

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030819\  
 Data File : PL045658.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2019 01:15  
 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: Mar 09 03:34:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 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... | 3.363 | 3.982 | 331.1E6 | 102.8E6  | 48.135  | 47.999 |
| 28)                         | SA Decachlor... | 8.046 | 9.038 | 384.3E6 | 110.1E6  | 45.929  | 48.201 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.793 | 4.372 | 542.9E6 | 149.9E6  | 48.879  | 49.315 |
| 3)                          | MA gamma-BHC... | 4.070 | 4.656 | 498.1E6 | 138.4E6  | 49.285  | 48.997 |
| 4)                          | MA Heptachlor   | 4.358 | 5.163 | 511.3E6 | 141.9E6  | 48.458  | 47.695 |
| 5)                          | MB Aldrin       | 4.599 | 5.468 | 483.1E6 | 131.3E6  | 49.667  | 48.626 |
| 6)                          | B beta-BHC      | 4.323 | 4.828 | 203.7E6 | 62304942 | 47.536  | 49.061 |
| 7)                          | B delta-BHC     | 4.519 | 5.044 | 477.6E6 | 117.3E6  | 49.968  | 54.552 |
| 8)                          | B Heptachlo...  | 5.036 | 5.854 | 452.7E6 | 123.8E6  | 48.503  | 51.556 |
| 9)                          | A Endosulfan I  | 5.368 | 6.210 | 430.6E6 | 118.0E6  | 48.173  | 47.377 |
| 10)                         | B gamma-Chl...  | 5.259 | 6.088 | 471.3E6 | 127.9E6  | 48.160  | 47.678 |
| 11)                         | B alpha-Chl...  | 5.316 | 6.160 | 463.1E6 | 126.8E6  | 47.762  | 46.993 |
| 12)                         | B 4,4'-DDE      | 5.483 | 6.317 | 409.2E6 | 111.4E6  | 46.613  | 47.709 |
| 13)                         | MA Dieldrin     | 5.608 | 6.466 | 468.1E6 | 122.5E6  | 48.971  | 47.686 |
| 14)                         | MA Endrin       | 5.861 | 6.684 | 402.1E6 | 99099943 | 44.651  | 43.555 |
| 15)                         | B Endosulfa...  | 6.136 | 6.894 | 412.9E6 | 109.8E6  | 47.632  | 46.708 |
| 16)                         | A 4,4'-DDD      | 5.994 | 6.808 | 364.6E6 | 95200009 | 49.795  | 49.504 |
| 17)                         | MA 4,4'-DDT     | 6.230 | 7.106 | 331.2E6 | 88622579 | 44.153  | 44.908 |
| 18)                         | B Endrin al...  | 6.302 | 7.018 | 348.1E6 | 95779994 | 47.624  | 46.854 |
| 19)                         | B Endosulfa...  | 6.514 | 7.240 | 380.0E6 | 104.7E6  | 46.756  | 46.543 |
| 20)                         | A Methoxychlor  | 6.774 | 7.564 | 186.4E6 | 52356783 | 42.448  | 42.656 |
| 21)                         | B Endrin ke...  | 6.996 | 7.710 | 472.0E6 | 116.8E6  | 51.230m | 49.123 |
| 22)                         | Mirex           | 7.174 | 8.162 | 334.8E6 | 92615388 | 45.002  | 46.501 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030819\  
Data File : PL045658.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Mar 2019 01:15  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

