

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032620\  
 Data File : PL057638.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Mar 2020 06:56  
 Operator : AJ\MA  
 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: Mar 27 07:29:41 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 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... | 3.459 | 3.958 | 466.4E6 | 104.5E6  | 50.315 | 48.188  |
| 28)                         | SA Decachlor... | 8.206 | 8.981 | 444.4E6 | 94589056 | 42.000 | 42.658  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.896 | 4.345 | 804.4E6 | 161.8E6  | 50.495 | 50.370  |
| 3)                          | MA gamma-BHC... | 4.179 | 4.628 | 740.4E6 | 158.5E6  | 51.516 | 50.535  |
| 4)                          | MA Heptachlor   | 4.480 | 5.129 | 730.0E6 | 161.0E6  | 49.151 | 51.138  |
| 5)                          | MB Aldrin       | 4.728 | 5.431 | 692.0E6 | 158.7E6  | 50.163 | 52.007  |
| 6)                          | B beta-BHC      | 4.431 | 4.801 | 292.8E6 | 72559610 | 49.805 | 50.307  |
| 7)                          | B delta-BHC     | 4.636 | 5.014 | 720.7E6 | 148.5E6  | 51.348 | 56.644  |
| 8)                          | B Heptachlo...  | 5.170 | 5.814 | 630.2E6 | 152.9E6  | 49.171 | 56.024m |
| 9)                          | A Endosulfan I  | 5.509 | 6.171 | 574.2E6 | 144.3E6  | 48.293 | 50.707  |
| 10)                         | B gamma-Chl...  | 5.398 | 6.049 | 632.4E6 | 159.7E6  | 48.495 | 51.821  |
| 11)                         | B alpha-Chl...  | 5.455 | 6.122 | 621.1E6 | 159.7E6  | 48.060 | 51.318  |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.281 | 596.2E6 | 144.5E6  | 47.868 | 50.825  |
| 13)                         | MA Dieldrin     | 5.752 | 6.426 | 612.4E6 | 150.0E6  | 48.551 | 50.713  |
| 14)                         | MA Endrin       | 6.009 | 6.643 | 506.2E6 | 114.0E6  | 44.285 | 47.247  |
| 15)                         | B Endosulfa...  | 6.282 | 6.853 | 515.7E6 | 124.5E6  | 47.480 | 47.393  |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.769 | 493.4E6 | 117.4E6  | 50.339 | 51.414  |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.066 | 437.4E6 | 100.5E6  | 43.858 | 44.115  |
| 18)                         | B Endrin al...  | 6.450 | 6.977 | 434.8E6 | 106.9E6  | 47.079 | 48.077  |
| 19)                         | B Endosulfa...  | 6.663 | 7.200 | 481.4E6 | 114.7E6  | 47.938 | 47.034  |
| 20)                         | A Methoxychlor  | 6.919 | 7.525 | 225.3E6 | 54730402 | 41.989 | 42.081  |
| 21)                         | B Endrin ke...  | 7.153 | 7.667 | 555.0E6 | 122.2E6  | 49.102 | 47.201  |
| 22)                         | Mirex           | 7.341 | 8.117 | 361.8E6 | 83913376 | 44.673 | 43.944  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032620\  
 Data File : PL057638.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Mar 2020 06:56  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

