Delta R.T.: -0.002 min  
Response: 2899570  
Conc: 0.17 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
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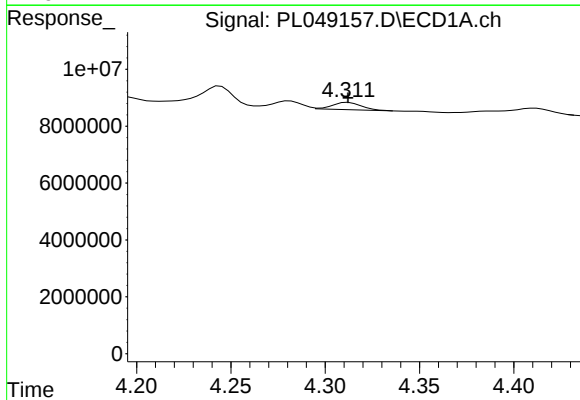
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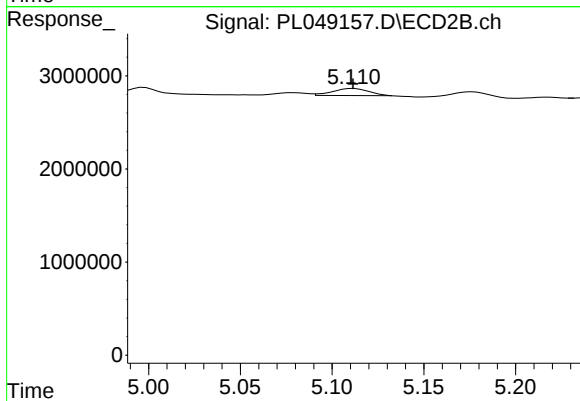
#3 gamma-BHC (Lindane)

R.T.: 4.606 min  
Delta R.T.: -0.002 min  
Response: 874193  
Conc: 0.23 ng/ml m



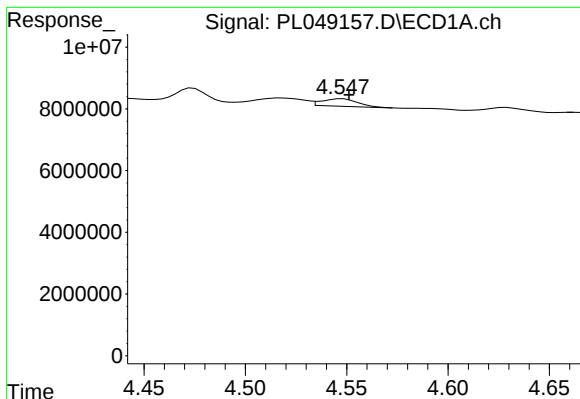
#4 Heptachlor

R.T.: 4.311 min  
Delta R.T.: -0.001 min  
Response: 2663624  
Conc: 0.15 ng/ml m



#4 Heptachlor

R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 1026996  
Conc: 0.26 ng/ml m



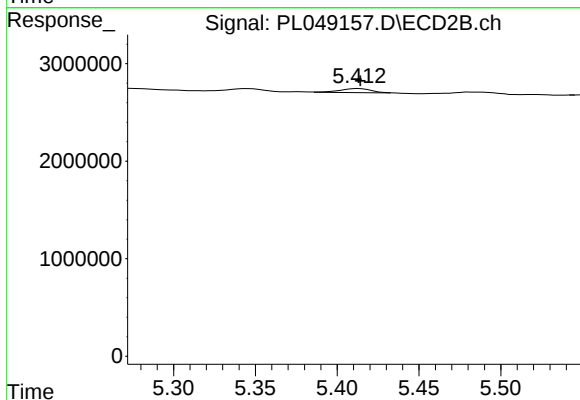
#5 Aldrin

R.T.: 4.547 min  
Delta R.T.: -0.004 min  
Response: 2892301  
Conc: 0.17 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

