

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022620\  
 Data File : PL056841.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Feb 2020 17:06  
 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: Feb 27 02:44:16 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021920.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 20 02:32:45 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... | 3.498 | 4.020 | 453.1E6 | 138.5E6  | 52.400  | 55.606  |
| 28)                         | SA Decachlor... | 8.253 | 9.093 | 489.3E6 | 106.6E6  | 41.133  | 50.750  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.936 | 4.409 | 787.9E6 | 213.7E6  | 49.915  | 56.813  |
| 3)                          | MA gamma-BHC... | 4.221 | 4.694 | 739.1E6 | 197.0E6  | 49.544  | 57.195  |
| 4)                          | MA Heptachlor   | 4.522 | 5.201 | 724.2E6 | 167.6E6  | 49.115  | 57.290  |
| 5)                          | MB Aldrin       | 4.771 | 5.506 | 696.4E6 | 167.2E6  | 46.646  | 53.410  |
| 6)                          | B beta-BHC      | 4.471 | 4.867 | 277.0E6 | 75127950 | 47.805  | 57.465  |
| 7)                          | B delta-BHC     | 4.677 | 5.083 | 707.9E6 | 145.7E6  | 49.112  | 47.870m |
| 8)                          | B Heptachlo...  | 5.214 | 5.893 | 657.8E6 | 133.0E6  | 46.499  | 45.474  |
| 9)                          | A Endosulfan I  | 5.554 | 6.251 | 615.9E6 | 141.1E6  | 46.069  | 52.225  |
| 10)                         | B gamma-Chl...  | 5.441 | 6.129 | 671.4E6 | 146.0E6  | 46.221  | 50.896  |
| 11)                         | B alpha-Chl...  | 5.499 | 6.200 | 657.3E6 | 149.5E6  | 45.518  | 52.551  |
| 12)                         | B 4,4'-DDE      | 5.661 | 6.359 | 644.8E6 | 146.0E6  | 45.843m | 53.013  |
| 13)                         | MA Dieldrin     | 5.795 | 6.509 | 663.1E6 | 148.9E6  | 44.489m | 52.076  |
| 14)                         | MA Endrin       | 6.053 | 6.727 | 629.6E6 | 129.1E6  | 46.646m | 52.389  |
| 15)                         | B Endosulfa...  | 6.326 | 6.937 | 582.4E6 | 131.4E6  | 46.898m | 50.888  |
| 16)                         | A 4,4'-DDD      | 6.178 | 6.851 | 497.6E6 | 121.0E6  | 44.491m | 52.541  |
| 17)                         | MA 4,4'-DDT     | 6.418 | 7.149 | 541.4E6 | 117.5E6  | 49.716m | 56.475  |
| 18)                         | B Endrin al...  | 6.496 | 7.061 | 490.7E6 | 106.7E6  | 45.331  | 50.865m |
| 19)                         | B Endosulfa...  | 6.709 | 7.286 | 535.1E6 | 121.1E6  | 45.134  | 50.944  |
| 20)                         | A Methoxychlor  | 6.964 | 7.609 | 267.1E6 | 62308504 | 50.370  | 56.300  |
| 21)                         | B Endrin ke...  | 7.201 | 7.757 | 594.7E6 | 128.4E6  | 44.608  | 50.847  |
| 22)                         | Mirex           | 7.389 | 8.210 | 389.6E6 | 82006802 | 46.430m | 48.815  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022620\  
Data File : PL056841.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Feb 2020 17:06  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

