

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070920\  
 Data File : PD058546.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jul 2020 22:44  
 Operator : AJ\MA  
 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: Jul 10 01:28:54 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070720.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 08 08:01:25 2020  
 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... | 3.209 | 3.866 | 79773506 | 109.5E6  | 43.752 | 44.299  |
| 28)                         | SA Decachlor... | 7.845 | 8.859 | 73280845 | 90411757 | 40.580 | 41.468  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.631 | 4.249 | 131.9E6  | 177.0E6  | 46.068 | 46.954  |
| 3)                          | MA gamma-BHC... | 3.902 | 4.529 | 121.8E6  | 157.7E6  | 47.583 | 45.618  |
| 4)                          | MA Heptachlor   | 4.181 | 5.029 | 93895657 | 143.4E6  | 51.784 | 45.563  |
| 5)                          | MB Aldrin       | 4.416 | 5.329 | 107.0E6  | 143.9E6  | 44.905 | 45.368  |
| 6)                          | B beta-BHC      | 4.151 | 4.701 | 46728573 | 64334847 | 45.608 | 45.422  |
| 7)                          | B delta-BHC     | 4.342 | 4.912 | 121.4E6  | 128.6E6  | 47.883 | 41.796  |
| 8)                          | B Heptachlo...  | 4.849 | 5.712 | 93931379 | 136.8E6  | 47.863 | 46.994  |
| 9)                          | A Endosulfan I  | 5.175 | 6.065 | 90653075 | 121.0E6  | 45.749 | 45.878  |
| 10)                         | B gamma-Chl...  | 5.068 | 5.944 | 99990170 | 131.2E6  | 44.912 | 45.096m |
| 11)                         | B alpha-Chl...  | 5.125 | 6.017 | 98298572 | 131.9E6  | 44.393 | 45.873  |
| 12)                         | B 4,4'-DDE      | 5.294 | 6.178 | 96613628 | 124.0E6  | 44.766 | 45.110  |
| 13)                         | MA Dieldrin     | 5.413 | 6.320 | 95164161 | 130.0E6  | 53.365 | 45.490  |
| 14)                         | MA Endrin       | 5.665 | 6.536 | 75965505 | 104.4E6  | 53.341 | 49.068  |
| 15)                         | B Endosulfa...  | 5.938 | 6.745 | 85798746 | 110.9E6  | 47.549 | 44.932  |
| 16)                         | A 4,4'-DDD      | 5.802 | 6.664 | 72524462 | 106.8E6  | 55.444 | 46.328  |
| 17)                         | MA 4,4'-DDT     | 6.035 | 6.961 | 67824172 | 99640118 | 46.016 | 43.422  |
| 18)                         | B Endrin al...  | 6.106 | 6.869 | 70732290 | 94798789 | 50.785 | 44.330  |
| 19)                         | B Endosulfa...  | 6.316 | 7.092 | 79198493 | 104.1E6  | 49.771 | 45.413  |
| 20)                         | A Methoxychlor  | 6.583 | 7.421 | 31427678 | 55040694 | 53.346 | 45.785  |
| 21)                         | B Endrin ke...  | 6.795 | 7.557 | 93856945 | 120.9E6  | 51.017 | 44.420  |
| 22)                         | Mirex           | 6.966 | 8.007 | 64684382 | 82937189 | 42.944 | 42.987  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070920\  
Data File : PD058546.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jul 2020 22:44  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