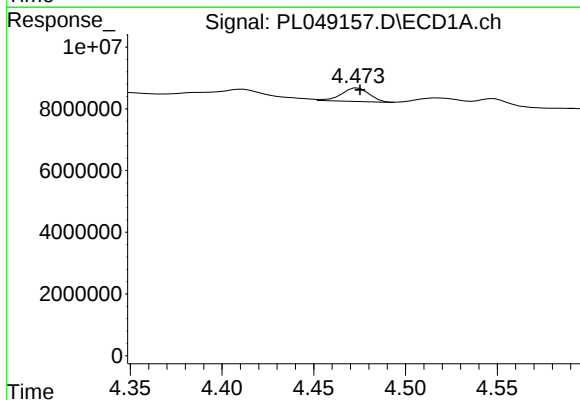
Manual Integrations  
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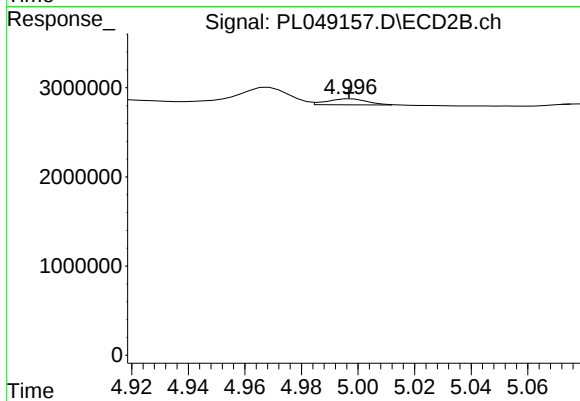
#5 Aldrin

R.T.: 5.412 min  
Delta R.T.: -0.002 min  
Response: 545195  
Conc: 0.15 ng/ml m



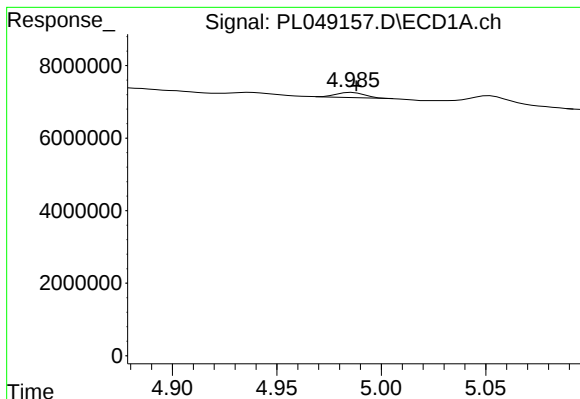
#7 delta-BHC

R.T.: 4.473 min  
Delta R.T.: -0.003 min  
Response: 4615824  
Conc: 0.29 ng/ml m



#7 delta-BHC

R.T.: 4.996 min  
Delta R.T.: 0.000 min  
Response: 639150  
Conc: 0.21 ng/ml m



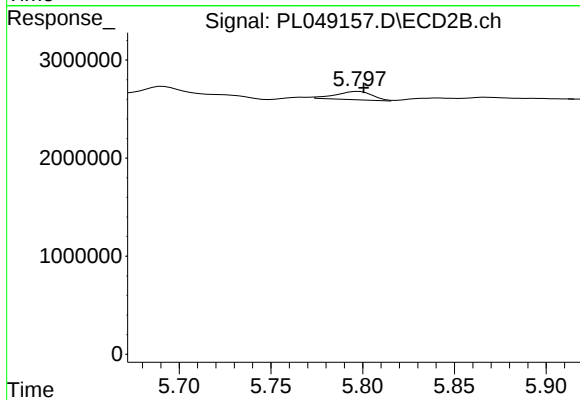
#8 Heptachlor epoxide

R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 1340740  
Conc: 0.09 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

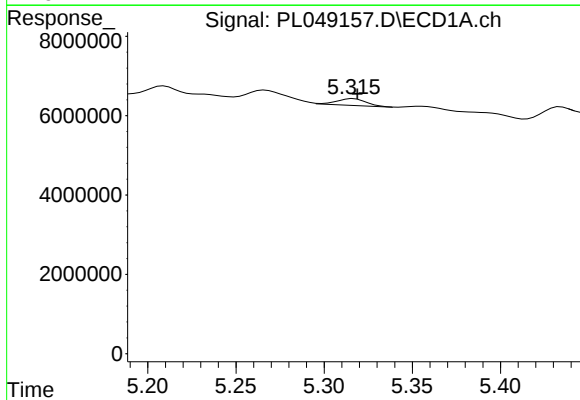
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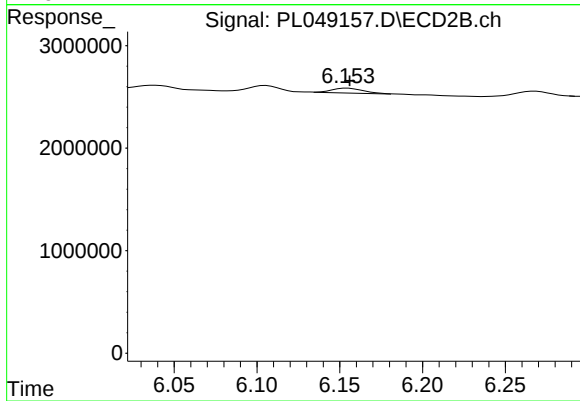
#8 Heptachlor epoxide

