

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090319\  
 Data File : PL052197.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2019 18:59  
 Operator : SG\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: Sep 04 08:33:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 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... | 3.313 | 3.924 | 457.4E6 | 113.0E6  | 53.443 | 51.716  |
| 28)                         | SA Decachlor... | 7.970 | 8.947 | 579.7E6 | 130.7E6  | 47.757 | 42.944m |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.740 | 4.312 | 778.8E6 | 166.4E6  | 53.747 | 51.637  |
| 3)                          | MA gamma-BHC... | 4.015 | 4.595 | 741.1E6 | 161.8E6  | 56.326 | 51.384  |
| 4)                          | MA Heptachlor   | 4.298 | 5.096 | 791.4E6 | 174.2E6  | 52.274 | 49.673  |
| 5)                          | MB Aldrin       | 4.536 | 5.397 | 788.0E6 | 169.1E6  | 54.532 | 51.558  |
| 6)                          | B beta-BHC      | 4.270 | 4.772 | 308.1E6 | 76838218 | 53.965 | 52.722  |
| 7)                          | B delta-BHC     | 4.462 | 4.985 | 803.2E6 | 165.9E6  | 54.021 | 53.006  |
| 8)                          | B Heptachlor... | 4.972 | 5.784 | 727.7E6 | 170.1E6  | 52.034 | 50.393  |
| 9)                          | A Endosulfan I  | 5.302 | 6.138 | 691.2E6 | 161.1E6  | 51.416 | 49.829  |
| 10)                         | B gamma-Chl...  | 5.194 | 6.018 | 778.2E6 | 174.3E6  | 52.113 | 47.742  |
| 11)                         | B alpha-Chl...  | 5.249 | 6.089 | 754.5E6 | 173.2E6  | 52.136 | 50.201  |
| 12)                         | B 4,4'-DDE      | 5.417 | 6.249 | 629.3E6 | 172.0E6  | 45.984 | 48.853  |
| 13)                         | MA Dieldrin     | 5.540 | 6.395 | 779.5E6 | 171.7E6  | 51.270 | 50.149  |
| 14)                         | MA Endrin       | 5.792 | 6.610 | 687.1E6 | 143.7E6  | 47.104 | 47.498m |
| 15)                         | B Endosulfa...  | 6.068 | 6.824 | 698.6E6 | 156.5E6  | 50.205 | 47.483  |
| 16)                         | A 4,4'-DDD      | 5.927 | 6.740 | 627.0E6 | 138.4E6  | 51.200 | 51.137  |
| 17)                         | MA 4,4'-DDT     | 6.161 | 7.035 | 597.2E6 | 132.9E6  | 46.835 | 45.388m |
| 18)                         | B Endrin al...  | 6.234 | 6.949 | 580.5E6 | 134.4E6  | 49.897 | 47.542  |
| 19)                         | B Endosulfa...  | 6.446 | 7.171 | 637.7E6 | 147.5E6  | 49.022 | 47.750  |
| 20)                         | A Methoxychlor  | 6.705 | 7.497 | 311.2E6 | 72544508 | 45.894 | 43.253  |
| 21)                         | B Endrin ke...  | 6.927 | 7.640 | 736.8E6 | 157.7E6  | 52.085 | 49.291  |
| 22)                         | Mirex           | 7.099 | 8.086 | 518.7E6 | 117.3E6  | 48.991 | 48.223  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090319\  
Data File : PL052197.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Sep 2019 18:59  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

