

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081320\  
 Data File : PL060705.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2020 17:18  
 Operator : DD\AJ  
 Sample : L3659-07MS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP1-3MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 01:59:30 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081020.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 11 01:39:18 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... | 3.464  | 4.011 | 38653574 | 51066014 | 20.618   | 19.204   |
| 28)                         | SA Decachlor... | 8.219  | 9.098 | 29814945 | 33167924 | 16.334   | 17.678   |
| Target Compounds            |                 |        |       |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.901  | 4.399 | 130.1E6  | 173.2E6  | 44.891   | 42.177m  |
| 3)                          | MA gamma-BHC... | 4.184  | 4.686 | 116.0E6  | 157.0E6  | 43.791   | 40.908   |
| 4)                          | MA Heptachlor   | 4.486  | 5.196 | 110.1E6  | 148.0E6  | 44.295   | 41.836m  |
| 5)                          | MB Aldrin       | 4.734  | 5.503 | 95610921 | 132.6E6  | 43.684   | 40.405   |
| 6)                          | B beta-BHC      | 4.435  | 4.857 | 50706080 | 70687563 | 46.886   | 44.124   |
| 7)                          | B delta-BHC     | 4.639  | 5.075 | 112.0E6  | 124.4E6  | 45.374   | 45.756   |
| 8)                          | B Heptachlo...  | 5.176  | 5.891 | 91750767 | 114.5E6  | 43.395m  | 44.852   |
| 9)                          | A Endosulfan I  | 5.516  | 6.249 | 84915864 | 113.0E6  | 43.075   | 39.899   |
| 10)                         | B gamma-Chl...  | 5.405  | 6.126 | 91580170 | 120.4E6  | 43.193   | 39.811   |
| 11)                         | B alpha-Chl...  | 5.463  | 6.199 | 90152720 | 122.7E6  | 42.482   | 39.899   |
| 12)                         | B 4,4'-DDE      | 5.628  | 6.357 | 744.5E6  | 952.5E6  | 375.476  | 334.619  |
| 13)                         | MA Dieldrin     | 5.759  | 6.507 | 114.6E6  | 139.3E6  | 55.436   | 47.790   |
| 14)                         | MA Endrin       | 6.016  | 6.725 | 112.5E6  | 93635169 | 57.632   | 37.004 # |
| 15)                         | B Endosulfa...  | 6.289  | 6.935 | 77827120 | 98476235 | 40.159   | 37.753   |
| 16)                         | A 4,4'-DDD      | 6.144  | 6.847 | 75629685 | 102.2E6  | 44.921   | 44.541   |
| 17)                         | MA 4,4'-DDT     | 6.384  | 7.148 | 466.8E6  | 554.0E6  | 282.410  | 253.409  |
| 18)                         | B Endrin al...  | 6.456  | 7.059 | 74514186 | 79789426 | 44.654   | 36.754   |
| 19)                         | B Endosulfa...  | 6.687f | 7.283 | 2078.7E6 | 95727660 | 1108.765 | 39.838 # |
| 20)                         | A Methoxychlor  | 6.930  | 7.606 | 39766683 | 47268410 | 39.430   | 37.519m  |
| 21)                         | B Endrin ke...  | 7.159  | 7.754 | 86541238 | 98236893 | 41.908   | 40.312   |
| 22)                         | Mirex           | 7.349  | 8.210 | 64720708 | 67101761 | 43.043   | 41.959   |
| -----                       |                 |        |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081320\  
 Data File : PL060705.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2020 17:18  
 Operator : DD\AJ  
 Sample : L3659-07MS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

