

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050720\  
 Data File : PL058570.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 May 2020 16:26  
 Operator : AJ\MA  
 Sample : L2529-03MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 72-11936MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 08 00:49:06 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 29 00:55:33 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... | 3.454 | 3.953 | 230.7E6 | 48020590 | 21.674  | 22.217  |
| 28)                         | SA Decachlor... | 8.199 | 8.974 | 197.2E6 | 42504040 | 18.233  | 19.156  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.890 | 4.341 | 891.2E6 | 164.3E6  | 48.661  | 49.625  |
| 3)                          | MA gamma-BHC... | 4.174 | 4.623 | 833.4E6 | 156.8E6  | 48.275  | 47.399  |
| 4)                          | MA Heptachlor   | 4.474 | 5.124 | 873.7E6 | 173.2E6  | 49.448  | 50.127  |
| 5)                          | MB Aldrin       | 4.721 | 5.426 | 791.5E6 | 165.8E6  | 47.719  | 49.049  |
| 6)                          | B beta-BHC      | 4.426 | 4.797 | 369.9E6 | 75911737 | 51.754  | 52.100  |
| 7)                          | B delta-BHC     | 4.629 | 5.011 | 785.6E6 | 125.5E6  | 46.240  | 49.937  |
| 8)                          | B Heptachlo...  | 5.162 | 5.810 | 738.9E6 | 149.8E6  | 48.649m | 46.780  |
| 9)                          | A Endosulfan I  | 5.503 | 6.165 | 668.8E6 | 149.8E6  | 47.378  | 48.420  |
| 10)                         | B gamma-Chl...  | 5.391 | 6.044 | 786.0E6 | 161.9E6  | 51.047  | 47.965  |
| 11)                         | B alpha-Chl...  | 5.449 | 6.116 | 723.4E6 | 163.4E6  | 47.699  | 48.046  |
| 12)                         | B 4,4'-DDE      | 5.612 | 6.275 | 723.6E6 | 146.8E6  | 47.857  | 48.129  |
| 13)                         | MA Dieldrin     | 5.745 | 6.421 | 736.7E6 | 149.1E6  | 49.415  | 47.626  |
| 14)                         | MA Endrin       | 6.002 | 6.637 | 690.5E6 | 120.3E6  | 50.793  | 46.805  |
| 15)                         | B Endosulfa...  | 6.276 | 6.848 | 580.3E6 | 118.9E6  | 45.866  | 44.609  |
| 16)                         | A 4,4'-DDD      | 6.129 | 6.764 | 581.8E6 | 109.5E6  | 49.612  | 48.195  |
| 17)                         | MA 4,4'-DDT     | 6.368 | 7.060 | 564.0E6 | 103.2E6  | 48.332  | 47.125  |
| 18)                         | B Endrin al...  | 6.444 | 6.970 | 491.7E6 | 101.7E6  | 46.353  | 46.661m |
| 19)                         | B Endosulfa...  | 6.657 | 7.194 | 560.8E6 | 109.8E6  | 48.348  | 46.425  |
| 20)                         | A Methoxychlor  | 6.913 | 7.520 | 287.8E6 | 56667402 | 48.435  | 45.720  |
| 21)                         | B Endrin ke...  | 7.147 | 7.662 | 566.9E6 | 117.9E6  | 47.845  | 48.345  |
| 22)                         | Mirex           | 7.334 | 8.111 | 420.9E6 | 88309173 | 47.569  | 46.244  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050720\  
Data File : PL058570.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 May 2020 16:26  
Operator : AJ\MA  
Sample : L2529-03MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

