

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051921\  
 Data File : PD063065.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2021 16:18  
 Operator : AR\AJ  
 Sample : PB136492BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB136492BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 04:49:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 18 07:12:39 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|---------|
| -----                       |                 |       |       |          |         |        |         |
| System Monitoring Compounds |                 |       |       |          |         |        |         |
| 1)                          | SA Tetrachlo... | 3.441 | 3.971 | 22714580 | 248.6E6 | 20.621 | 21.450  |
| 28)                         | SA Decachlor... | 8.197 | 9.026 | 26962931 | 242.2E6 | 21.424 | 23.745  |
| Target Compounds            |                 |       |       |          |         |        |         |
| 2)                          | A alpha-BHC     | 3.877 | 4.359 | 90159050 | 944.2E6 | 51.999 | 49.039  |
| 3)                          | MA gamma-BHC... | 4.160 | 4.643 | 83529725 | 857.9E6 | 51.375 | 49.708  |
| 4)                          | MA Heptachlor   | 4.461 | 5.151 | 81464657 | 863.0E6 | 51.786 | 52.047  |
| 5)                          | MB Aldrin       | 4.710 | 5.455 | 80927630 | 847.3E6 | 52.825 | 50.758  |
| 6)                          | B beta-BHC      | 4.411 | 4.814 | 35628886 | 365.0E6 | 45.022 | 49.205  |
| 7)                          | B delta-BHC     | 4.615 | 5.029 | 85367451 | 849.4E6 | 51.788 | 60.794m |
| 8)                          | B Heptachlo...  | 5.153 | 5.841 | 74674729 | 769.3E6 | 51.818 | 50.294  |
| 9)                          | A Endosulfan I  | 5.491 | 6.197 | 69807978 | 729.0E6 | 51.443 | 51.320  |
| 10)                         | B gamma-Chl...  | 5.379 | 6.075 | 75827360 | 789.4E6 | 51.696 | 50.637  |
| 11)                         | B alpha-Chl...  | 5.438 | 6.148 | 74658261 | 759.3E6 | 51.711 | 51.235  |
| 12)                         | B 4,4'-DDE      | 5.602 | 6.305 | 73658173 | 777.6E6 | 51.343 | 51.519  |
| 13)                         | MA Dieldrin     | 5.735 | 6.454 | 76102238 | 776.9E6 | 51.433 | 51.232  |
| 14)                         | MA Endrin       | 5.993 | 6.672 | 67144701 | 597.4E6 | 50.202 | 46.825  |
| 15)                         | B Endosulfa...  | 6.266 | 6.881 | 63422379 | 638.8E6 | 50.978 | 53.268  |
| 16)                         | A 4,4'-DDD      | 6.118 | 6.794 | 65413809 | 661.4E6 | 54.377 | 54.515  |
| 17)                         | MA 4,4'-DDT     | 6.359 | 7.093 | 60771273 | 622.3E6 | 53.170 | 55.194  |
| 18)                         | B Endrin al...  | 6.434 | 7.005 | 54110375 | 525.7E6 | 50.905 | 51.616  |
| 19)                         | B Endosulfa...  | 6.648 | 7.228 | 63343362 | 647.0E6 | 52.554 | 52.726  |
| 20)                         | A Methoxychlor  | 6.907 | 7.551 | 34766455 | 294.1E6 | 51.808 | 51.268  |
| 21)                         | B Endrin ke...  | 7.140 | 7.699 | 81040945 | 663.2E6 | 54.842 | 55.292  |
| 22)                         | Mirex           | 7.327 | 8.152 | 54931590 | 412.2E6 | 51.194 | 54.206  |
| -----                       |                 |       |       |          |         |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051921\  
 Data File : PD063065.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2021 16:18  
 Operator : AR\AJ  
 Sample : PB136492BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

