

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051919\  
 Data File : PL048736.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2019 15:51  
 Operator : SM\AJ  
 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: May 20 04:53:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 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... | 3.326 | 3.939 | 467.4E6 | 129.7E6  | 48.252  | 52.083 |
| 2)                          | SA Decachlor... | 7.995 | 8.975 | 527.5E6 | 146.3E6  | 52.465  | 55.132 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.754 | 4.327 | 765.7E6 | 190.4E6  | 49.506  | 54.220 |
| 3)                          | MA gamma-BHC... | 4.030 | 4.610 | 704.7E6 | 174.4E6  | 49.596  | 53.393 |
| 4)                          | MA Heptachlor   | 4.315 | 5.114 | 737.0E6 | 183.4E6  | 50.098  | 52.977 |
| 5)                          | MB Aldrin       | 4.554 | 5.417 | 685.8E6 | 164.0E6  | 50.054  | 52.961 |
| 6)                          | B beta-BHC      | 4.284 | 4.785 | 286.8E6 | 80265813 | 48.598  | 51.584 |
| 7)                          | B delta-BHC     | 4.478 | 4.999 | 712.8E6 | 145.9E6  | 50.488  | 51.611 |
| 8)                          | B Heptachlo...  | 4.990 | 5.803 | 570.4E6 | 141.7E6  | 44.273  | 48.583 |
| 9)                          | A Endosulfan I  | 5.321 | 6.158 | 587.7E6 | 144.9E6  | 48.853  | 51.229 |
| 10)                         | B gamma-Chl...  | 5.213 | 6.037 | 647.6E6 | 158.4E6  | 48.501  | 51.463 |
| 11)                         | B alpha-Chl...  | 5.269 | 6.109 | 635.3E6 | 156.2E6  | 48.594  | 50.909 |
| 12)                         | B 4,4'-DDE      | 5.437 | 6.269 | 619.9E6 | 146.3E6  | 48.866  | 53.004 |
| 13)                         | MA Dieldrin     | 5.560 | 6.415 | 645.5E6 | 153.1E6  | 49.572  | 52.174 |
| 14)                         | MA Endrin       | 5.813 | 6.632 | 599.8E6 | 133.1E6  | 49.271  | 51.059 |
| 15)                         | B Endosulfa...  | 6.088 | 6.843 | 555.4E6 | 137.3E6  | 48.129  | 50.914 |
| 16)                         | A 4,4'-DDD      | 5.948 | 6.759 | 476.8E6 | 118.3E6  | 48.978  | 52.713 |
| 17)                         | MA 4,4'-DDT     | 6.182 | 7.056 | 494.0E6 | 122.5E6  | 49.173  | 52.182 |
| 18)                         | B Endrin al...  | 6.255 | 6.967 | 475.9E6 | 117.2E6  | 48.968  | 50.006 |
| 19)                         | B Endosulfa...  | 6.466 | 7.190 | 502.7E6 | 130.4E6  | 46.837  | 50.392 |
| 20)                         | A Methoxychlor  | 6.728 | 7.516 | 254.2E6 | 70618872 | 46.684  | 51.729 |
| 21)                         | B Endrin ke...  | 6.949 | 7.658 | 571.2E6 | 136.6E6  | 49.009  | 52.295 |
| 22)                         | Mirex           | 7.121 | 8.109 | 397.2E6 | 108.9E6  | 44.308m | 51.637 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051919\  
Data File : PL048736.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 May 2019 15:51  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

