

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060521\  
 Data File : PD063466.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Jun 2021 11:26  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 05 02:41:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 03 01:33:41 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... | 3.440 | 3.971 | 76356598 | 702.7E6  | 55.181 | 52.445  |
| 28)                         | SA Decachlor... | 8.195 | 9.025 | 82358280 | 767.1E6  | 52.367 | 55.513  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.876 | 4.359 | 118.7E6  | 1146.8E6 | 56.775 | 55.478  |
| 3)                          | MA gamma-BHC... | 4.159 | 4.643 | 109.9E6  | 1051.5E6 | 55.964 | 55.441  |
| 4)                          | MA Heptachlor   | 4.460 | 5.150 | 109.9E6  | 1054.3E6 | 56.584 | 55.167  |
| 5)                          | MB Aldrin       | 4.708 | 5.455 | 108.4E6  | 1052.9E6 | 57.338 | 54.152  |
| 6)                          | B beta-BHC      | 4.410 | 4.813 | 46298293 | 436.3E6  | 53.219 | 55.409  |
| 7)                          | B delta-BHC     | 4.614 | 5.030 | 111.4E6  | 993.0E6  | 56.791 | 53.065  |
| 8)                          | B Heptachlo...  | 5.151 | 5.839 | 97256673 | 954.3E6  | 55.501 | 52.205m |
| 9)                          | A Endosulfan I  | 5.490 | 6.197 | 90276796 | 902.2E6  | 54.771 | 52.953  |
| 10)                         | B gamma-Chl...  | 5.377 | 6.075 | 98624362 | 996.7E6  | 55.225 | 53.653  |
| 11)                         | B alpha-Chl...  | 5.436 | 6.147 | 95986411 | 936.9E6  | 54.282 | 52.696  |
| 12)                         | B 4,4'-DDE      | 5.600 | 6.304 | 98668449 | 935.7E6  | 56.747 | 51.491  |
| 13)                         | MA Dieldrin     | 5.733 | 6.454 | 97173110 | 964.4E6  | 55.325 | 53.274  |
| 14)                         | MA Endrin       | 5.991 | 6.671 | 89667458 | 839.4E6  | 56.379 | 54.613  |
| 15)                         | B Endosulfa...  | 6.264 | 6.881 | 79942728 | 773.9E6  | 57.018 | 52.482  |
| 16)                         | A 4,4'-DDD      | 6.116 | 6.794 | 81233511 | 793.6E6  | 56.014 | 53.335  |
| 17)                         | MA 4,4'-DDT     | 6.358 | 7.093 | 81510436 | 827.3E6  | 56.420 | 54.963  |
| 18)                         | B Endrin al...  | 6.433 | 7.005 | 62975475 | 631.3E6  | 52.928 | 52.108  |
| 19)                         | B Endosulfa...  | 6.646 | 7.227 | 76754039 | 786.8E6  | 60.057 | 51.886  |
| 20)                         | A Methoxychlor  | 6.905 | 7.551 | 43542099 | 390.7E6  | 54.594 | 52.750  |
| 21)                         | B Endrin ke...  | 7.138 | 7.698 | 96951058 | 781.5E6  | 54.649 | 53.447  |
| 22)                         | Mirex           | 7.326 | 8.152 | 68941915 | 514.8E6  | 60.057 | 51.481  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060521\  
Data File : PD063466.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Jun 2021 11:26  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