R.T.: 5.797 min  
Delta R.T.: -0.004 min  
Response: 1182564  
Conc: 0.36 ng/ml m



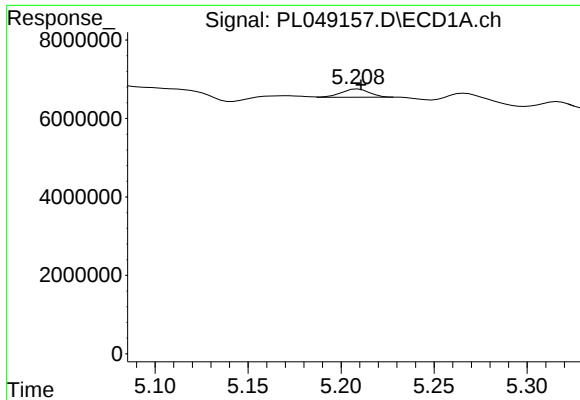
#9 Endosulfan I

R.T.: 5.315 min  
Delta R.T.: -0.004 min  
Response: 1986194  
Conc: 0.14 ng/ml m



#9 Endosulfan I

R.T.: 6.153 min  
Delta R.T.: -0.003 min  
Response: 640950  
Conc: 0.20 ng/ml m



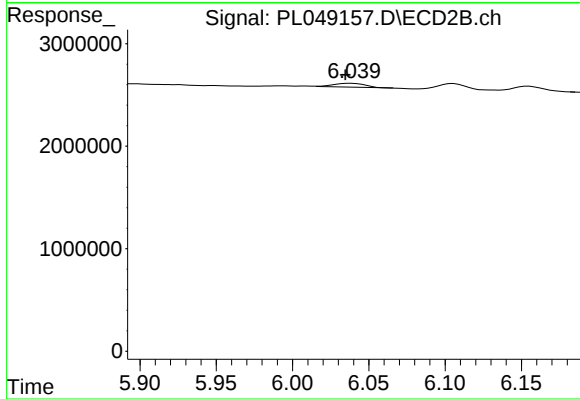
#10 gamma-Chlordane

R.T.: 5.208 min  
Delta R.T.: -0.003 min  
Response: 2220146  
Conc: 0.14 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

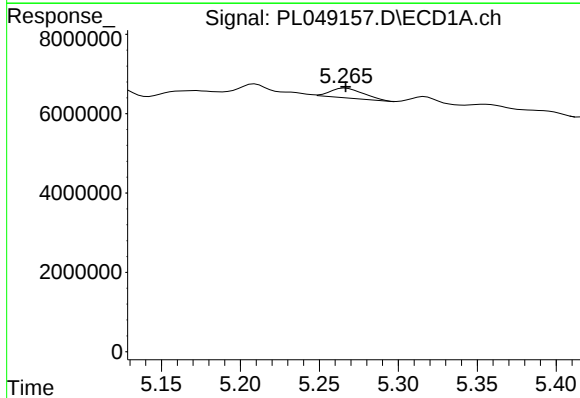
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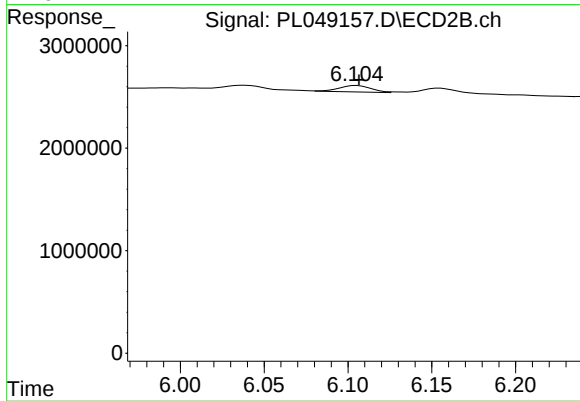
#10 gamma-Chlordane