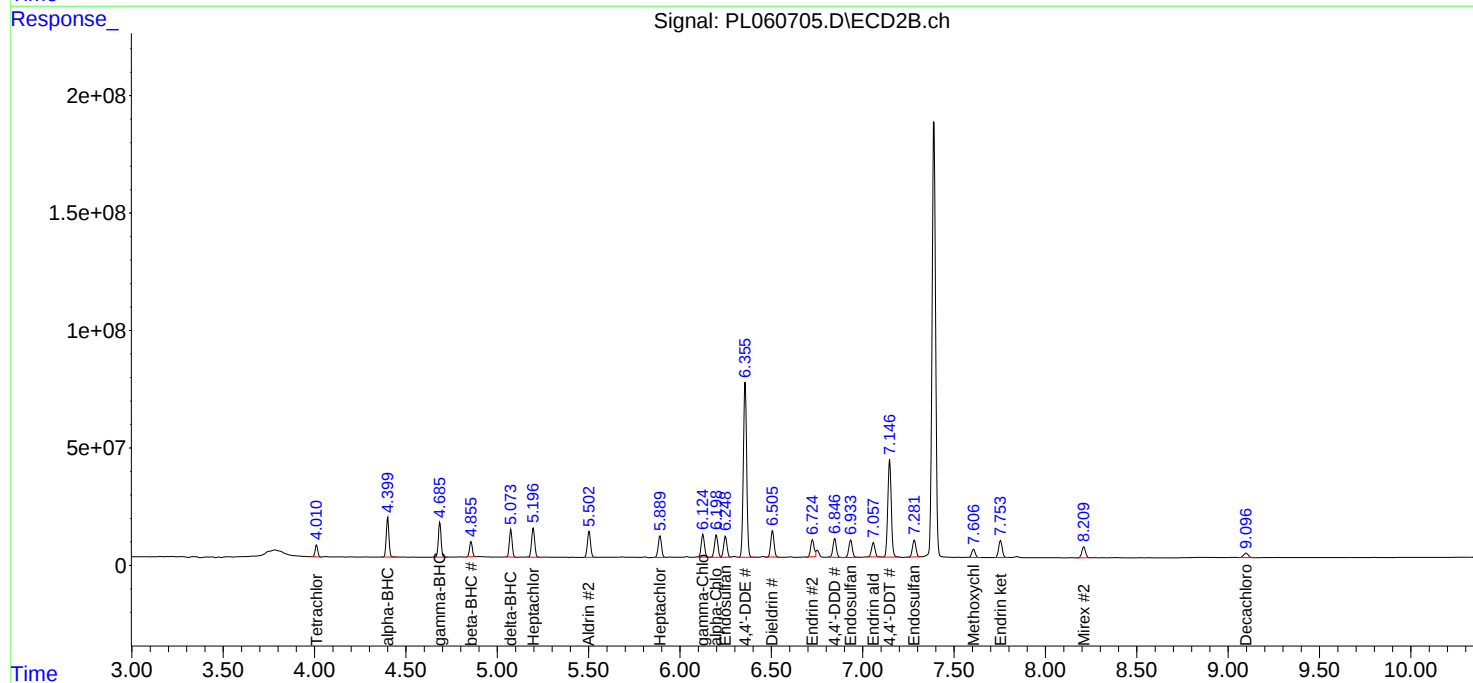
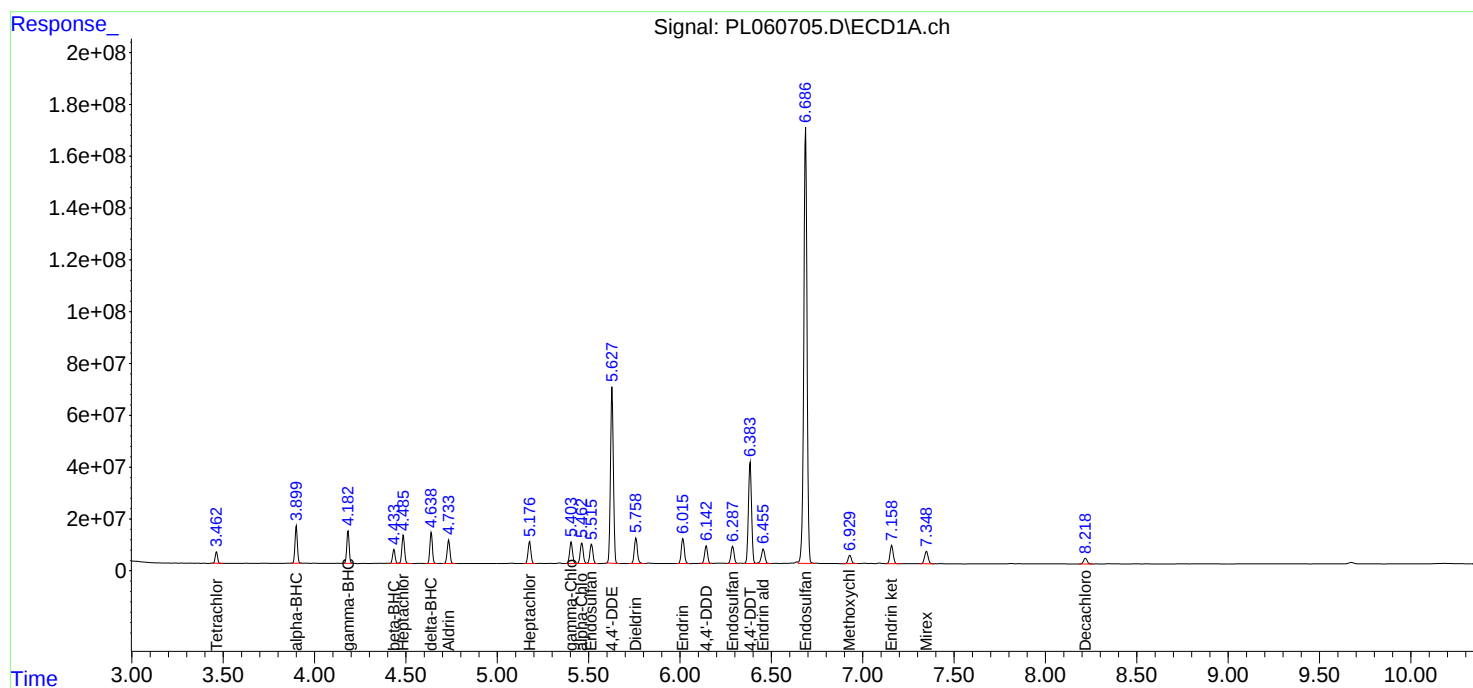
Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP1-3MS

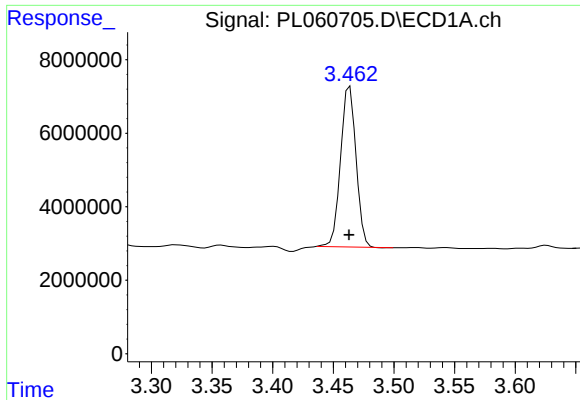
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 01:59:30 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081020.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 11 01:39:18 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





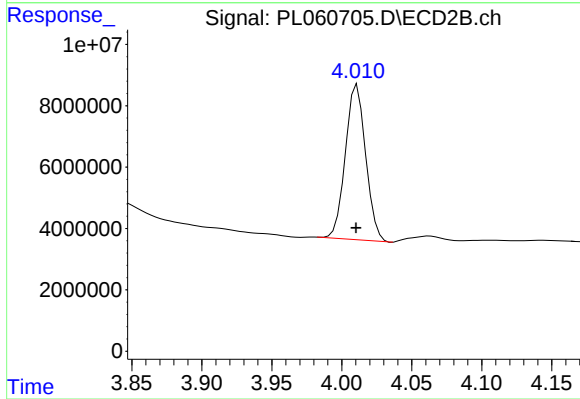
#1 Tetrachloro-m-xylene

R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 38653574  
Conc: 20.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

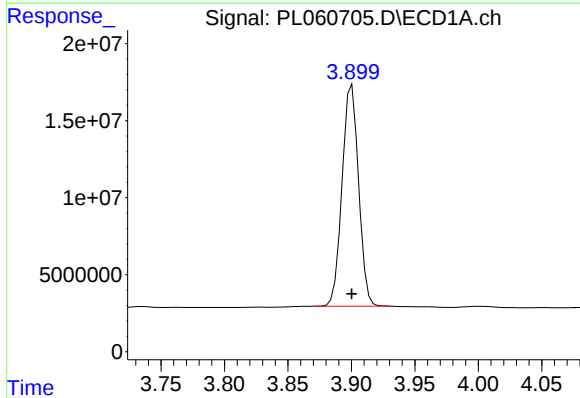
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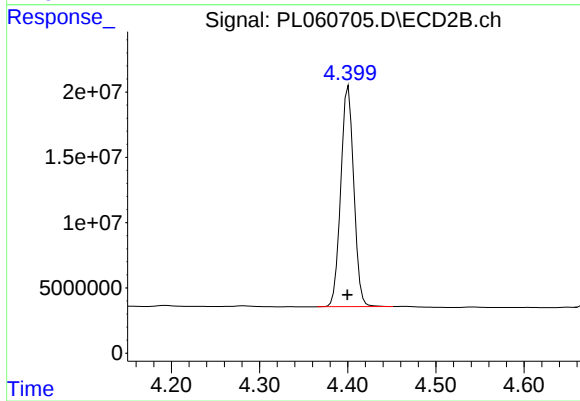
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: 0.000 min  
Response: 51066014  
Conc: 19.20 ng/ml



