

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081318\  
 Data File : PD048861.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Aug 2018 9:38  
 Operator : AJ\SJ  
 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: Aug 14 02:11:22 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073118.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 01 04:28:20 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x 0.2 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... | 3.372 | 3.968 | 50563701 | 685.0E6  | 45.610m | 51.028  |
| 28)                         | SA Decachlor... | 8.070 | 8.995 | 58098536 | 651.5E6  | 41.490m | 43.136  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.803 | 4.348 | 87805124 | 1173.8E6 | 45.829m | 51.642  |
| 3)                          | MA gamma-BHC... | 4.081 | 4.629 | 79324302 | 1031.3E6 | 43.730m | 49.870  |
| 4)                          | MA Heptachlor   | 4.371 | 5.143 | 77842470 | 960.8E6  | 46.012  | 51.016  |
| 5)                          | MB Aldrin       | 4.613 | 5.446 | 74666623 | 1009.4E6 | 45.864  | 49.355  |
| 6)                          | B beta-BHC      | 4.331 | 4.790 | 33184687 | 424.4E6  | 46.497  | 50.963  |
| 7)                          | B delta-BHC     | 4.530 | 5.006 | 81639798 | 998.9E6  | 46.026  | 53.314  |
| 8)                          | B Heptachlo...  | 5.052 | 5.826 | 69318077 | 909.0E6  | 45.216m | 52.336  |
| 9)                          | A Endosulfan I  | 5.384 | 6.180 | 63947473 | 803.6E6  | 44.870m | 47.790  |
| 10)                         | B gamma-Chl...  | 5.274 | 6.059 | 70090127 | 915.1E6  | 45.199m | 49.209  |
| 11)                         | B alpha-Chl...  | 5.331 | 6.132 | 67856020 | 879.3E6  | 44.836m | 48.867  |
| 12)                         | B 4,4'-DDE      | 5.499 | 6.286 | 71862472 | 779.2E6  | 46.062m | 49.114  |
| 13)                         | MA Dieldrin     | 5.626 | 6.434 | 73336608 | 899.0E6  | 44.690m | 47.952  |
| 14)                         | MA Endrin       | 5.880 | 6.648 | 67619947 | 714.3E6  | 42.348m | 44.038m |
| 15)                         | B Endosulfa...  | 6.154 | 6.851 | 65255269 | 719.2E6  | 45.277  | 45.179  |
| 16)                         | A 4,4'-DDD      | 6.011 | 6.769 | 60673322 | 623.7E6  | 43.270m | 49.174  |
| 17)                         | MA 4,4'-DDT     | 6.248 | 7.068 | 61880267 | 602.4E6  | 43.655m | 46.854  |
| 18)                         | B Endrin al...  | 6.324 | 6.974 | 55853513 | 622.5E6  | 46.643  | 46.821  |
| 19)                         | B Endosulfa...  | 6.533 | 7.197 | 58643090 | 694.0E6  | 44.308m | 44.282  |
| 20)                         | A Methoxychlor  | 6.798 | 7.521 | 32947047 | 281.9E6  | 42.297m | 46.725  |
| 21)                         | B Endrin ke...  | 7.021 | 7.662 | 75892669 | 680.5E6  | 44.582m | 44.946  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD081318\  
Data File : PD048861.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Aug 2018 9:38  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

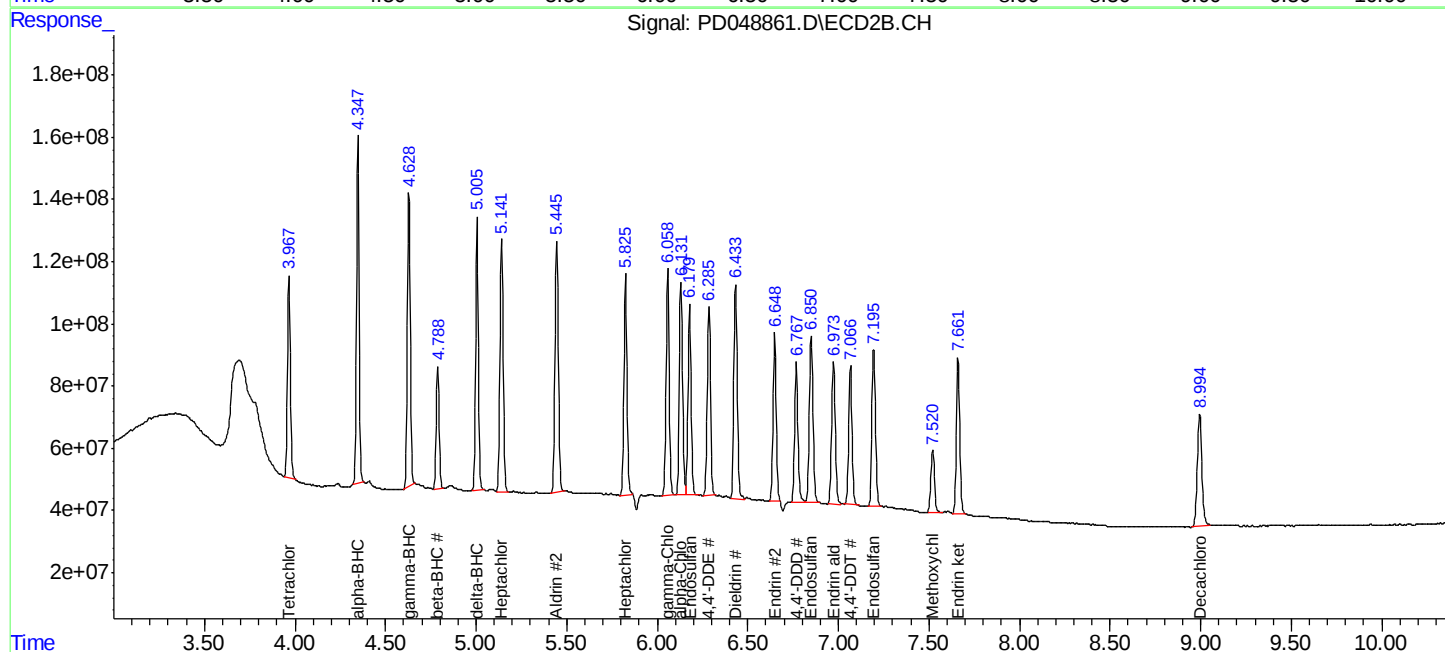
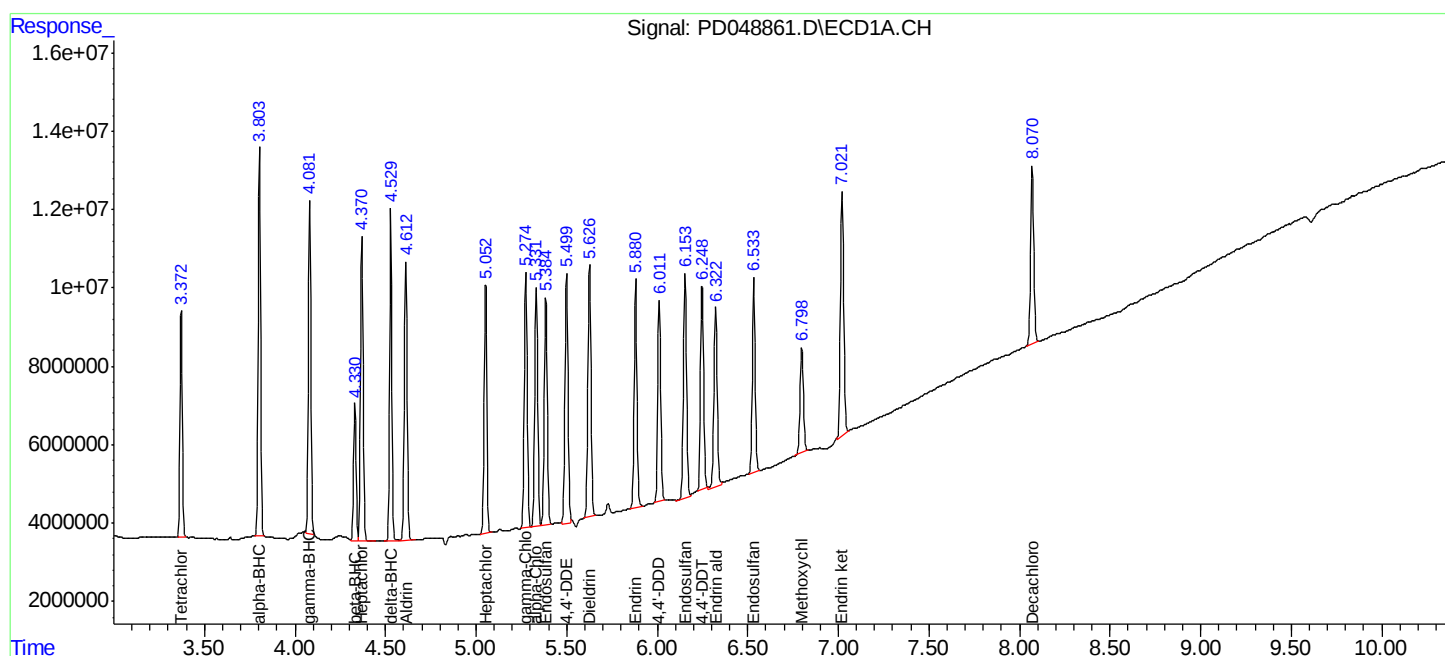
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