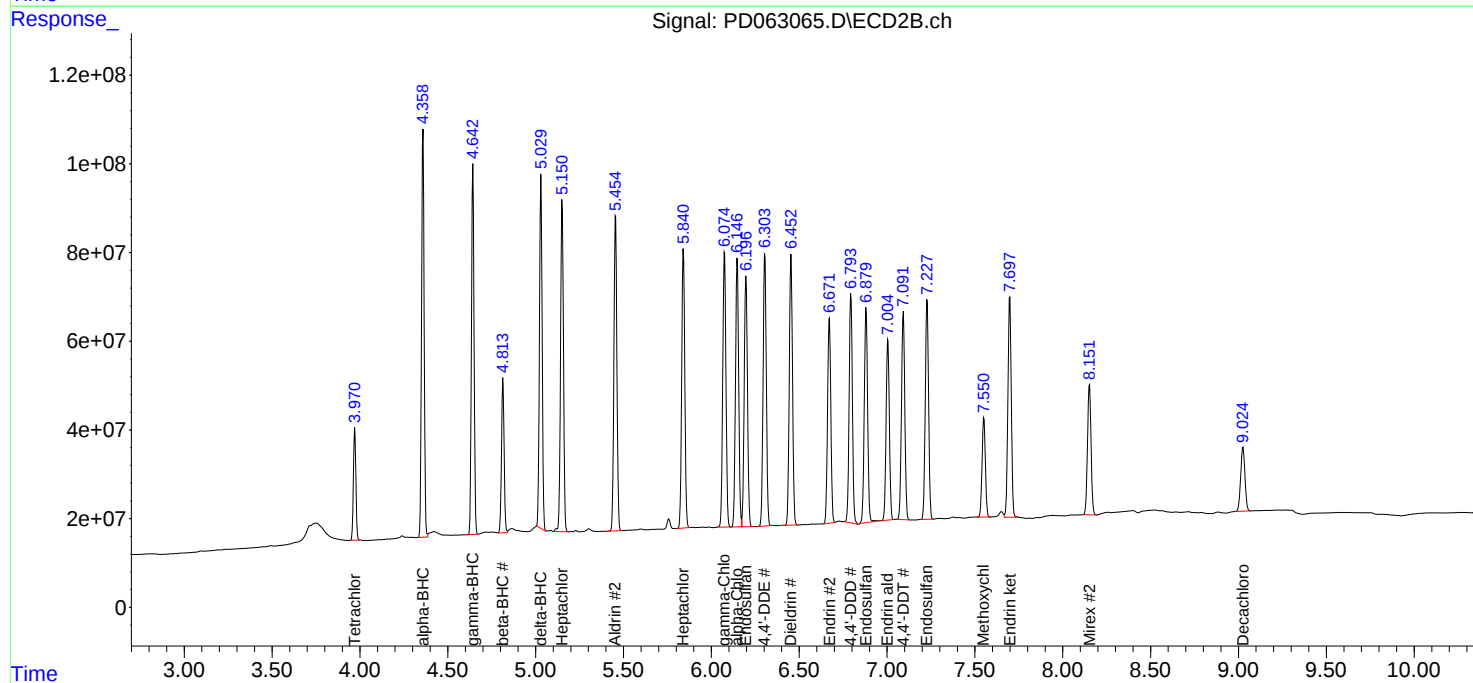
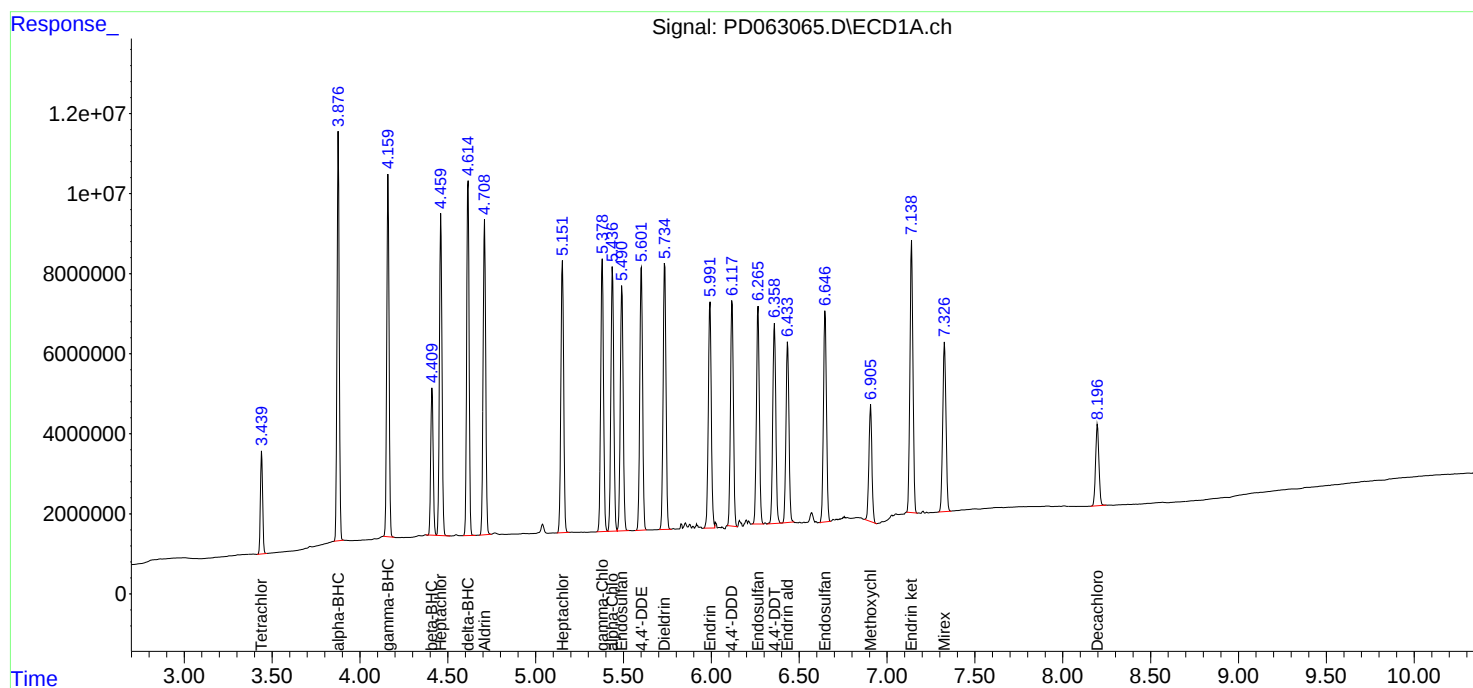
Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB136492BS

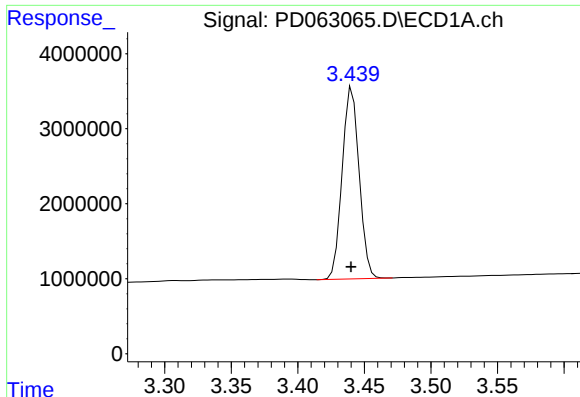
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 04:49:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 18 07:12:39 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





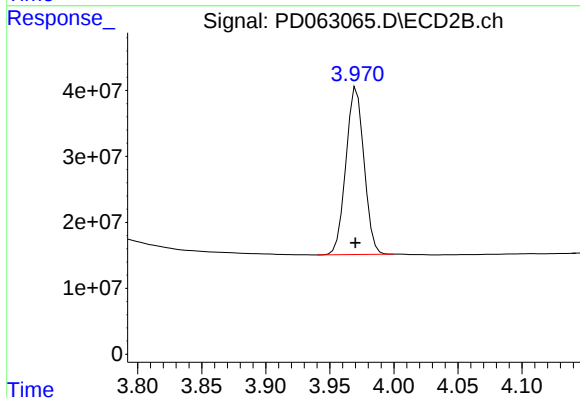
#1 Tetrachloro-m-xylene

R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 22714580  
Conc: 20.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

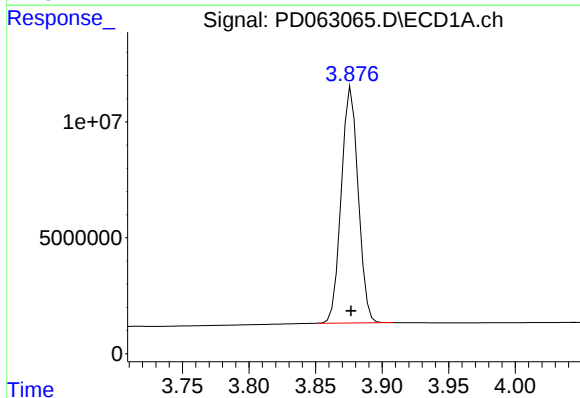
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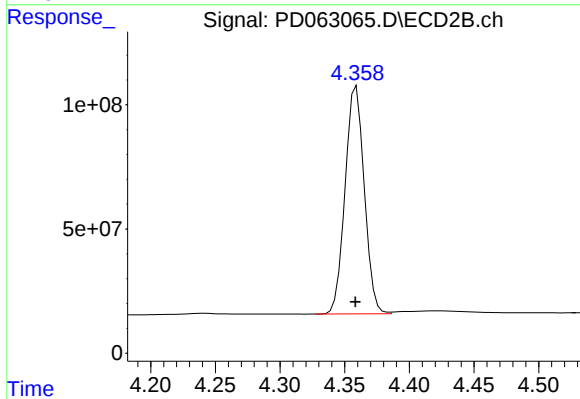
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 248563803  
Conc: 21.45 ng/ml