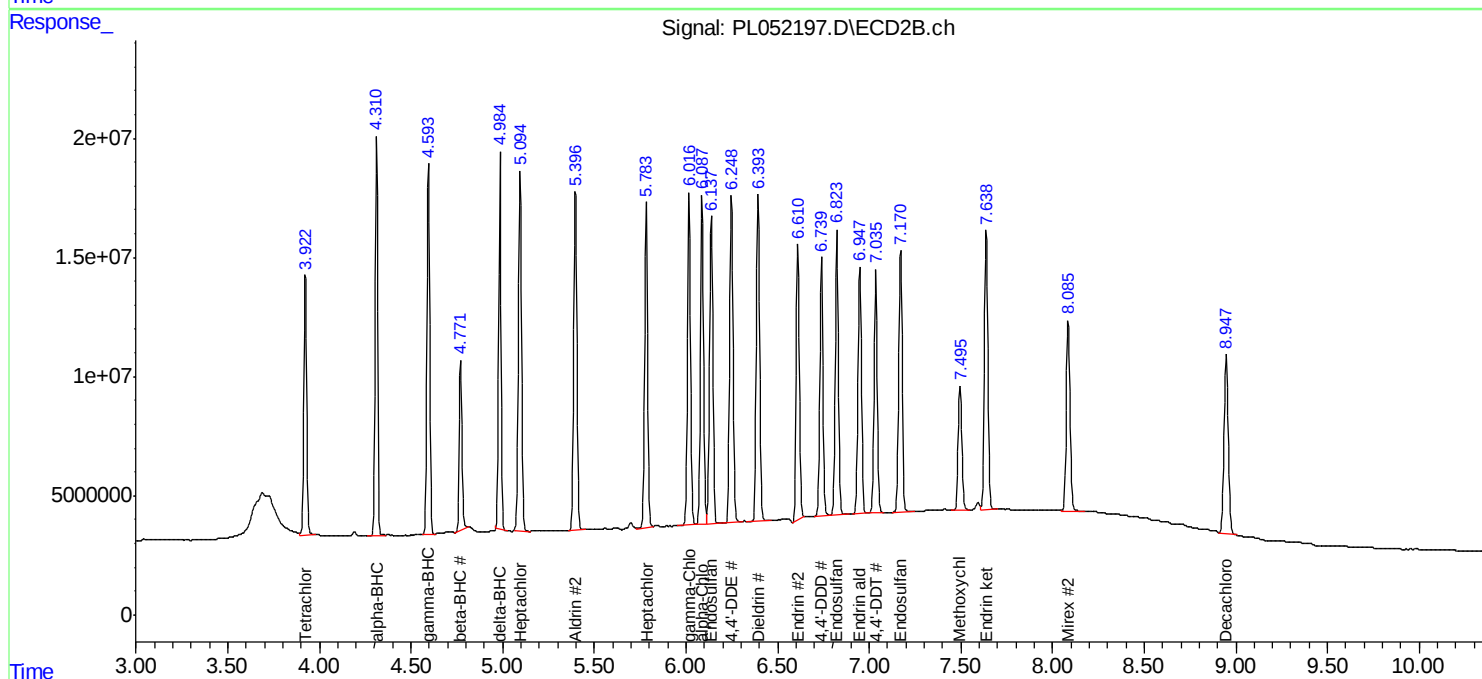
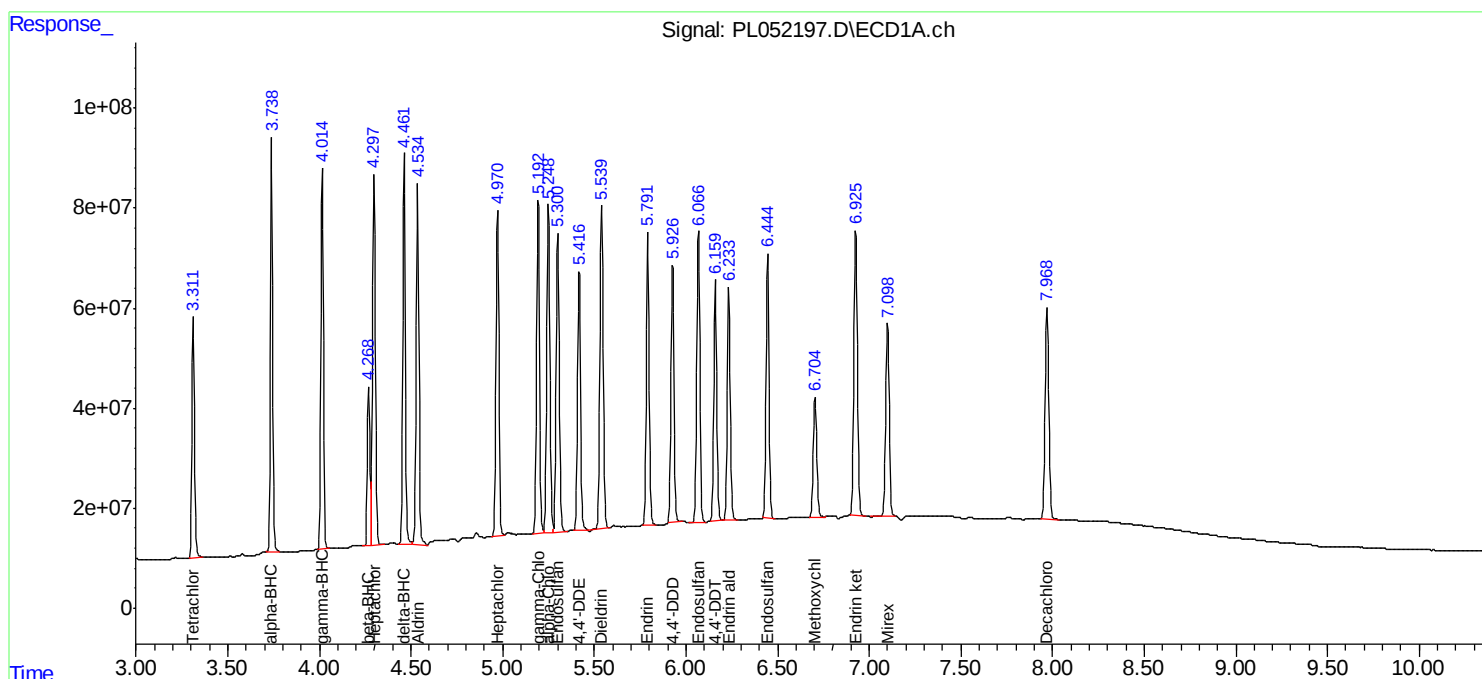
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

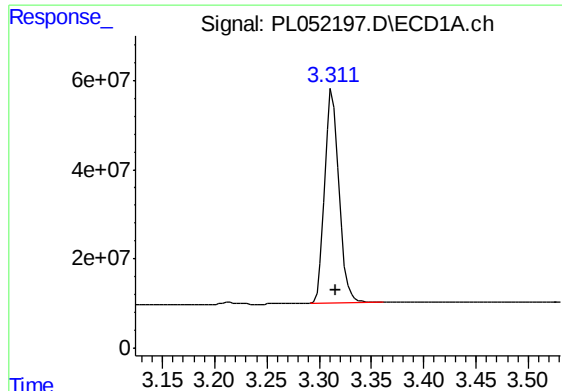
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 04 08:33:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
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





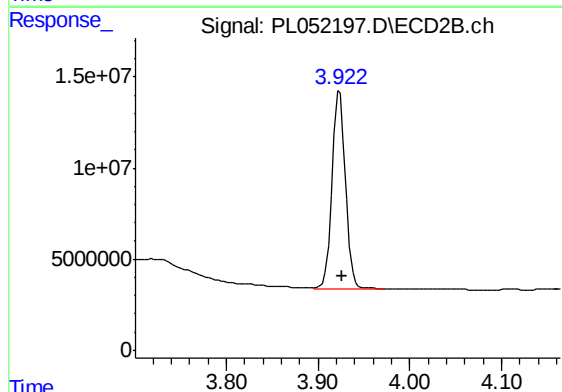
#1 Tetrachloro-m-xylene

R.T.: 3.313 min  
Delta R.T.: -0.003 min  
Response: 457397889  
Conc: 53.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

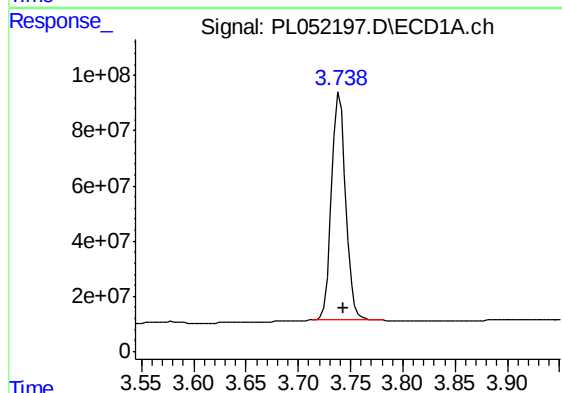
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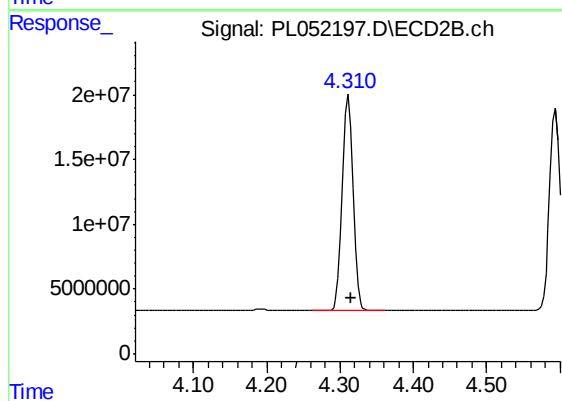
#1 Tetrachloro-m-xylene

