

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060520\  
 Data File : PL059166.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2020 19:54  
 Operator : AJ\MA  
 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: Jun 06 00:13:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 2020  
 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... | 3.521 | 4.073 | 90913128 | 133.9E6  | 52.647  | 51.447  |
| 28)                         | SA Decachlor... | 8.294 | 9.182 | 81423768 | 113.0E6  | 49.516  | 47.684  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.962 | 4.465 | 134.4E6  | 198.2E6  | 53.674  | 51.579  |
| 3)                          | MA gamma-BHC... | 4.247 | 4.753 | 116.8E6  | 185.5E6  | 53.276  | 50.839  |
| 4)                          | MA Heptachlor   | 4.553 | 5.267 | 107.2E6  | 171.0E6  | 51.522  | 49.597  |
| 5)                          | MB Aldrin       | 4.804 | 5.575 | 93929839 | 158.1E6  | 52.738  | 50.246  |
| 6)                          | B beta-BHC      | 4.496 | 4.921 | 47929798 | 77754588 | 50.442  | 51.418  |
| 7)                          | B delta-BHC     | 4.703 | 5.141 | 106.7E6  | 170.8E6  | 53.598  | 60.874  |
| 8)                          | B Heptachlo...  | 5.246 | 5.961 | 87244233 | 151.5E6  | 51.075m | 54.688m |
| 9)                          | A Endosulfan I  | 5.588 | 6.321 | 79332610 | 138.2E6  | 50.717  | 49.398  |
| 10)                         | B gamma-Chl...  | 5.474 | 6.195 | 84530069 | 148.2E6  | 50.482m | 49.543m |
| 11)                         | B alpha-Chl...  | 5.534 | 6.270 | 85236938 | 151.1E6  | 51.094  | 49.727  |
| 12)                         | B 4,4'-DDE      | 5.698 | 6.425 | 80327136 | 135.9E6  | 52.823  | 48.810  |
| 13)                         | MA Dieldrin     | 5.832 | 6.579 | 82410996 | 141.6E6  | 50.565  | 48.484  |
| 14)                         | MA Endrin       | 6.090 | 6.798 | 72515300 | 107.1E6  | 47.860  | 43.000  |
| 15)                         | B Endosulfa...  | 6.362 | 7.006 | 78049240 | 125.1E6  | 50.498  | 48.036  |
| 16)                         | A 4,4'-DDD      | 6.214 | 6.916 | 69785381 | 114.9E6  | 52.789  | 49.523  |
| 17)                         | MA 4,4'-DDT     | 6.456 | 7.216 | 63519516 | 103.9E6  | 50.355  | 45.611  |
| 18)                         | B Endrin al...  | 6.530 | 7.130 | 66457732 | 108.6E6  | 50.473  | 47.494  |
| 19)                         | B Endosulfa...  | 6.743 | 7.354 | 75675335 | 118.9E6  | 50.797  | 47.437  |
| 20)                         | A Methoxychlor  | 7.001 | 7.672 | 37794677 | 58350032 | 49.203  | 44.250  |
| 21)                         | B Endrin ke...  | 7.235 | 7.827 | 89504152 | 130.0E6  | 51.546  | 49.548  |
| 22)                         | Mirex           | 7.429 | 8.284 | 68004095 | 94908132 | 49.273  | 48.110  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060520\  
Data File : PL059166.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2020 19:54  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

