

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013120\  
 Data File : PL056239.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jan 2020 15:11  
 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: Jan 31 22:11:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 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... | 3.497 | 4.014 | 505.2E6 | 147.7E6  | 48.239 | 50.523  |
| 2)                          | SA Decachlor... | 8.250 | 9.085 | 465.5E6 | 107.2E6  | 44.211 | 47.371m |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.936 | 4.403 | 894.0E6 | 227.2E6  | 50.169 | 51.915  |
| 3)                          | MA gamma-BHC... | 4.220 | 4.687 | 835.5E6 | 211.5E6  | 51.024 | 51.580  |
| 4)                          | MA Heptachlor   | 4.521 | 5.195 | 796.7E6 | 183.4E6  | 49.627 | 51.249  |
| 5)                          | MB Aldrin       | 4.769 | 5.500 | 817.4E6 | 180.2E6  | 50.245 | 51.266  |
| 6)                          | B beta-BHC      | 4.469 | 4.859 | 329.4E6 | 83181629 | 50.010 | 50.738  |
| 7)                          | B delta-BHC     | 4.675 | 5.076 | 824.6E6 | 191.5E6  | 51.433 | 59.712  |
| 8)                          | B Heptachlo...  | 5.212 | 5.887 | 754.7E6 | 164.3E6  | 49.068 | 52.794  |
| 9)                          | A Endosulfan I  | 5.551 | 6.244 | 706.6E6 | 151.3E6  | 48.692 | 50.570  |
| 10)                         | B gamma-Chl...  | 5.439 | 6.122 | 776.5E6 | 162.7E6  | 49.515 | 51.155  |
| 11)                         | B alpha-Chl...  | 5.497 | 6.194 | 755.2E6 | 160.8E6  | 49.094 | 50.745  |
| 12)                         | B 4,4'-DDE      | 5.660 | 6.352 | 751.2E6 | 152.9E6  | 51.828 | 51.034  |
| 13)                         | MA Dieldrin     | 5.794 | 6.502 | 758.8E6 | 157.9E6  | 49.335 | 50.859  |
| 14)                         | MA Endrin       | 6.052 | 6.721 | 667.8E6 | 127.7E6  | 47.527 | 48.722  |
| 15)                         | B Endosulfa...  | 6.325 | 6.932 | 624.9E6 | 134.1E6  | 47.778 | 49.827  |
| 16)                         | A 4,4'-DDD      | 6.177 | 6.845 | 577.9E6 | 124.2E6  | 53.759 | 52.639  |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.143 | 550.3E6 | 112.8E6  | 50.358 | 49.126  |
| 18)                         | B Endrin al...  | 6.493 | 7.056 | 537.1E6 | 113.0E6  | 49.094 | 49.785  |
| 19)                         | B Endosulfa...  | 6.705 | 7.279 | 588.1E6 | 125.0E6  | 48.373 | 49.400  |
| 20)                         | A Methoxychlor  | 6.961 | 7.603 | 271.6E6 | 58754442 | 51.124 | 47.920  |
| 21)                         | B Endrin ke...  | 7.196 | 7.751 | 655.4E6 | 131.7E6  | 50.085 | 49.366  |
| 22)                         | Mirex           | 7.386 | 8.205 | 423.1E6 | 89849632 | 45.791 | 49.427  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013120\  
 Data File : PL056239.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jan 2020 15:11  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