R.T.: 3.924 min  
Delta R.T.: -0.003 min  
Response: 112990174  
Conc: 51.72 ng/ml



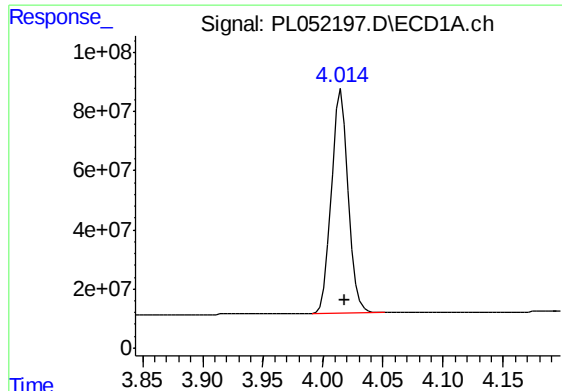
#2 alpha-BHC

R.T.: 3.740 min  
Delta R.T.: -0.003 min  
Response: 778783159  
Conc: 53.75 ng/ml



#2 alpha-BHC

R.T.: 4.312 min  
Delta R.T.: -0.003 min  
Response: 166392307  
Conc: 51.64 ng/ml



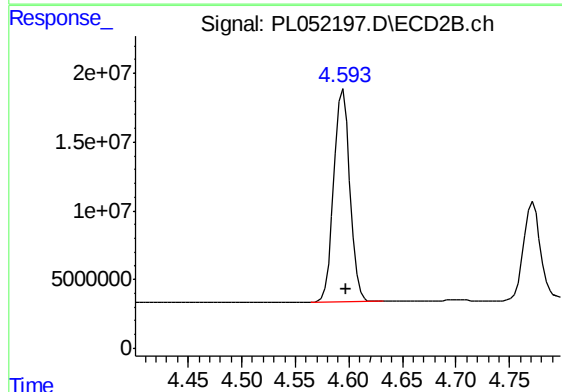
#3 gamma-BHC (Lindane)

R.T.: 4.015 min  
Delta R.T.: -0.003 min  
Response: 741055618  
Conc: 56.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

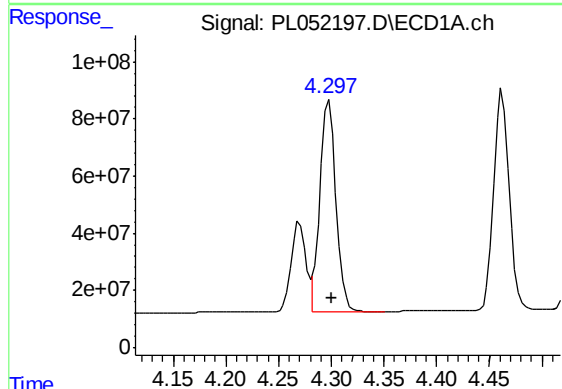
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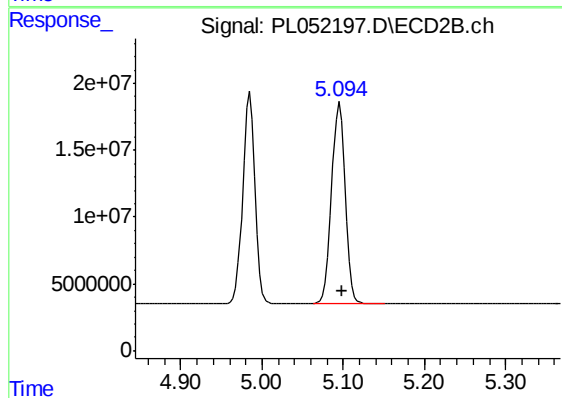
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.003 min  
Response: 161771637  
Conc: 51.38 ng/ml



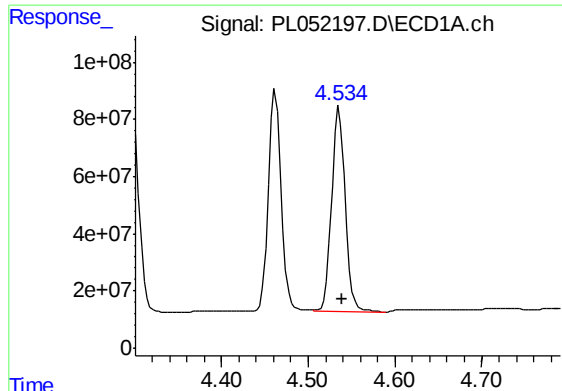
#4 Heptachlor

R.T.: 4.298 min  
Delta R.T.: -0.003 min  
Response: 791365858  
Conc: 52.27 ng/ml



#4 Heptachlor

R.T.: 5.096 min  
Delta R.T.: -0.004 min  
Response: 174199751  
Conc: 49.67 ng/ml



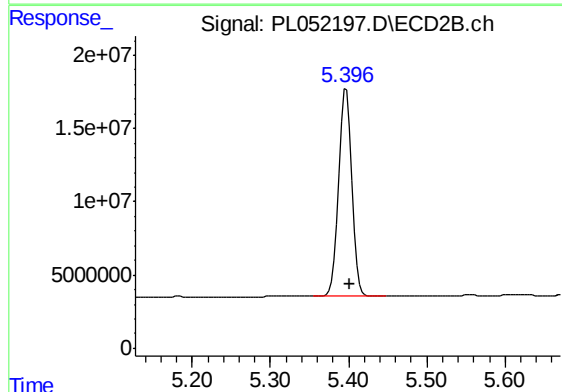
#5 Aldrin

R.T.: 4.536 min  
Delta R.T.: -0.003 min  
Response: 788031719  
Conc: 54.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

