

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071218\  
 Data File : PL037924.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jul 2018 15:27  
 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: Jul 13 04:22:04 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|----------|
| -----                       |                 |       |       |         |          |         |          |
| System Monitoring Compounds |                 |       |       |         |          |         |          |
| 1)                          | SA Tetrachlo... | 3.331 | 3.935 | 323.7E6 | 131.3E6  | 40.922  | 47.451   |
| 28)                         | SA Decachlor... | 8.005 | 8.945 | 273.0E6 | 101.0E6  | 45.240m | 50.922   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.759 | 4.314 | 518.9E6 | 193.5E6  | 42.380m | 49.874   |
| 3)                          | MA gamma-BHC... | 4.036 | 4.594 | 463.6E6 | 171.5E6  | 44.944m | 49.657   |
| 4)                          | MA Heptachlor   | 4.322 | 5.105 | 445.4E6 | 164.2E6  | 43.476  | 47.495   |
| 5)                          | MB Aldrin       | 4.561 | 5.407 | 447.8E6 | 151.7E6  | 43.993  | 48.364   |
| 6)                          | B beta-BHC      | 4.291 | 4.755 | 203.4E6 | 77297824 | 44.604  | 47.931   |
| 7)                          | B delta-BHC     | 4.486 | 4.970 | 467.5E6 | 165.7E6  | 44.188  | 58.738 # |
| 8)                          | B Heptachlo...  | 4.998 | 5.787 | 403.9E6 | 148.0E6  | 43.120m | 51.907   |
| 9)                          | A Endosulfan I  | 5.330 | 6.140 | 379.7E6 | 117.1E6  | 44.873  | 45.655   |
| 10)                         | B gamma-Chl...  | 5.220 | 6.020 | 410.3E6 | 134.5E6  | 43.808m | 47.743   |
| 11)                         | B alpha-Chl...  | 5.277 | 6.093 | 390.6E6 | 131.8E6  | 43.009m | 45.802   |
| 12)                         | B 4,4'-DDE      | 5.446 | 6.249 | 392.4E6 | 117.1E6  | 44.422m | 46.023   |
| 13)                         | MA Dieldrin     | 5.569 | 6.393 | 402.6E6 | 121.3E6  | 45.471m | 45.444   |
| 14)                         | MA Endrin       | 5.823 | 6.608 | 338.5E6 | 101.7E6  | 42.968  | 44.221   |
| 15)                         | B Endosulfa...  | 6.098 | 6.810 | 326.7E6 | 106.5E6  | 44.431  | 42.931   |
| 16)                         | A 4,4'-DDD      | 5.959 | 6.730 | 310.5E6 | 94048089 | 47.282  | 45.817   |
| 17)                         | MA 4,4'-DDT     | 6.192 | 7.030 | 262.0E6 | 84773278 | 40.577m | 40.022   |
| 18)                         | B Endrin al...  | 6.266 | 6.933 | 250.5E6 | 88352804 | 44.855  | 43.907   |
| 19)                         | B Endosulfa...  | 6.477 | 7.155 | 287.4E6 | 97510995 | 42.963  | 44.803   |
| 20)                         | A Methoxychlor  | 6.740 | 7.484 | 140.5E6 | 49217243 | 41.326m | 43.970   |
| 21)                         | B Endrin ke...  | 6.959 | 7.620 | 323.9E6 | 102.7E6  | 45.544m | 50.604   |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071218\  
Data File : PL037924.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jul 2018 15:27  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