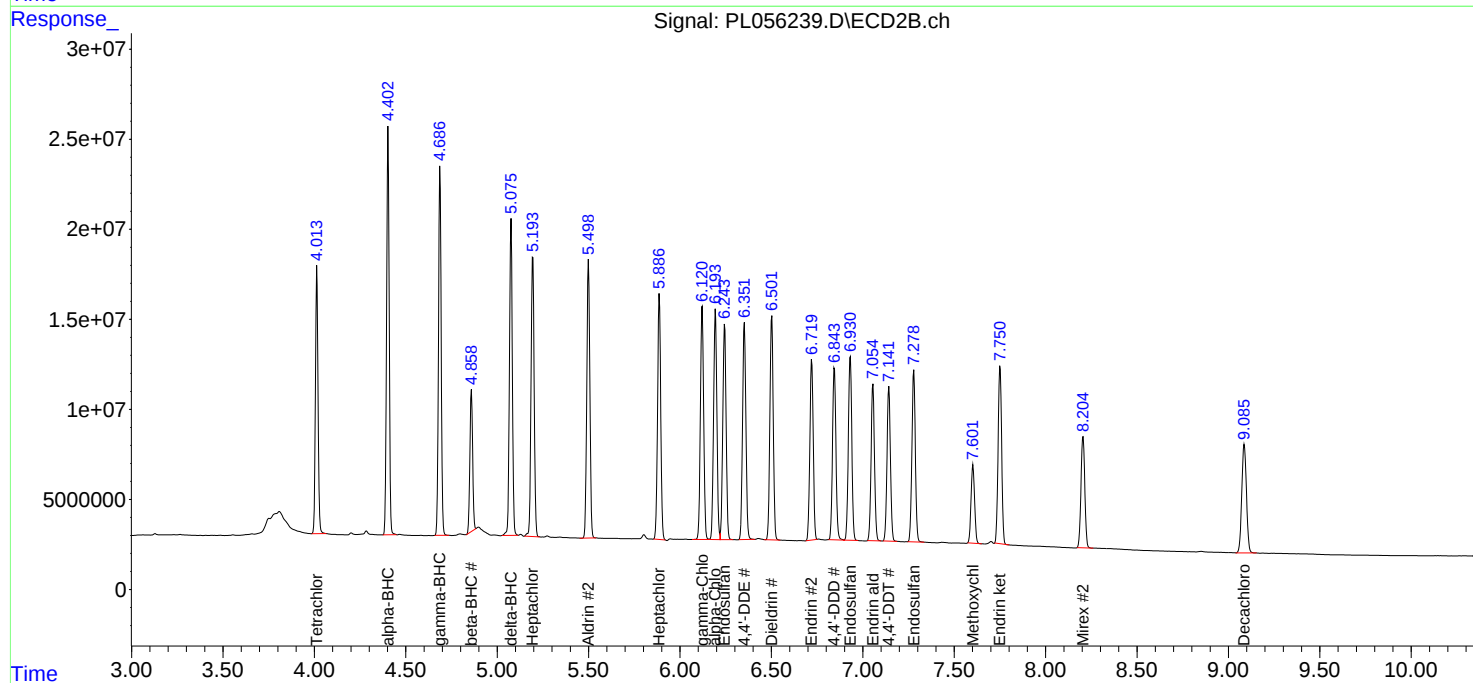
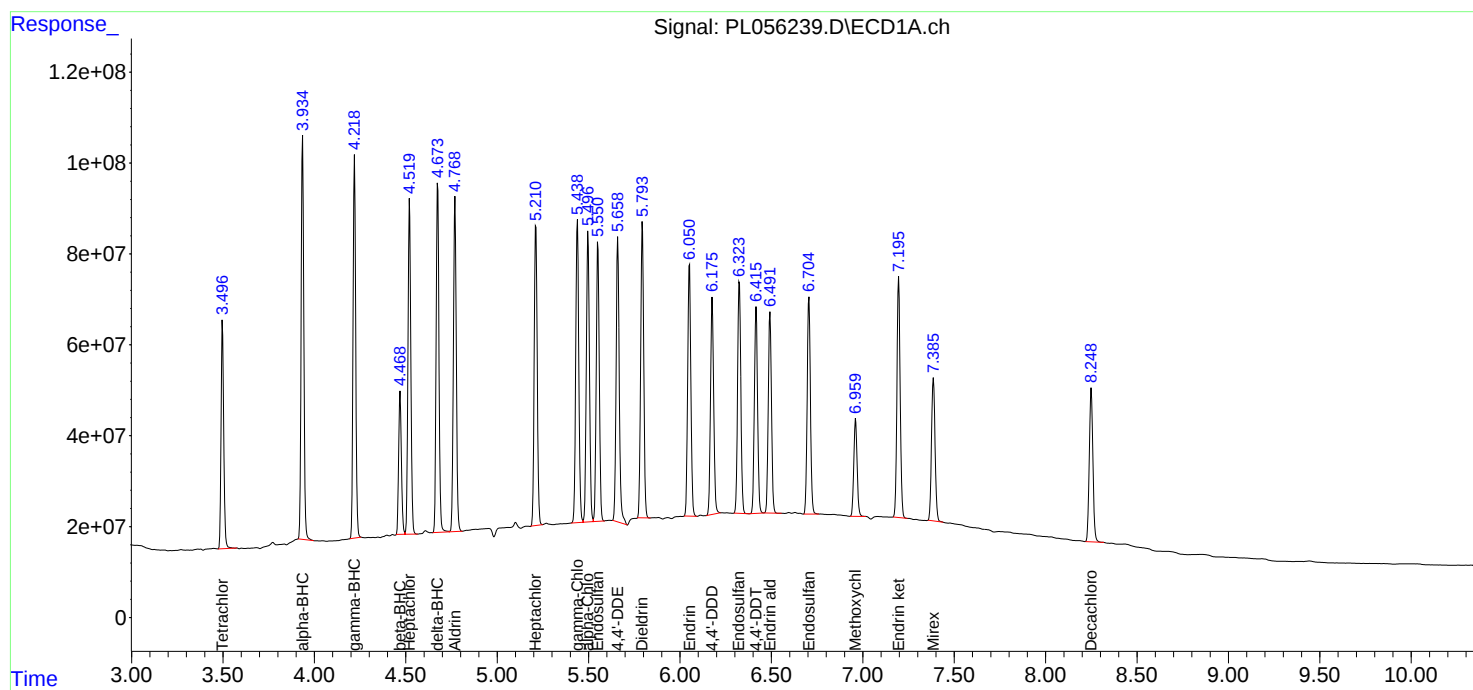
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

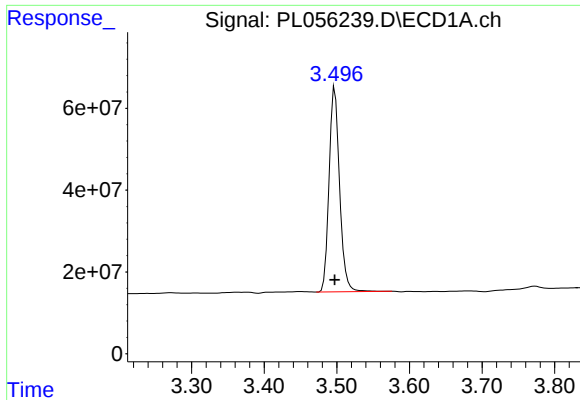
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 31 22:11:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
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Volume Inj. : 1 µl  
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





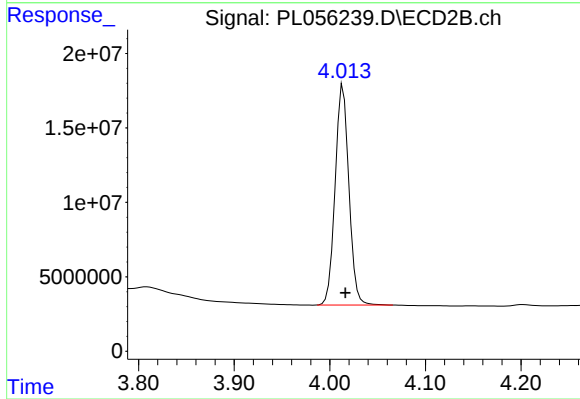
#1 Tetrachloro-m-xylene

R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 505212083  
Conc: 48.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

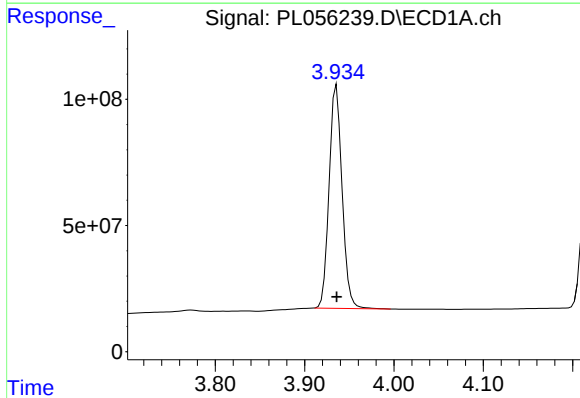
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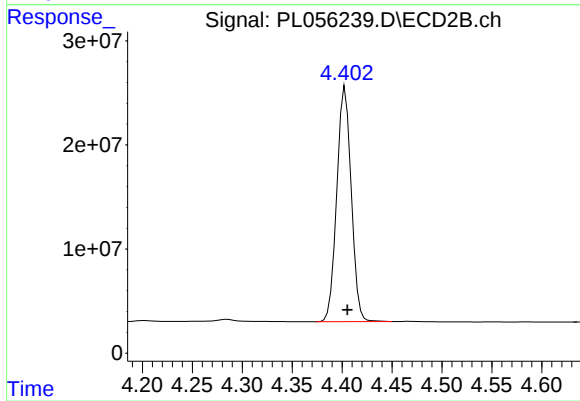
#1 Tetrachloro-m-xylene

