

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082321\  
 Data File : PD065247.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2021 17:34  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 24 04:19:31 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 20 02:25:41 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... | 3.499 | 4.013 | 52182156 | 400.7E6 | 50.766 | 50.585  |
| 28)                         | SA Decachlor... | 8.247 | 9.088 | 62823578 | 247.6E6 | 55.447 | 52.328  |
| Target Compounds            |                 |       |       |          |         |        |         |
| 2)                          | A alpha-BHC     | 3.940 | 4.408 | 75477424 | 589.5E6 | 52.738 | 50.744  |
| 3)                          | MA gamma-BHC... | 4.223 | 4.695 | 71063907 | 567.0E6 | 51.798 | 53.525  |
| 4)                          | MA Heptachlor   | 4.521 | 5.199 | 66119426 | 485.7E6 | 50.764 | 48.447  |
| 5)                          | MB Aldrin       | 4.770 | 5.504 | 64185305 | 452.6E6 | 53.523 | 50.108  |
| 6)                          | B beta-BHC      | 4.471 | 4.870 | 35493681 | 238.0E6 | 56.241 | 53.133  |
| 7)                          | B delta-BHC     | 4.676 | 5.088 | 71303501 | 500.4E6 | 53.933 | 51.524  |
| 8)                          | B Heptachlo...  | 5.212 | 5.894 | 60294477 | 385.3E6 | 53.058 | 51.646  |
| 9)                          | A Endosulfan I  | 5.551 | 6.252 | 57035893 | 357.9E6 | 53.470 | 50.815  |
| 10)                         | B gamma-Chl...  | 5.438 | 6.128 | 60565095 | 385.6E6 | 53.565 | 50.427  |
| 11)                         | B alpha-Chl...  | 5.496 | 6.200 | 59880545 | 377.7E6 | 53.481 | 50.733  |
| 12)                         | B 4,4'-DDE      | 5.659 | 6.358 | 57820667 | 367.3E6 | 54.862 | 51.150  |
| 13)                         | MA Dieldrin     | 5.794 | 6.510 | 60769589 | 374.5E6 | 54.149 | 51.607  |
| 14)                         | MA Endrin       | 6.052 | 6.729 | 55631340 | 296.7E6 | 53.013 | 48.209  |
| 15)                         | B Endosulfa...  | 6.324 | 6.943 | 54377560 | 303.4E6 | 54.385 | 51.734  |
| 16)                         | A 4,4'-DDD      | 6.174 | 6.851 | 52360056 | 311.8E6 | 55.361 | 53.031m |
| 17)                         | MA 4,4'-DDT     | 6.415 | 7.150 | 52688001 | 304.0E6 | 52.980 | 50.691  |
| 18)                         | B Endrin al...  | 6.493 | 7.068 | 43707805 | 242.1E6 | 52.819 | 51.912  |
| 19)                         | B Endosulfa...  | 6.705 | 7.290 | 57580861 | 299.3E6 | 54.224 | 52.200  |
| 20)                         | A Methoxychlor  | 6.961 | 7.610 | 31681668 | 152.8E6 | 53.750 | 50.498  |
| 21)                         | B Endrin ke...  | 7.199 | 7.764 | 71419275 | 344.3E6 | 56.020 | 52.981  |
| 22)                         | Mirex           | 7.384 | 8.213 | 55407070 | 236.7E6 | 54.336 | 53.157  |
| -----                       |                 |       |       |          |         |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082321\  
Data File : PD065247.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Aug 2021 17:34  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