R.T.: 6.039 min  
Delta R.T.: 0.004 min  
Response: 525864  
Conc: 0.15 ng/ml m



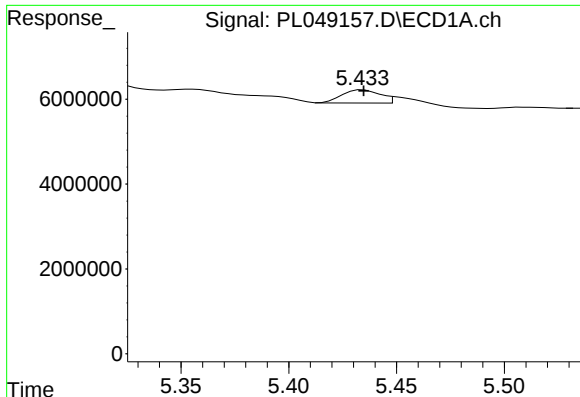
#11 alpha-Chlordane

R.T.: 5.265 min  
Delta R.T.: -0.002 min  
Response: 3487286  
Conc: 0.22 ng/ml m



#11 alpha-Chlordane

R.T.: 6.104 min  
Delta R.T.: -0.003 min  
Response: 859185  
Conc: 0.25 ng/ml m



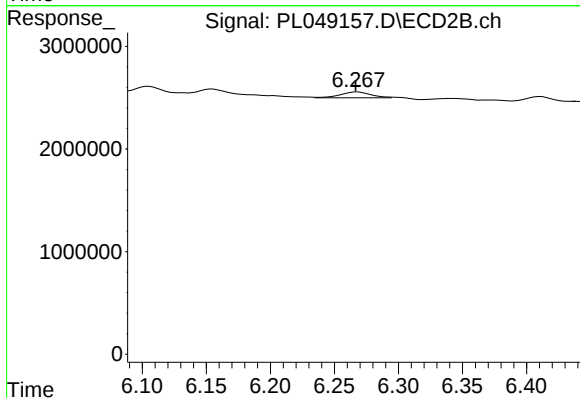
#12 4,4'-DDE

R.T.: 5.433 min  
Delta R.T.: -0.002 min  
Response: 3733702  
Conc: 0.24 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

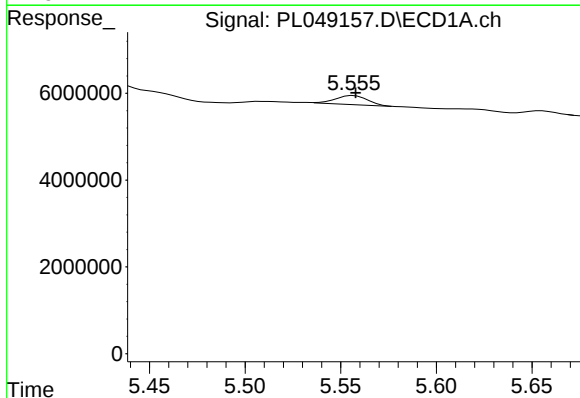
Manual Integrations  
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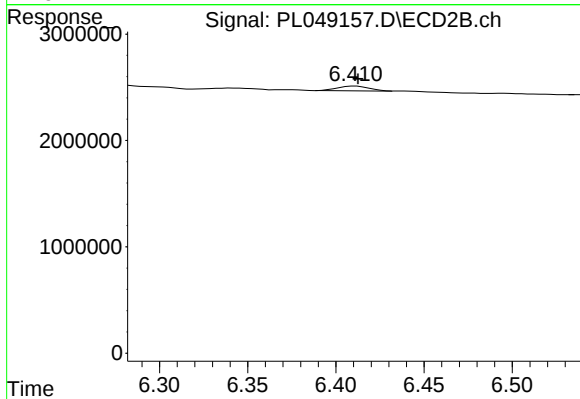
#12 4,4'-DDE

R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 910853  
Conc: 0.28 ng/ml m



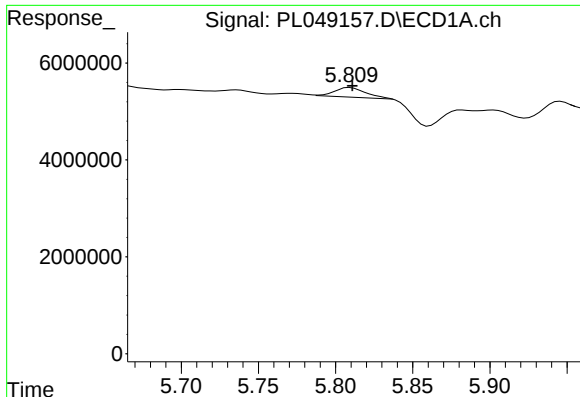
#13 Dieldrin

R.T.: 5.555 min  
Delta R.T.: -0.003 min  
Response: 2449497  
Conc: 0.16 ng/ml m