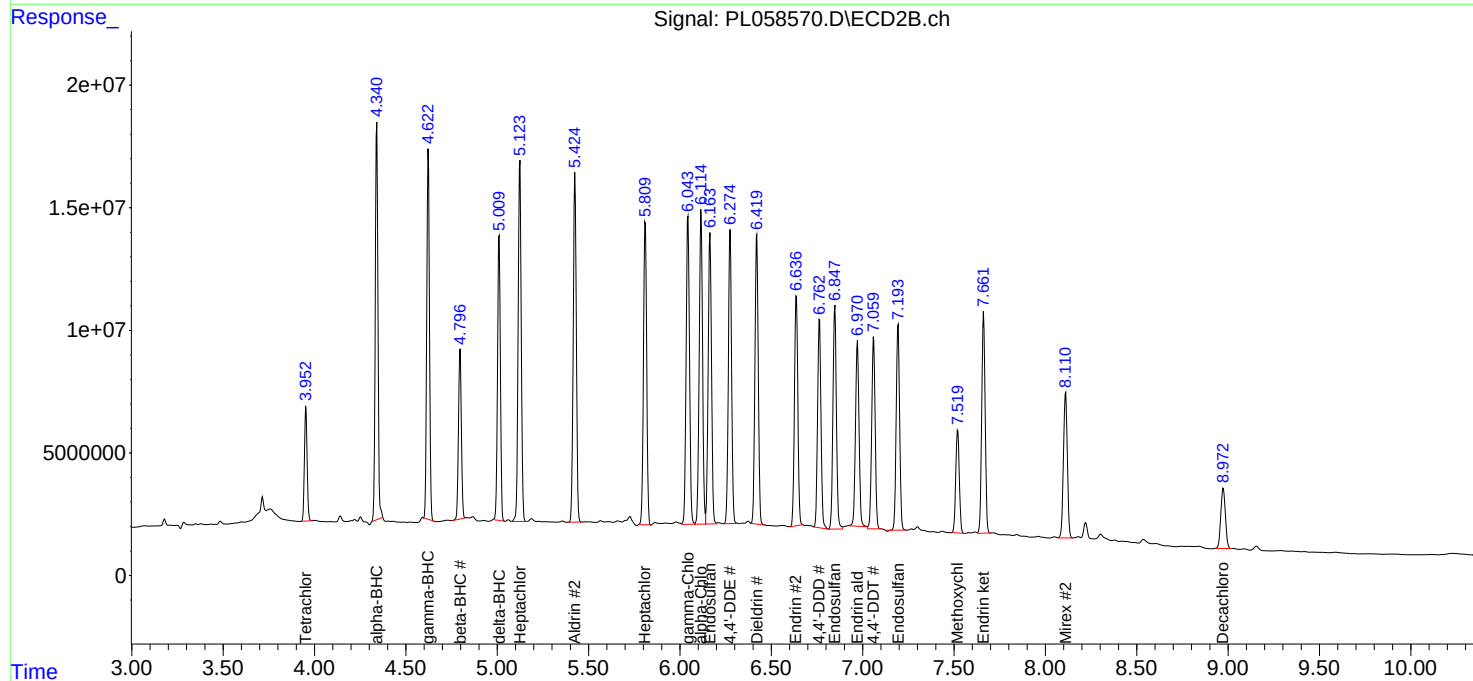
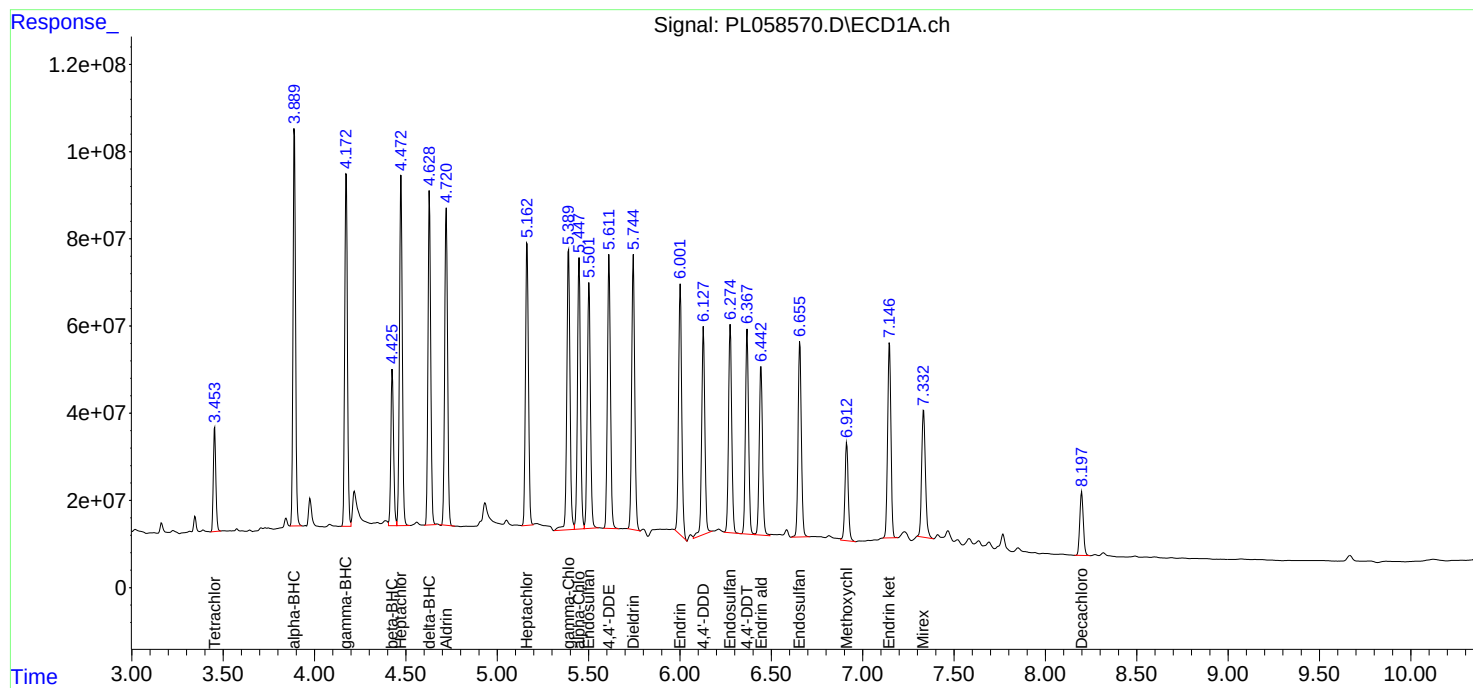
Instrument :  
ECD\_L  
ClientSampled :  
72-11936MSD

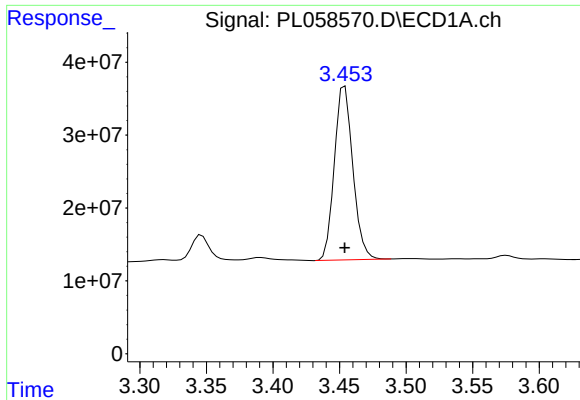
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 08 00:49:06 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 29 00:55:33 2020  
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





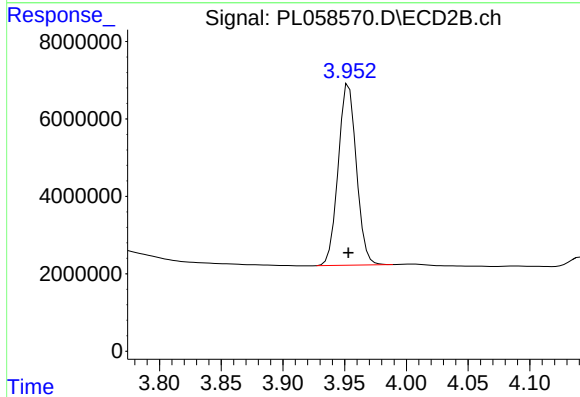
#1 Tetrachloro-m-xylene

R.T.: 3.454 min  
Delta R.T.: 0.000 min  
Response: 230660143  
Conc: 21.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

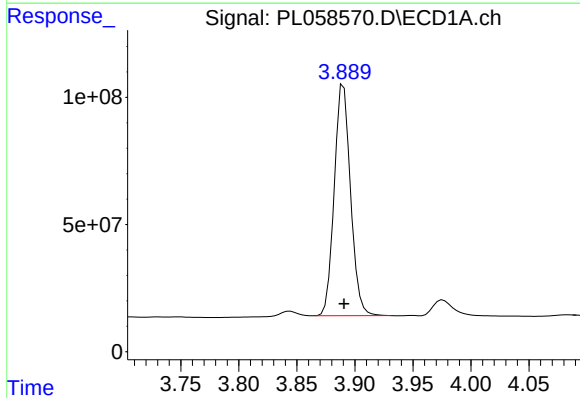
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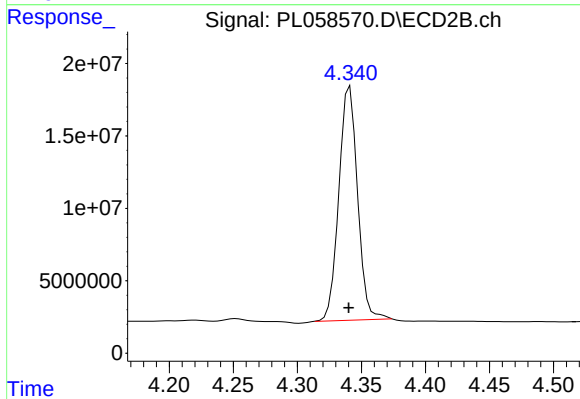
#1 Tetrachloro-m-xylene