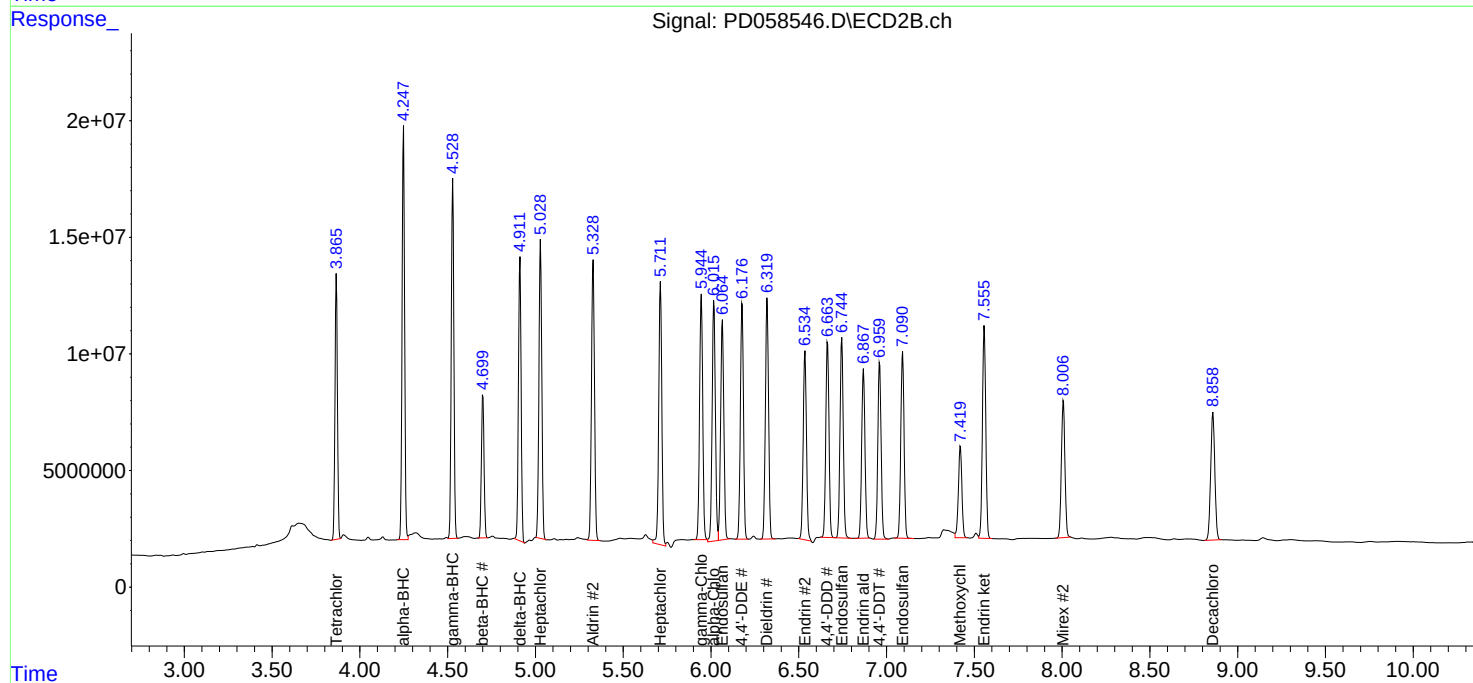
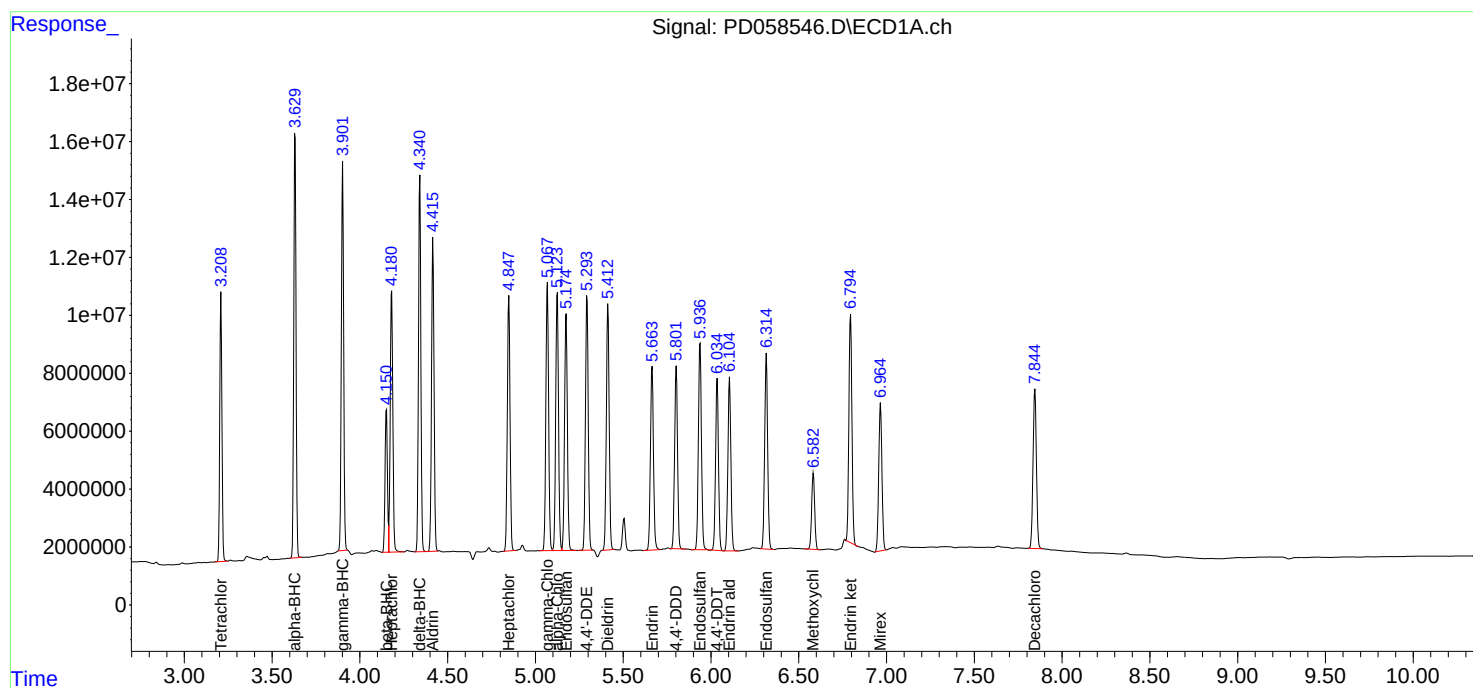
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

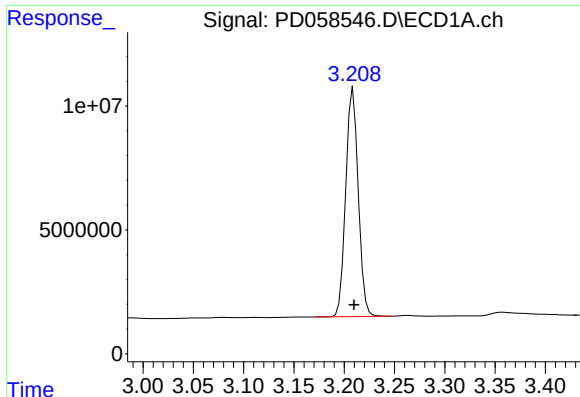
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 10 01:28:54 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070720.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 08 08:01:25 2020  
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





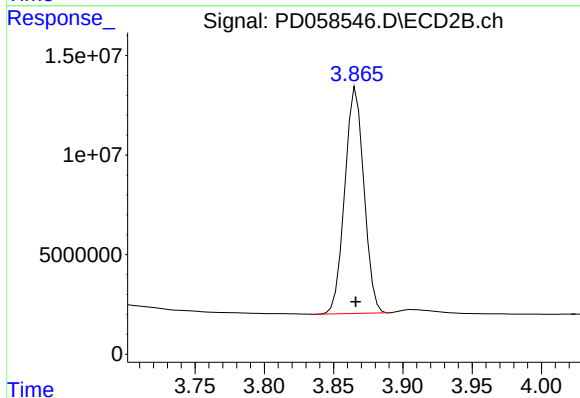
#1 Tetrachloro-m-xylene

R.T.: 3.209 min  
Delta R.T.: 0.000 min  
Response: 79773506  
Conc: 43.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

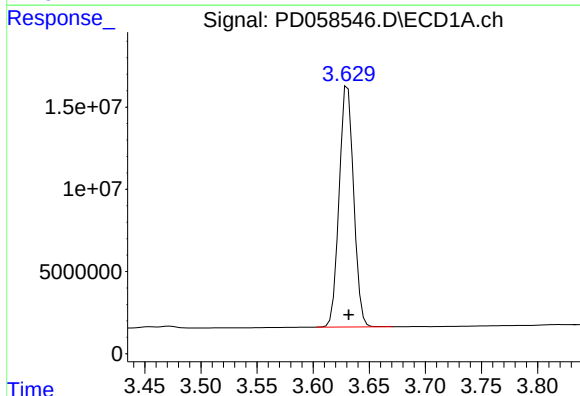
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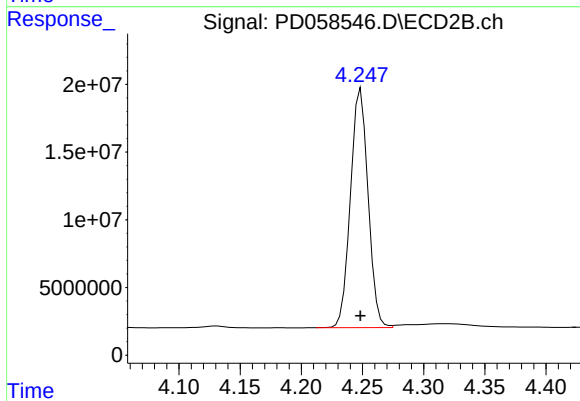
#1 Tetrachloro-m-xylene