#13 Dieldrin

R.T.: 6.410 min  
Delta R.T.: -0.003 min  
Response: 565547  
Conc: 0.17 ng/ml m



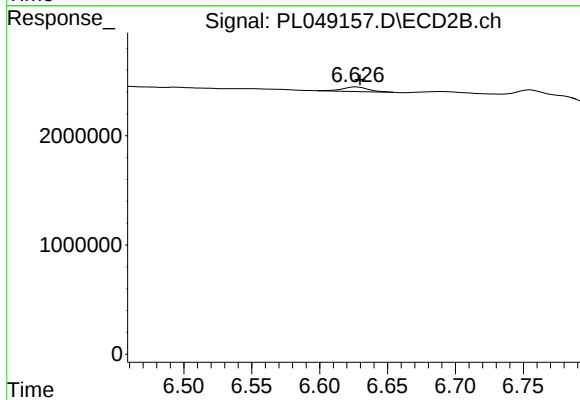
#14 Endrin

R.T.: 5.809 min  
Delta R.T.: -0.002 min  
Response: 2790786  
Conc: 0.19 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

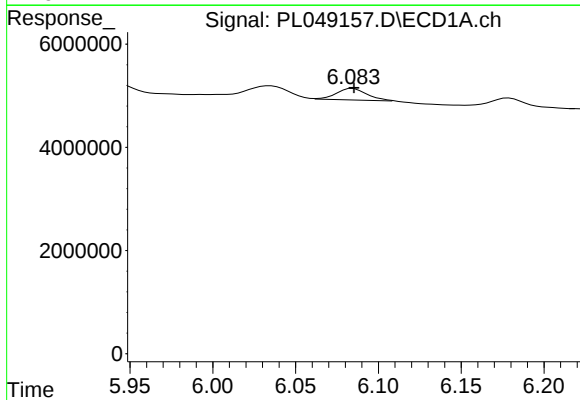
Manual Integrations  
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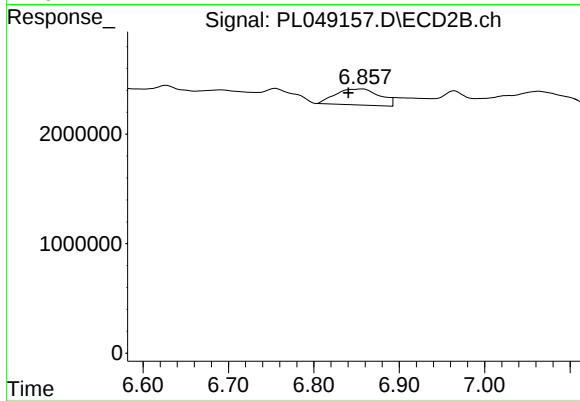
#14 Endrin

R.T.: 6.626 min  
Delta R.T.: -0.004 min  
Response: 591146  
Conc: 0.20 ng/ml m



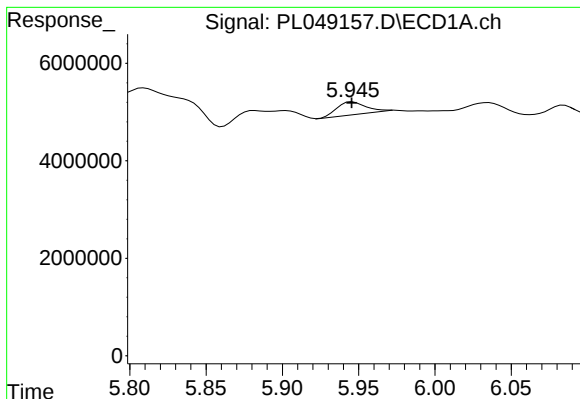
#15 Endosulfan II

R.T.: 6.083 min  
Delta R.T.: -0.002 min  
Response: 2868171  
Conc: 0.22 ng/ml m



#15 Endosulfan II

R.T.: 6.858 min  
Delta R.T.: 0.017 min  
Response: 5221611  
Conc: 1.72 ng/ml



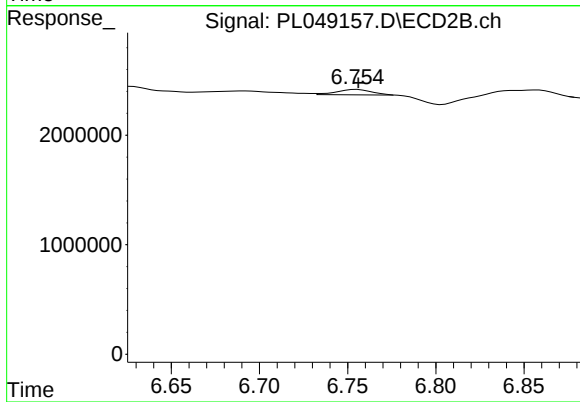
#16 4,4'-DDD

R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 3636809  
Conc: 0.31 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