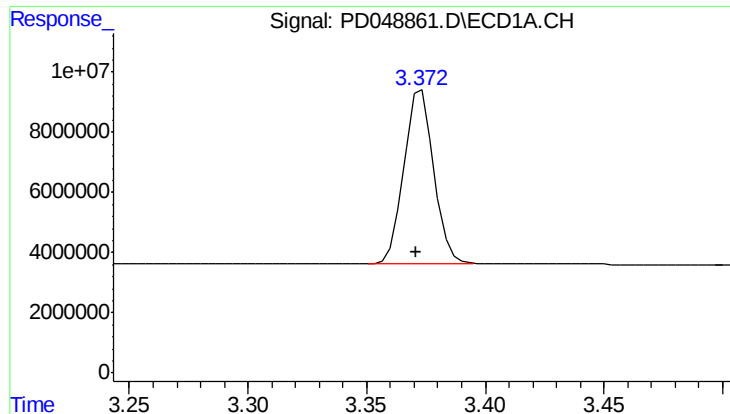
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 02:11:22 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073118.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 01 04:28:20 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 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





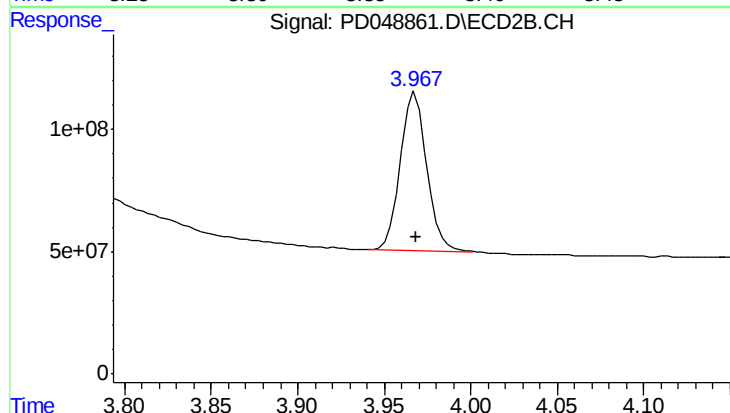
#1 Tetrachloro-m-xylene

R.T.: 3.372 min  
Delta R.T.: 0.001 min  
Response: 50563701  
Conc: 45.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

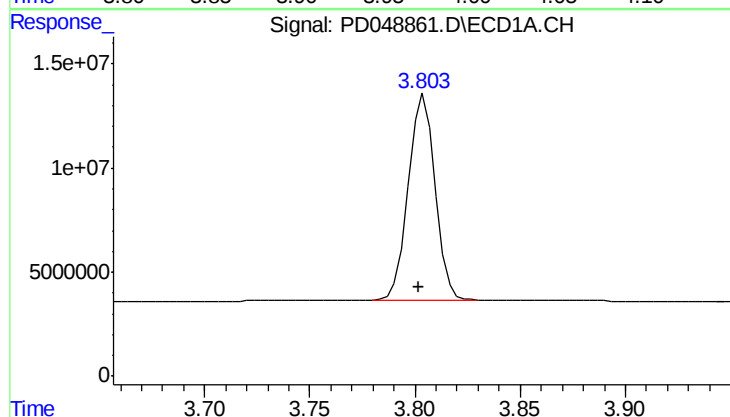
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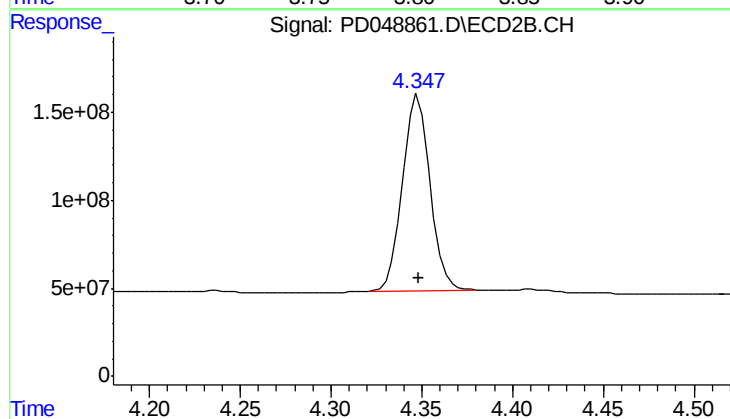
#1 Tetrachloro-m-xylene

R.T.: 3.968 min  
Delta R.T.: 0.000 min  
Response: 684988938  
Conc: 51.03 ng/ml



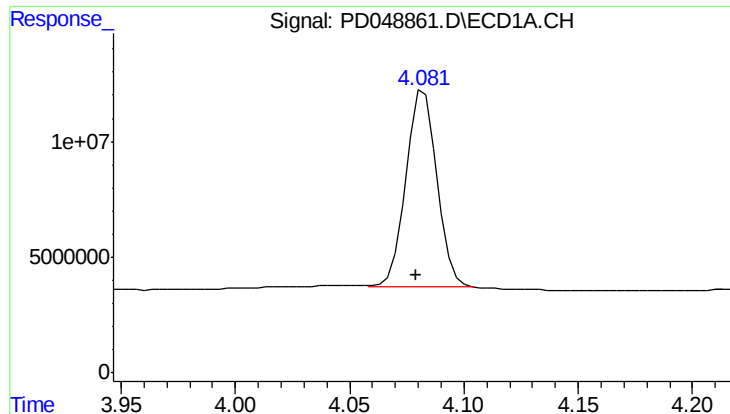
#2 alpha-BHC

R.T.: 3.803 min  
Delta R.T.: 0.001 min  
Response: 87805124  
Conc: 45.83 ng/ml m