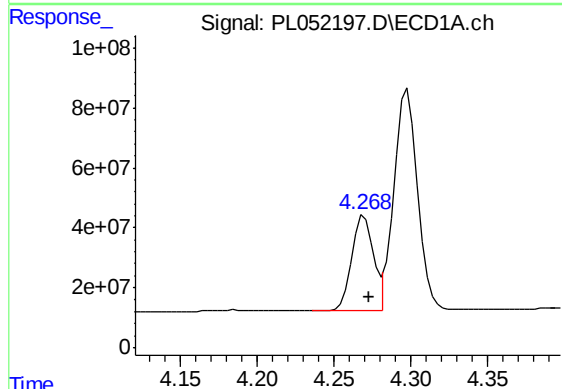
Manual Integrations  
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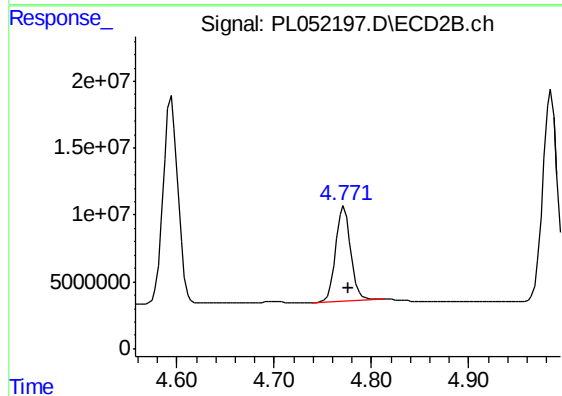
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 169054001  
Conc: 51.56 ng/ml



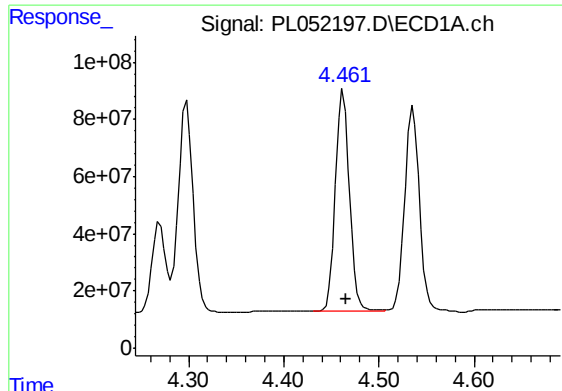
#6 beta-BHC

R.T.: 4.270 min  
Delta R.T.: -0.003 min  
Response: 308145542  
Conc: 53.97 ng/ml



#6 beta-BHC

R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 76838218  
Conc: 52.72 ng/ml



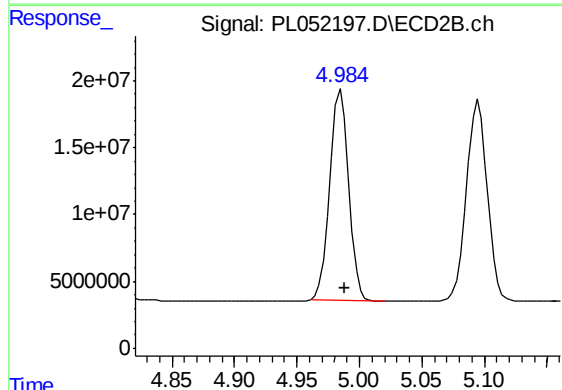
#7 delta-BHC

R.T.: 4.462 min  
Delta R.T.: -0.003 min  
Response: 803235773  
Conc: 54.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

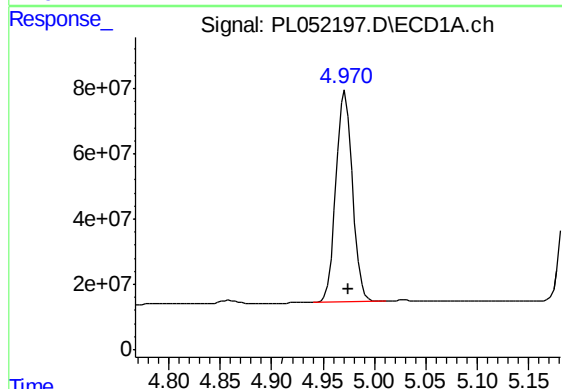
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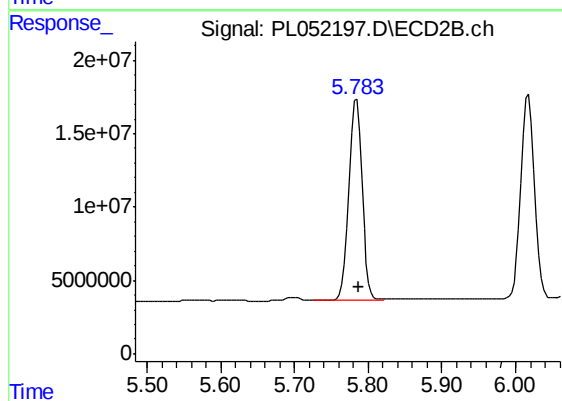
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 165894290  
Conc: 53.01 ng/ml



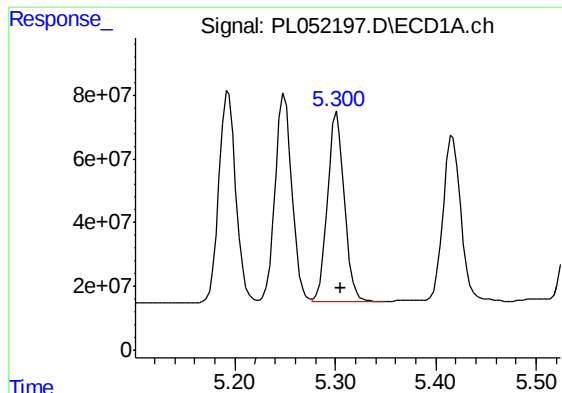
#8 Heptachlor epoxide

R.T.: 4.972 min  
Delta R.T.: -0.004 min  
Response: 727712224  
Conc: 52.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.784 min  
Delta R.T.: -0.003 min  
Response: 170066325  
Conc: 50.39 ng/ml



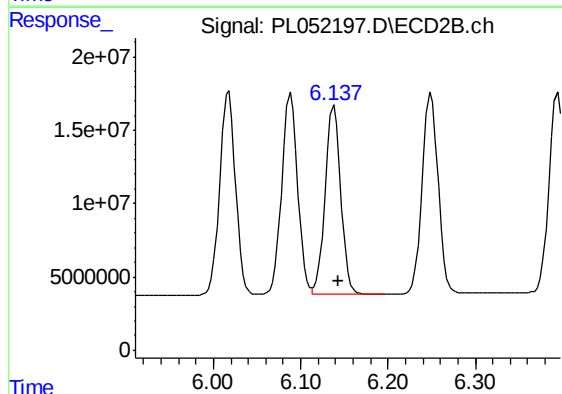
#9 Endosulfan I

R.T.: 5.302 min  
Delta R.T.: -0.004 min  
Response: 691214774  
Conc: 51.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

