

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092419\  
 Data File : PL052682.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2019 09:32  
 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: Sep 25 01:09:47 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 17 11:25:25 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... | 3.552 | 4.047 | 424.8E6 | 119.2E6  | 54.481  | 54.707   |
| 2)                          | SA Decachlor... | 8.352 | 9.127 | 397.8E6 | 125.5E6  | 45.490  | 52.412   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.996 | 4.439 | 694.9E6 | 174.0E6  | 57.804m | 56.932   |
| 3)                          | MA gamma-BHC... | 4.285 | 4.724 | 620.9E6 | 164.0E6  | 54.879  | 56.783   |
| 4)                          | MA Heptachlor   | 4.594 | 5.235 | 626.1E6 | 171.9E6  | 55.407  | 58.590   |
| 5)                          | MB Aldrin       | 4.847 | 5.540 | 591.3E6 | 158.0E6  | 54.755  | 59.648   |
| 6)                          | B beta-BHC      | 4.534 | 4.893 | 258.2E6 | 78873929 | 52.764  | 59.141   |
| 7)                          | B delta-BHC     | 4.744 | 5.110 | 615.9E6 | 162.5E6  | 54.506  | 56.757   |
| 8)                          | B Heptachlo...  | 5.294 | 5.926 | 535.5E6 | 155.2E6  | 52.410  | 59.176   |
| 9)                          | A Endosulfan I  | 5.637 | 6.283 | 501.6E6 | 136.0E6  | 51.417  | 58.348   |
| 10)                         | B gamma-Chl...  | 5.523 | 6.159 | 564.1E6 | 150.6E6  | 53.114  | 59.217   |
| 11)                         | B alpha-Chl...  | 5.583 | 6.233 | 544.6E6 | 146.1E6  | 52.682  | 58.503   |
| 12)                         | B 4,4'-DDE      | 5.746 | 6.388 | 465.8E6 | 144.8E6  | 49.918  | 59.384   |
| 13)                         | MA Dieldrin     | 5.882 | 6.540 | 552.0E6 | 144.2E6  | 53.250  | 59.052   |
| 14)                         | MA Endrin       | 6.140 | 6.758 | 446.5E6 | 109.5E6  | 54.006  | 56.579   |
| 15)                         | B Endosulfa...  | 6.412 | 6.965 | 460.9E6 | 124.9E6  | 47.520m | 55.974   |
| 16)                         | A 4,4'-DDD      | 6.262 | 6.877 | 412.4E6 | 110.1E6  | 53.847m | 59.756   |
| 17)                         | MA 4,4'-DDT     | 6.506 | 7.176 | 401.8E6 | 105.9E6  | 51.770m | 57.923   |
| 18)                         | B Endrin al...  | 6.581 | 7.089 | 384.6E6 | 106.4E6  | 49.742m | 57.378   |
| 19)                         | B Endosulfa...  | 6.794 | 7.311 | 363.6E6 | 112.7E6  | 43.829m | 54.874 # |
| 20)                         | A Methoxychlor  | 7.055 | 7.632 | 208.9E6 | 56077001 | 51.674  | 55.340   |
| 21)                         | B Endrin ke...  | 7.289 | 7.783 | 494.5E6 | 122.9E6  | 47.628m | 55.348   |
| 22)                         | Mirex           | 7.487 | 8.239 | 328.4E6 | 92461067 | 42.942  | 54.025 # |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092419\  
Data File : PL052682.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2019 09:32  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