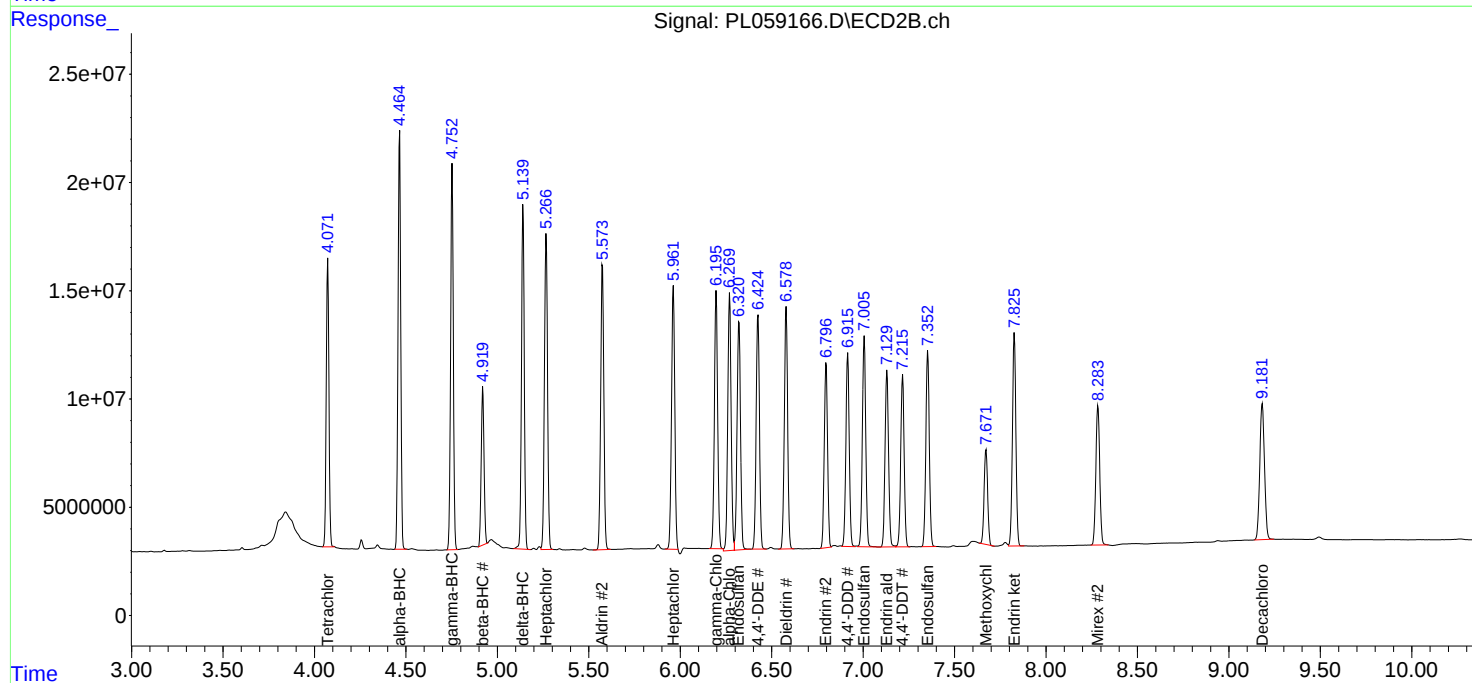
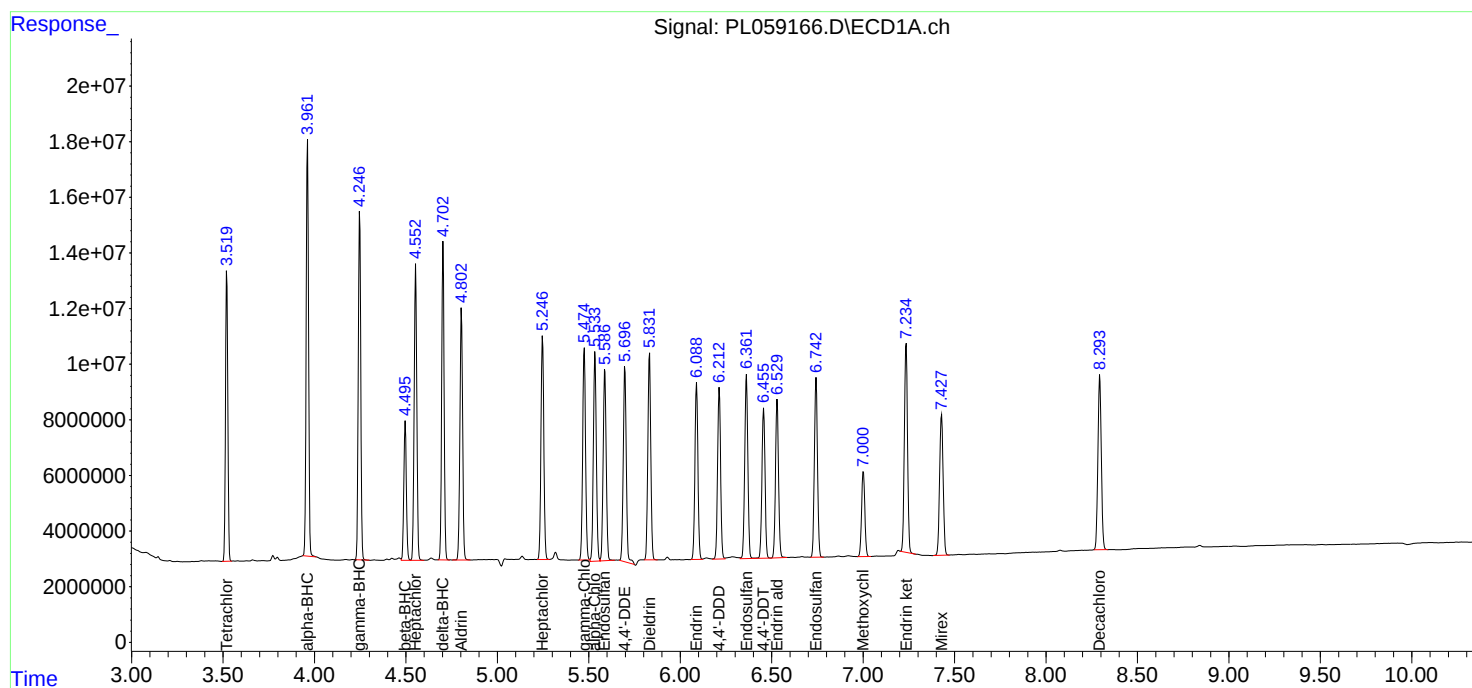
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

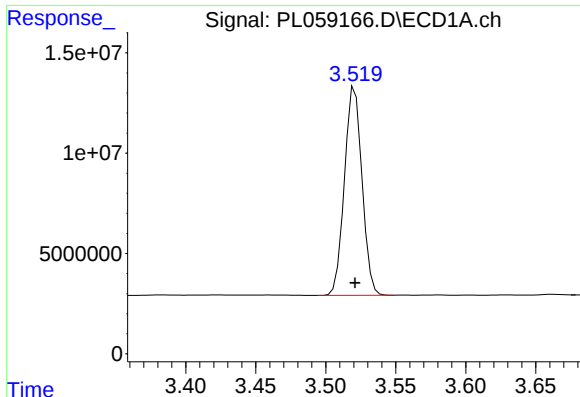
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 06 00:13:20 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 2020  
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





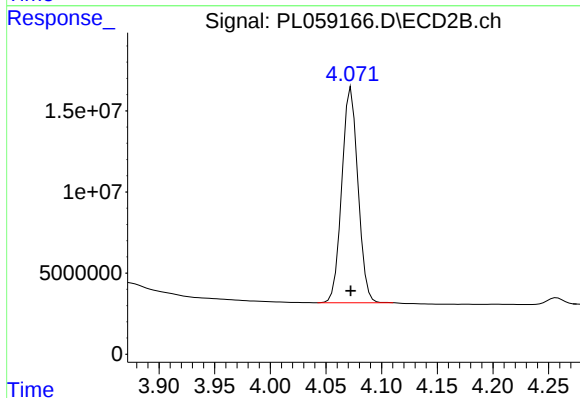
#1 Tetrachloro-m-xylene

R.T.: 3.521 min  
Delta R.T.: 0.000 min  
Response: 90913128  
Conc: 52.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

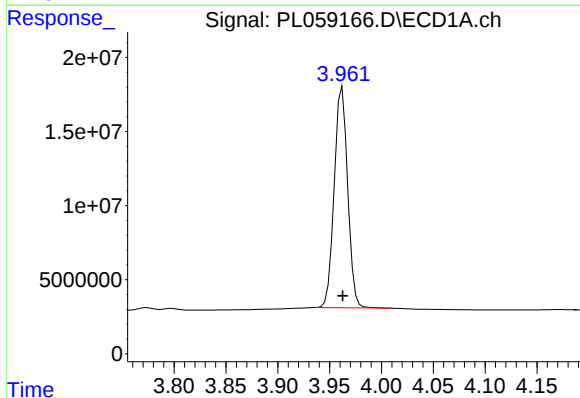
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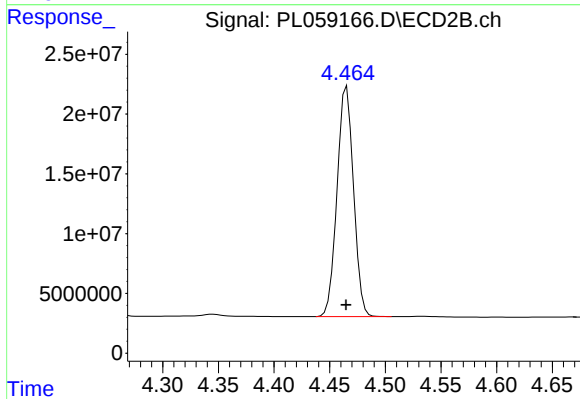
#1 Tetrachloro-m-xylene