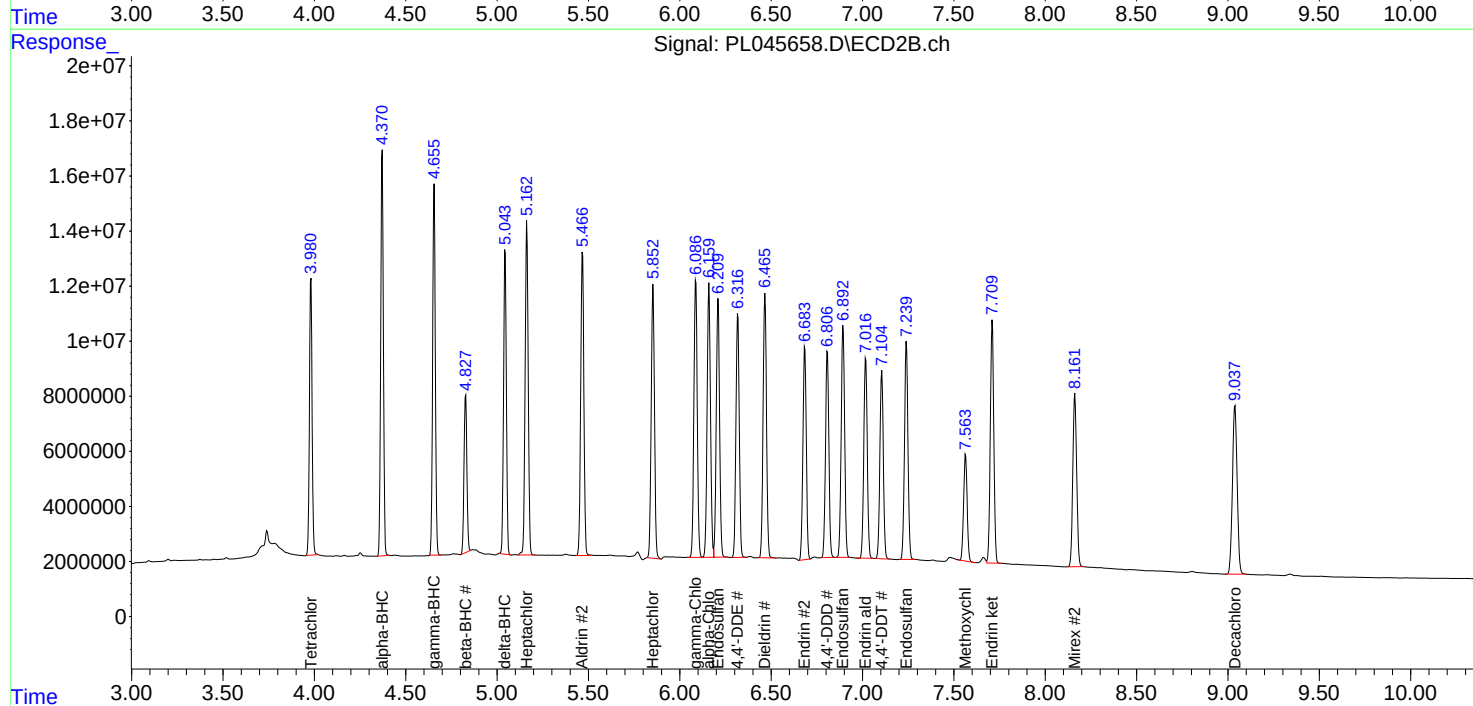
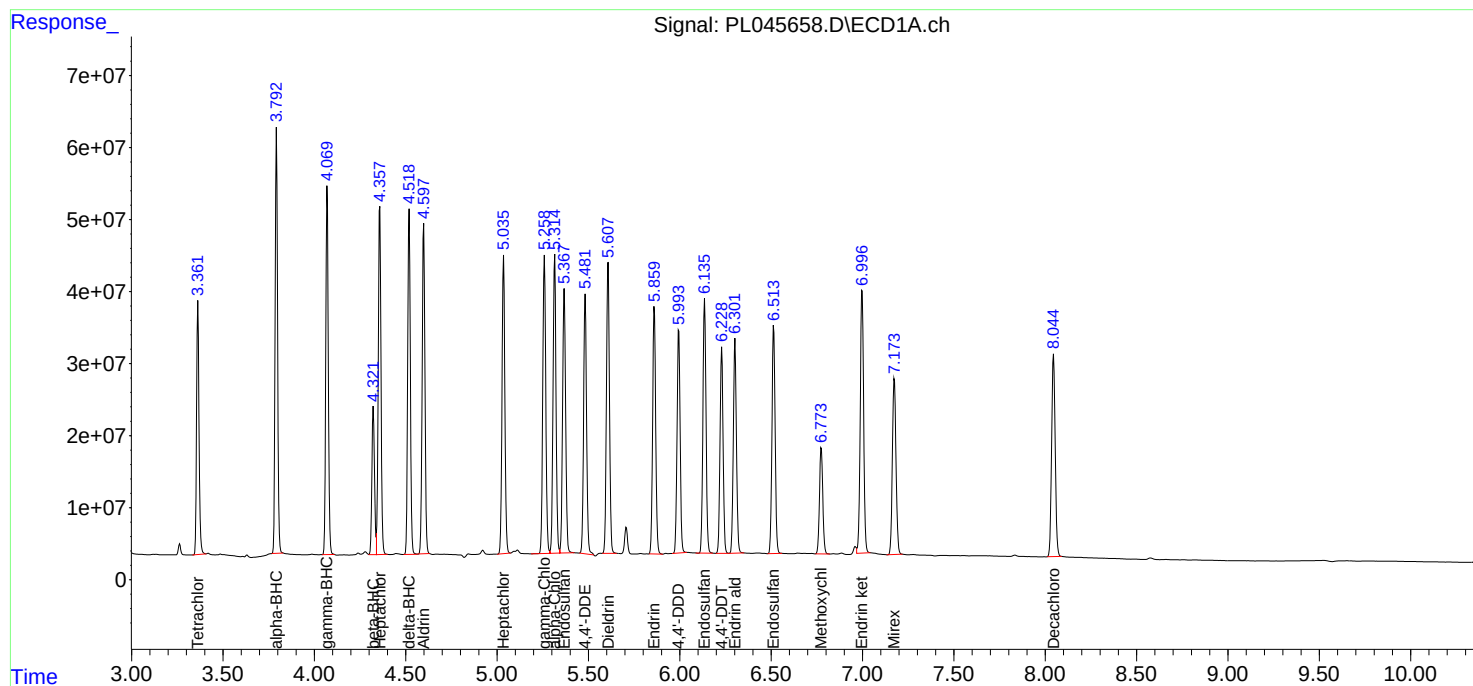
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

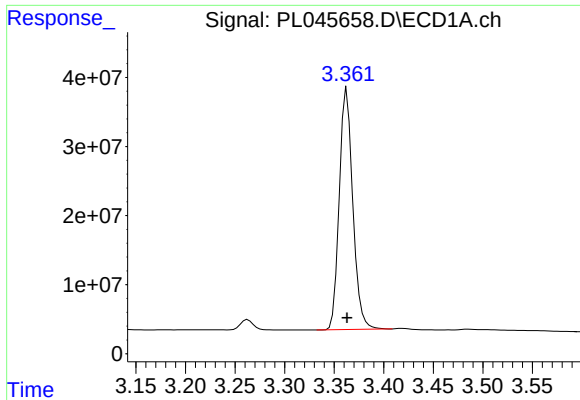
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 09 03:34:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 2019  
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





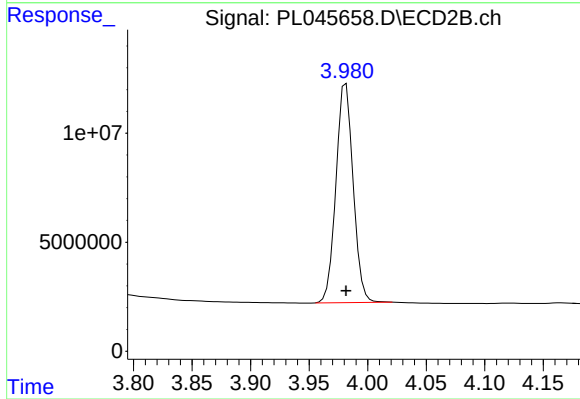
#1 Tetrachloro-m-xylene

R.T.: 3.363 min  
Delta R.T.: 0.000 min  
Response: 331136994  
Conc: 48.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

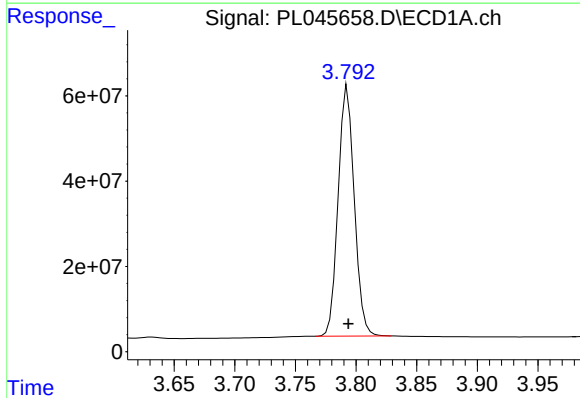
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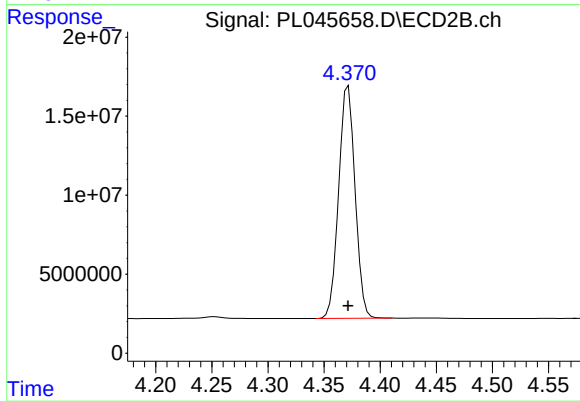
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 102790634  
Conc: 48.00 ng/ml