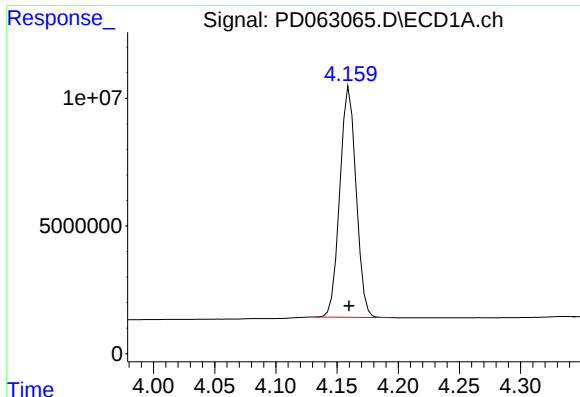
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: 0.000 min  
Response: 90159050  
Conc: 52.00 ng/ml



#2 alpha-BHC

R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 944228849  
Conc: 49.04 ng/ml



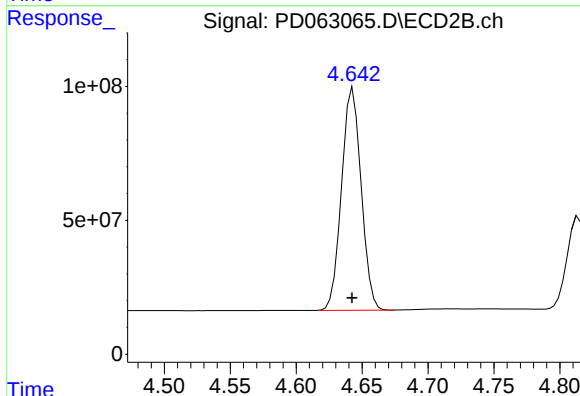
#3 gamma-BHC (Lindane)

R.T.: 4.160 min  
Delta R.T.: 0.000 min  
Response: 83529725  
Conc: 51.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

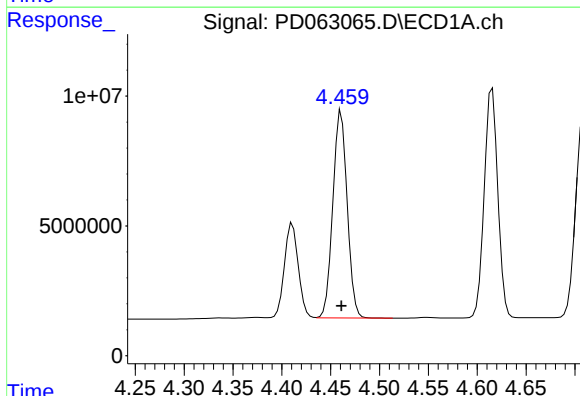
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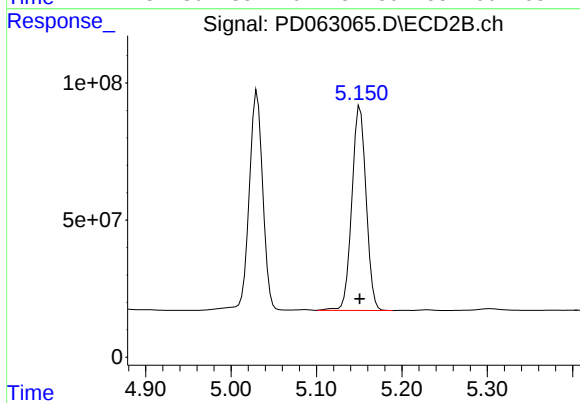
#3 gamma-BHC (Lindane)

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 857902907  
Conc: 49.71 ng/ml



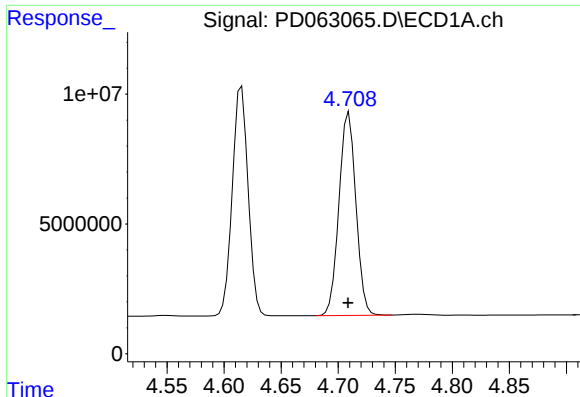
#4 Heptachlor

R.T.: 4.461 min  
Delta R.T.: 0.000 min  
Response: 81464657  
Conc: 51.79 ng/ml



#4 Heptachlor

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 862967138  
Conc: 52.05 ng/ml



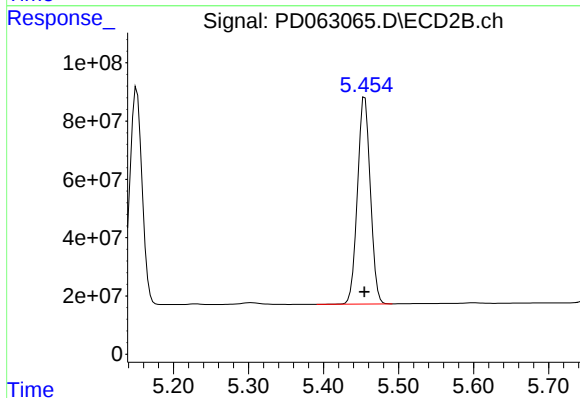
#5 Aldrin

R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 80927630  
Conc: 52.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