R.T.: 4.073 min  
Delta R.T.: 0.000 min  
Response: 133861388  
Conc: 51.45 ng/ml



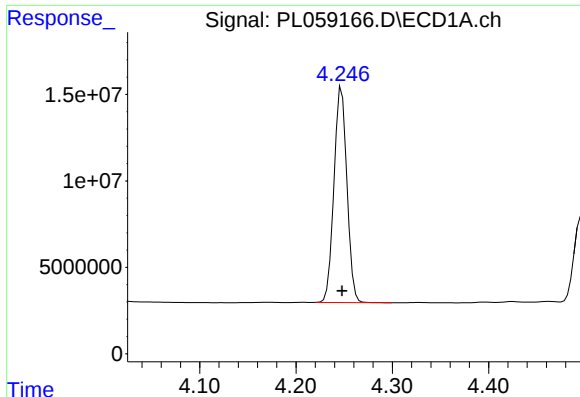
#2 alpha-BHC

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 134365081  
Conc: 53.67 ng/ml



#2 alpha-BHC

R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 198248742  
Conc: 51.58 ng/ml



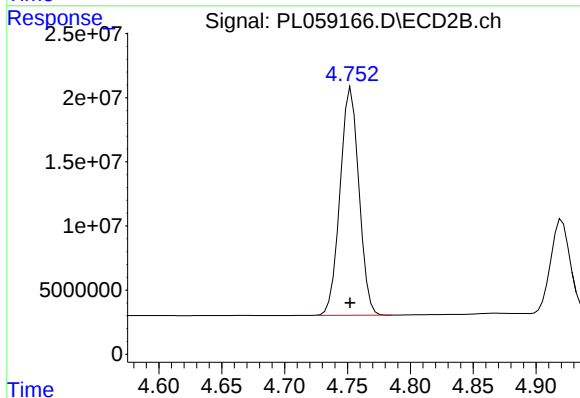
#3 gamma-BHC (Lindane)

R.T.: 4.247 min  
Delta R.T.: 0.000 min  
Response: 116837532  
Conc: 53.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

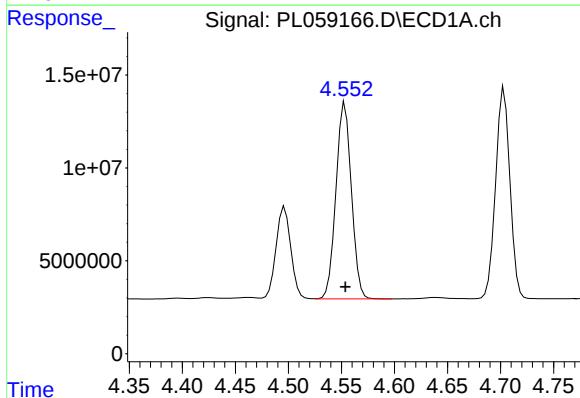
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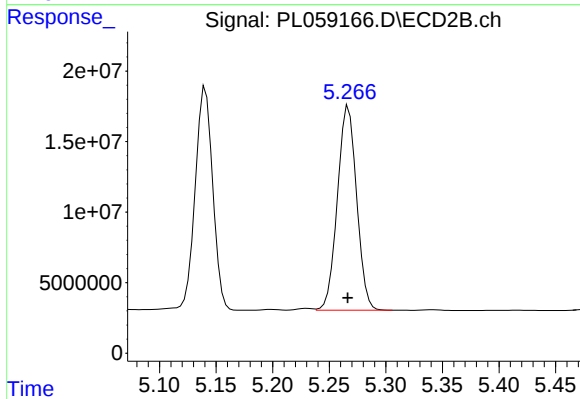
#3 gamma-BHC (Lindane)

R.T.: 4.753 min  
Delta R.T.: 0.000 min  
Response: 185522184  
Conc: 50.84 ng/ml



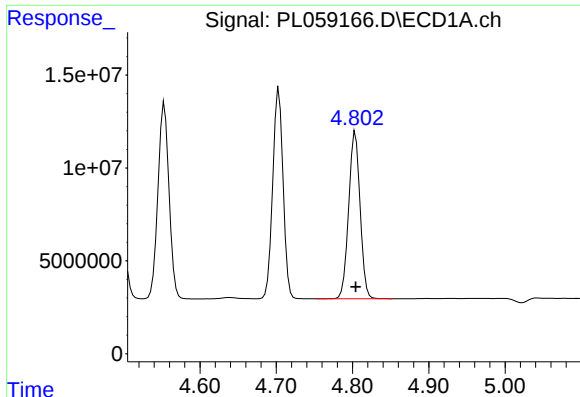
#4 Heptachlor

R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 107199891  
Conc: 51.52 ng/ml



#4 Heptachlor

R.T.: 5.267 min  
Delta R.T.: 0.000 min  
Response: 170995561  
Conc: 49.60 ng/ml



#5 Aldrin

R.T.: 4.804 min

Delta R.T.: 0.000 min

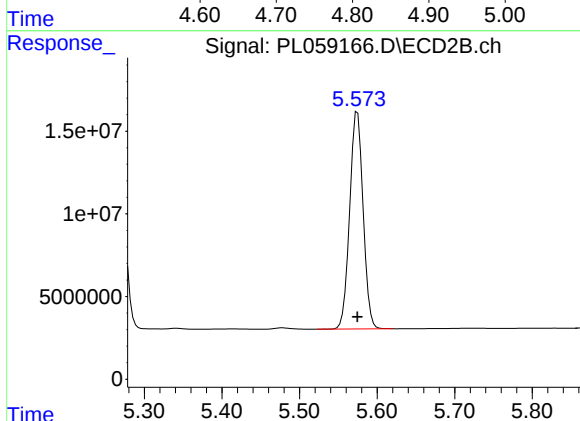
Response: 93929839

Conc: 52.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

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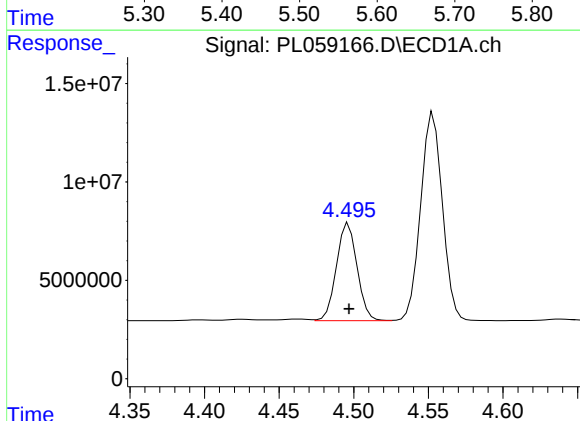
#5 Aldrin