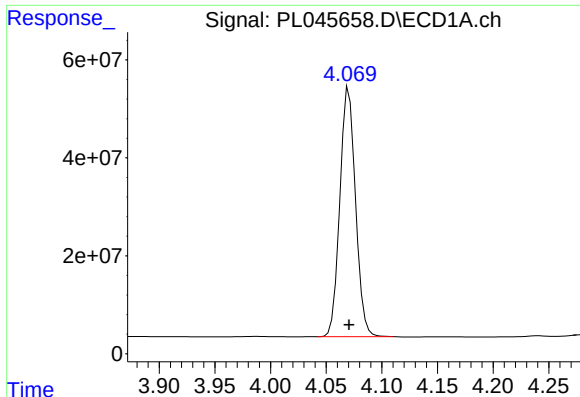
#2 alpha-BHC

R.T.: 3.793 min  
Delta R.T.: 0.000 min  
Response: 542910601  
Conc: 48.88 ng/ml



#2 alpha-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 149851529  
Conc: 49.31 ng/ml



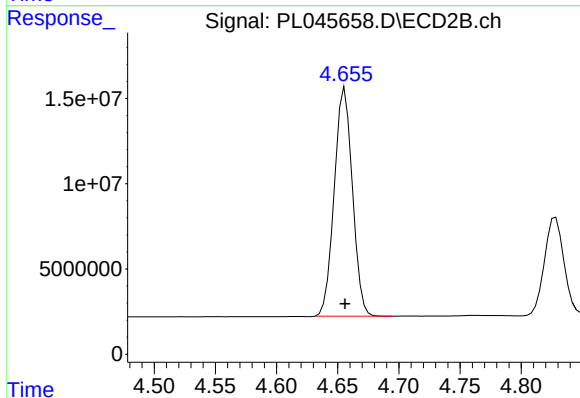
#3 gamma-BHC (Lindane)

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 498133236  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

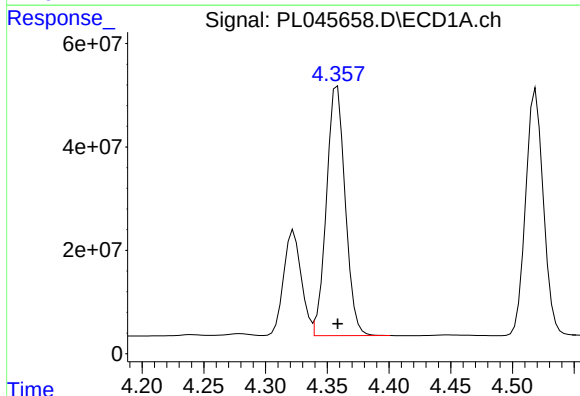
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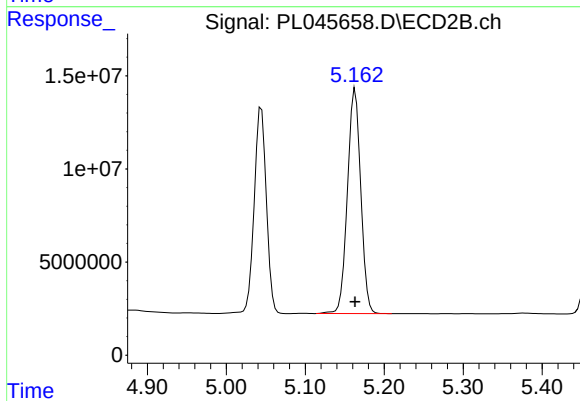
#3 gamma-BHC (Lindane)

R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 138396316  
Conc: 49.00 ng/ml



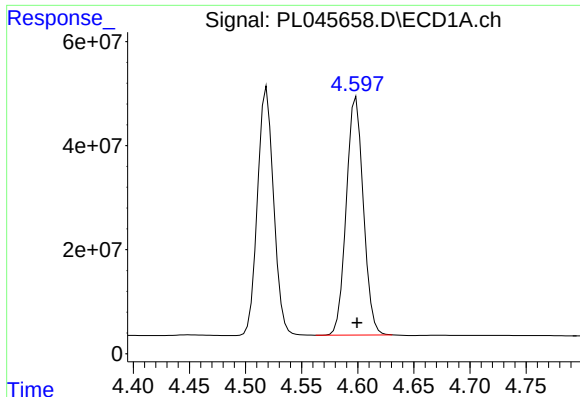
#4 Heptachlor

R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 511337800  
Conc: 48.46 ng/ml



#4 Heptachlor

R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 141891179  
Conc: 47.70 ng/ml



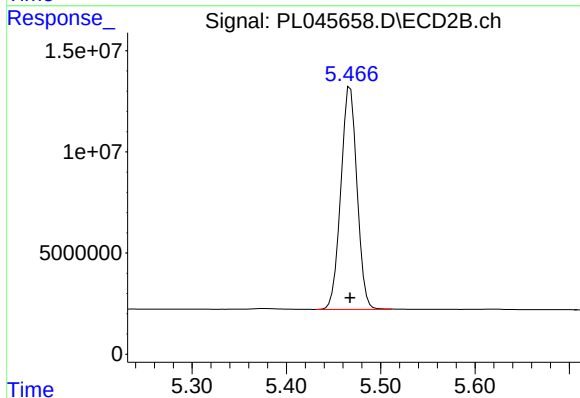
#5 Aldrin

R.T.: 4.599 min  
Delta R.T.: 0.000 min  
Response: 483084271  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