R.T.: 3.953 min  
Delta R.T.: 0.000 min  
Response: 48020590  
Conc: 22.22 ng/ml



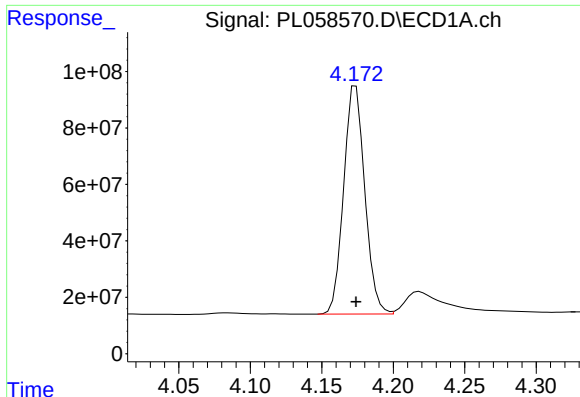
#2 alpha-BHC

R.T.: 3.890 min  
Delta R.T.: 0.000 min  
Response: 891169704  
Conc: 48.66 ng/ml



#2 alpha-BHC

R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 164343034  
Conc: 49.63 ng/ml



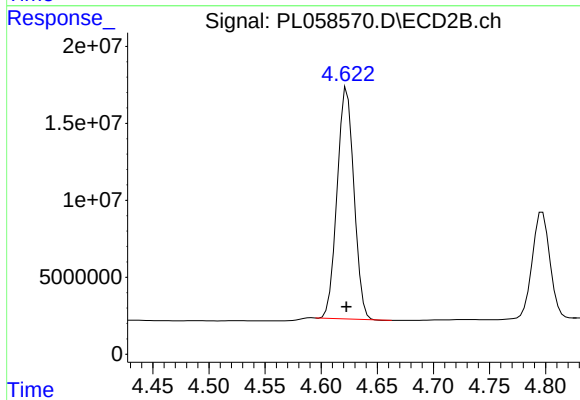
#3 gamma-BHC (Lindane)

R.T.: 4.174 min  
Delta R.T.: 0.000 min  
Response: 833360655  
Conc: 48.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

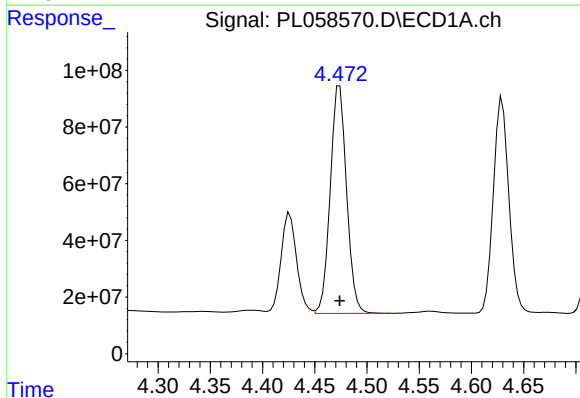
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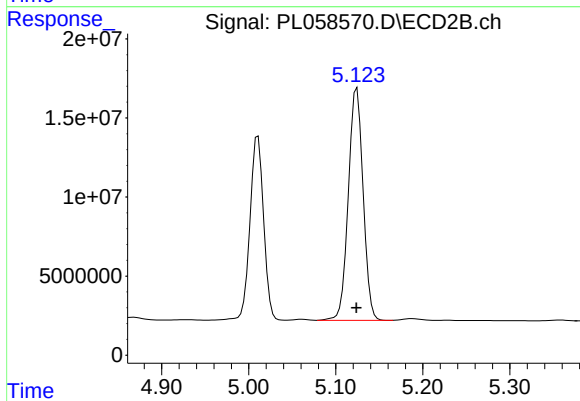
#3 gamma-BHC (Lindane)

R.T.: 4.623 min  
Delta R.T.: 0.000 min  
Response: 156824746  
Conc: 47.40 ng/ml



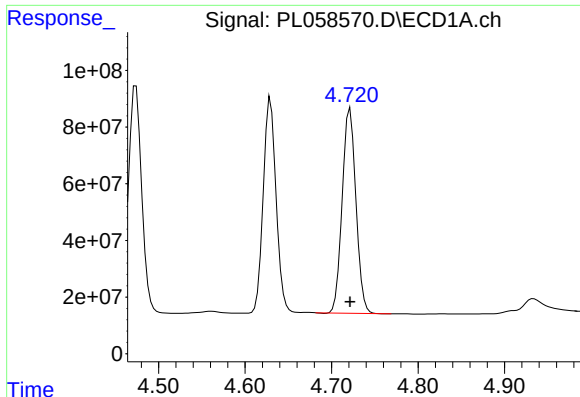
#4 Heptachlor

R.T.: 4.474 min  
Delta R.T.: 0.000 min  
Response: 873736405  
Conc: 49.45 ng/ml



#4 Heptachlor

R.T.: 5.124 min  
Delta R.T.: 0.000 min  
Response: 173154315  
Conc: 50.13 ng/ml



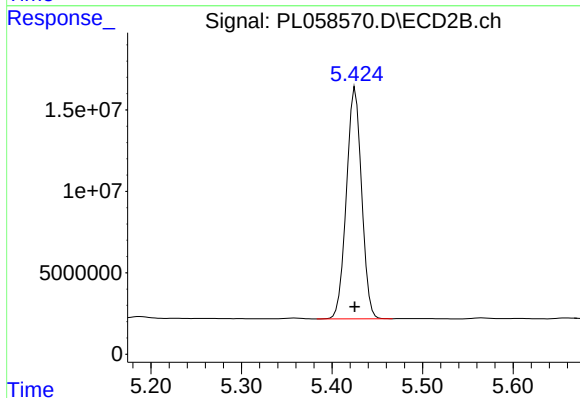
#5 Aldrin

R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 791475682  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