R.T.: 5.575 min

Delta R.T.: 0.000 min

Response: 158132905

Conc: 50.25 ng/ml



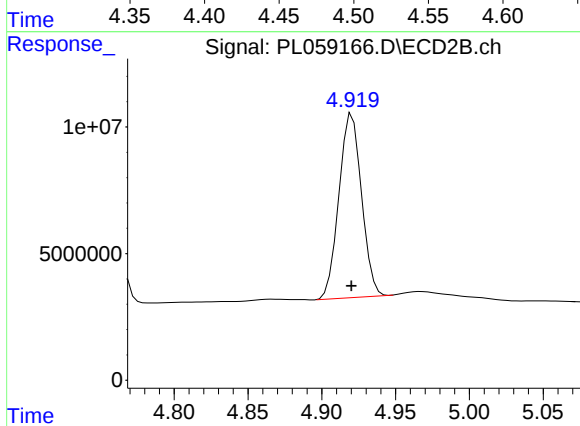
#6 beta-BHC

R.T.: 4.496 min

Delta R.T.: 0.000 min

Response: 47929798

Conc: 50.44 ng/ml



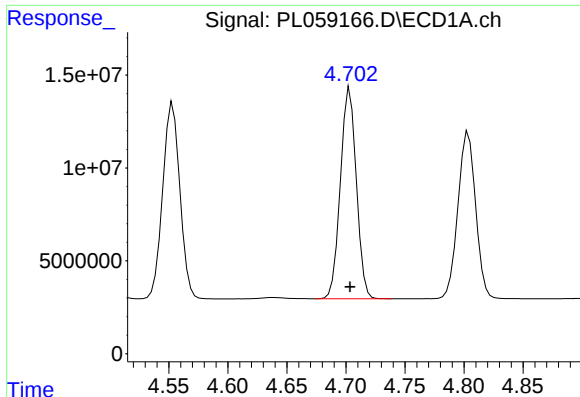
#6 beta-BHC

R.T.: 4.921 min

Delta R.T.: 0.000 min

Response: 77754588

Conc: 51.42 ng/ml



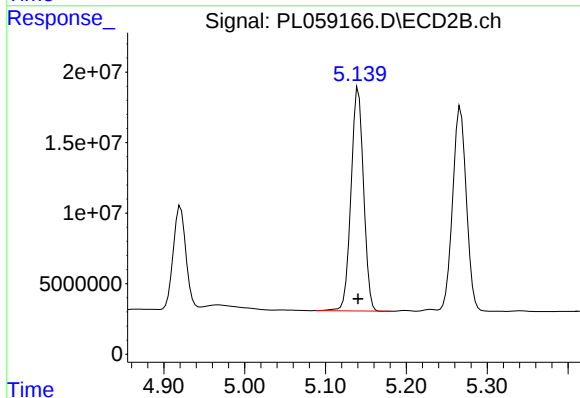
#7 delta-BHC

R.T.: 4.703 min  
Delta R.T.: 0.000 min  
Response: 106667483  
Conc: 53.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

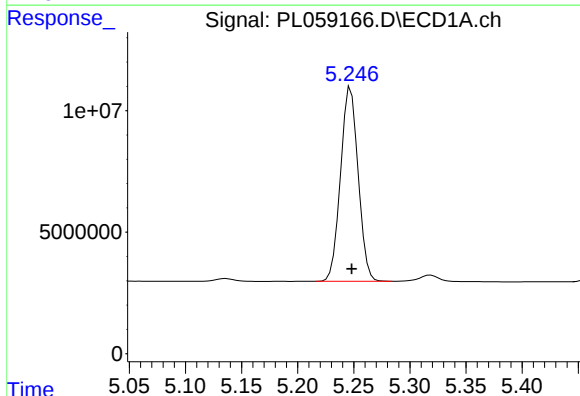
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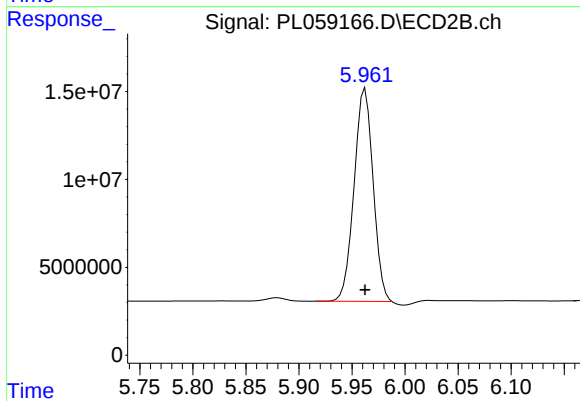
#7 delta-BHC

R.T.: 5.141 min  
Delta R.T.: 0.000 min  
Response: 170761438  
Conc: 60.87 ng/ml



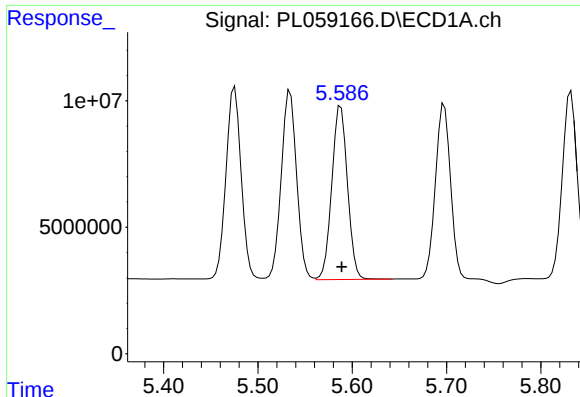
#8 Heptachlor epoxide

R.T.: 5.246 min  
Delta R.T.: -0.002 min  
Response: 87244233  
Conc: 51.08 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.961 min  
Delta R.T.: -0.001 min  
Response: 151485614  
Conc: 54.69 ng/ml m



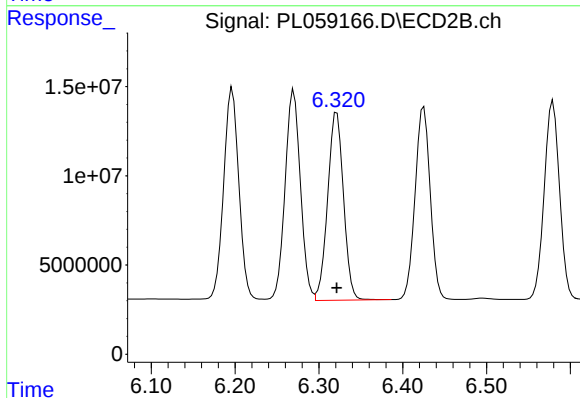
#9 Endosulfan I

R.T.: 5.588 min  
Delta R.T.: -0.001 min  
Response: 79332610  
Conc: 50.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