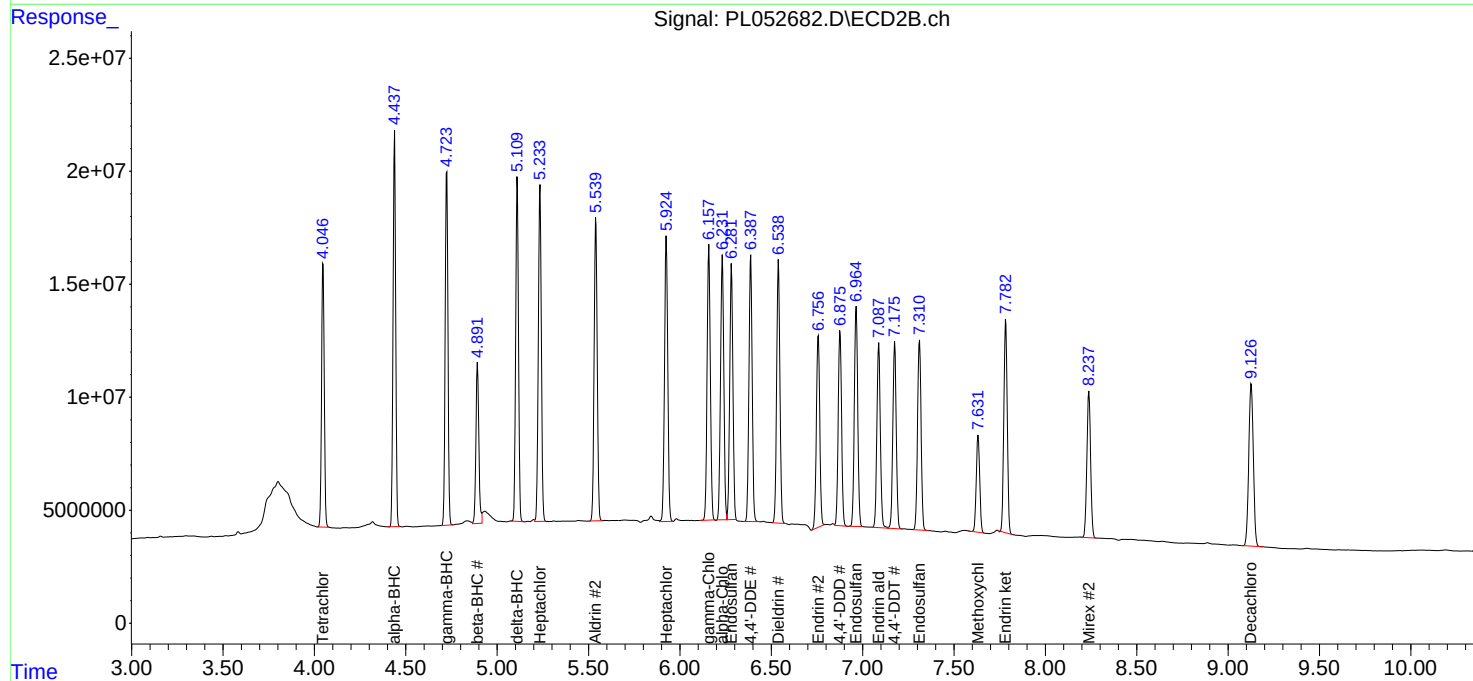
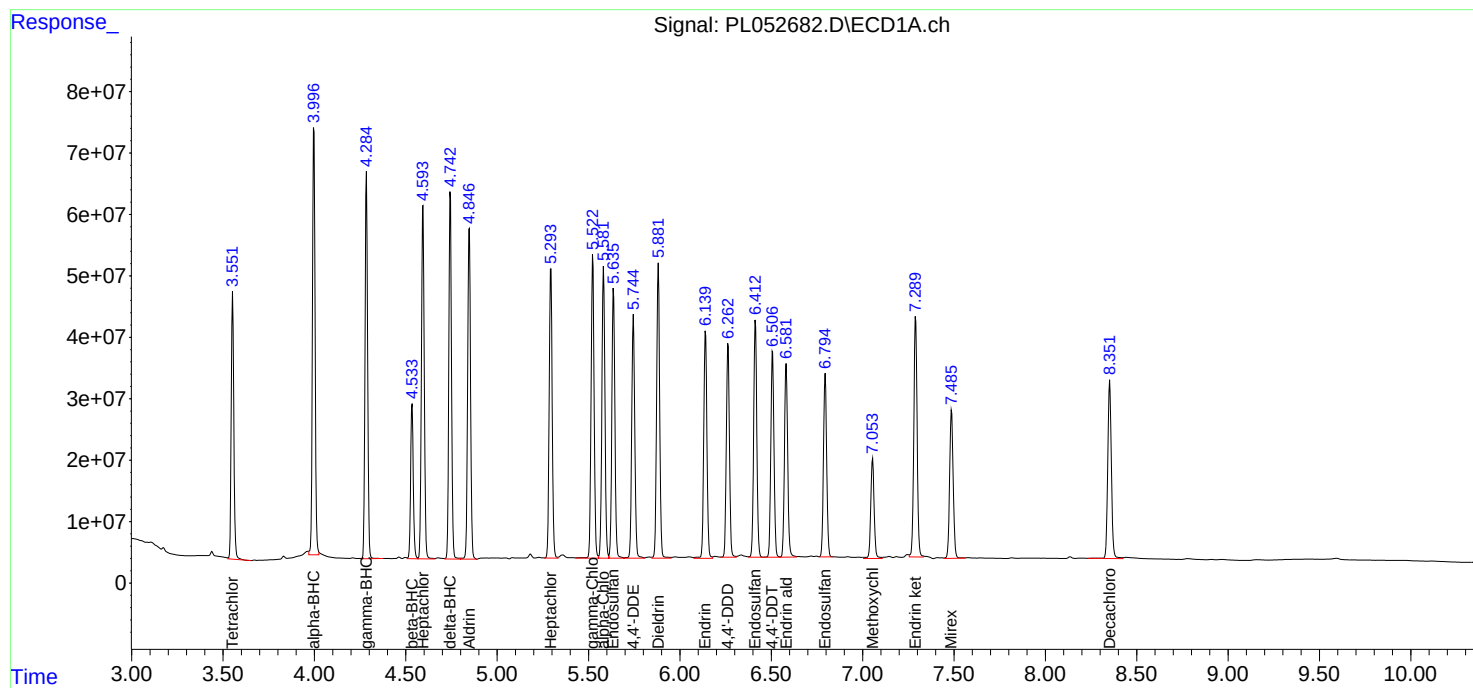
Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

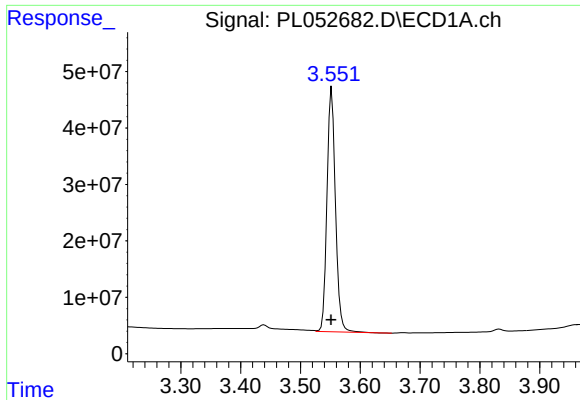
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 01:09:47 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 17 11:25:25 2019  
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





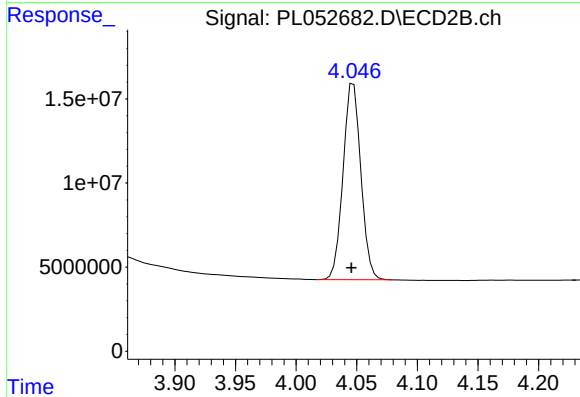
#1 Tetrachloro-m-xylene

R.T.: 3.552 min  
Delta R.T.: 0.001 min  
Response: 424825998  
Conc: 54.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

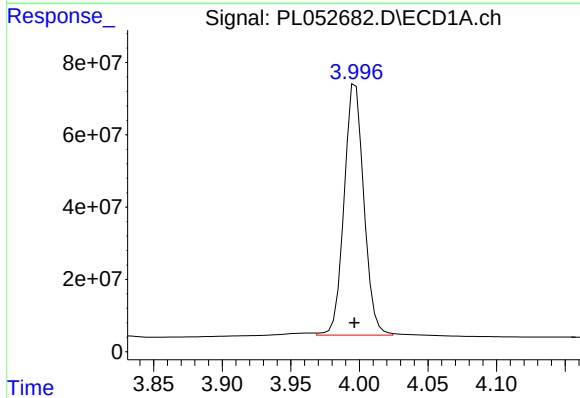
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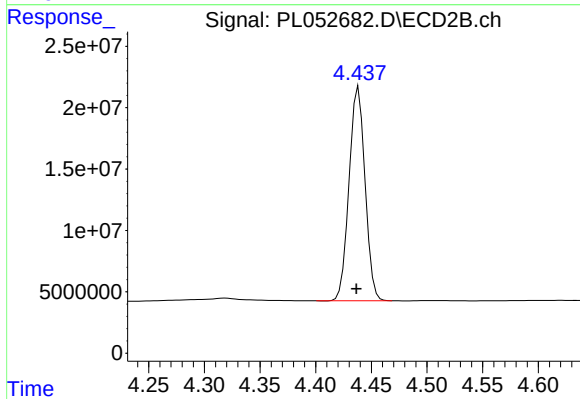
#1 Tetrachloro-m-xylene