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 109451911  
Conc: 44.30 ng/ml



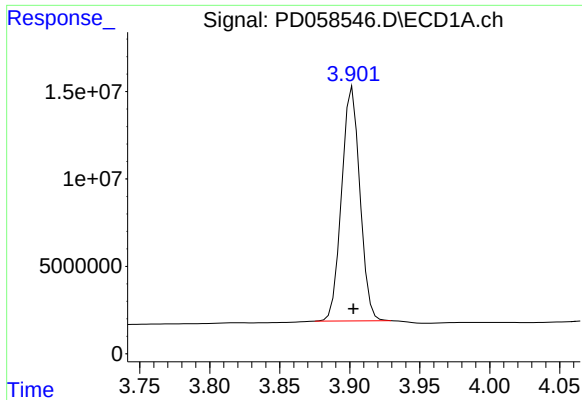
#2 alpha-BHC

R.T.: 3.631 min  
Delta R.T.: 0.000 min  
Response: 131898786  
Conc: 46.07 ng/ml



#2 alpha-BHC

R.T.: 4.249 min  
Delta R.T.: 0.000 min  
Response: 177020571  
Conc: 46.95 ng/ml



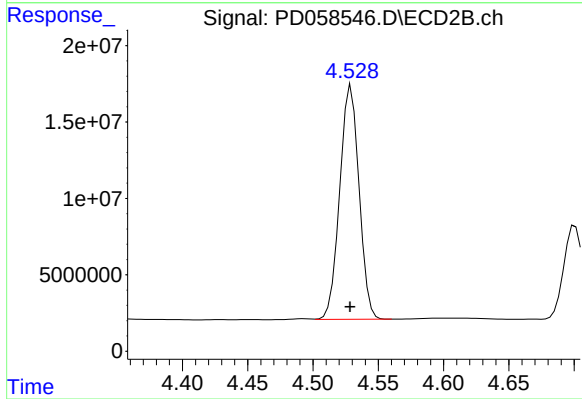
#3 gamma-BHC (Lindane)

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 121847862  
Conc: 47.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

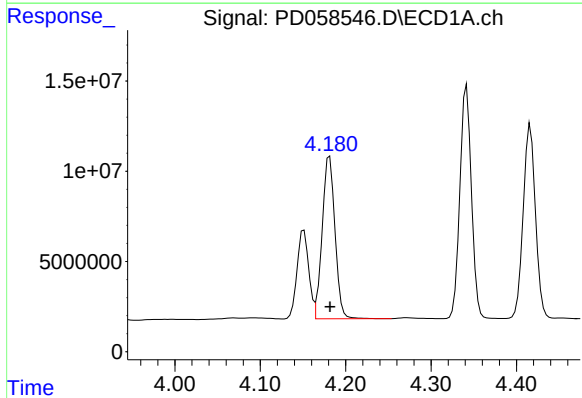
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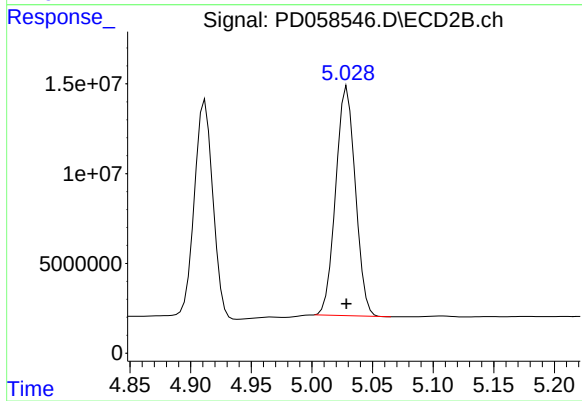
#3 gamma-BHC (Lindane)

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 157697124  
Conc: 45.62 ng/ml



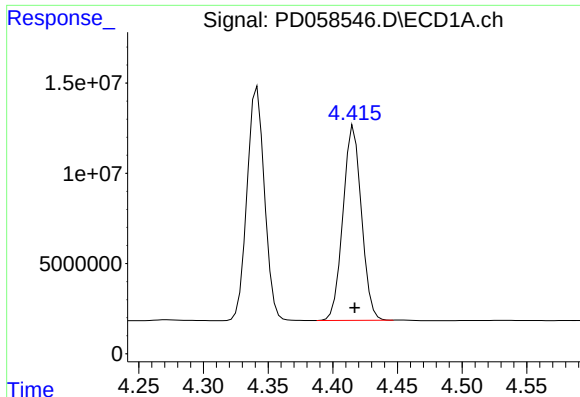
#4 Heptachlor

R.T.: 4.181 min  
Delta R.T.: 0.000 min  
Response: 93895657  
Conc: 51.78 ng/ml



#4 Heptachlor

R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 143437786  
Conc: 45.56 ng/ml



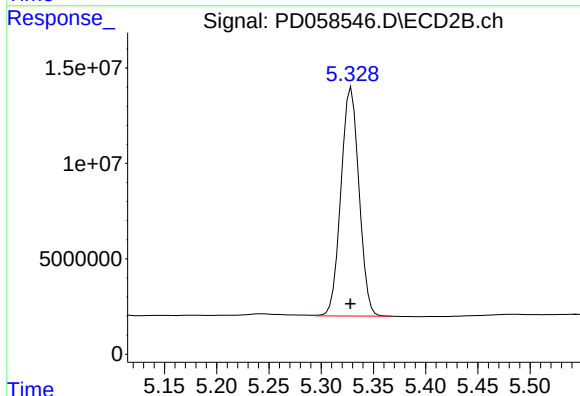
#5 Aldrin

R.T.: 4.416 min  
Delta R.T.: 0.000 min  
Response: 106965179  
Conc: 44.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