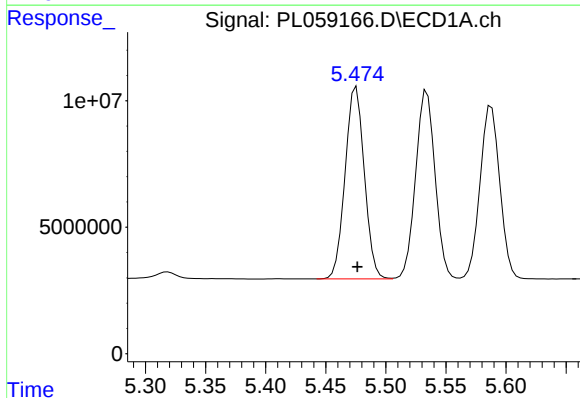
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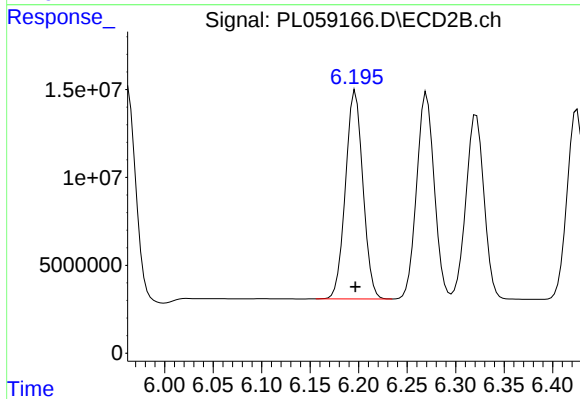
#9 Endosulfan I

R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 138230169  
Conc: 49.40 ng/ml



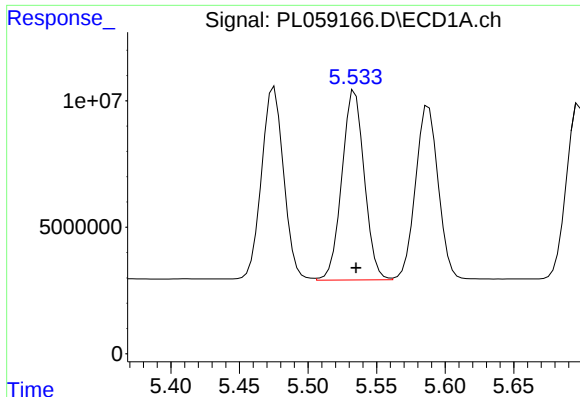
#10 gamma-Chlordane

R.T.: 5.474 min  
Delta R.T.: -0.002 min  
Response: 84530069  
Conc: 50.48 ng/ml m



#10 gamma-Chlordane

R.T.: 6.195 min  
Delta R.T.: -0.001 min  
Response: 148237300  
Conc: 49.54 ng/ml m



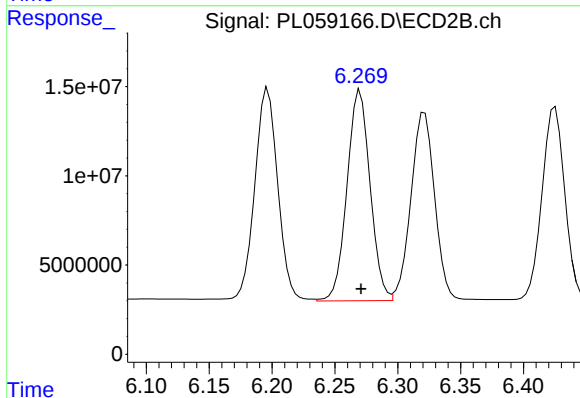
#11 alpha-Chlordane

R.T.: 5.534 min  
Delta R.T.: 0.000 min  
Response: 85236938  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

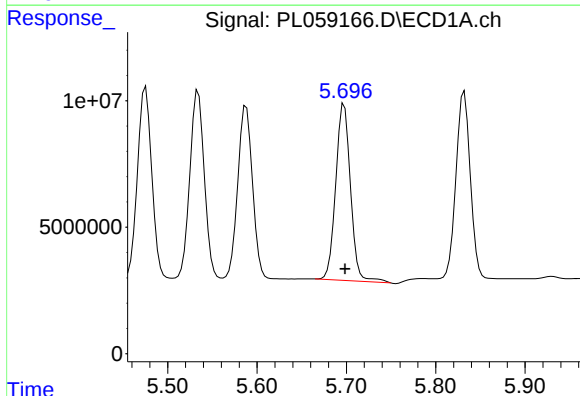
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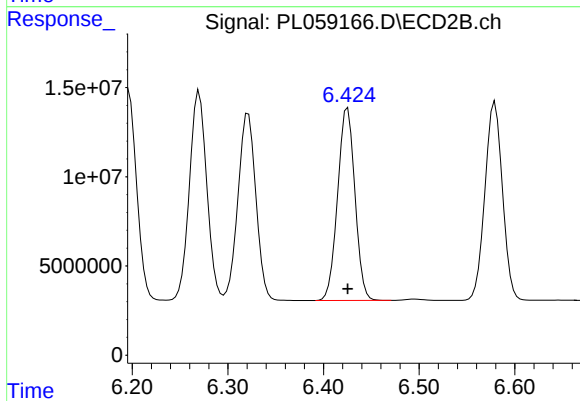
#11 alpha-Chlordane

R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 151133155  
Conc: 49.73 ng/ml



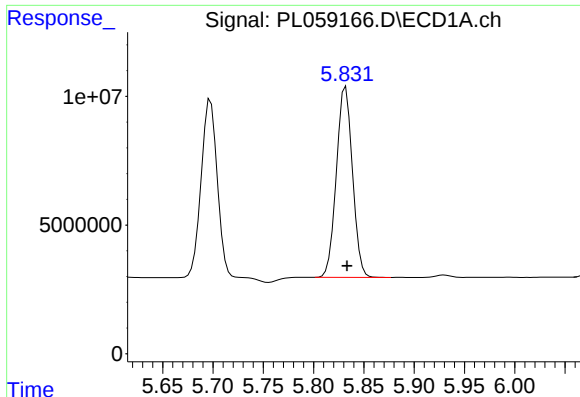
#12 4,4'-DDE

R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 80327136  
Conc: 52.82 ng/ml



#12 4,4'-DDE

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 135867148  
Conc: 48.81 ng/ml