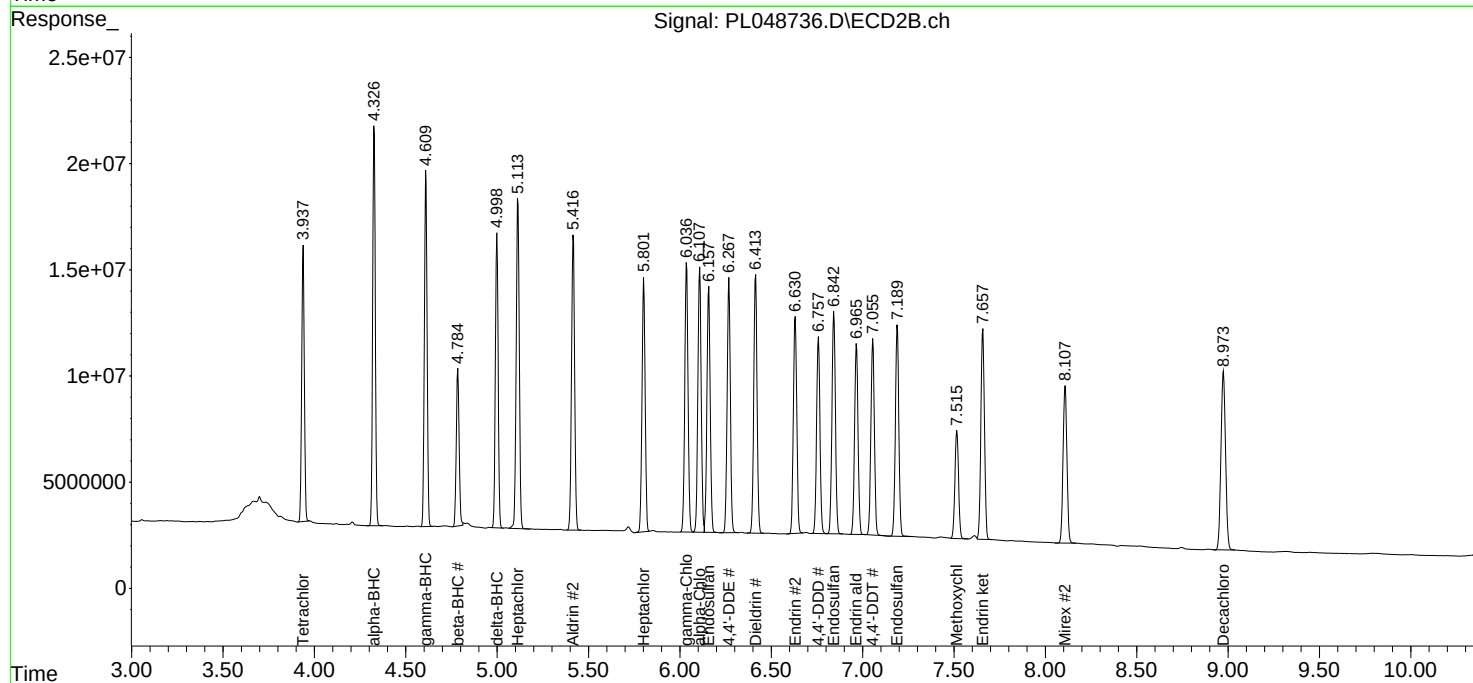
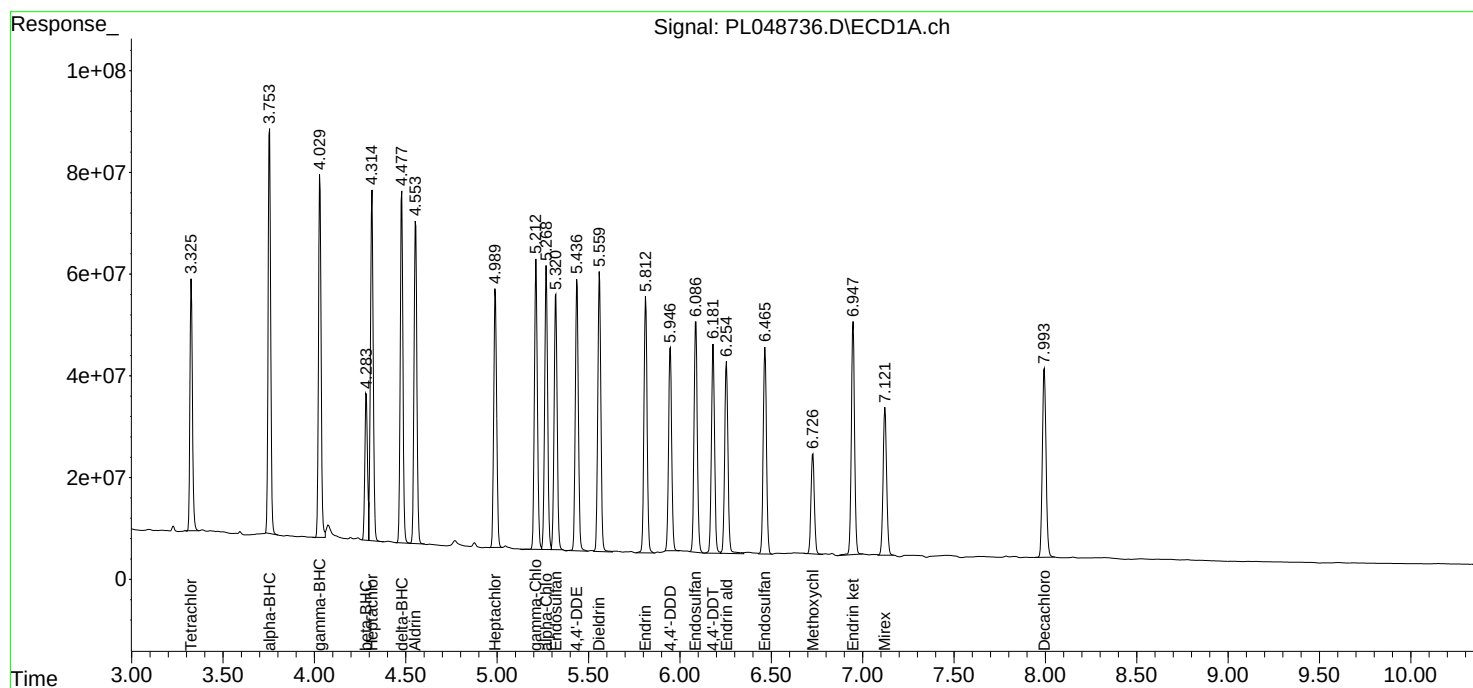
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

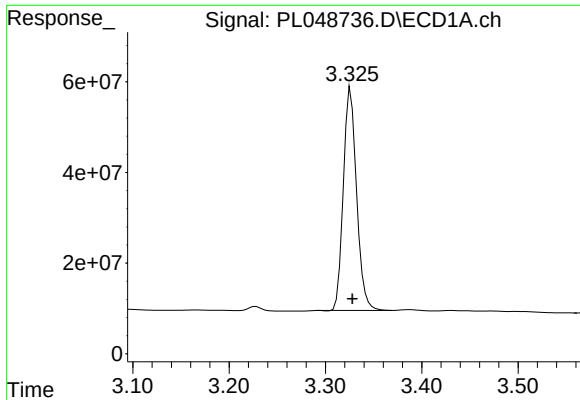
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 04:53:54 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 2019  
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





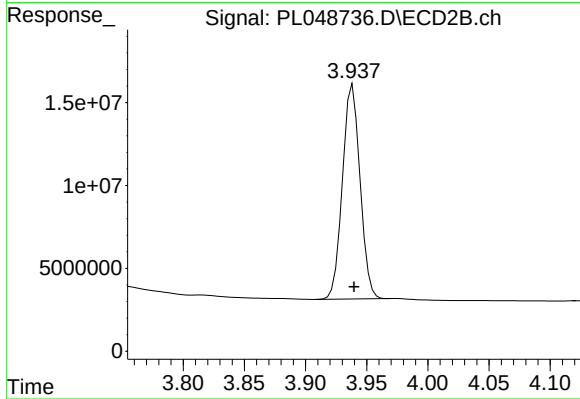
#1 Tetrachloro-m-xylene

R.T.: 3.326 min  
Delta R.T.: -0.002 min  
Response: 467408345  
Conc: 48.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

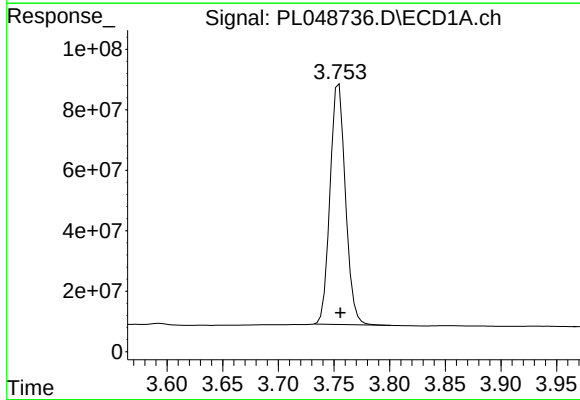
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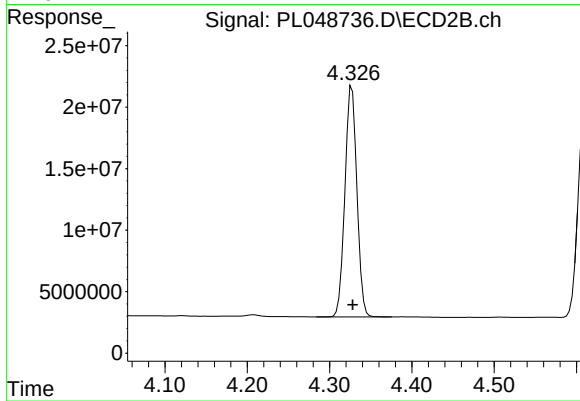
#1 Tetrachloro-m-xylene