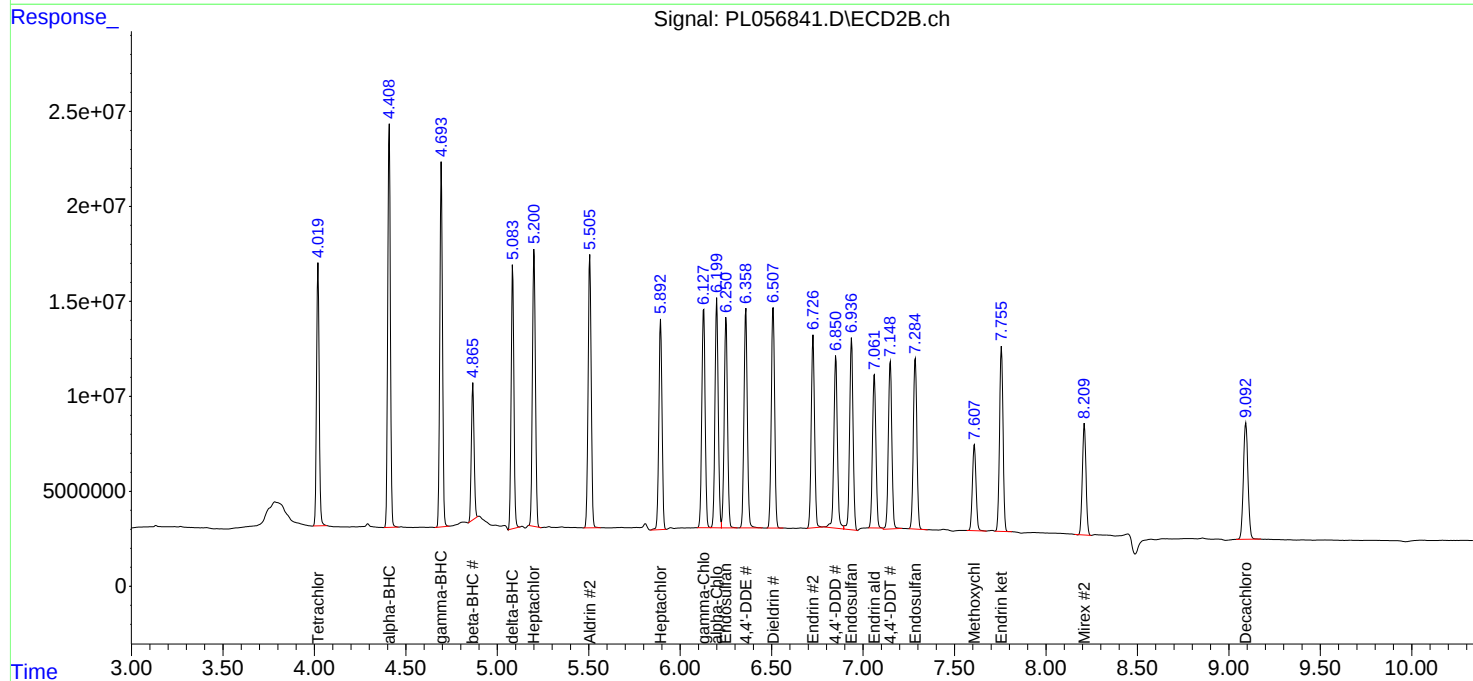
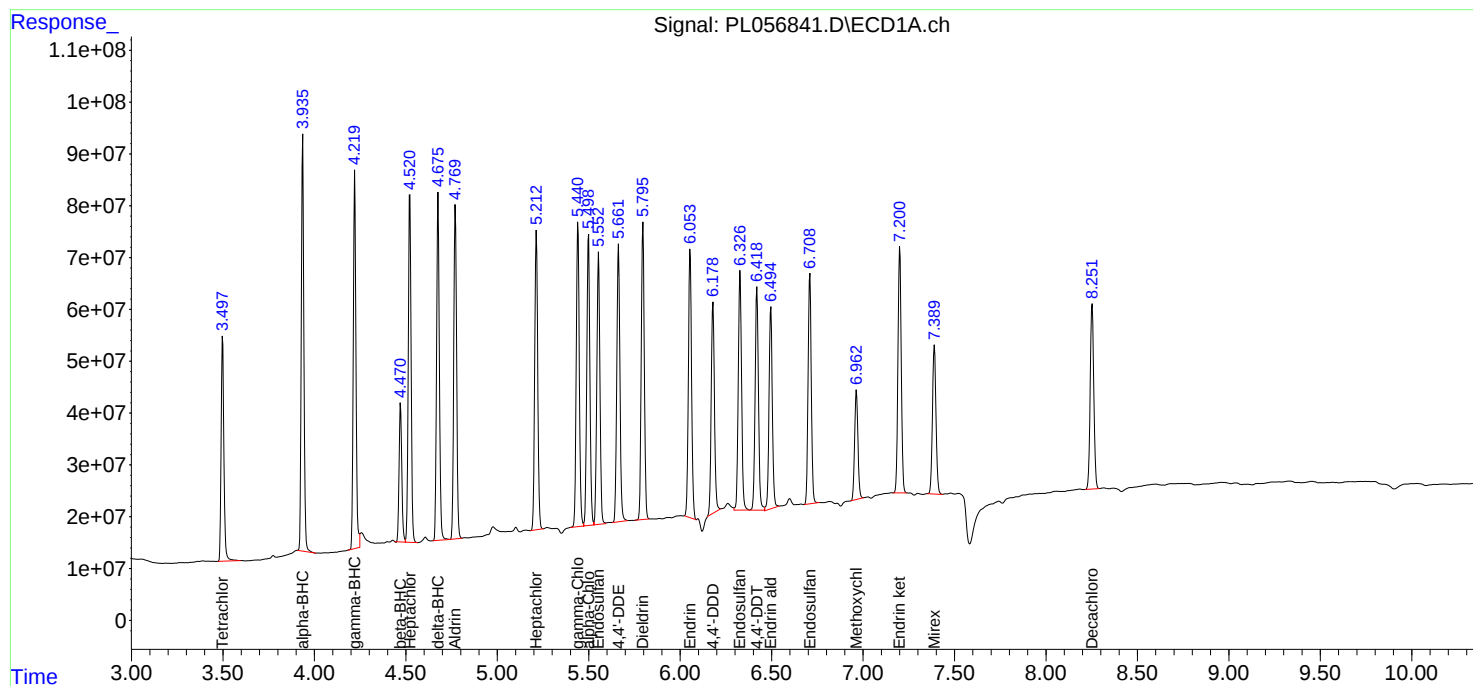
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

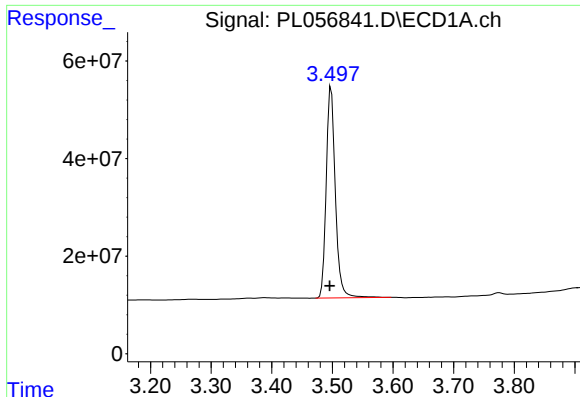
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 27 02:44:16 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021920.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 20 02:32:45 2020  
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





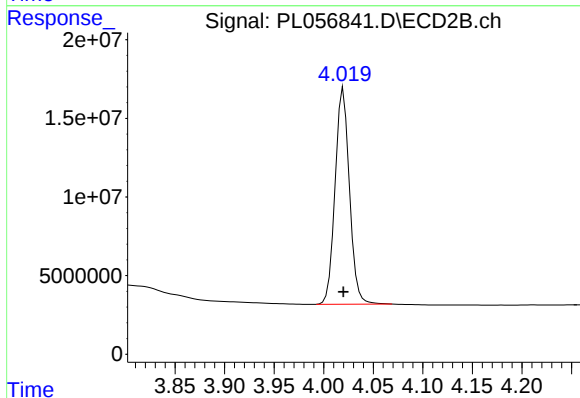
#1 Tetrachloro-m-xylene

R.T.: 3.498 min  
Delta R.T.: 0.002 min  
Response: 453139842  
Conc: 52.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

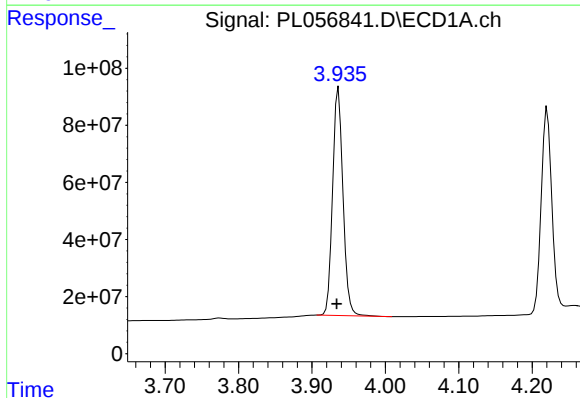
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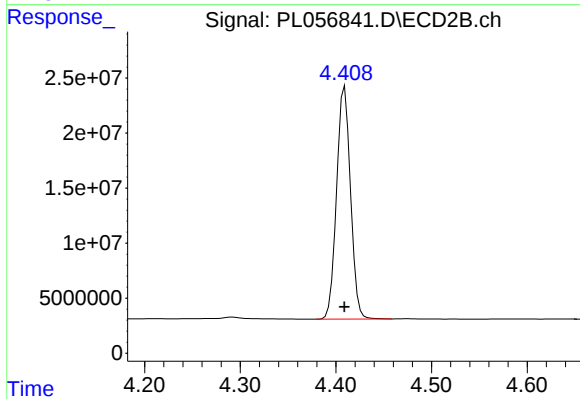
#1 Tetrachloro-m-xylene