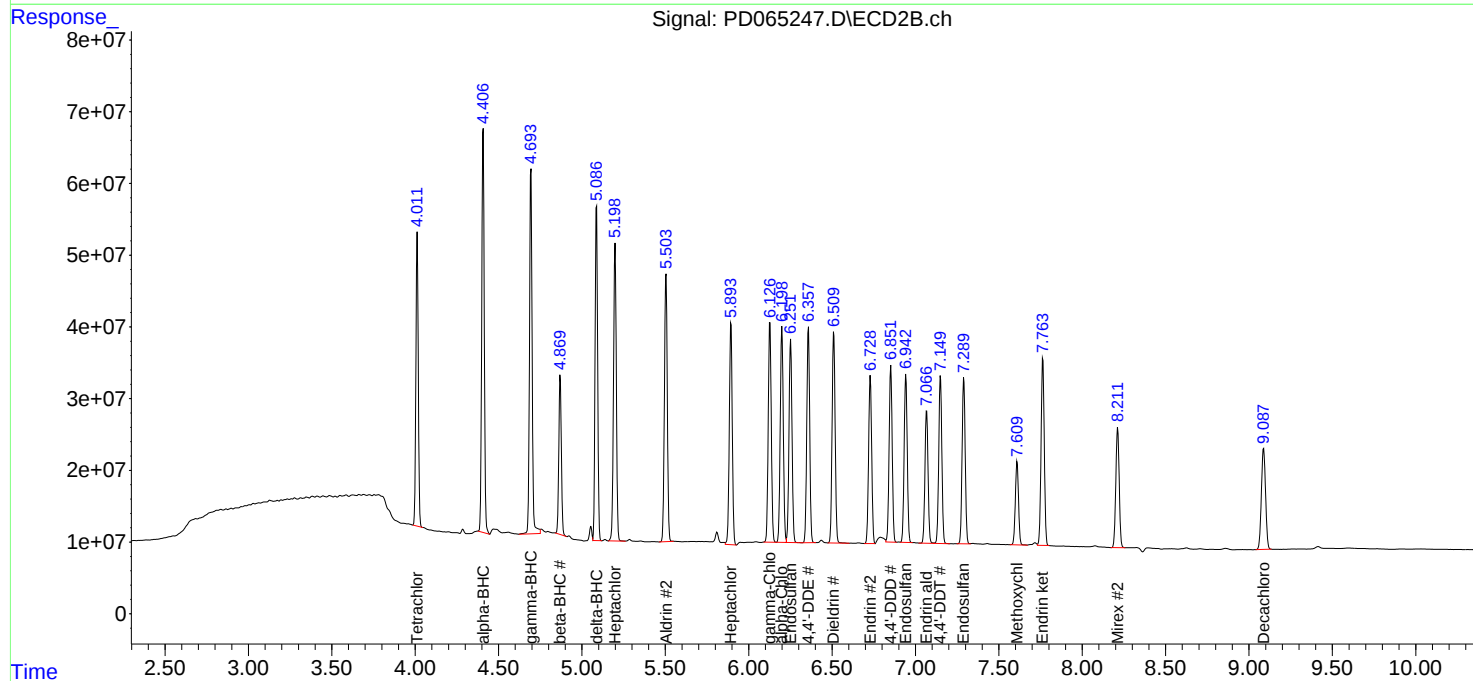
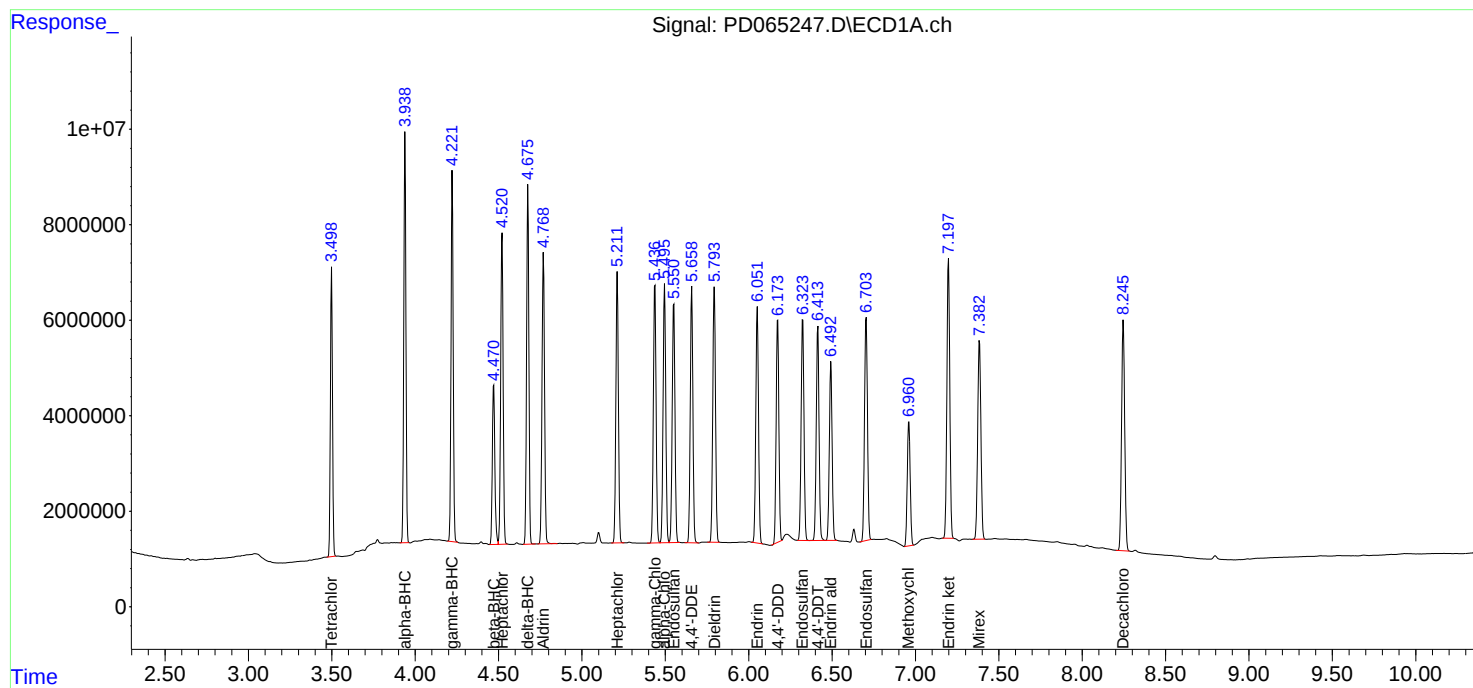
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

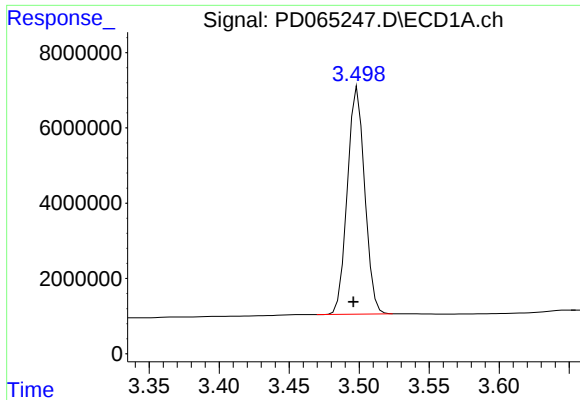
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 24 04:19:31 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 20 02:25:41 2021  
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





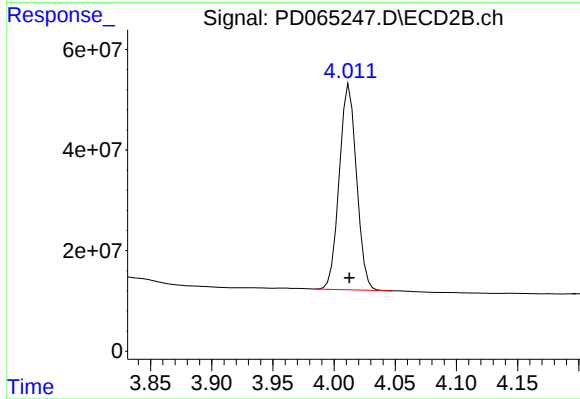
#1 Tetrachloro-m-xylene

R.T.: 3.499 min  
Delta R.T.: 0.003 min  
Response: 52182156  
Conc: 50.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

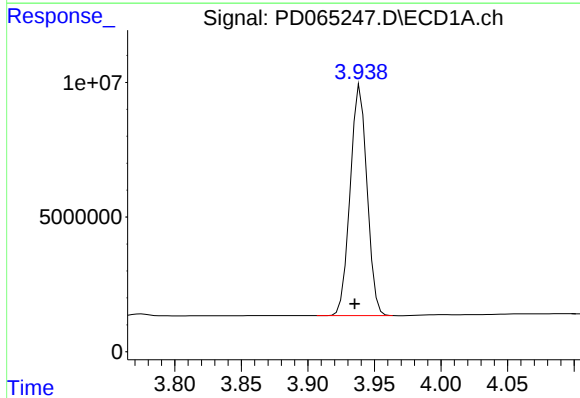
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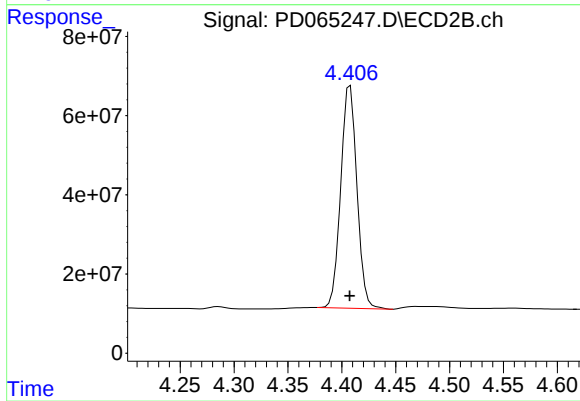
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 400667791  
Conc: 50.58 ng/ml