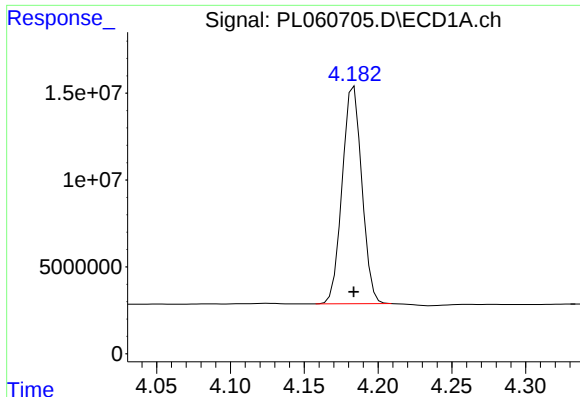
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 130102377  
Conc: 44.89 ng/ml



#2 alpha-BHC

R.T.: 4.399 min  
Delta R.T.: 0.000 min  
Response: 173229941  
Conc: 42.18 ng/ml m



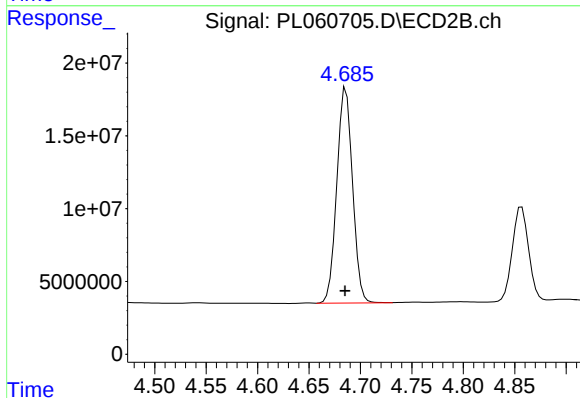
#3 gamma-BHC (Lindane)

R.T.: 4.184 min  
Delta R.T.: 0.000 min  
Response: 115998241  
Conc: 43.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

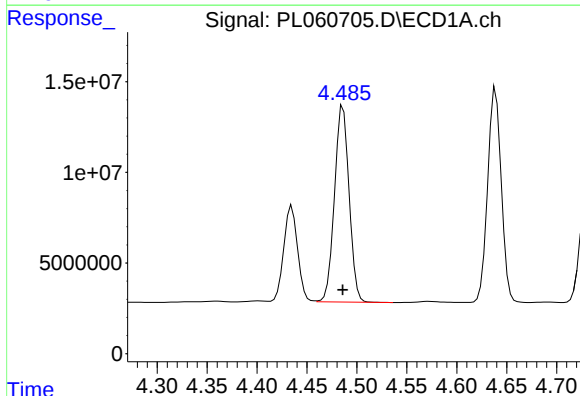
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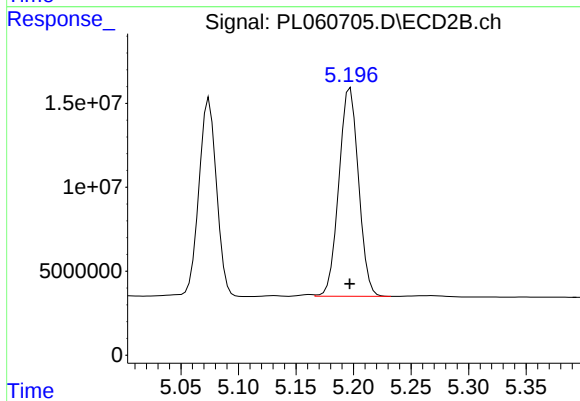
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 157021871  
Conc: 40.91 ng/ml



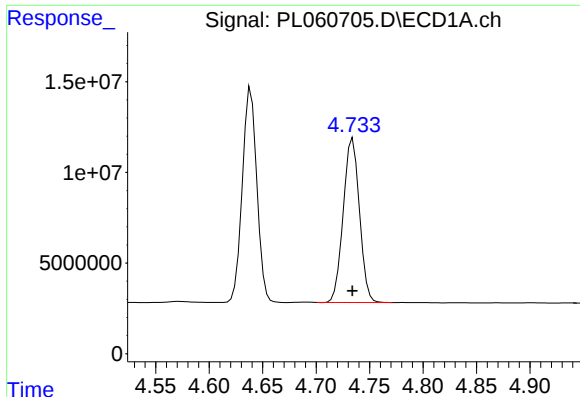
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: 0.000 min  
Response: 110108733  
Conc: 44.30 ng/ml



#4 Heptachlor

R.T.: 5.196 min  
Delta R.T.: 0.000 min  
Response: 147985698  
Conc: 41.84 ng/ml m



#5 Aldrin

R.T.: 4.734 min

Delta R.T.: 0.000 min

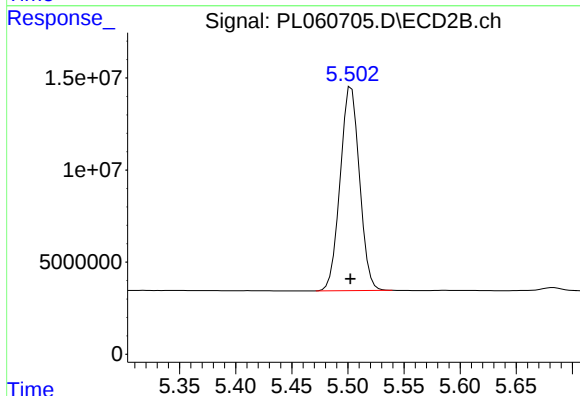
Response: 95610921

Conc: 43.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

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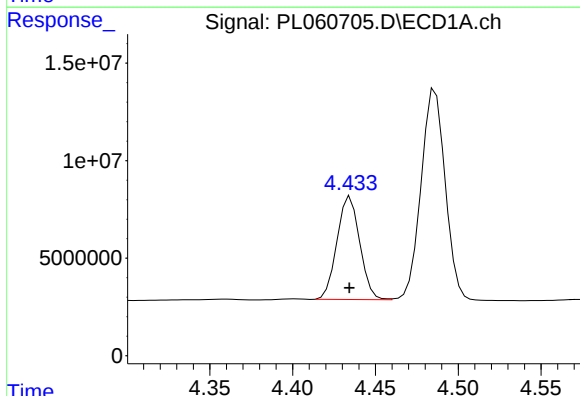
#5 Aldrin