R.T.: 4.014 min  
Delta R.T.: -0.002 min  
Response: 147733274  
Conc: 50.52 ng/ml



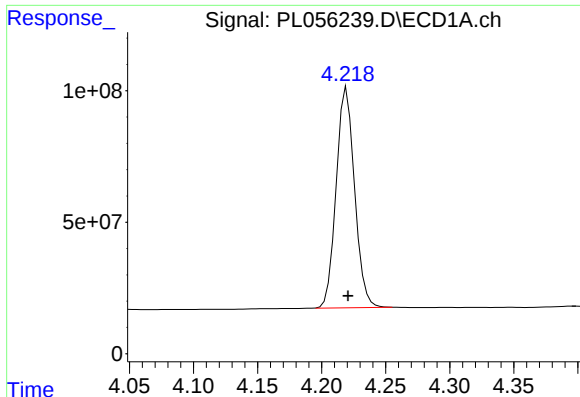
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 894011436  
Conc: 50.17 ng/ml



#2 alpha-BHC

R.T.: 4.403 min  
Delta R.T.: -0.002 min  
Response: 227244488  
Conc: 51.92 ng/ml



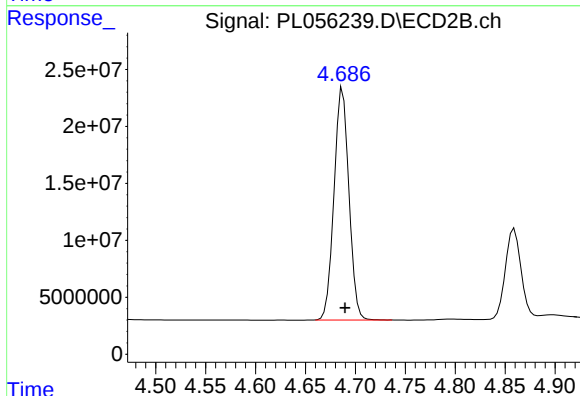
#3 gamma-BHC (Lindane)

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 835467319  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

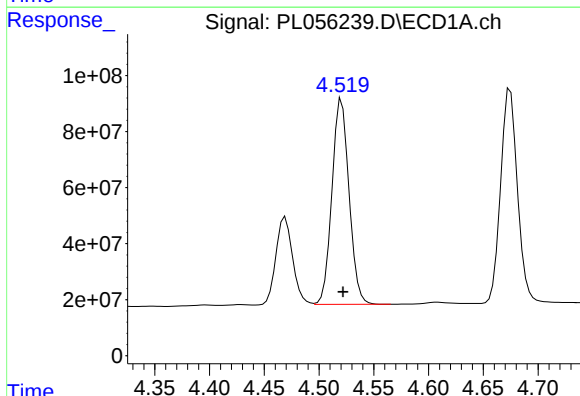
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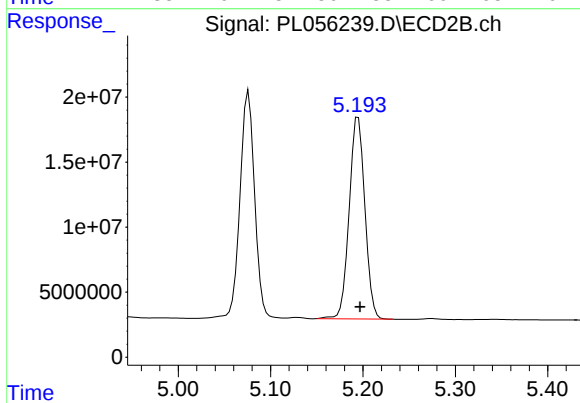
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: -0.002 min  
Response: 211517461  
Conc: 51.58 ng/ml



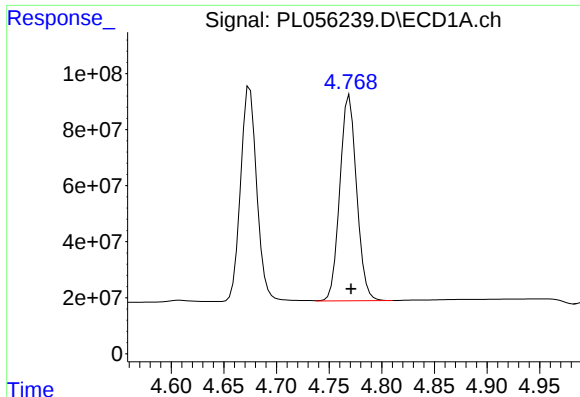
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: -0.001 min  
Response: 796744619  
Conc: 49.63 ng/ml



#4 Heptachlor

R.T.: 5.195 min  
Delta R.T.: -0.002 min  
Response: 183354296  
Conc: 51.25 ng/ml



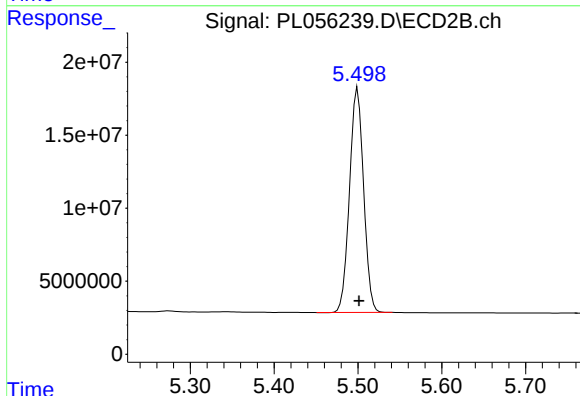
#5 Aldrin

R.T.: 4.769 min  
Delta R.T.: -0.001 min  
Response: 817356938  
Conc: 50.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