R.T.: 4.020 min  
Delta R.T.: 0.000 min  
Response: 138514649  
Conc: 55.61 ng/ml



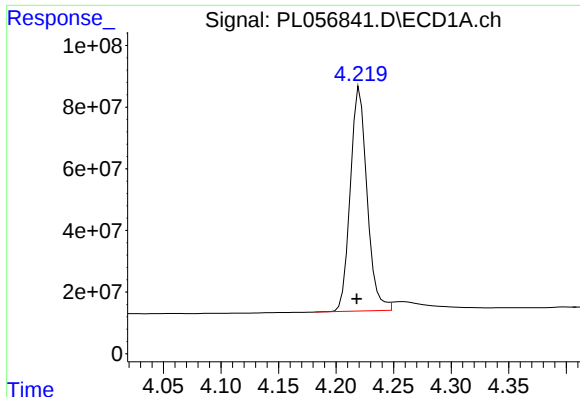
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.002 min  
Response: 787874149  
Conc: 49.92 ng/ml



#2 alpha-BHC

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 213728491  
Conc: 56.81 ng/ml



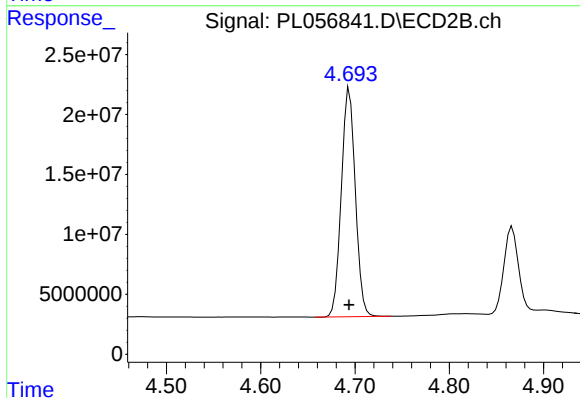
#3 gamma-BHC (Lindane)

R.T.: 4.221 min  
Delta R.T.: 0.003 min  
Response: 739091612  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

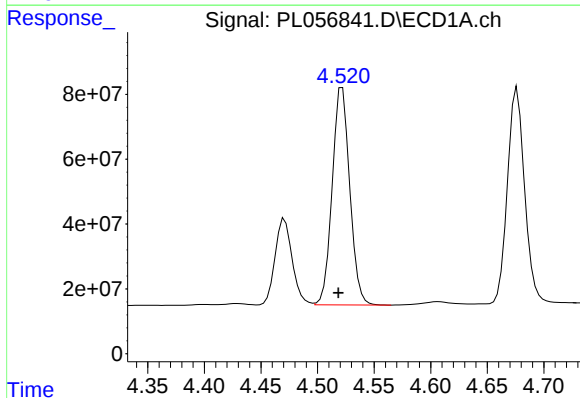
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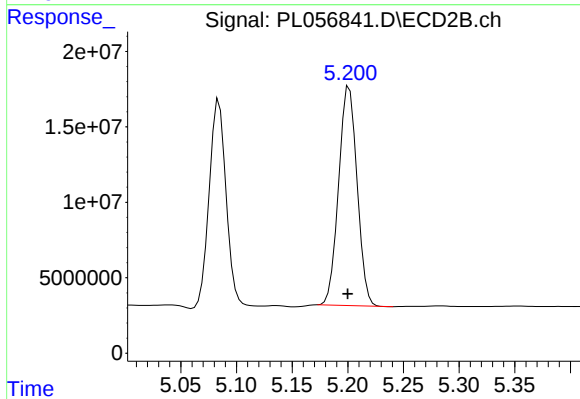
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 196955027  
Conc: 57.19 ng/ml



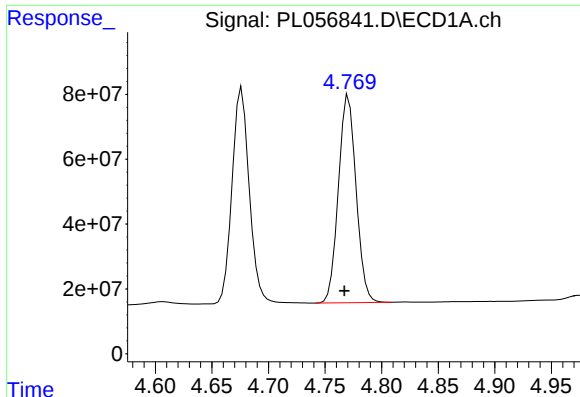
#4 Heptachlor

R.T.: 4.522 min  
Delta R.T.: 0.003 min  
Response: 724231196  
Conc: 49.12 ng/ml



#4 Heptachlor

R.T.: 5.201 min  
Delta R.T.: 0.001 min  
Response: 167600790  
Conc: 57.29 ng/ml



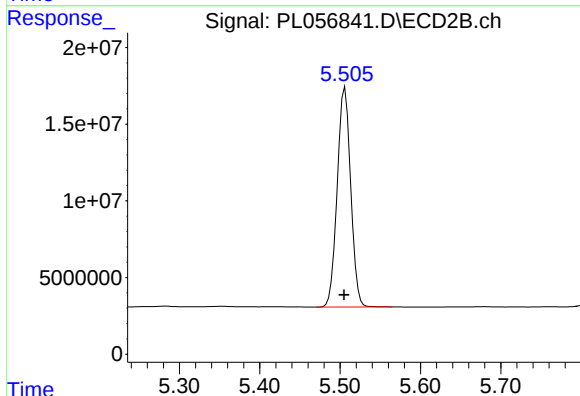
#5 Aldrin

R.T.: 4.771 min  
Delta R.T.: 0.004 min  
Response: 696389290  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