R.T.: 5.503 min

Delta R.T.: 0.000 min

Response: 132615971

Conc: 40.40 ng/ml



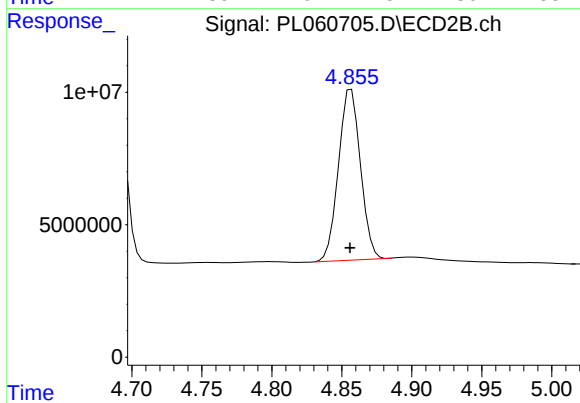
#6 beta-BHC

R.T.: 4.435 min

Delta R.T.: 0.000 min

Response: 50706080

Conc: 46.89 ng/ml



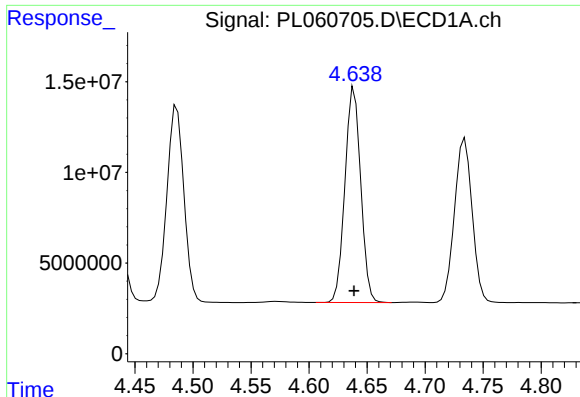
#6 beta-BHC

R.T.: 4.857 min

Delta R.T.: 0.000 min

Response: 70687563

Conc: 44.12 ng/ml



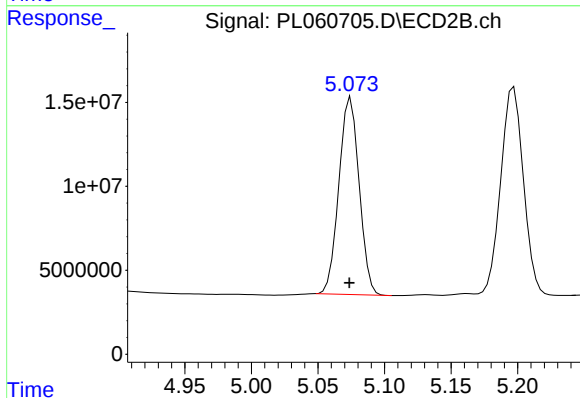
#7 delta-BHC

R.T.: 4.639 min  
Delta R.T.: 0.000 min  
Response: 112044651  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

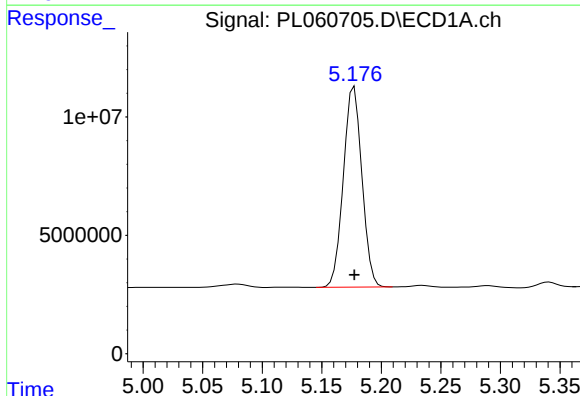
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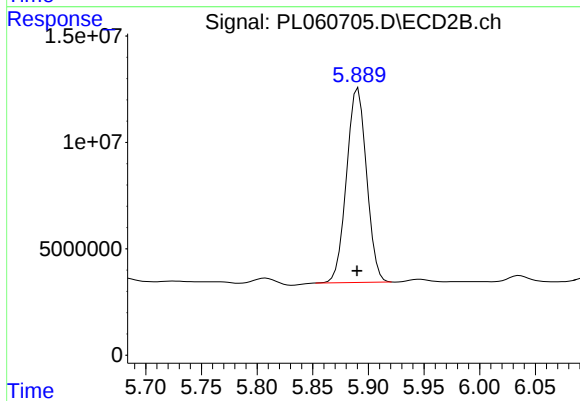
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 124394798  
Conc: 45.76 ng/ml



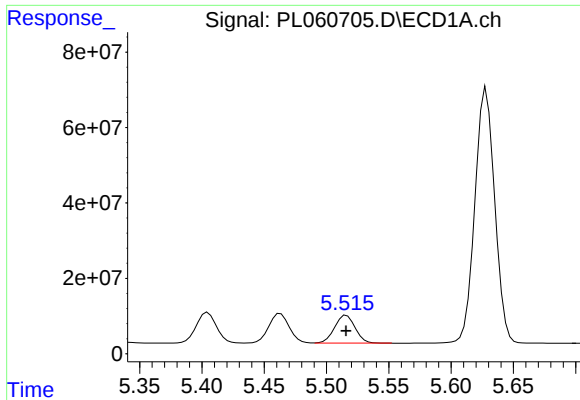
#8 Heptachlor epoxide

R.T.: 5.176 min  
Delta R.T.: -0.002 min  
Response: 91750767  
Conc: 43.39 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 114461197  
Conc: 44.85 ng/ml



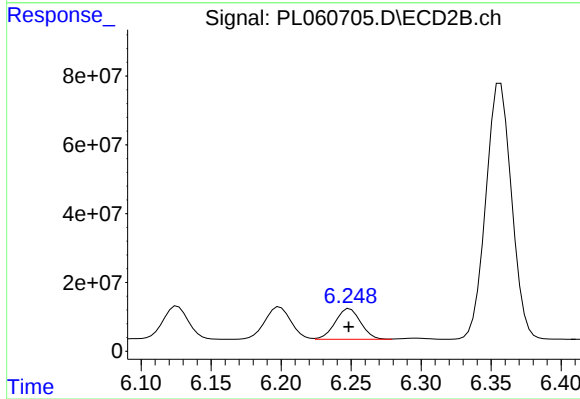
#9 Endosulfan I

R.T.: 5.516 min  
Delta R.T.: 0.000 min  
Response: 84915864  
Conc: 43.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