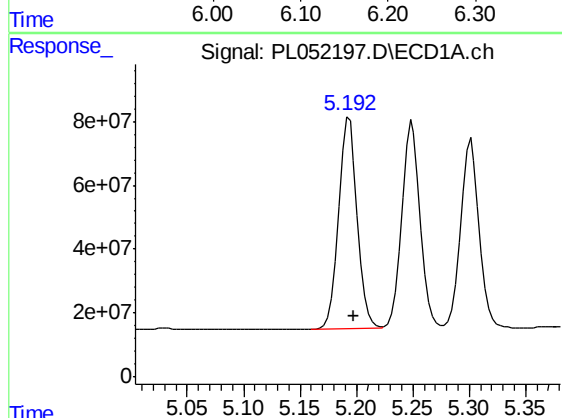
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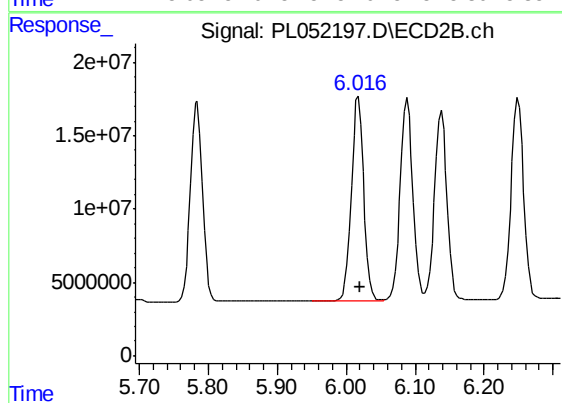
#9 Endosulfan I

R.T.: 6.138 min  
Delta R.T.: -0.005 min  
Response: 161105980  
Conc: 49.83 ng/ml



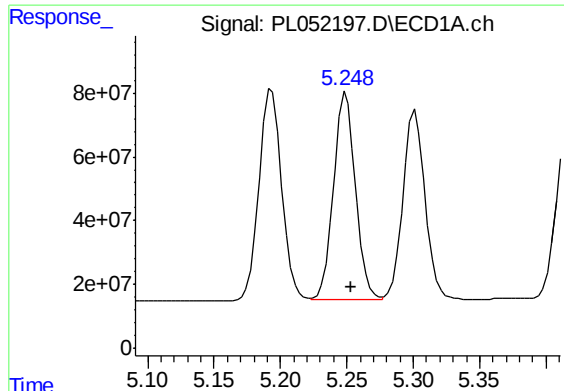
#10 gamma-Chlordane

R.T.: 5.194 min  
Delta R.T.: -0.004 min  
Response: 778150179  
Conc: 52.11 ng/ml



#10 gamma-Chlordane

R.T.: 6.018 min  
Delta R.T.: -0.003 min  
Response: 174307719  
Conc: 47.74 ng/ml



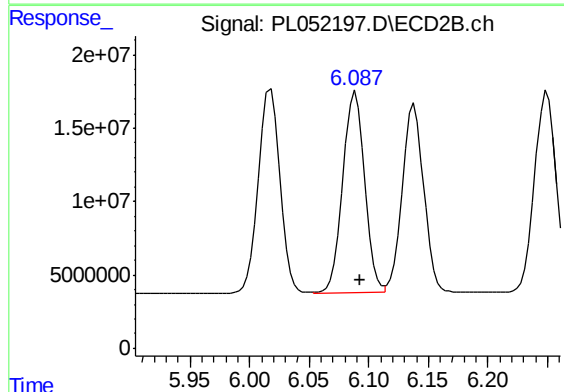
#11 alpha-Chlordane

R.T.: 5.249 min  
Delta R.T.: -0.004 min  
Response: 754474663  
Conc: 52.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

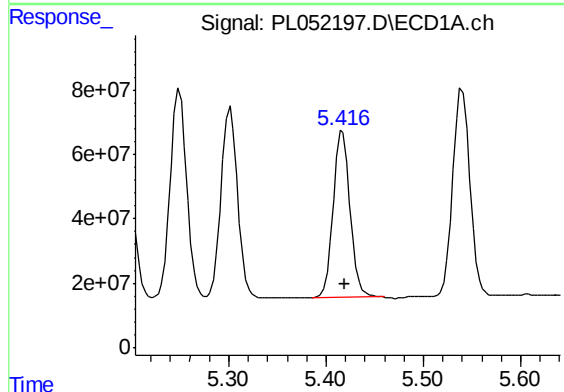
Manual Integrations  
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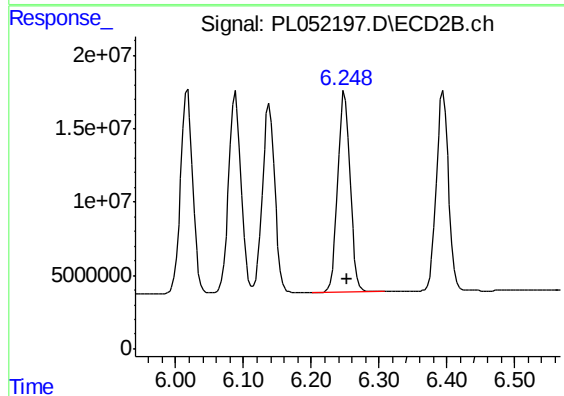
#11 alpha-Chlordane

R.T.: 6.089 min  
Delta R.T.: -0.004 min  
Response: 173242405  
Conc: 50.20 ng/ml



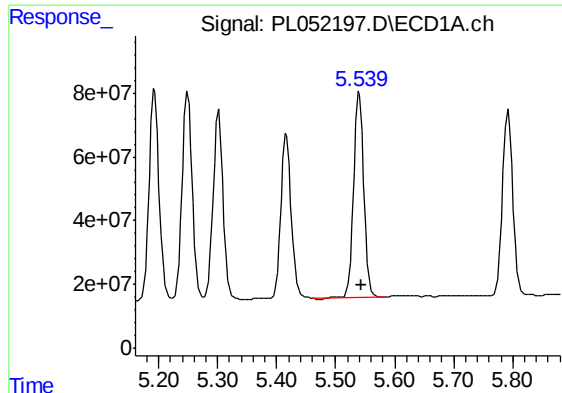
#12 4,4'-DDE

R.T.: 5.417 min  
Delta R.T.: -0.002 min  
Response: 629325794  
Conc: 45.98 ng/ml



#12 4,4'-DDE

R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 171966893  
Conc: 48.85 ng/ml