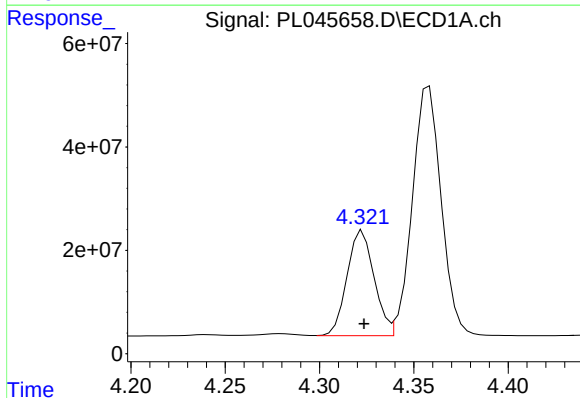
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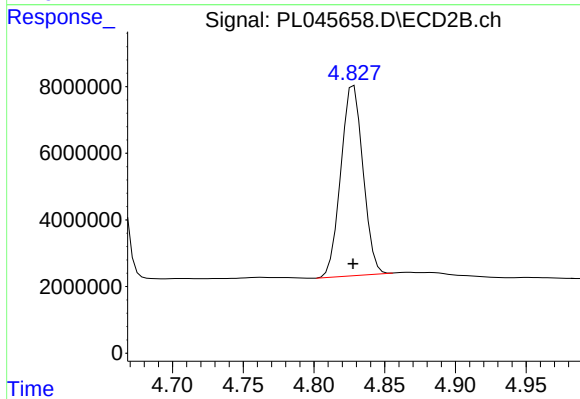
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 131337440  
Conc: 48.63 ng/ml



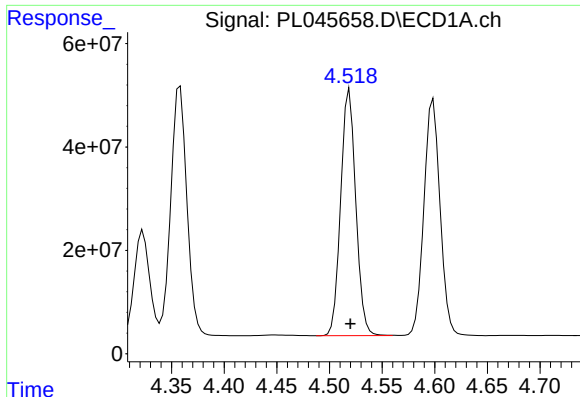
#6 beta-BHC

R.T.: 4.323 min  
Delta R.T.: 0.000 min  
Response: 203741877  
Conc: 47.54 ng/ml



#6 beta-BHC

R.T.: 4.828 min  
Delta R.T.: 0.000 min  
Response: 62304942  
Conc: 49.06 ng/ml



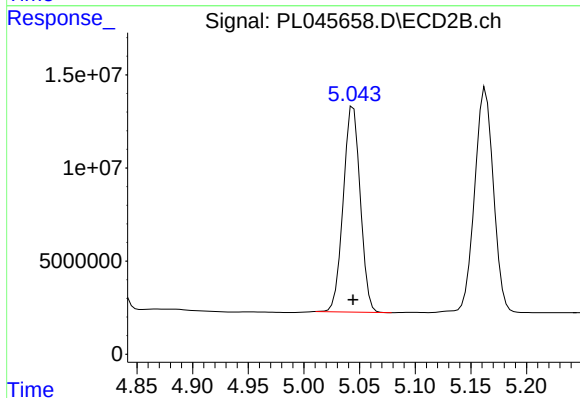
#7 delta-BHC

R.T.: 4.519 min  
Delta R.T.: 0.000 min  
Response: 477591087  
Conc: 49.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

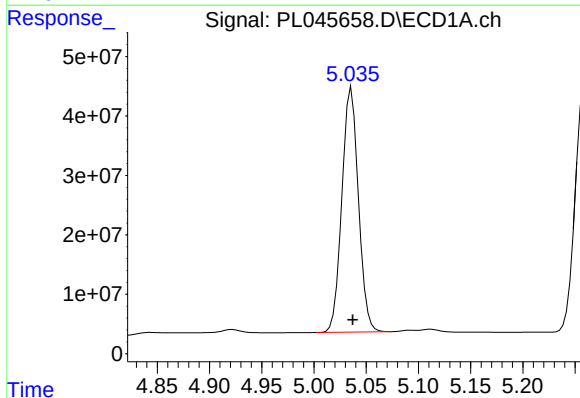
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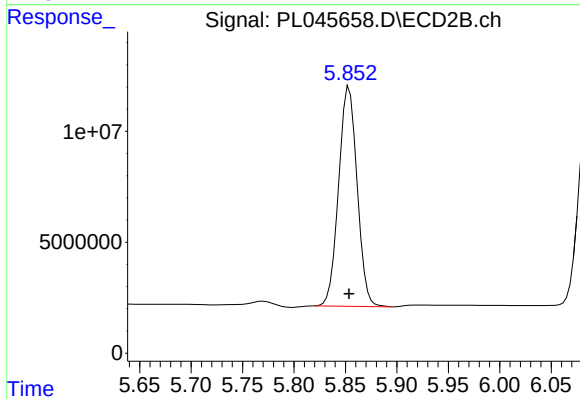
#7 delta-BHC

R.T.: 5.044 min  
Delta R.T.: 0.000 min  
Response: 117334499  
Conc: 54.55 ng/ml



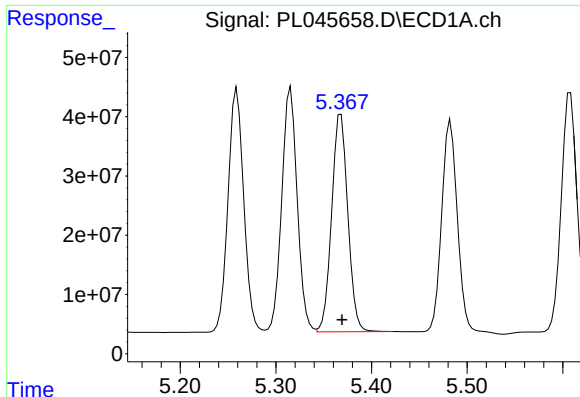
#8 Heptachlor epoxide

R.T.: 5.036 min  
Delta R.T.: -0.001 min  
Response: 452683216  
Conc: 48.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.854 min  
Delta R.T.: 0.000 min  
Response: 123833222  
Conc: 51.56 ng/ml



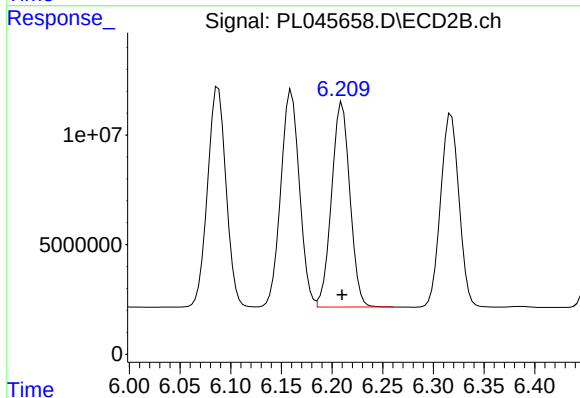
#9 Endosulfan I

R.T.: 5.368 min  
Delta R.T.: -0.001 min  
Response: 430583498  
Conc: 48.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