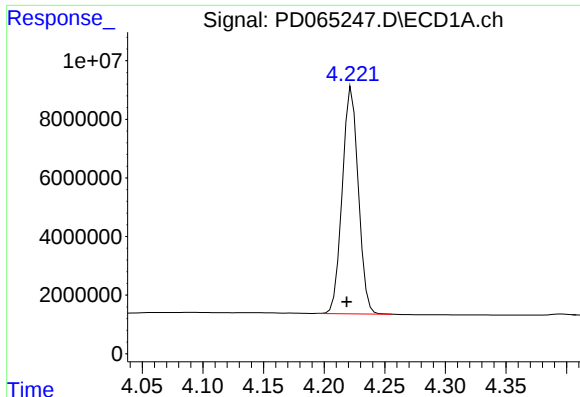
#2 alpha-BHC

R.T.: 3.940 min  
Delta R.T.: 0.004 min  
Response: 75477424  
Conc: 52.74 ng/ml



#2 alpha-BHC

R.T.: 4.408 min  
Delta R.T.: 0.000 min  
Response: 589500648  
Conc: 50.74 ng/ml



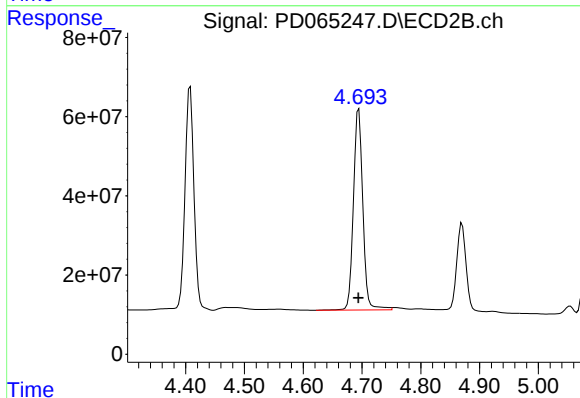
#3 gamma-BHC (Lindane)

R.T.: 4.223 min  
Delta R.T.: 0.004 min  
Response: 71063907  
Conc: 51.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

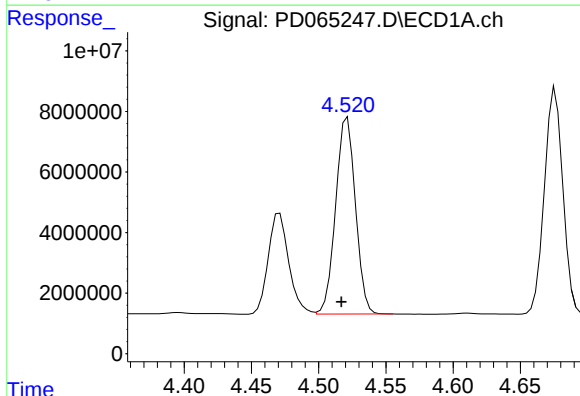
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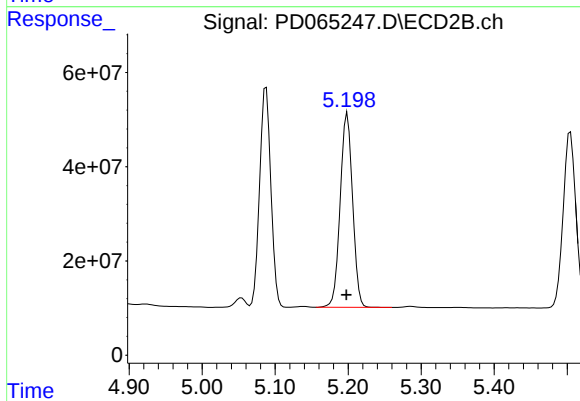
#3 gamma-BHC (Lindane)

R.T.: 4.695 min  
Delta R.T.: 0.000 min  
Response: 567011461  
Conc: 53.53 ng/ml



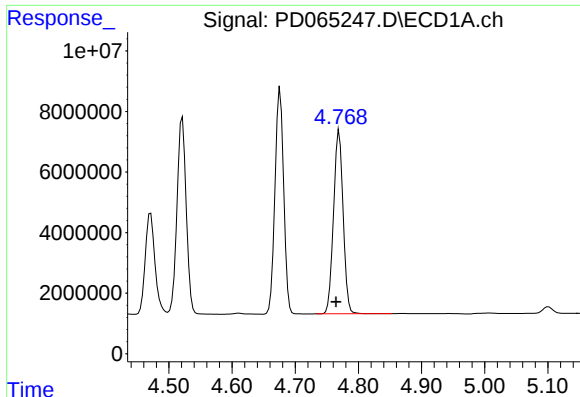
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: 0.004 min  
Response: 66119426  
Conc: 50.76 ng/ml



#4 Heptachlor

R.T.: 5.199 min  
Delta R.T.: 0.001 min  
Response: 485730628  
Conc: 48.45 ng/ml



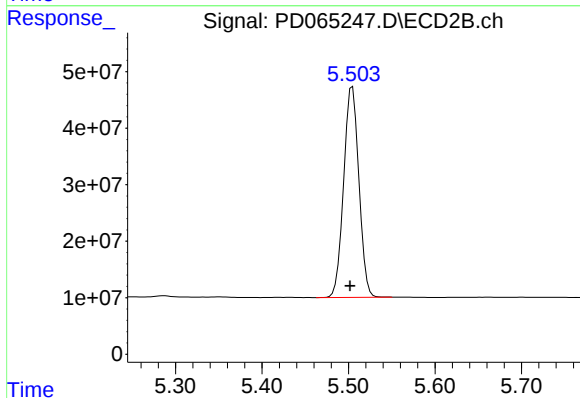
#5 Aldrin

R.T.: 4.770 min  
Delta R.T.: 0.005 min  
Response: 64185305  
Conc: 53.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