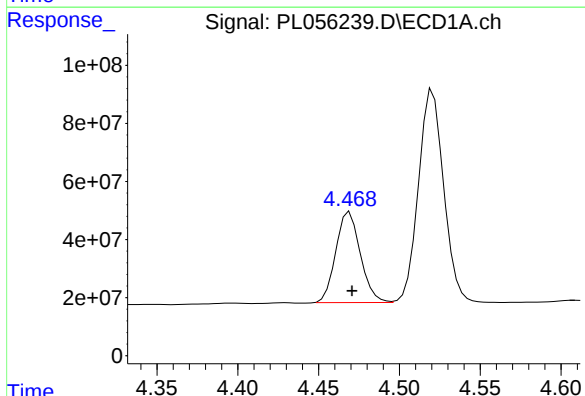
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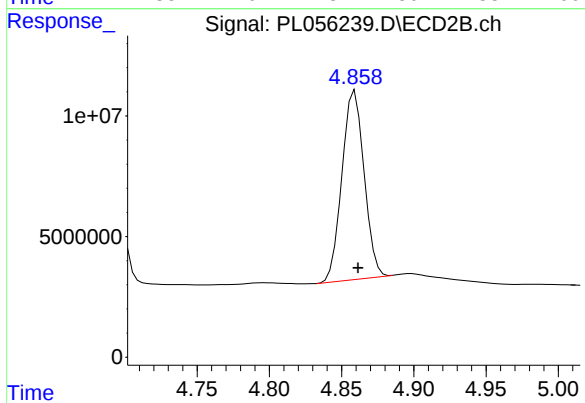
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: -0.002 min  
Response: 180181909  
Conc: 51.27 ng/ml



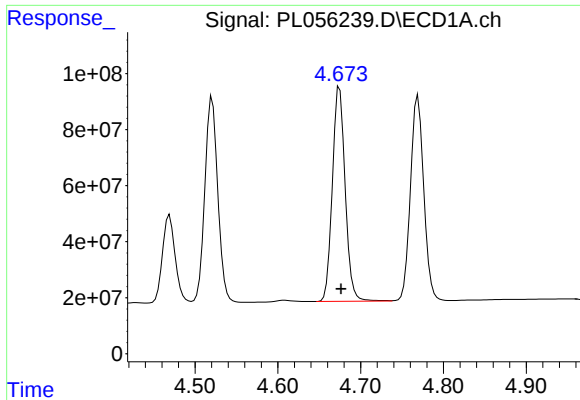
#6 beta-BHC

R.T.: 4.469 min  
Delta R.T.: -0.001 min  
Response: 329407126  
Conc: 50.01 ng/ml



#6 beta-BHC

R.T.: 4.859 min  
Delta R.T.: -0.002 min  
Response: 83181629  
Conc: 50.74 ng/ml



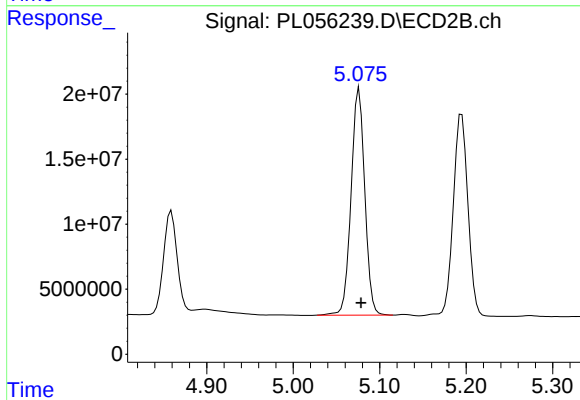
#7 delta-BHC

R.T.: 4.675 min  
Delta R.T.: -0.002 min  
Response: 824582139  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

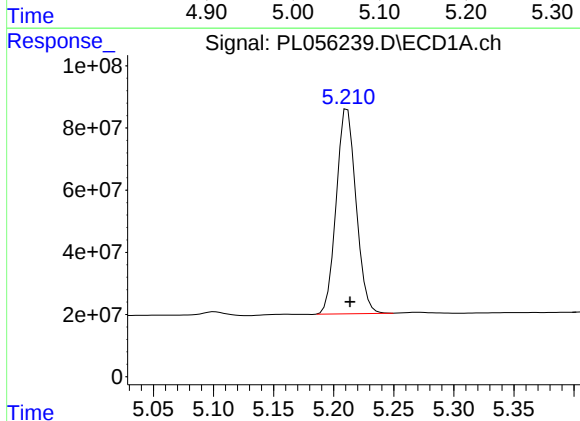
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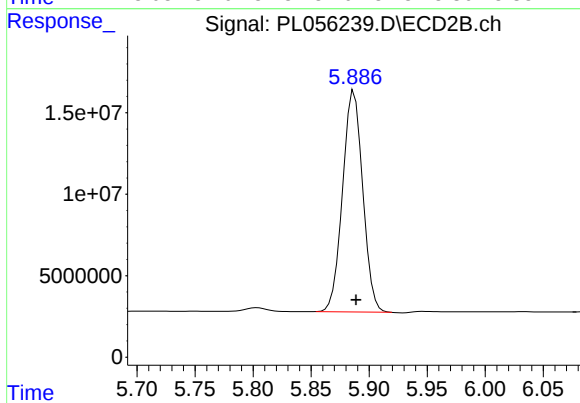
#7 delta-BHC

R.T.: 5.076 min  
Delta R.T.: -0.002 min  
Response: 191503012  
Conc: 59.71 ng/ml



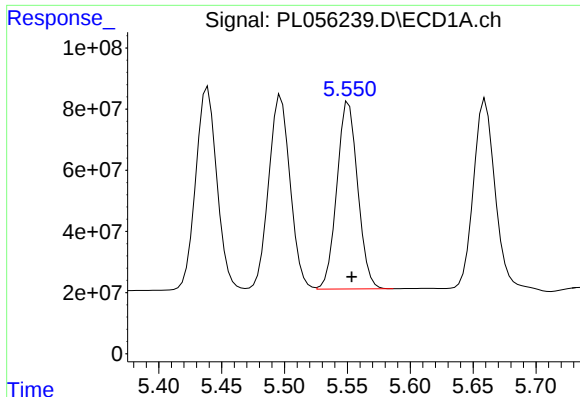
#8 Heptachlor epoxide

R.T.: 5.212 min  
Delta R.T.: -0.002 min  
Response: 754702757  
Conc: 49.07 ng/ml



#8 Heptachlor epoxide

R.T.: 5.887 min  
Delta R.T.: -0.001 min  
Response: 164323750  
Conc: 52.79 ng/ml



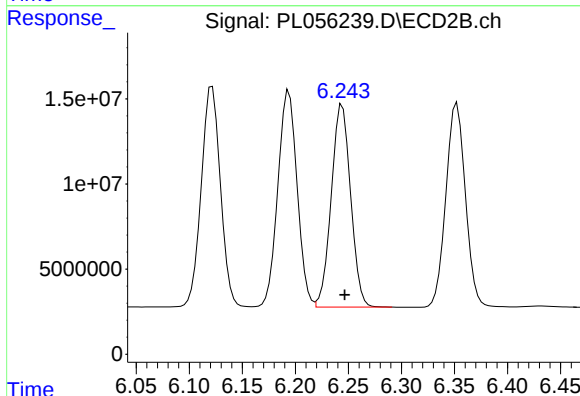
#9 Endosulfan I

R.T.: 5.551 min  
Delta R.T.: -0.002 min  
Response: 706595156  
Conc: 48.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