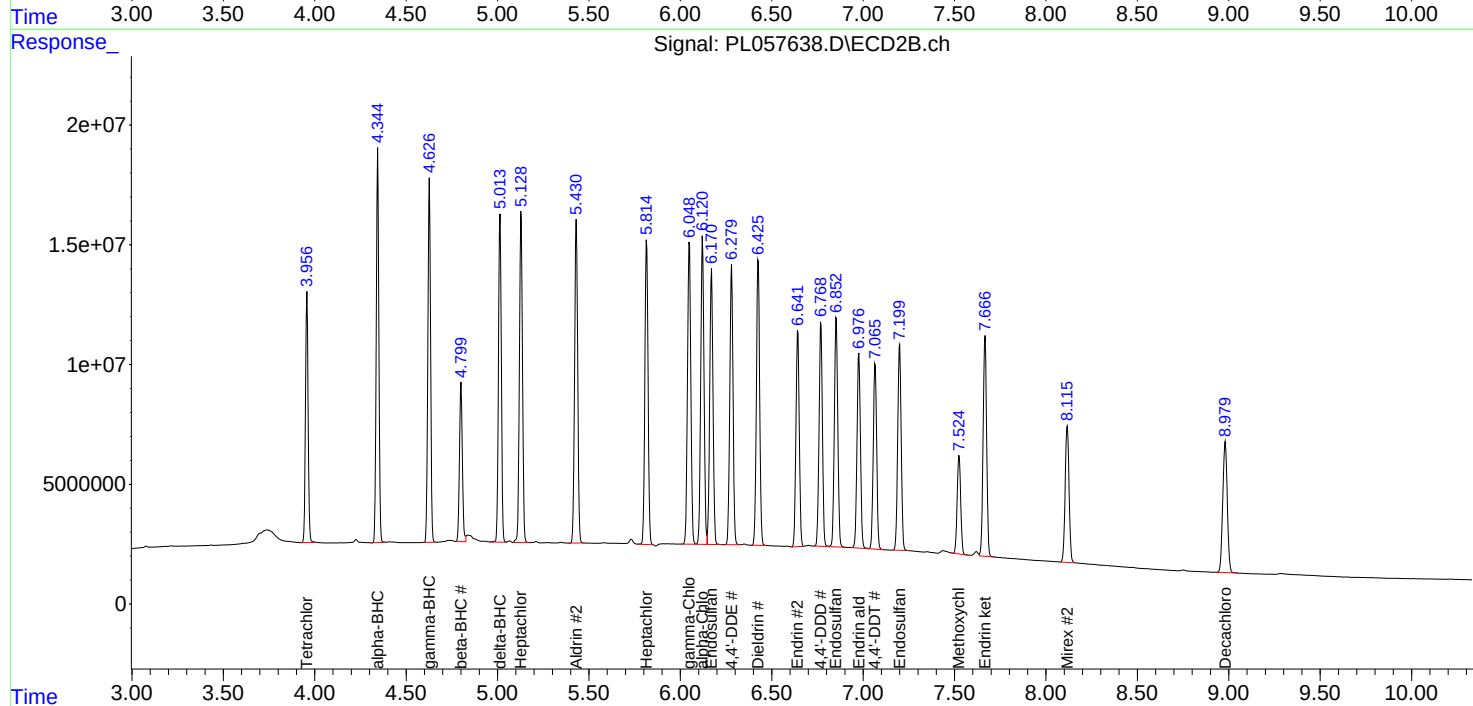
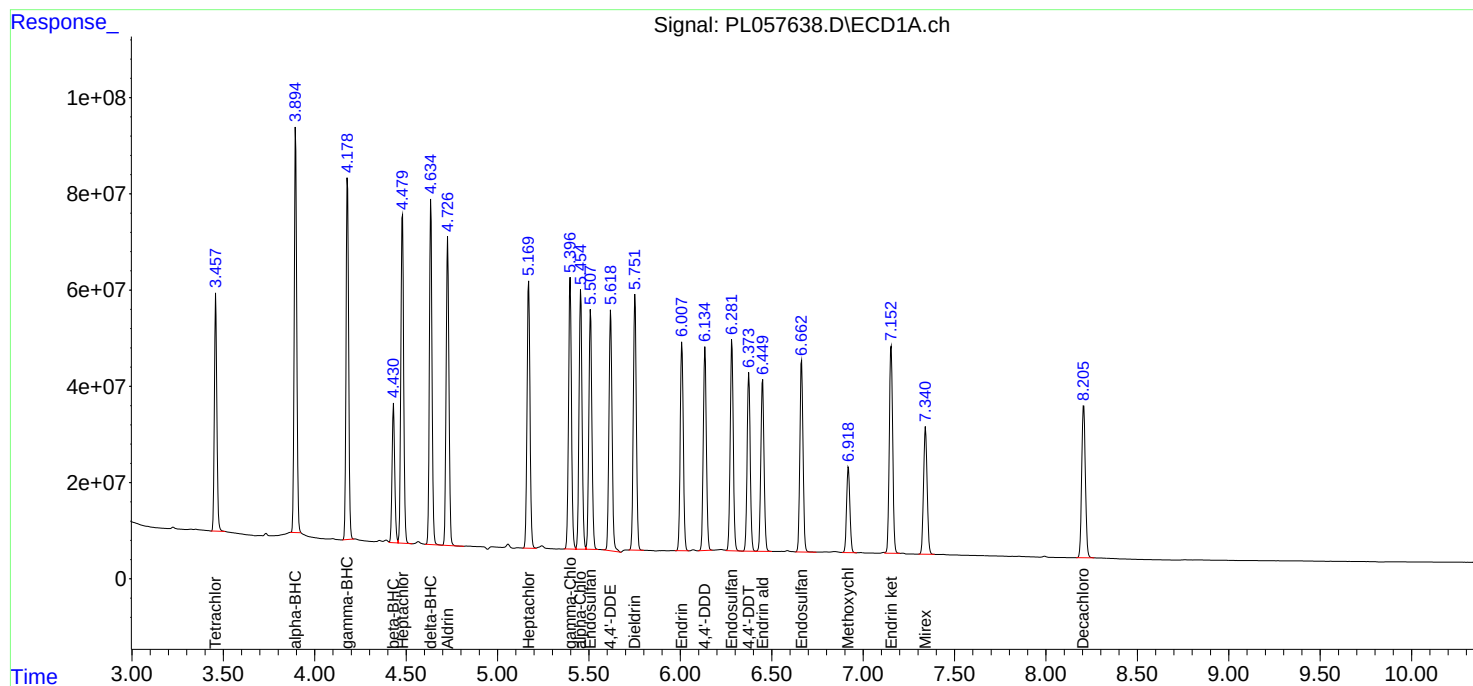
Instrument :  
 ECD\_L  
 ClientSampled :  
 PSTDCCC050

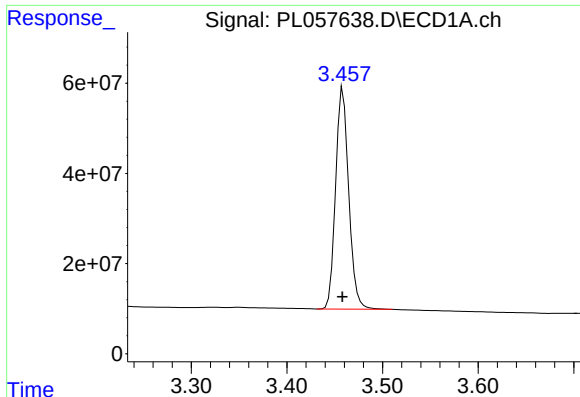
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 27 07:29:41 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
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Volume Inj. : 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





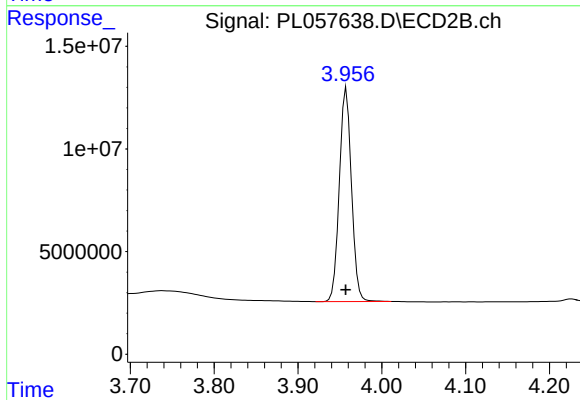
#1 Tetrachloro-m-xylene

R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 466393698  
Conc: 50.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