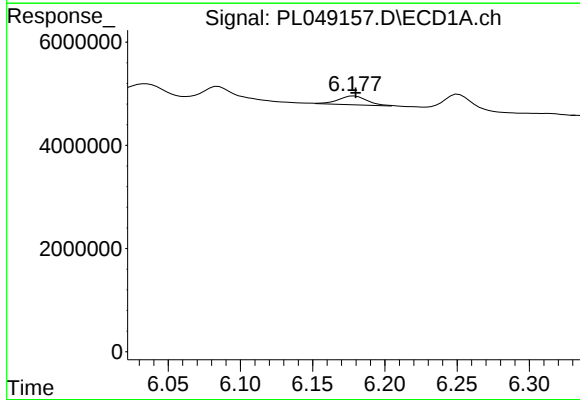
Manual Integrations  
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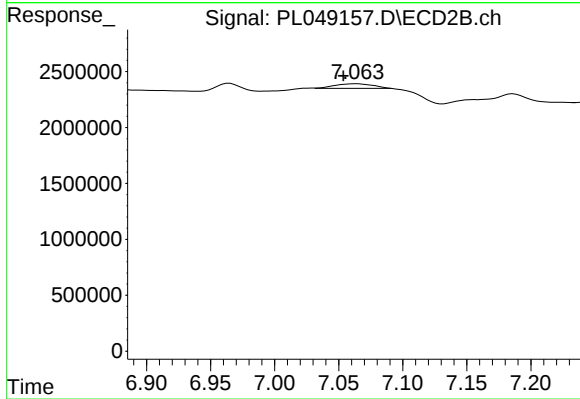
#16 4,4'-DDD

R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 672646  
Conc: 0.26 ng/ml m



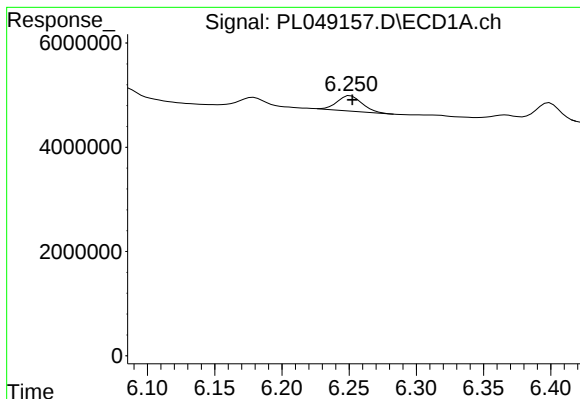
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 2291941  
Conc: 0.19 ng/ml m



#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: 0.009 min  
Response: 832611  
Conc: 0.30 ng/ml m



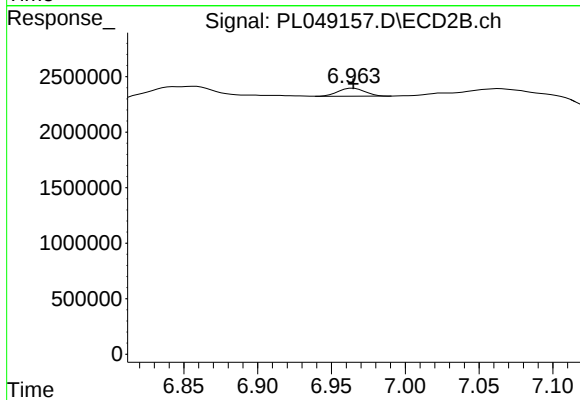
#18 Endrin aldehyde

R.T.: 6.250 min  
Delta R.T.: -0.003 min  
Response: 3763940  
Conc: 0.34 ng/ml m