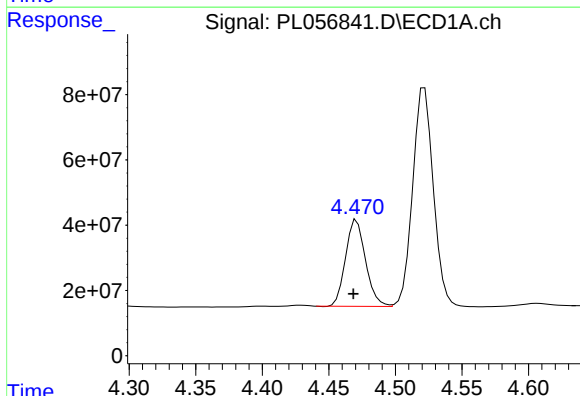
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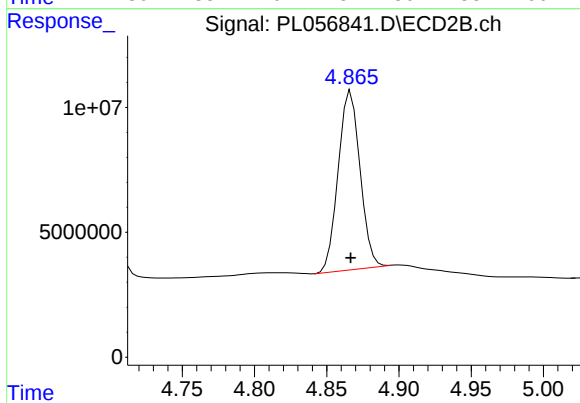
#5 Aldrin

R.T.: 5.506 min  
Delta R.T.: 0.001 min  
Response: 167159965  
Conc: 53.41 ng/ml



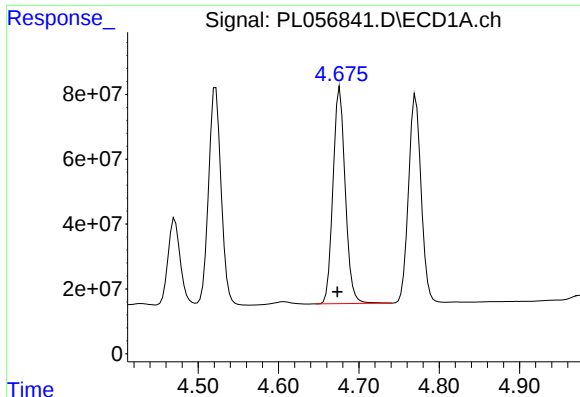
#6 beta-BHC

R.T.: 4.471 min  
Delta R.T.: 0.003 min  
Response: 277044486  
Conc: 47.81 ng/ml



#6 beta-BHC

R.T.: 4.867 min  
Delta R.T.: 0.000 min  
Response: 75127950  
Conc: 57.46 ng/ml



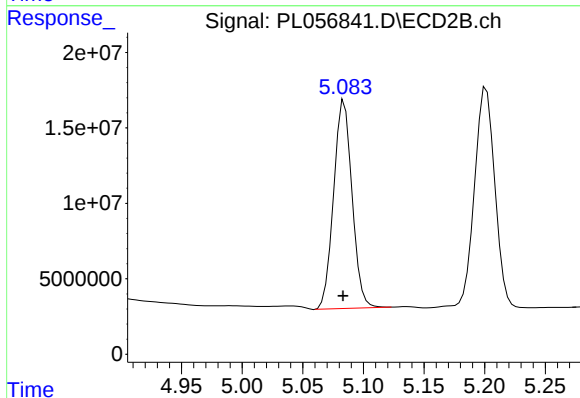
#7 delta-BHC

R.T.: 4.677 min  
Delta R.T.: 0.003 min  
Response: 707860846  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

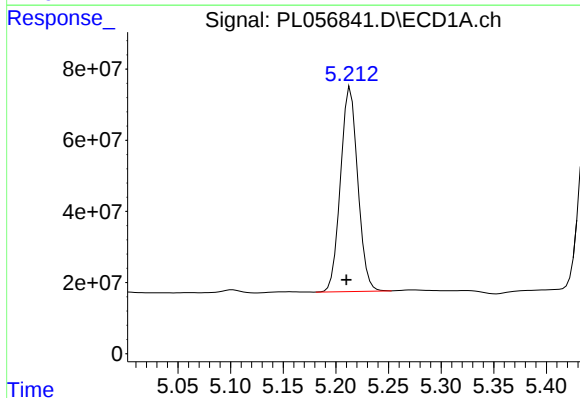
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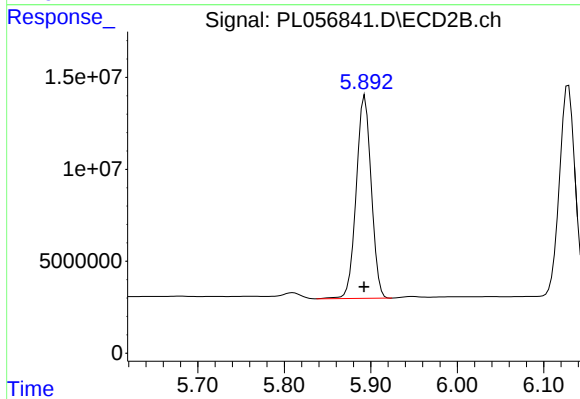
#7 delta-BHC

R.T.: 5.083 min  
Delta R.T.: 0.000 min  
Response: 145741114  
Conc: 47.87 ng/ml m



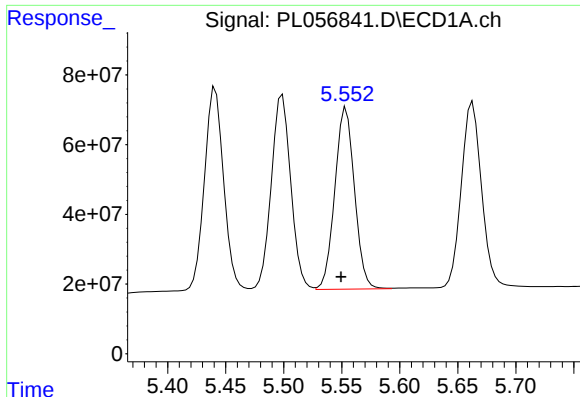
#8 Heptachlor epoxide

R.T.: 5.214 min  
Delta R.T.: 0.004 min  
Response: 657822568  
Conc: 46.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 132956801  
Conc: 45.47 ng/ml



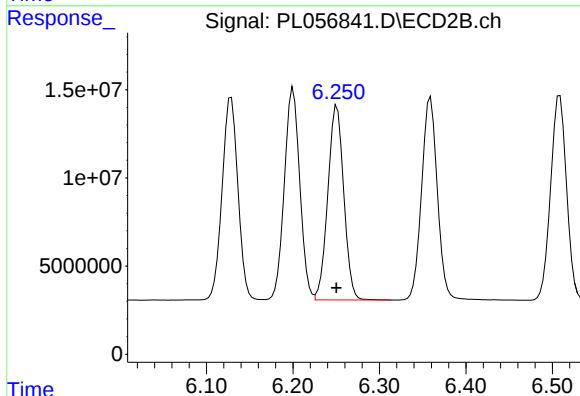
#9 Endosulfan I

R.T.: 5.554 min  
Delta R.T.: 0.004 min  
Response: 615851153  
Conc: 46.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