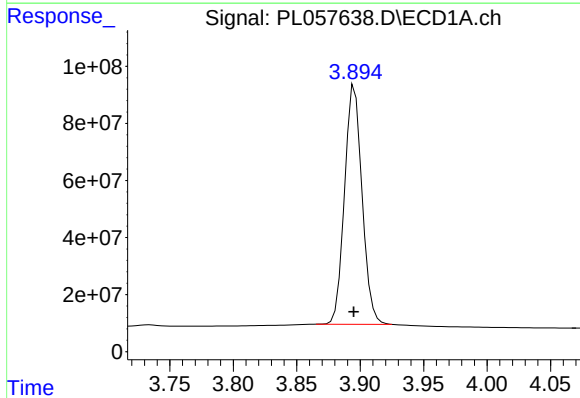
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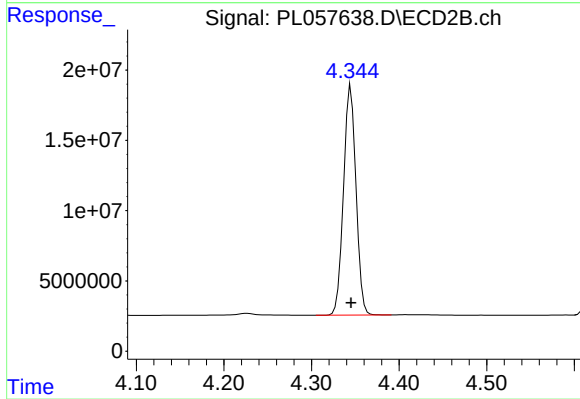
#1 Tetrachloro-m-xylene

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 104547239  
Conc: 48.19 ng/ml



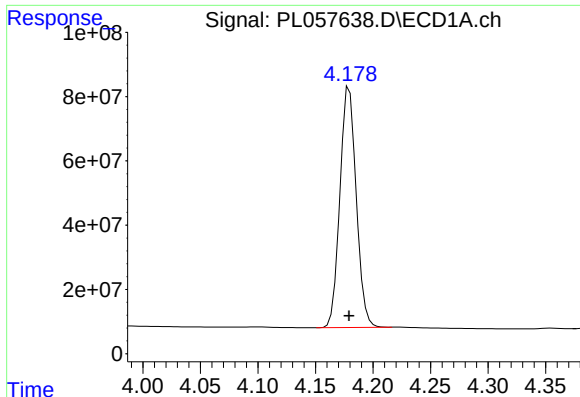
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 804360070  
Conc: 50.50 ng/ml



#2 alpha-BHC

R.T.: 4.345 min  
Delta R.T.: 0.000 min  
Response: 161790407  
Conc: 50.37 ng/ml



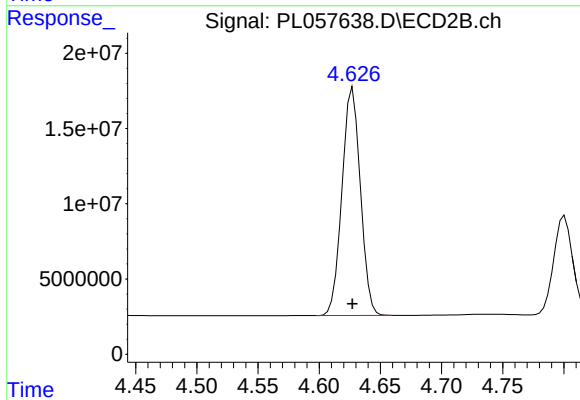
#3 gamma-BHC (Lindane)

R.T.: 4.179 min  
Delta R.T.: 0.000 min  
Response: 740421529  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

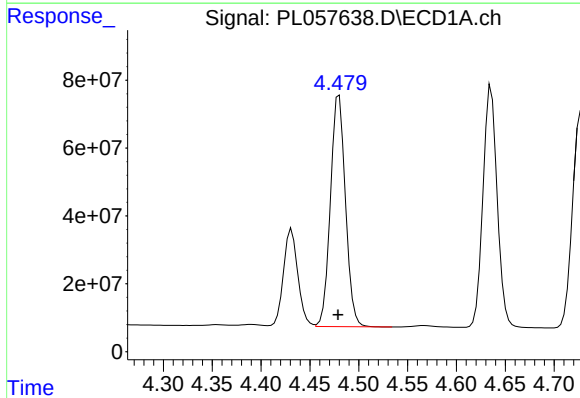
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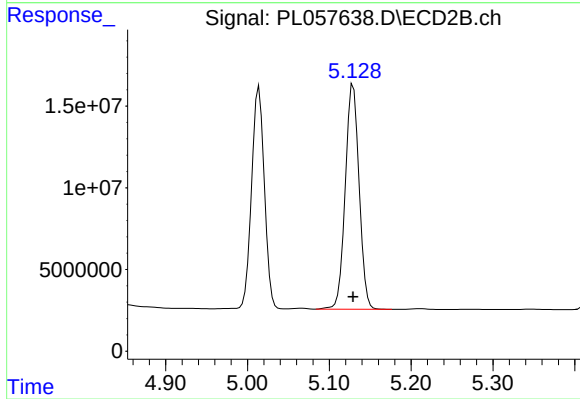
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: 0.000 min  
Response: 158549845  
Conc: 50.53 ng/ml



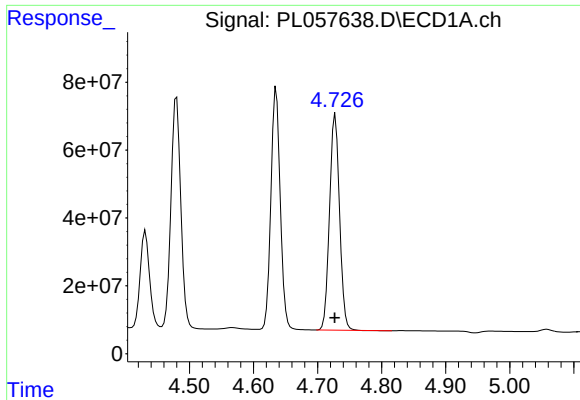
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 730010037  
Conc: 49.15 ng/ml



#4 Heptachlor

R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 160969126  
Conc: 51.14 ng/ml