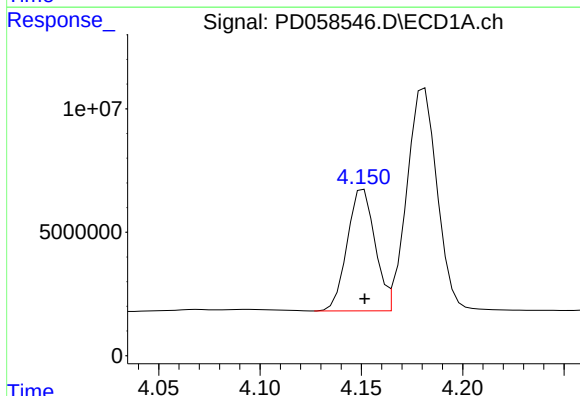
Manual Integrations  
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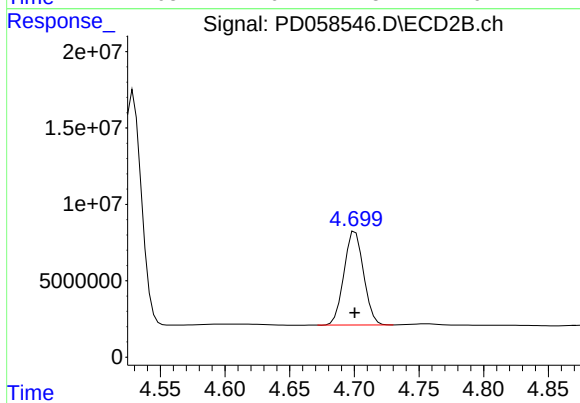
#5 Aldrin

R.T.: 5.329 min  
Delta R.T.: 0.000 min  
Response: 143867616  
Conc: 45.37 ng/ml



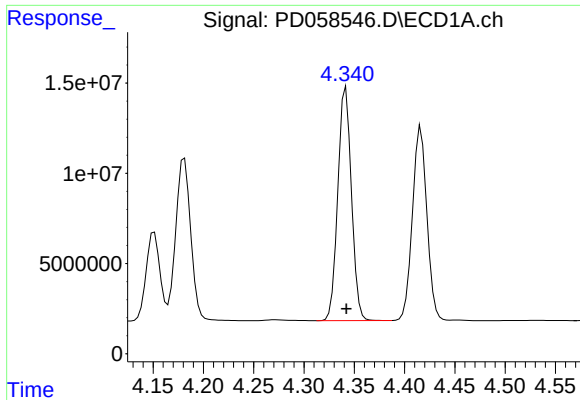
#6 beta-BHC

R.T.: 4.151 min  
Delta R.T.: 0.000 min  
Response: 46728573  
Conc: 45.61 ng/ml



#6 beta-BHC

R.T.: 4.701 min  
Delta R.T.: 0.000 min  
Response: 64334847  
Conc: 45.42 ng/ml



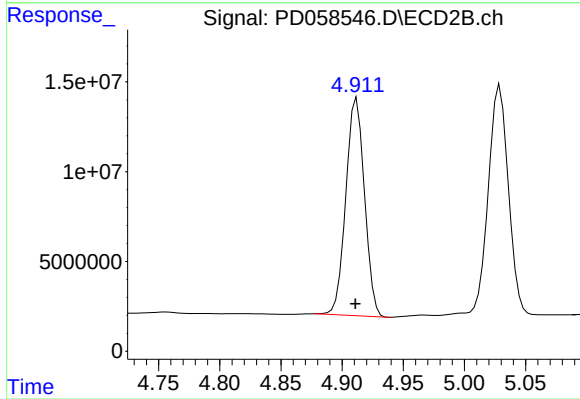
#7 delta-BHC

R.T.: 4.342 min  
Delta R.T.: 0.000 min  
Response: 121438394  
Conc: 47.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

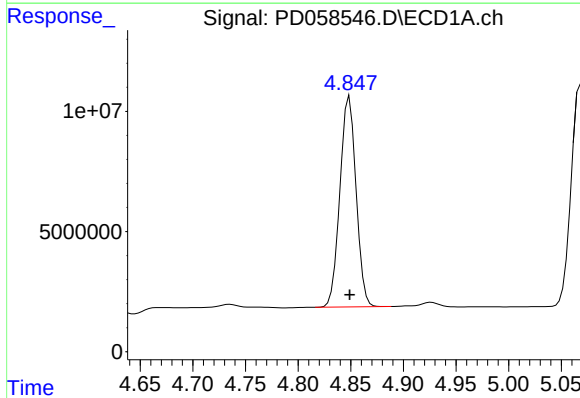
Manual Integrations  
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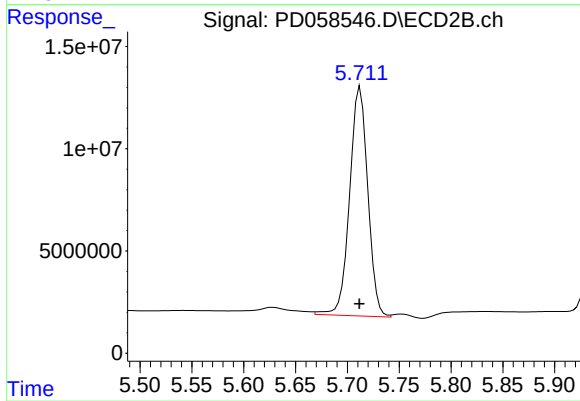
#7 delta-BHC

R.T.: 4.912 min  
Delta R.T.: 0.001 min  
Response: 128552740  
Conc: 41.80 ng/ml



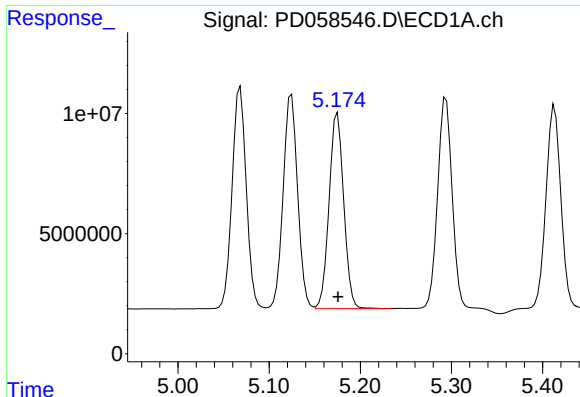
#8 Heptachlor epoxide

R.T.: 4.849 min  
Delta R.T.: 0.000 min  
Response: 93931379  
Conc: 47.86 ng/ml



#8 Heptachlor epoxide

R.T.: 5.712 min  
Delta R.T.: 0.000 min  
Response: 136800277  
Conc: 46.99 ng/ml