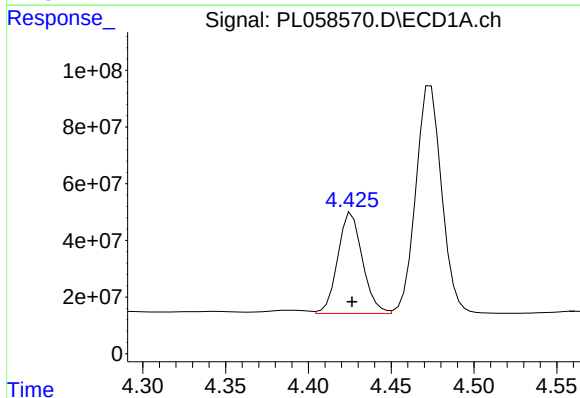
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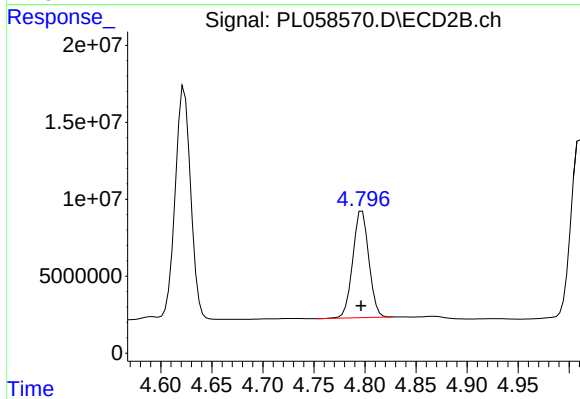
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: 0.000 min  
Response: 165759522  
Conc: 49.05 ng/ml



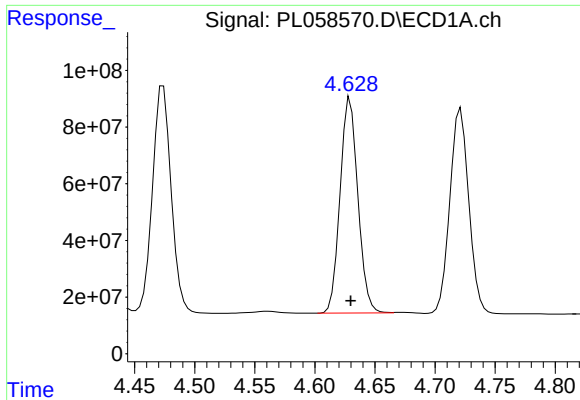
#6 beta-BHC

R.T.: 4.426 min  
Delta R.T.: 0.000 min  
Response: 369878719  
Conc: 51.75 ng/ml



#6 beta-BHC

R.T.: 4.797 min  
Delta R.T.: 0.001 min  
Response: 75911737  
Conc: 52.10 ng/ml



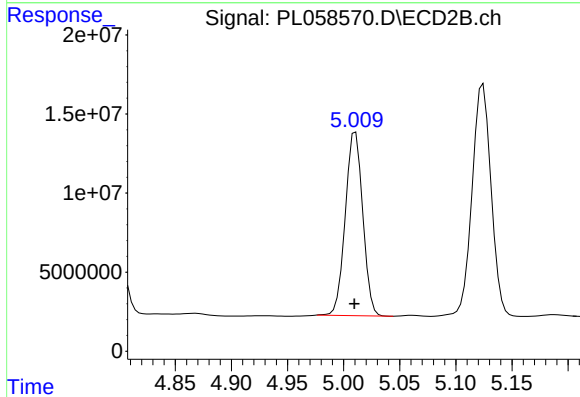
#7 delta-BHC

R.T.: 4.629 min  
Delta R.T.: 0.000 min  
Response: 785567662  
Conc: 46.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

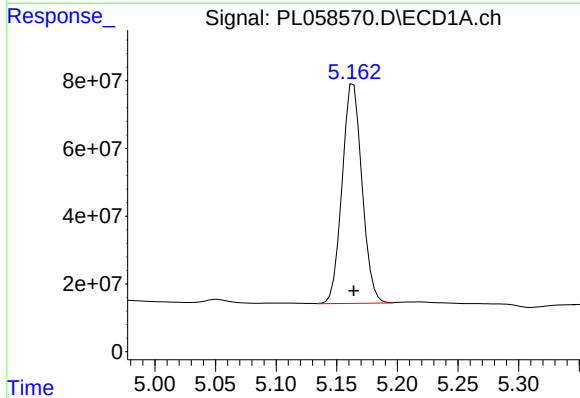
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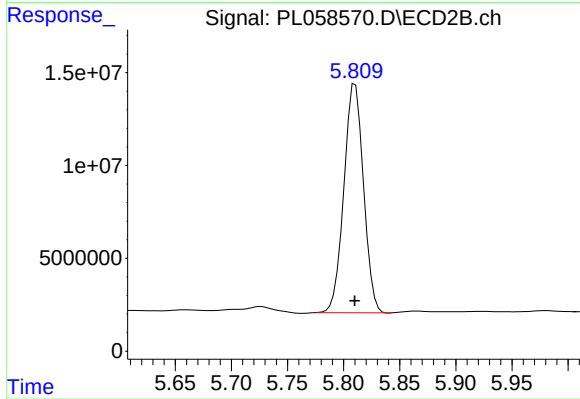
#7 delta-BHC

R.T.: 5.011 min  
Delta R.T.: 0.001 min  
Response: 125546895  
Conc: 49.94 ng/ml



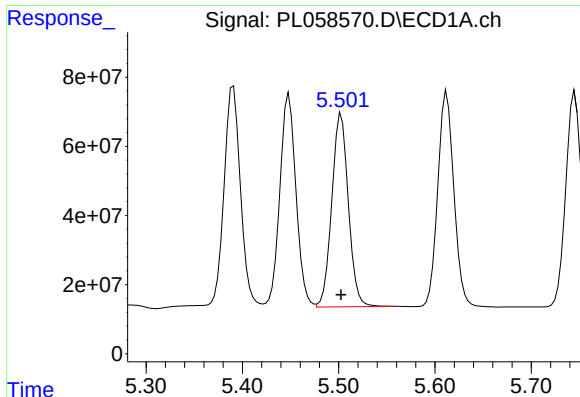
#8 Heptachlor epoxide

R.T.: 5.162 min  
Delta R.T.: -0.002 min  
Response: 738901276  
Conc: 48.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 149780780  
Conc: 46.78 ng/ml



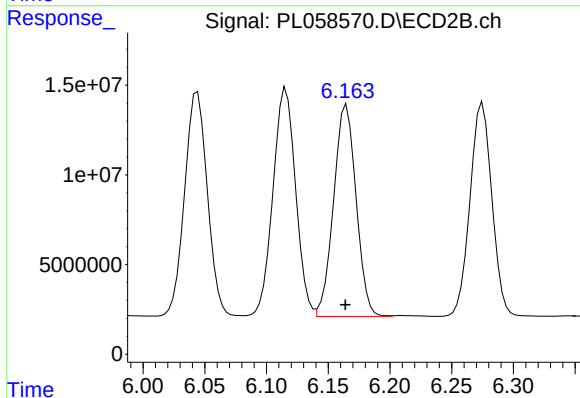
#9 Endosulfan I

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 668806678  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