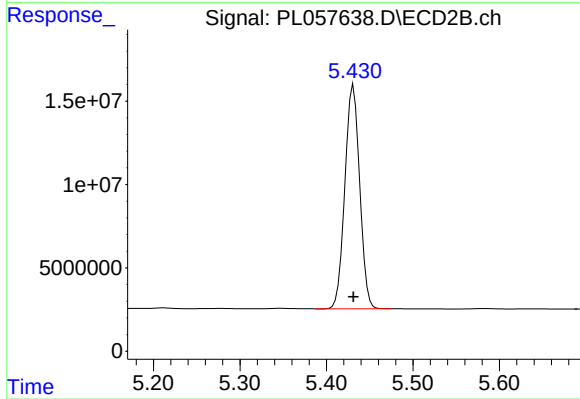
#5 Aldrin

R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 691970592  
Conc: 50.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

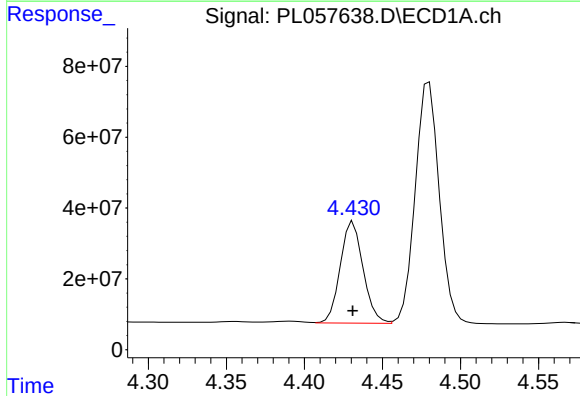
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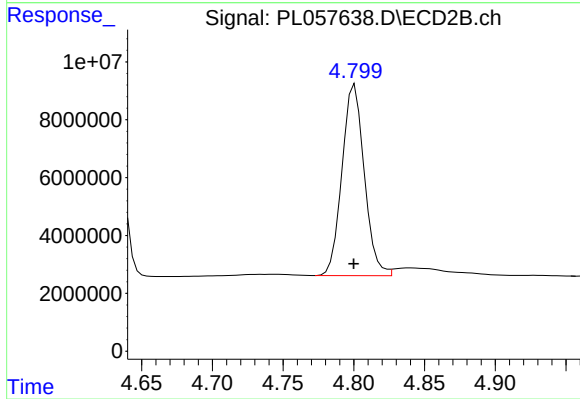
#5 Aldrin

R.T.: 5.431 min  
Delta R.T.: 0.000 min  
Response: 158660521  
Conc: 52.01 ng/ml



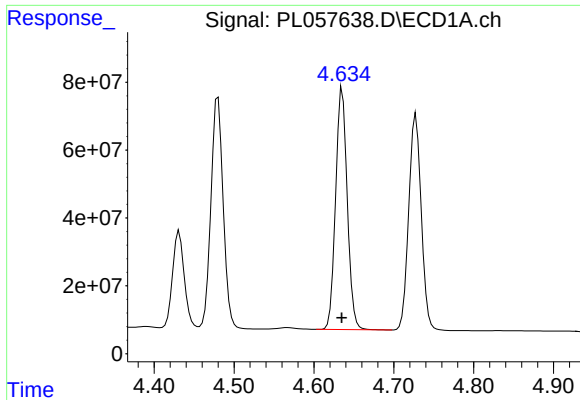
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 292806767  
Conc: 49.80 ng/ml



#6 beta-BHC

R.T.: 4.801 min  
Delta R.T.: 0.000 min  
Response: 72559610  
Conc: 50.31 ng/ml



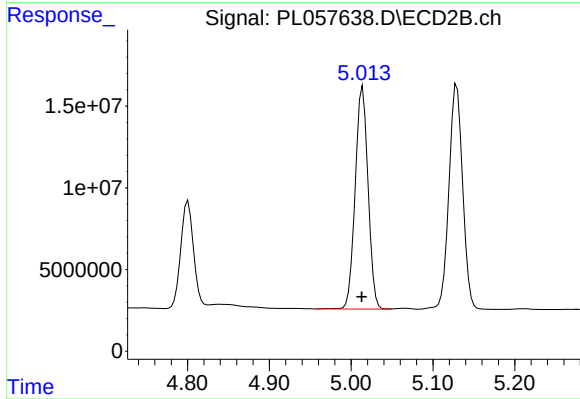
#7 delta-BHC

R.T.: 4.636 min  
Delta R.T.: 0.000 min  
Response: 720678239  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

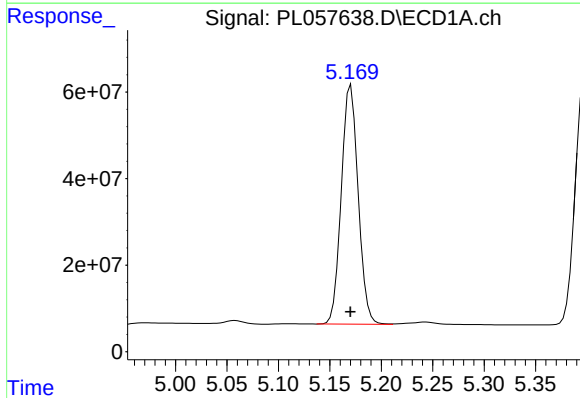
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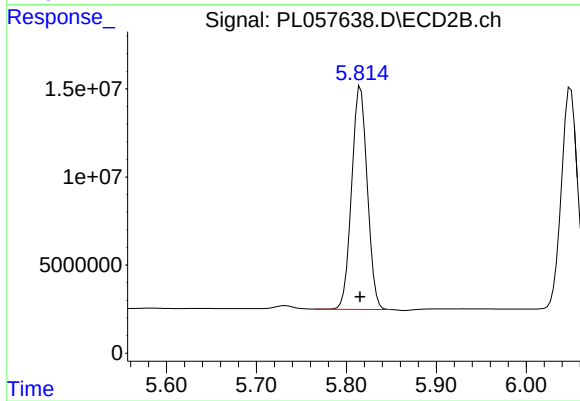
#7 delta-BHC

R.T.: 5.014 min  
Delta R.T.: 0.001 min  
Response: 148521330  
Conc: 56.64 ng/ml