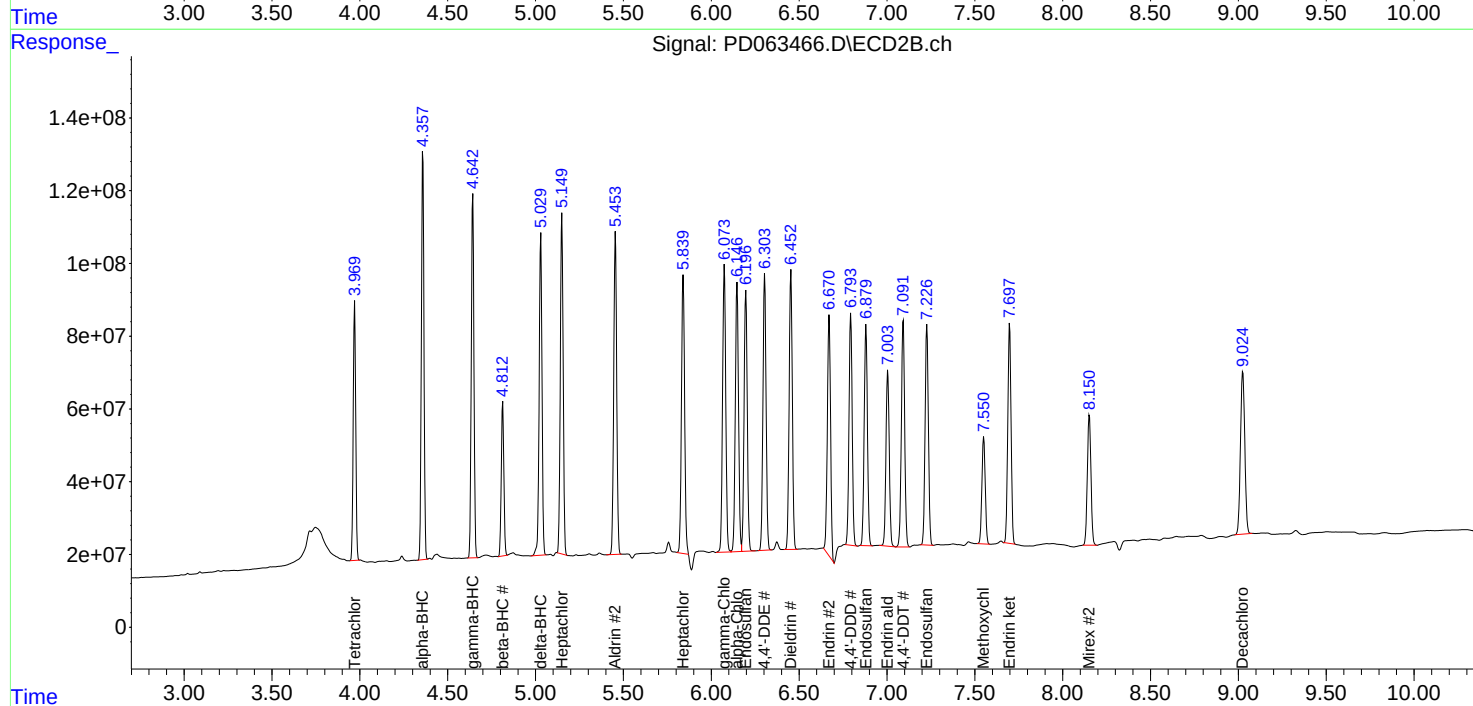
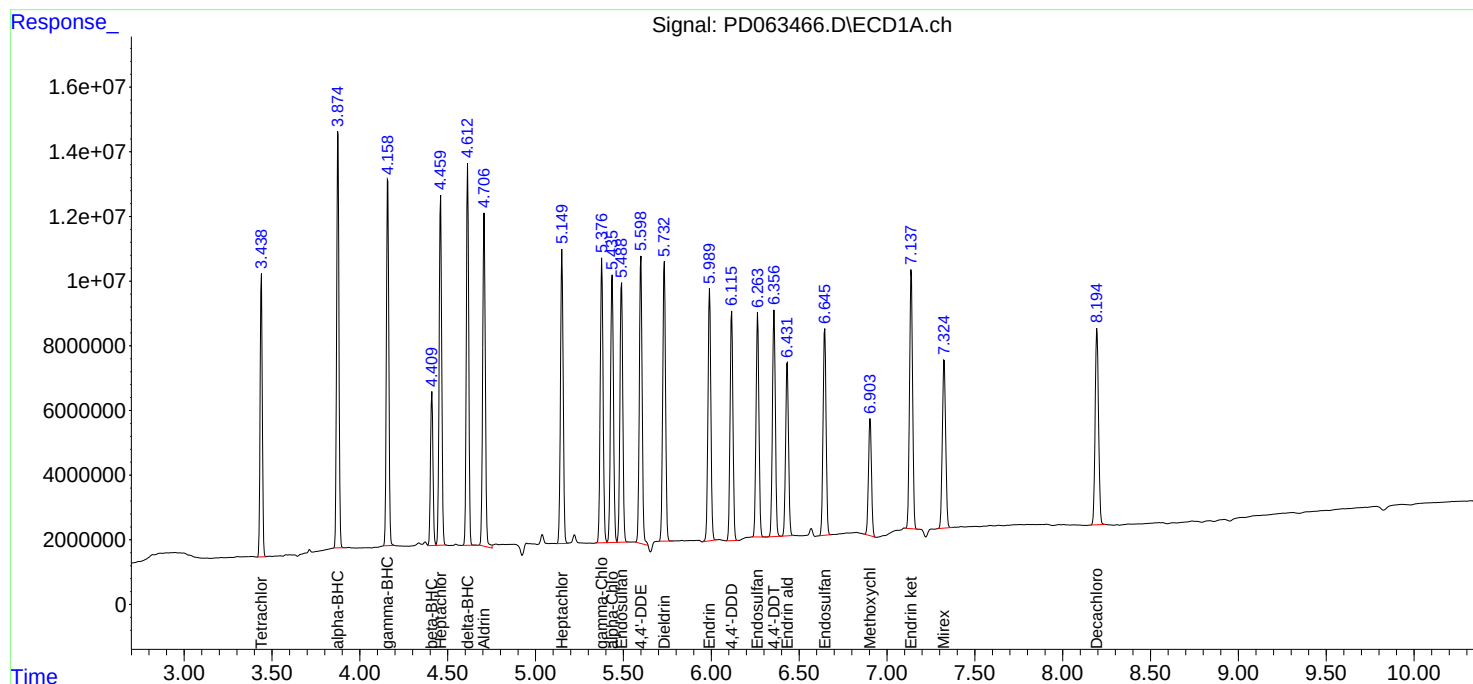
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

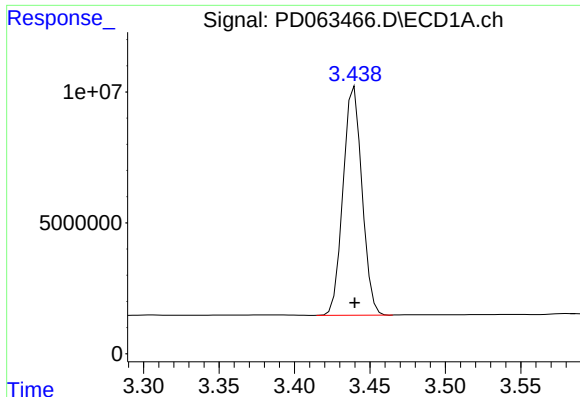
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 05 02:41:46 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD060221.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 03 01:33:41 2021  
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





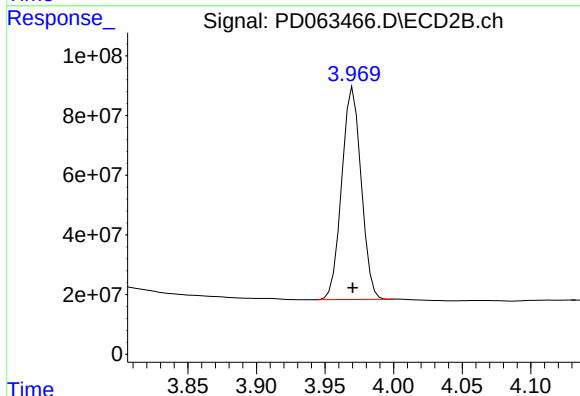
#1 Tetrachloro-m-xylene

R.T.: 3.440 min  
Delta R.T.: 0.000 min  
Response: 76356598  
Conc: 55.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

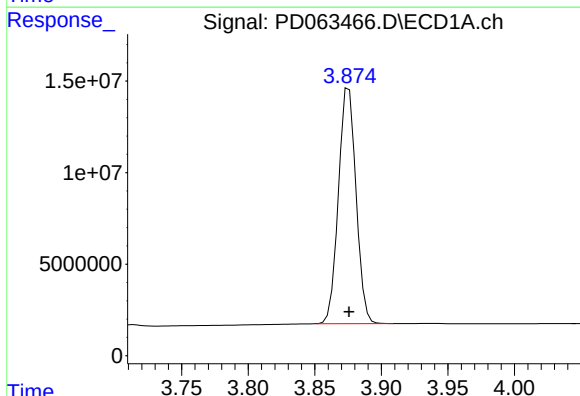
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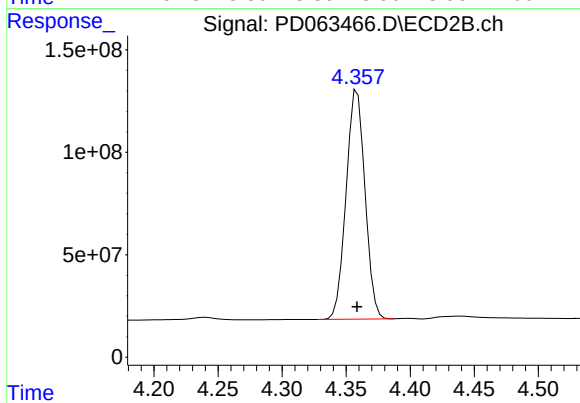
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 702693485  
Conc: 52.45 ng/ml