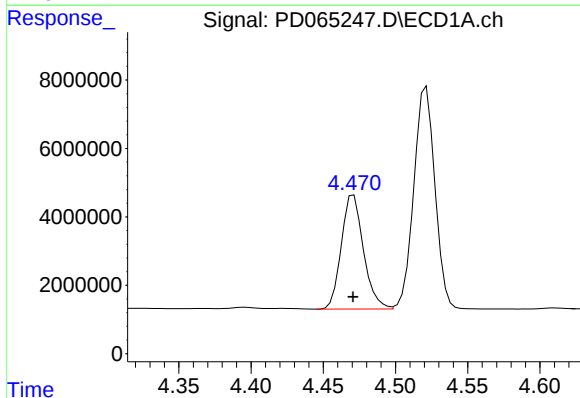
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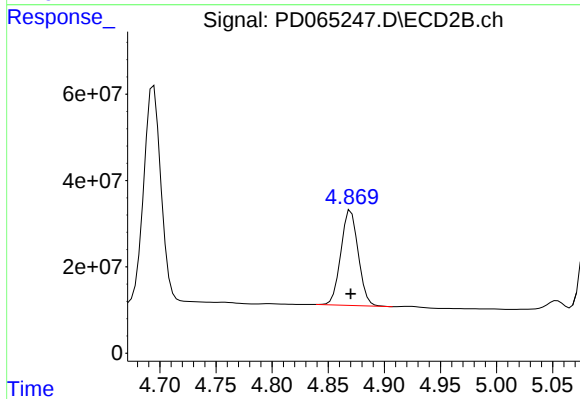
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.003 min  
Response: 452627678  
Conc: 50.11 ng/ml



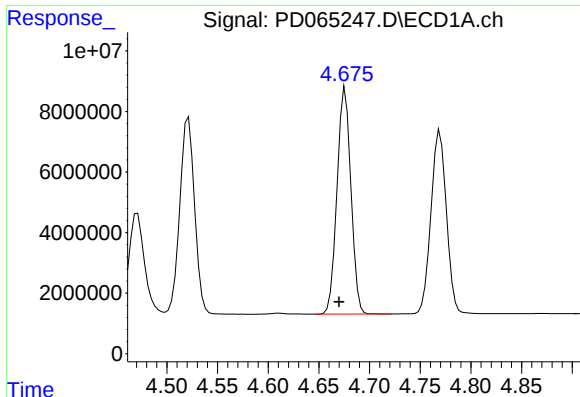
#6 beta-BHC

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 35493681  
Conc: 56.24 ng/ml



#6 beta-BHC

R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 238037280  
Conc: 53.13 ng/ml



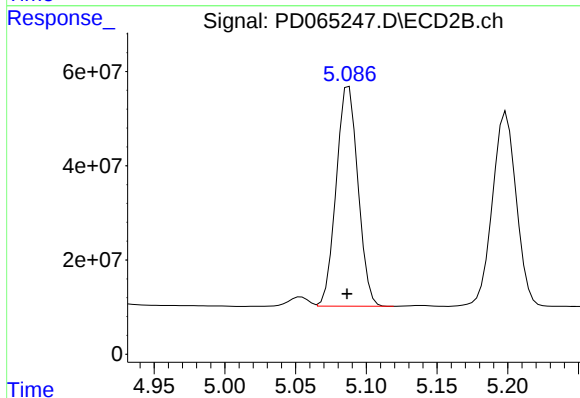
#7 delta-BHC

R.T.: 4.676 min  
Delta R.T.: 0.006 min  
Response: 71303501  
Conc: 53.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

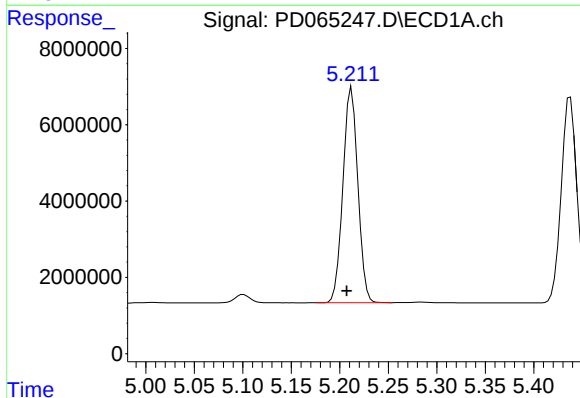
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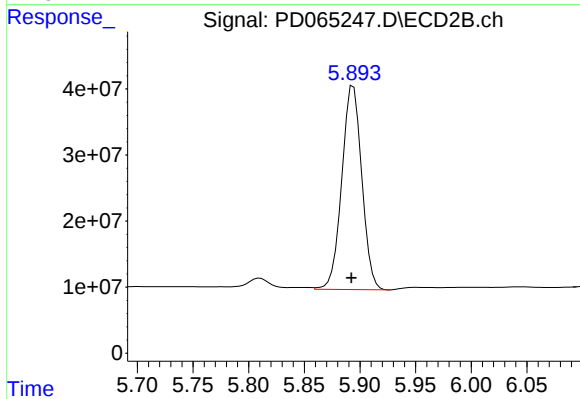
#7 delta-BHC

R.T.: 5.088 min  
Delta R.T.: 0.001 min  
Response: 500374767  
Conc: 51.52 ng/ml



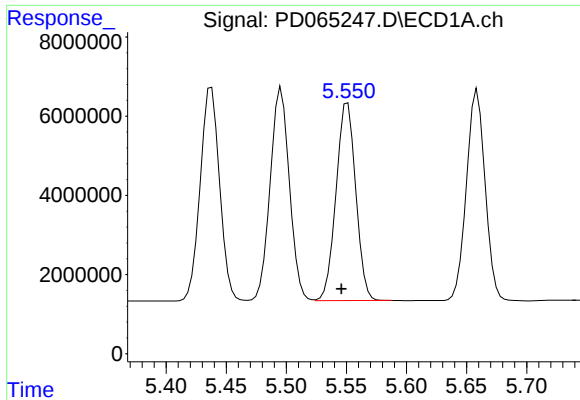
#8 Heptachlor epoxide

R.T.: 5.212 min  
Delta R.T.: 0.005 min  
Response: 60294477  
Conc: 53.06 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min  
Delta R.T.: 0.002 min  
Response: 385304928  
Conc: 51.65 ng/ml



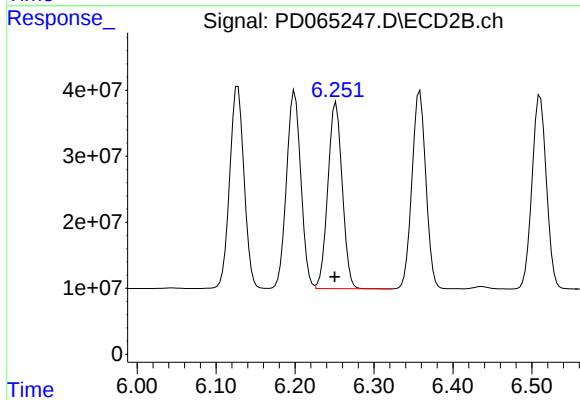
#9 Endosulfan I

R.T.: 5.551 min  
Delta R.T.: 0.005 min  
Response: 57035893  
Conc: 53.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