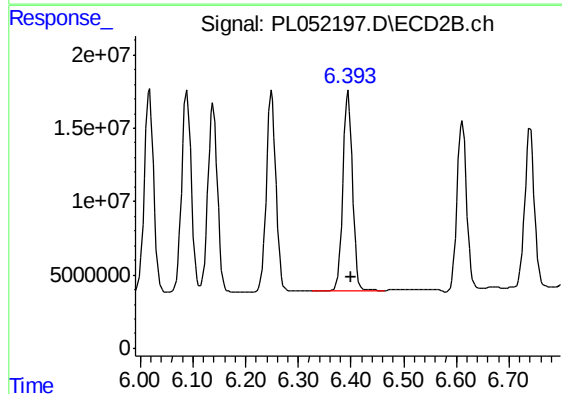
#13 Dieldrin

R.T.: 5.540 min  
Delta R.T.: -0.004 min  
Response: 779548392  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

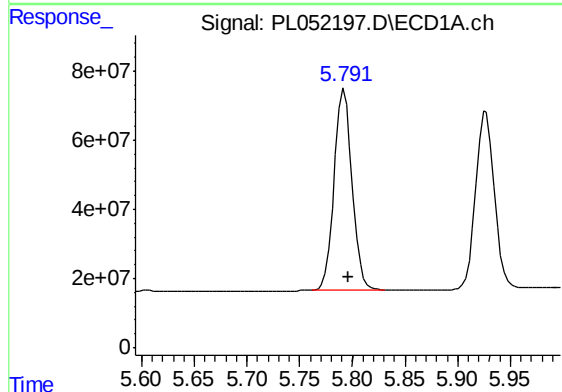
Manual Integrations  
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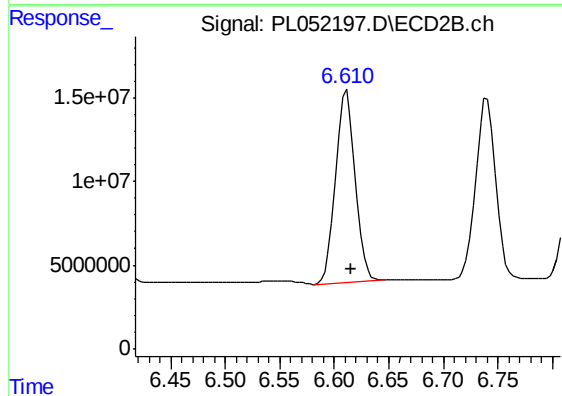
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: -0.004 min  
Response: 171738192  
Conc: 50.15 ng/ml



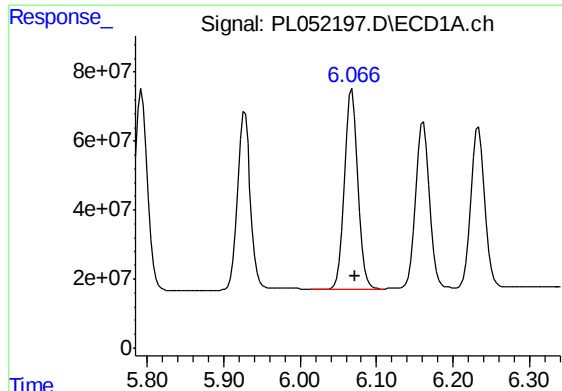
#14 Endrin

R.T.: 5.792 min  
Delta R.T.: -0.004 min  
Response: 687068405  
Conc: 47.10 ng/ml



#14 Endrin

R.T.: 6.610 min  
Delta R.T.: -0.006 min  
Response: 143663633  
Conc: 47.50 ng/ml m



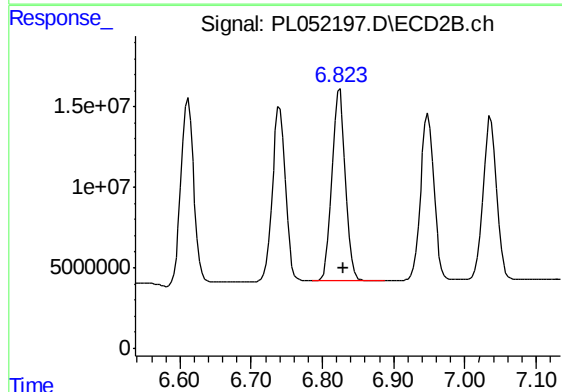
#15 Endosulfan II

R.T.: 6.068 min  
Delta R.T.: -0.004 min  
Response: 698552392  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

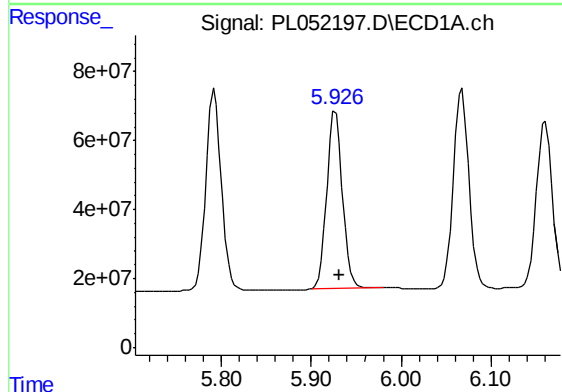
Manual Integrations  
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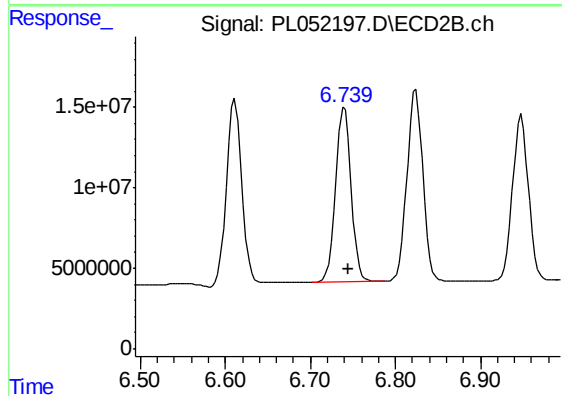
#15 Endosulfan II

R.T.: 6.824 min  
Delta R.T.: -0.005 min  
Response: 156505251  
Conc: 47.48 ng/ml