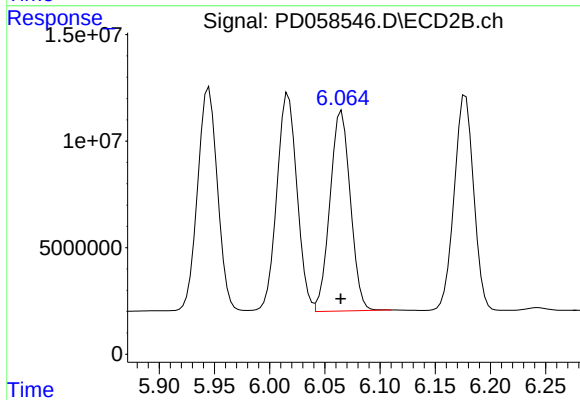
#9 Endosulfan I

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 90653075  
Conc: 45.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

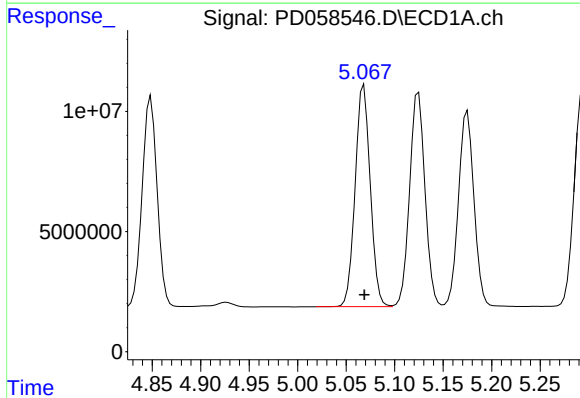
Manual Integrations  
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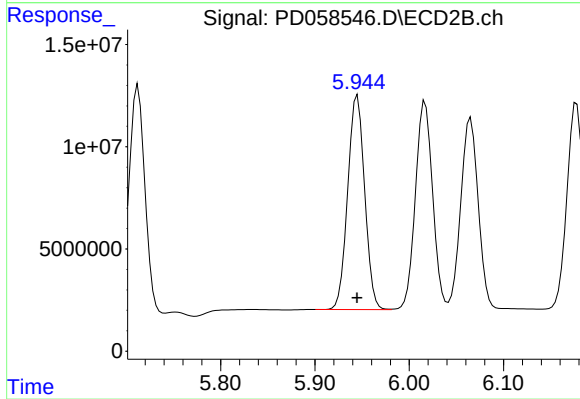
#9 Endosulfan I

R.T.: 6.065 min  
Delta R.T.: 0.000 min  
Response: 120960547  
Conc: 45.88 ng/ml



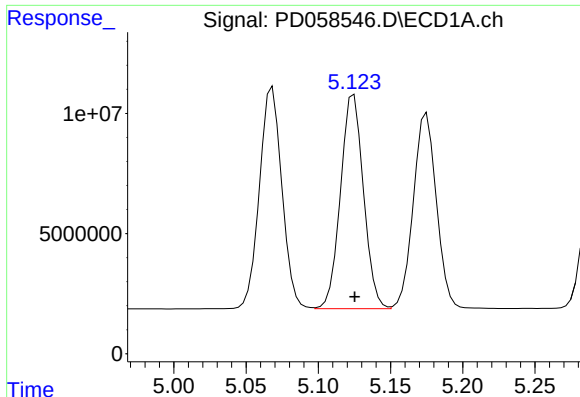
#10 gamma-Chlordane

R.T.: 5.068 min  
Delta R.T.: 0.000 min  
Response: 99990170  
Conc: 44.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 131230469  
Conc: 45.10 ng/ml m



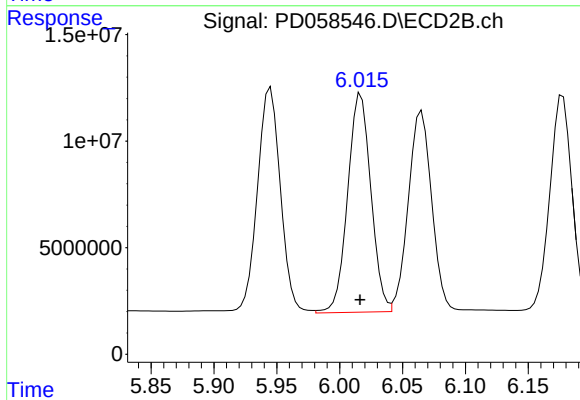
#11 alpha-Chlordane

R.T.: 5.125 min  
Delta R.T.: 0.000 min  
Response: 98298572  
Conc: 44.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

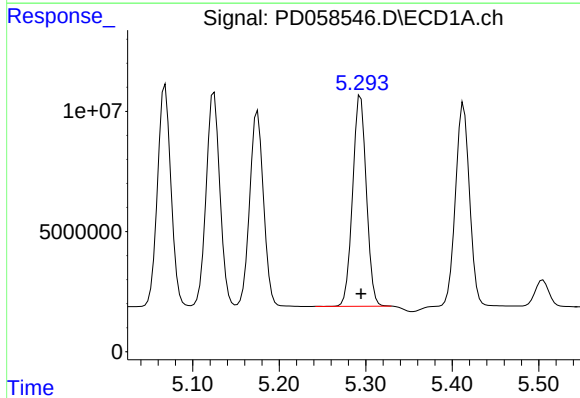
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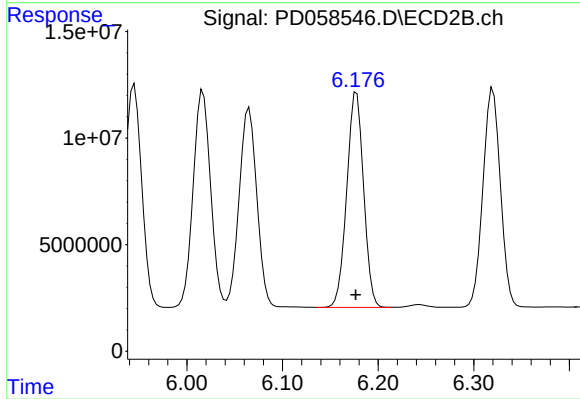
#11 alpha-Chlordane

R.T.: 6.017 min  
Delta R.T.: 0.000 min  
Response: 131929488  
Conc: 45.87 ng/ml



#12 4,4'-DDE

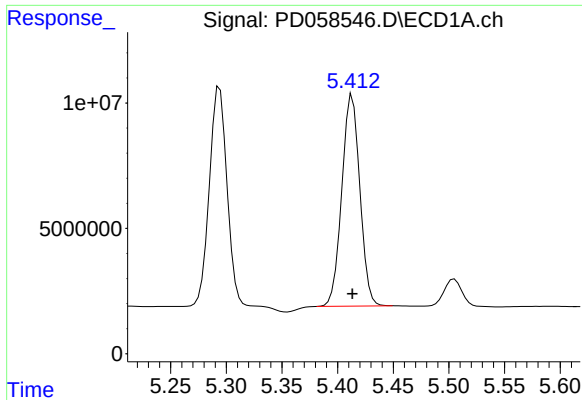
R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 96613628  
Conc: 44.77 ng/ml