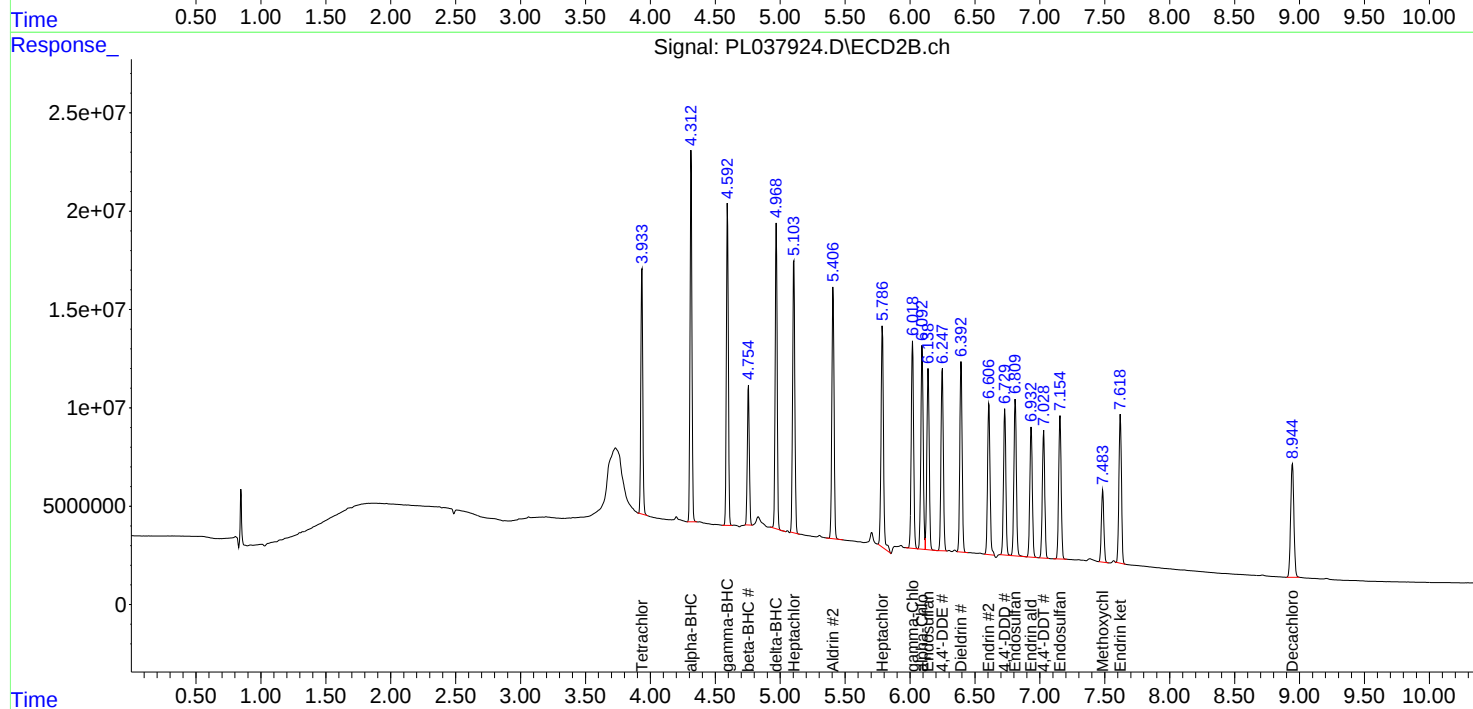
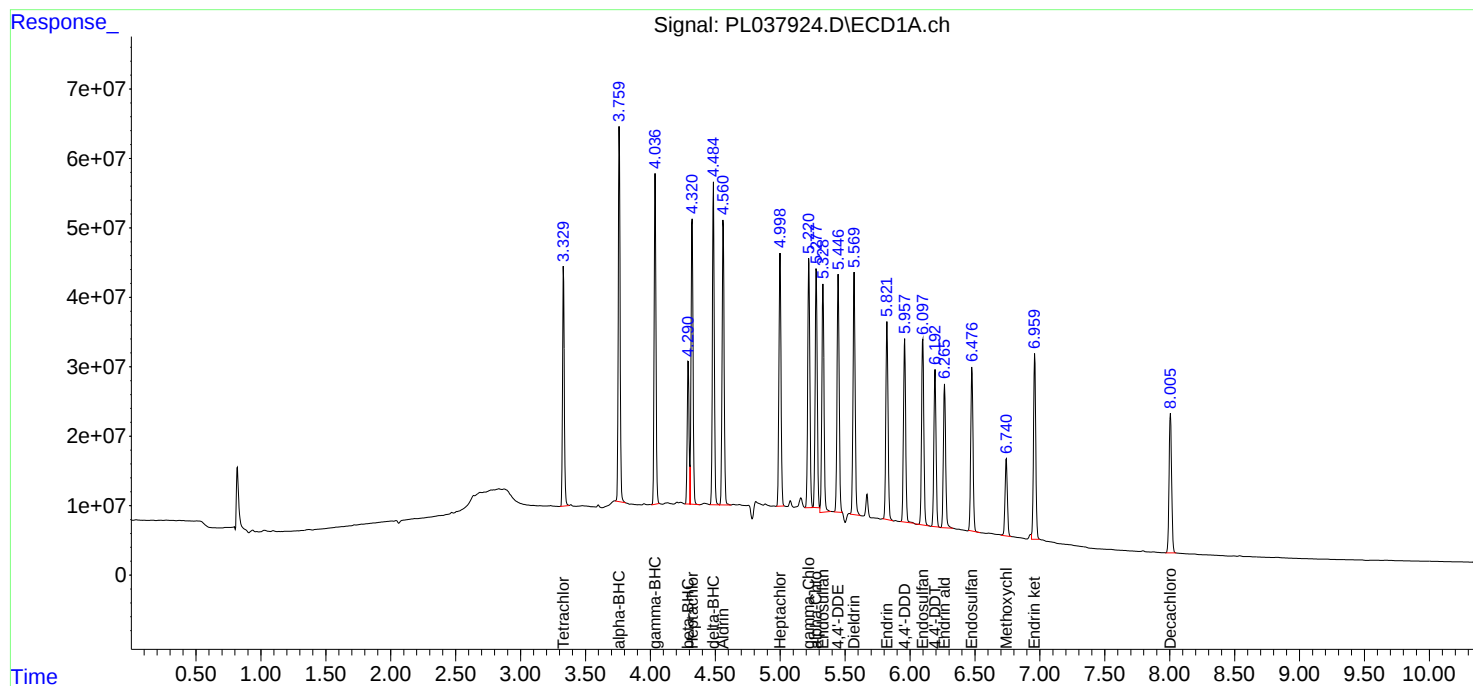
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

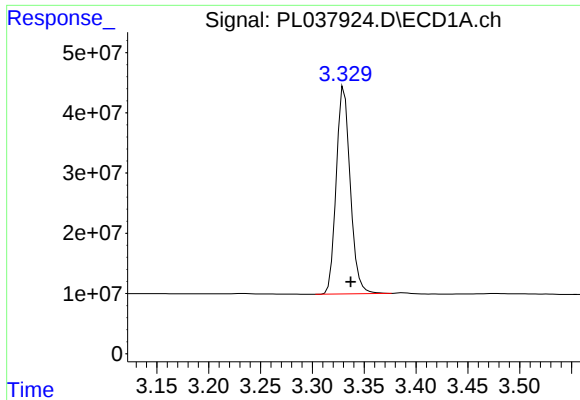
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 13 04:22:04 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





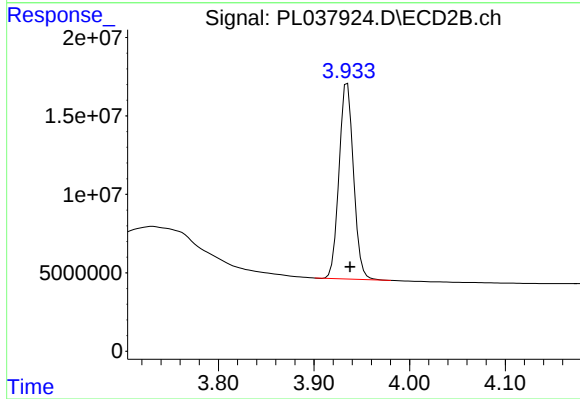
#1 Tetrachloro-m-xylene

R.T.: 3.331 min  
Delta R.T.: -0.006 min  
Response: 323701206  
Conc: 40.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

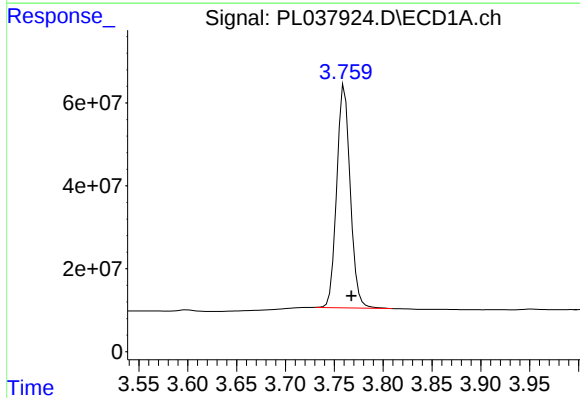
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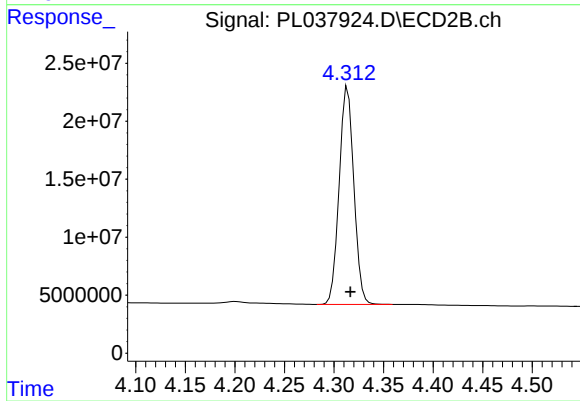
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: -0.003 min  
Response: 131284796  
Conc: 47.45 ng/ml