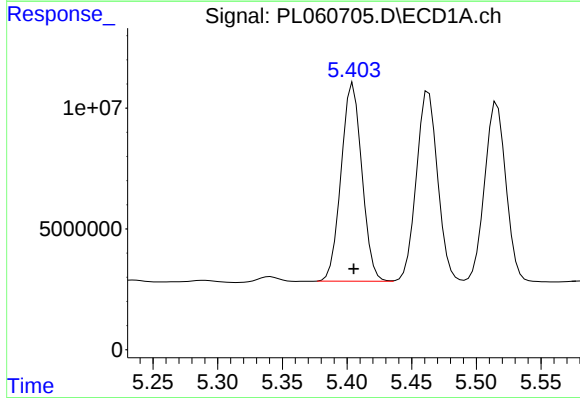
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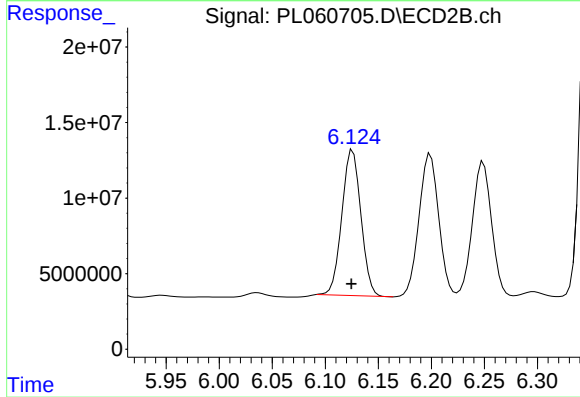
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 113004053  
Conc: 39.90 ng/ml



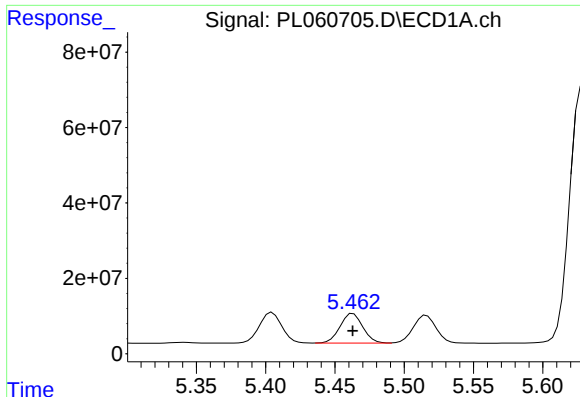
#10 gamma-Chlordane

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 91580170  
Conc: 43.19 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min  
Delta R.T.: 0.001 min  
Response: 120358928  
Conc: 39.81 ng/ml



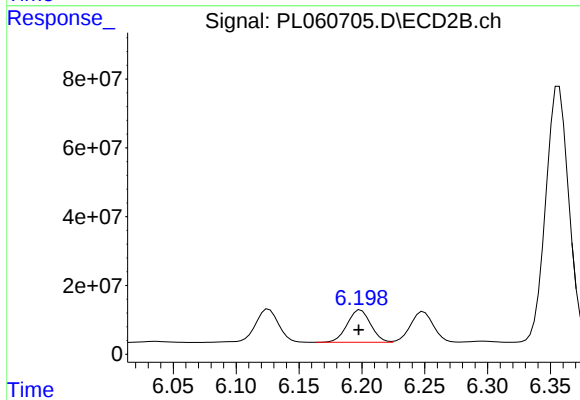
#11 alpha-Chlordane

R.T.: 5.463 min  
Delta R.T.: 0.000 min  
Response: 90152720  
Conc: 42.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

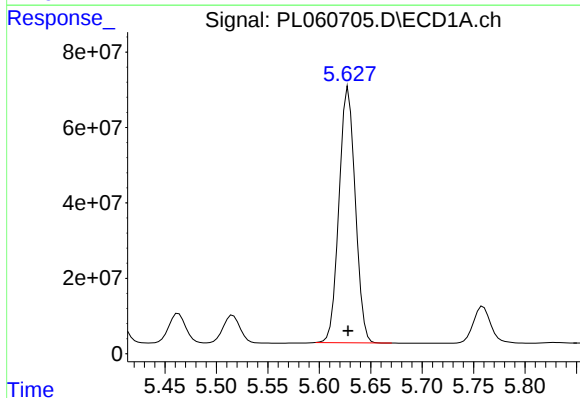
Manual Integrations  
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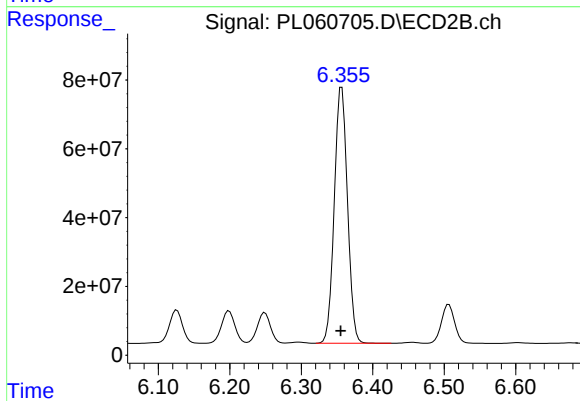
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: 0.001 min  
Response: 122658345  
Conc: 39.90 ng/ml



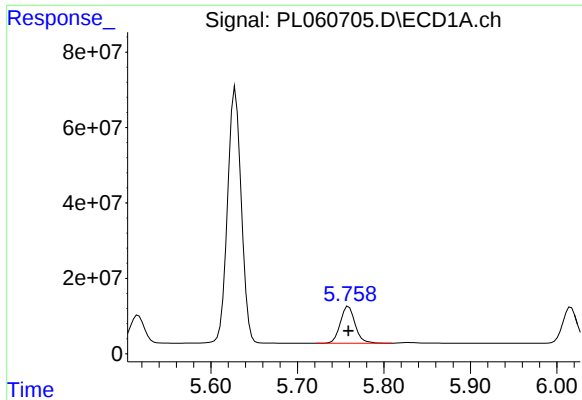
#12 4,4'-DDE

R.T.: 5.628 min  
Delta R.T.: 0.000 min  
Response: 744468831  
Conc: 375.48 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min  
Delta R.T.: 0.002 min  
Response: 952535989  
Conc: 334.62 ng/ml