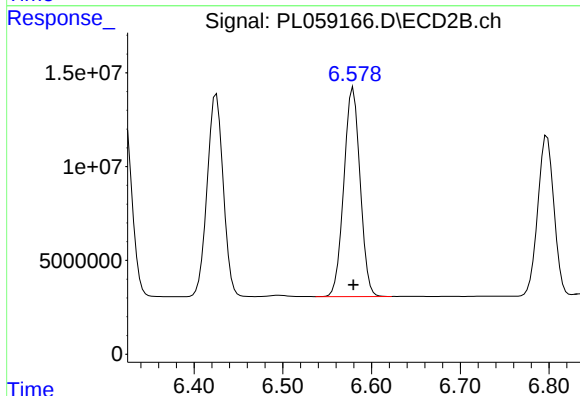
#13 Dieldrin

R.T.: 5.832 min  
Delta R.T.: -0.001 min  
Response: 82410996  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

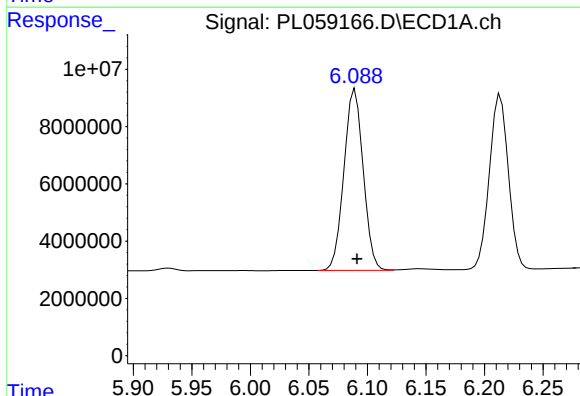
Manual Integrations  
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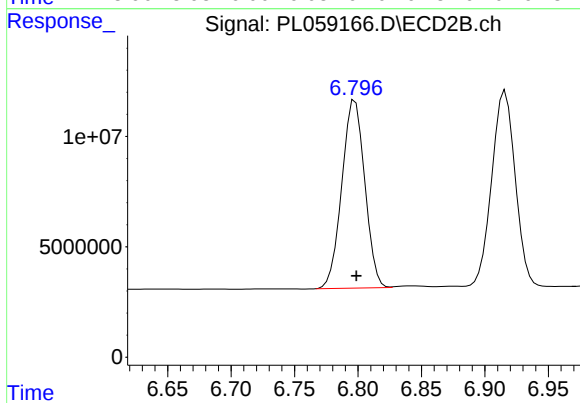
#13 Dieldrin

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 141550762  
Conc: 48.48 ng/ml



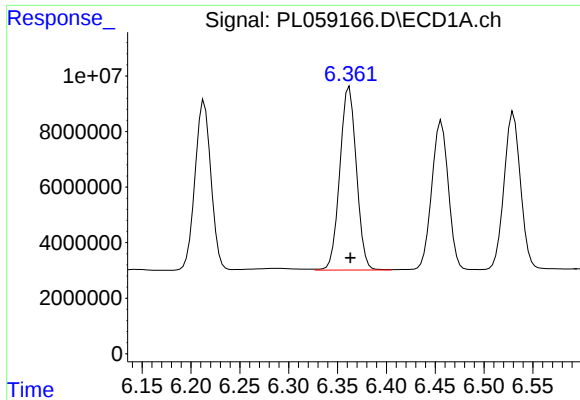
#14 Endrin

R.T.: 6.090 min  
Delta R.T.: -0.002 min  
Response: 72515300  
Conc: 47.86 ng/ml



#14 Endrin

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 107086774  
Conc: 43.00 ng/ml



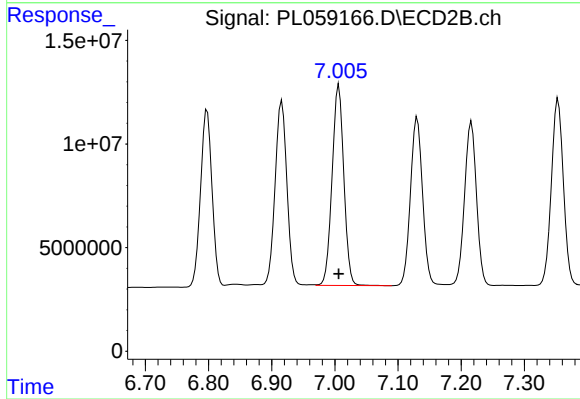
#15 Endosulfan II

R.T.: 6.362 min  
Delta R.T.: 0.000 min  
Response: 78049240  
Conc: 50.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

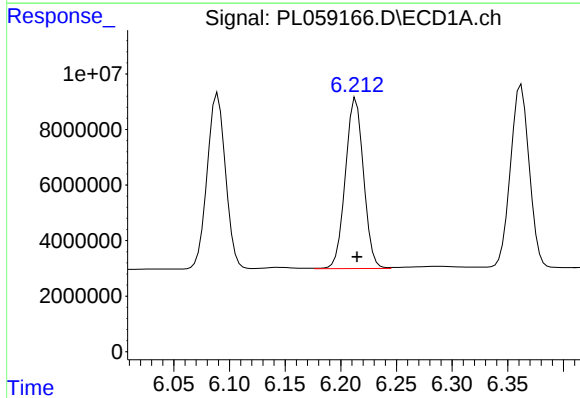
Manual Integrations  
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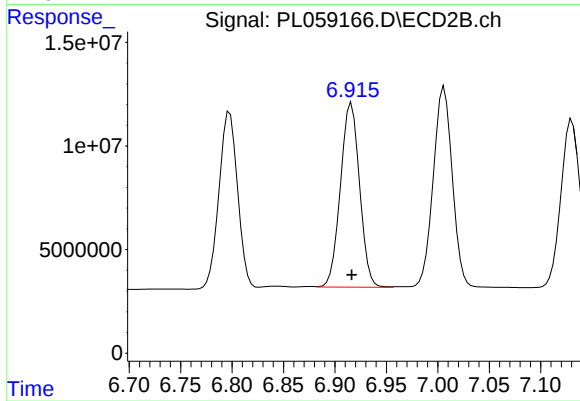
#15 Endosulfan II

R.T.: 7.006 min  
Delta R.T.: 0.000 min  
Response: 125131568  
Conc: 48.04 ng/ml