#2 alpha-BHC

R.T.: 4.348 min  
Delta R.T.: 0.000 min  
Response: 1173804197  
Conc: 51.64 ng/ml



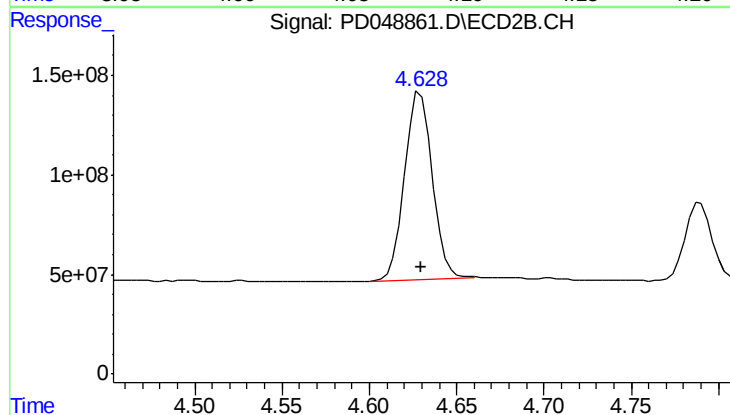
#3 gamma-BHC (Lindane)

R.T.: 4.081 min  
Delta R.T.: 0.002 min  
Response: 79324302  
Conc: 43.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

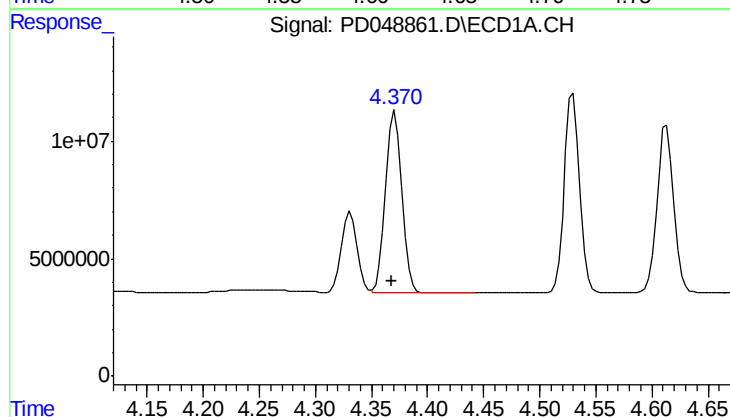
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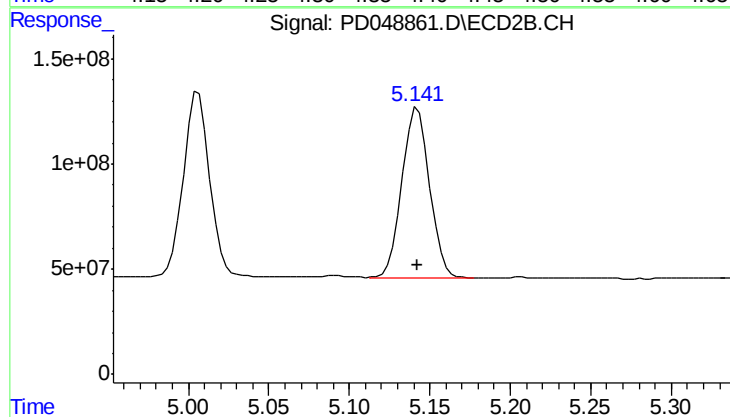
#3 gamma-BHC (Lindane)

R.T.: 4.629 min  
Delta R.T.: 0.000 min  
Response: 1031291564  
Conc: 49.87 ng/ml



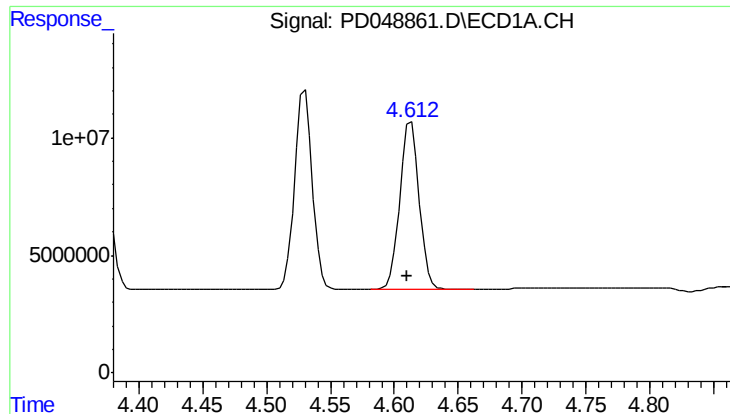
#4 Heptachlor

R.T.: 4.371 min  
Delta R.T.: 0.003 min  
Response: 77842470  
Conc: 46.01 ng/ml



#4 Heptachlor

R.T.: 5.143 min  
Delta R.T.: 0.000 min  
Response: 960796513  
Conc: 51.02 ng/ml



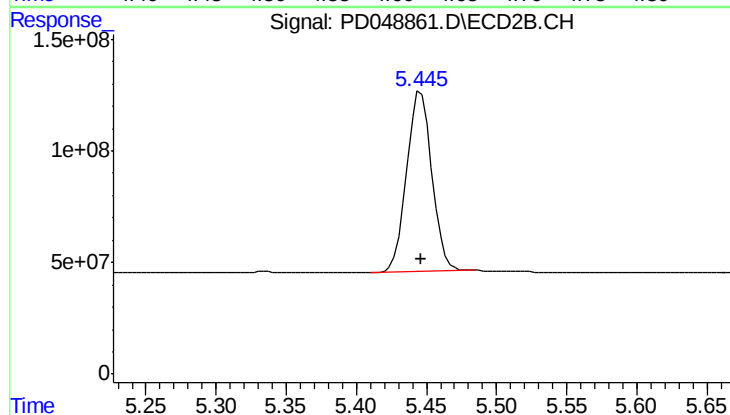
#5 Aldrin

R.T.: 4.613 min  
Delta R.T.: 0.003 min  
Response: 74666623  
Conc: 45.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

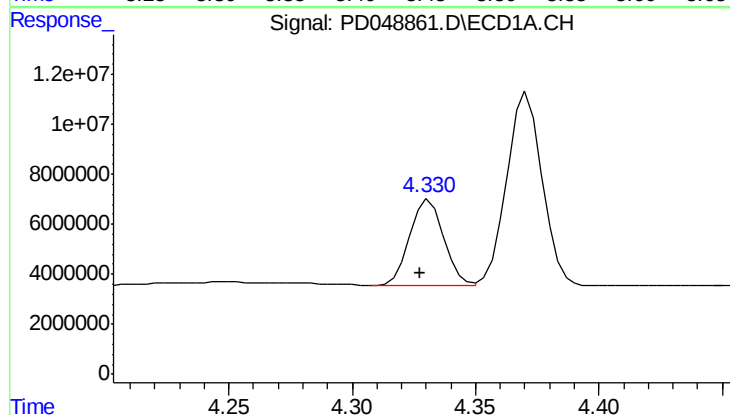
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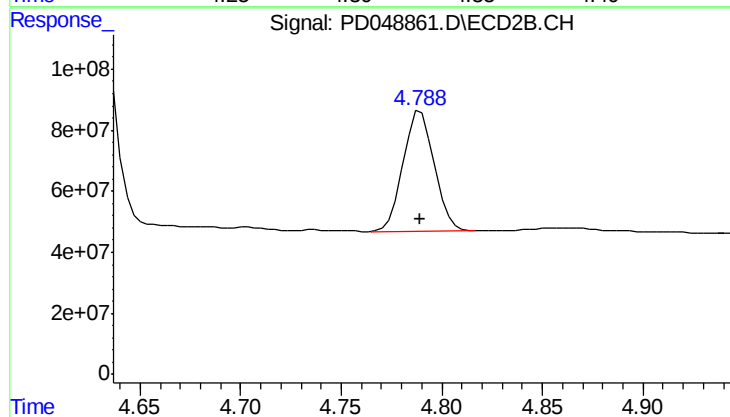
#5 Aldrin