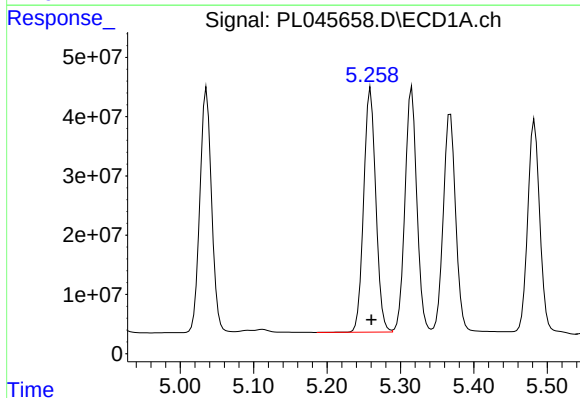
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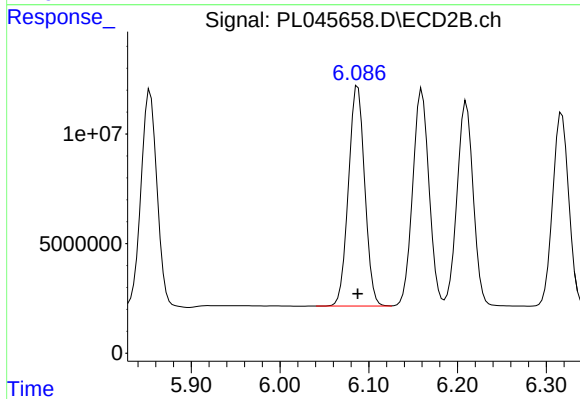
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 117982416  
Conc: 47.38 ng/ml



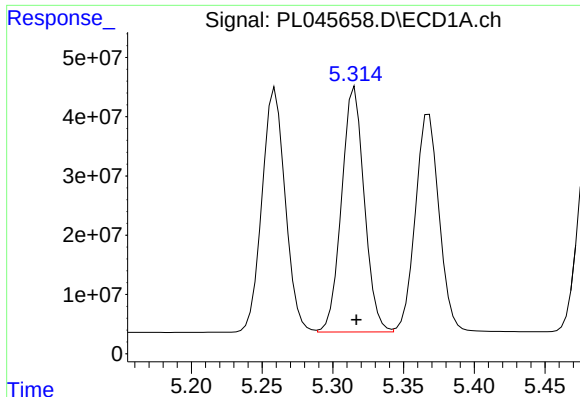
#10 gamma-Chlordane

R.T.: 5.259 min  
Delta R.T.: -0.001 min  
Response: 471337025  
Conc: 48.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 127917099  
Conc: 47.68 ng/ml



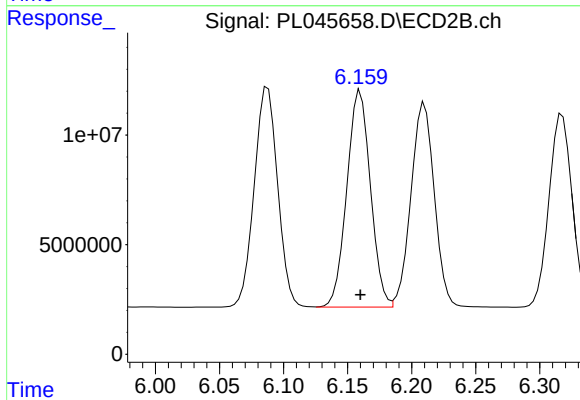
#11 alpha-Chlordane

R.T.: 5.316 min  
Delta R.T.: 0.000 min  
Response: 463147052  
Conc: 47.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

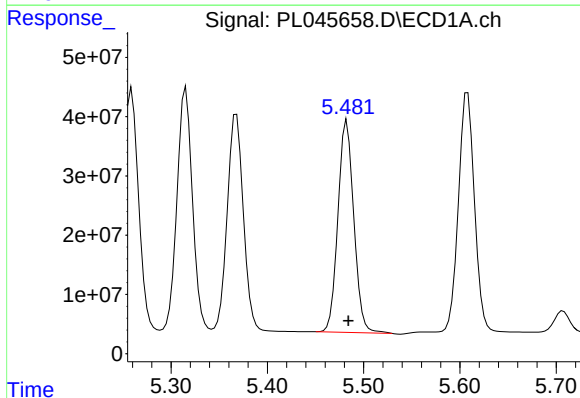
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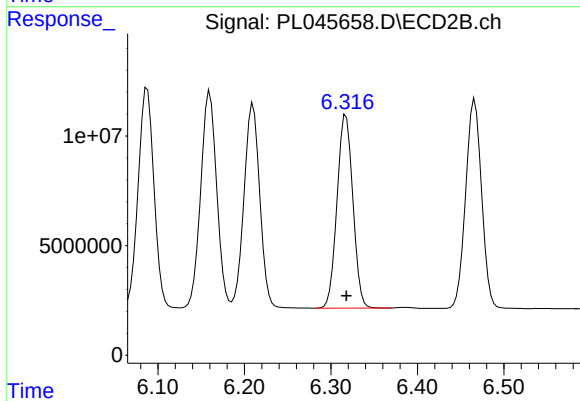
#11 alpha-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 126771420  
Conc: 46.99 ng/ml



#12 4,4'-DDE

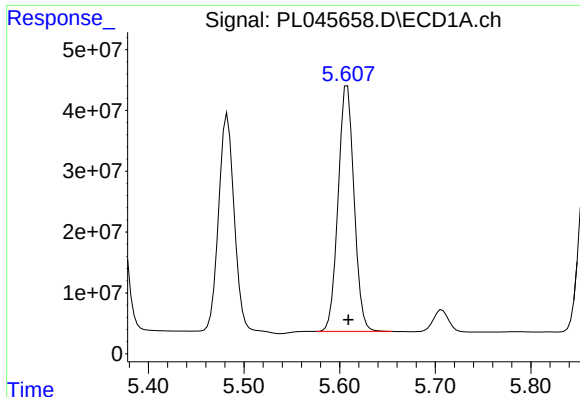
R.T.: 5.483 min  
Delta R.T.: -0.001 min  
Response: 409180697  
Conc: 46.61 ng/ml



#12 4,4'-DDE

R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 111444057  
Conc: 47.71 ng/ml