R.T.: 4.047 min  
Delta R.T.: 0.002 min  
Response: 119202802  
Conc: 54.71 ng/ml



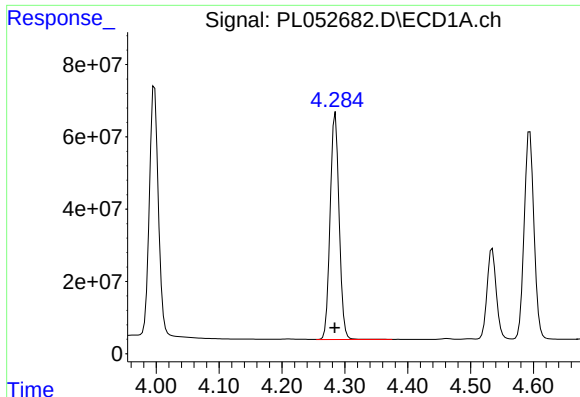
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.000 min  
Response: 694945877  
Conc: 57.80 ng/ml m



#2 alpha-BHC

R.T.: 4.439 min  
Delta R.T.: 0.002 min  
Response: 174019222  
Conc: 56.93 ng/ml



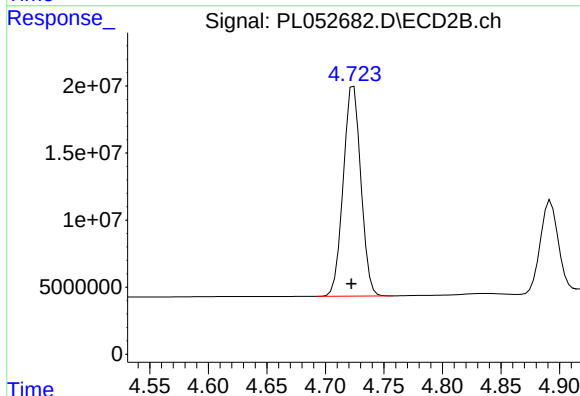
#3 gamma-BHC (Lindane)

R.T.: 4.285 min  
Delta R.T.: 0.001 min  
Response: 620916575  
Conc: 54.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

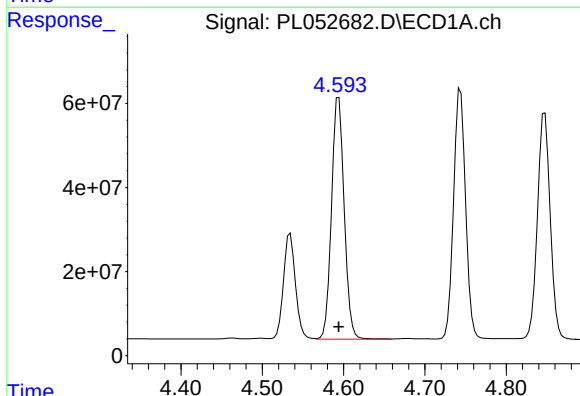
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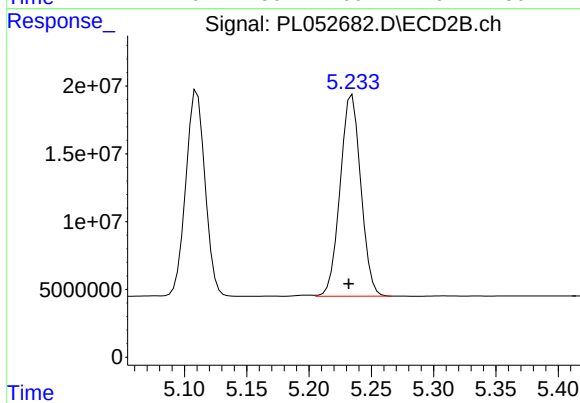
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.002 min  
Response: 163960291  
Conc: 56.78 ng/ml



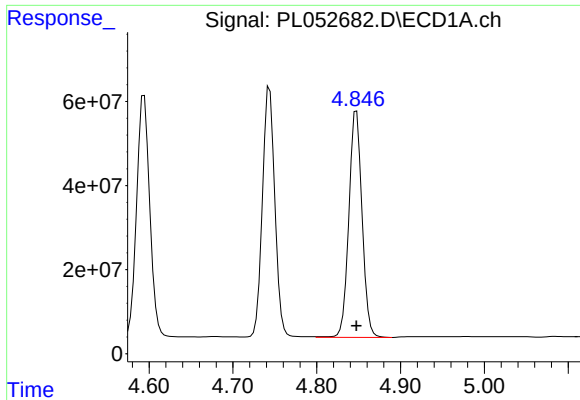
#4 Heptachlor

R.T.: 4.594 min  
Delta R.T.: 0.000 min  
Response: 626053030  
Conc: 55.41 ng/ml



#4 Heptachlor

R.T.: 5.235 min  
Delta R.T.: 0.003 min  
Response: 171949278  
Conc: 58.59 ng/ml



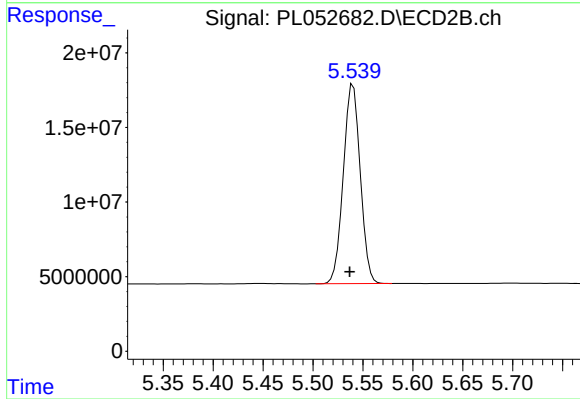
#5 Aldrin

R.T.: 4.847 min  
Delta R.T.: 0.000 min  
Response: 591275390  
Conc: 54.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