R.T.: 3.939 min  
Delta R.T.: -0.001 min  
Response: 129733574  
Conc: 52.08 ng/ml



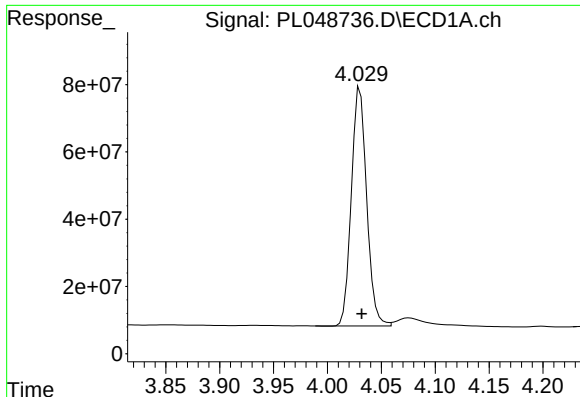
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.001 min  
Response: 765727205  
Conc: 49.51 ng/ml



#2 alpha-BHC

R.T.: 4.327 min  
Delta R.T.: -0.001 min  
Response: 190421818  
Conc: 54.22 ng/ml



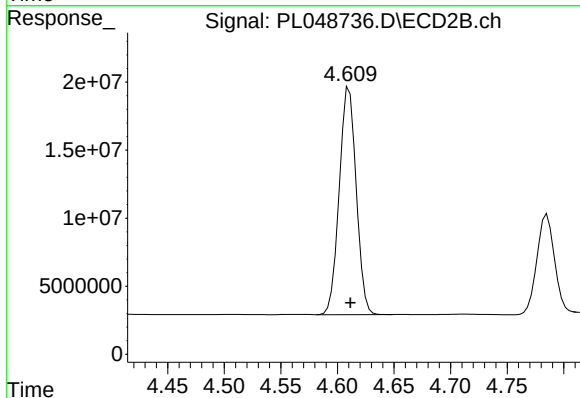
#3 gamma-BHC (Lindane)

R.T.: 4.030 min  
Delta R.T.: -0.002 min  
Response: 704718909  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

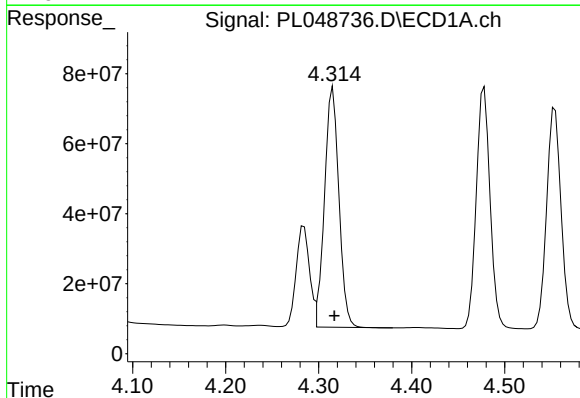
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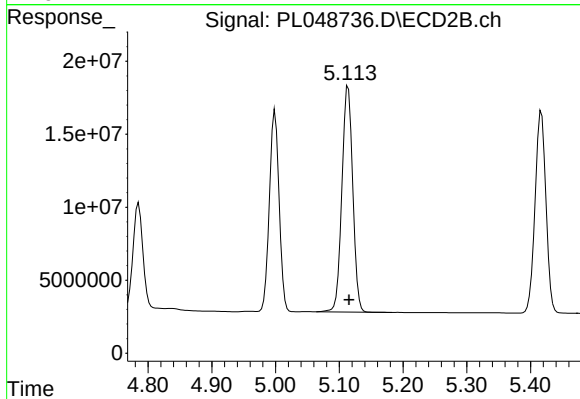
#3 gamma-BHC (Lindane)

R.T.: 4.610 min  
Delta R.T.: -0.001 min  
Response: 174388683  
Conc: 53.39 ng/ml



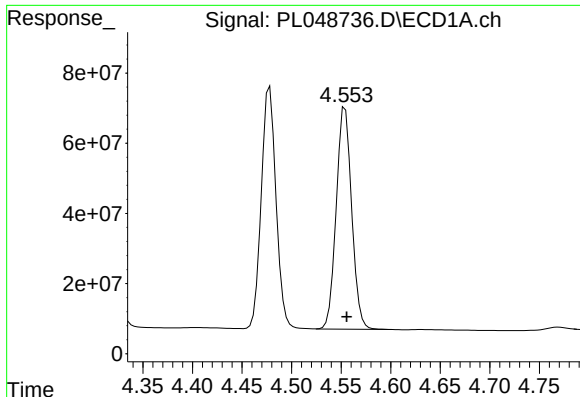
#4 Heptachlor

R.T.: 4.315 min  
Delta R.T.: -0.002 min  
Response: 737048964  
Conc: 50.10 ng/ml



#4 Heptachlor

R.T.: 5.114 min  
Delta R.T.: -0.002 min  
Response: 183398350  
Conc: 52.98 ng/ml



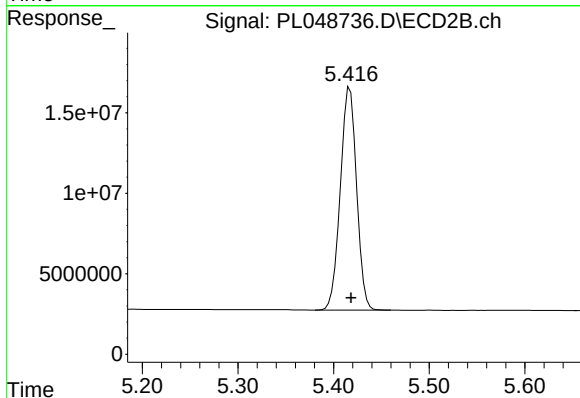
#5 Aldrin

R.T.: 4.554 min  
Delta R.T.: -0.002 min  
Response: 685822800  
Conc: 50.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