Instrument :  
ECD\_L  
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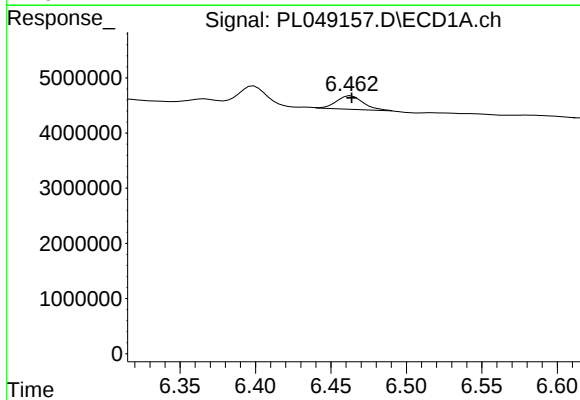
Manual Integrations  
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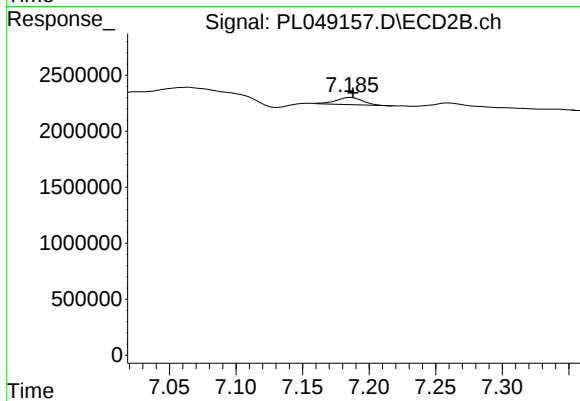
#18 Endrin aldehyde

R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 900158  
Conc: 0.35 ng/ml m



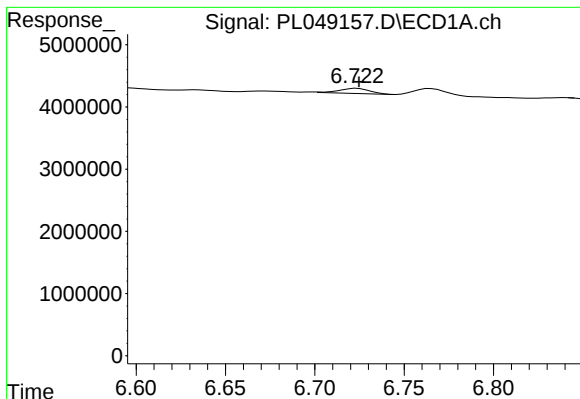
#19 Endosulfan Sulfate

R.T.: 6.462 min  
Delta R.T.: -0.002 min  
Response: 3037593  
Conc: 0.23 ng/ml m



#19 Endosulfan Sulfate

R.T.: 7.185 min  
Delta R.T.: -0.003 min  
Response: 886534  
Conc: 0.29 ng/ml m



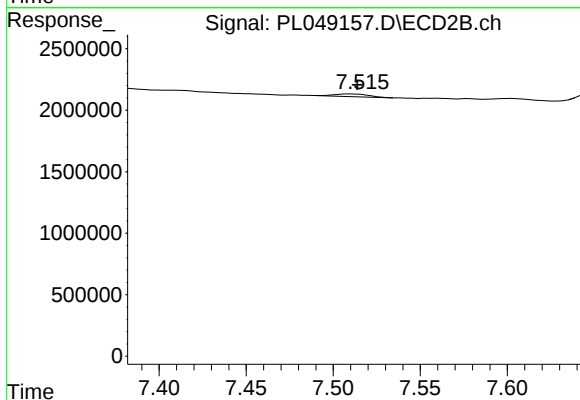
#20 Methoxychlor

R.T.: 6.722 min  
Delta R.T.: -0.003 min  
Response: 953914  
Conc: 0.15 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

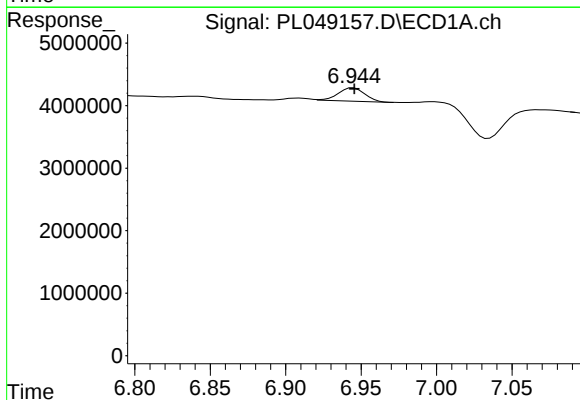
Manual Integrations  
APPROVED

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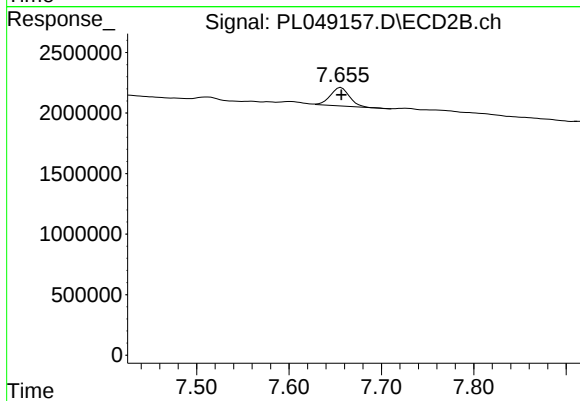
#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: 0.001 min  
Response: 297694  
Conc: 0.18 ng/ml m