#12 4,4'-DDE

R.T.: 6.178 min  
Delta R.T.: 0.000 min  
Response: 123981453  
Conc: 45.11 ng/ml





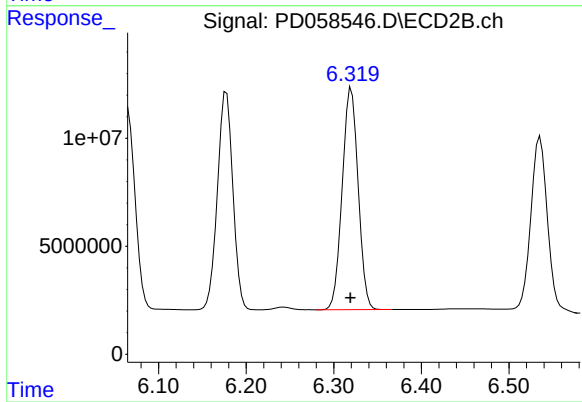
#13 Dieldrin

R.T.: 5.413 min  
Delta R.T.: 0.000 min  
Response: 95164161  
Conc: 53.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

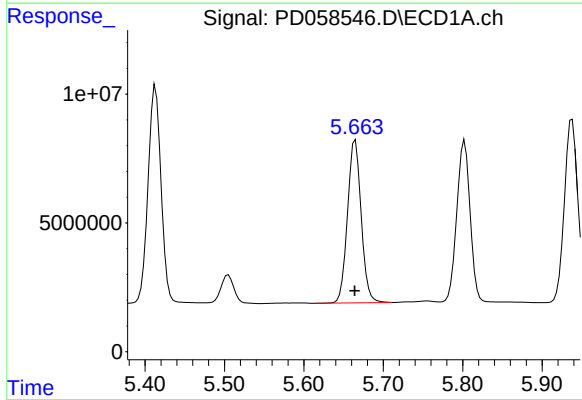
Manual Integrations  
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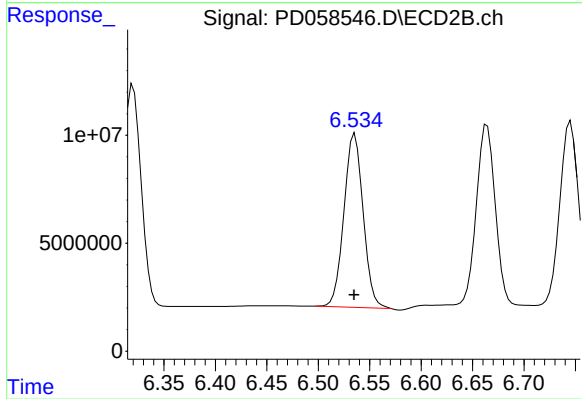
#13 Dieldrin

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 129953467  
Conc: 45.49 ng/ml



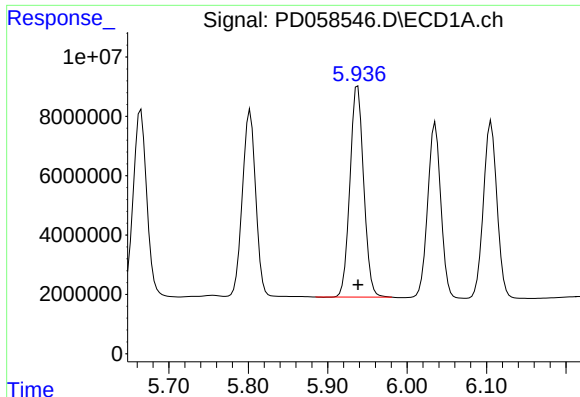
#14 Endrin

R.T.: 5.665 min  
Delta R.T.: 0.000 min  
Response: 75965505  
Conc: 53.34 ng/ml



#14 Endrin

R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 104435571  
Conc: 49.07 ng/ml



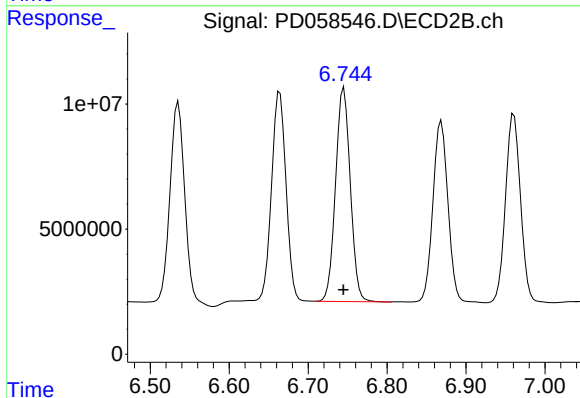
#15 Endosulfan II

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 85798746  
Conc: 47.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

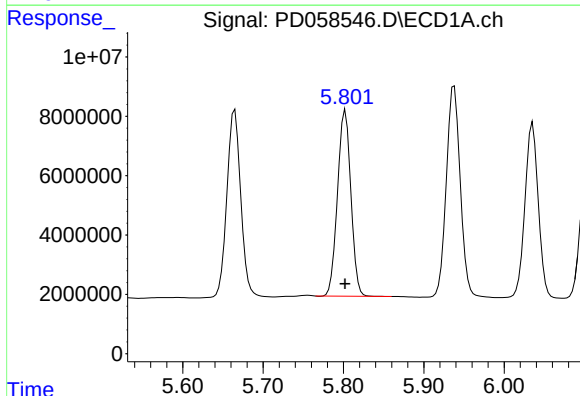
Manual Integrations  
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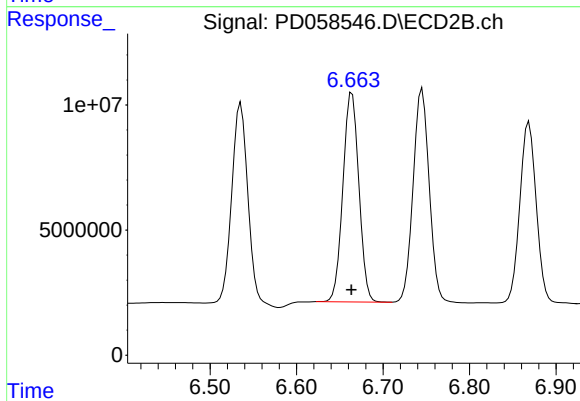
#15 Endosulfan II

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 110880999  
Conc: 44.93 ng/ml