R.T.: 5.446 min  
Delta R.T.: 0.000 min  
Response: 1009420669  
Conc: 49.35 ng/ml



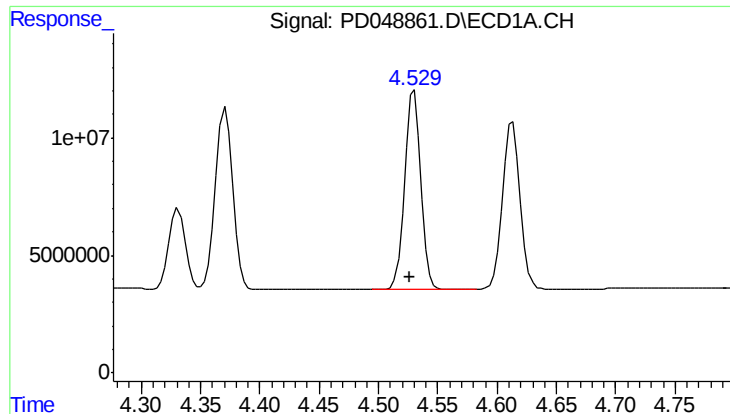
#6 beta-BHC

R.T.: 4.331 min  
Delta R.T.: 0.004 min  
Response: 33184687  
Conc: 46.50 ng/ml



#6 beta-BHC

R.T.: 4.790 min  
Delta R.T.: 0.000 min  
Response: 424409533  
Conc: 50.96 ng/ml



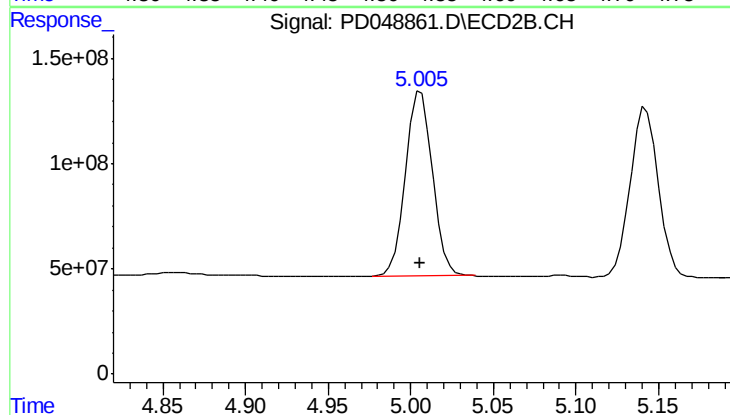
#7 delta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.004 min  
Response: 81639798  
Conc: 46.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

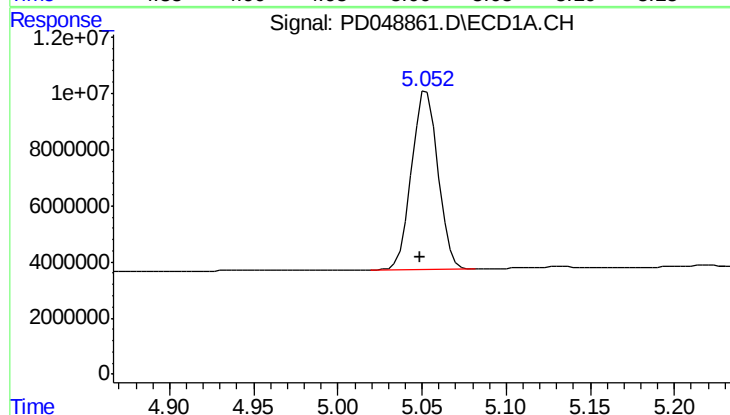
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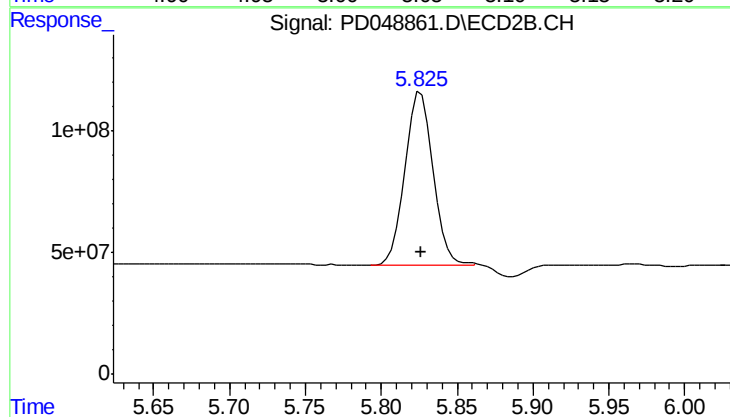
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 998899034  
Conc: 53.31 ng/ml



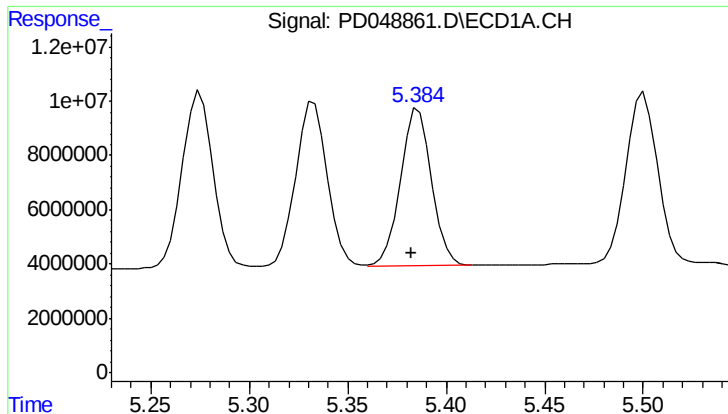
#8 Heptachlor epoxide

R.T.: 5.052 min  
Delta R.T.: 0.002 min  
Response: 69318077  
Conc: 45.22 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.826 min  
Delta R.T.: 0.000 min  
Response: 908995156  
Conc: 52.34 ng/ml



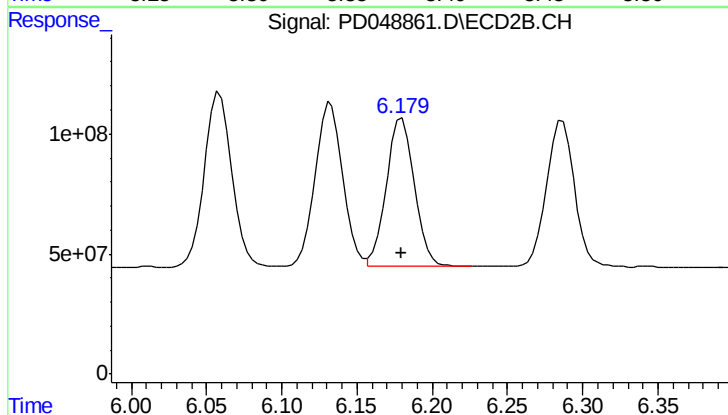
#9 Endosulfan I

R.T.: 5.384 min  
Delta R.T.: 0.002 min  
Response: 63947473  
Conc: 44.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