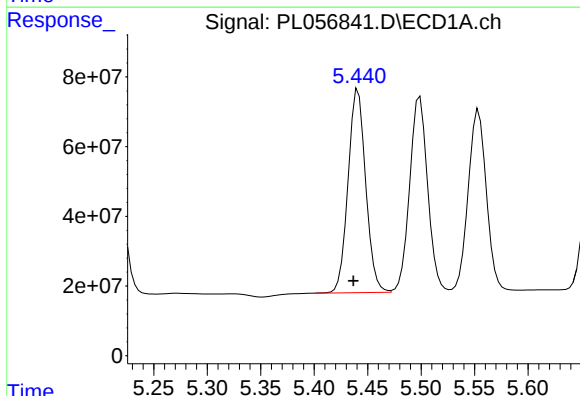
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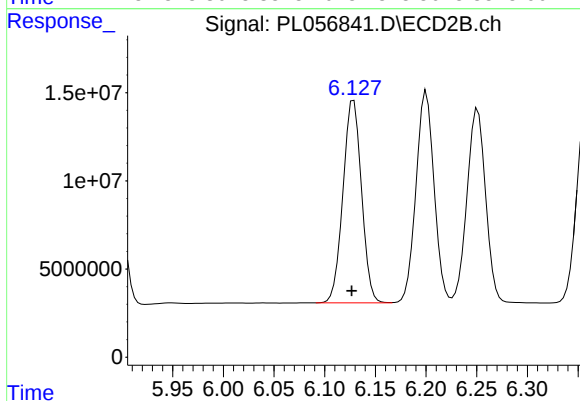
#9 Endosulfan I

R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 141090269  
Conc: 52.22 ng/ml



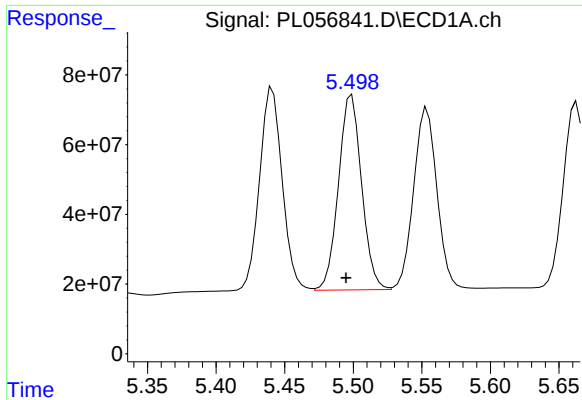
#10 gamma-Chlordane

R.T.: 5.441 min  
Delta R.T.: 0.004 min  
Response: 671391668  
Conc: 46.22 ng/ml



#10 gamma-Chlordane

R.T.: 6.129 min  
Delta R.T.: 0.002 min  
Response: 145975647  
Conc: 50.90 ng/ml



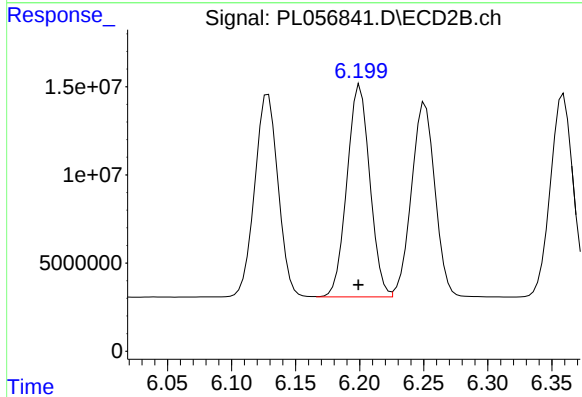
#11 alpha-Chlordane

R.T.: 5.499 min  
Delta R.T.: 0.004 min  
Response: 657287691  
Conc: 45.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

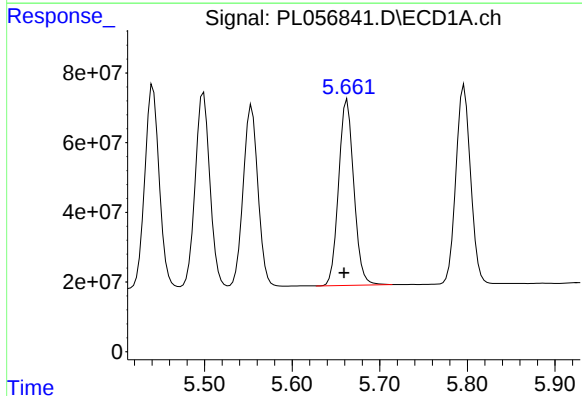
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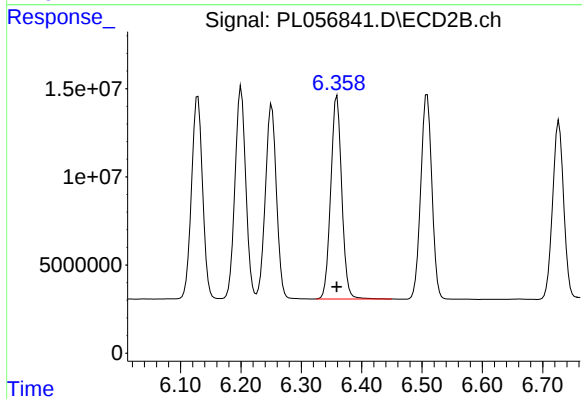
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.001 min  
Response: 149529171  
Conc: 52.55 ng/ml



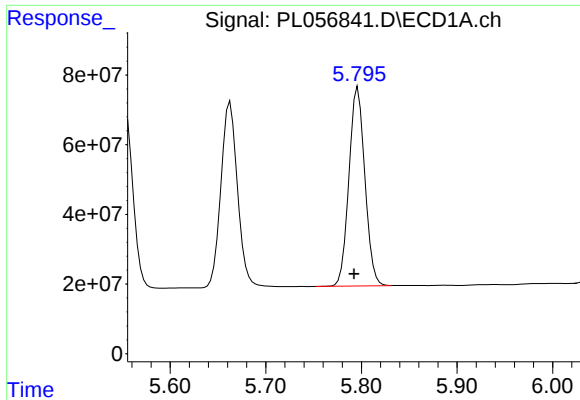
#12 4,4'-DDE

R.T.: 5.661 min  
Delta R.T.: 0.002 min  
Response: 644826702  
Conc: 45.84 ng/ml m



#12 4,4'-DDE

R.T.: 6.359 min  
Delta R.T.: 0.000 min  
Response: 145989003  
Conc: 53.01 ng/ml