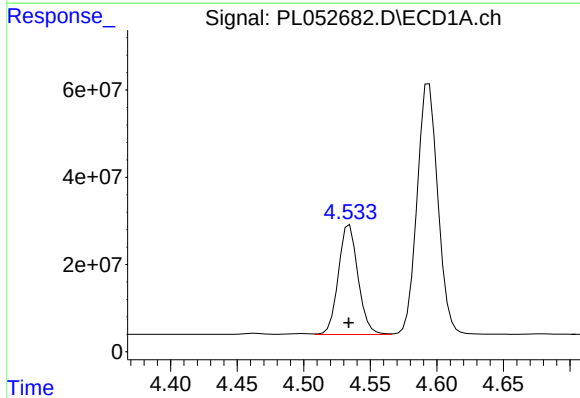
Manual Integrations  
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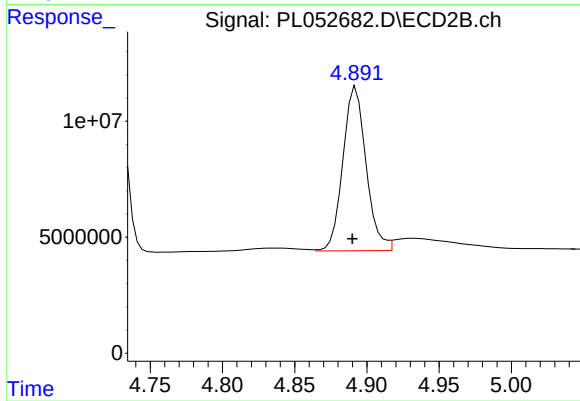
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.003 min  
Response: 157992374  
Conc: 59.65 ng/ml



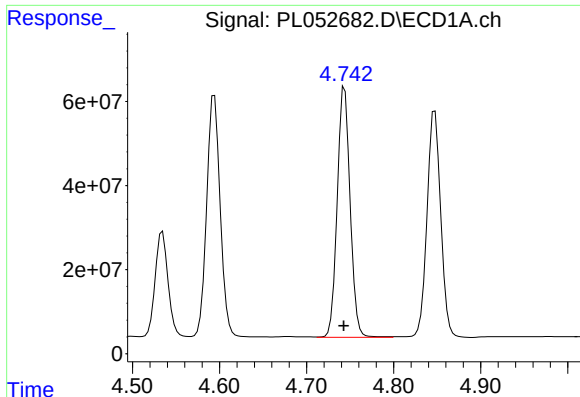
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.000 min  
Response: 258218390  
Conc: 52.76 ng/ml



#6 beta-BHC

R.T.: 4.893 min  
Delta R.T.: 0.003 min  
Response: 78873929  
Conc: 59.14 ng/ml



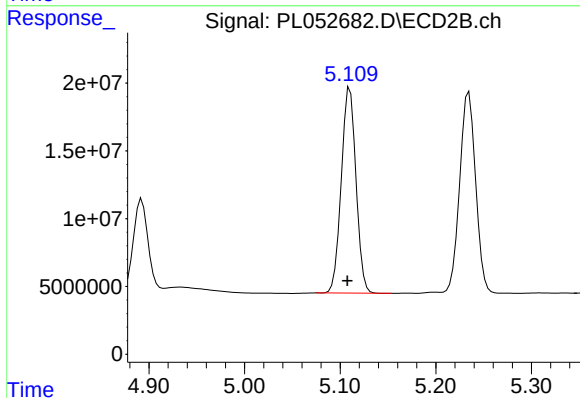
#7 delta-BHC

R.T.: 4.744 min  
Delta R.T.: 0.000 min  
Response: 615943309  
Conc: 54.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

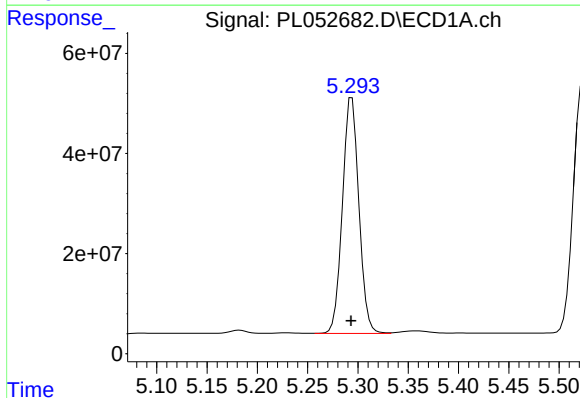
Manual Integrations  
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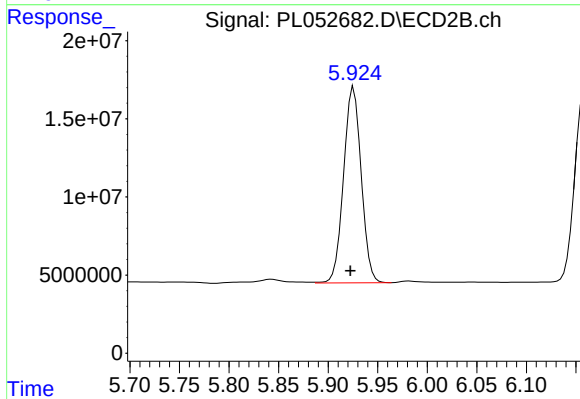
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.003 min  
Response: 162487786  
Conc: 56.76 ng/ml



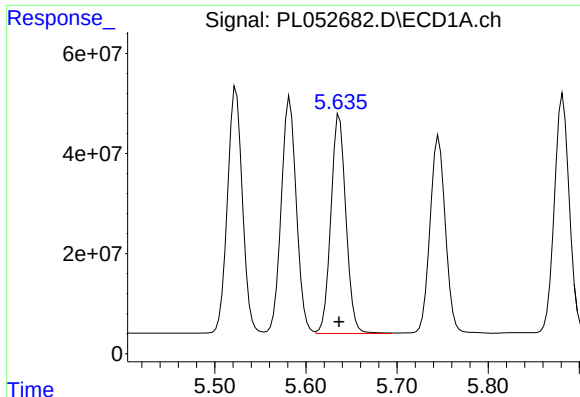
#8 Heptachlor epoxide

R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 535488539  
Conc: 52.41 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min  
Delta R.T.: 0.003 min  
Response: 155189080  
Conc: 59.18 ng/ml



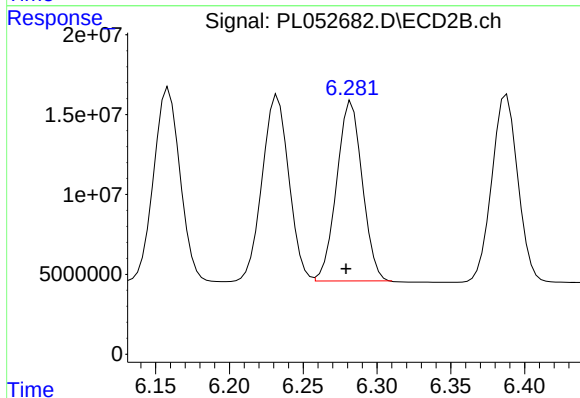
#9 Endosulfan I

R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 501606191  
Conc: 51.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