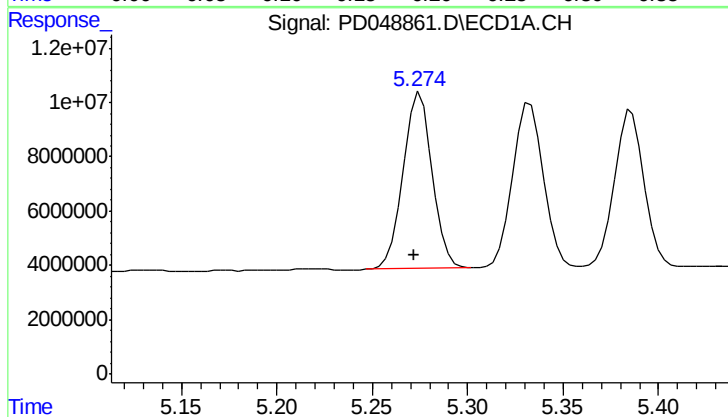
Manual Integrations  
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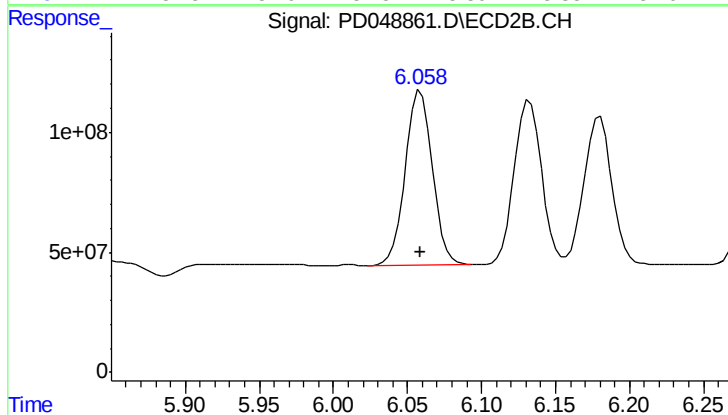
#9 Endosulfan I

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 803635346  
Conc: 47.79 ng/ml



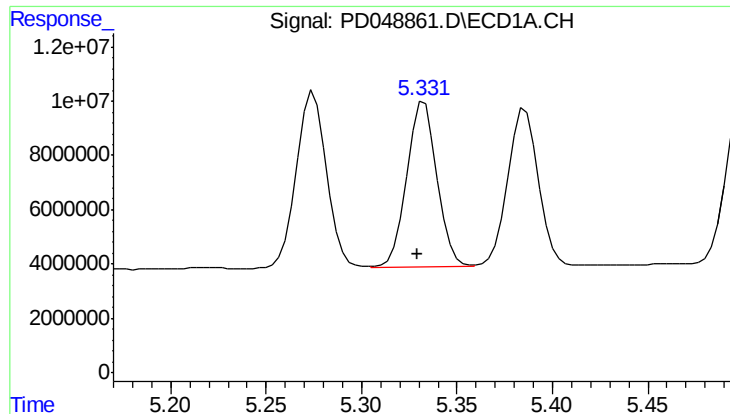
#10 gamma-Chlordane

R.T.: 5.274 min  
Delta R.T.: 0.002 min  
Response: 70090127  
Conc: 45.20 ng/ml m



#10 gamma-Chlordane

R.T.: 6.059 min  
Delta R.T.: 0.000 min  
Response: 915123690  
Conc: 49.21 ng/ml



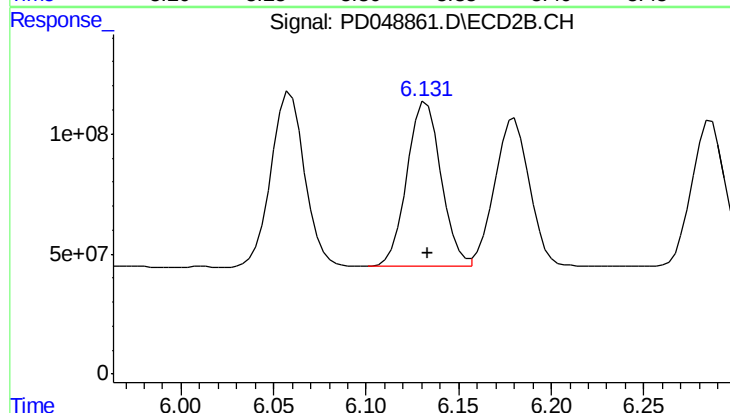
#11 alpha-Chlordane

R.T.: 5.331 min  
Delta R.T.: 0.002 min  
Response: 67856020  
Conc: 44.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

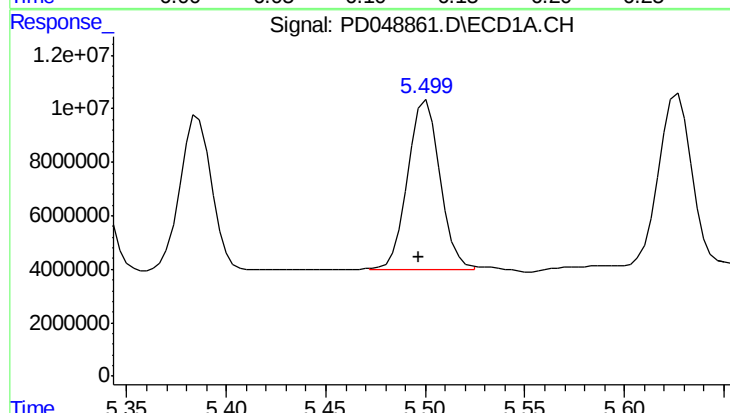
Manual Integrations  
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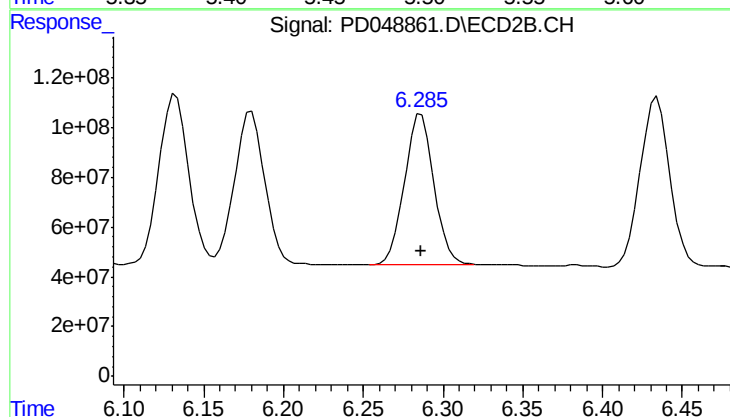
#11 alpha-Chlordane

R.T.: 6.132 min  
Delta R.T.: 0.000 min  
Response: 879266098  
Conc: 48.87 ng/ml