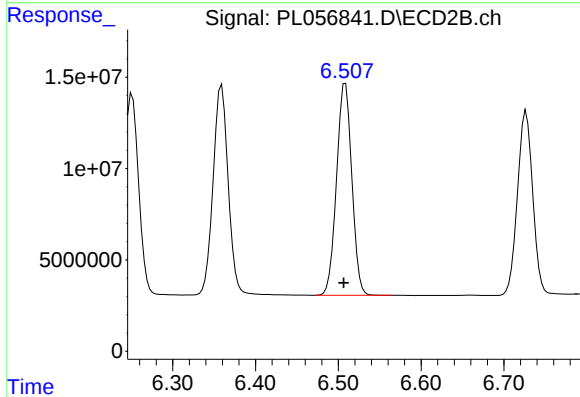
#13 Dieldrin

R.T.: 5.795 min  
Delta R.T.: 0.003 min  
Response: 663114425  
Conc: 44.49 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

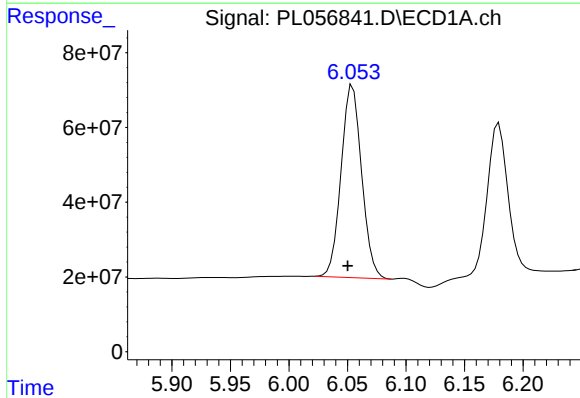
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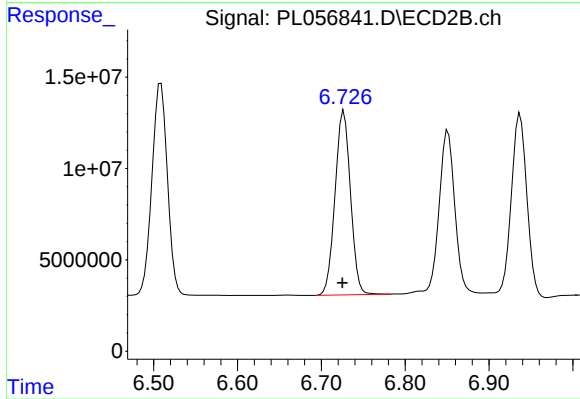
#13 Dieldrin

R.T.: 6.509 min  
Delta R.T.: 0.002 min  
Response: 148858712  
Conc: 52.08 ng/ml



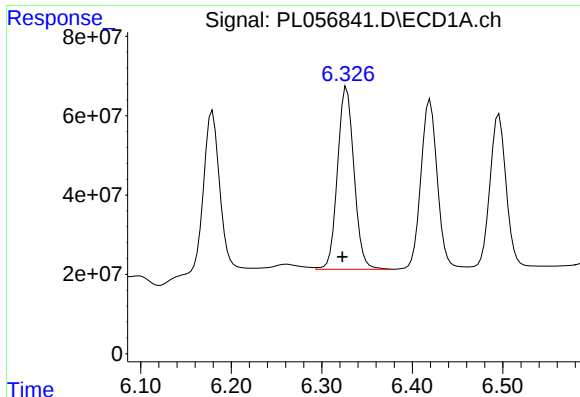
#14 Endrin

R.T.: 6.053 min  
Delta R.T.: 0.003 min  
Response: 629580471  
Conc: 46.65 ng/ml m



#14 Endrin

R.T.: 6.727 min  
Delta R.T.: 0.002 min  
Response: 129057680  
Conc: 52.39 ng/ml



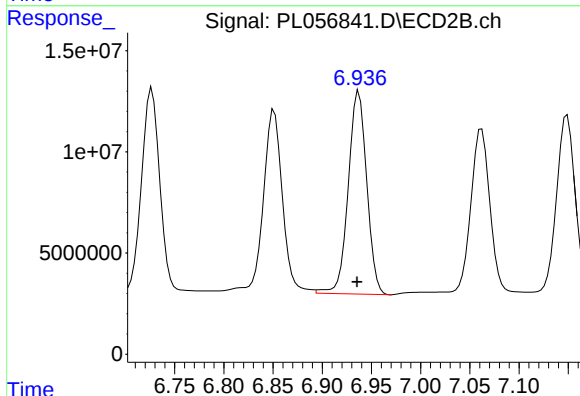
#15 Endosulfan II

R.T.: 6.326 min  
Delta R.T.: 0.003 min  
Response: 582433358  
Conc: 46.90 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

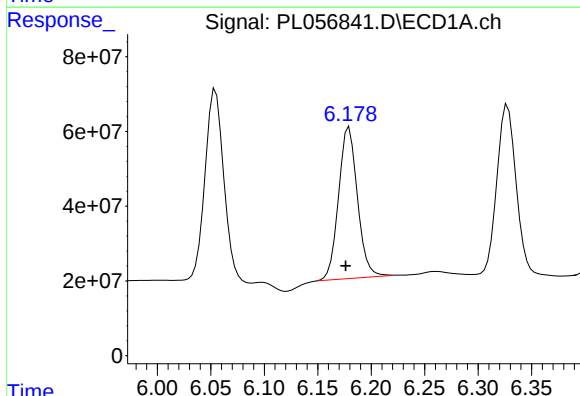
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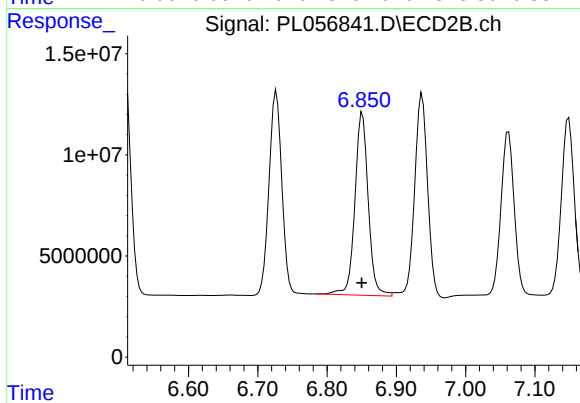
#15 Endosulfan II

R.T.: 6.937 min  
Delta R.T.: 0.002 min  
Response: 131423875  
Conc: 50.89 ng/ml