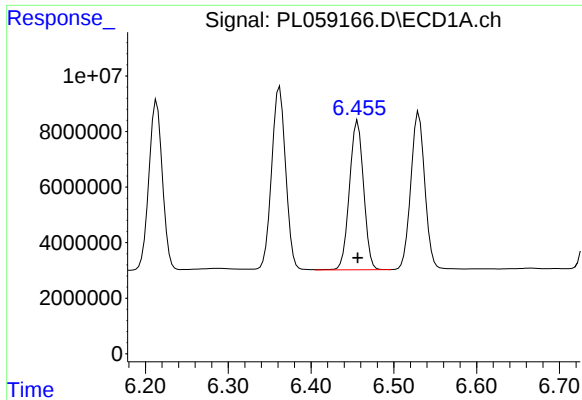
#16 4,4'-DDD

R.T.: 6.214 min  
Delta R.T.: -0.001 min  
Response: 69785381  
Conc: 52.79 ng/ml



#16 4,4'-DDD

R.T.: 6.916 min  
Delta R.T.: 0.000 min  
Response: 114941943  
Conc: 49.52 ng/ml



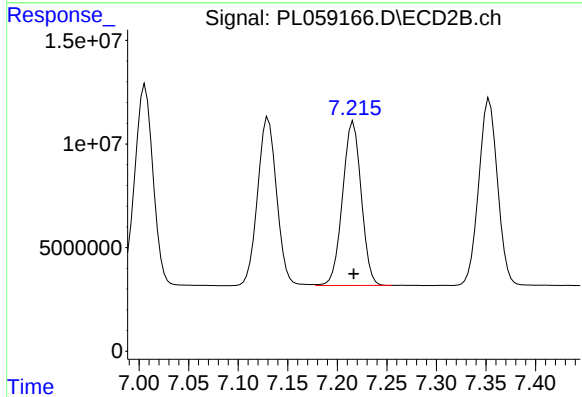
#17 4,4'-DDT

R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 63519516  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

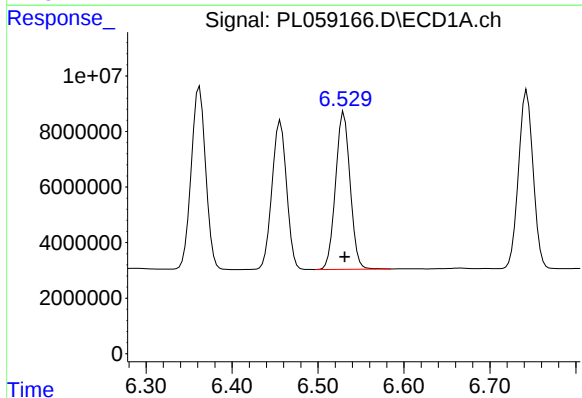
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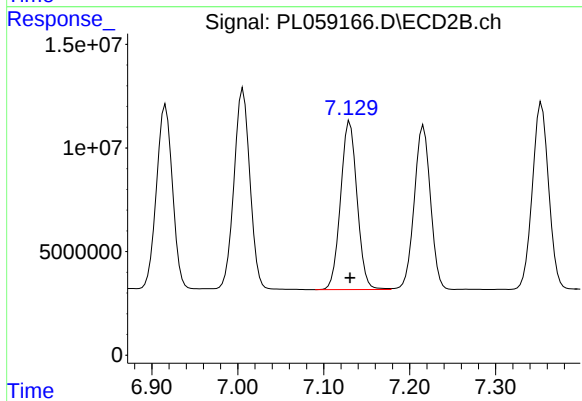
#17 4,4'-DDT

R.T.: 7.216 min  
Delta R.T.: 0.000 min  
Response: 103863750  
Conc: 45.61 ng/ml



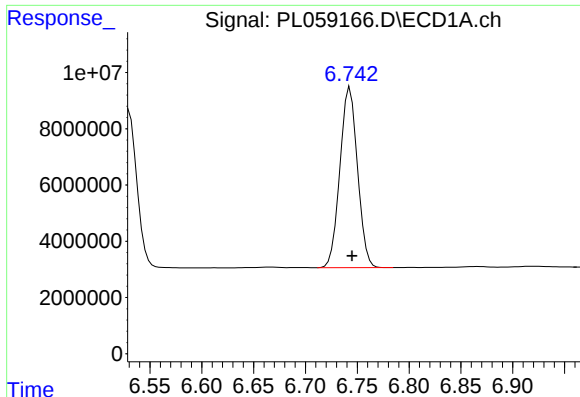
#18 Endrin aldehyde

R.T.: 6.530 min  
Delta R.T.: 0.000 min  
Response: 66457732  
Conc: 50.47 ng/ml



#18 Endrin aldehyde

R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 108575303  
Conc: 47.49 ng/ml



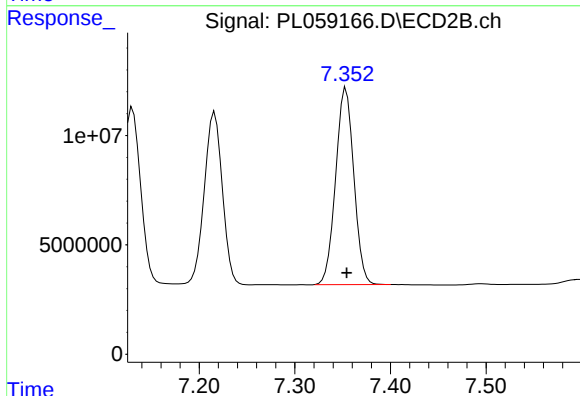
#19 Endosulfan Sulfate

R.T.: 6.743 min  
Delta R.T.: -0.002 min  
Response: 75675335  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

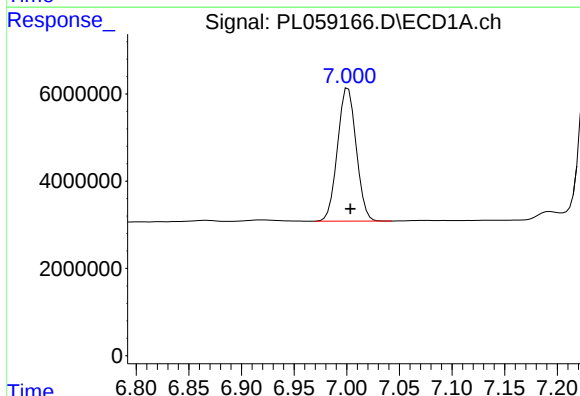
Manual Integrations  
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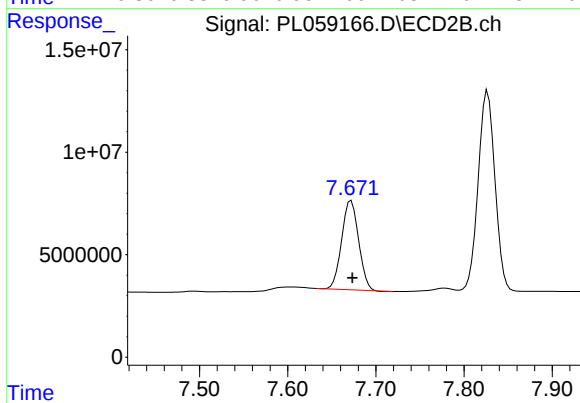
#19 Endosulfan Sulfate