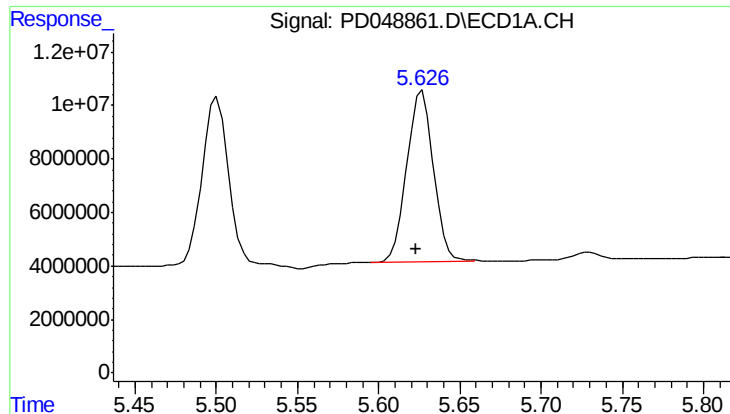
#12 4,4'-DDE

R.T.: 5.499 min  
Delta R.T.: 0.003 min  
Response: 71862472  
Conc: 46.06 ng/ml m



#12 4,4'-DDE

R.T.: 6.286 min  
Delta R.T.: 0.000 min  
Response: 779191587  
Conc: 49.11 ng/ml



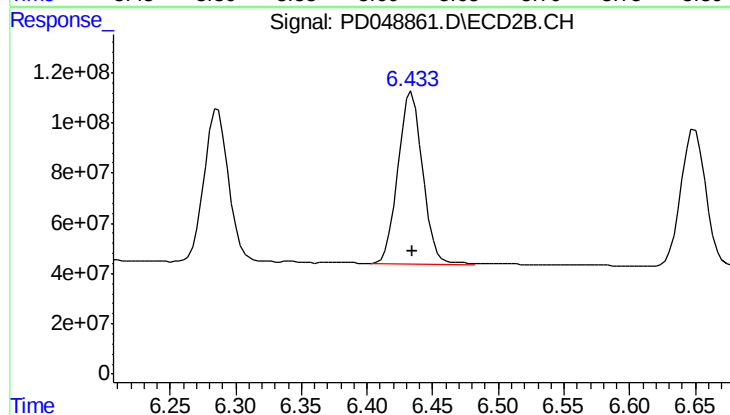
#13 Dieldrin

R.T.: 5.626 min  
Delta R.T.: 0.003 min  
Response: 73336608  
Conc: 44.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

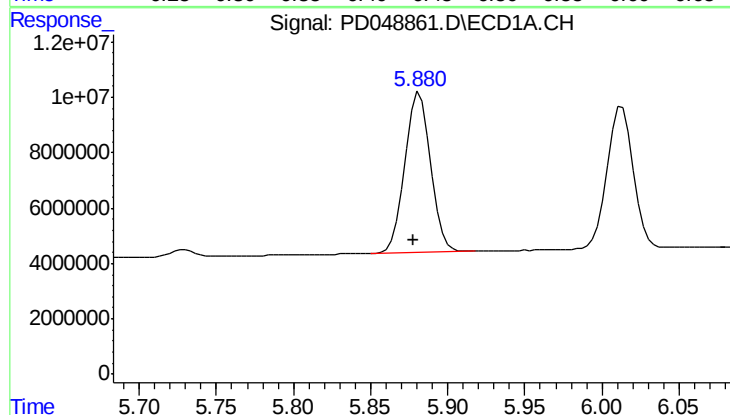
Manual Integrations  
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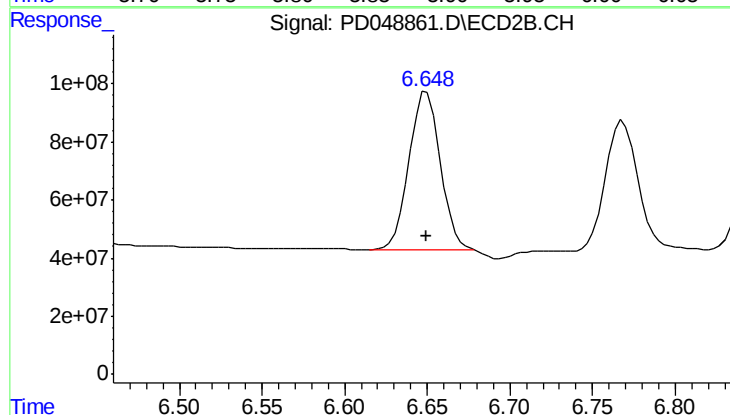
#13 Dieldrin

R.T.: 6.434 min  
Delta R.T.: 0.000 min  
Response: 898997301  
Conc: 47.95 ng/ml



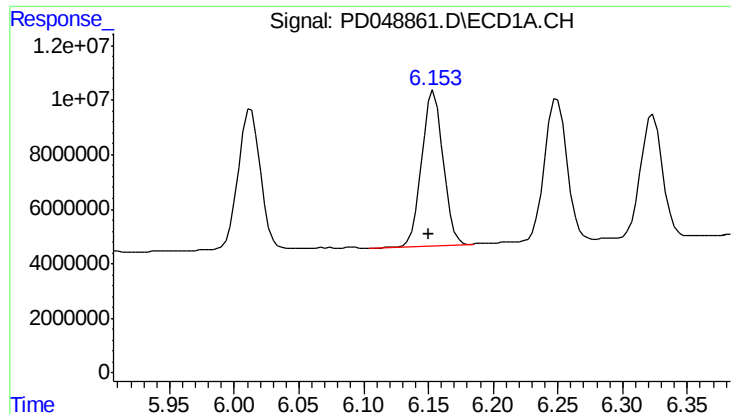
#14 Endrin

R.T.: 5.880 min  
Delta R.T.: 0.003 min  
Response: 67619947  
Conc: 42.35 ng/ml m



#14 Endrin

R.T.: 6.648 min  
Delta R.T.: 0.000 min  
Response: 714278696  
Conc: 44.04 ng/ml m



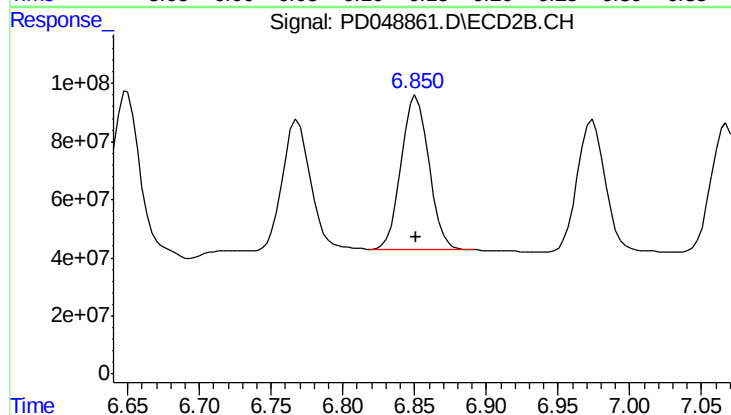
#15 Endosulfan II

R.T.: 6.154 min  
Delta R.T.: 0.004 min  
Response: 65255269  
Conc: 45.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