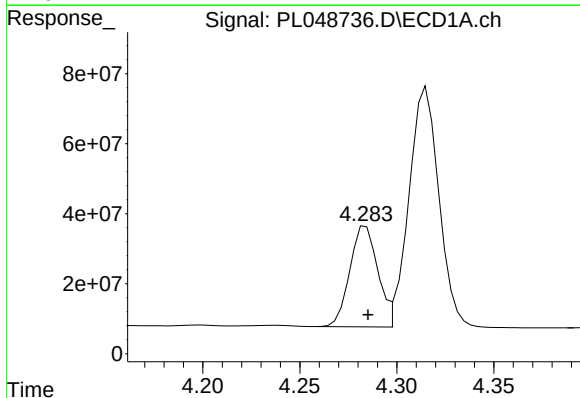
Manual Integrations  
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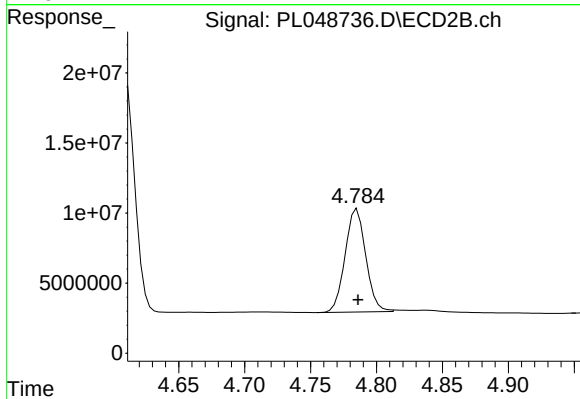
#5 Aldrin

R.T.: 5.417 min  
Delta R.T.: -0.001 min  
Response: 163999776  
Conc: 52.96 ng/ml



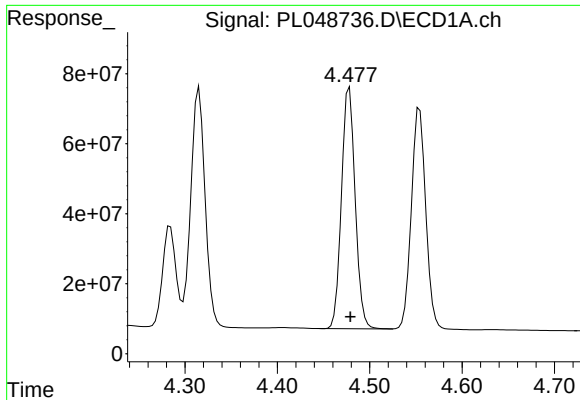
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 286802676  
Conc: 48.60 ng/ml



#6 beta-BHC

R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 80265813  
Conc: 51.58 ng/ml



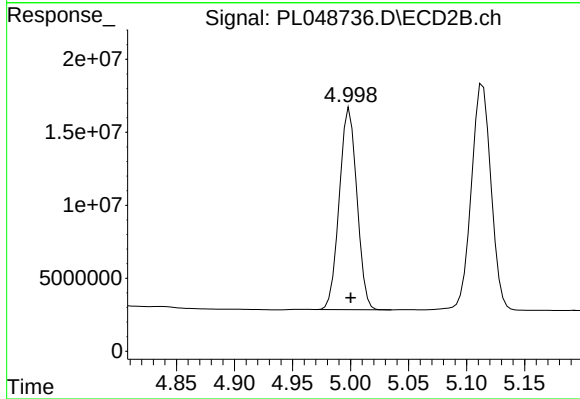
#7 delta-BHC

R.T.: 4.478 min  
Delta R.T.: -0.001 min  
Response: 712832331  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

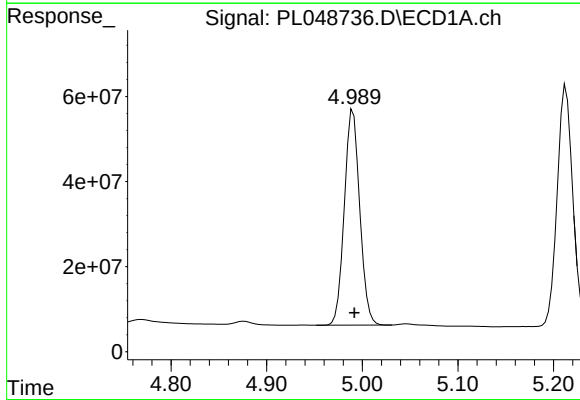
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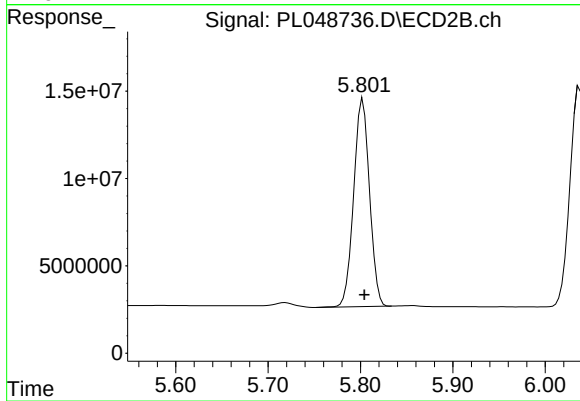
#7 delta-BHC

R.T.: 4.999 min  
Delta R.T.: 0.000 min  
Response: 145949822  
Conc: 51.61 ng/ml



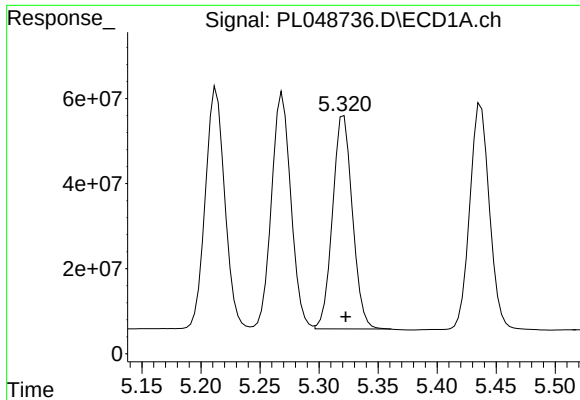
#8 Heptachlor epoxide

R.T.: 4.990 min  
Delta R.T.: -0.001 min  
Response: 570440289  
Conc: 44.27 ng/ml



#8 Heptachlor epoxide

R.T.: 5.803 min  
Delta R.T.: -0.002 min  
Response: 141703253  
Conc: 48.58 ng/ml



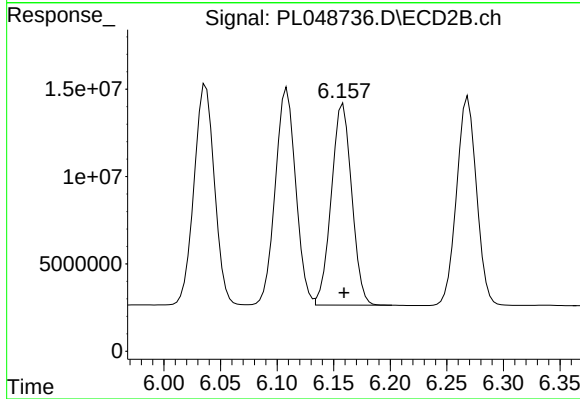
#9 Endosulfan I

R.T.: 5.321 min  
Delta R.T.: -0.002 min  
Response: 587692070  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