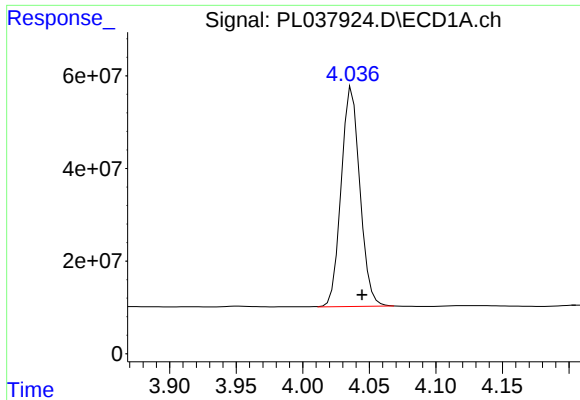
#2 alpha-BHC

R.T.: 3.759 min  
Delta R.T.: -0.008 min  
Response: 518852286  
Conc: 42.38 ng/ml m



#2 alpha-BHC

R.T.: 4.314 min  
Delta R.T.: -0.003 min  
Response: 193521752  
Conc: 49.87 ng/ml



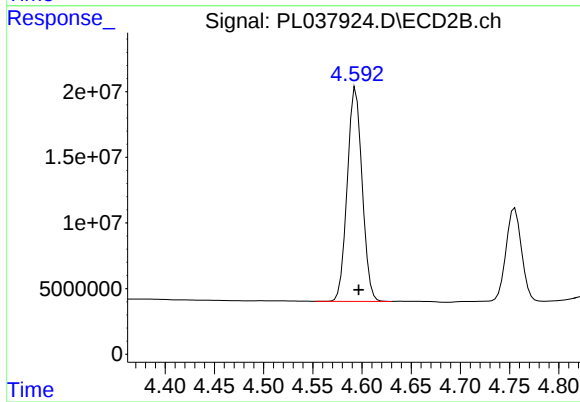
#3 gamma-BHC (Lindane)

R.T.: 4.036 min  
Delta R.T.: -0.009 min  
Response: 463581534  
Conc: 44.94 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

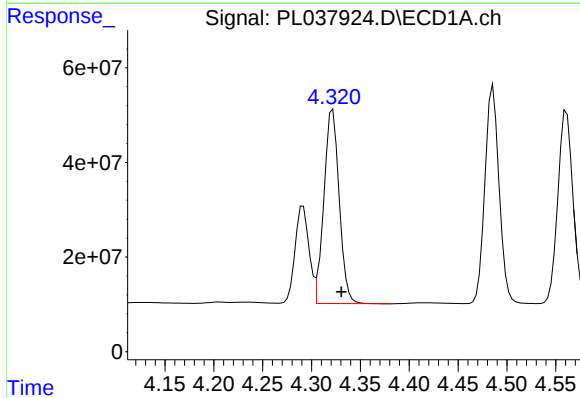
Manual Integrations  
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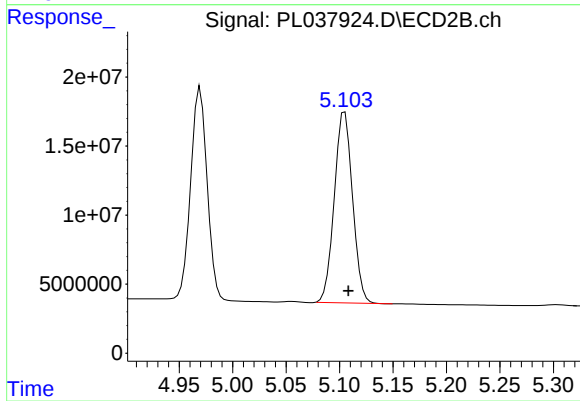
#3 gamma-BHC (Lindane)

R.T.: 4.594 min  
Delta R.T.: -0.003 min  
Response: 171501216  
Conc: 49.66 ng/ml



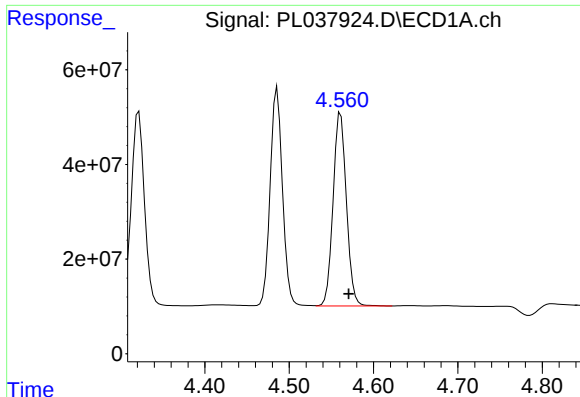
#4 Heptachlor

R.T.: 4.322 min  
Delta R.T.: -0.009 min  
Response: 445424573  
Conc: 43.48 ng/ml



#4 Heptachlor

R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 164161033  
Conc: 47.49 ng/ml



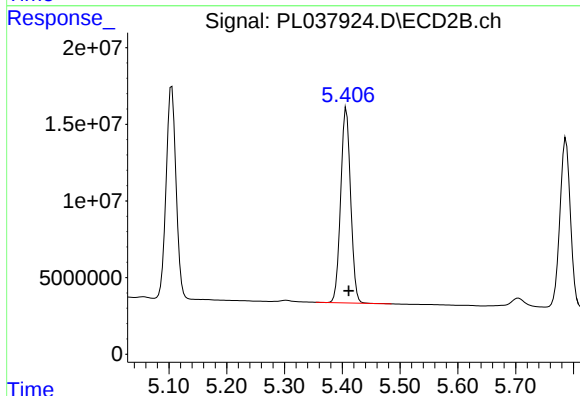
#5 Aldrin

R.T.: 4.561 min  
Delta R.T.: -0.010 min  
Response: 447785495  
Conc: 43.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