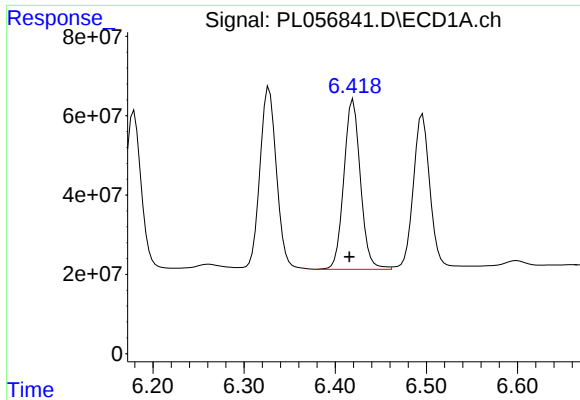
#16 4,4'-DDD

R.T.: 6.178 min  
Delta R.T.: 0.002 min  
Response: 497647149  
Conc: 44.49 ng/ml m



#16 4,4'-DDD

R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 120982120  
Conc: 52.54 ng/ml



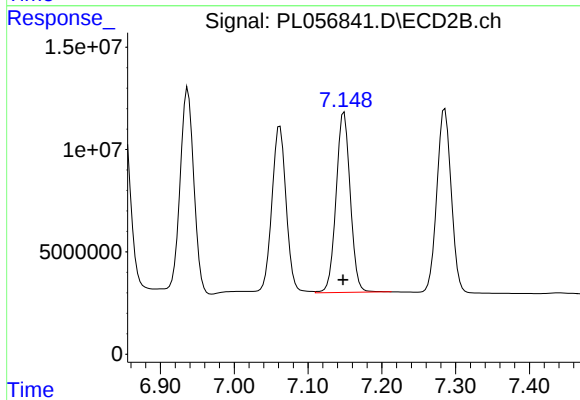
#17 4,4'-DDT

R.T.: 6.418 min  
Delta R.T.: 0.003 min  
Response: 541428568  
Conc: 49.72 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

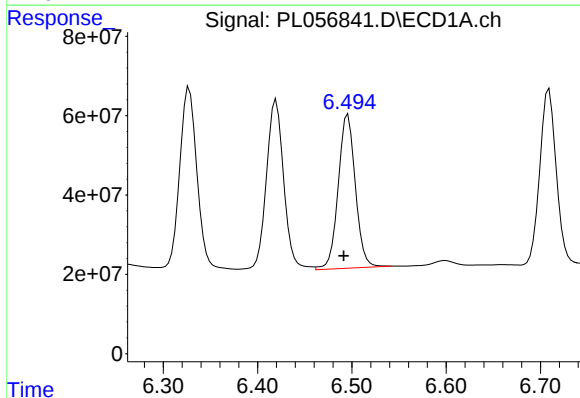
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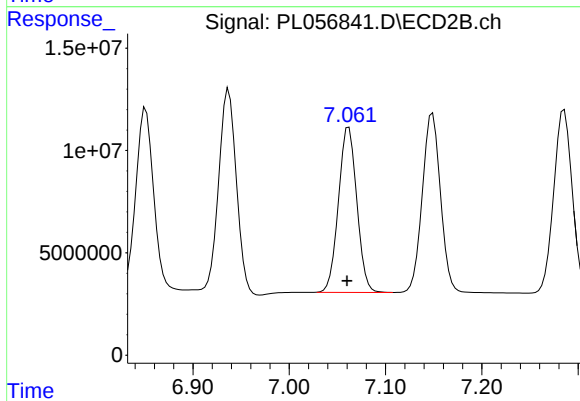
#17 4,4'-DDT

R.T.: 7.149 min  
Delta R.T.: 0.001 min  
Response: 117494998  
Conc: 56.47 ng/ml



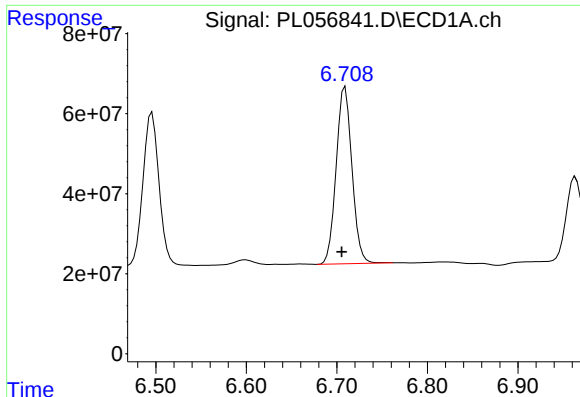
#18 Endrin aldehyde

R.T.: 6.496 min  
Delta R.T.: 0.005 min  
Response: 490690327  
Conc: 45.33 ng/ml



#18 Endrin aldehyde

R.T.: 7.061 min  
Delta R.T.: 0.000 min  
Response: 106704967  
Conc: 50.86 ng/ml m



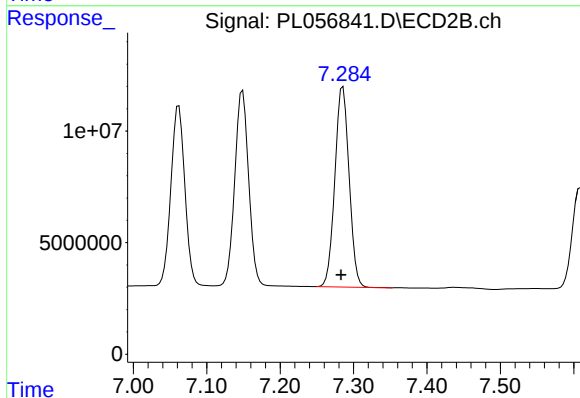
#19 Endosulfan Sulfate

R.T.: 6.709 min  
Delta R.T.: 0.004 min  
Response: 535147262  
Conc: 45.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

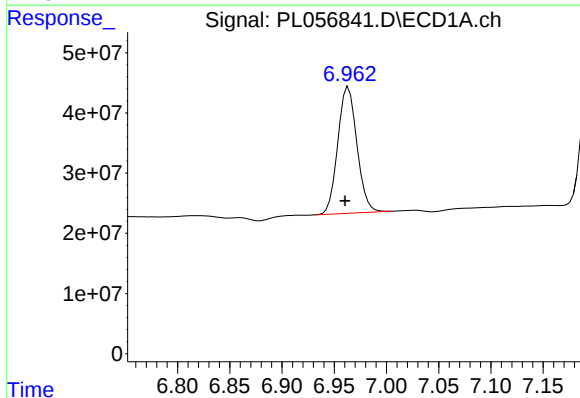
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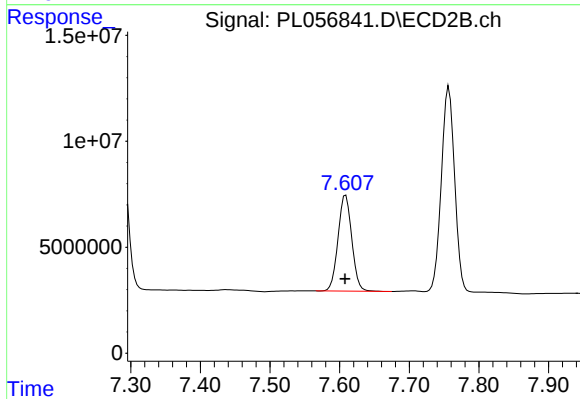
#19 Endosulfan Sulfate