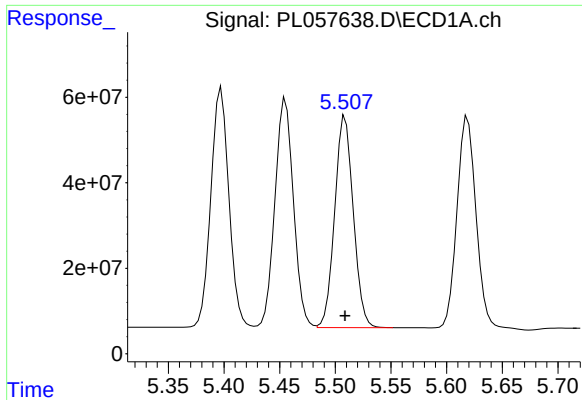
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 630173107  
Conc: 49.17 ng/ml



#8 Heptachlor epoxide

R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 152870976  
Conc: 56.02 ng/ml m



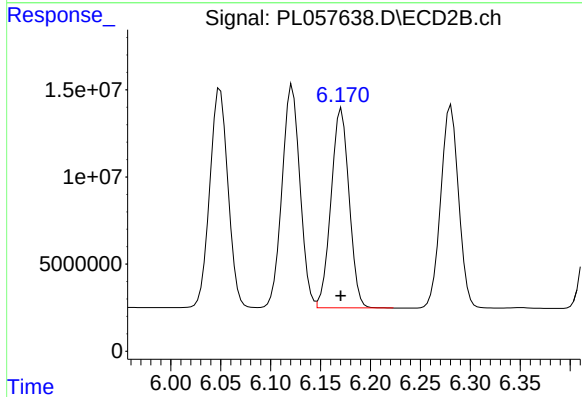
#9 Endosulfan I

R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 574200144  
Conc: 48.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

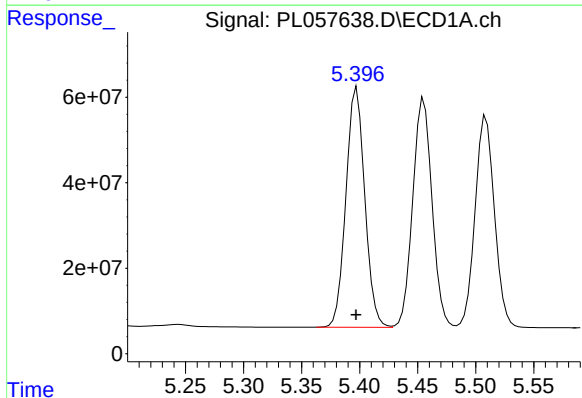
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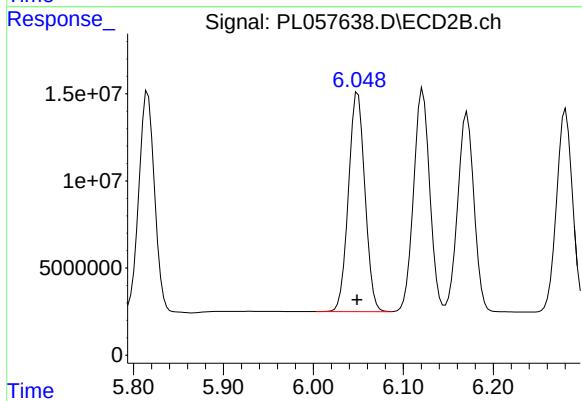
#9 Endosulfan I

R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 144278467  
Conc: 50.71 ng/ml



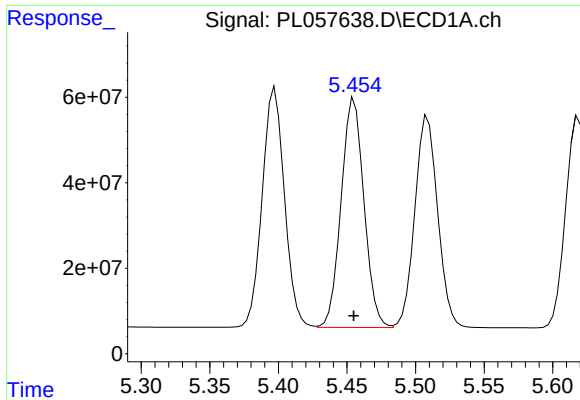
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 632377878  
Conc: 48.49 ng/ml



#10 gamma-Chlordane

R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 159718700  
Conc: 51.82 ng/ml



#11 alpha-Chlordane

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 621060912  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

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#11 alpha-Chlordane

R.T.: 6.122 min  
Delta R.T.: 0.001 min  
Response: 159734685  
Conc: 51.32 ng/ml

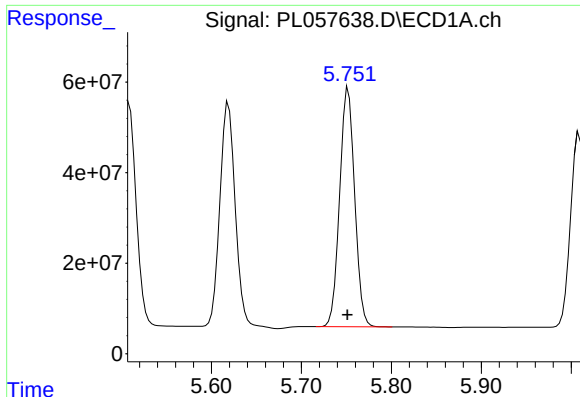
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 596227496  
Conc: 47.87 ng/ml

#12 4,4'-DDE

R.T.: 6.281 min  
Delta R.T.: 0.001 min  
Response: 144467761  
Conc: 50.83 ng/ml