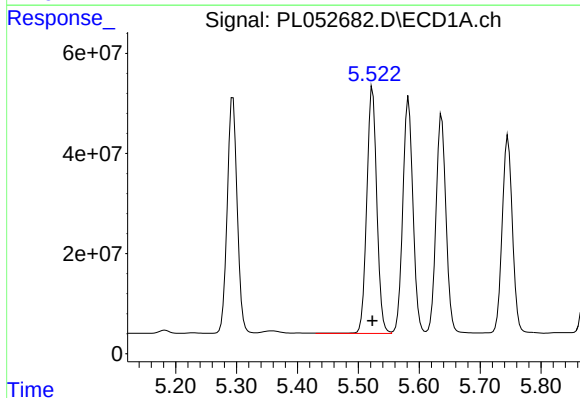
Manual Integrations  
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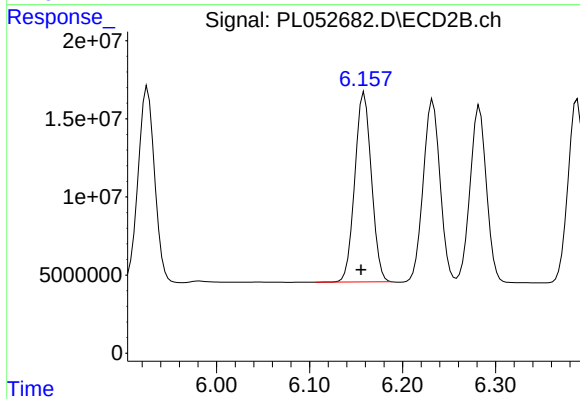
#9 Endosulfan I

R.T.: 6.283 min  
Delta R.T.: 0.004 min  
Response: 136022034  
Conc: 58.35 ng/ml



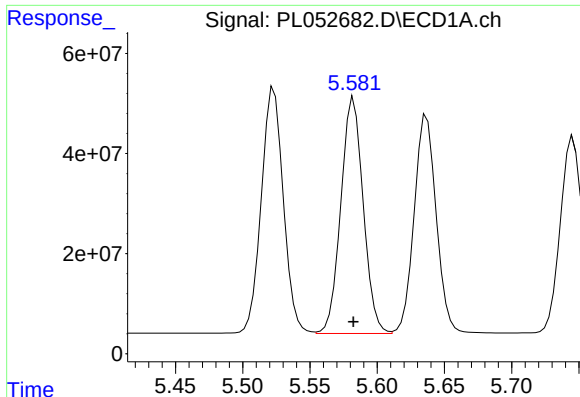
#10 gamma-Chlordane

R.T.: 5.523 min  
Delta R.T.: 0.000 min  
Response: 564082523  
Conc: 53.11 ng/ml



#10 gamma-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.004 min  
Response: 150647968  
Conc: 59.22 ng/ml



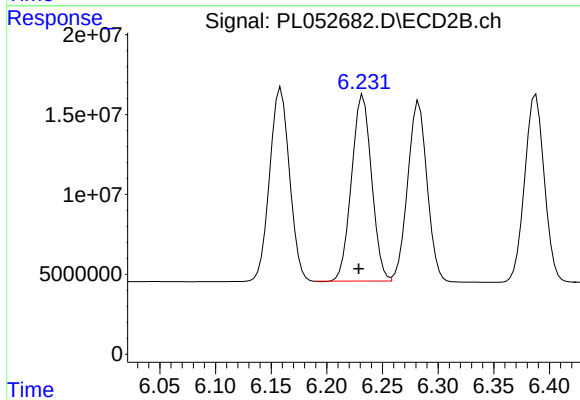
#11 alpha-Chlordane

R.T.: 5.583 min  
Delta R.T.: 0.000 min  
Response: 544589116  
Conc: 52.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

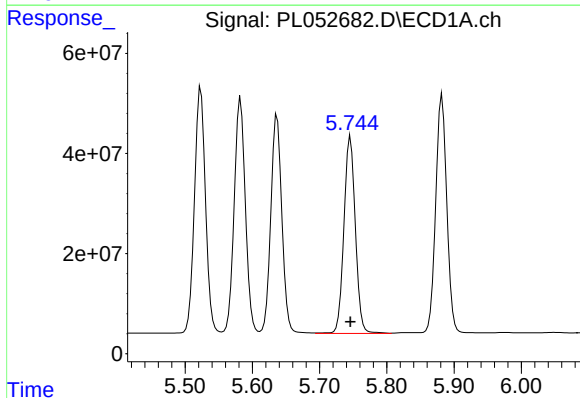
Manual Integrations  
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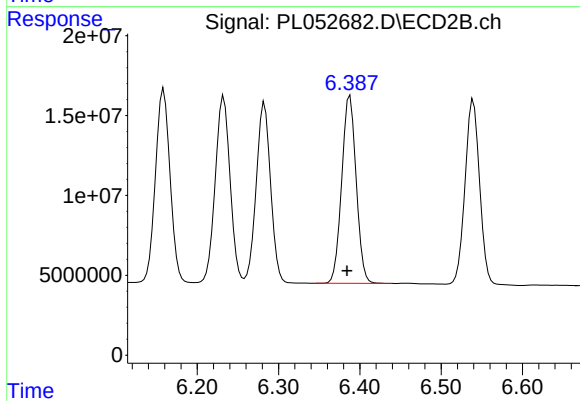
#11 alpha-Chlordane

R.T.: 6.233 min  
Delta R.T.: 0.004 min  
Response: 146143292  
Conc: 58.50 ng/ml



#12 4,4'-DDE

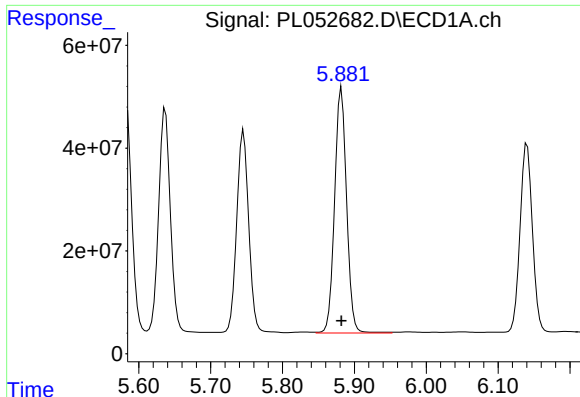
R.T.: 5.746 min  
Delta R.T.: 0.000 min  
Response: 465785888  
Conc: 49.92 ng/ml



#12 4,4'-DDE

R.T.: 6.388 min  
Delta R.T.: 0.004 min  
Response: 144778362  
Conc: 59.38 ng/ml