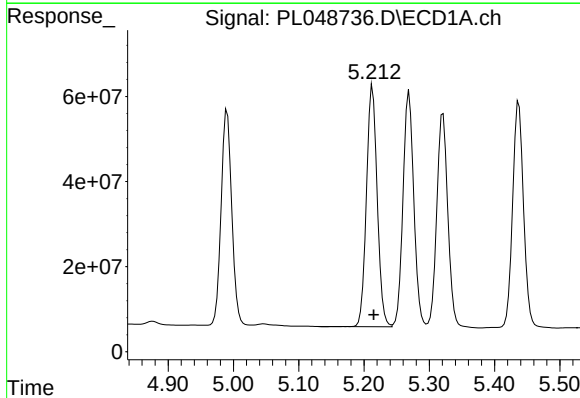
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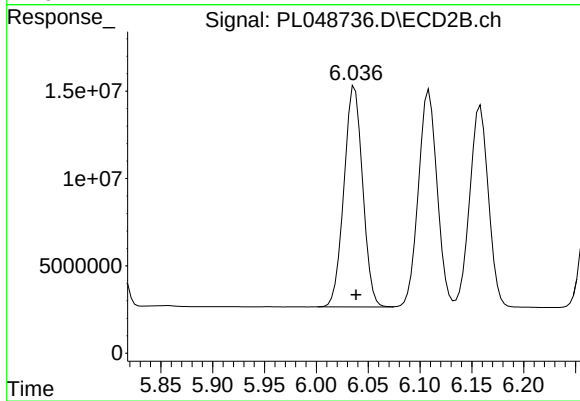
#9 Endosulfan I

R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 144850815  
Conc: 51.23 ng/ml



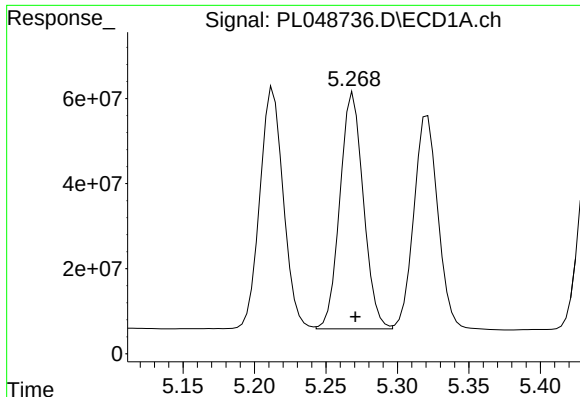
#10 gamma-Chlordane

R.T.: 5.213 min  
Delta R.T.: -0.002 min  
Response: 647601597  
Conc: 48.50 ng/ml



#10 gamma-Chlordane

R.T.: 6.037 min  
Delta R.T.: -0.001 min  
Response: 158435745  
Conc: 51.46 ng/ml



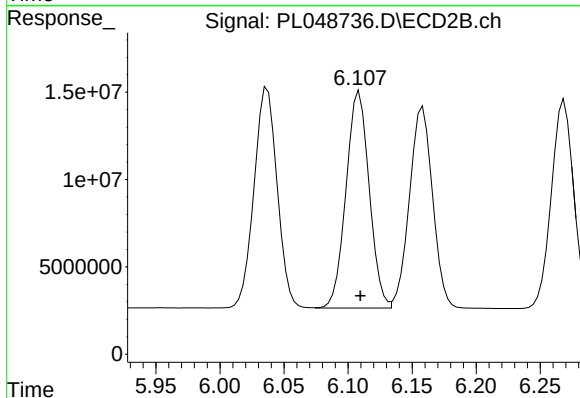
#11 alpha-Chlordane

R.T.: 5.269 min  
Delta R.T.: -0.002 min  
Response: 635303249  
Conc: 48.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

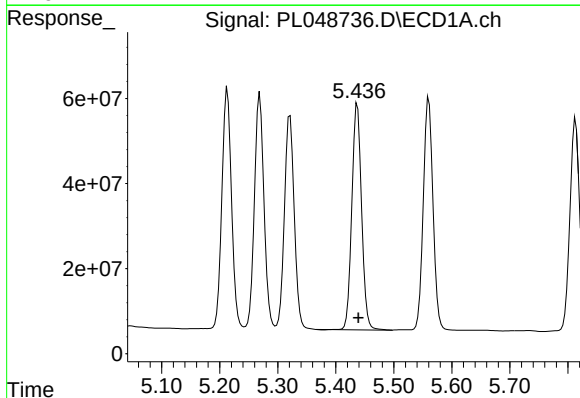
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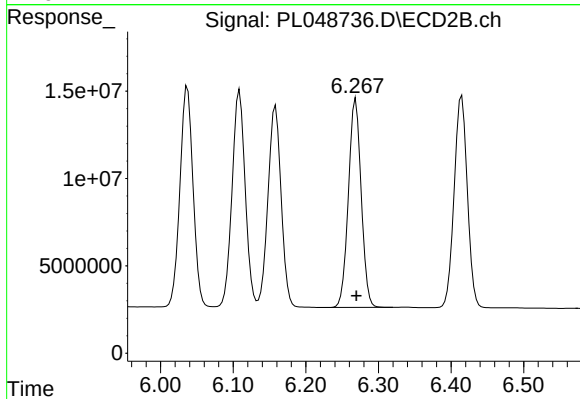
#11 alpha-Chlordane

R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 156202356  
Conc: 50.91 ng/ml



#12 4,4'-DDE

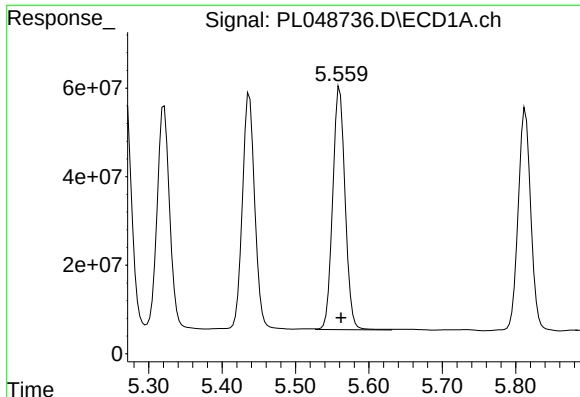
R.T.: 5.437 min  
Delta R.T.: -0.002 min  
Response: 619883861  
Conc: 48.87 ng/ml