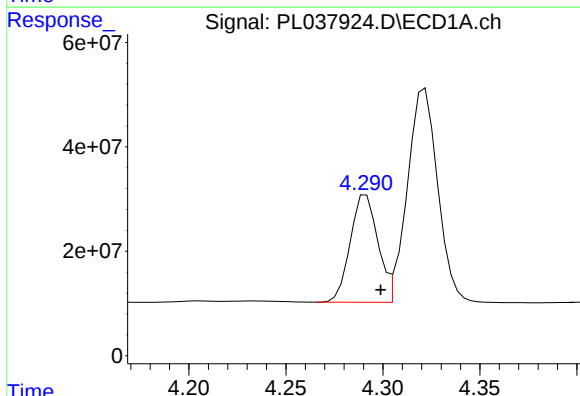
Manual Integrations  
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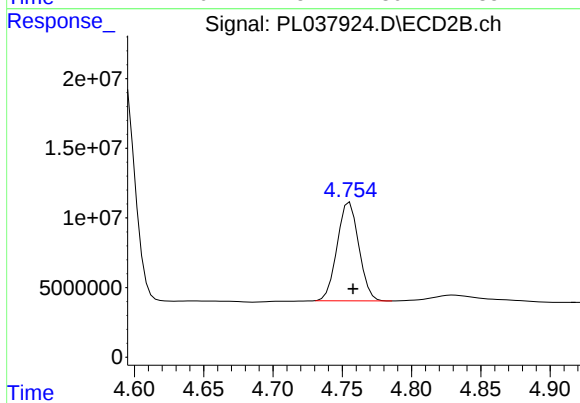
#5 Aldrin

R.T.: 5.407 min  
Delta R.T.: -0.004 min  
Response: 151728102  
Conc: 48.36 ng/ml



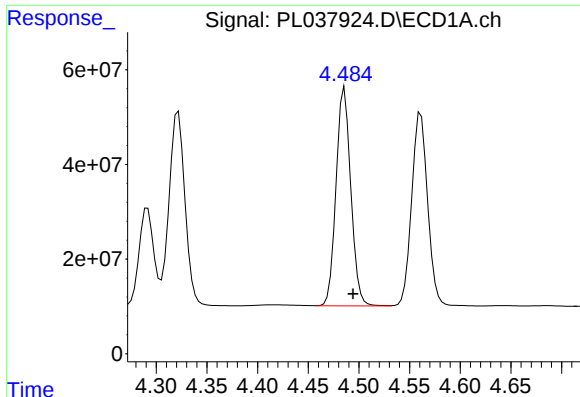
#6 beta-BHC

R.T.: 4.291 min  
Delta R.T.: -0.007 min  
Response: 203435426  
Conc: 44.60 ng/ml



#6 beta-BHC

R.T.: 4.755 min  
Delta R.T.: -0.003 min  
Response: 77297824  
Conc: 47.93 ng/ml



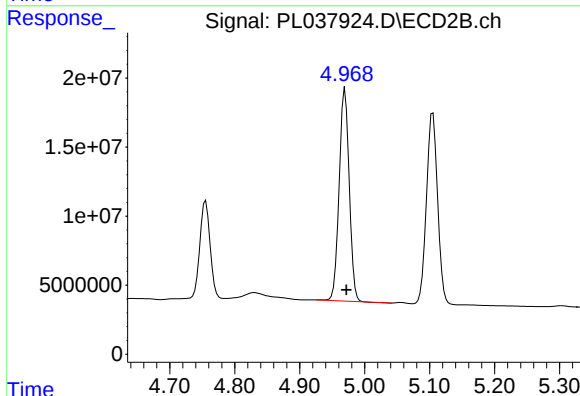
#7 delta-BHC

R.T.: 4.486 min  
Delta R.T.: -0.008 min  
Response: 467466294  
Conc: 44.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

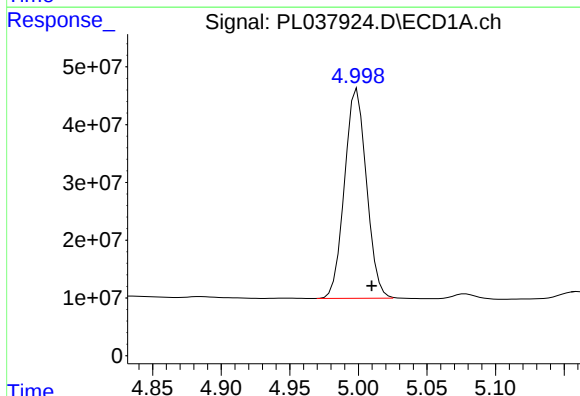
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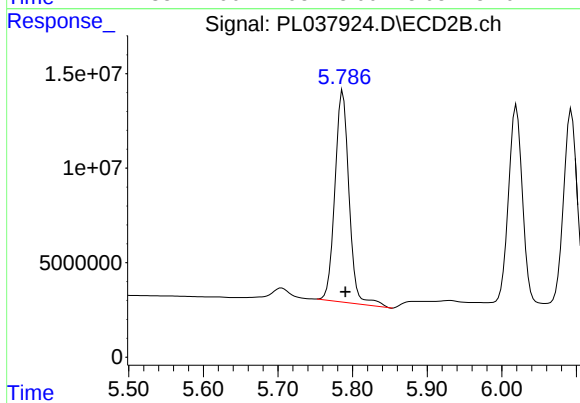
#7 delta-BHC

R.T.: 4.970 min  
Delta R.T.: -0.002 min  
Response: 165657508  
Conc: 58.74 ng/ml



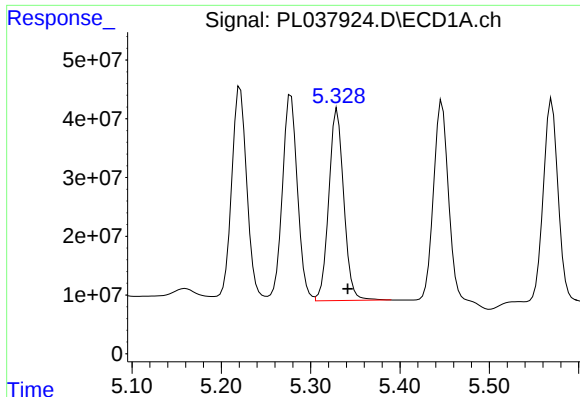
#8 Heptachlor epoxide

R.T.: 4.998 min  
Delta R.T.: -0.012 min  
Response: 403900435  
Conc: 43.12 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.787 min  
Delta R.T.: -0.004 min  
Response: 147969447  
Conc: 51.91 ng/ml



