

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD072718\  
 Data File : PD048581.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 27 Jul 2018 22:28  
 Operator : AJ\SJ  
 Sample : J4086-17  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 1517

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 01 14:53:45 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072718.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 28 00:24:24 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 | 3.965 | 26640595 | 625.9E6   | 22.721   | 39.045 #  |
| 28)                         | SA Decachlor... | 8.070 | 8.996 | 35208395 | 406.3E6   | 23.058   | 23.953    |
| Target Compounds            |                 |       |       |          |           |          |           |
| 2)                          | A alpha-BHC     | 3.803 | 4.346 | 2630.6E6 | 22908.2E6 | 1290.823 | 827.316 # |
| 3)                          | MA gamma-BHC... | 4.081 | 4.630 | 3069.4E6 | 21988.4E6 | 1614.894 | 881.003 # |
| 4)                          | MA Heptachlor   | 4.369 | 5.148 | 1712.1E6 | 11994.6E6 | 942.727  | 541.668 # |
| 5)                          | MB Aldrin       | 4.612 | 5.451 | 2650.9E6 | 22143.1E6 | 1510.139 | 894.061 # |
| 6)                          | B beta-BHC      | 4.329 | 4.794 | 1241.5E6 | 9274.8E6  | 1633.211 | 927.977 # |
| 7)                          | B delta-BHC     | 4.528 | 5.006 | 1555.9E6 | 11693.1E6 | 818.690  | 533.001 # |
| 9)                          | A Endosulfan I  | 5.384 | 6.182 | 1519.4E6 | 14516.5E6 | 997.477  | 710.556 # |
| 10)                         | B gamma-Chl...  | 5.273 | 6.061 | 1849.7E6 | 16331.8E6 | 1110.141 | 716.079 # |
| 11)                         | B alpha-Chl...  | 5.331 | 6.134 | 1804.2E6 | 15664.5E6 | 1115.531 | 712.712 # |
| 12)                         | B 4,4'-DDE      | 5.499 | 6.288 | 1225.2E6 | 11416.0E6 | 725.944  | 586.708   |
| 13)                         | MA Dieldrin     | 5.625 | 6.436 | 2537.4E6 | 18886.5E6 | 1449.245 | 849.903 # |
| 14)                         | MA Endrin       | 5.880 | 6.651 | 1977.6E6 | 12421.0E6 | 1169.461 | 649.922 # |
| 15)                         | B Endosulfa...  | 6.153 | 6.853 | 2668.6E6 | 17048.7E6 | 1730.453 | 928.907 # |
| 16)                         | A 4,4'-DDD      | 6.011 | 6.770 | 1355.2E6 | 10999.2E6 | 932.769  | 746.108   |
| 17)                         | MA 4,4'-DDT     | 6.248 | 7.069 | 1406.3E6 | 11828.0E6 | 917.104  | 772.018   |
| 18)                         | B Endrin al...  | 6.322 | 6.976 | 1634.2E6 | 13020.9E6 | 1285.664 | 861.945 # |
| 19)                         | B Endosulfa...  | 6.533 | 7.197 | 875.2E6  | 8724.0E6  | 614.663  | 483.099m  |
| 20)                         | A Methoxychlor  | 6.798 | 7.522 | 1077.0E6 | 7374.8E6  | 1265.789 | 996.947   |
| -----                       |                 |       |       |          |           |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD D\Data\PD072718\  
Data File : PD048581.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 27 Jul 2018 22:28  
Operator : AJ\SJ  
Sample : J4086-17  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