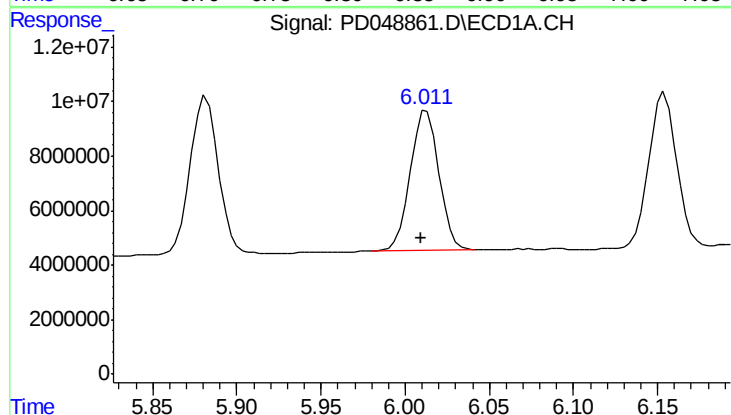
Manual Integrations  
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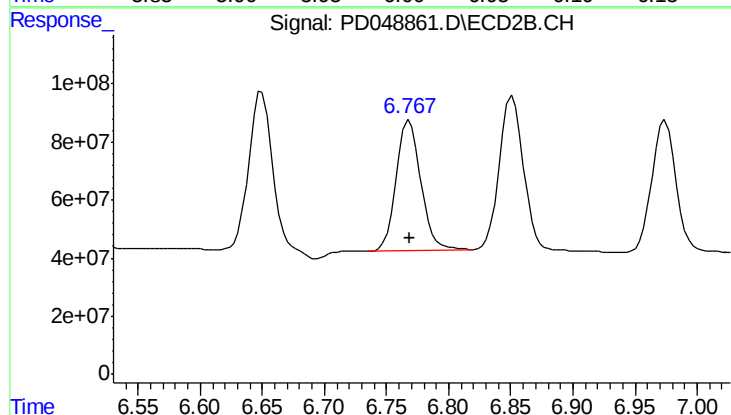
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 719244274  
Conc: 45.18 ng/ml



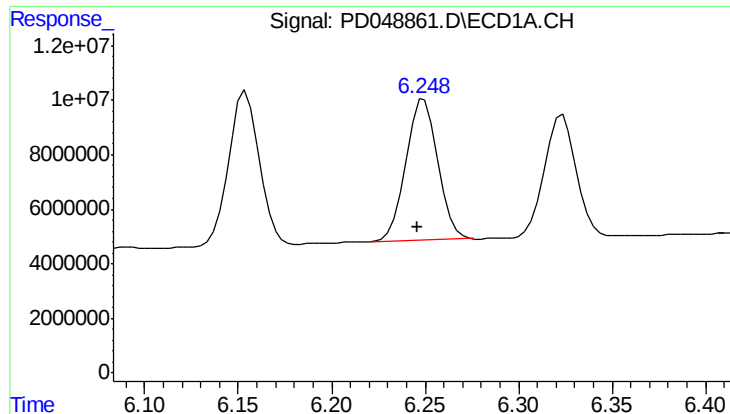
#16 4,4'-DDD

R.T.: 6.011 min  
Delta R.T.: 0.002 min  
Response: 60673322  
Conc: 43.27 ng/ml m



#16 4,4'-DDD

R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 623705140  
Conc: 49.17 ng/ml



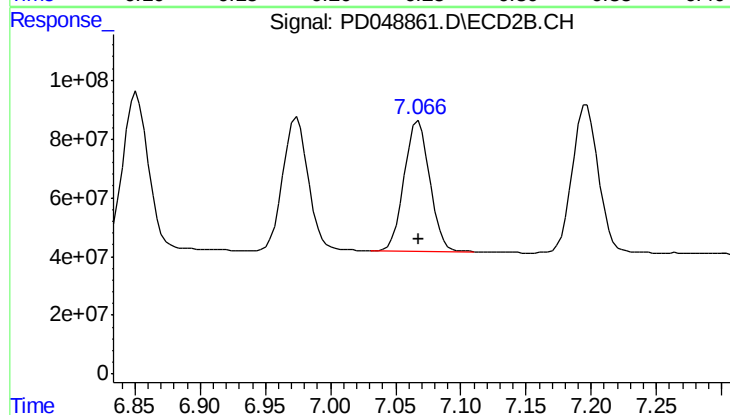
#17 4,4'-DDT

R.T.: 6.248 min  
Delta R.T.: 0.002 min  
Response: 61880267  
Conc: 43.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

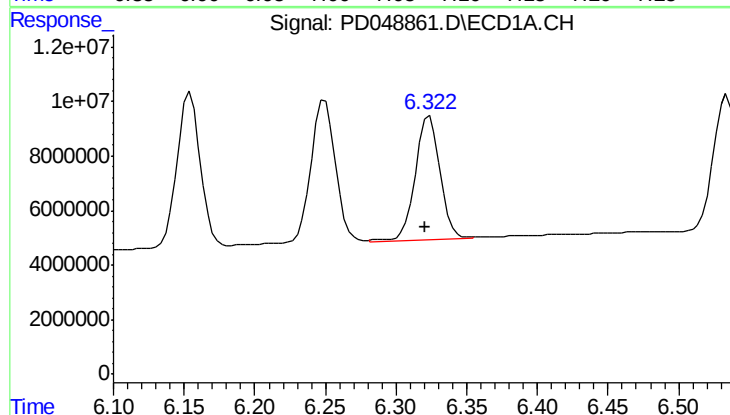
Manual Integrations  
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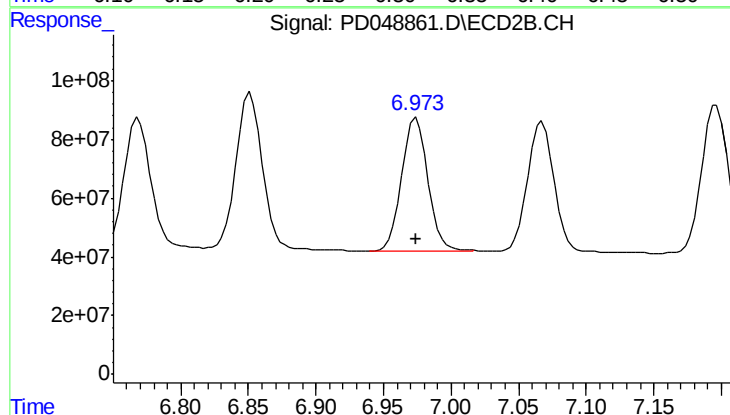
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 602361114  
Conc: 46.85 ng/ml



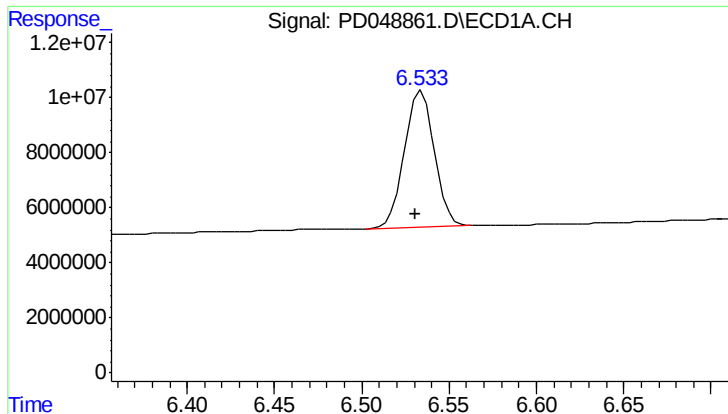
#18 Endrin aldehyde

R.T.: 6.324 min  
Delta R.T.: 0.003 min  
Response: 55853513  
Conc: 46.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min  
Delta R.T.: 0.000 min  
Response: 622505687  
Conc: 46.82 ng/ml