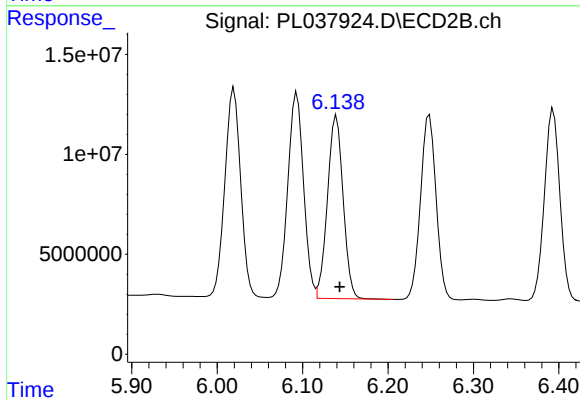
#9 Endosulfan I

R.T.: 5.330 min  
Delta R.T.: -0.012 min  
Response: 379665120  
Conc: 44.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

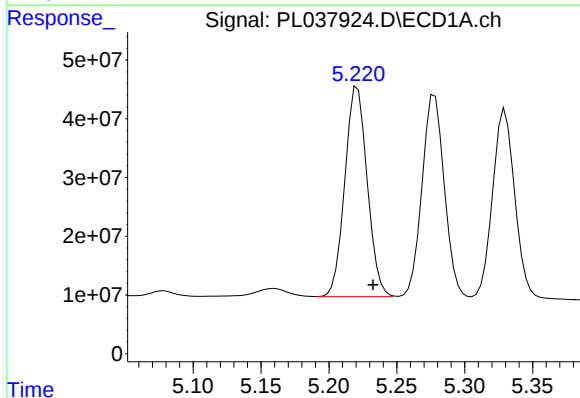
Manual Integrations  
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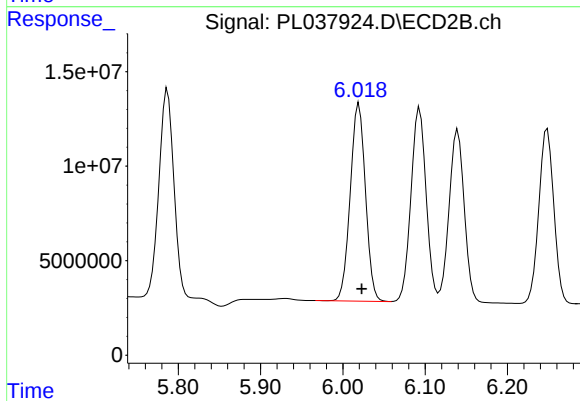
#9 Endosulfan I

R.T.: 6.140 min  
Delta R.T.: -0.004 min  
Response: 117097471  
Conc: 45.66 ng/ml



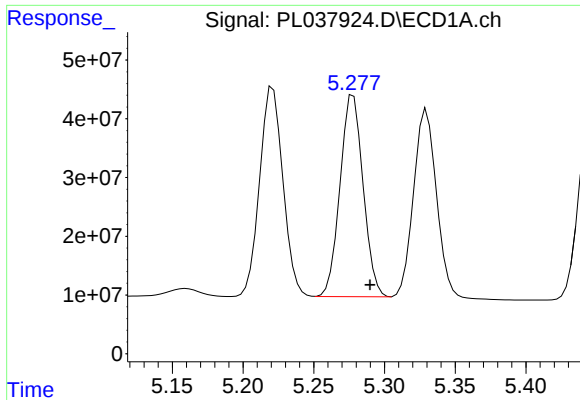
#10 gamma-Chlordane

R.T.: 5.220 min  
Delta R.T.: -0.013 min  
Response: 410316177  
Conc: 43.81 ng/ml m



#10 gamma-Chlordane

R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 134462414  
Conc: 47.74 ng/ml



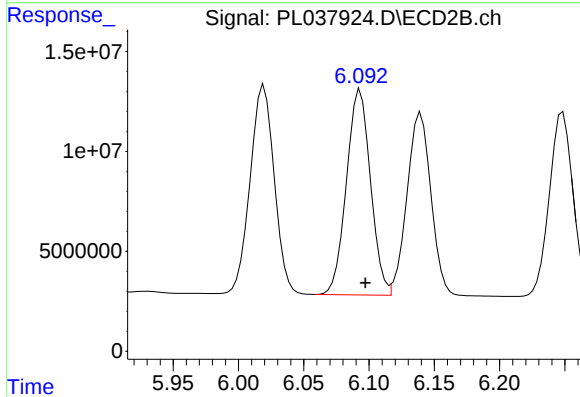
#11 alpha-Chlordane

R.T.: 5.277 min  
Delta R.T.: -0.013 min  
Response: 390582203  
Conc: 43.01 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

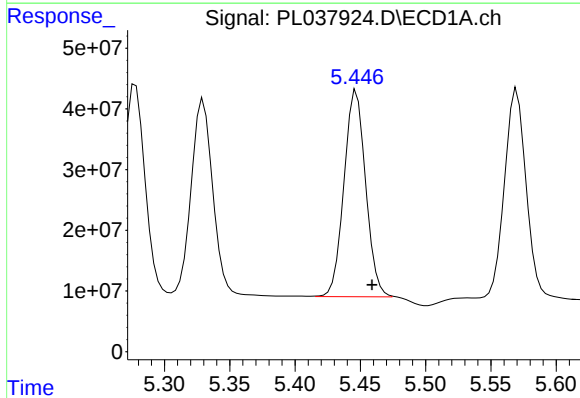
Manual Integrations  
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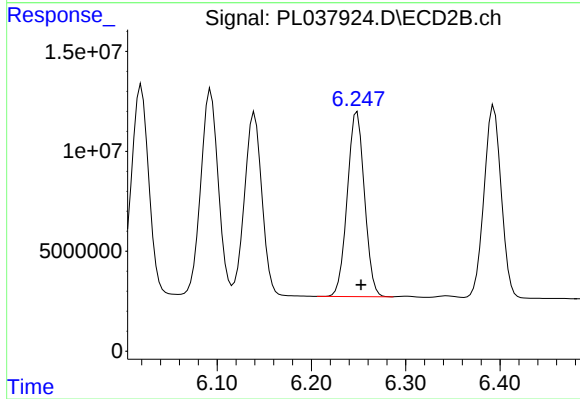
#11 alpha-Chlordane