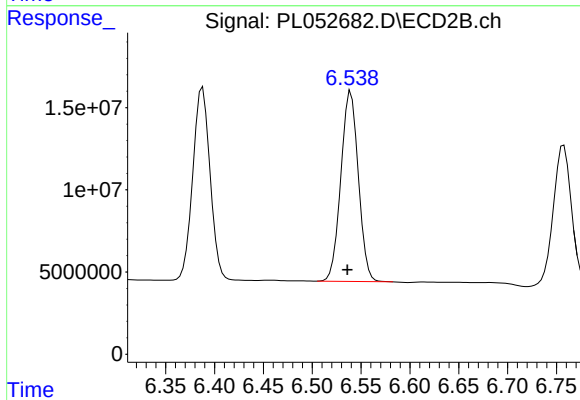
#13 Dieldrin

R.T.: 5.882 min  
Delta R.T.: 0.000 min  
Response: 551994844  
Conc: 53.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

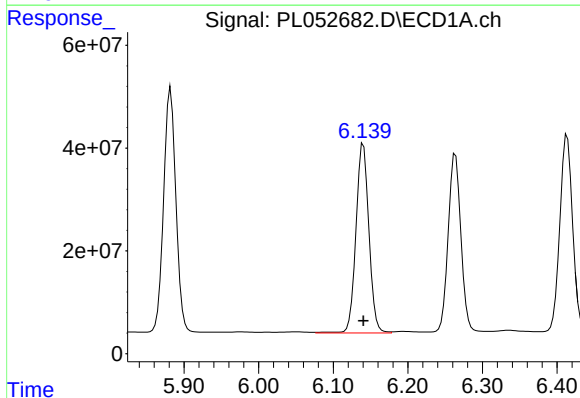
Manual Integrations  
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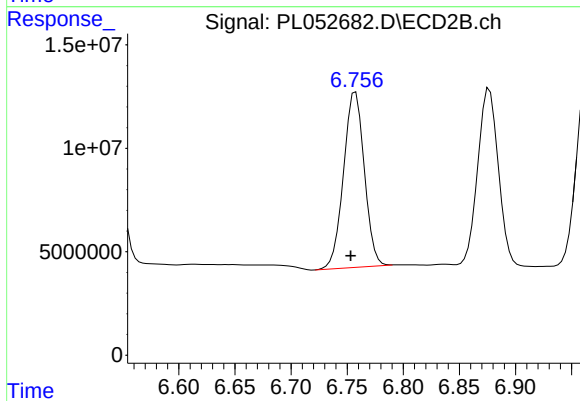
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.003 min  
Response: 144209219  
Conc: 59.05 ng/ml



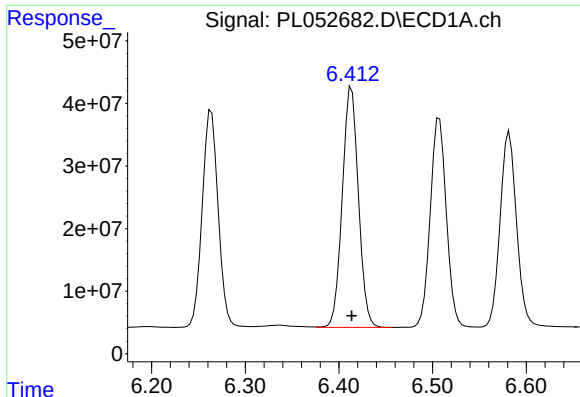
#14 Endrin

R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 446502918  
Conc: 54.01 ng/ml



#14 Endrin

R.T.: 6.758 min  
Delta R.T.: 0.004 min  
Response: 109513245  
Conc: 56.58 ng/ml



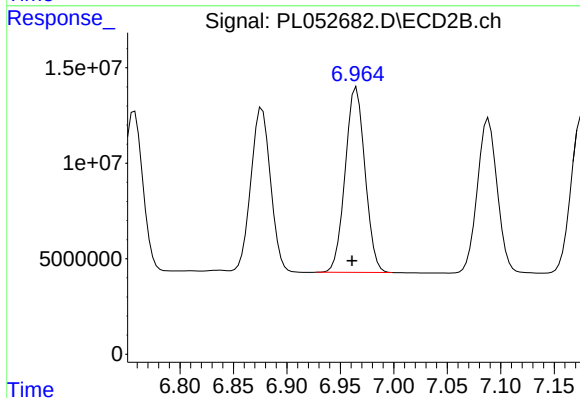
#15 Endosulfan II

R.T.: 6.412 min  
Delta R.T.: -0.002 min  
Response: 460940263  
Conc: 47.52 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

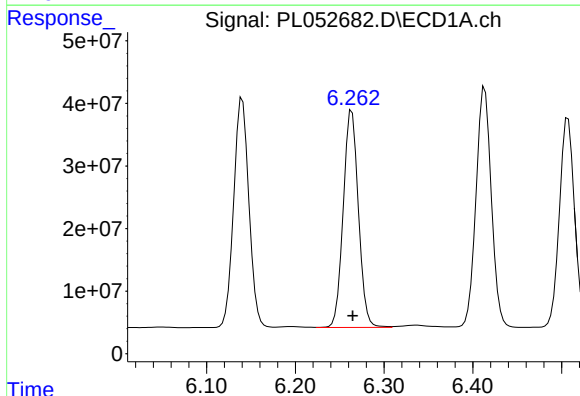
Manual Integrations  
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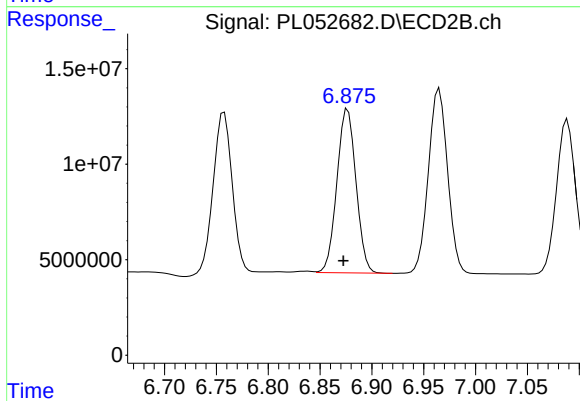
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.004 min  
Response: 124944235  
Conc: 55.97 ng/ml