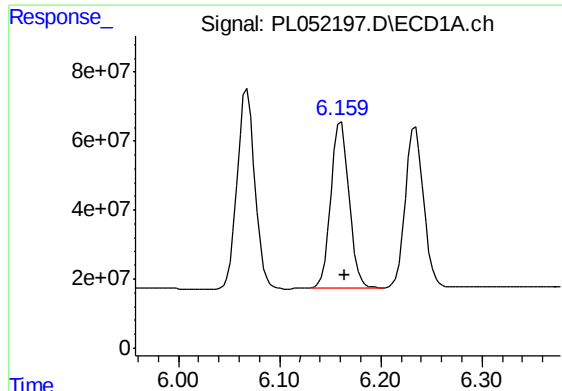
#16 4,4'-DDD

R.T.: 5.927 min  
Delta R.T.: -0.004 min  
Response: 626966889  
Conc: 51.20 ng/ml



#16 4,4'-DDD

R.T.: 6.740 min  
Delta R.T.: -0.004 min  
Response: 138444751  
Conc: 51.14 ng/ml



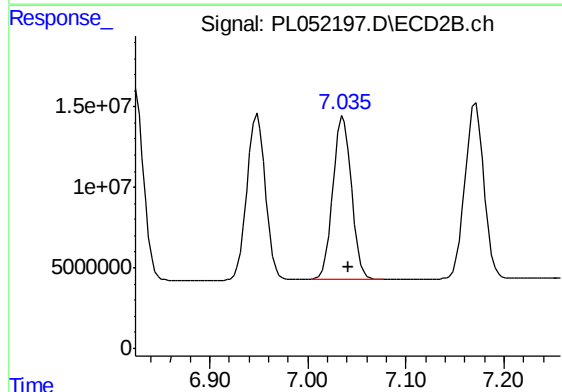
#17 4,4'-DDT

R.T.: 6.161 min  
Delta R.T.: -0.004 min  
Response: 597212230  
Conc: 46.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

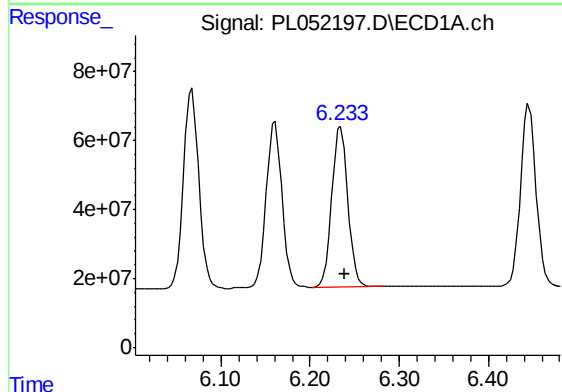
Manual Integrations  
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Ankita  
9/4/2019 11:46:50 AM



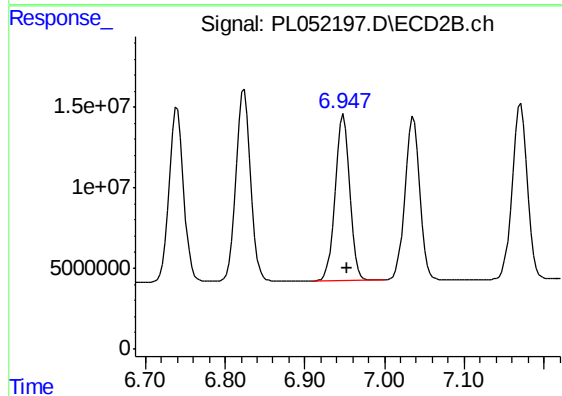
#17 4,4'-DDT

R.T.: 7.035 min  
Delta R.T.: -0.006 min  
Response: 132882375  
Conc: 45.39 ng/ml m



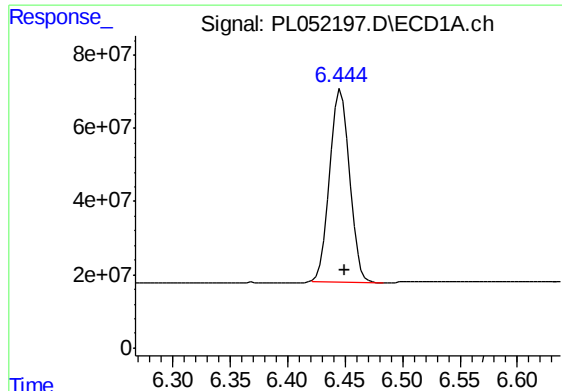
#18 Endrin aldehyde

R.T.: 6.234 min  
Delta R.T.: -0.004 min  
Response: 580457899  
Conc: 49.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.949 min  
Delta R.T.: -0.004 min  
Response: 134364380  
Conc: 47.54 ng/ml



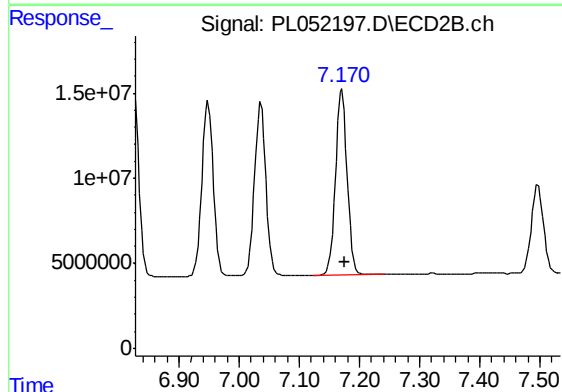
#19 Endosulfan Sulfate

R.T.: 6.446 min  
Delta R.T.: -0.004 min  
Response: 637726648  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

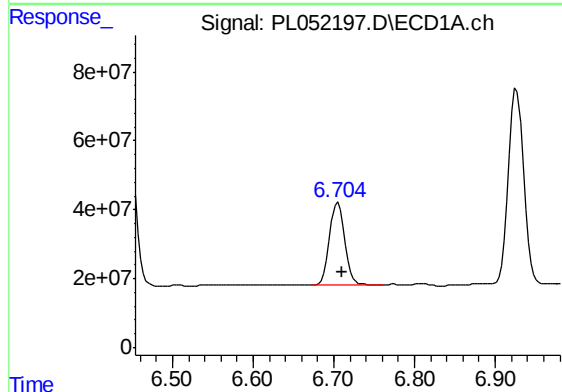
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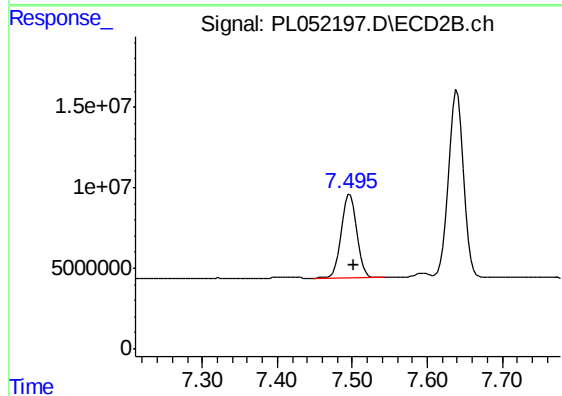
#19 Endosulfan Sulfate