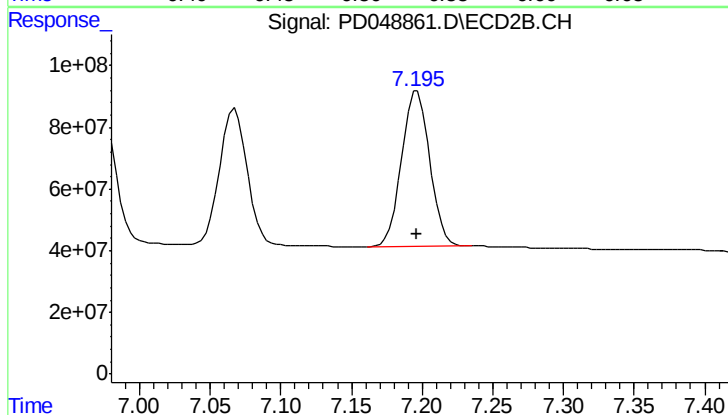
#19 Endosulfan Sulfate

R.T.: 6.533 min  
Delta R.T.: 0.002 min  
Response: 58643090  
Conc: 44.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

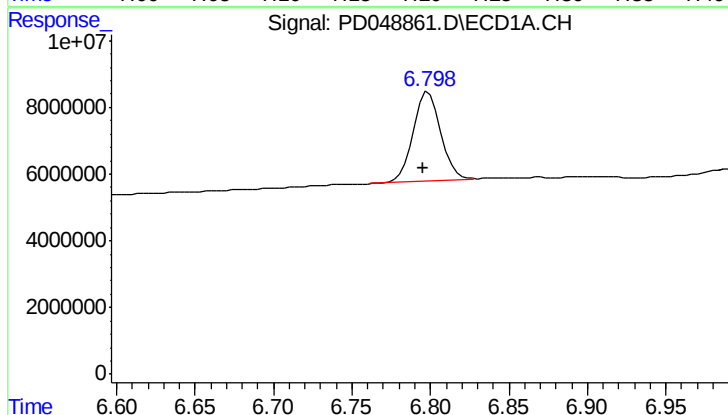
Manual Integrations  
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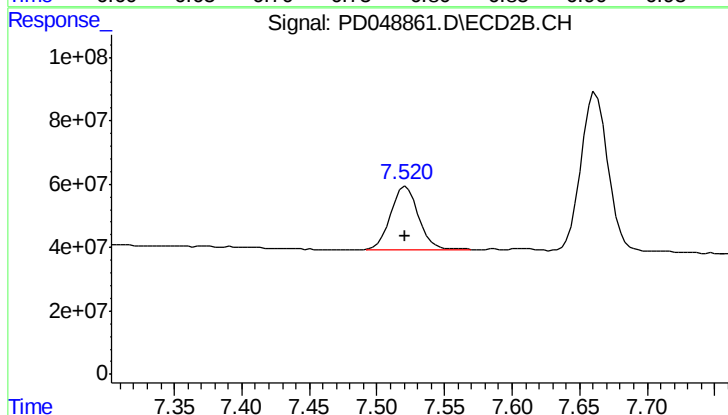
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: 0.000 min  
Response: 693975343  
Conc: 44.28 ng/ml



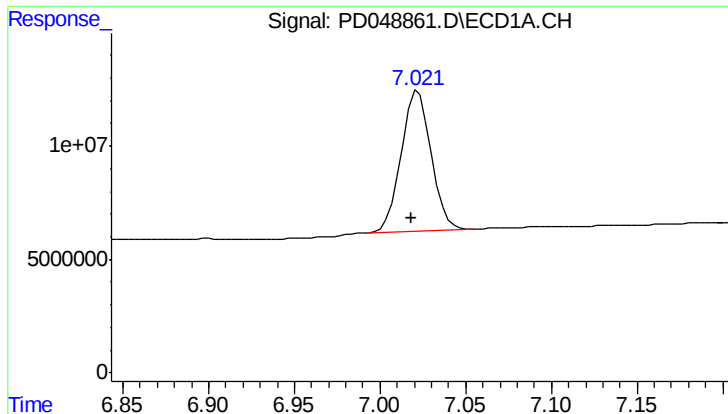
#20 Methoxychlor

R.T.: 6.798 min  
Delta R.T.: 0.002 min  
Response: 32947047  
Conc: 42.30 ng/ml m



#20 Methoxychlor

R.T.: 7.521 min  
Delta R.T.: 0.000 min  
Response: 281900956  
Conc: 46.72 ng/ml



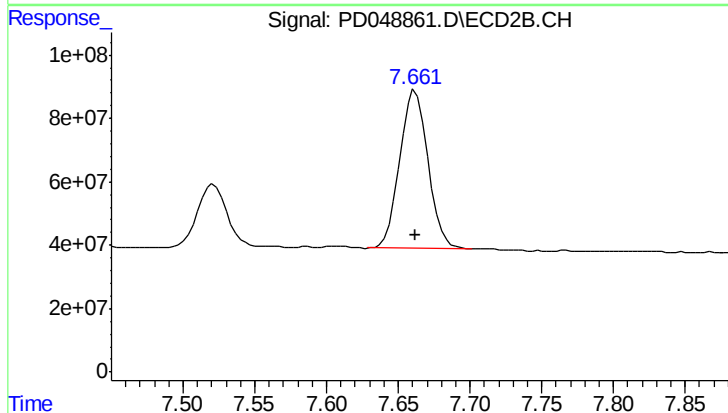
#21 Endrin ketone

R.T.: 7.021 min  
Delta R.T.: 0.002 min  
Response: 75892669  
Conc: 44.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

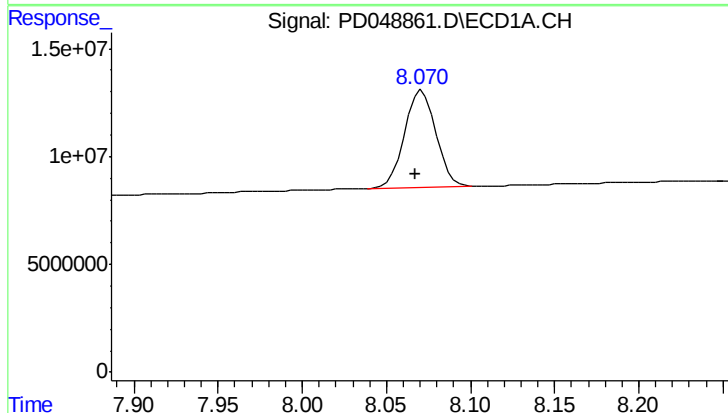
Manual Integrations  
APPROVED

Sohil  
8/14/2018 1:31:46 PM



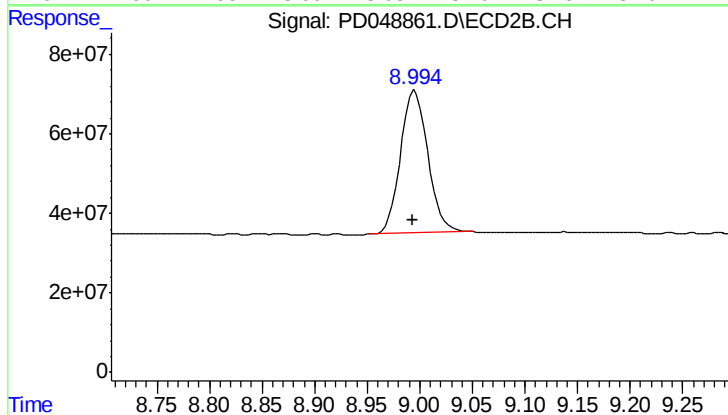
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: 0.000 min  
Response: 680450493  
Conc: 44.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: 0.003 min  
Response: 58098536  
Conc: 41.49 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.995 min  
Delta R.T.: 0.001 min  
Response: 651473014  
Conc: 43.14 ng/ml