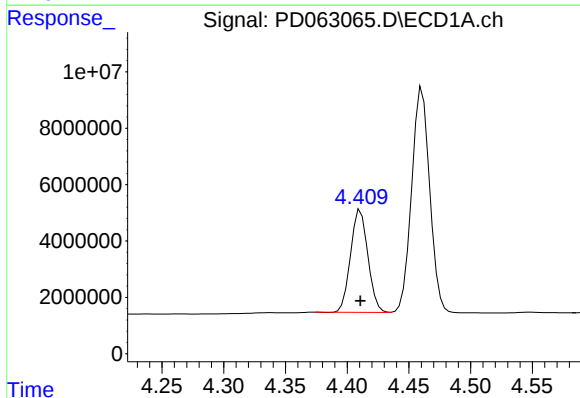
Manual Integrations  
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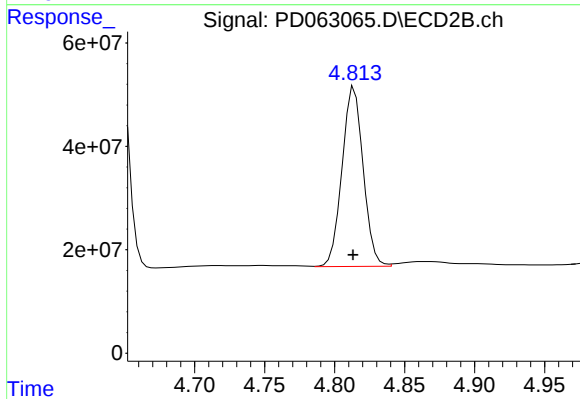
#5 Aldrin

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 847257739  
Conc: 50.76 ng/ml



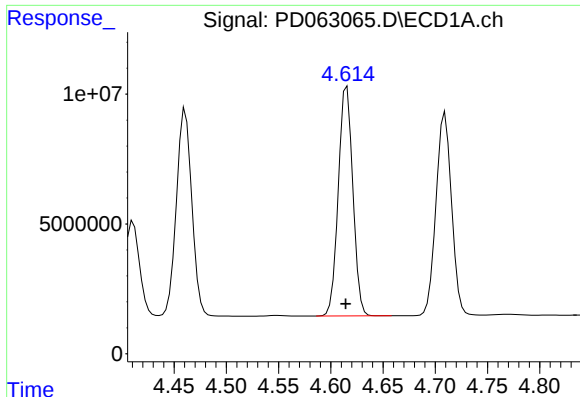
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: 0.000 min  
Response: 35628886  
Conc: 45.02 ng/ml



#6 beta-BHC

R.T.: 4.814 min  
Delta R.T.: 0.000 min  
Response: 364978786  
Conc: 49.21 ng/ml



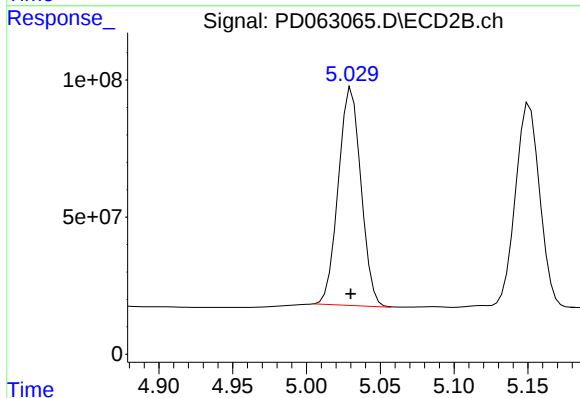
#7 delta-BHC

R.T.: 4.615 min  
Delta R.T.: 0.001 min  
Response: 85367451  
Conc: 51.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

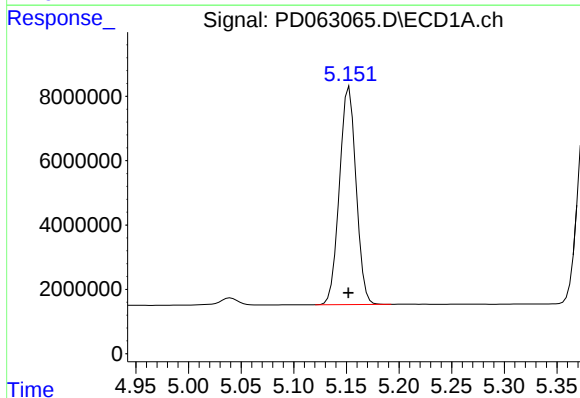
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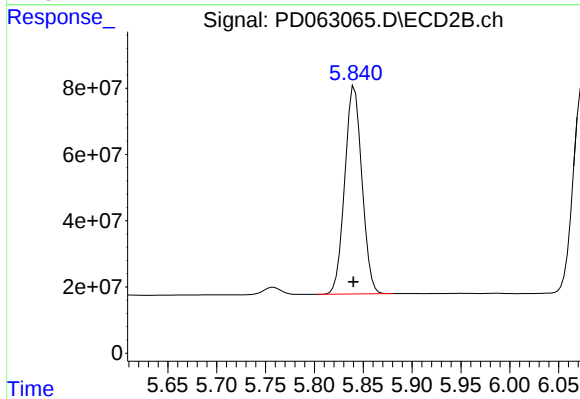
#7 delta-BHC

R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 849406601  
Conc: 60.79 ng/ml m



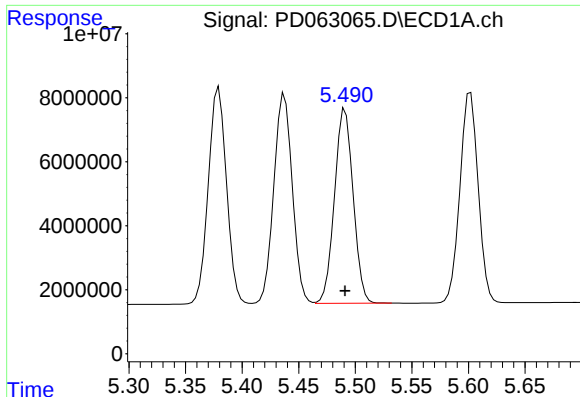
#8 Heptachlor epoxide

R.T.: 5.153 min  
Delta R.T.: 0.000 min  
Response: 74674729  
Conc: 51.82 ng/ml



#8 Heptachlor epoxide

R.T.: 5.841 min  
Delta R.T.: 0.001 min  
Response: 769276718  
Conc: 50.29 ng/ml



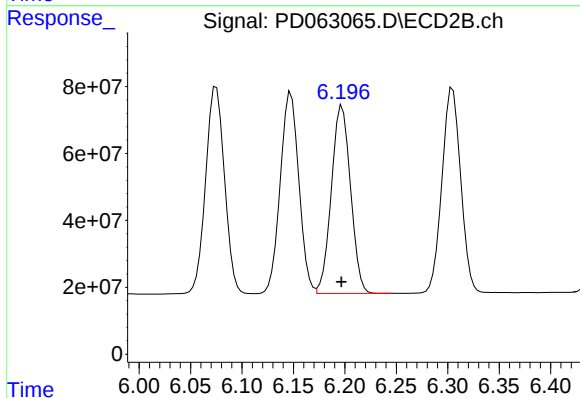
#9 Endosulfan I

R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 69807978  
Conc: 51.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