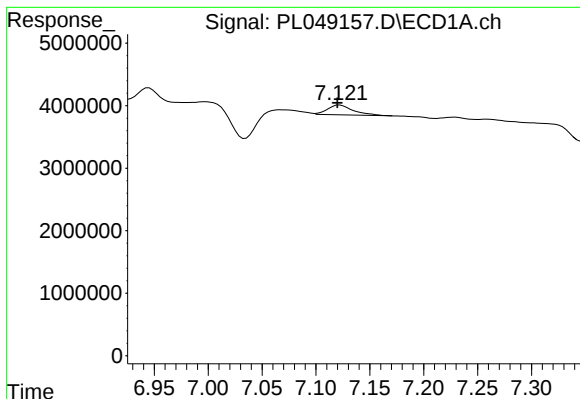
#21 Endrin ketone

R.T.: 6.944 min  
Delta R.T.: -0.002 min  
Response: 2600981  
Conc: 0.19 ng/ml m



#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: 0.000 min  
Response: 2172850  
Conc: 0.68 ng/ml



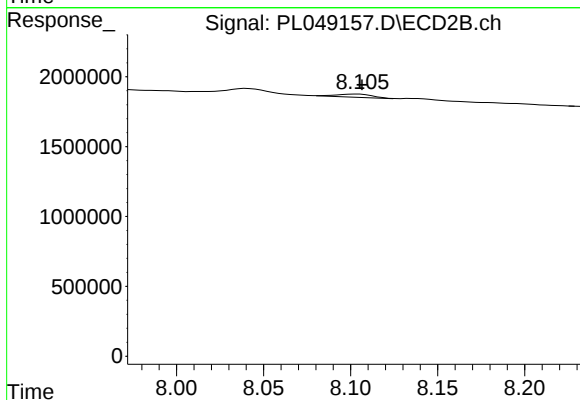
#22 Mirex

R.T.: 7.122 min  
Delta R.T.: 0.002 min  
Response: 2551551  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-25-D

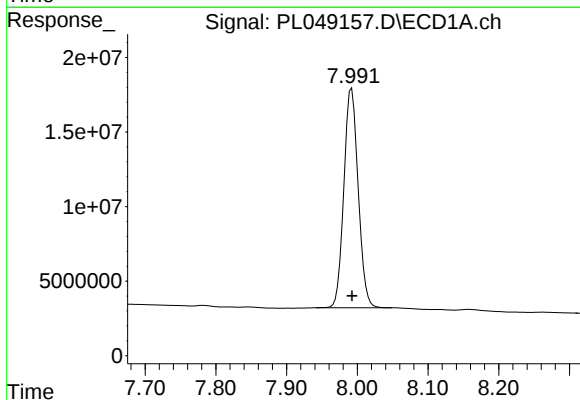
Manual Integrations  
APPROVED

Ankita  
6/3/2019 2:17:24 PM



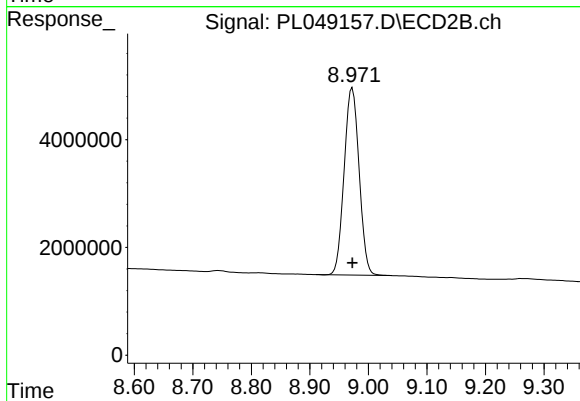
#22 Mirex

R.T.: 8.105 min  
Delta R.T.: -0.001 min  
Response: 317738  
Conc: 0.12 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: 0.000 min  
Response: 207015309  
Conc: 16.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: 0.000 min  
Response: 61815364  
Conc: 18.51 ng/ml