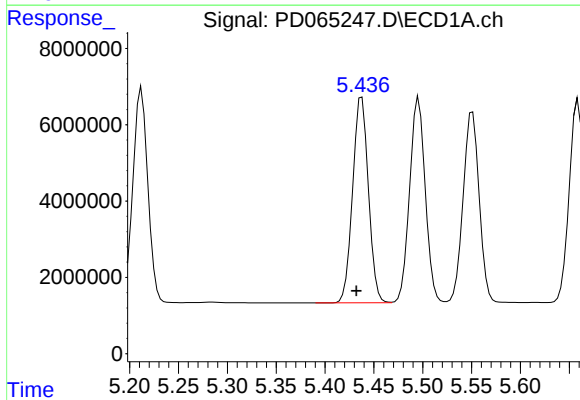
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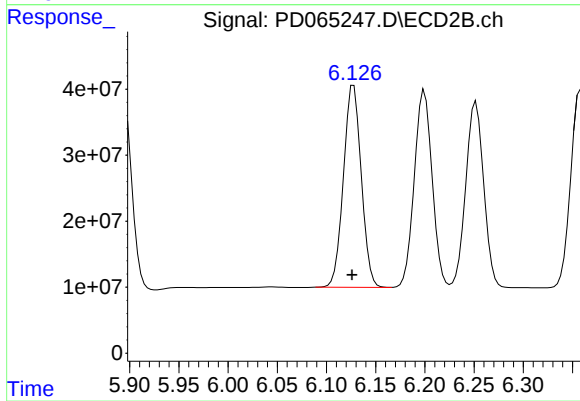
#9 Endosulfan I

R.T.: 6.252 min  
Delta R.T.: 0.002 min  
Response: 357872742  
Conc: 50.82 ng/ml



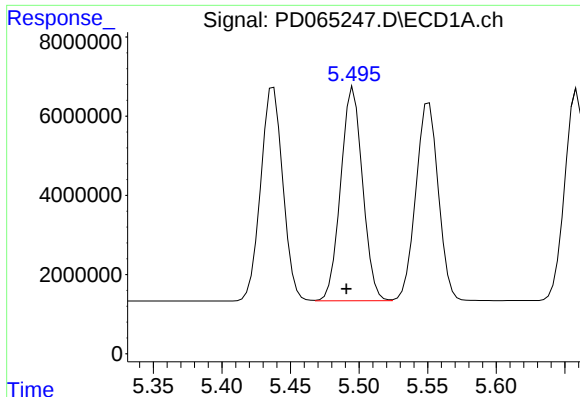
#10 gamma-Chlordane

R.T.: 5.438 min  
Delta R.T.: 0.005 min  
Response: 60565095  
Conc: 53.57 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min  
Delta R.T.: 0.002 min  
Response: 385571564  
Conc: 50.43 ng/ml



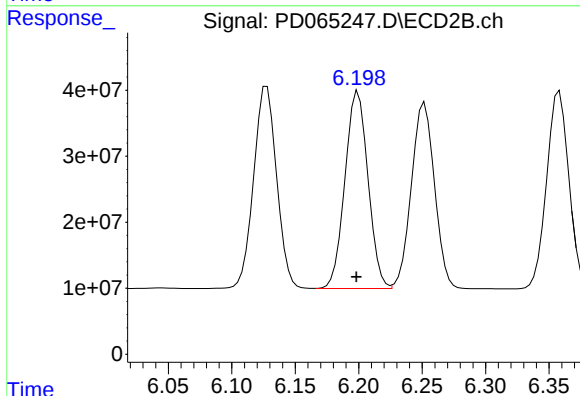
#11 alpha-Chlordane

R.T.: 5.496 min  
Delta R.T.: 0.005 min  
Response: 59880545  
Conc: 53.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

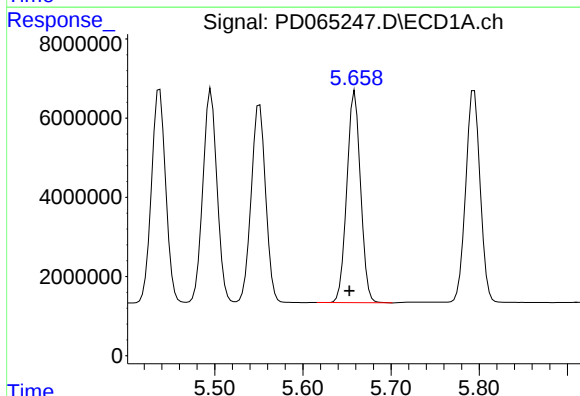
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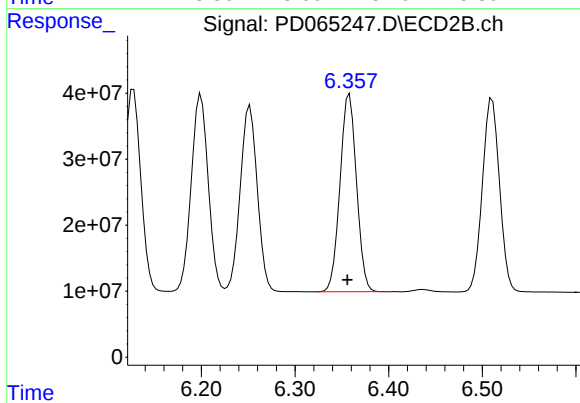
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.002 min  
Response: 377687721  
Conc: 50.73 ng/ml



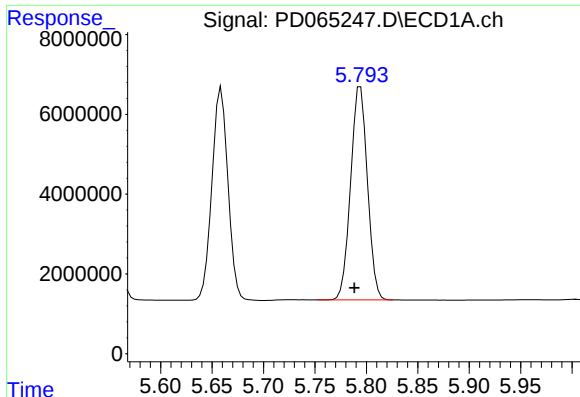
#12 4,4'-DDE

R.T.: 5.659 min  
Delta R.T.: 0.006 min  
Response: 57820667  
Conc: 54.86 ng/ml



#12 4,4'-DDE

R.T.: 6.358 min  
Delta R.T.: 0.002 min  
Response: 367292026  
Conc: 51.15 ng/ml