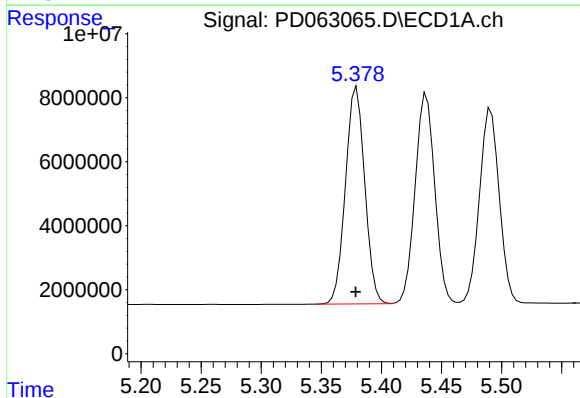
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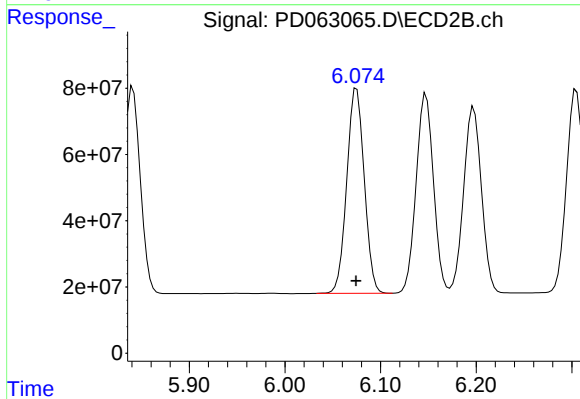
#9 Endosulfan I

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 728987878  
Conc: 51.32 ng/ml



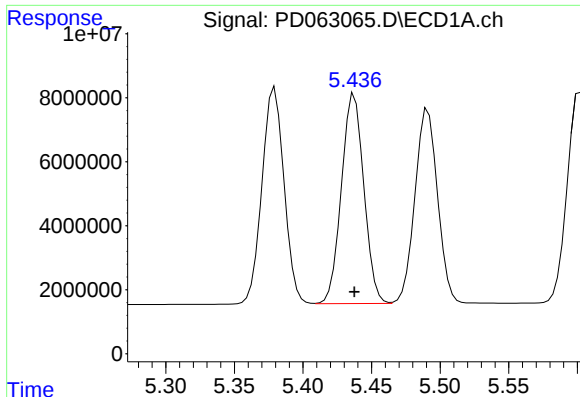
#10 gamma-Chlordane

R.T.: 5.379 min  
Delta R.T.: 0.000 min  
Response: 75827360  
Conc: 51.70 ng/ml



#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 789365764  
Conc: 50.64 ng/ml



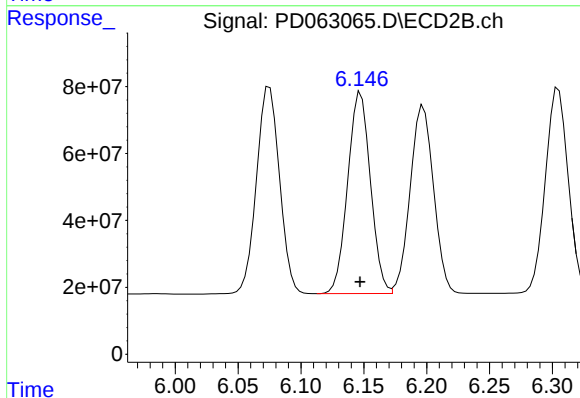
#11 alpha-Chlordane

R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 74658261  
Conc: 51.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

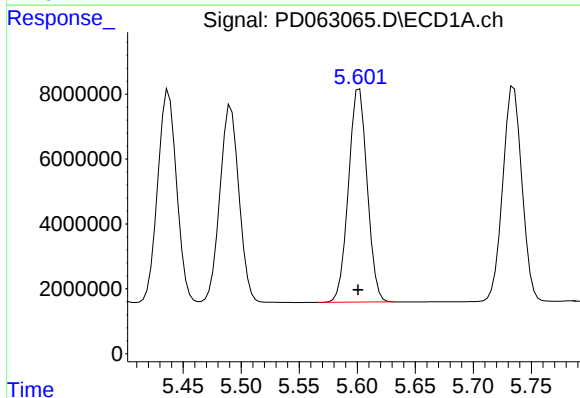
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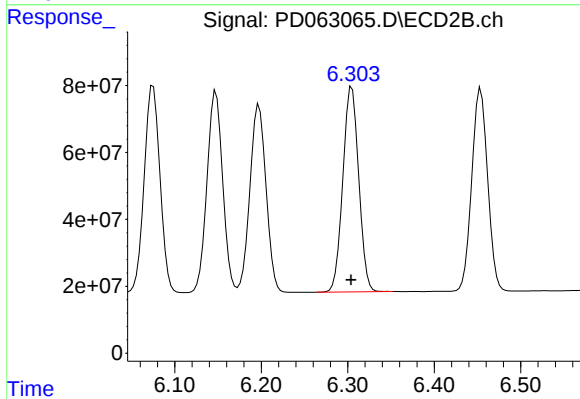
#11 alpha-Chlordane

R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 759280576  
Conc: 51.23 ng/ml



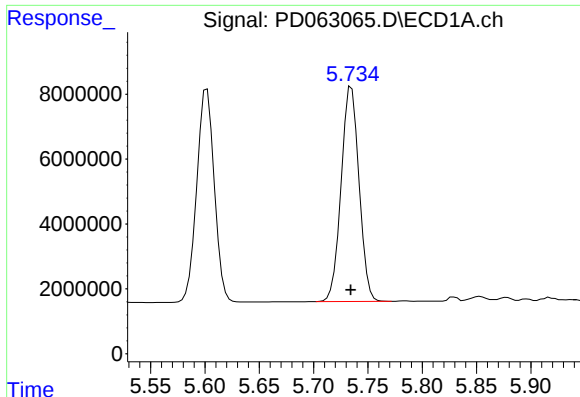
#12 4,4'-DDE

R.T.: 5.602 min  
Delta R.T.: 0.001 min  
Response: 73658173  
Conc: 51.34 ng/ml



#12 4,4'-DDE

R.T.: 6.305 min  
Delta R.T.: 0.001 min  
Response: 777629202  
Conc: 51.52 ng/ml