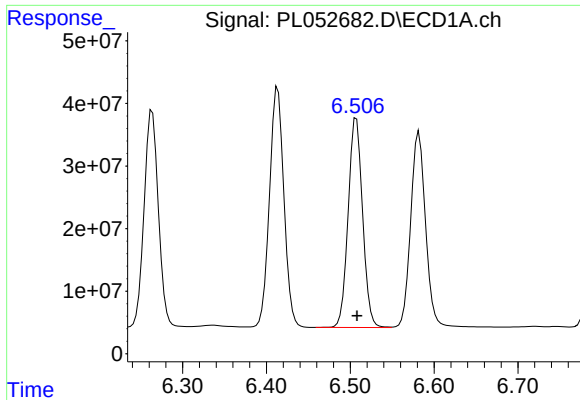
#16 4,4'-DDD

R.T.: 6.262 min  
Delta R.T.: -0.002 min  
Response: 412409158  
Conc: 53.85 ng/ml m



#16 4,4'-DDD

R.T.: 6.877 min  
Delta R.T.: 0.004 min  
Response: 110058809  
Conc: 59.76 ng/ml



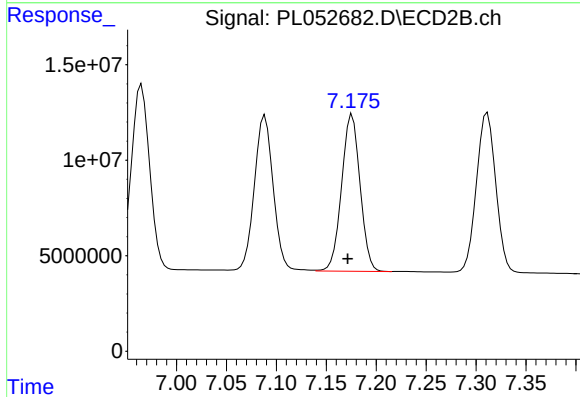
#17 4,4'-DDT

R.T.: 6.506 min  
Delta R.T.: -0.002 min  
Response: 401800292  
Conc: 51.77 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

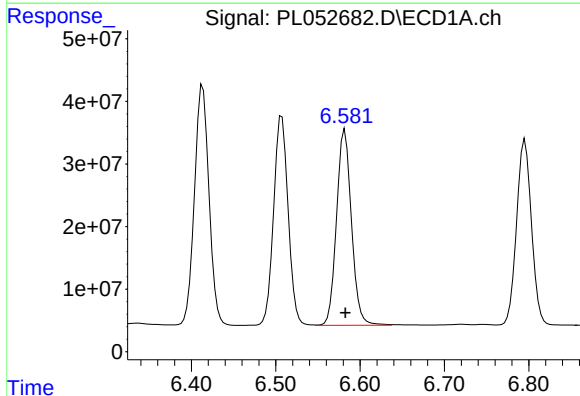
Manual Integrations  
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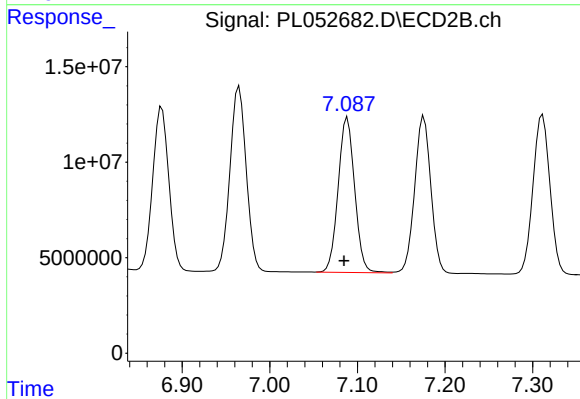
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.004 min  
Response: 105946360  
Conc: 57.92 ng/ml



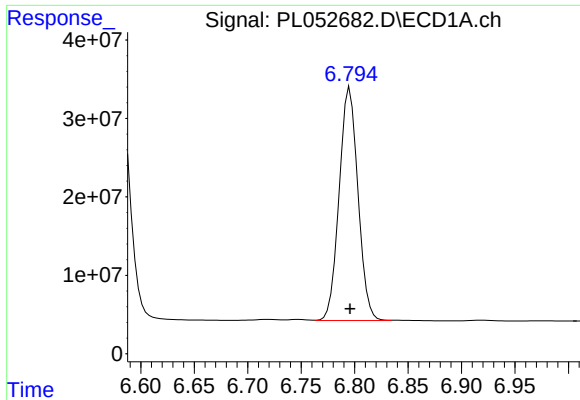
#18 Endrin aldehyde

R.T.: 6.581 min  
Delta R.T.: -0.002 min  
Response: 384591464  
Conc: 49.74 ng/ml m



#18 Endrin aldehyde

R.T.: 7.089 min  
Delta R.T.: 0.004 min  
Response: 106438832  
Conc: 57.38 ng/ml



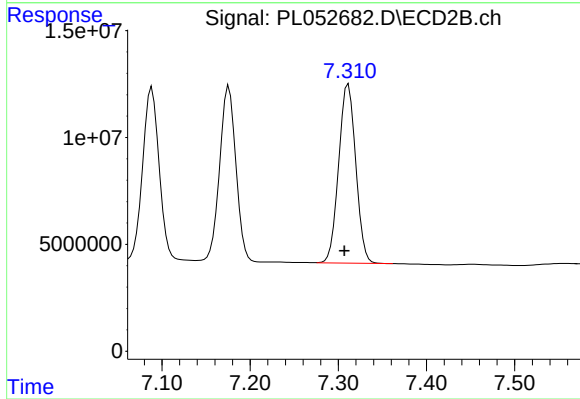
#19 Endosulfan Sulfate

R.T.: 6.794 min  
Delta R.T.: -0.002 min  
Response: 363560148  
Conc: 43.83 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

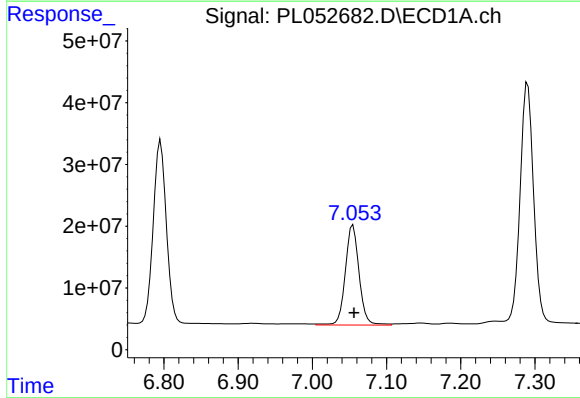
Manual Integrations  
APPROVED

Ankita  
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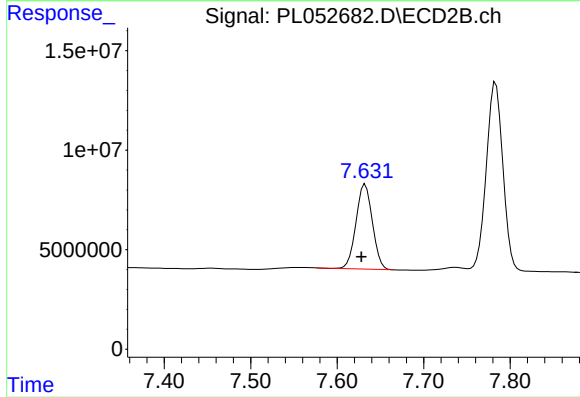
#19 Endosulfan Sulfate