R.T.: 7.286 min  
Delta R.T.: 0.002 min  
Response: 121068057  
Conc: 50.94 ng/ml



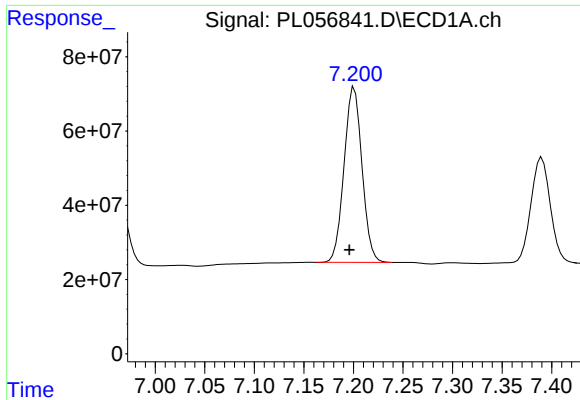
#20 Methoxychlor

R.T.: 6.964 min  
Delta R.T.: 0.003 min  
Response: 267081135  
Conc: 50.37 ng/ml



#20 Methoxychlor

R.T.: 7.609 min  
Delta R.T.: 0.001 min  
Response: 62308504  
Conc: 56.30 ng/ml



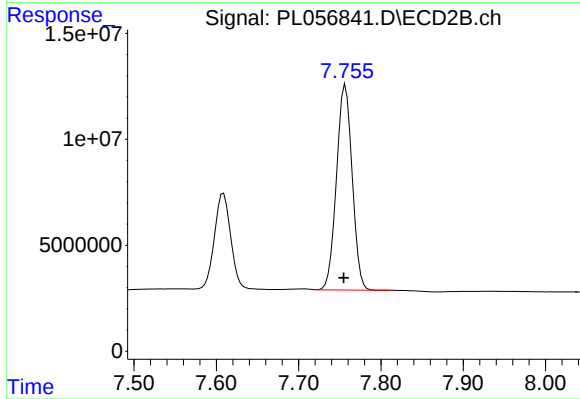
#21 Endrin ketone

R.T.: 7.201 min  
Delta R.T.: 0.005 min  
Response: 594712582  
Conc: 44.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

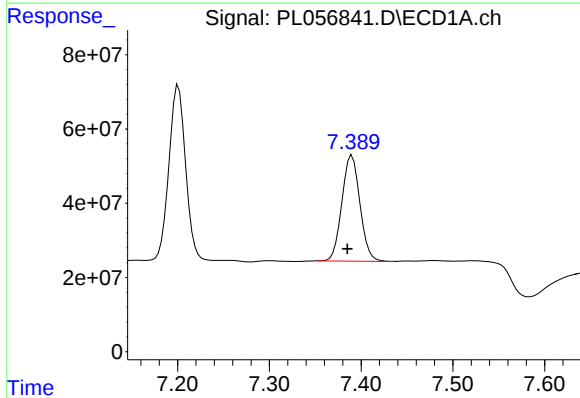
Manual Integrations  
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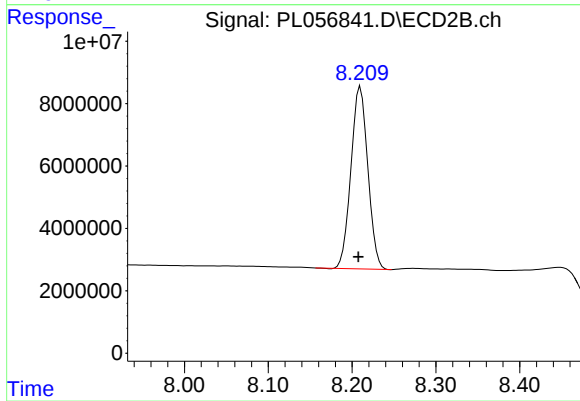
#21 Endrin ketone

R.T.: 7.757 min  
Delta R.T.: 0.002 min  
Response: 128405329  
Conc: 50.85 ng/ml



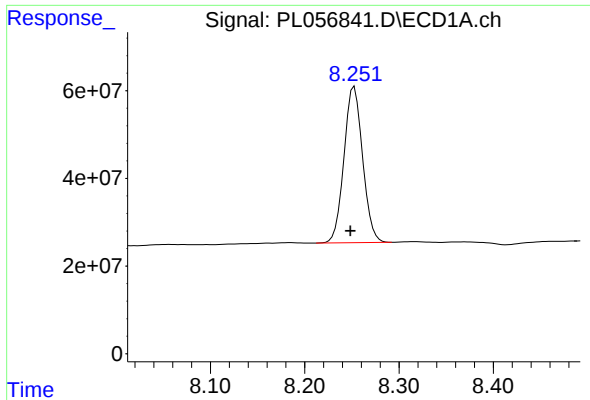
#22 Mirex

R.T.: 7.389 min  
Delta R.T.: 0.004 min  
Response: 389615572  
Conc: 46.43 ng/ml m



#22 Mirex

R.T.: 8.210 min  
Delta R.T.: 0.002 min  
Response: 82006802  
Conc: 48.81 ng/ml



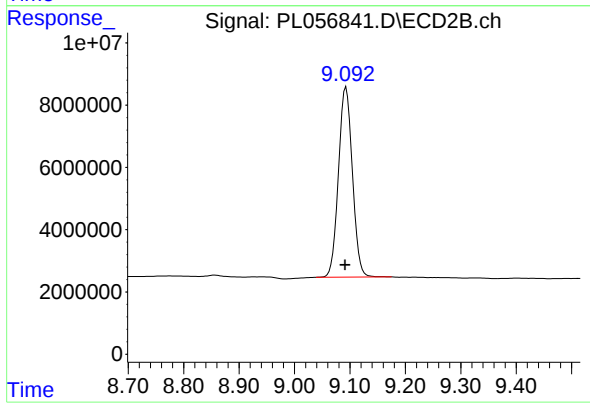
#28 Decachlorobiphenyl

R.T.: 8.253 min  
Delta R.T.: 0.004 min  
Response: 489280213  
Conc: 41.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: 0.002 min  
Response: 106640713  
Conc: 50.75 ng/ml