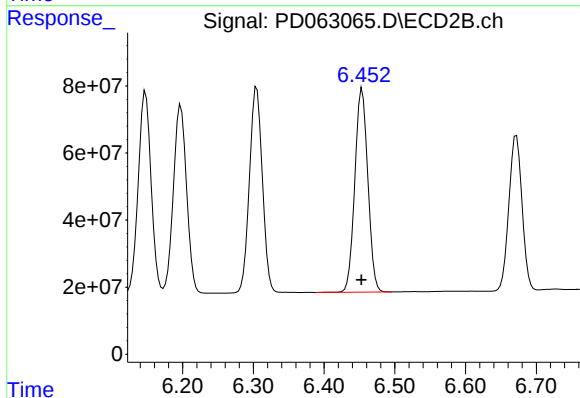
#13 Dieldrin

R.T.: 5.735 min  
Delta R.T.: 0.000 min  
Response: 76102238  
Conc: 51.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

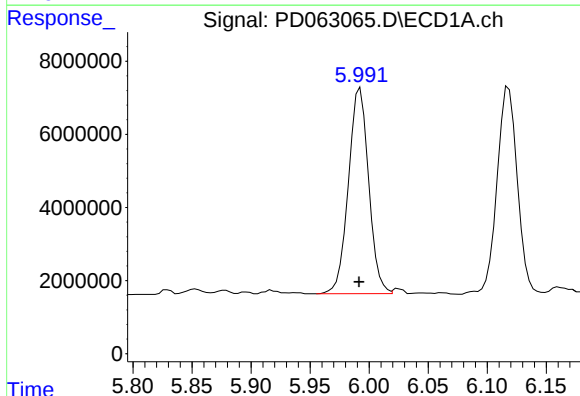
Manual Integrations  
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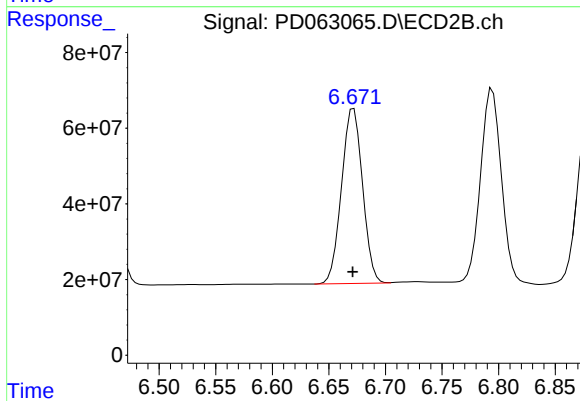
#13 Dieldrin

R.T.: 6.454 min  
Delta R.T.: 0.001 min  
Response: 776857141  
Conc: 51.23 ng/ml



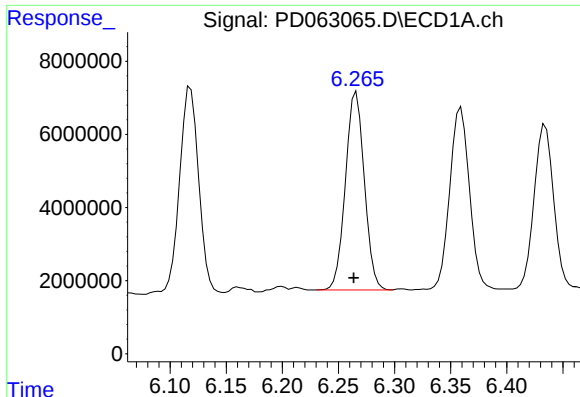
#14 Endrin

R.T.: 5.993 min  
Delta R.T.: 0.001 min  
Response: 67144701  
Conc: 50.20 ng/ml



#14 Endrin

R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 597425289  
Conc: 46.83 ng/ml



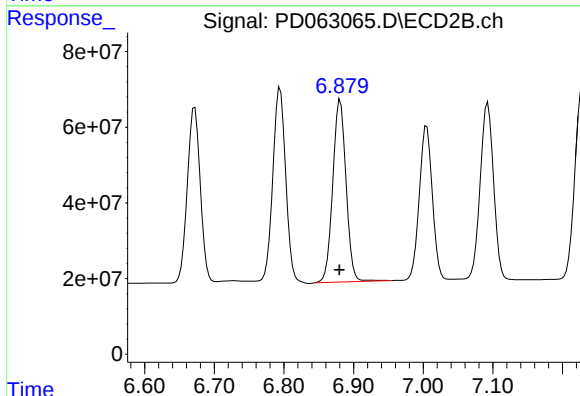
#15 Endosulfan II

R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 63422379  
Conc: 50.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

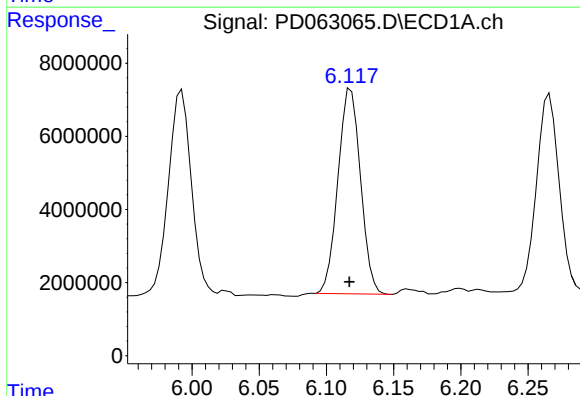
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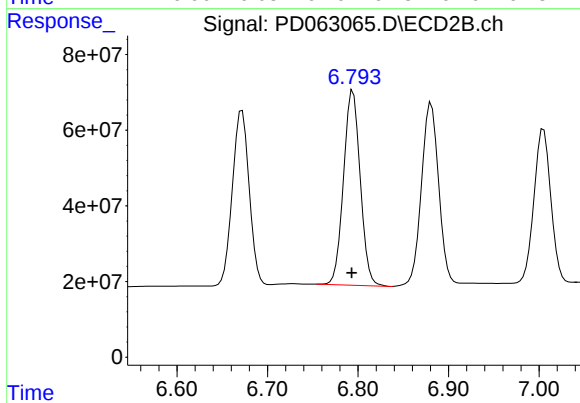
#15 Endosulfan II

R.T.: 6.881 min  
Delta R.T.: 0.001 min  
Response: 638771169  
Conc: 53.27 ng/ml