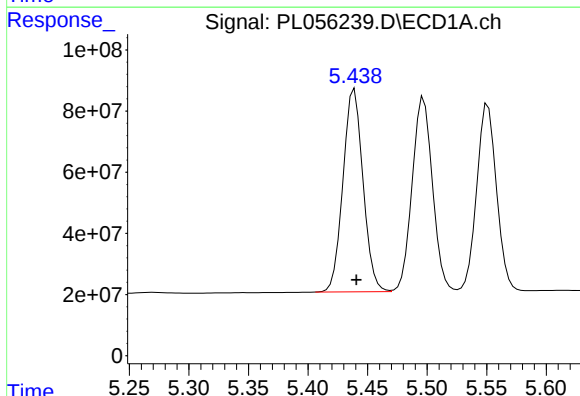
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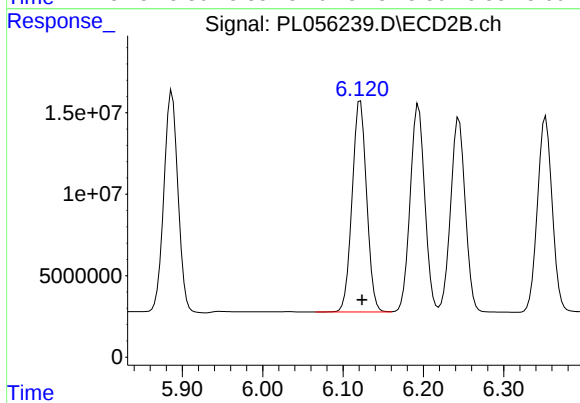
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: -0.002 min  
Response: 151343865  
Conc: 50.57 ng/ml



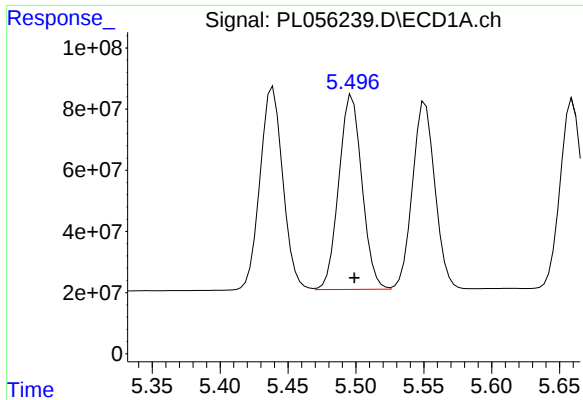
#10 gamma-Chlordane

R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 776548904  
Conc: 49.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.122 min  
Delta R.T.: -0.002 min  
Response: 162681046  
Conc: 51.16 ng/ml



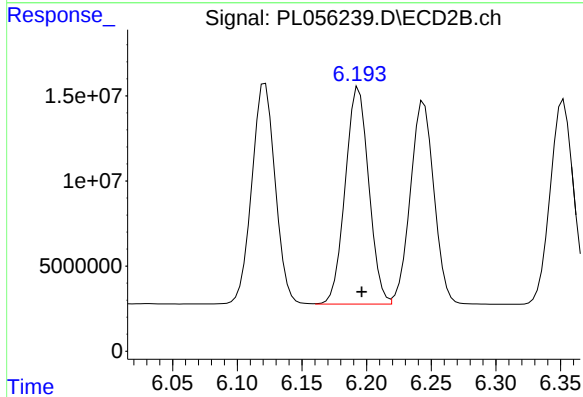
#11 alpha-Chlordane

R.T.: 5.497 min  
Delta R.T.: -0.002 min  
Response: 755206142  
Conc: 49.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

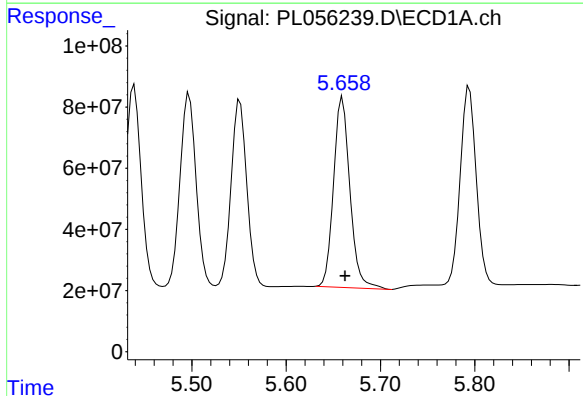
Manual Integrations  
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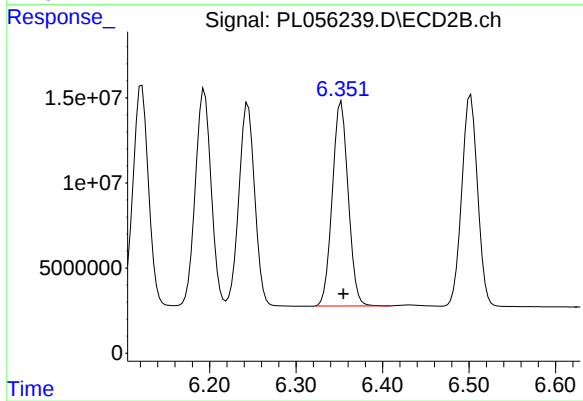
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 160846343  
Conc: 50.74 ng/ml



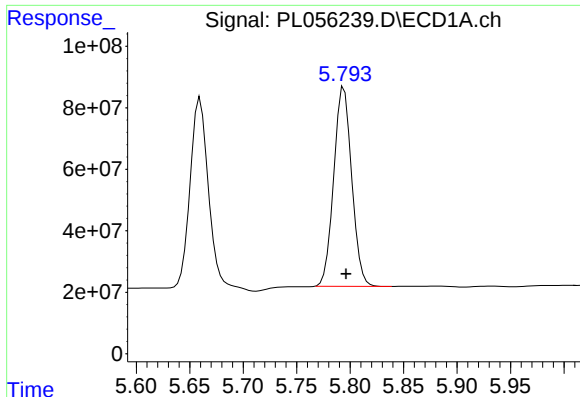
#12 4,4'-DDE

R.T.: 5.660 min  
Delta R.T.: -0.003 min  
Response: 751171978  
Conc: 51.83 ng/ml