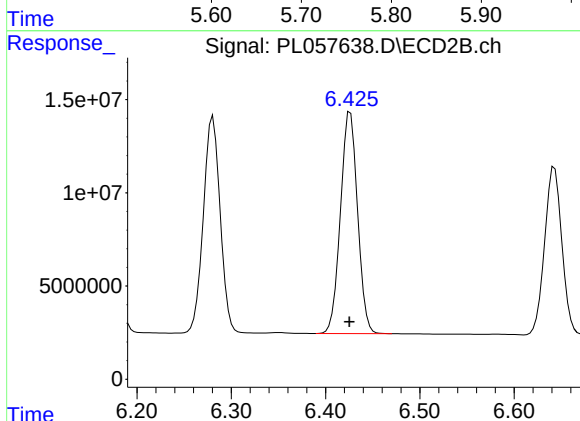
#13 Dieldrin

R.T.: 5.752 min  
Delta R.T.: 0.001 min  
Response: 612357839  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

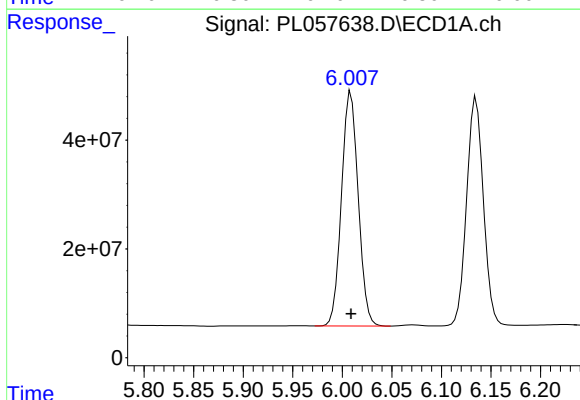
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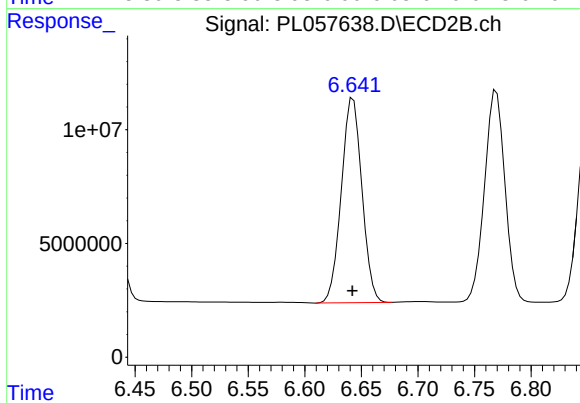
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 150008712  
Conc: 50.71 ng/ml



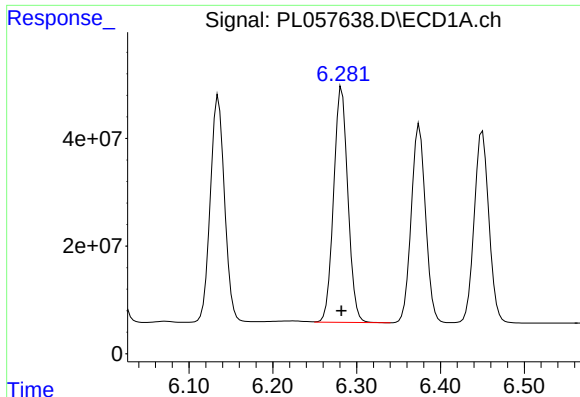
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.000 min  
Response: 506241156  
Conc: 44.29 ng/ml



#14 Endrin

R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 113996227  
Conc: 47.25 ng/ml



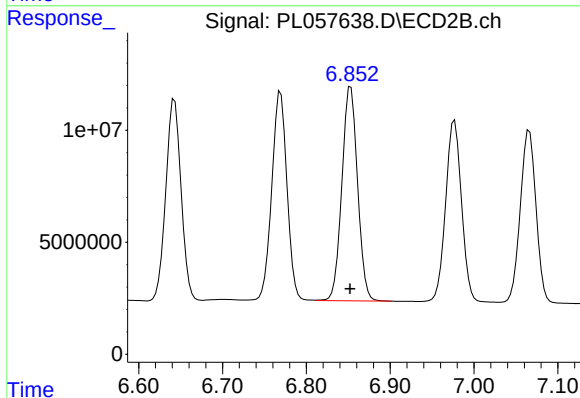
#15 Endosulfan II

R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 515676526  
Conc: 47.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

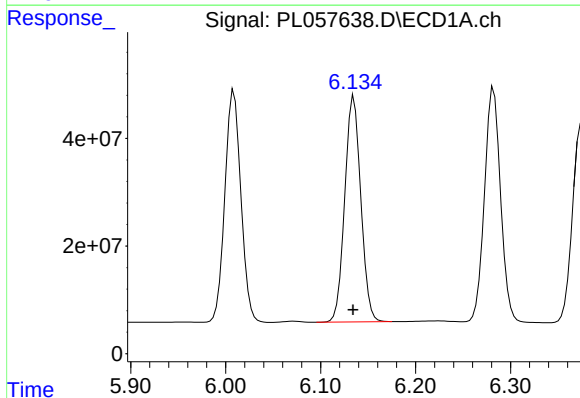
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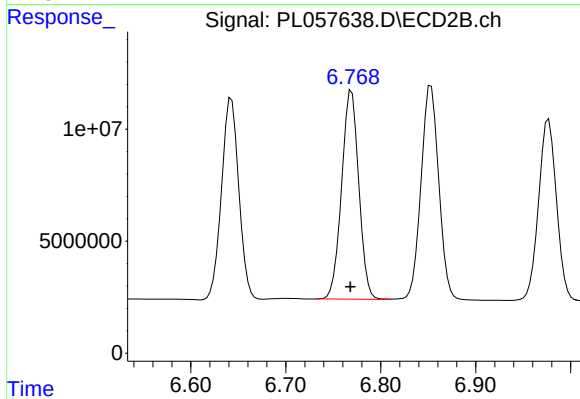
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 124494037  
Conc: 47.39 ng/ml



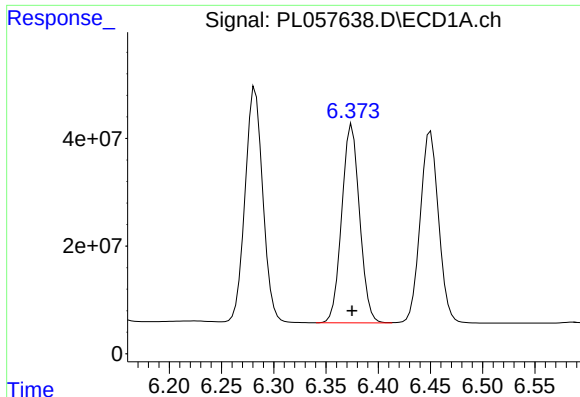
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.001 min  
Response: 493390098  
Conc: 50.34 ng/ml