R.T.: 7.354 min  
Delta R.T.: 0.000 min  
Response: 118860539  
Conc: 47.44 ng/ml



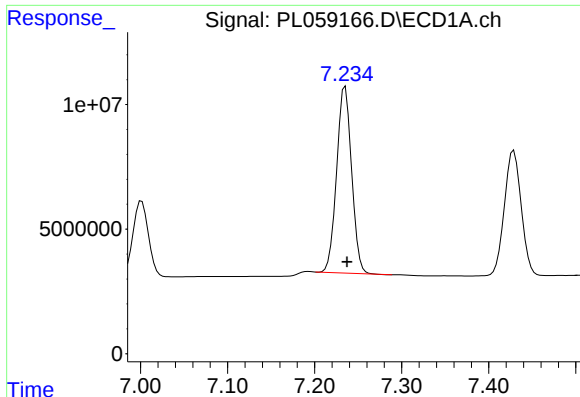
#20 Methoxychlor

R.T.: 7.001 min  
Delta R.T.: -0.002 min  
Response: 37794677  
Conc: 49.20 ng/ml



#20 Methoxychlor

R.T.: 7.672 min  
Delta R.T.: -0.001 min  
Response: 58350032  
Conc: 44.25 ng/ml



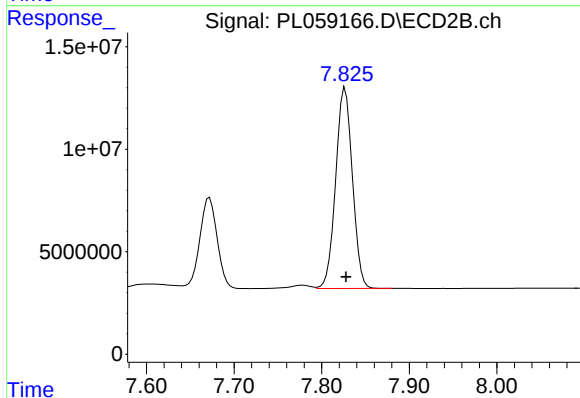
#21 Endrin ketone

R.T.: 7.235 min  
Delta R.T.: -0.002 min  
Response: 89504152  
Conc: 51.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

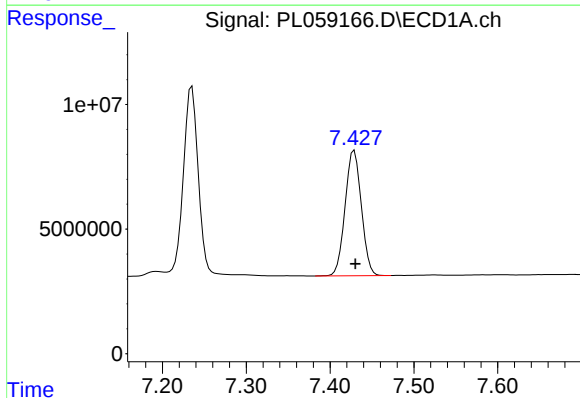
Manual Integrations  
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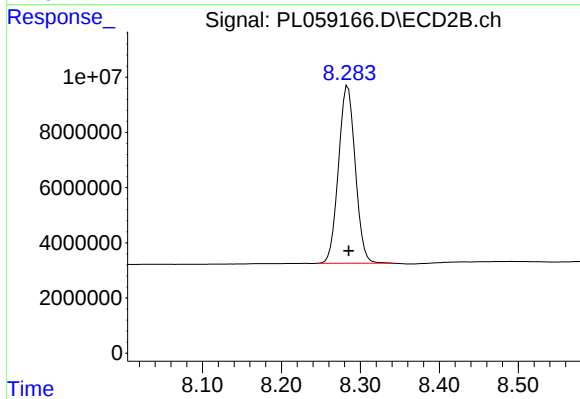
#21 Endrin ketone

R.T.: 7.827 min  
Delta R.T.: -0.001 min  
Response: 129999596  
Conc: 49.55 ng/ml



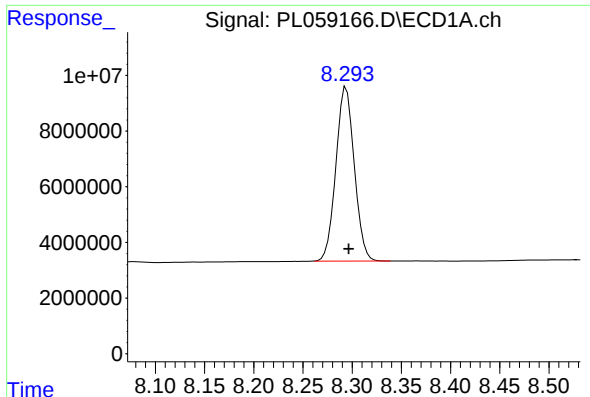
#22 Mirex

R.T.: 7.429 min  
Delta R.T.: -0.001 min  
Response: 68004095  
Conc: 49.27 ng/ml



#22 Mirex

R.T.: 8.284 min  
Delta R.T.: 0.000 min  
Response: 94908132  
Conc: 48.11 ng/ml



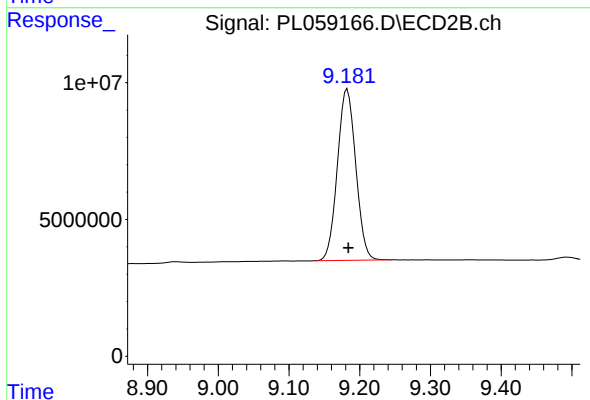
#28 Decachlorobiphenyl

R.T.: 8.294 min  
Delta R.T.: -0.003 min  
Response: 81423768  
Conc: 49.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.182 min  
Delta R.T.: -0.002 min  
Response: 113036382  
Conc: 47.68 ng/ml