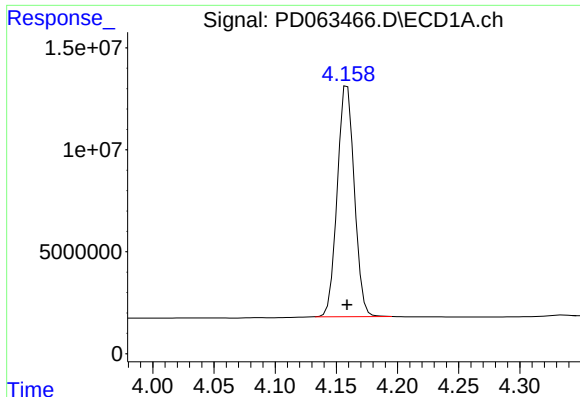
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: 0.000 min  
Response: 118709674  
Conc: 56.78 ng/ml



#2 alpha-BHC

R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 1146764802  
Conc: 55.48 ng/ml



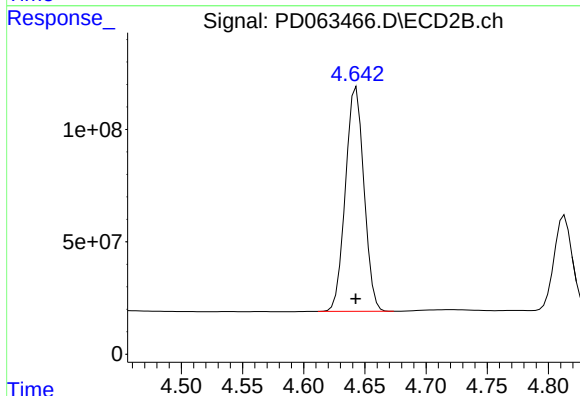
#3 gamma-BHC (Lindane)

R.T.: 4.159 min  
Delta R.T.: 0.000 min  
Response: 109911127  
Conc: 55.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

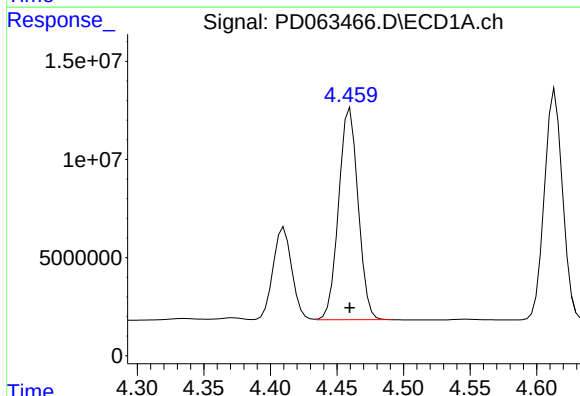
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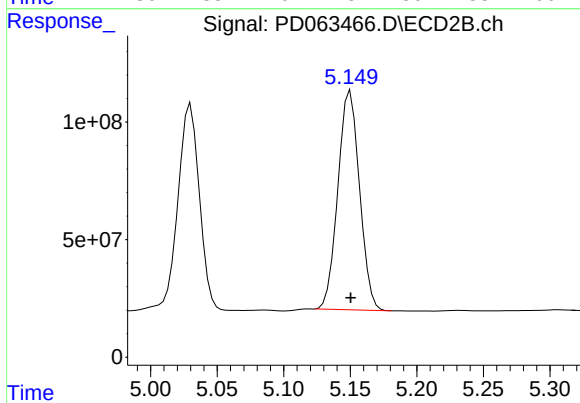
#3 gamma-BHC (Lindane)

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 1051526758  
Conc: 55.44 ng/ml



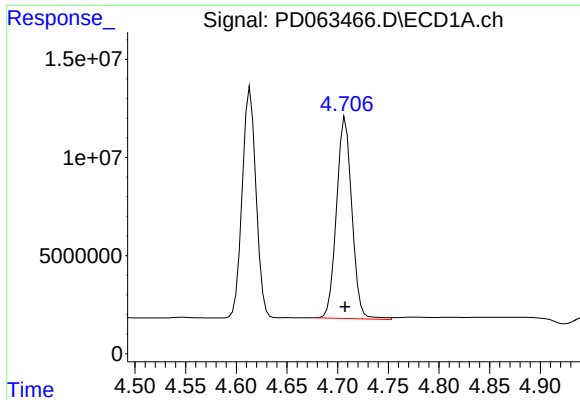
#4 Heptachlor

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 109862725  
Conc: 56.58 ng/ml



#4 Heptachlor

R.T.: 5.150 min  
Delta R.T.: 0.000 min  
Response: 1054284760  
Conc: 55.17 ng/ml



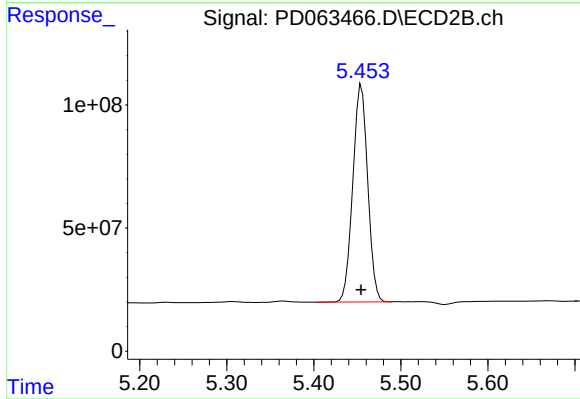
#5 Aldrin

R.T.: 4.708 min  
Delta R.T.: 0.000 min  
Response: 108362678  
Conc: 57.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