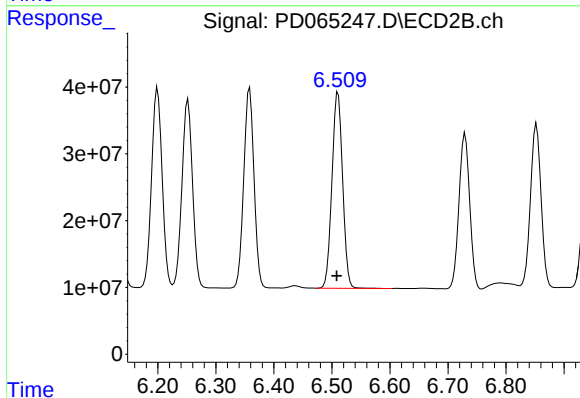
#13 Dieldrin

R.T.: 5.794 min  
Delta R.T.: 0.006 min  
Response: 60769589  
Conc: 54.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

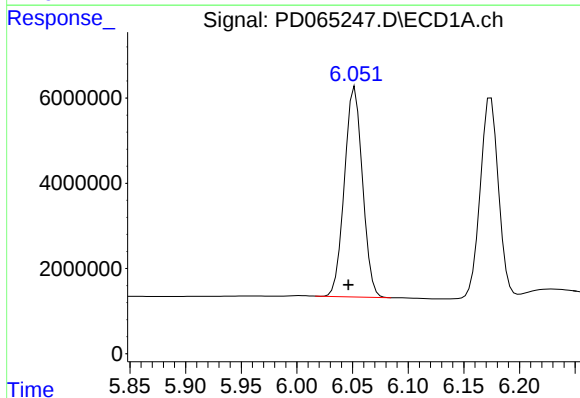
Manual Integrations  
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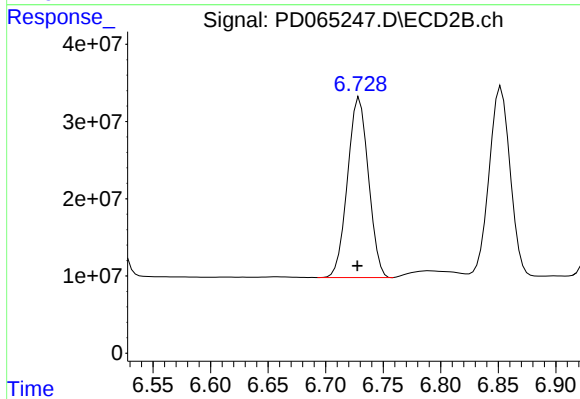
#13 Dieldrin

R.T.: 6.510 min  
Delta R.T.: 0.002 min  
Response: 374464903  
Conc: 51.61 ng/ml



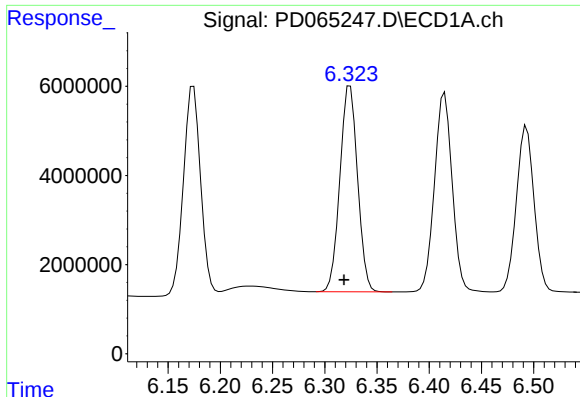
#14 Endrin

R.T.: 6.052 min  
Delta R.T.: 0.006 min  
Response: 55631340  
Conc: 53.01 ng/ml



#14 Endrin

R.T.: 6.729 min  
Delta R.T.: 0.002 min  
Response: 296720381  
Conc: 48.21 ng/ml



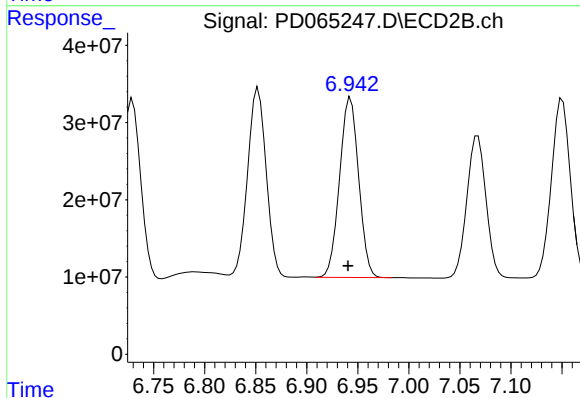
#15 Endosulfan II

R.T.: 6.324 min  
Delta R.T.: 0.006 min  
Response: 54377560  
Conc: 54.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

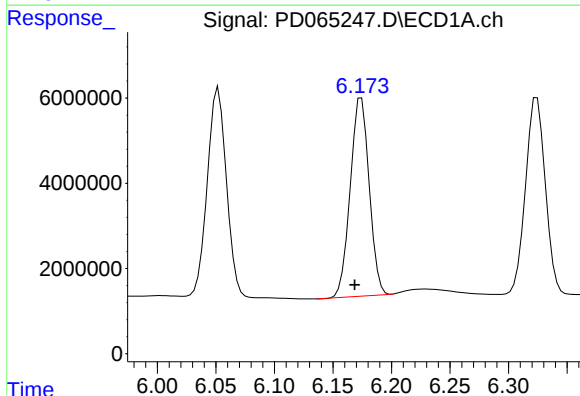
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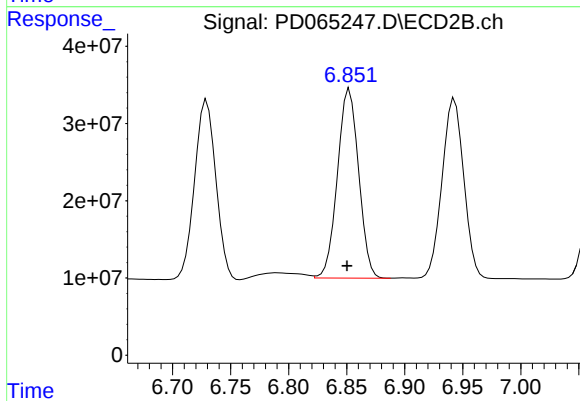
#15 Endosulfan II

R.T.: 6.943 min  
Delta R.T.: 0.003 min  
Response: 303360215  
Conc: 51.73 ng/ml