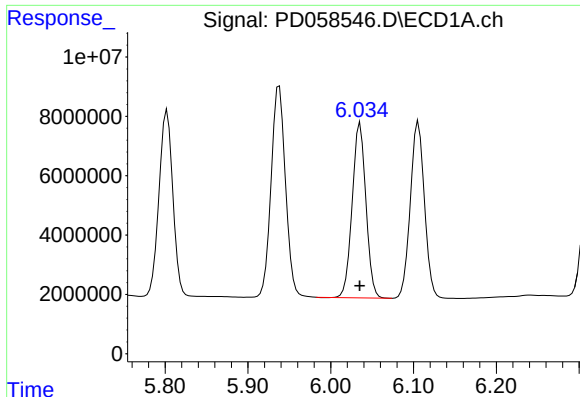
#16 4,4'-DDD

R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 72524462  
Conc: 55.44 ng/ml



#16 4,4'-DDD

R.T.: 6.664 min  
Delta R.T.: 0.000 min  
Response: 106812756  
Conc: 46.33 ng/ml



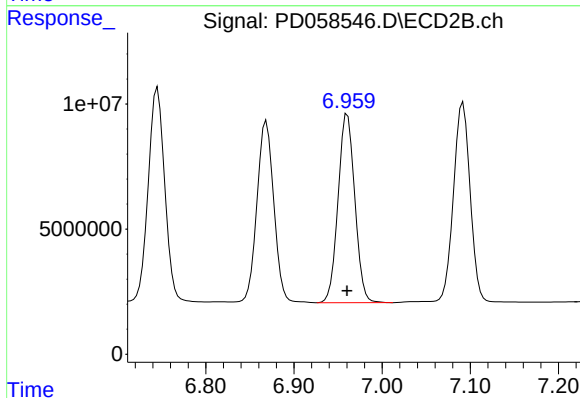
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 67824172  
Conc: 46.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

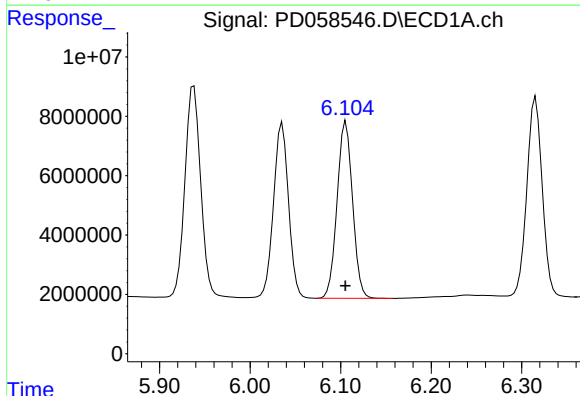
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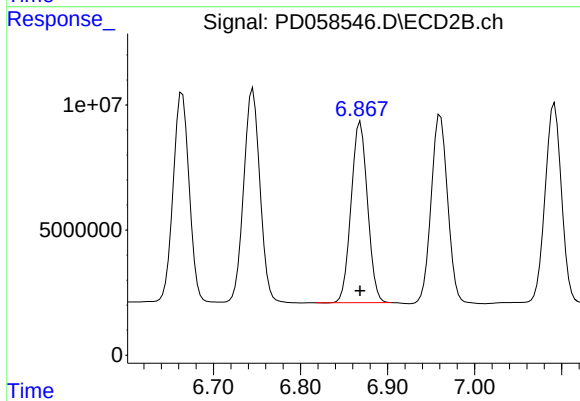
#17 4,4'-DDT

R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 99640118  
Conc: 43.42 ng/ml



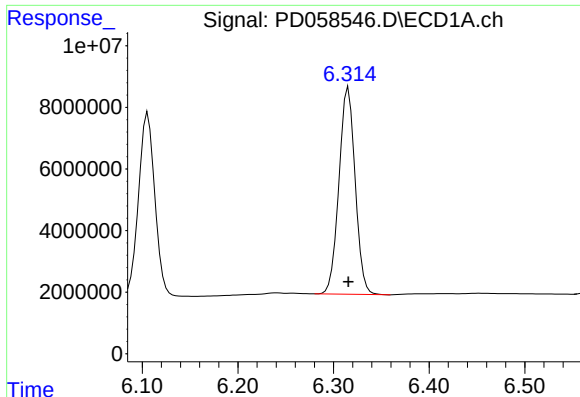
#18 Endrin aldehyde

R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 70732290  
Conc: 50.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.869 min  
Delta R.T.: 0.000 min  
Response: 94798789  
Conc: 44.33 ng/ml



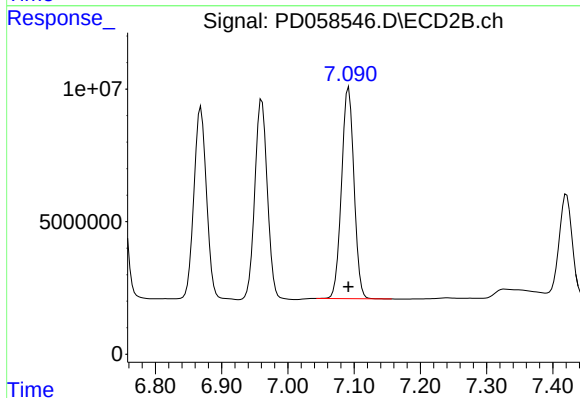
#19 Endosulfan Sulfate

R.T.: 6.316 min  
Delta R.T.: 0.000 min  
Response: 79198493  
Conc: 49.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

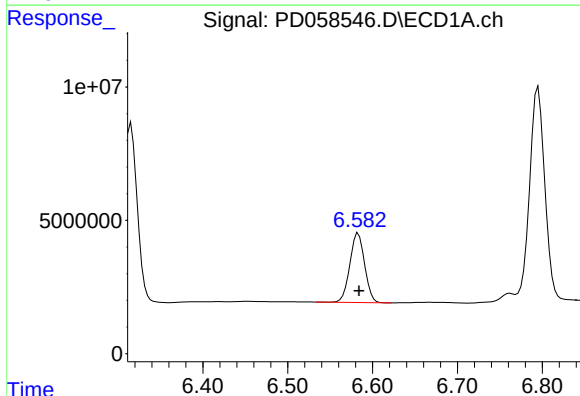
Manual Integrations  
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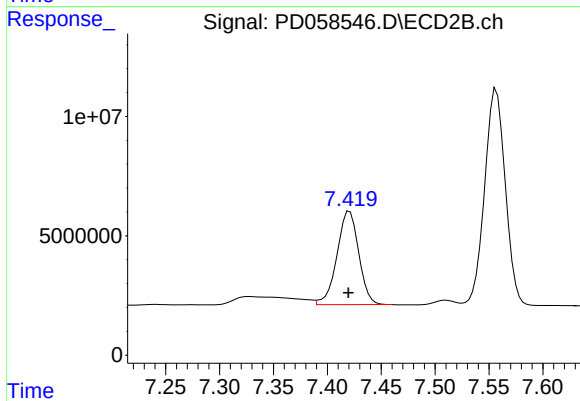
#19 Endosulfan Sulfate