#12 4,4'-DDE

R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 146338531  
Conc: 53.00 ng/ml





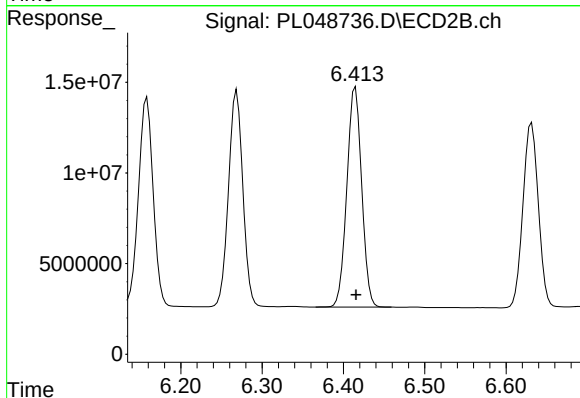
#13 Dieldrin

R.T.: 5.560 min  
Delta R.T.: -0.002 min  
Response: 645461852  
Conc: 49.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

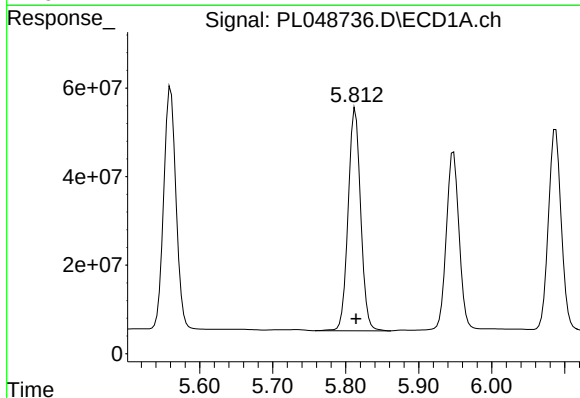
Manual Integrations  
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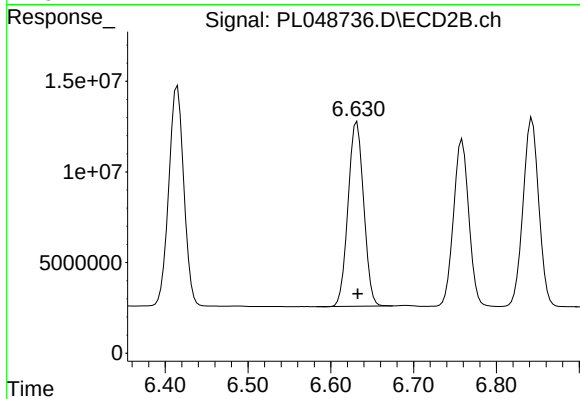
#13 Dieldrin

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 153060104  
Conc: 52.17 ng/ml



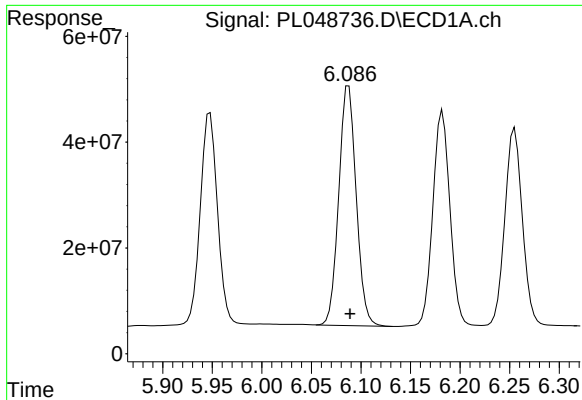
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.001 min  
Response: 599821440  
Conc: 49.27 ng/ml



#14 Endrin

R.T.: 6.632 min  
Delta R.T.: 0.000 min  
Response: 133131413  
Conc: 51.06 ng/ml



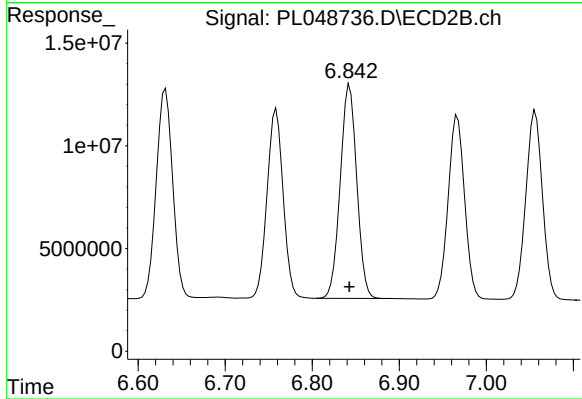
#15 Endosulfan II

R.T.: 6.088 min  
Delta R.T.: -0.002 min  
Response: 555435103  
Conc: 48.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

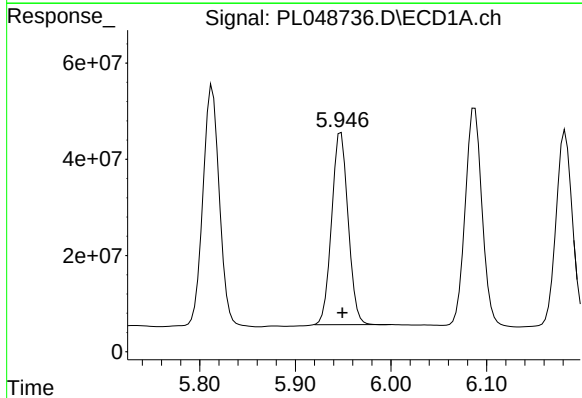
Manual Integrations  
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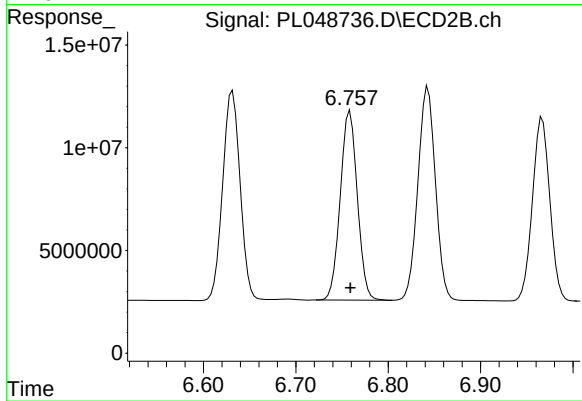
#15 Endosulfan II

R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 137294751  
Conc: 50.91 ng/ml