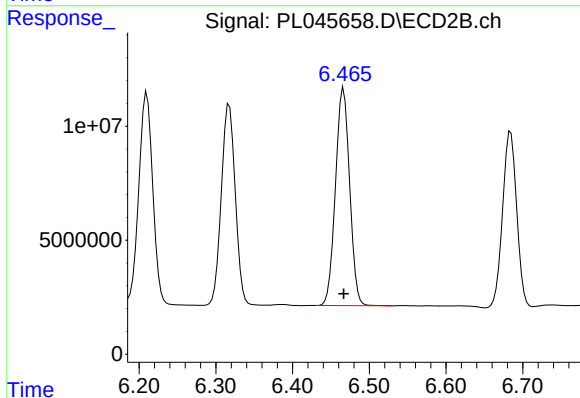
#13 Dieldrin

R.T.: 5.608 min  
Delta R.T.: -0.001 min  
Response: 468063841  
Conc: 48.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

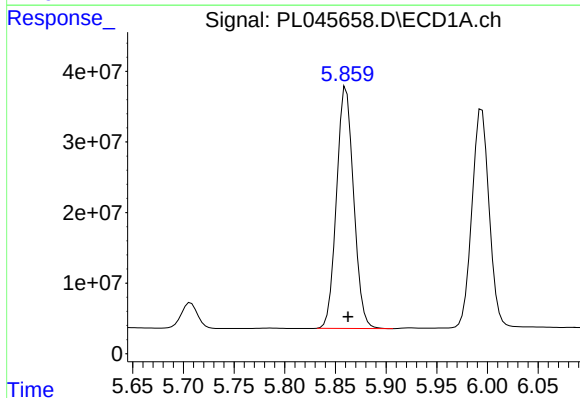
Manual Integrations  
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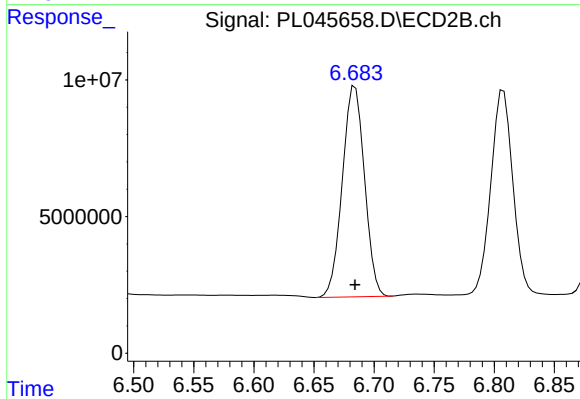
#13 Dieldrin

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 122538978  
Conc: 47.69 ng/ml



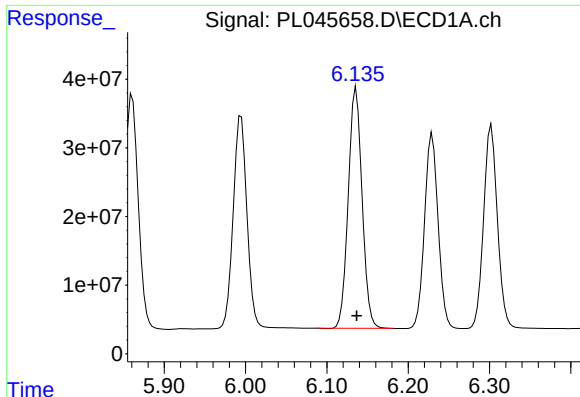
#14 Endrin

R.T.: 5.861 min  
Delta R.T.: -0.002 min  
Response: 402117351  
Conc: 44.65 ng/ml



#14 Endrin

R.T.: 6.684 min  
Delta R.T.: 0.000 min  
Response: 99099943  
Conc: 43.55 ng/ml



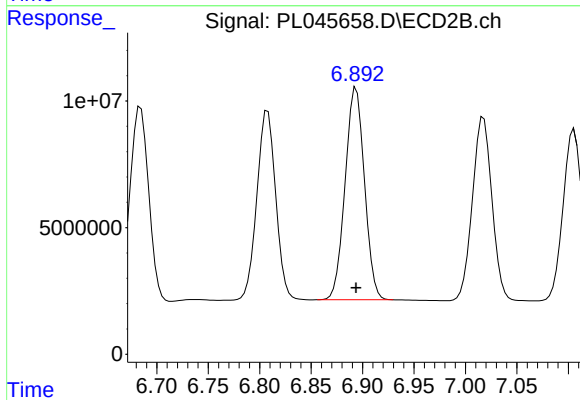
#15 Endosulfan II

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 412906101  
Conc: 47.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

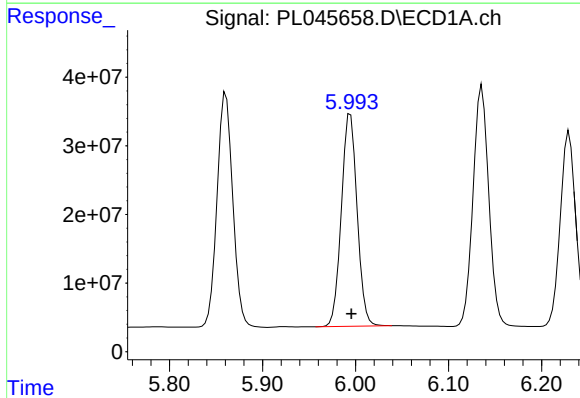
Manual Integrations  
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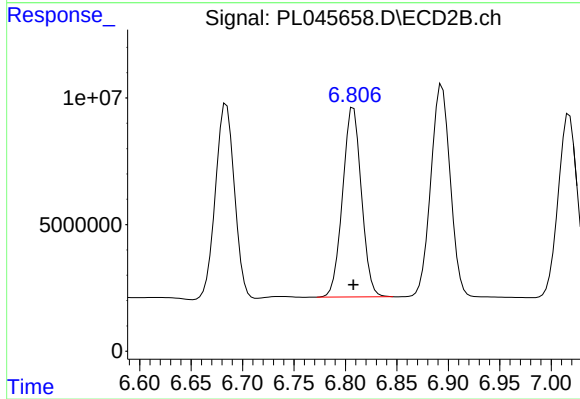
#15 Endosulfan II

R.T.: 6.894 min  
Delta R.T.: 0.000 min  
Response: 109840619  
Conc: 46.71 ng/ml