#16 4,4'-DDD

R.T.: 6.769 min  
Delta R.T.: 0.001 min  
Response: 117416118  
Conc: 51.41 ng/ml



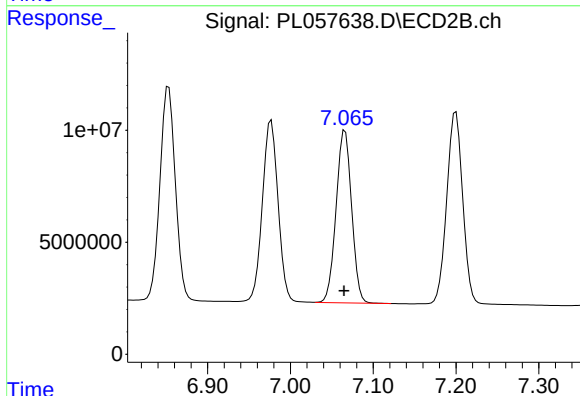
#17 4,4'-DDT

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 437386228  
Conc: 43.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

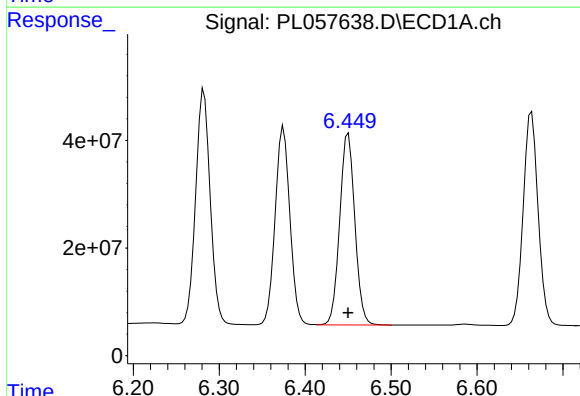
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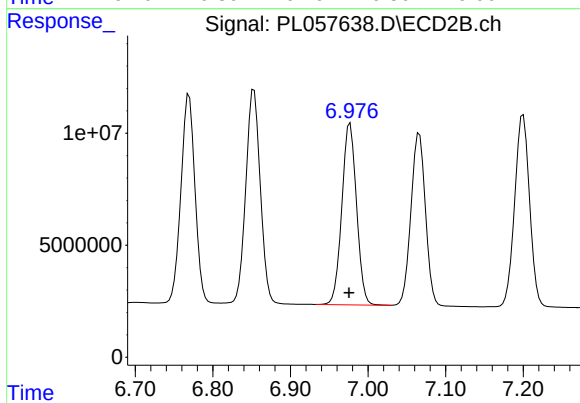
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.001 min  
Response: 100479821  
Conc: 44.12 ng/ml



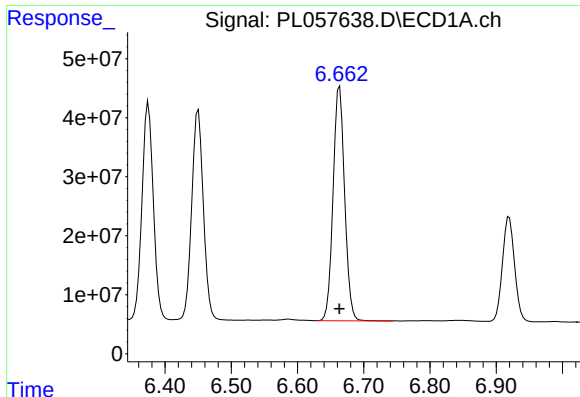
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 434785685  
Conc: 47.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.977 min  
Delta R.T.: 0.001 min  
Response: 106877478  
Conc: 48.08 ng/ml



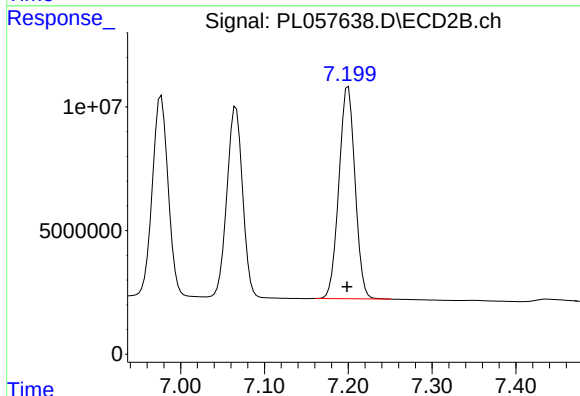
#19 Endosulfan Sulfate

R.T.: 6.663 min  
Delta R.T.: 0.000 min  
Response: 481414976  
Conc: 47.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

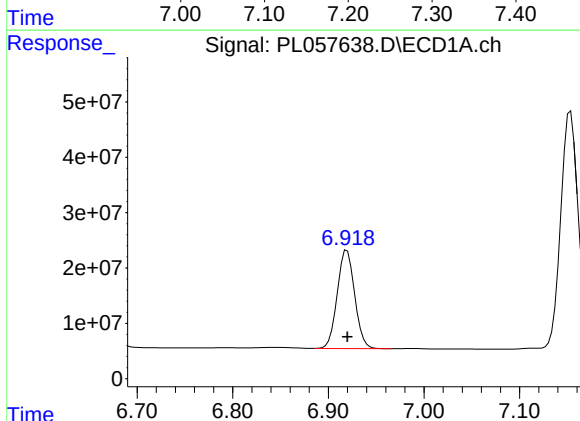
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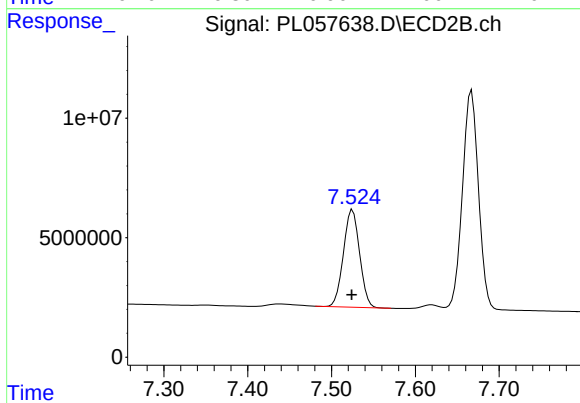
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.001 min  
Response: 114717717  
Conc: 47.03 ng/ml