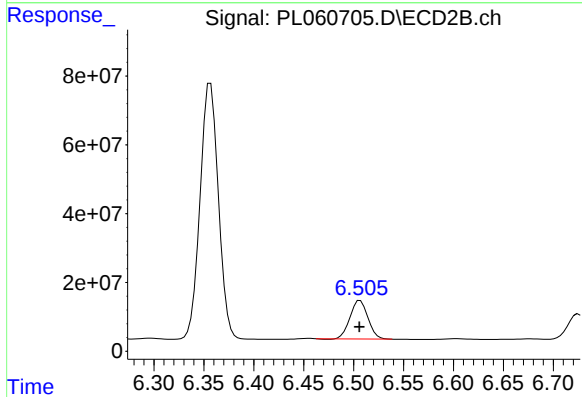
#13 Dieldrin

R.T.: 5.759 min  
Delta R.T.: 0.000 min  
Response: 114622048  
Conc: 55.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

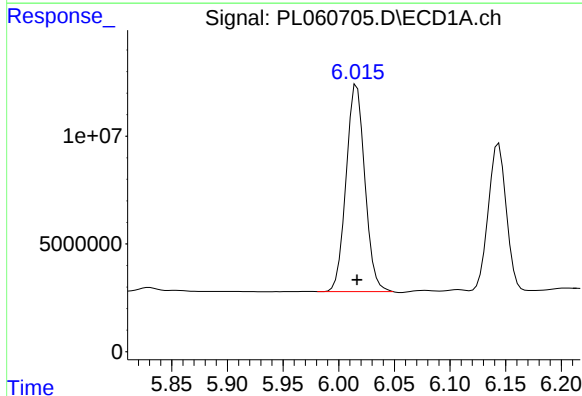
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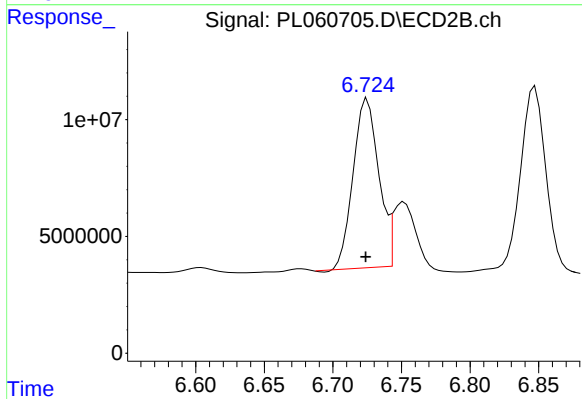
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: 0.000 min  
Response: 139343520  
Conc: 47.79 ng/ml



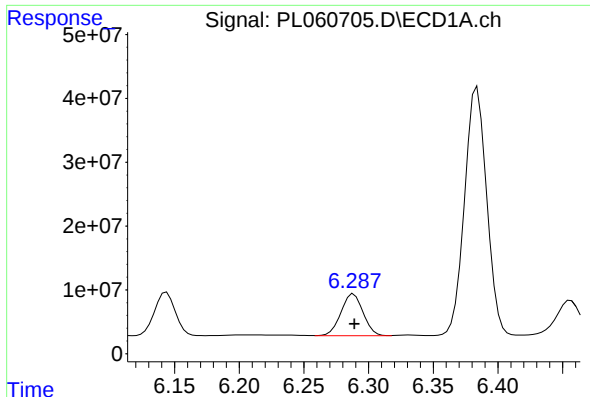
#14 Endrin

R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 112543903  
Conc: 57.63 ng/ml



#14 Endrin

R.T.: 6.725 min  
Delta R.T.: 0.001 min  
Response: 93635169  
Conc: 37.00 ng/ml



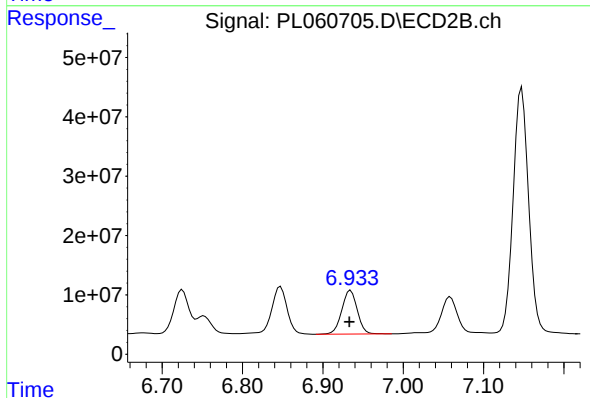
#15 Endosulfan II

R.T.: 6.289 min  
Delta R.T.: 0.000 min  
Response: 77827120  
Conc: 40.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

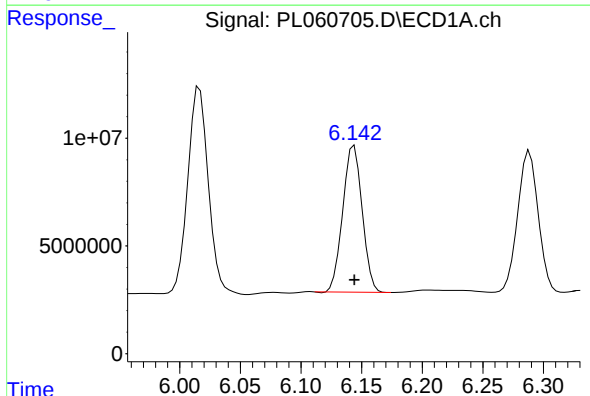
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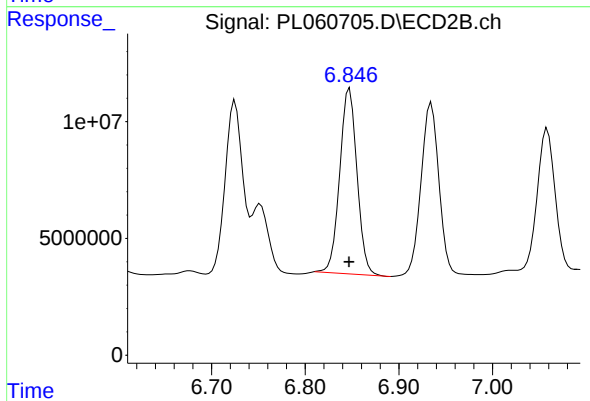
#15 Endosulfan II