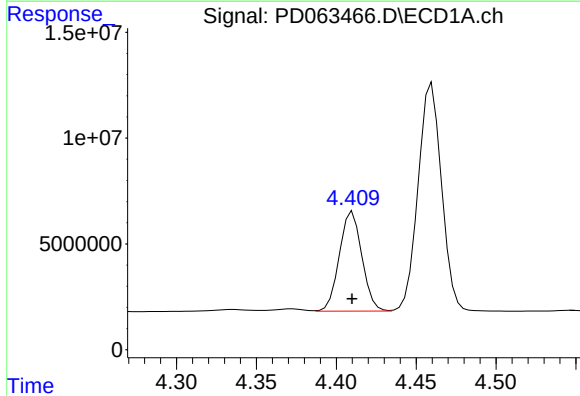
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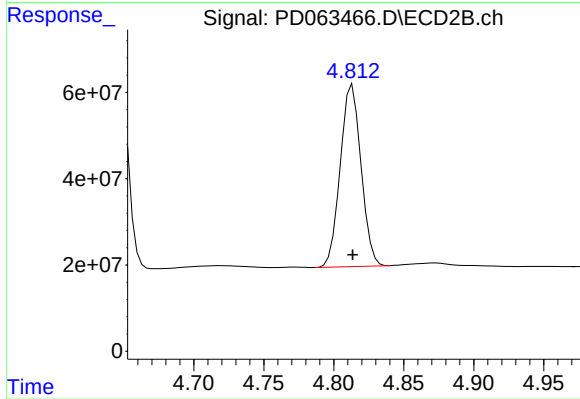
#5 Aldrin

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 1052911439  
Conc: 54.15 ng/ml



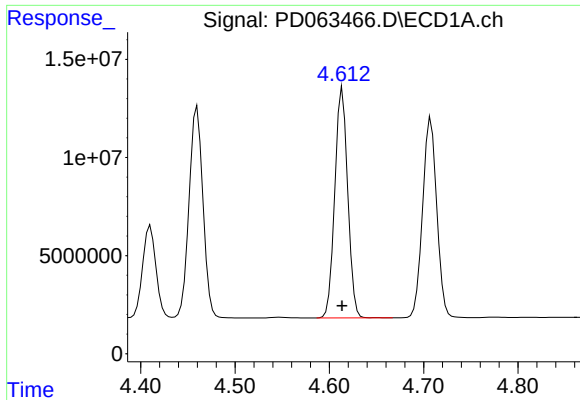
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 46298293  
Conc: 53.22 ng/ml



#6 beta-BHC

R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 436250328  
Conc: 55.41 ng/ml



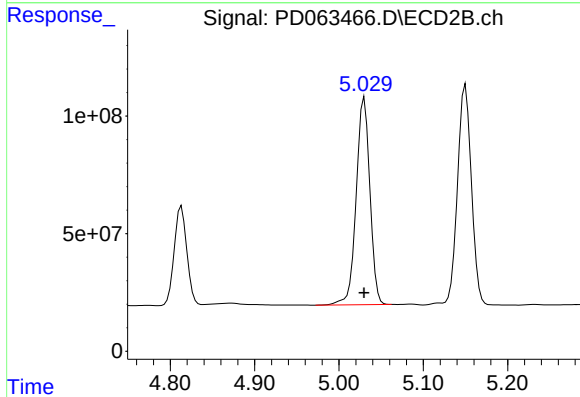
#7 delta-BHC

R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 111379810  
Conc: 56.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

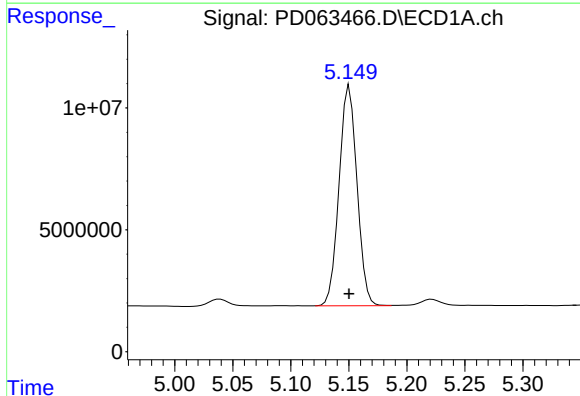
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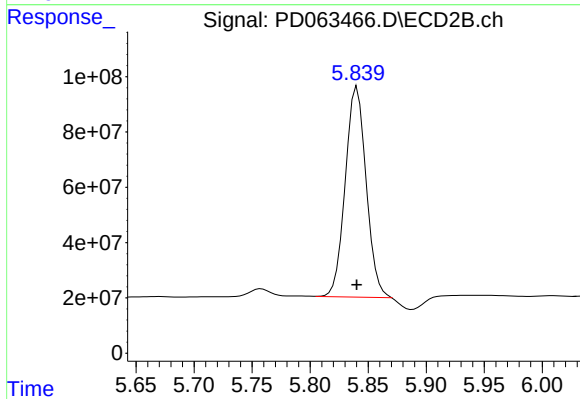
#7 delta-BHC

R.T.: 5.030 min  
Delta R.T.: 0.000 min  
Response: 993031731  
Conc: 53.06 ng/ml



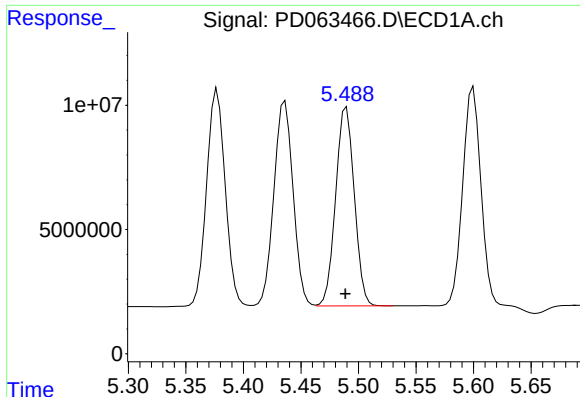
#8 Heptachlor epoxide

R.T.: 5.151 min  
Delta R.T.: 0.000 min  
Response: 97256673  
Conc: 55.50 ng/ml



#8 Heptachlor epoxide

R.T.: 5.839 min  
Delta R.T.: -0.001 min  
Response: 954331212  
Conc: 52.20 ng/ml m



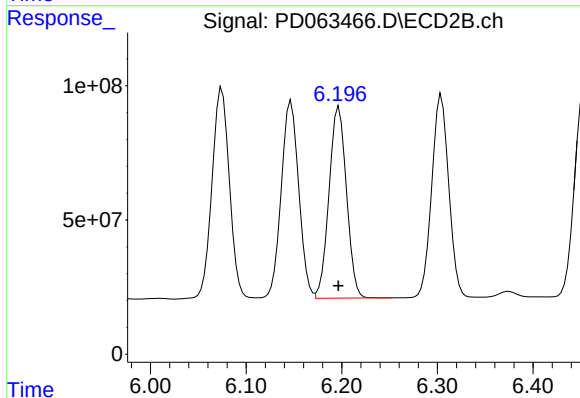
#9 Endosulfan I

R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 90276796  
Conc: 54.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