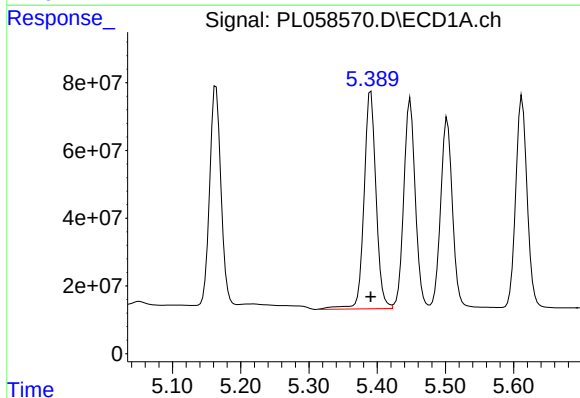
Manual Integrations  
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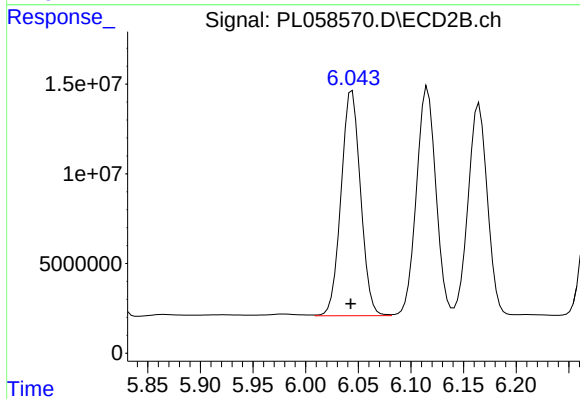
#9 Endosulfan I

R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 149761625  
Conc: 48.42 ng/ml



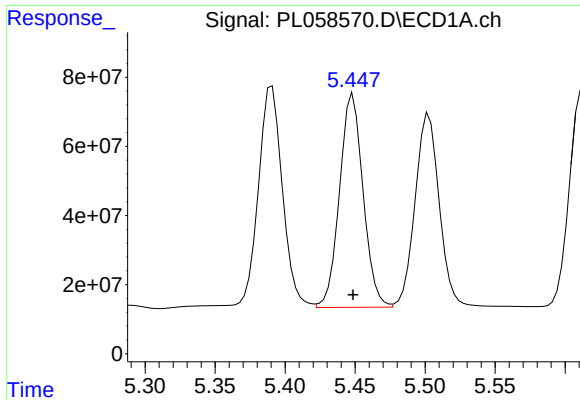
#10 gamma-Chlordane

R.T.: 5.391 min  
Delta R.T.: 0.000 min  
Response: 786036025  
Conc: 51.05 ng/ml



#10 gamma-Chlordane

R.T.: 6.044 min  
Delta R.T.: 0.001 min  
Response: 161915602  
Conc: 47.97 ng/ml



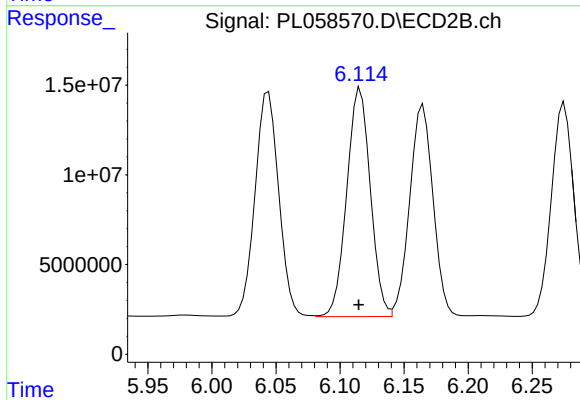
#11 alpha-Chlordane

R.T.: 5.449 min  
Delta R.T.: 0.000 min  
Response: 723375016  
Conc: 47.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

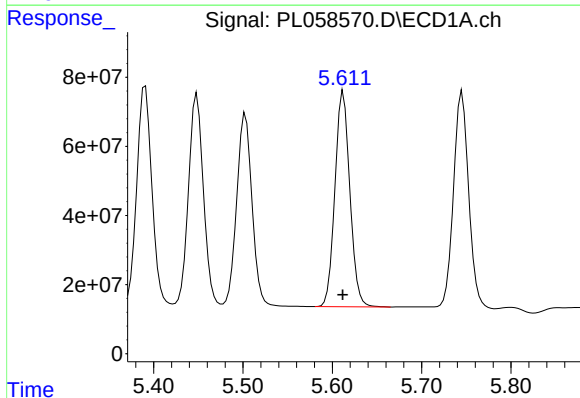
Manual Integrations  
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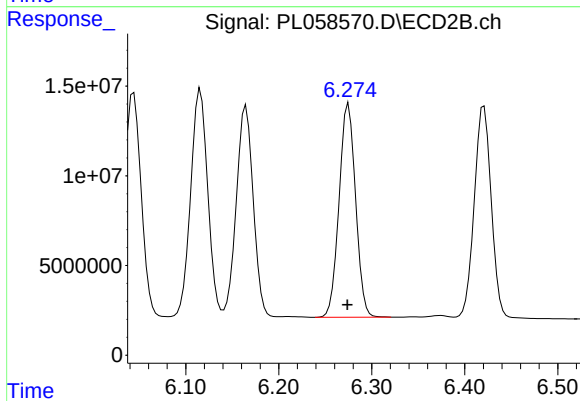
#11 alpha-Chlordane

R.T.: 6.116 min  
Delta R.T.: 0.001 min  
Response: 163381800  
Conc: 48.05 ng/ml



#12 4,4'-DDE

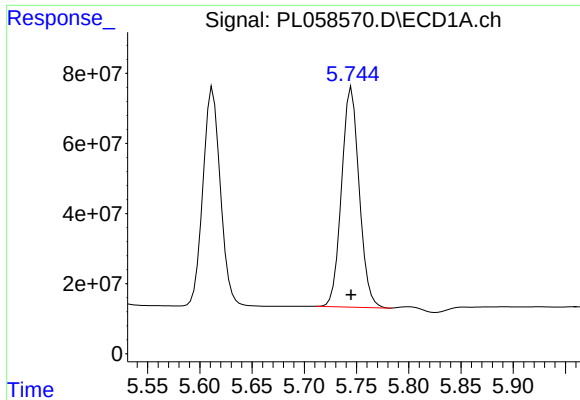
R.T.: 5.612 min  
Delta R.T.: 0.000 min  
Response: 723605787  
Conc: 47.86 ng/ml