R.T.: 6.935 min  
Delta R.T.: 0.001 min  
Response: 98476235  
Conc: 37.75 ng/ml



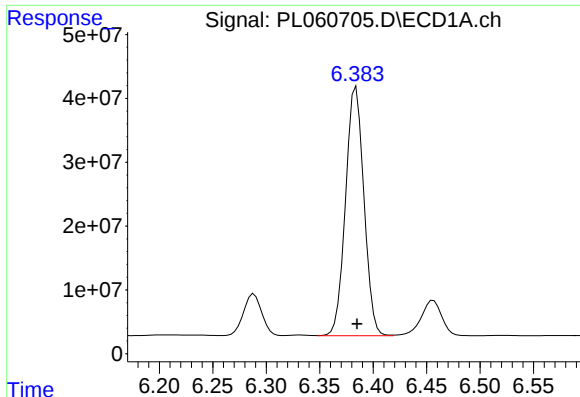
#16 4,4'-DDD

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 75629685  
Conc: 44.92 ng/ml



#16 4,4'-DDD

R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 102204520  
Conc: 44.54 ng/ml



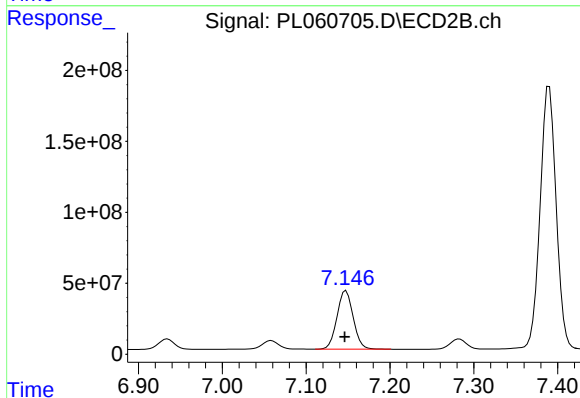
#17 4,4'-DDT

R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 466819313  
Conc: 282.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

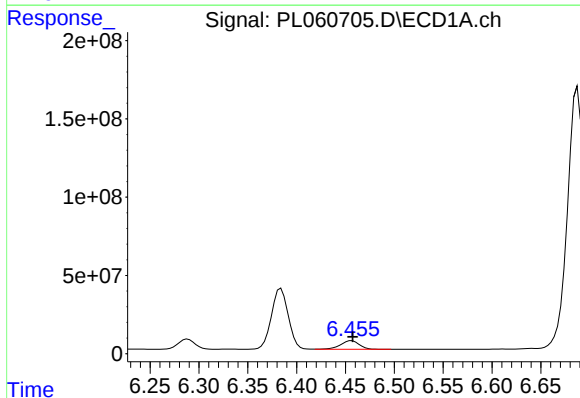
Manual Integrations  
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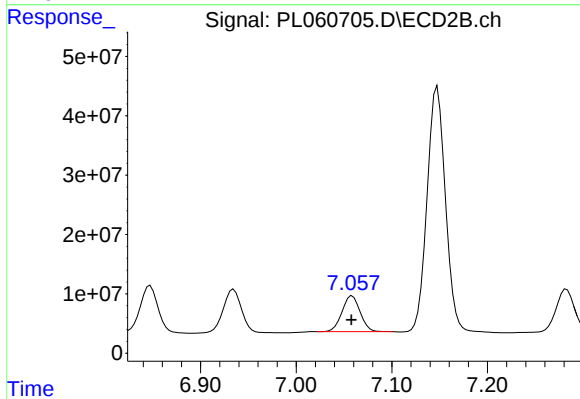
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.002 min  
Response: 553953022  
Conc: 253.41 ng/ml



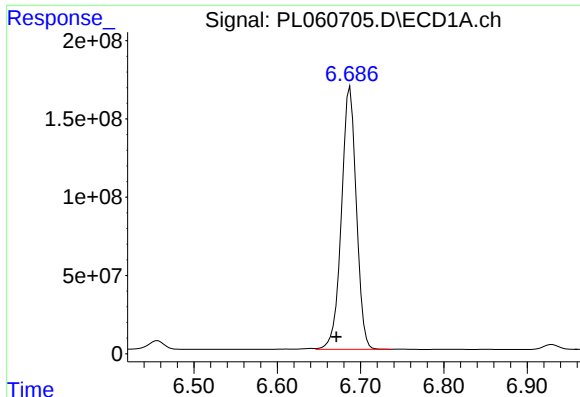
#18 Endrin aldehyde

R.T.: 6.456 min  
Delta R.T.: -0.001 min  
Response: 74514186  
Conc: 44.65 ng/ml



#18 Endrin aldehyde

R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 79789426  
Conc: 36.75 ng/ml



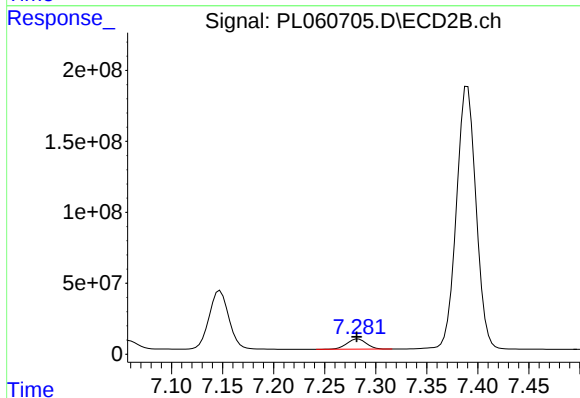
#19 Endosulfan Sulfate

R.T.: 6.687 min  
Delta R.T.: 0.017 min  
Response: 2078688434  
Conc: 1108.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

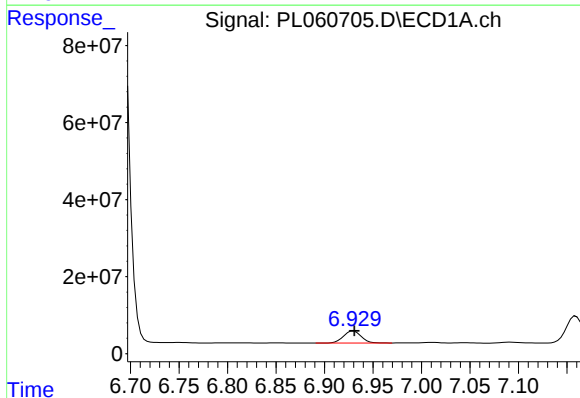
Manual Integrations  
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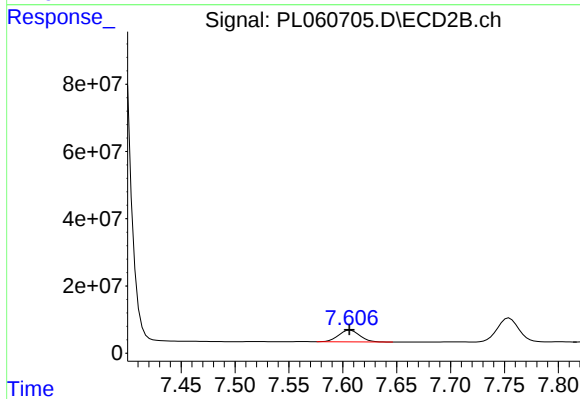
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.001 min  
Response: 95727660  
Conc: 39.84 ng/ml