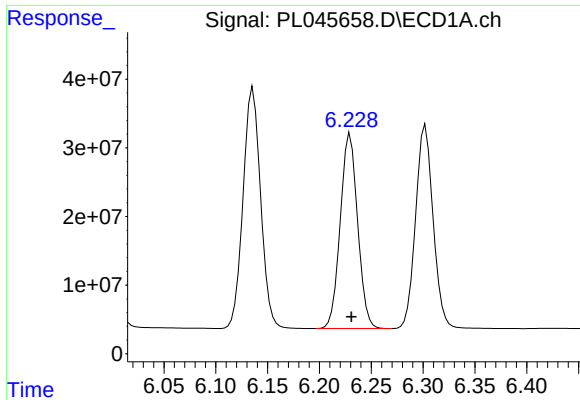
#16 4,4'-DDD

R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 364592880  
Conc: 49.80 ng/ml



#16 4,4'-DDD

R.T.: 6.808 min  
Delta R.T.: 0.000 min  
Response: 95200009  
Conc: 49.50 ng/ml



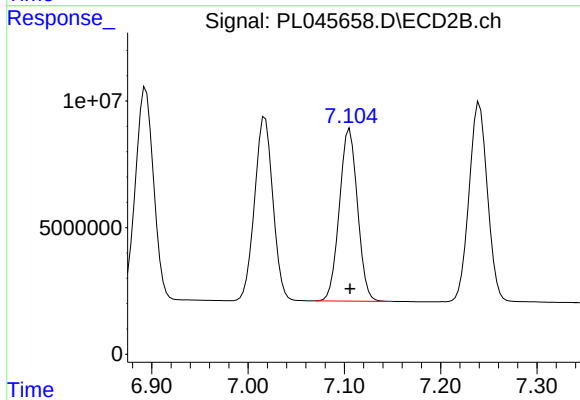
#17 4,4'-DDT

R.T.: 6.230 min  
Delta R.T.: -0.001 min  
Response: 331155768  
Conc: 44.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

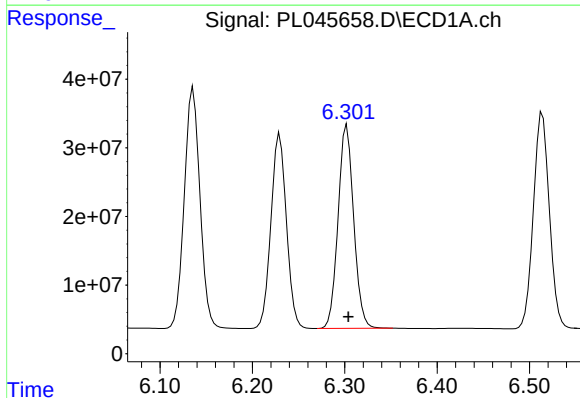
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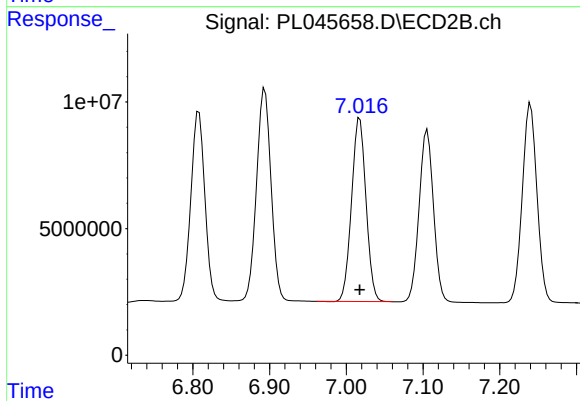
#17 4,4'-DDT

R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 88622579  
Conc: 44.91 ng/ml



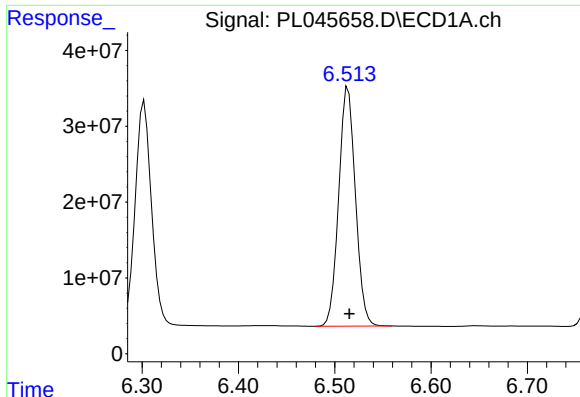
#18 Endrin aldehyde

R.T.: 6.302 min  
Delta R.T.: -0.002 min  
Response: 348115080  
Conc: 47.62 ng/ml



#18 Endrin aldehyde

R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 95779994  
Conc: 46.85 ng/ml



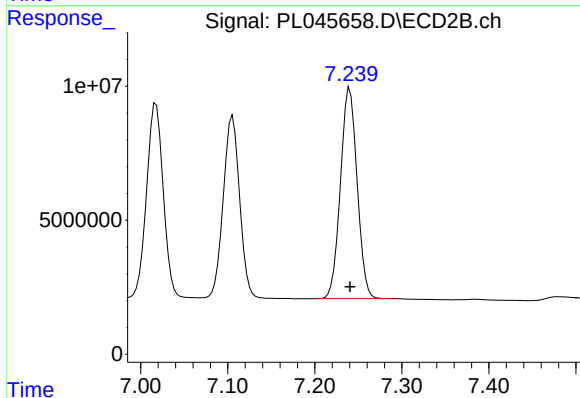
#19 Endosulfan Sulfate

R.T.: 6.514 min  
Delta R.T.: -0.001 min  
Response: 380039910  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

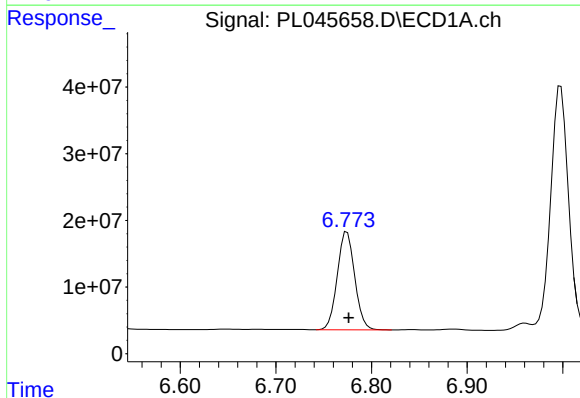
Manual Integrations  
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3/11/2019 10:34:42 AM