#12 4,4'-DDE

R.T.: 6.275 min  
Delta R.T.: 0.001 min  
Response: 146814105  
Conc: 48.13 ng/ml





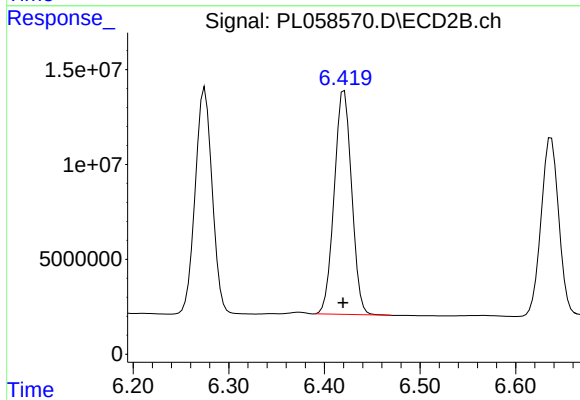
#13 Dieldrin

R.T.: 5.745 min  
Delta R.T.: 0.000 min  
Response: 736733371  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

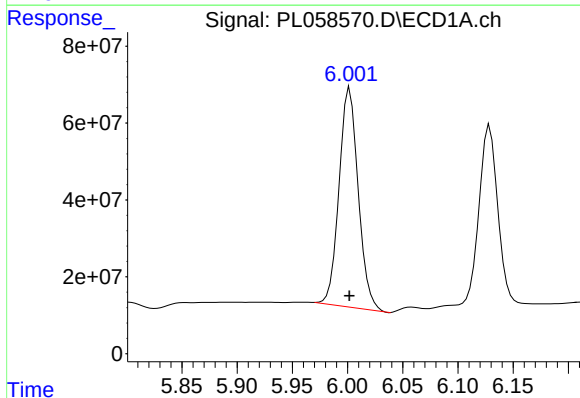
Manual Integrations  
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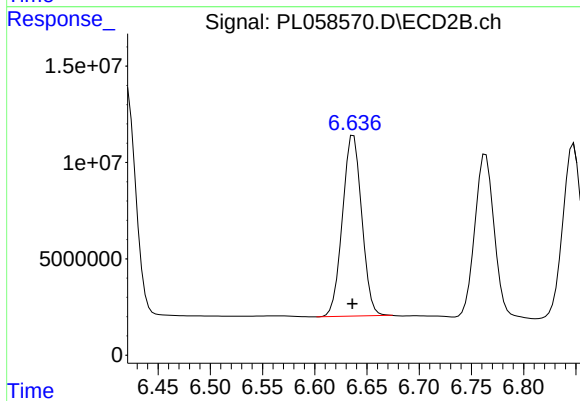
#13 Dieldrin

R.T.: 6.421 min  
Delta R.T.: 0.000 min  
Response: 149062044  
Conc: 47.63 ng/ml



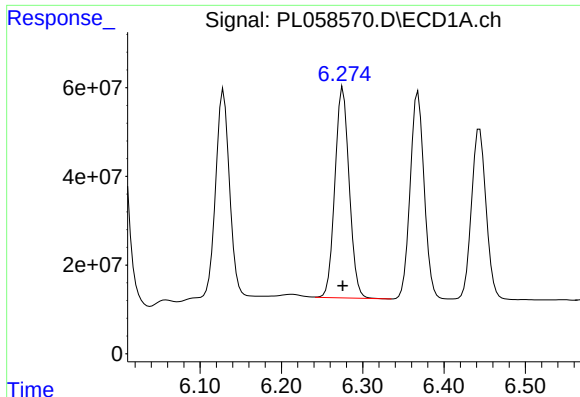
#14 Endrin

R.T.: 6.002 min  
Delta R.T.: 0.000 min  
Response: 690467009  
Conc: 50.79 ng/ml



#14 Endrin

R.T.: 6.637 min  
Delta R.T.: 0.001 min  
Response: 120337463  
Conc: 46.80 ng/ml



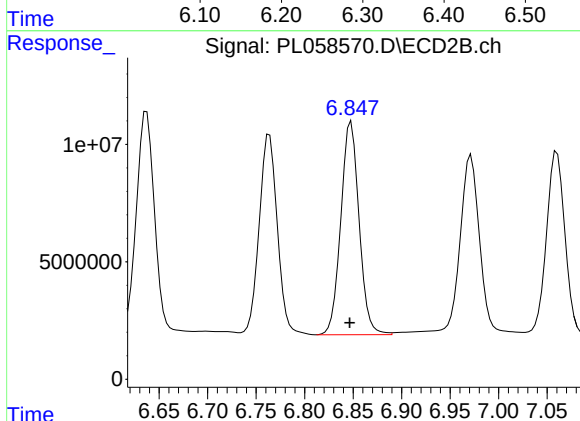
#15 Endosulfan II

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 580315450  
Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

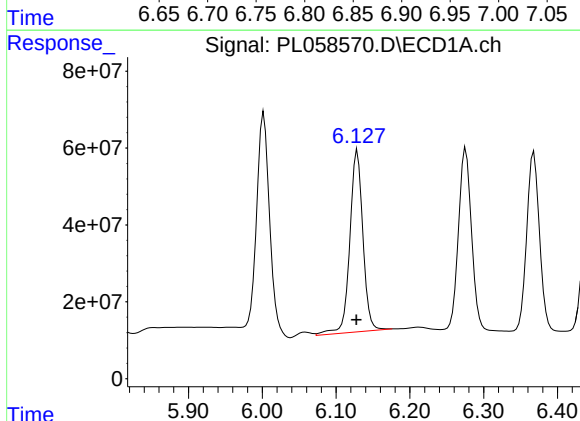
Manual Integrations  
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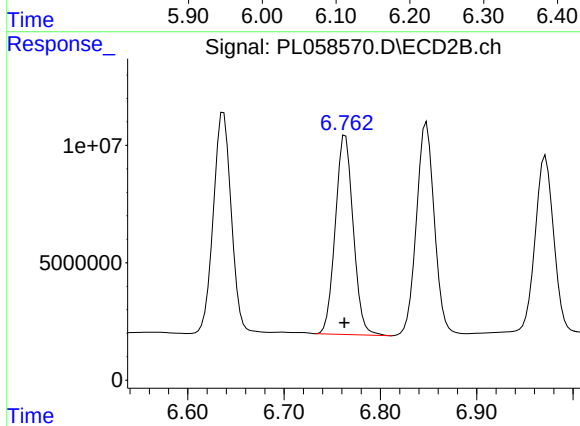
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: 0.001 min  
Response: 118867271  
Conc: 44.61 ng/ml