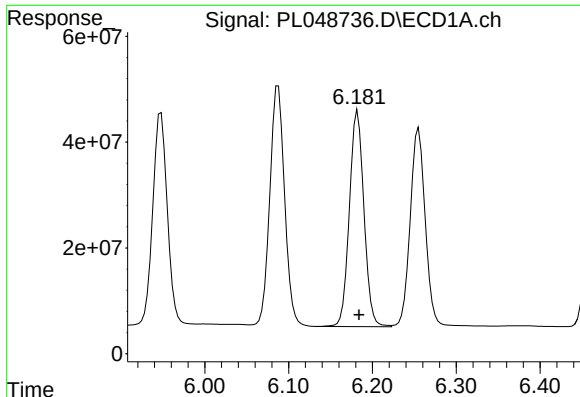
#16 4,4'-DDD

R.T.: 5.948 min  
Delta R.T.: -0.001 min  
Response: 476751674  
Conc: 48.98 ng/ml



#16 4,4'-DDD

R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 118290220  
Conc: 52.71 ng/ml



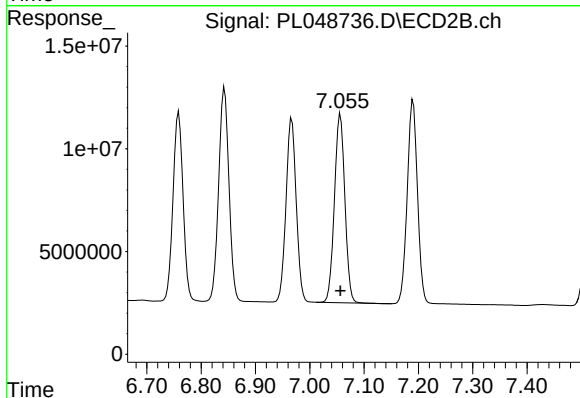
#17 4,4'-DDT

R.T.: 6.182 min  
Delta R.T.: -0.002 min  
Response: 494019222  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

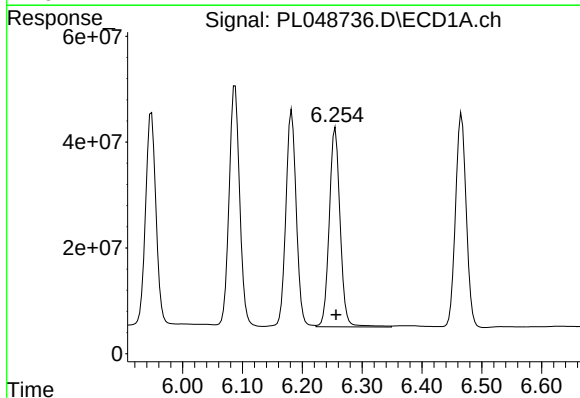
Manual Integrations  
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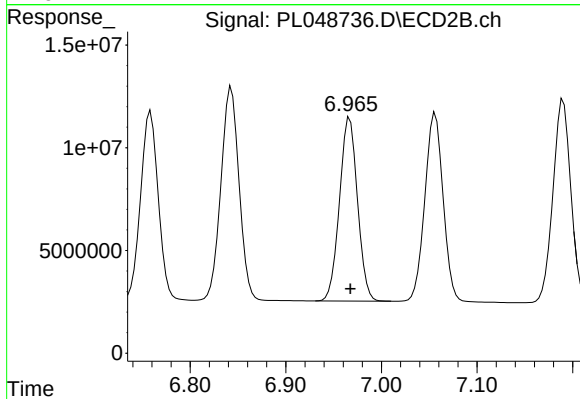
#17 4,4'-DDT

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 122451203  
Conc: 52.18 ng/ml



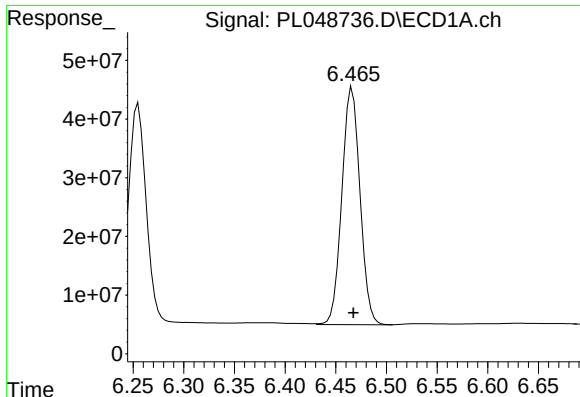
#18 Endrin aldehyde

R.T.: 6.255 min  
Delta R.T.: 0.000 min  
Response: 475884036  
Conc: 48.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.967 min  
Delta R.T.: 0.000 min  
Response: 117187621  
Conc: 50.01 ng/ml



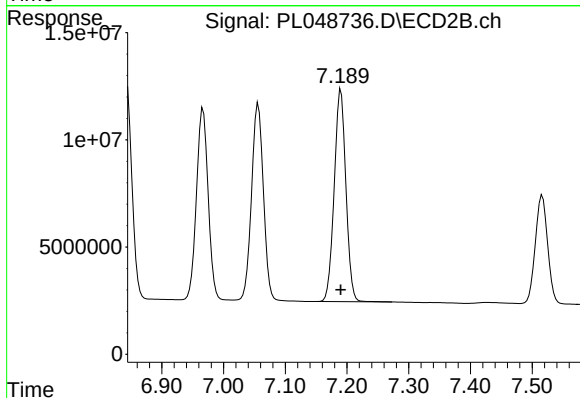
#19 Endosulfan Sulfate

R.T.: 6.466 min  
Delta R.T.: -0.001 min  
Response: 502689003  
Conc: 46.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

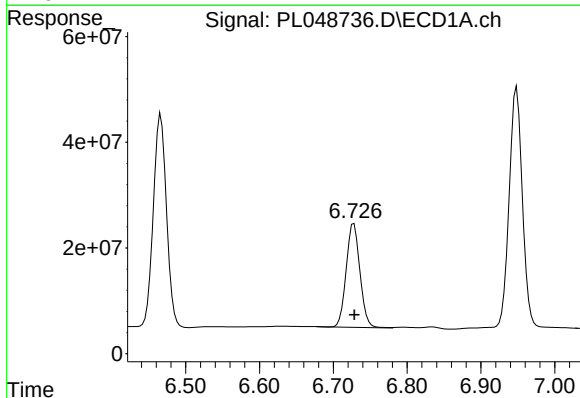
Manual Integrations  
APPROVED

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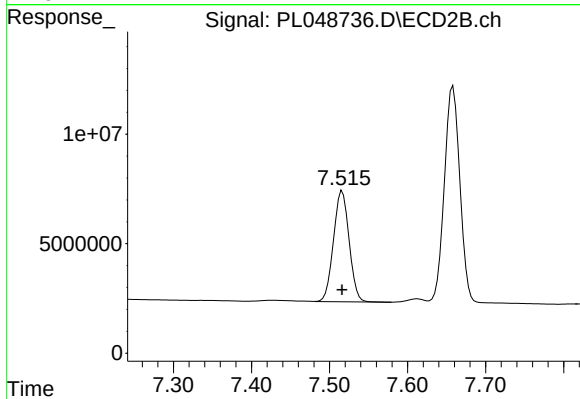
#19 Endosulfan Sulfate