R.T.: 6.093 min  
Delta R.T.: -0.004 min  
Response: 131832411  
Conc: 45.80 ng/ml



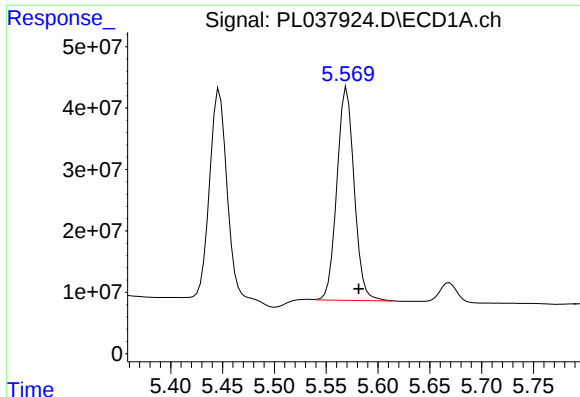
#12 4,4'-DDE

R.T.: 5.446 min  
Delta R.T.: -0.013 min  
Response: 392355475  
Conc: 44.42 ng/ml m



#12 4,4'-DDE

R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 117112311  
Conc: 46.02 ng/ml



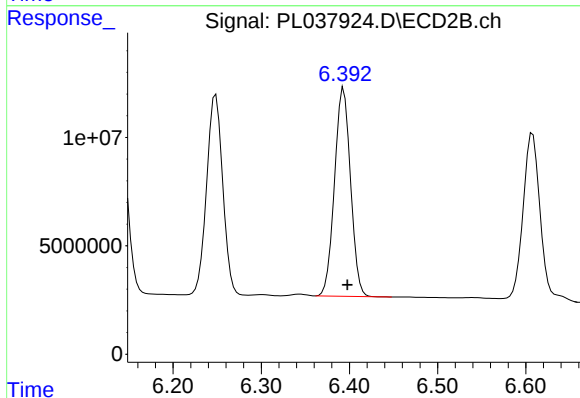
#13 Dieldrin

R.T.: 5.569 min  
Delta R.T.: -0.013 min  
Response: 402562401  
Conc: 45.47 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

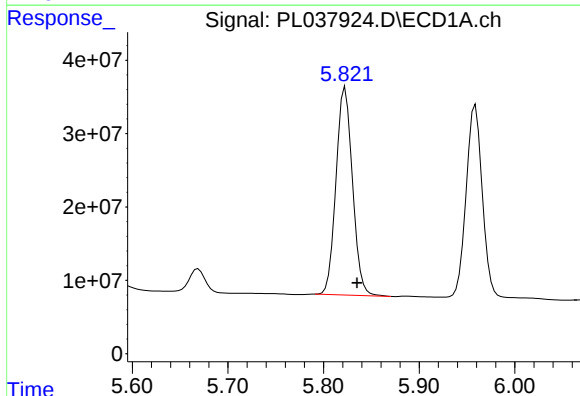
Manual Integrations  
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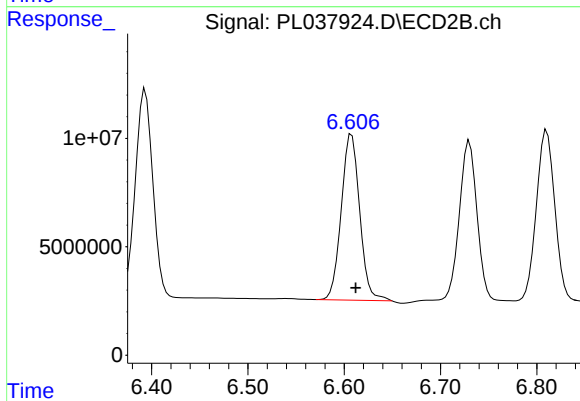
#13 Dieldrin

R.T.: 6.393 min  
Delta R.T.: -0.004 min  
Response: 121301647  
Conc: 45.44 ng/ml



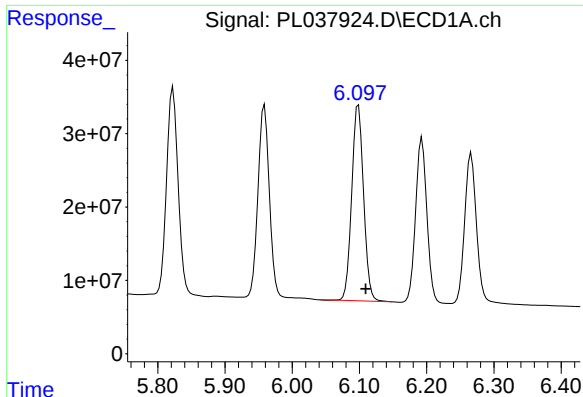
#14 Endrin

R.T.: 5.823 min  
Delta R.T.: -0.012 min  
Response: 338480753  
Conc: 42.97 ng/ml



#14 Endrin

R.T.: 6.608 min  
Delta R.T.: -0.004 min  
Response: 101676445  
Conc: 44.22 ng/ml



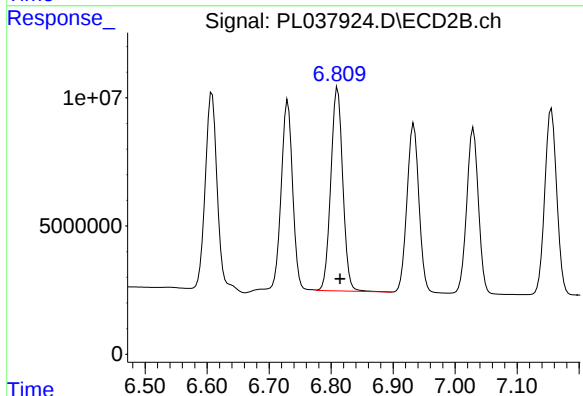
#15 Endosulfan II

R.T.: 6.098 min  
Delta R.T.: -0.011 min  
Response: 326724630  
Conc: 44.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