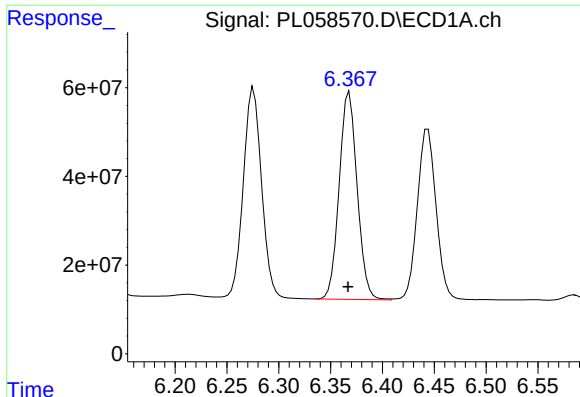
#16 4,4'-DDD

R.T.: 6.129 min  
Delta R.T.: 0.001 min  
Response: 581796829  
Conc: 49.61 ng/ml



#16 4,4'-DDD

R.T.: 6.764 min  
Delta R.T.: 0.001 min  
Response: 109541000  
Conc: 48.20 ng/ml



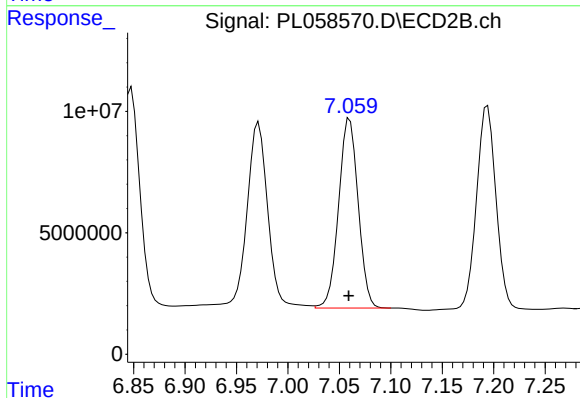
#17 4,4'-DDT

R.T.: 6.368 min  
Delta R.T.: 0.001 min  
Response: 563971342  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

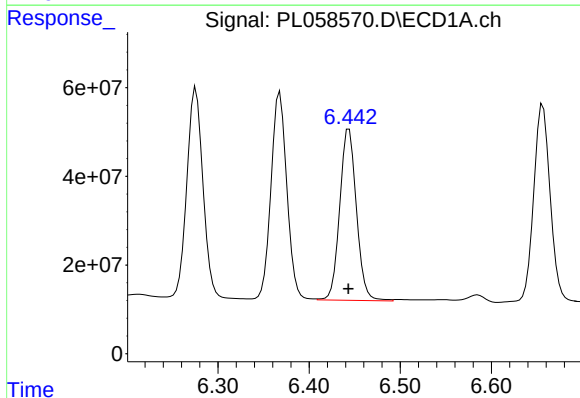
Manual Integrations  
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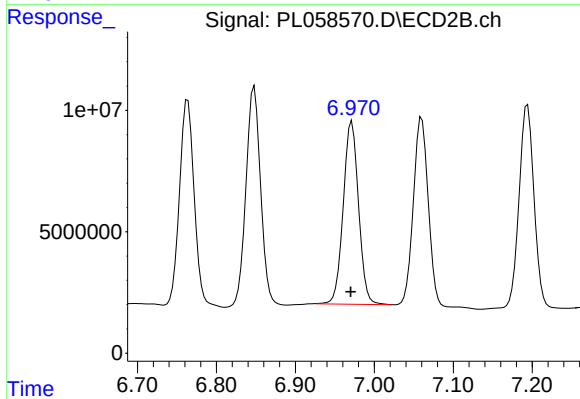
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 103186901  
Conc: 47.13 ng/ml



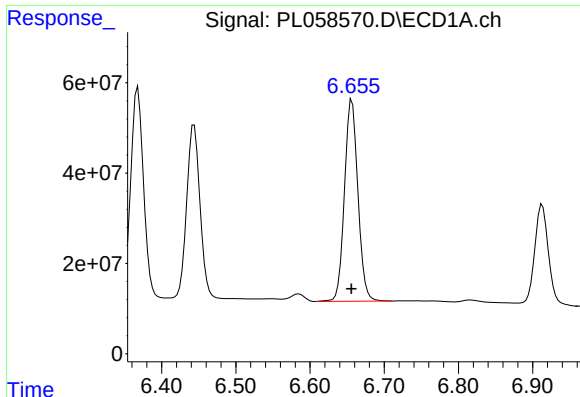
#18 Endrin aldehyde

R.T.: 6.444 min  
Delta R.T.: 0.000 min  
Response: 491677801  
Conc: 46.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.970 min  
Delta R.T.: 0.000 min  
Response: 101733455  
Conc: 46.66 ng/ml m



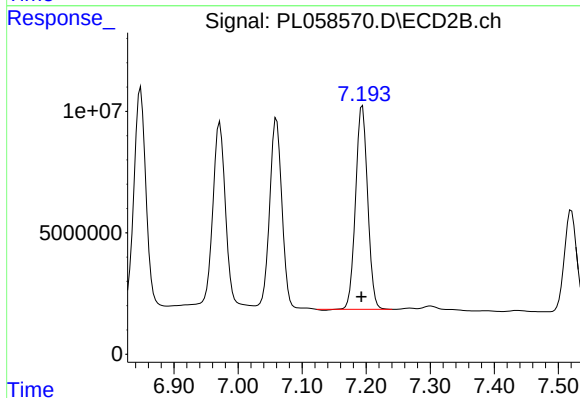
#19 Endosulfan Sulfate

R.T.: 6.657 min  
Delta R.T.: 0.000 min  
Response: 560785503  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

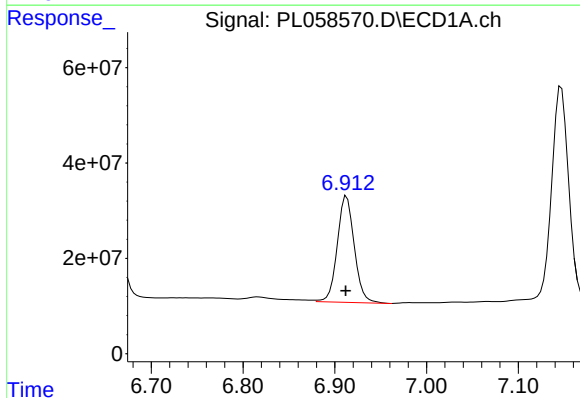
Manual Integrations  
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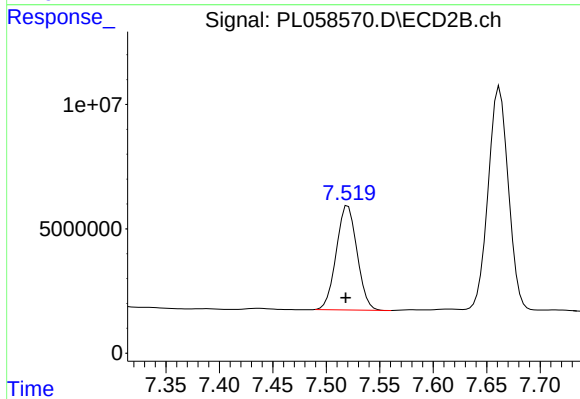
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: 0.001 min  
Response: 109788887  
Conc: 46.42 ng/ml