R.T.: 7.190 min  
Delta R.T.: 0.000 min  
Response: 130424743  
Conc: 50.39 ng/ml



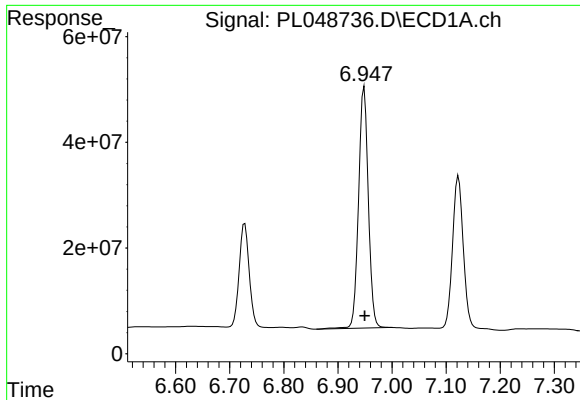
#20 Methoxychlor

R.T.: 6.728 min  
Delta R.T.: -0.001 min  
Response: 254182487  
Conc: 46.68 ng/ml



#20 Methoxychlor

R.T.: 7.516 min  
Delta R.T.: 0.000 min  
Response: 70618872  
Conc: 51.73 ng/ml



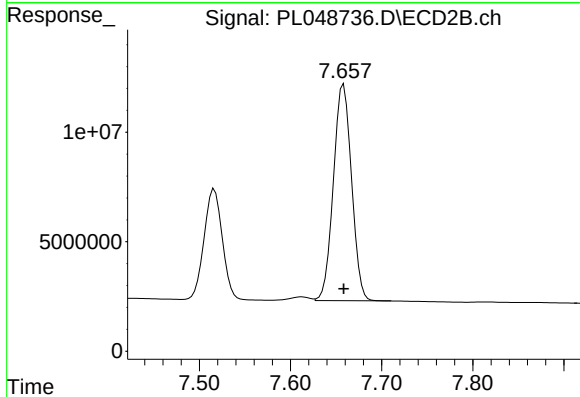
#21 Endrin ketone

R.T.: 6.949 min  
Delta R.T.: -0.001 min  
Response: 571196330  
Conc: 49.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

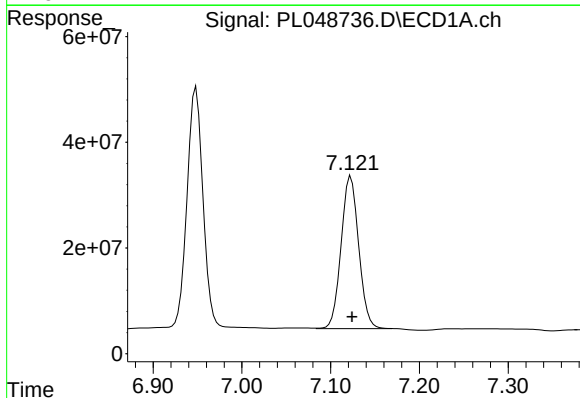
Manual Integrations  
APPROVED

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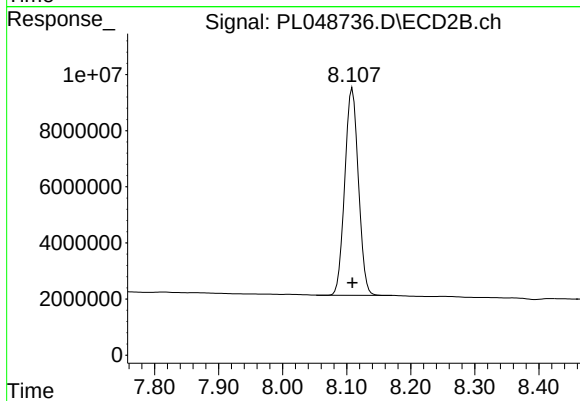
#21 Endrin ketone

R.T.: 7.658 min  
Delta R.T.: 0.000 min  
Response: 136637061  
Conc: 52.30 ng/ml



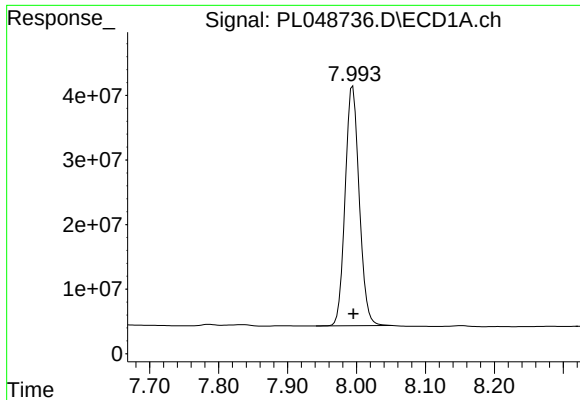
#22 Mirex

R.T.: 7.121 min  
Delta R.T.: -0.003 min  
Response: 397167021  
Conc: 44.31 ng/ml m



#22 Mirex

R.T.: 8.109 min  
Delta R.T.: 0.000 min  
Response: 108896799  
Conc: 51.64 ng/ml



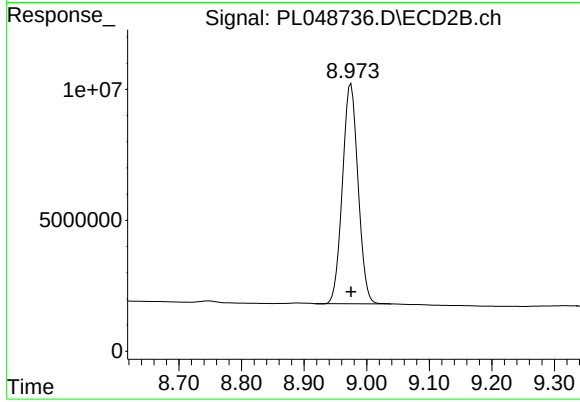
#28 Decachlorobiphenyl

R.T.: 7.995 min  
Delta R.T.: -0.001 min  
Response: 527493735  
Conc: 52.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.975 min  
Delta R.T.: 0.000 min  
Response: 146337461  
Conc: 55.13 ng/ml