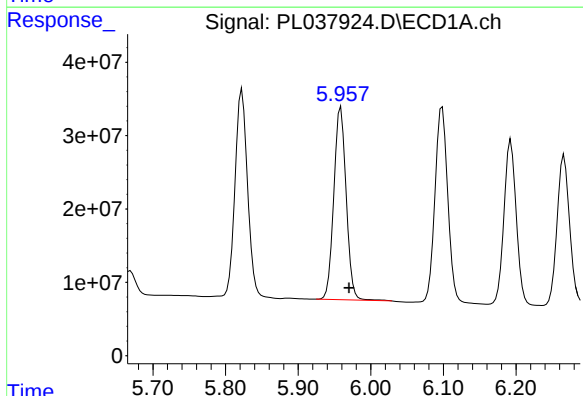
Manual Integrations  
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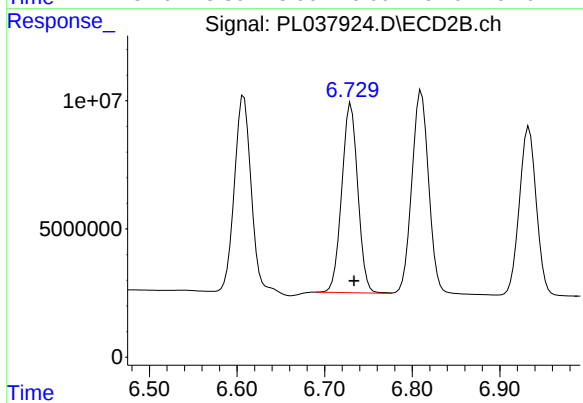
#15 Endosulfan II

R.T.: 6.810 min  
Delta R.T.: -0.004 min  
Response: 106471524  
Conc: 42.93 ng/ml



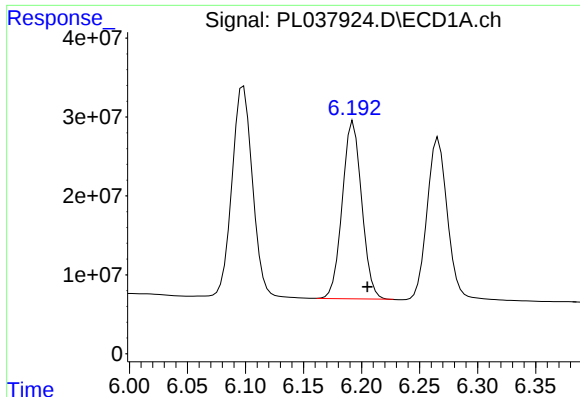
#16 4,4'-DDD

R.T.: 5.959 min  
Delta R.T.: -0.011 min  
Response: 310508689  
Conc: 47.28 ng/ml



#16 4,4'-DDD

R.T.: 6.730 min  
Delta R.T.: -0.004 min  
Response: 94048089  
Conc: 45.82 ng/ml



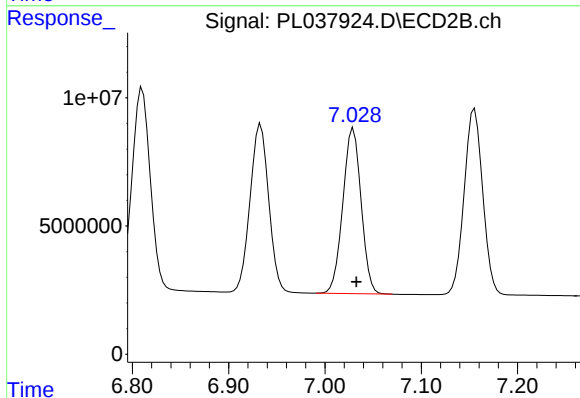
#17 4,4'-DDT

R.T.: 6.192 min  
Delta R.T.: -0.014 min  
Response: 261976887  
Conc: 40.58 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

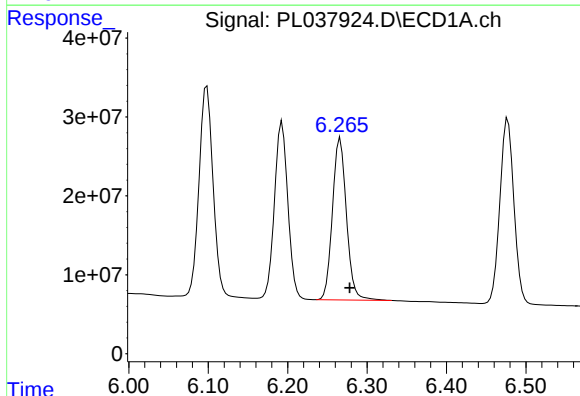
Manual Integrations  
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Sohil  
7/13/2018 2:33:05 PM



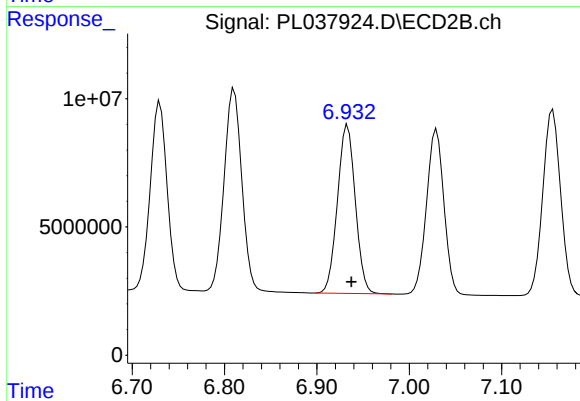
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: -0.003 min  
Response: 84773278  
Conc: 40.02 ng/ml



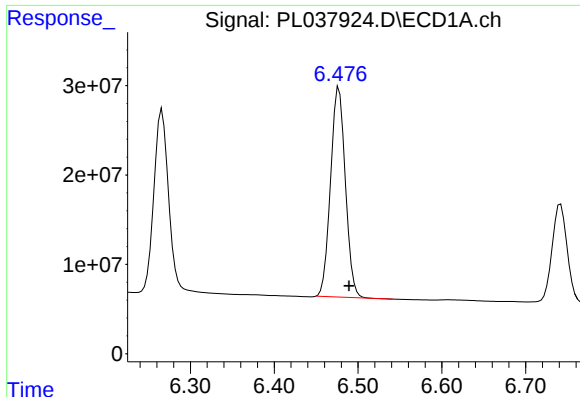
#18 Endrin aldehyde

R.T.: 6.266 min  
Delta R.T.: -0.012 min  
Response: 250493087  
Conc: 44.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: -0.004 min  
Response: 88352804  
Conc: 43.91 ng/ml