#12 4,4'-DDE

R.T.: 6.352 min  
Delta R.T.: -0.002 min  
Response: 152865648  
Conc: 51.03 ng/ml



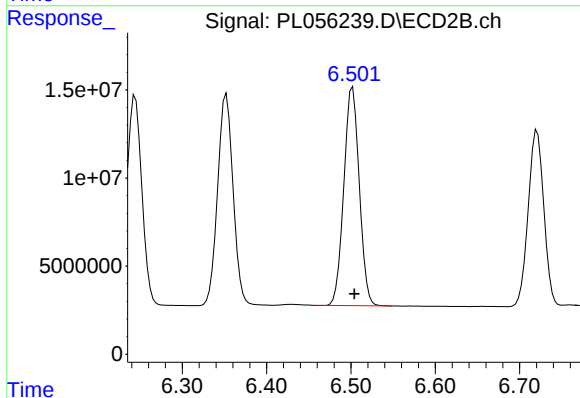
#13 Dieldrin

R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 758768721  
Conc: 49.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

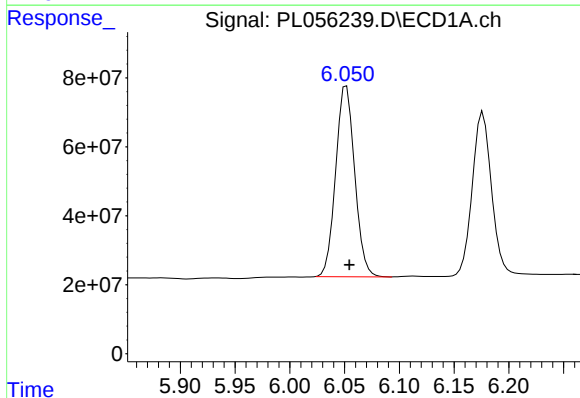
Manual Integrations  
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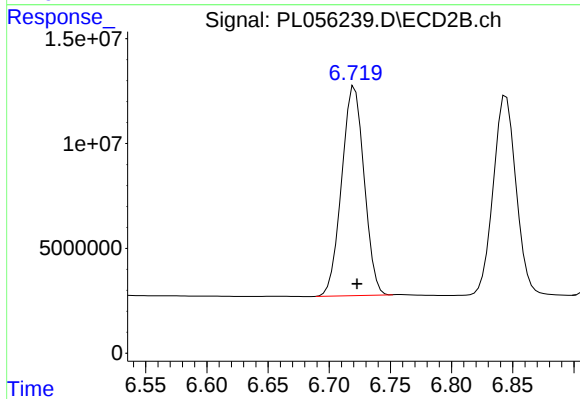
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: -0.002 min  
Response: 157866176  
Conc: 50.86 ng/ml



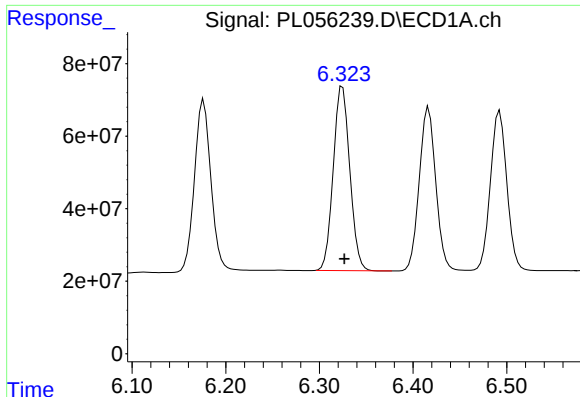
#14 Endrin

R.T.: 6.052 min  
Delta R.T.: -0.003 min  
Response: 667839967  
Conc: 47.53 ng/ml



#14 Endrin

R.T.: 6.721 min  
Delta R.T.: -0.002 min  
Response: 127685020  
Conc: 48.72 ng/ml



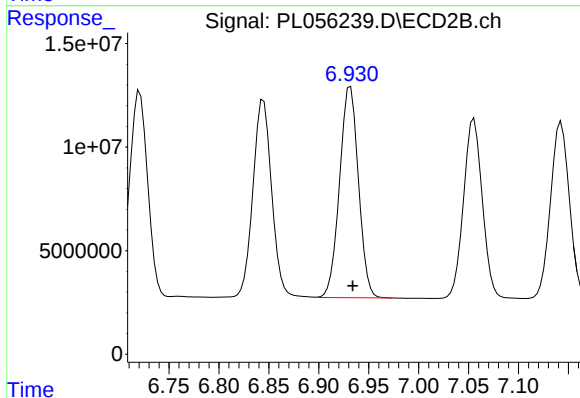
#15 Endosulfan II

R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 624864676  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

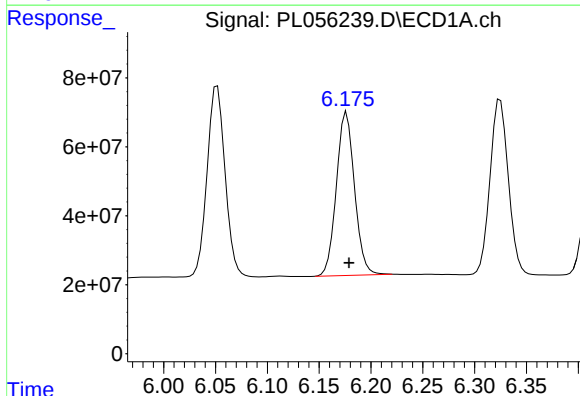
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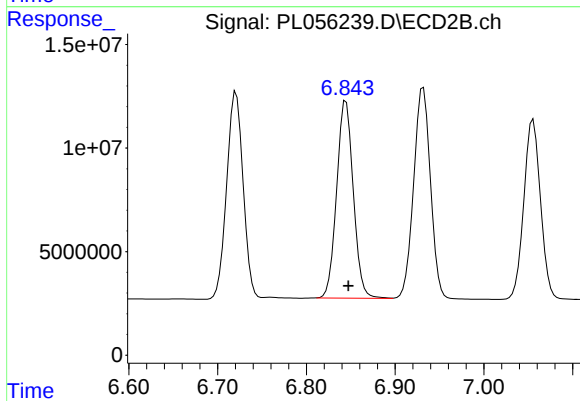
#15 Endosulfan II

R.T.: 6.932 min  
Delta R.T.: -0.002 min  
Response: 134139939  
Conc: 49.83 ng/ml