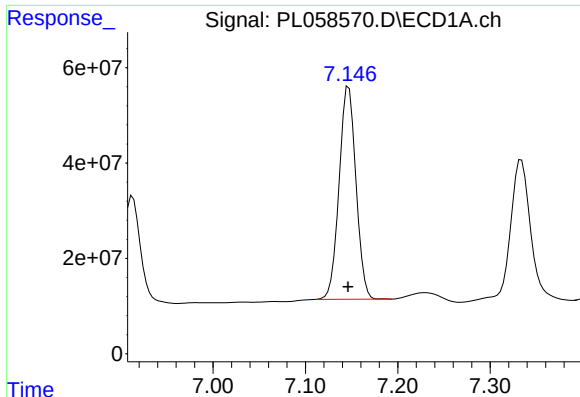
#20 Methoxychlor

R.T.: 6.913 min  
Delta R.T.: 0.000 min  
Response: 287786006  
Conc: 48.43 ng/ml



#20 Methoxychlor

R.T.: 7.520 min  
Delta R.T.: 0.002 min  
Response: 56667402  
Conc: 45.72 ng/ml



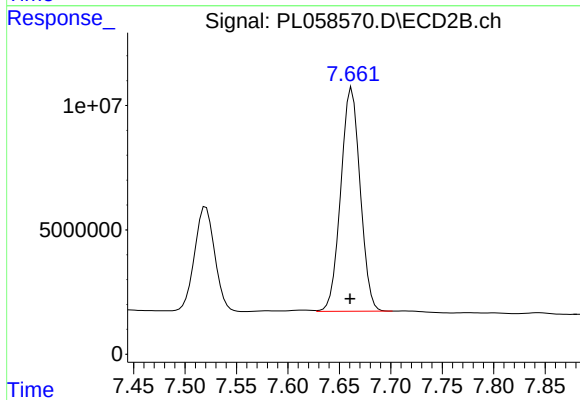
#21 Endrin ketone

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 566910429  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

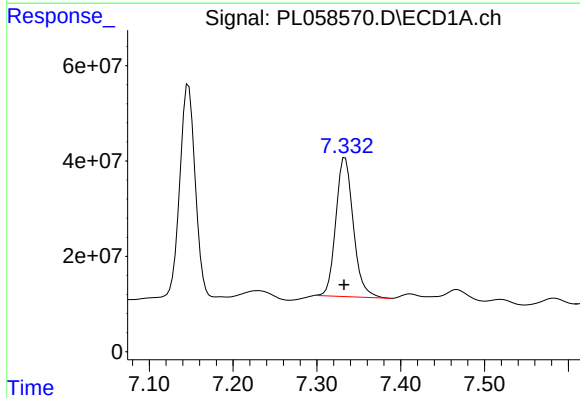
Manual Integrations  
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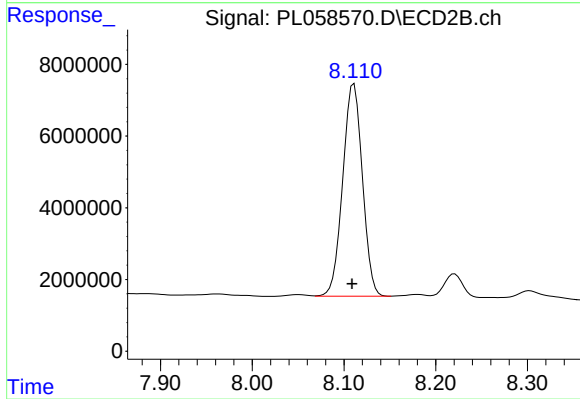
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: 0.002 min  
Response: 117855967  
Conc: 48.35 ng/ml



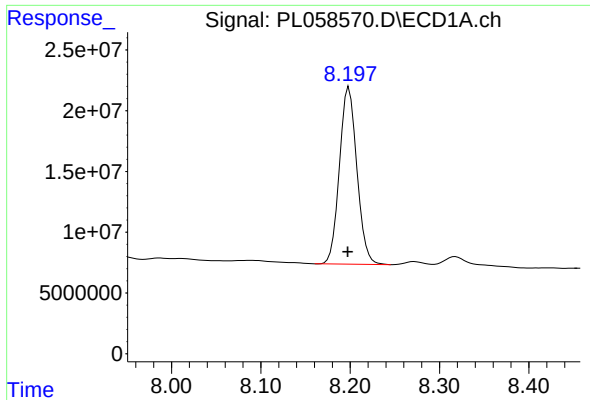
#22 Mirex

R.T.: 7.334 min  
Delta R.T.: 0.001 min  
Response: 420887219  
Conc: 47.57 ng/ml



#22 Mirex

R.T.: 8.111 min  
Delta R.T.: 0.002 min  
Response: 88309173  
Conc: 46.24 ng/ml



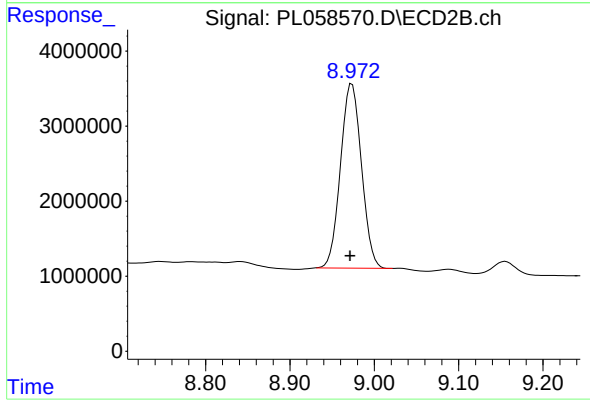
#28 Decachlorobiphenyl

R.T.: 8.199 min  
Delta R.T.: 0.001 min  
Response: 197178275  
Conc: 18.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
72-11936MSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.974 min  
Delta R.T.: 0.002 min  
Response: 42504040  
Conc: 19.16 ng/ml