R.T.: 7.311 min  
Delta R.T.: 0.004 min  
Response: 112706052  
Conc: 54.87 ng/ml



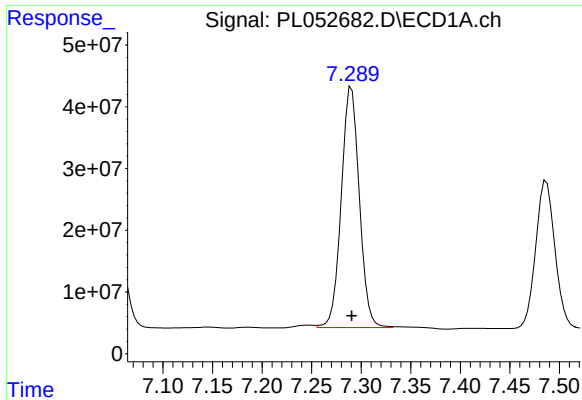
#20 Methoxychlor

R.T.: 7.055 min  
Delta R.T.: -0.001 min  
Response: 208919605  
Conc: 51.67 ng/ml



#20 Methoxychlor

R.T.: 7.632 min  
Delta R.T.: 0.004 min  
Response: 56077001  
Conc: 55.34 ng/ml



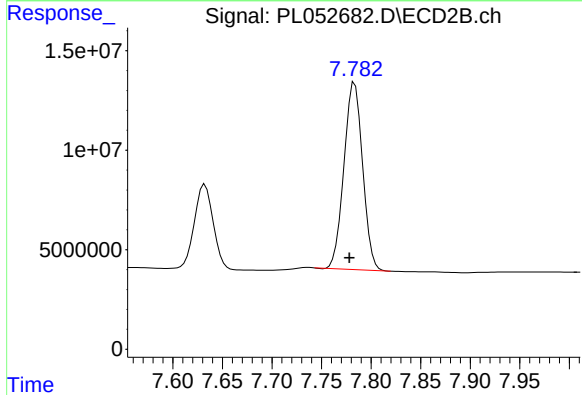
#21 Endrin ketone

R.T.: 7.289 min  
Delta R.T.: -0.002 min  
Response: 494534277  
Conc: 47.63 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

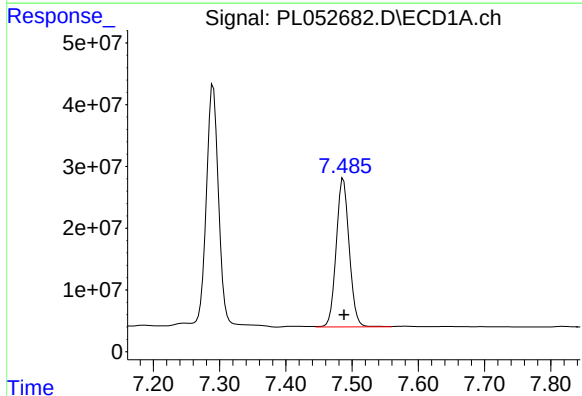
Manual Integrations  
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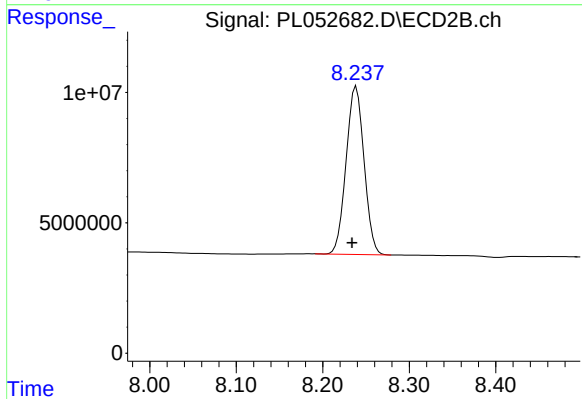
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.005 min  
Response: 122910818  
Conc: 55.35 ng/ml



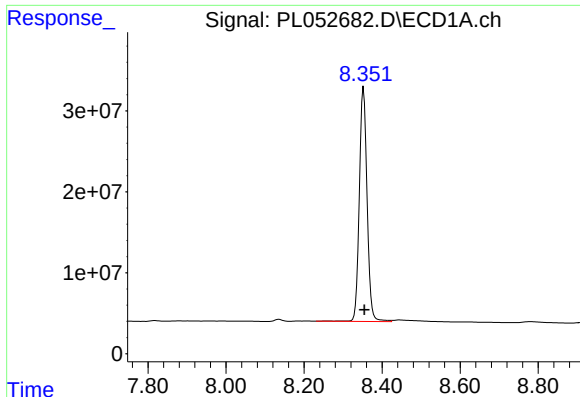
#22 Mirex

R.T.: 7.487 min  
Delta R.T.: -0.001 min  
Response: 328411322  
Conc: 42.94 ng/ml



#22 Mirex

R.T.: 8.239 min  
Delta R.T.: 0.005 min  
Response: 92461067  
Conc: 54.03 ng/ml



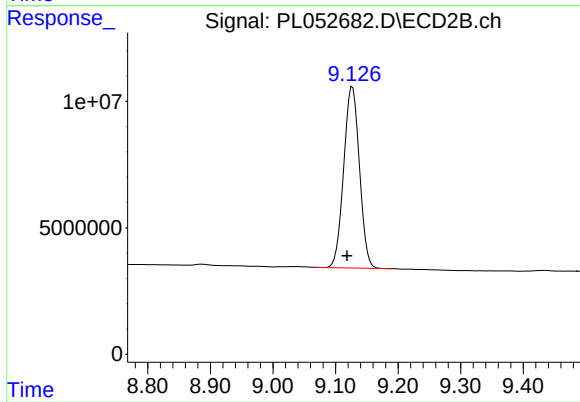
#28 Decachlorobiphenyl

R.T.: 8.352 min  
Delta R.T.: -0.002 min  
Response: 397790584  
Conc: 45.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.127 min  
Delta R.T.: 0.009 min  
Response: 125508727  
Conc: 52.41 ng/ml