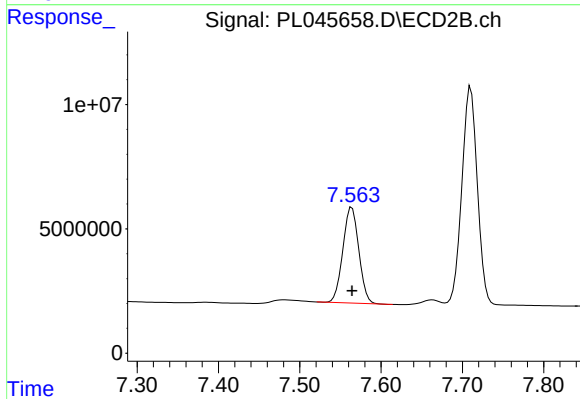
#19 Endosulfan Sulfate

R.T.: 7.240 min  
Delta R.T.: 0.000 min  
Response: 104698962  
Conc: 46.54 ng/ml



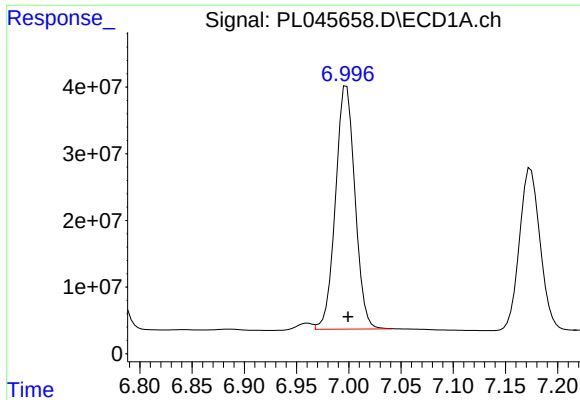
#20 Methoxychlor

R.T.: 6.774 min  
Delta R.T.: -0.002 min  
Response: 186420921  
Conc: 42.45 ng/ml



#20 Methoxychlor

R.T.: 7.564 min  
Delta R.T.: 0.000 min  
Response: 52356783  
Conc: 42.66 ng/ml



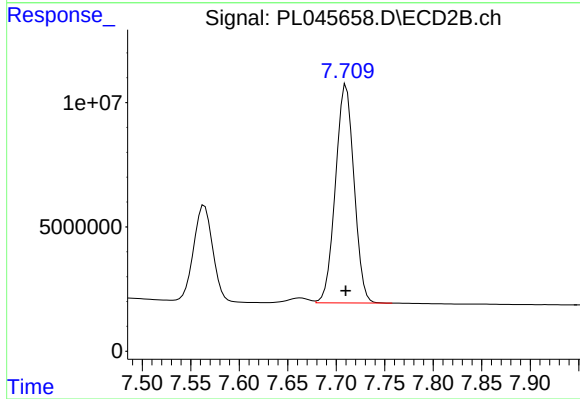
#21 Endrin ketone

R.T.: 6.996 min  
Delta R.T.: -0.003 min  
Response: 471975356  
Conc: 51.23 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

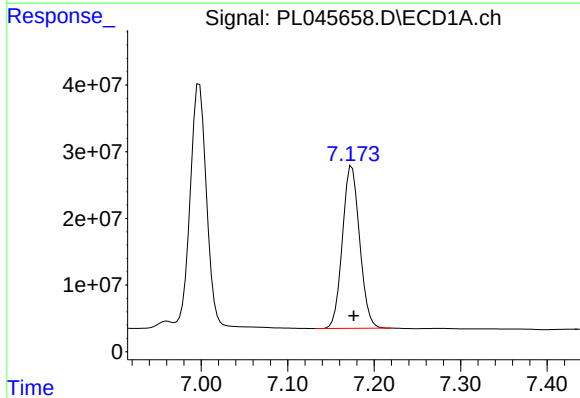
Manual Integrations  
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3/11/2019 10:34:42 AM



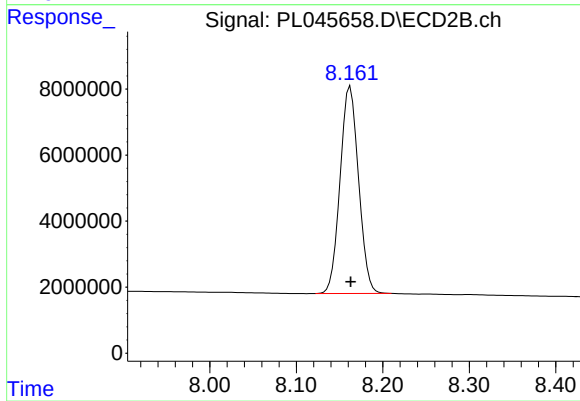
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: 0.000 min  
Response: 116834246  
Conc: 49.12 ng/ml



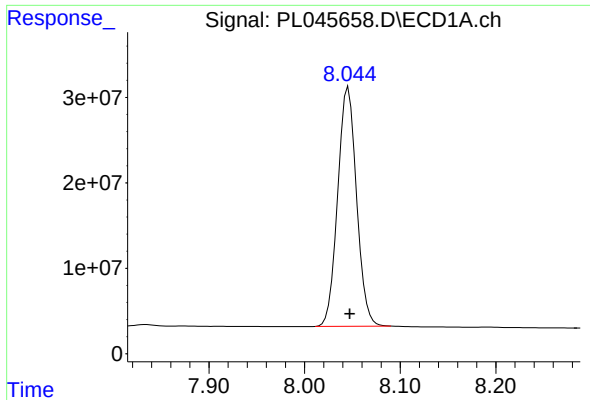
#22 Mirex

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 334821884  
Conc: 45.00 ng/ml



#22 Mirex

R.T.: 8.162 min  
Delta R.T.: 0.000 min  
Response: 92615388  
Conc: 46.50 ng/ml



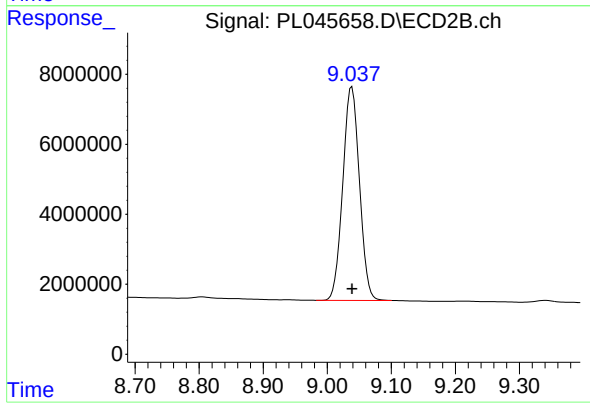
#28 Decachlorobiphenyl

R.T.: 8.046 min  
Delta R.T.: -0.002 min  
Response: 384306377  
Conc: 45.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.038 min  
Delta R.T.: 0.000 min  
Response: 110135328  
Conc: 48.20 ng/ml