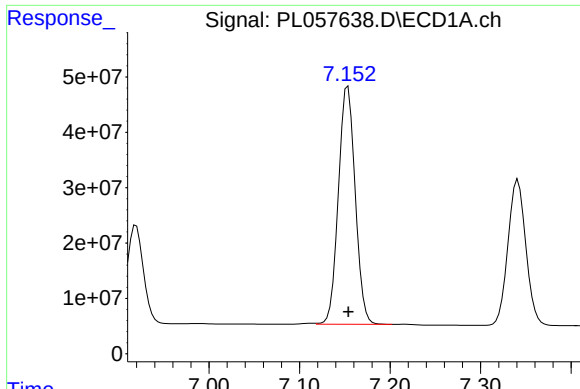
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: 0.000 min  
Response: 225304848  
Conc: 41.99 ng/ml



#20 Methoxychlor

R.T.: 7.525 min  
Delta R.T.: 0.001 min  
Response: 54730402  
Conc: 42.08 ng/ml



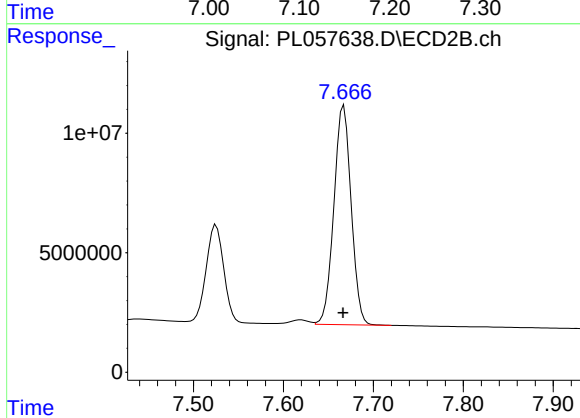
#21 Endrin ketone

R.T.: 7.153 min  
Delta R.T.: 0.000 min  
Response: 554983148  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

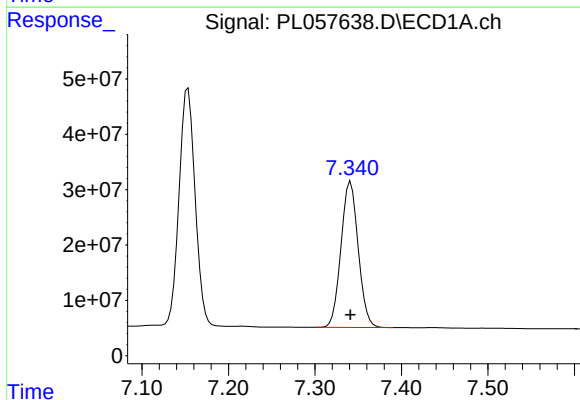
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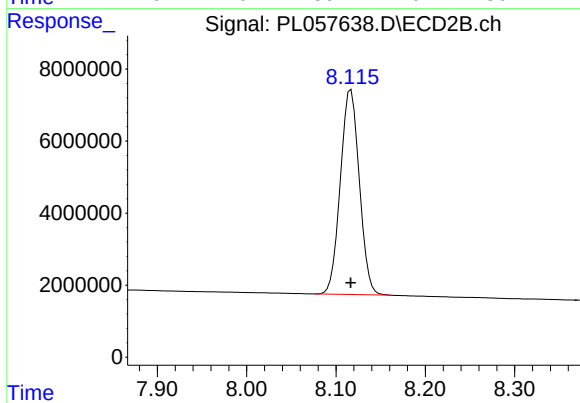
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: 0.000 min  
Response: 122184254  
Conc: 47.20 ng/ml



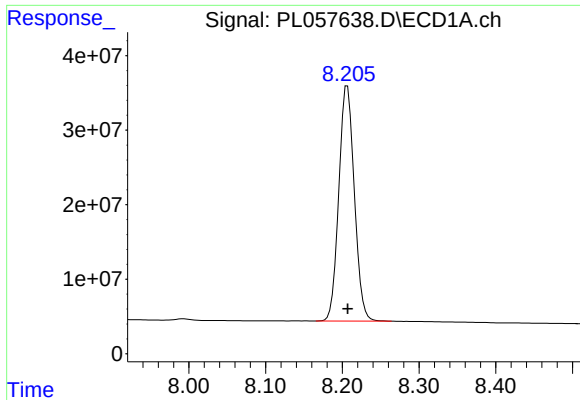
#22 Mirex

R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 361823356  
Conc: 44.67 ng/ml



#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 83913376  
Conc: 43.94 ng/ml



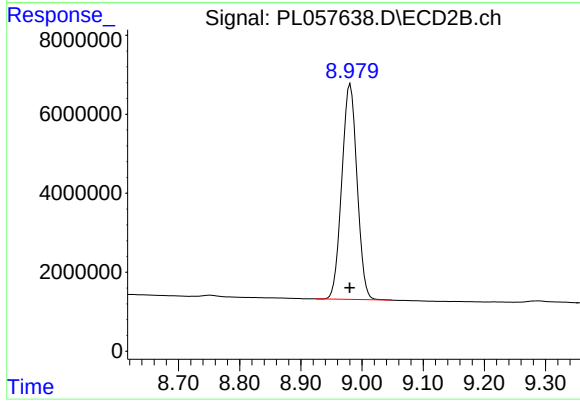
#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: 0.000 min  
Response: 444409726  
Conc: 42.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: 0.000 min  
Response: 94589056  
Conc: 42.66 ng/ml