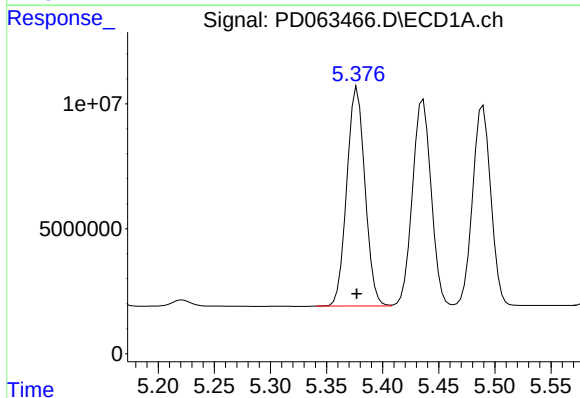
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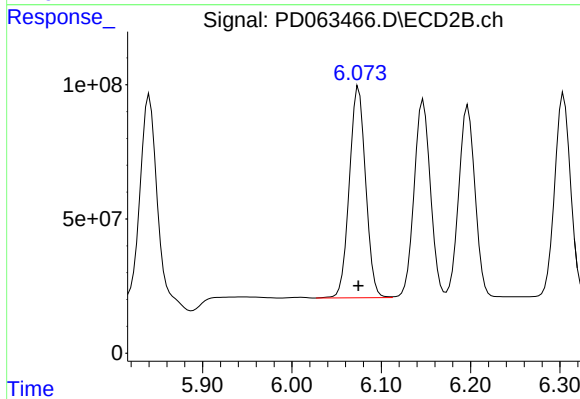
#9 Endosulfan I

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 902230905  
Conc: 52.95 ng/ml



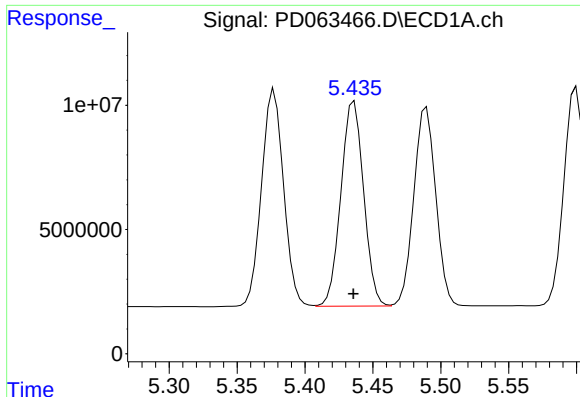
#10 gamma-Chlordane

R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 98624362  
Conc: 55.23 ng/ml



#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 996690903  
Conc: 53.65 ng/ml



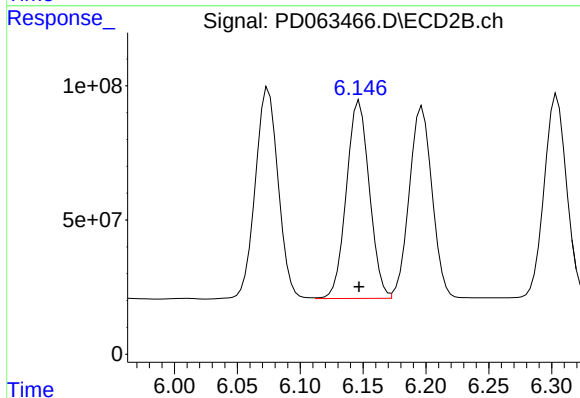
#11 alpha-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 95986411  
Conc: 54.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

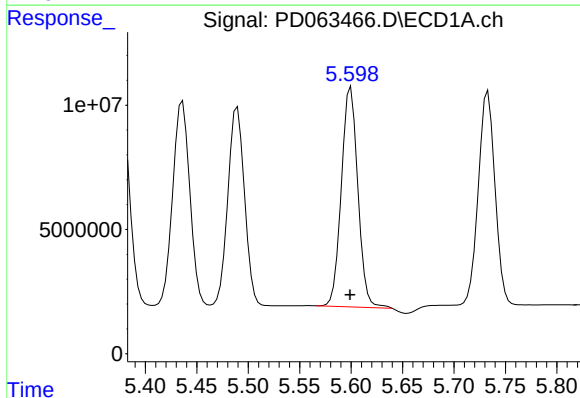
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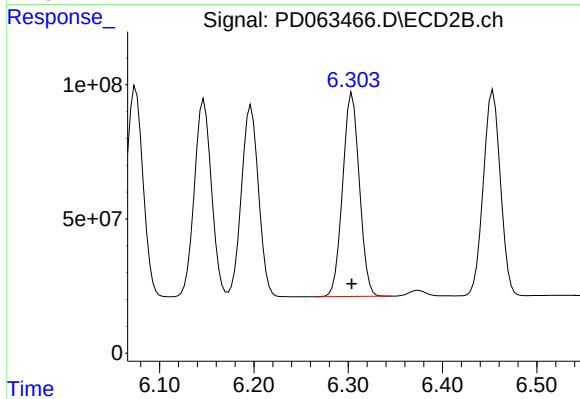
#11 alpha-Chlordane

R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 936852932  
Conc: 52.70 ng/ml



#12 4,4'-DDE

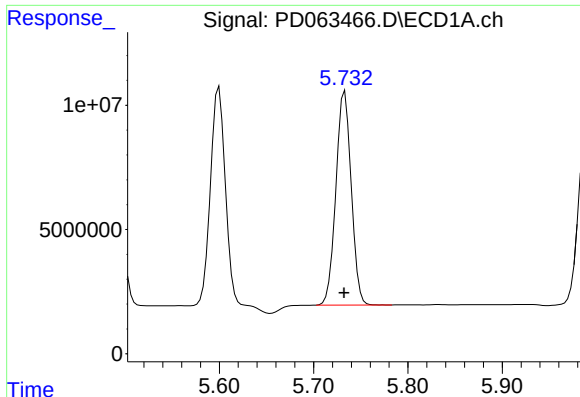
R.T.: 5.600 min  
Delta R.T.: 0.000 min  
Response: 98668449  
Conc: 56.75 ng/ml



#12 4,4'-DDE

R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 935733787  
Conc: 51.49 ng/ml