R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 104126068  
Conc: 45.41 ng/ml



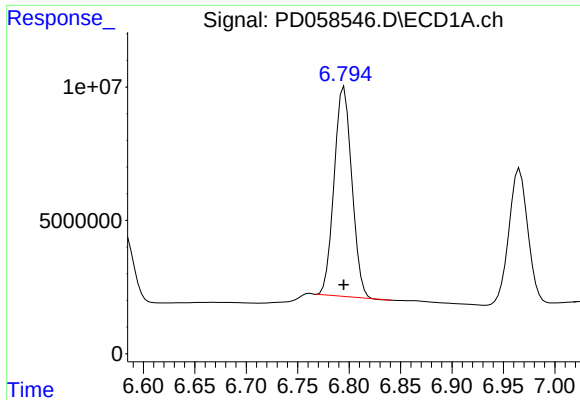
#20 Methoxychlor

R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 31427678  
Conc: 53.35 ng/ml



#20 Methoxychlor

R.T.: 7.421 min  
Delta R.T.: 0.001 min  
Response: 55040694  
Conc: 45.79 ng/ml



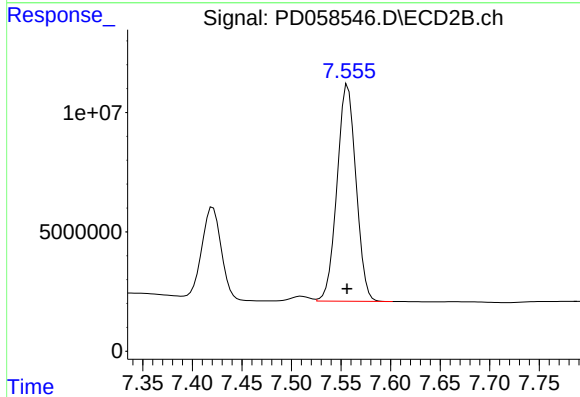
#21 Endrin ketone

R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 93856945  
Conc: 51.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

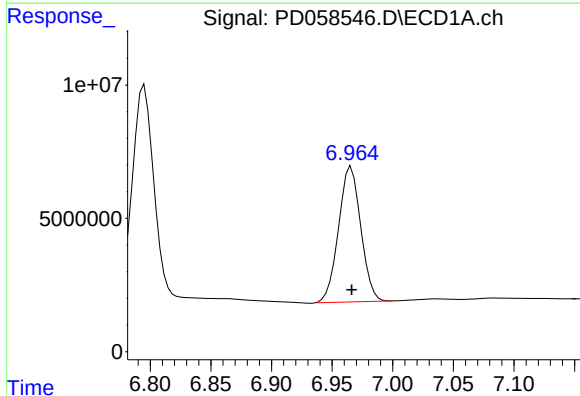
Manual Integrations  
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7/10/2020 12:32:58 PM



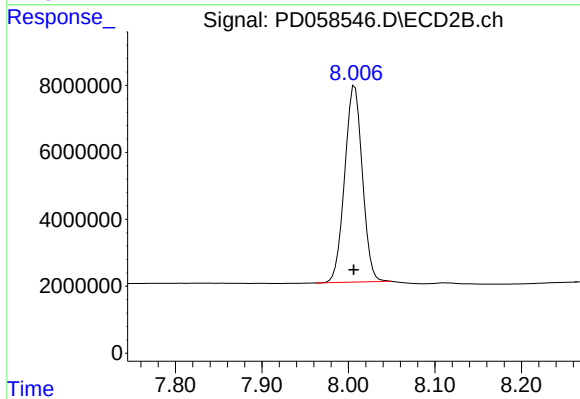
#21 Endrin ketone

R.T.: 7.557 min  
Delta R.T.: 0.000 min  
Response: 120897417  
Conc: 44.42 ng/ml



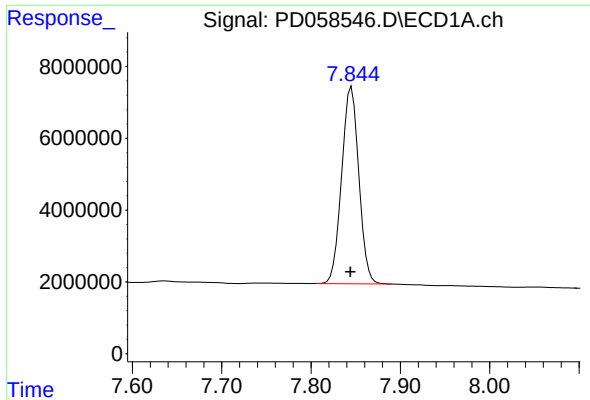
#22 Mirex

R.T.: 6.966 min  
Delta R.T.: 0.000 min  
Response: 64684382  
Conc: 42.94 ng/ml



#22 Mirex

R.T.: 8.007 min  
Delta R.T.: 0.000 min  
Response: 82937189  
Conc: 42.99 ng/ml



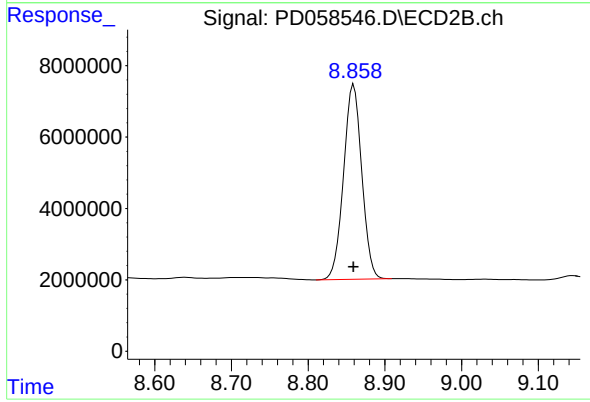
#28 Decachlorobiphenyl

R.T.: 7.845 min  
Delta R.T.: 0.001 min  
Response: 73280845  
Conc: 40.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.859 min  
Delta R.T.: 0.000 min  
Response: 90411757  
Conc: 41.47 ng/ml