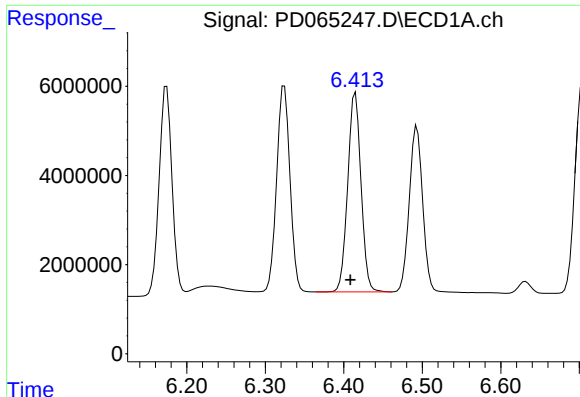
#16 4,4'-DDD

R.T.: 6.174 min  
Delta R.T.: 0.006 min  
Response: 52360056  
Conc: 55.36 ng/ml



#16 4,4'-DDD

R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 311845583  
Conc: 53.03 ng/ml m



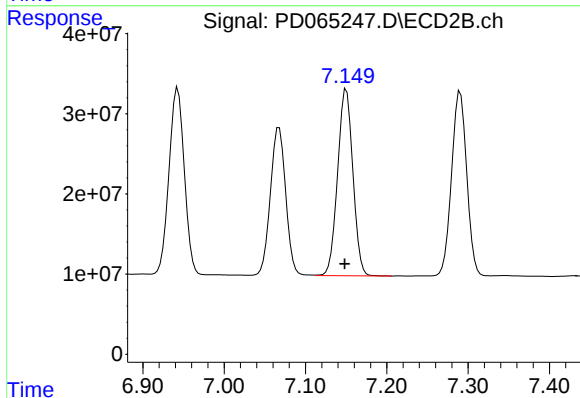
#17 4,4'-DDT

R.T.: 6.415 min  
Delta R.T.: 0.006 min  
Response: 52688001  
Conc: 52.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

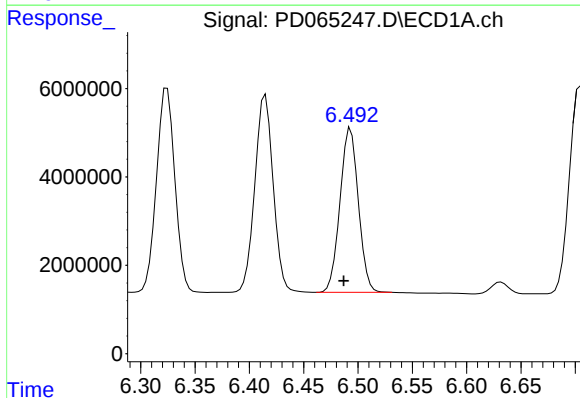
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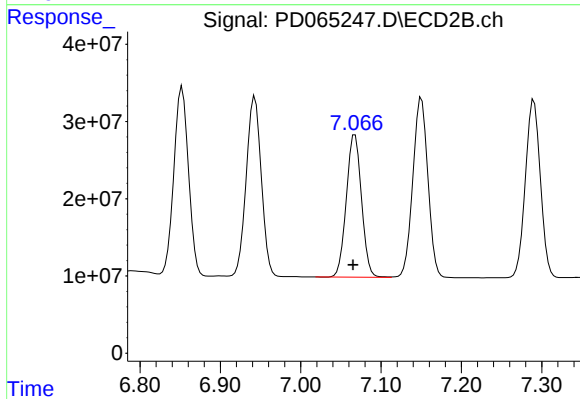
#17 4,4'-DDT

R.T.: 7.150 min  
Delta R.T.: 0.002 min  
Response: 303989841  
Conc: 50.69 ng/ml



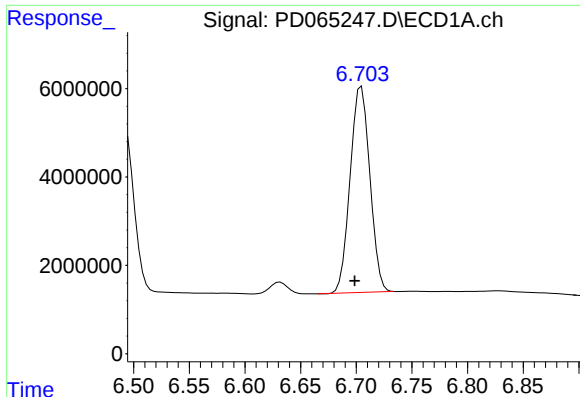
#18 Endrin aldehyde

R.T.: 6.493 min  
Delta R.T.: 0.006 min  
Response: 43707805  
Conc: 52.82 ng/ml



#18 Endrin aldehyde

R.T.: 7.068 min  
Delta R.T.: 0.002 min  
Response: 242136417  
Conc: 51.91 ng/ml



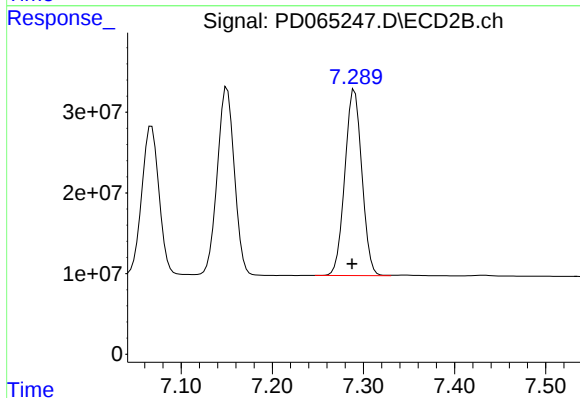
#19 Endosulfan Sulfate

R.T.: 6.705 min  
Delta R.T.: 0.006 min  
Response: 57580861  
Conc: 54.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

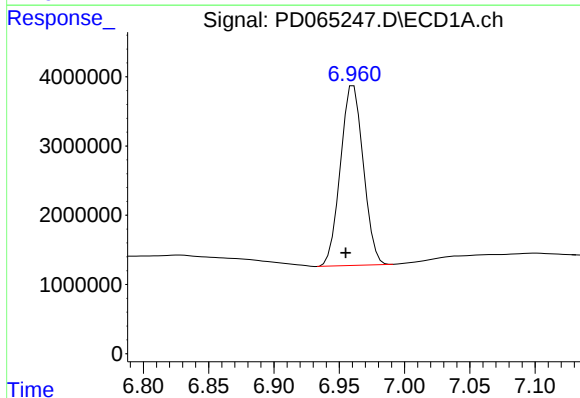
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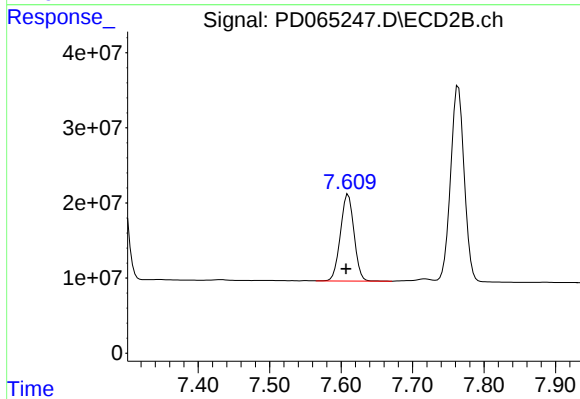
#19 Endosulfan Sulfate