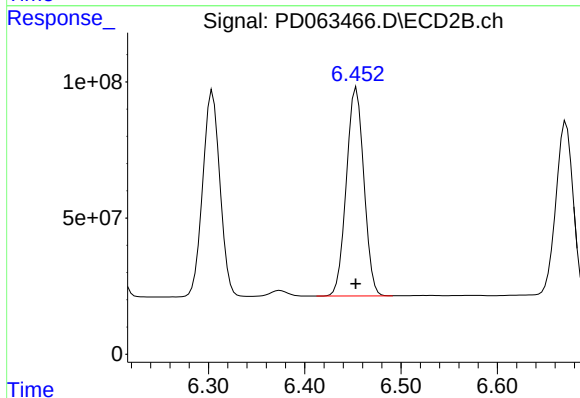
#13 Dieldrin

R.T.: 5.733 min  
Delta R.T.: 0.000 min  
Response: 97173110  
Conc: 55.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

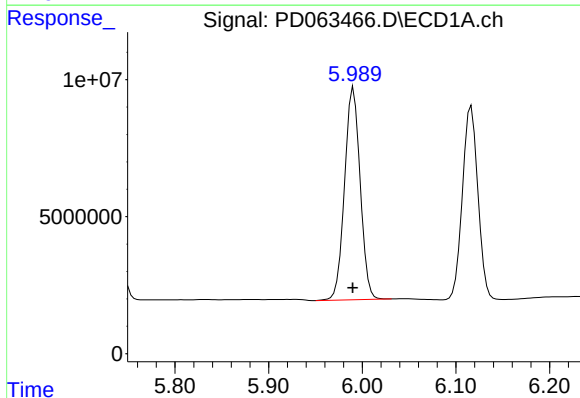
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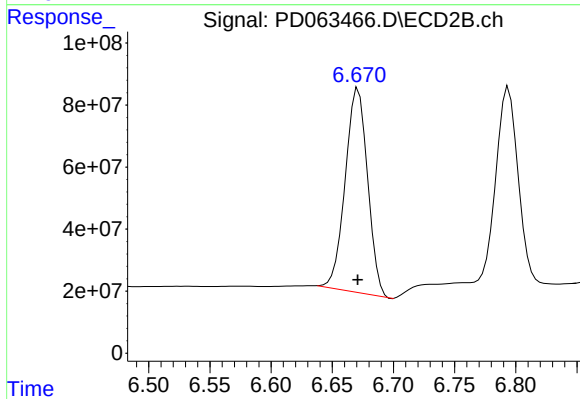
#13 Dieldrin

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 964369543  
Conc: 53.27 ng/ml



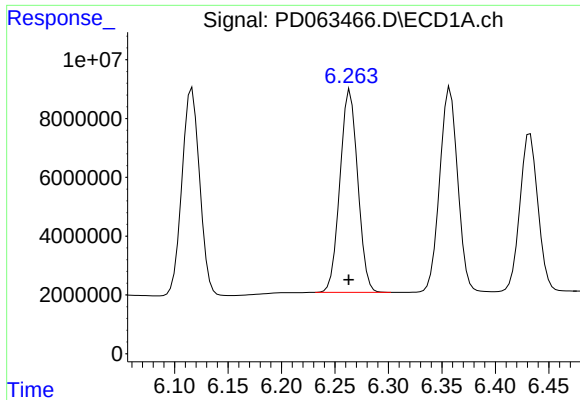
#14 Endrin

R.T.: 5.991 min  
Delta R.T.: 0.001 min  
Response: 89667458  
Conc: 56.38 ng/ml



#14 Endrin

R.T.: 6.671 min  
Delta R.T.: 0.000 min  
Response: 839428853  
Conc: 54.61 ng/ml



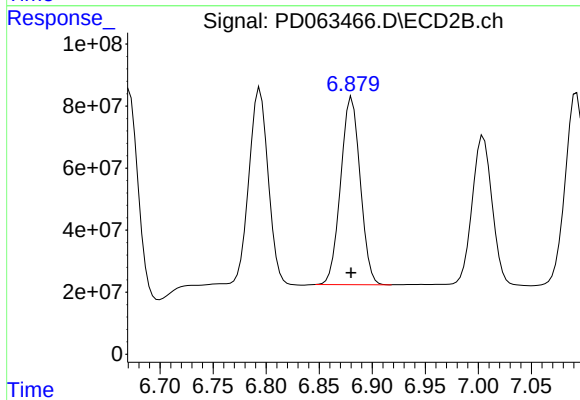
#15 Endosulfan II

R.T.: 6.264 min  
Delta R.T.: 0.001 min  
Response: 79942728  
Conc: 57.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

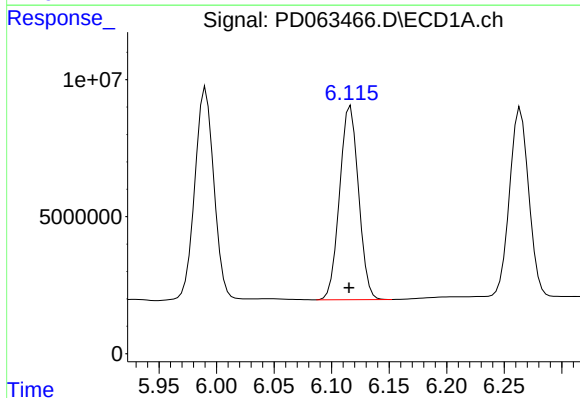
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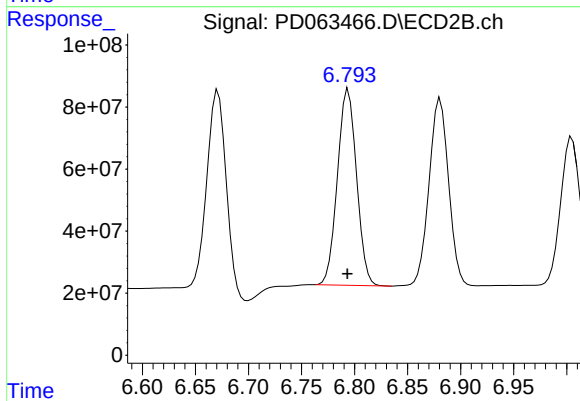
#15 Endosulfan II

R.T.: 6.881 min  
Delta R.T.: 0.000 min  
Response: 773905295  
Conc: 52.48 ng/ml