R.T.: 7.171 min  
Delta R.T.: -0.005 min  
Response: 147454064  
Conc: 47.75 ng/ml



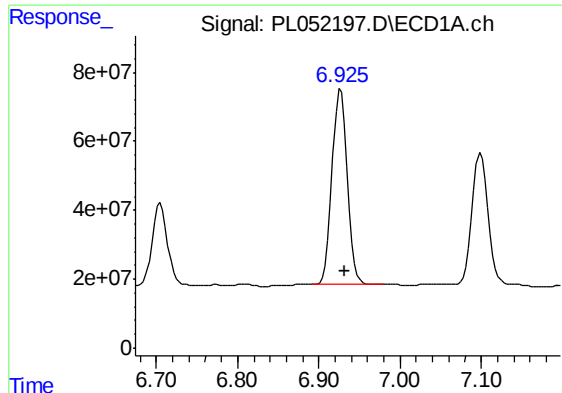
#20 Methoxychlor

R.T.: 6.705 min  
Delta R.T.: -0.005 min  
Response: 311150189  
Conc: 45.89 ng/ml



#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: -0.005 min  
Response: 72544508  
Conc: 43.25 ng/ml



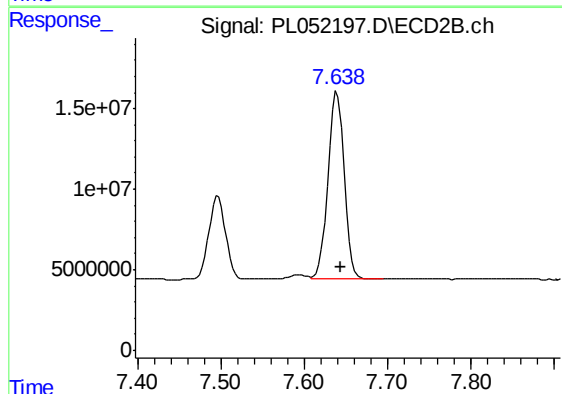
#21 Endrin ketone

R.T.: 6.927 min  
Delta R.T.: -0.005 min  
Response: 736840516  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

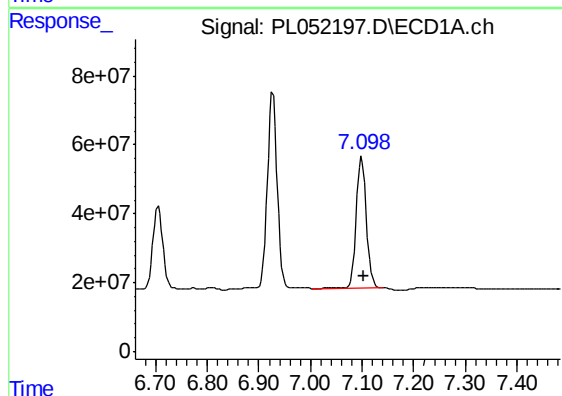
Manual Integrations  
APPROVED

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9/4/2019 11:46:50 AM



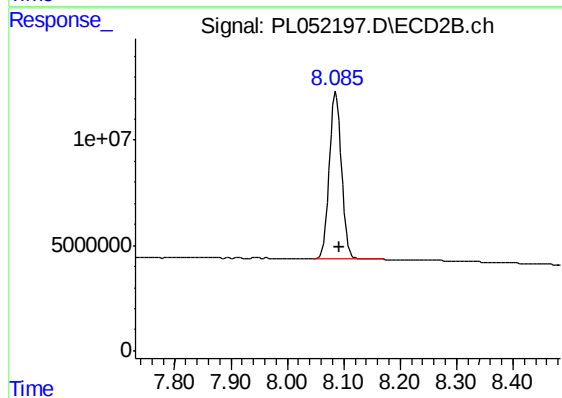
#21 Endrin ketone

R.T.: 7.640 min  
Delta R.T.: -0.005 min  
Response: 157705248  
Conc: 49.29 ng/ml



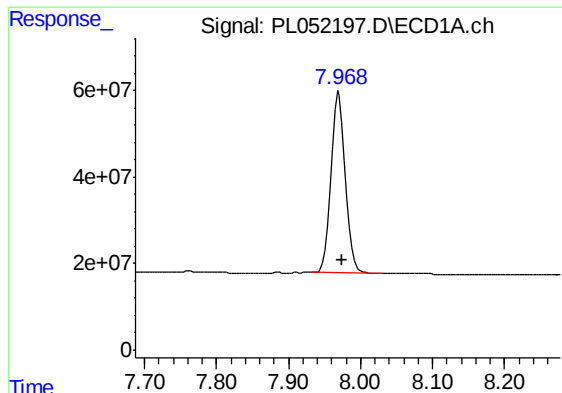
#22 Mirex

R.T.: 7.099 min  
Delta R.T.: -0.005 min  
Response: 518690963  
Conc: 48.99 ng/ml



#22 Mirex

R.T.: 8.086 min  
Delta R.T.: -0.006 min  
Response: 117314372  
Conc: 48.22 ng/ml



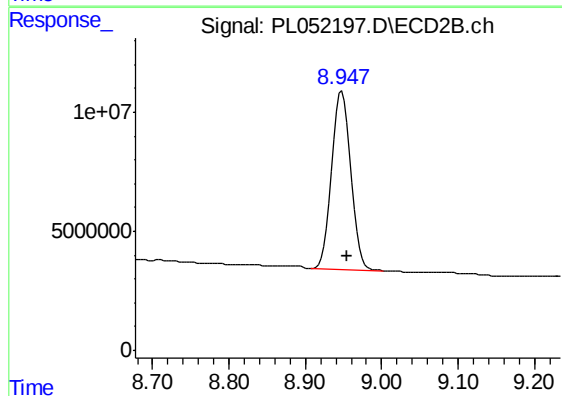
#28 Decachlorobiphenyl

R.T.: 7.970 min  
Delta R.T.: -0.005 min  
Response: 579666880  
Conc: 47.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.947 min  
Delta R.T.: -0.008 min  
Response: 130716067  
Conc: 42.94 ng/ml m