R.T.: 7.290 min  
Delta R.T.: 0.003 min  
Response: 299348467  
Conc: 52.20 ng/ml



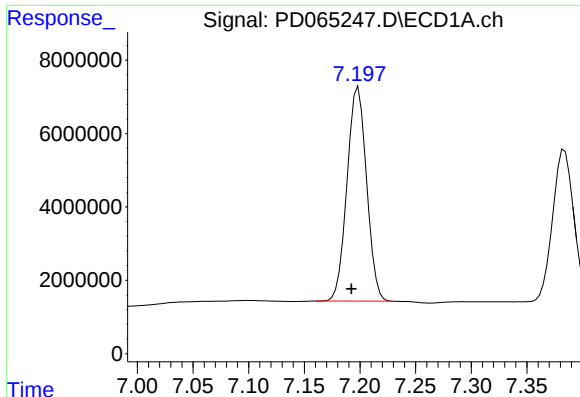
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: 0.006 min  
Response: 31681668  
Conc: 53.75 ng/ml



#20 Methoxychlor

R.T.: 7.610 min  
Delta R.T.: 0.003 min  
Response: 152813726  
Conc: 50.50 ng/ml



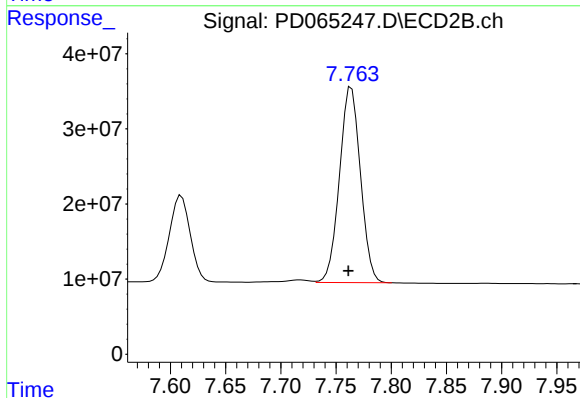
#21 Endrin ketone

R.T.: 7.199 min  
Delta R.T.: 0.006 min  
Response: 71419275  
Conc: 56.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

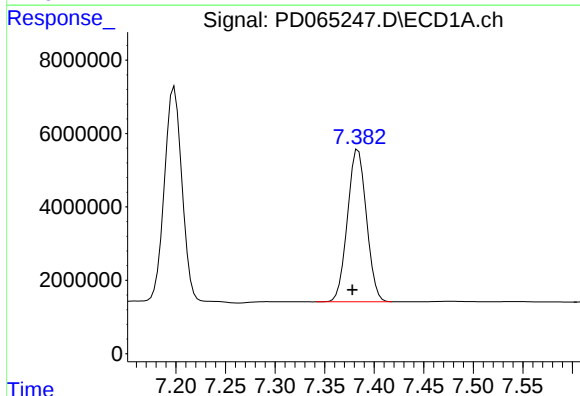
Manual Integrations  
APPROVED

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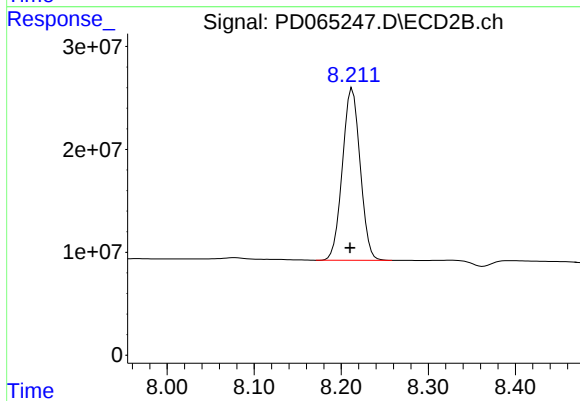
#21 Endrin ketone

R.T.: 7.764 min  
Delta R.T.: 0.003 min  
Response: 344312060  
Conc: 52.98 ng/ml



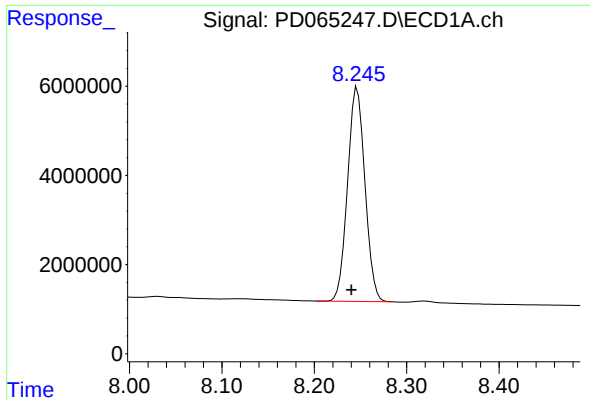
#22 Mirex

R.T.: 7.384 min  
Delta R.T.: 0.006 min  
Response: 55407070  
Conc: 54.34 ng/ml



#22 Mirex

R.T.: 8.213 min  
Delta R.T.: 0.003 min  
Response: 236673762  
Conc: 53.16 ng/ml



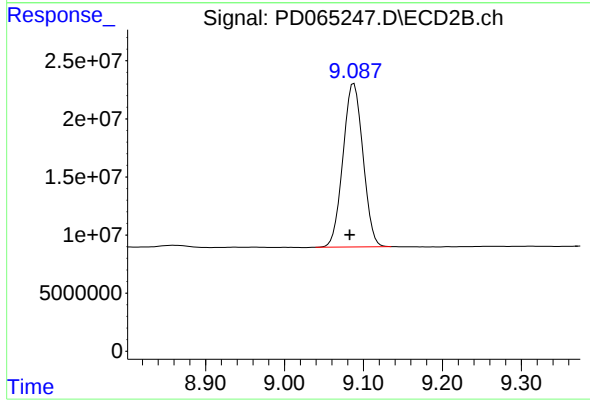
#28 Decachlorobiphenyl

R.T.: 8.247 min  
Delta R.T.: 0.006 min  
Response: 62823578  
Conc: 55.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: 0.005 min  
Response: 247641550  
Conc: 52.33 ng/ml