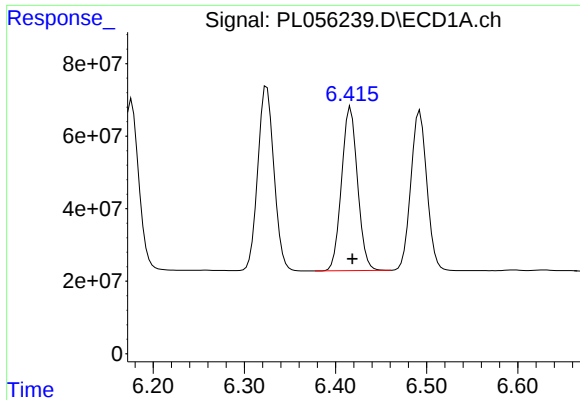
#16 4,4'-DDD

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 577856896  
Conc: 53.76 ng/ml



#16 4,4'-DDD

R.T.: 6.845 min  
Delta R.T.: -0.003 min  
Response: 124198372  
Conc: 52.64 ng/ml



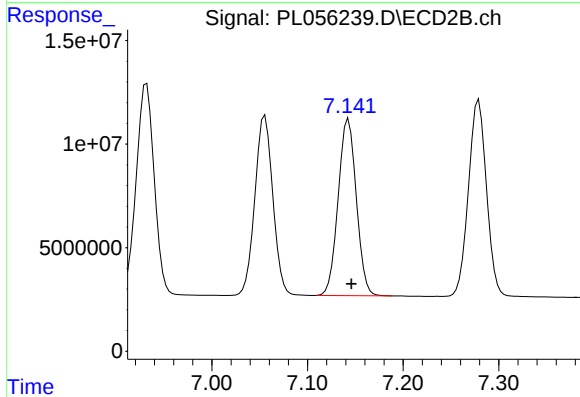
#17 4,4'-DDT

R.T.: 6.417 min  
Delta R.T.: -0.002 min  
Response: 550348585  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

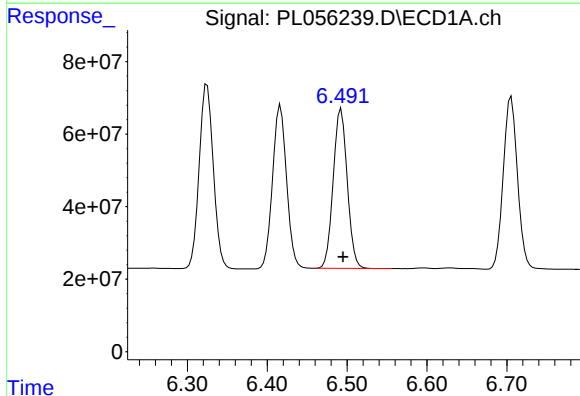
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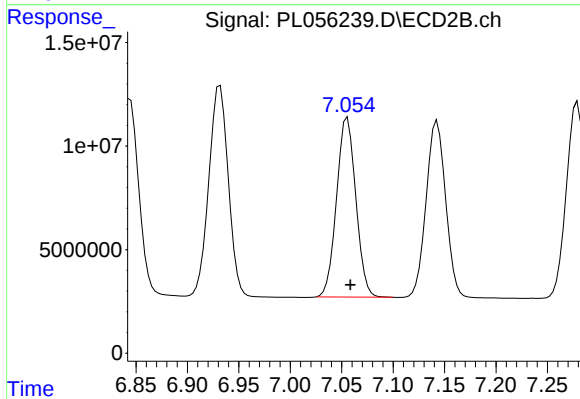
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: -0.003 min  
Response: 112781248  
Conc: 49.13 ng/ml



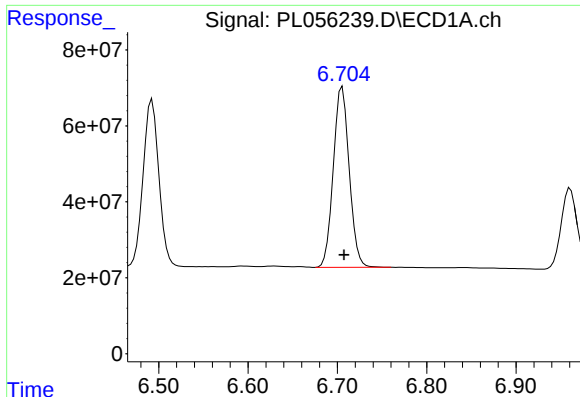
#18 Endrin aldehyde

R.T.: 6.493 min  
Delta R.T.: -0.002 min  
Response: 537123338  
Conc: 49.09 ng/ml



#18 Endrin aldehyde

R.T.: 7.056 min  
Delta R.T.: -0.003 min  
Response: 113023680  
Conc: 49.79 ng/ml



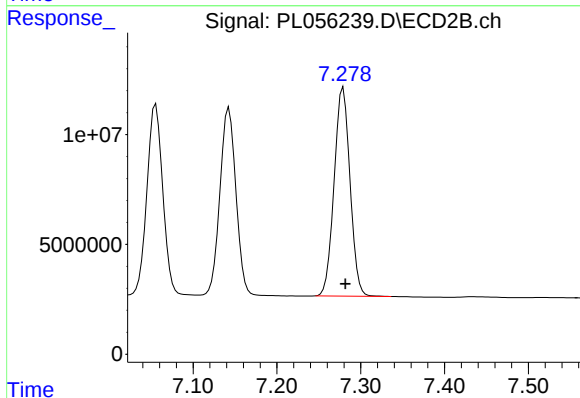
#19 Endosulfan Sulfate

R.T.: 6.705 min  
Delta R.T.: -0.002 min  
Response: 588109044  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

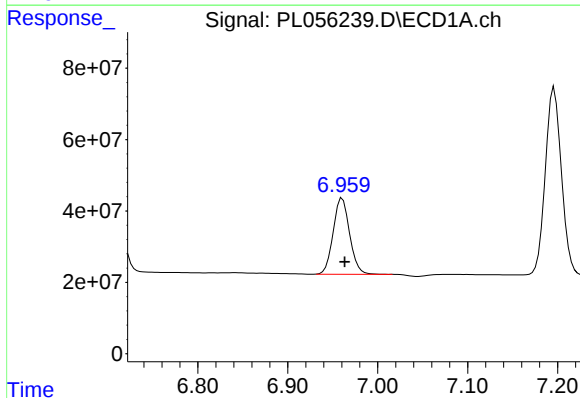
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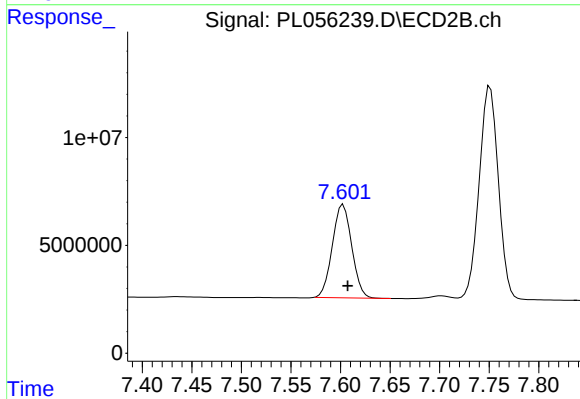
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: -0.003 min  
Response: 125020160  
Conc: 49.40 ng/ml