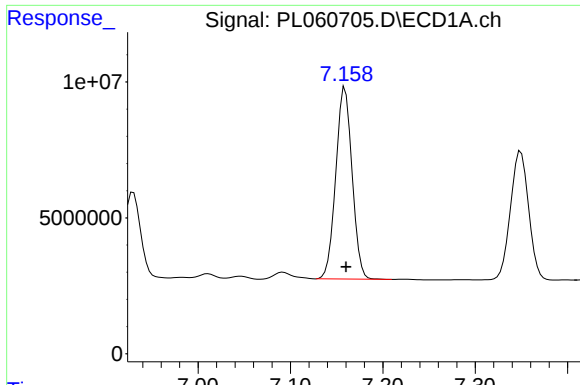
#20 Methoxychlor

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 39766683  
Conc: 39.43 ng/ml



#20 Methoxychlor

R.T.: 7.606 min  
Delta R.T.: 0.000 min  
Response: 47268410  
Conc: 37.52 ng/ml m



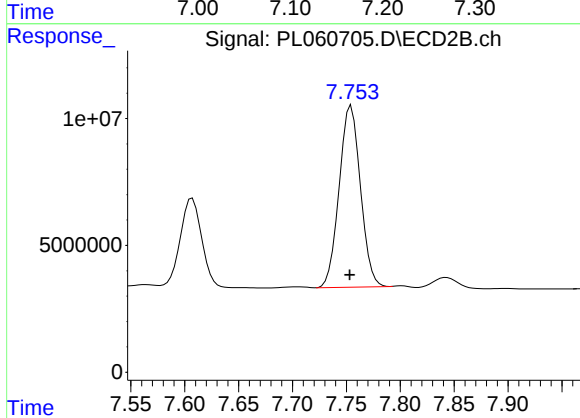
#21 Endrin ketone

R.T.: 7.159 min  
Delta R.T.: -0.001 min  
Response: 86541238  
Conc: 41.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

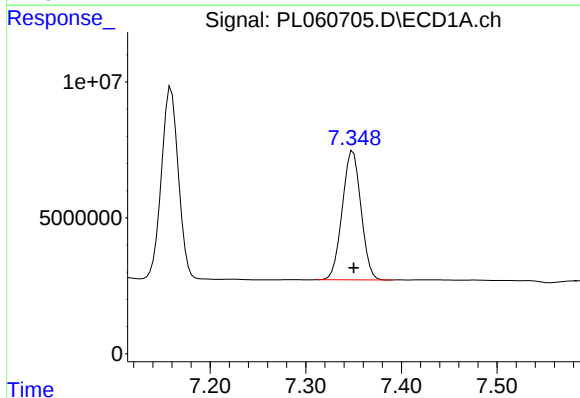
Manual Integrations  
APPROVED

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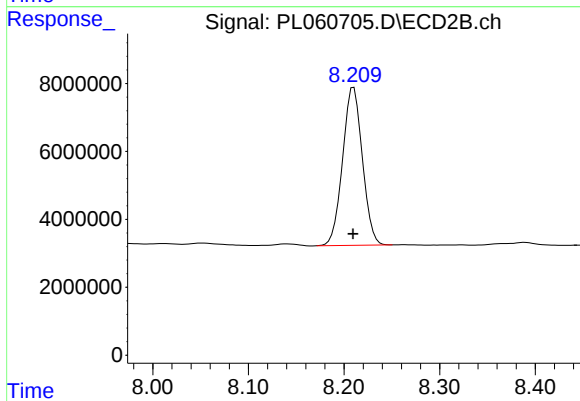
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.001 min  
Response: 98236893  
Conc: 40.31 ng/ml



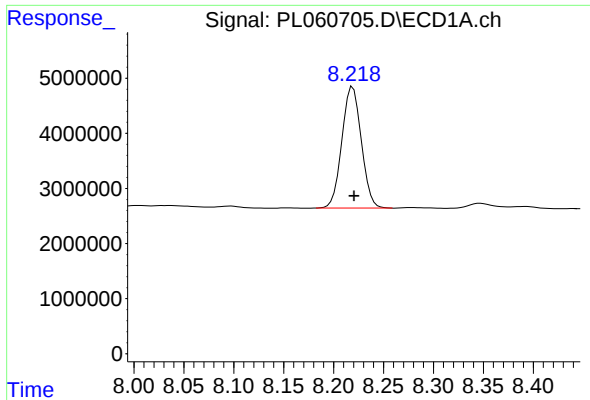
#22 Mirex

R.T.: 7.349 min  
Delta R.T.: 0.000 min  
Response: 64720708  
Conc: 43.04 ng/ml



#22 Mirex

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 67101761  
Conc: 41.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.219 min

Delta R.T.: -0.001 min

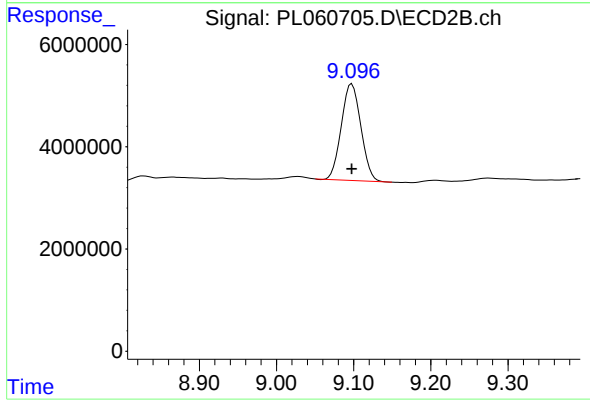
Response: 29814945

Conc: 16.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP1-3MS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.098 min

Delta R.T.: 0.000 min

Response: 33167924

Conc: 17.68 ng/ml