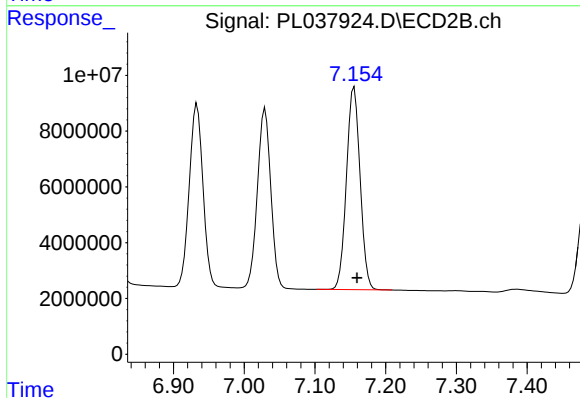
#19 Endosulfan Sulfate

R.T.: 6.477 min  
Delta R.T.: -0.012 min  
Response: 287422130  
Conc: 42.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

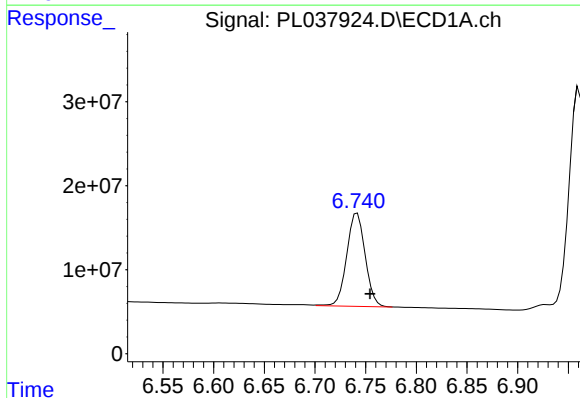
Manual Integrations  
APPROVED

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7/13/2018 2:33:05 PM



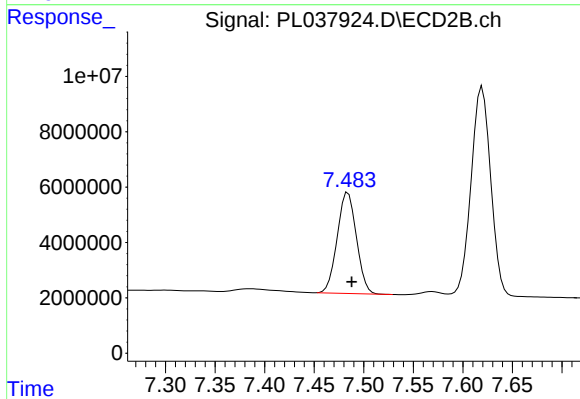
#19 Endosulfan Sulfate

R.T.: 7.155 min  
Delta R.T.: -0.004 min  
Response: 97510995  
Conc: 44.80 ng/ml



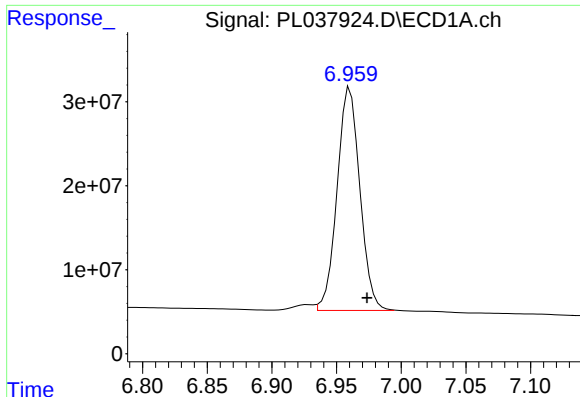
#20 Methoxychlor

R.T.: 6.740 min  
Delta R.T.: -0.014 min  
Response: 140468103  
Conc: 41.33 ng/ml m



#20 Methoxychlor

R.T.: 7.484 min  
Delta R.T.: -0.004 min  
Response: 49217243  
Conc: 43.97 ng/ml



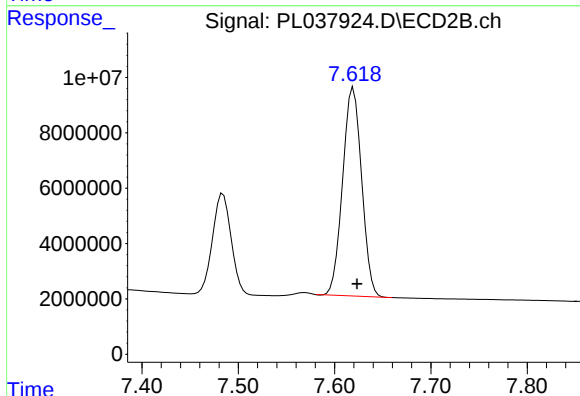
#21 Endrin ketone

R.T.: 6.959 min  
Delta R.T.: -0.014 min  
Response: 323893113  
Conc: 45.54 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

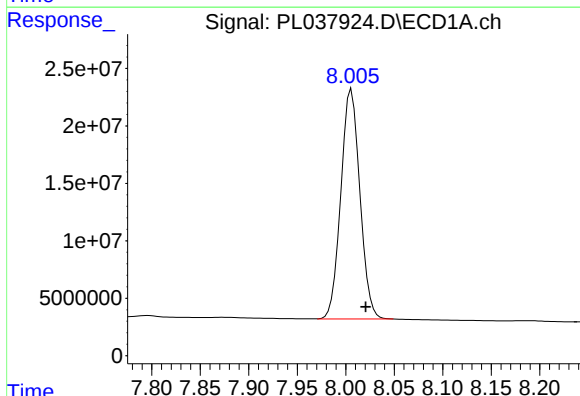
Manual Integrations  
APPROVED

Sohil  
7/13/2018 2:33:05 PM



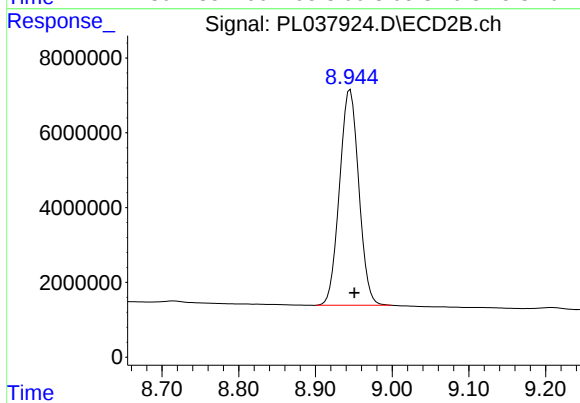
#21 Endrin ketone

R.T.: 7.620 min  
Delta R.T.: -0.004 min  
Response: 102709685  
Conc: 50.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.005 min  
Delta R.T.: -0.016 min  
Response: 272982121  
Conc: 45.24 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.945 min  
Delta R.T.: -0.006 min  
Response: 101026529  
Conc: 50.92 ng/ml