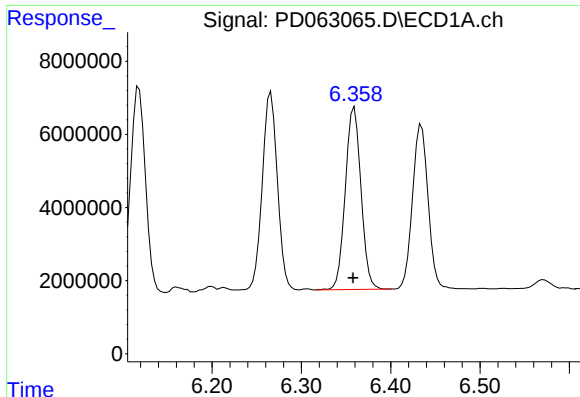
#16 4,4'-DDD

R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 65413809  
Conc: 54.38 ng/ml



#16 4,4'-DDD

R.T.: 6.794 min  
Delta R.T.: 0.001 min  
Response: 661403549  
Conc: 54.52 ng/ml



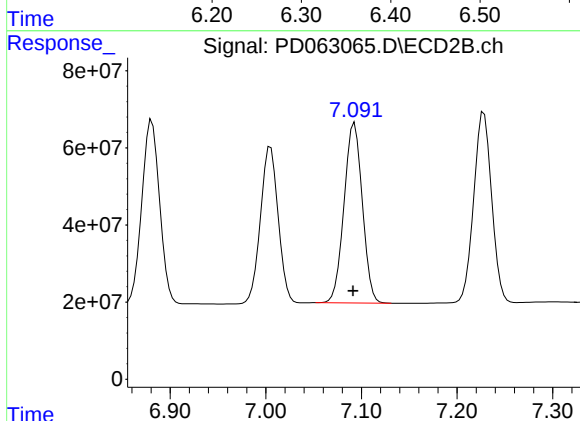
#17 4,4'-DDT

R.T.: 6.359 min  
Delta R.T.: 0.001 min  
Response: 60771273  
Conc: 53.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

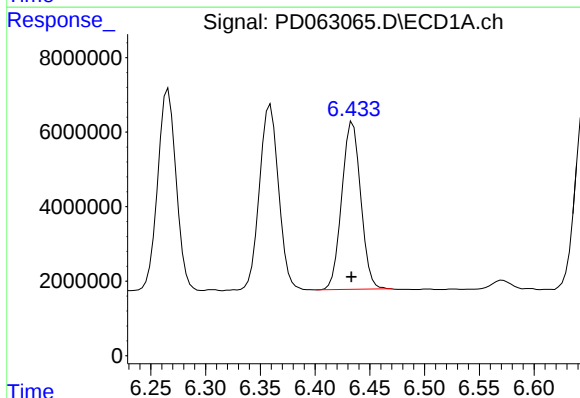
Manual Integrations  
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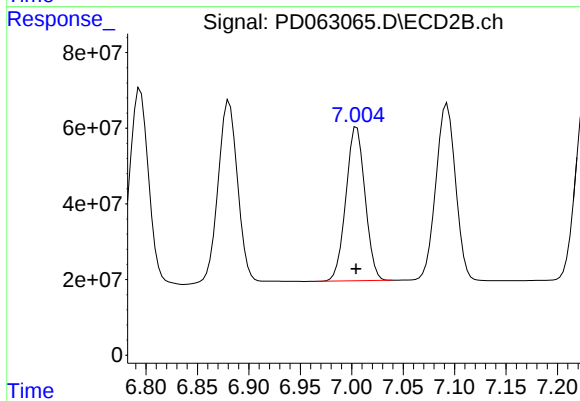
#17 4,4'-DDT

R.T.: 7.093 min  
Delta R.T.: 0.002 min  
Response: 622348674  
Conc: 55.19 ng/ml



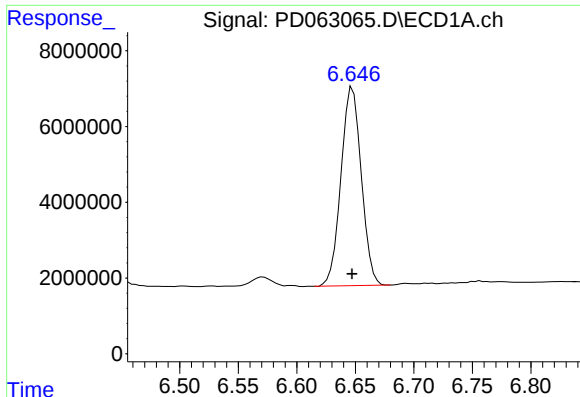
#18 Endrin aldehyde

R.T.: 6.434 min  
Delta R.T.: 0.001 min  
Response: 54110375  
Conc: 50.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 525685962  
Conc: 51.62 ng/ml



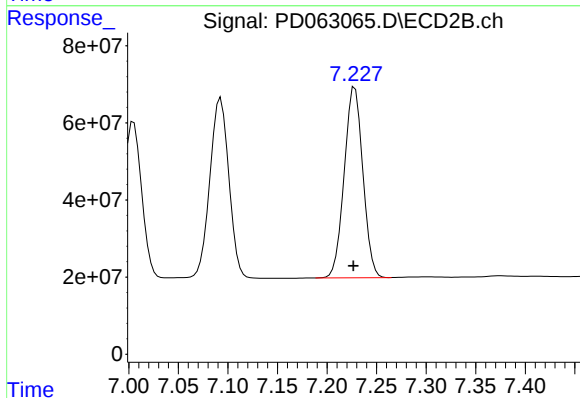
#19 Endosulfan Sulfate

R.T.: 6.648 min  
Delta R.T.: 0.000 min  
Response: 63343362  
Conc: 52.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

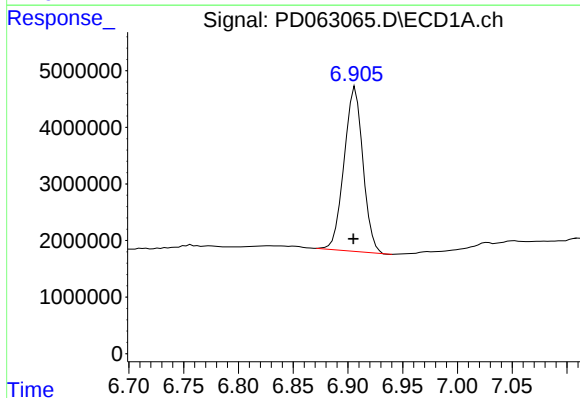
Manual Integrations  
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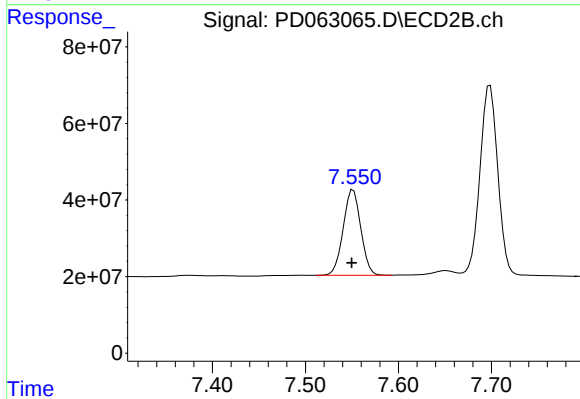
#19 Endosulfan Sulfate