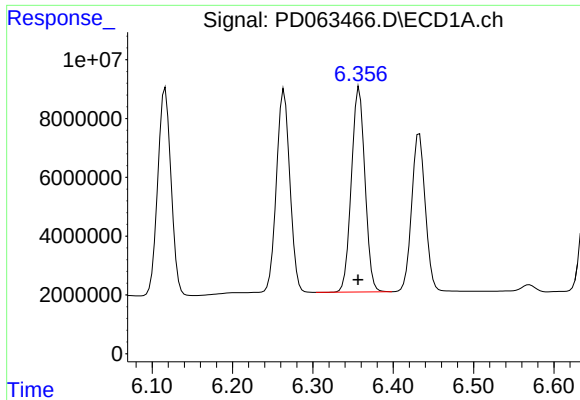
#16 4,4'-DDD

R.T.: 6.116 min  
Delta R.T.: 0.001 min  
Response: 81233511  
Conc: 56.01 ng/ml



#16 4,4'-DDD

R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 793564129  
Conc: 53.34 ng/ml



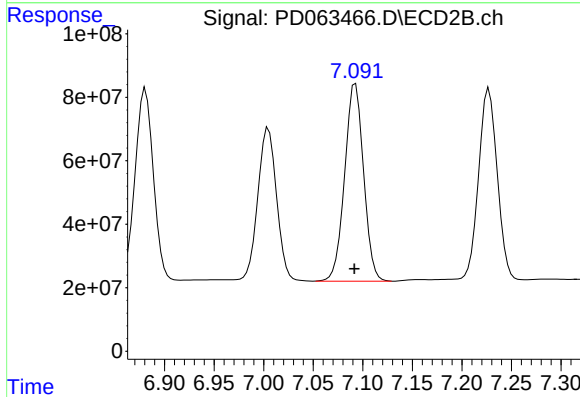
#17 4,4'-DDT

R.T.: 6.358 min  
Delta R.T.: 0.001 min  
Response: 81510436  
Conc: 56.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

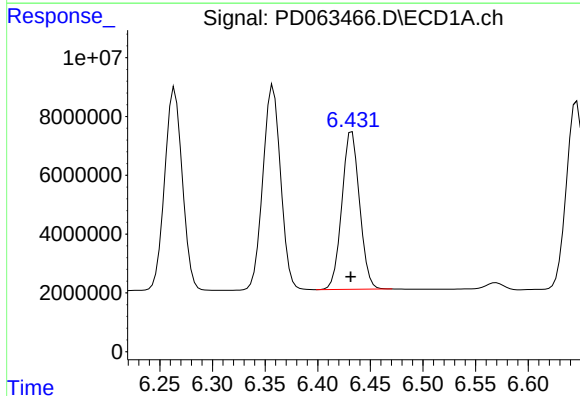
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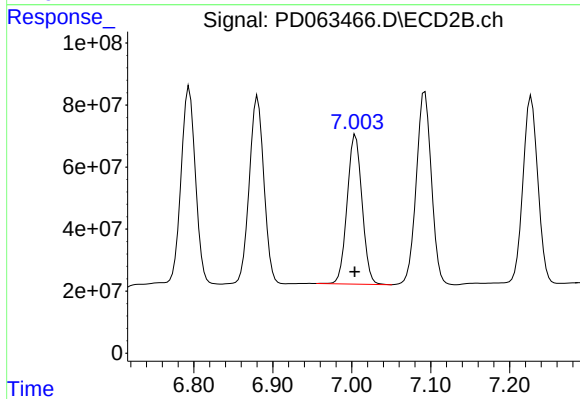
#17 4,4'-DDT

R.T.: 7.093 min  
Delta R.T.: 0.001 min  
Response: 827304629  
Conc: 54.96 ng/ml



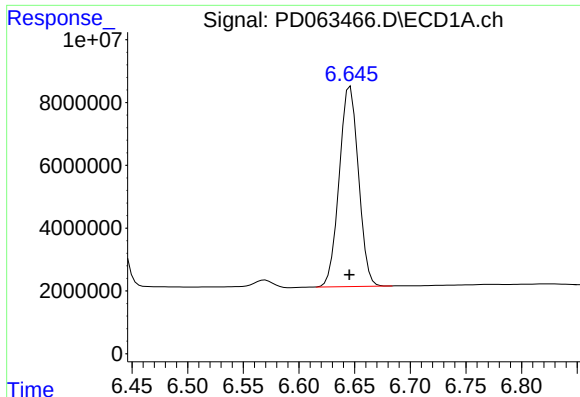
#18 Endrin aldehyde

R.T.: 6.433 min  
Delta R.T.: 0.001 min  
Response: 62975475  
Conc: 52.93 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min  
Delta R.T.: 0.001 min  
Response: 631347547  
Conc: 52.11 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.646 min

Delta R.T.: 0.000 min

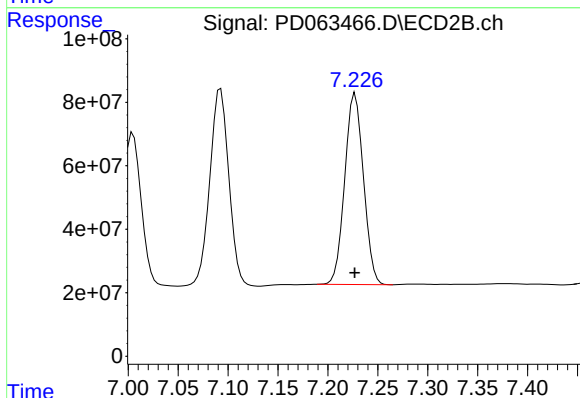
Response: 76754039

Conc: 60.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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Ankita  
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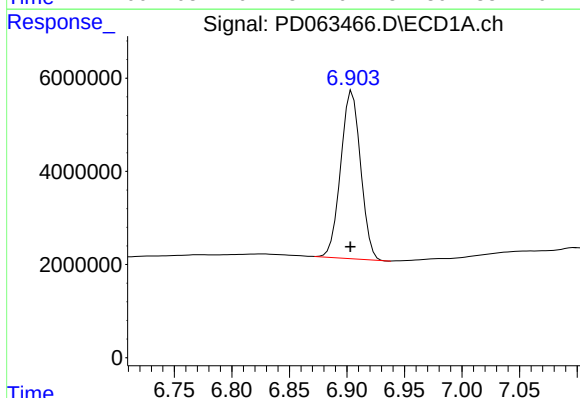
#19 Endosulfan Sulfate