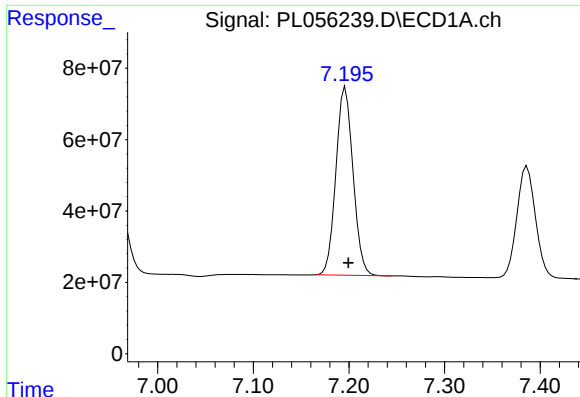
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: -0.003 min  
Response: 271579690  
Conc: 51.12 ng/ml



#20 Methoxychlor

R.T.: 7.603 min  
Delta R.T.: -0.005 min  
Response: 58754442  
Conc: 47.92 ng/ml



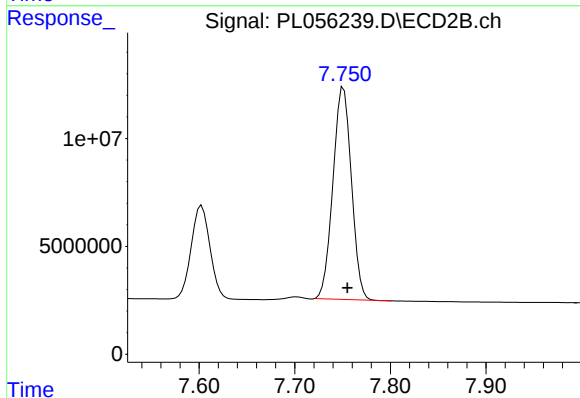
#21 Endrin ketone

R.T.: 7.196 min  
Delta R.T.: -0.003 min  
Response: 655361251  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

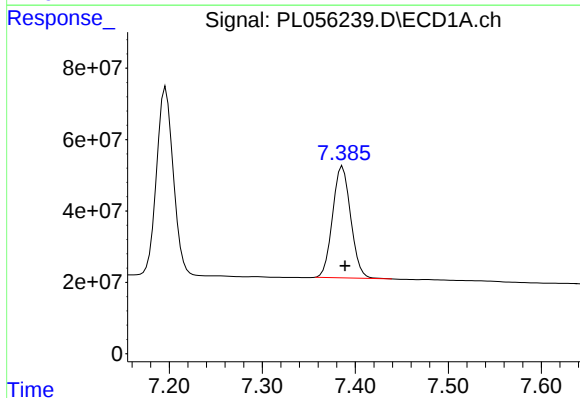
Manual Integrations  
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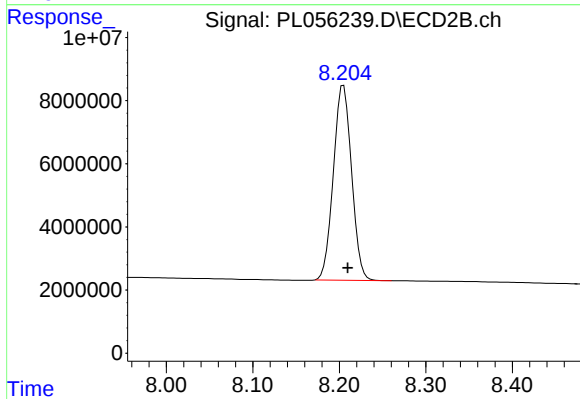
#21 Endrin ketone

R.T.: 7.751 min  
Delta R.T.: -0.004 min  
Response: 131653983  
Conc: 49.37 ng/ml



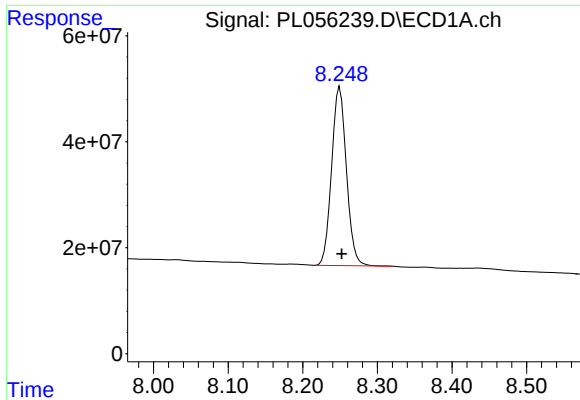
#22 Mirex

R.T.: 7.386 min  
Delta R.T.: -0.003 min  
Response: 423090928  
Conc: 45.79 ng/ml



#22 Mirex

R.T.: 8.205 min  
Delta R.T.: -0.005 min  
Response: 89849632  
Conc: 49.43 ng/ml



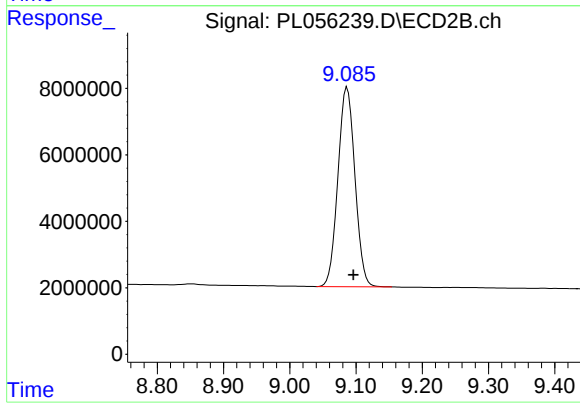
#28 Decachlorobiphenyl

R.T.: 8.250 min  
Delta R.T.: -0.003 min  
Response: 465453863  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: -0.011 min  
Response: 107150426  
Conc: 47.37 ng/ml m