R.T.: 7.228 min  
Delta R.T.: 0.001 min  
Response: 646954954  
Conc: 52.73 ng/ml



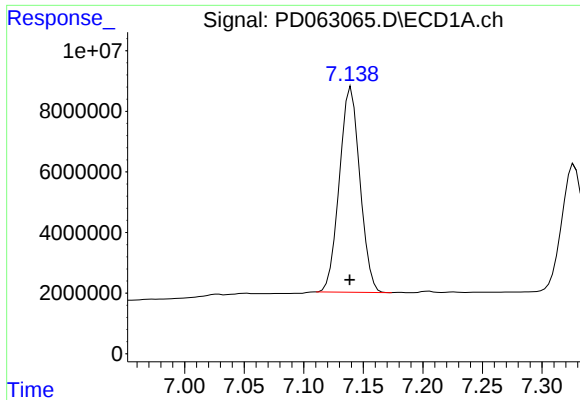
#20 Methoxychlor

R.T.: 6.907 min  
Delta R.T.: 0.002 min  
Response: 34766455  
Conc: 51.81 ng/ml



#20 Methoxychlor

R.T.: 7.551 min  
Delta R.T.: 0.002 min  
Response: 294107772  
Conc: 51.27 ng/ml



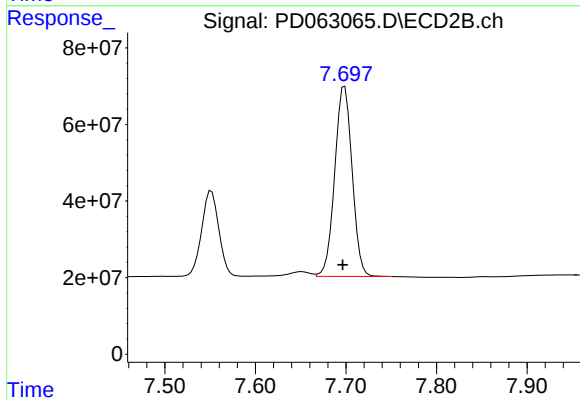
#21 Endrin ketone

R.T.: 7.140 min  
Delta R.T.: 0.001 min  
Response: 81040945  
Conc: 54.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

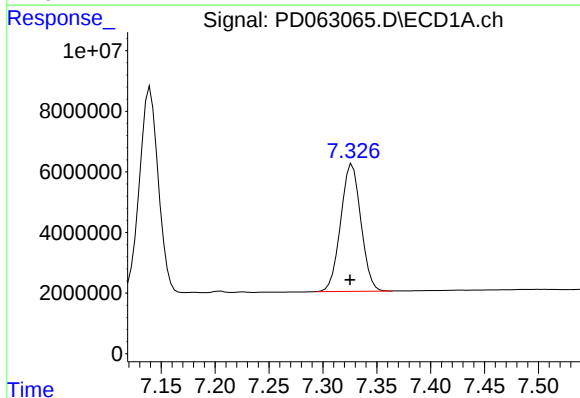
Manual Integrations  
APPROVED

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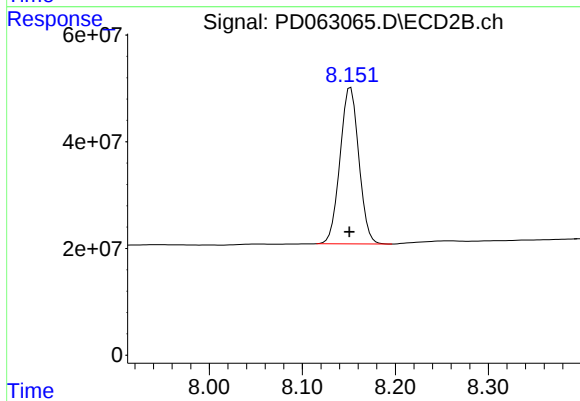
#21 Endrin ketone

R.T.: 7.699 min  
Delta R.T.: 0.002 min  
Response: 663247817  
Conc: 55.29 ng/ml



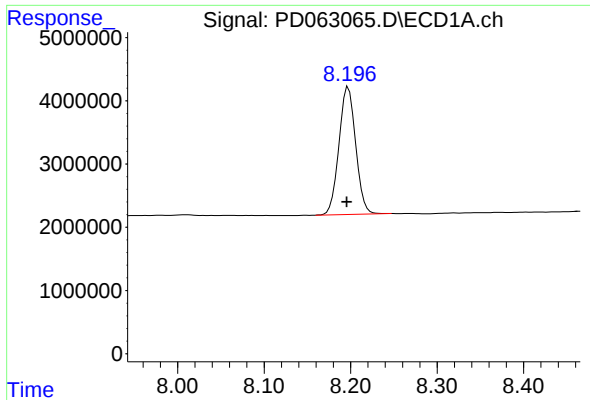
#22 Mirex

R.T.: 7.327 min  
Delta R.T.: 0.002 min  
Response: 54931590  
Conc: 51.19 ng/ml



#22 Mirex

R.T.: 8.152 min  
Delta R.T.: 0.001 min  
Response: 412201823  
Conc: 54.21 ng/ml



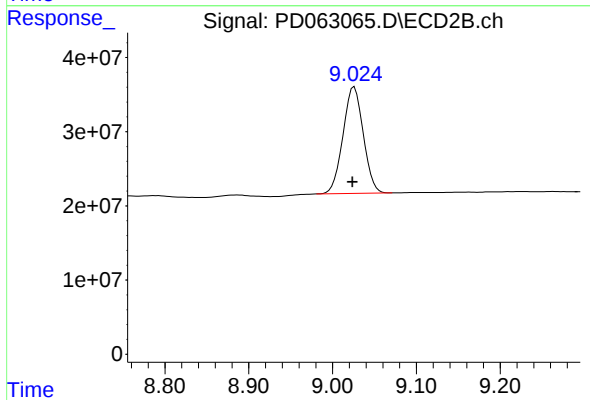
#28 Decachlorobiphenyl

R.T.: 8.197 min  
Delta R.T.: 0.002 min  
Response: 26962931  
Conc: 21.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB136492BS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.002 min  
Response: 242247517  
Conc: 23.75 ng/ml