R.T.: 7.227 min

Delta R.T.: 0.000 min

Response: 786815292

Conc: 51.89 ng/ml



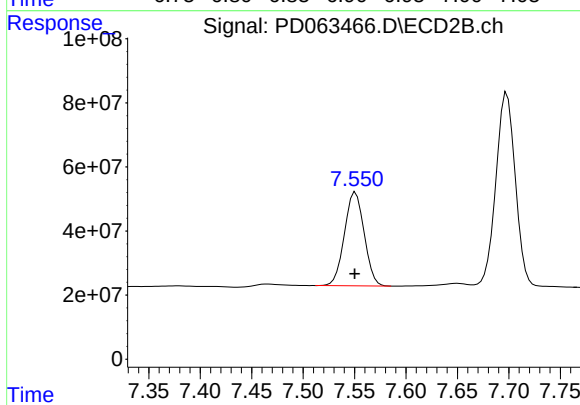
#20 Methoxychlor

R.T.: 6.905 min

Delta R.T.: 0.002 min

Response: 43542099

Conc: 54.59 ng/ml



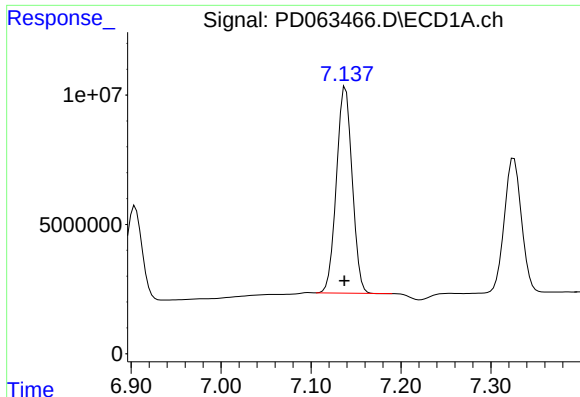
#20 Methoxychlor

R.T.: 7.551 min

Delta R.T.: 0.000 min

Response: 390703164

Conc: 52.75 ng/ml



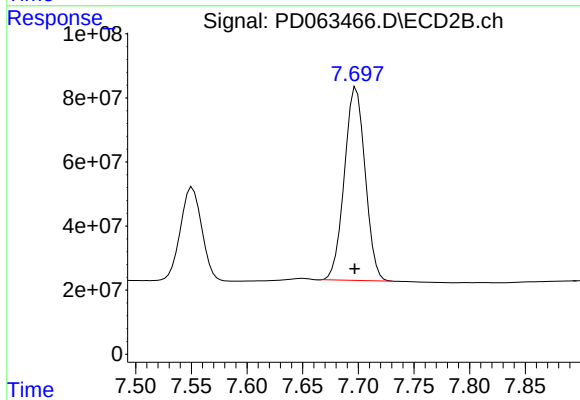
#21 Endrin ketone

R.T.: 7.138 min  
Delta R.T.: 0.001 min  
Response: 96951058  
Conc: 54.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

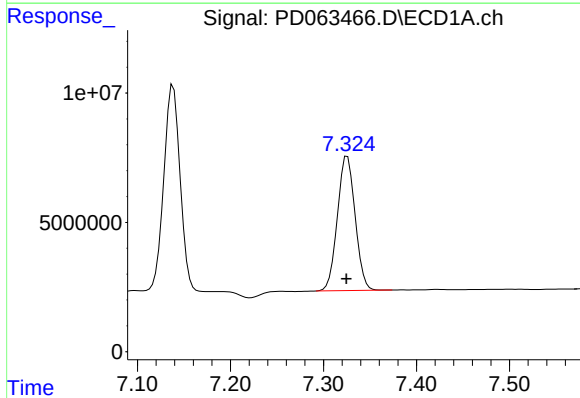
Manual Integrations  
APPROVED

Ankita  
6/7/2021 8:42:00 AM



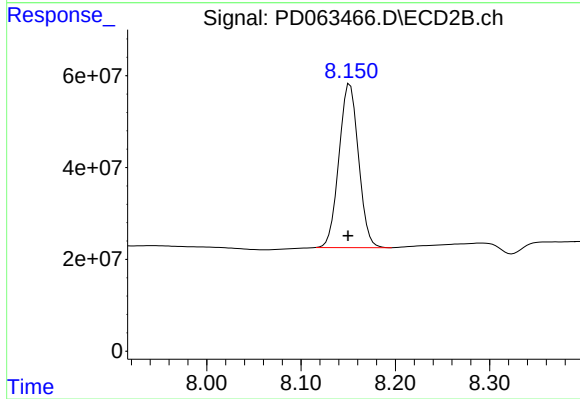
#21 Endrin ketone

R.T.: 7.698 min  
Delta R.T.: 0.001 min  
Response: 781509772  
Conc: 53.45 ng/ml



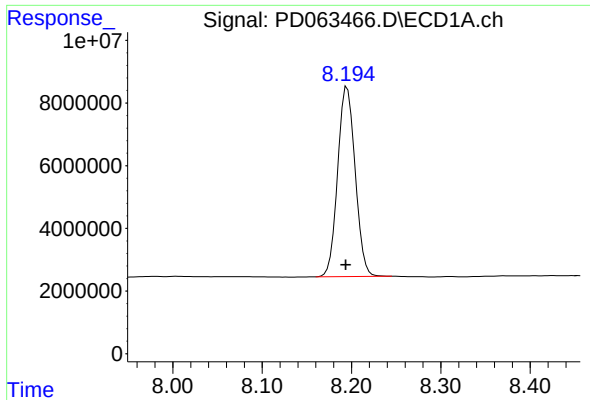
#22 Mirex

R.T.: 7.326 min  
Delta R.T.: 0.001 min  
Response: 68941915  
Conc: 60.06 ng/ml



#22 Mirex

R.T.: 8.152 min  
Delta R.T.: 0.002 min  
Response: 514765787  
Conc: 51.48 ng/ml



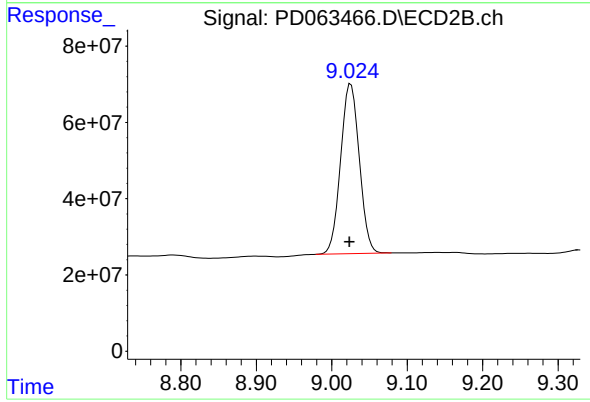
#28 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: 0.001 min  
Response: 82358280  
Conc: 52.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: 0.002 min  
Response: 767103823  
Conc: 55.51 ng/ml