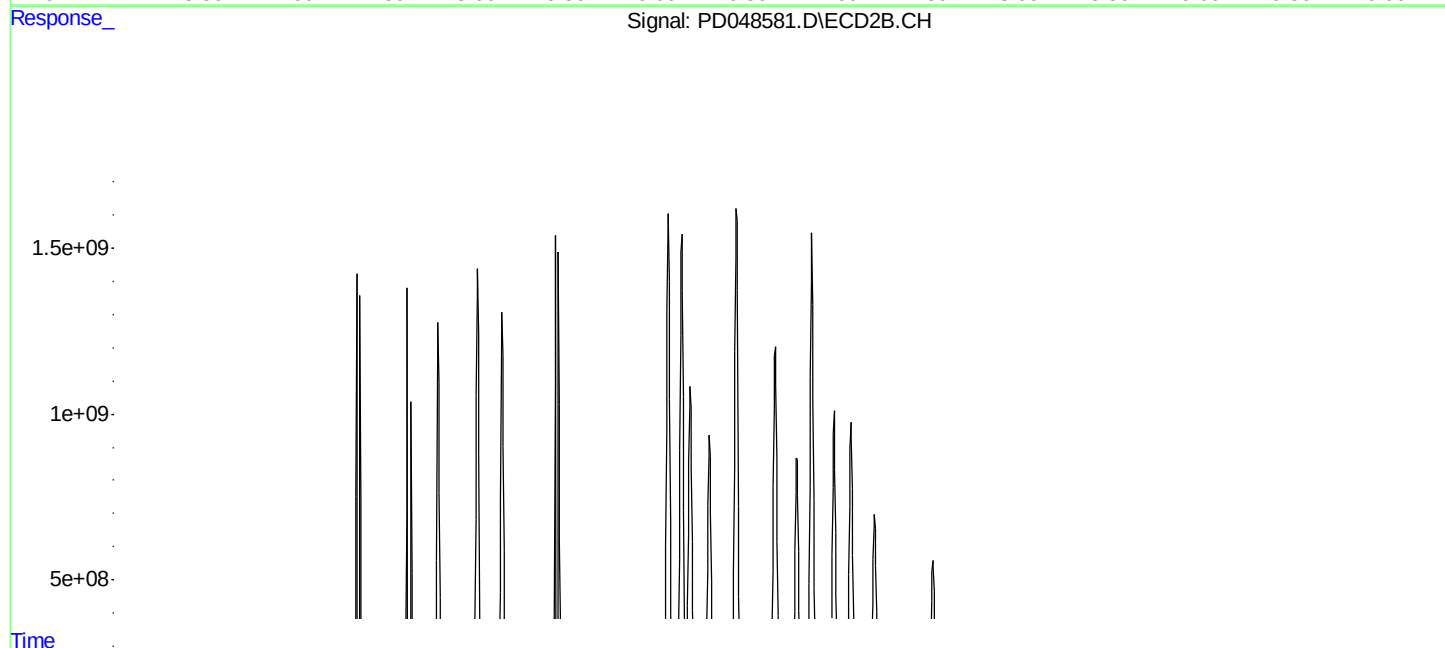
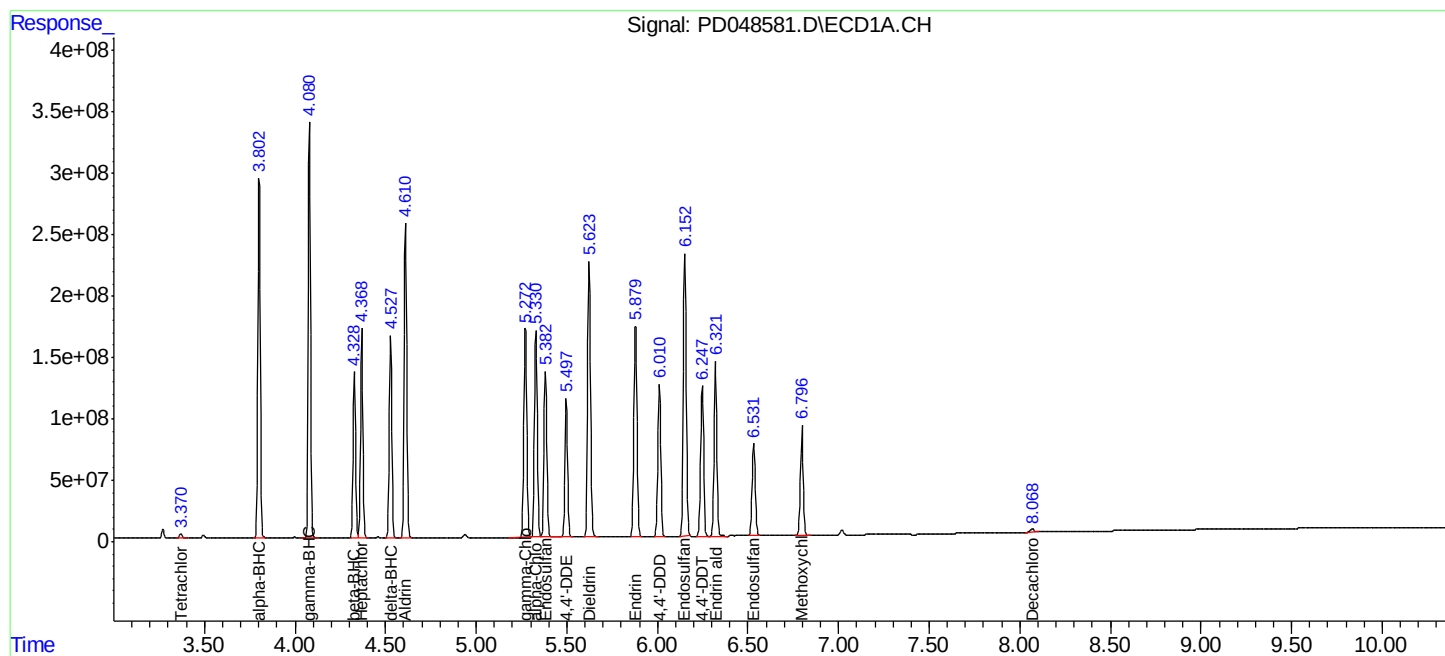
Instrument :  
ECD\_D  
ClientSampled :  
1517

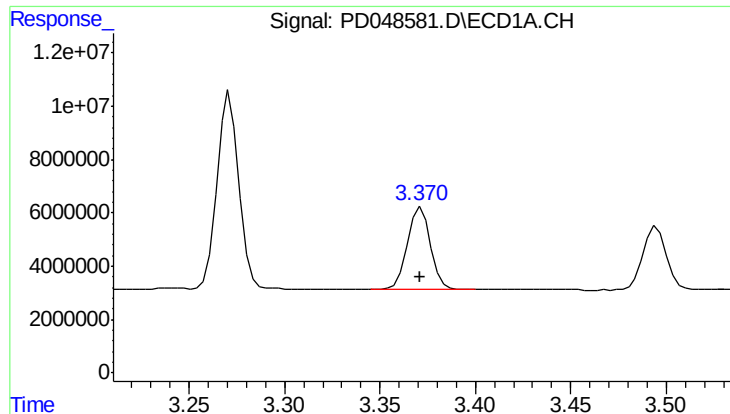
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 14:53:45 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072718.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 28 00:24:24 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





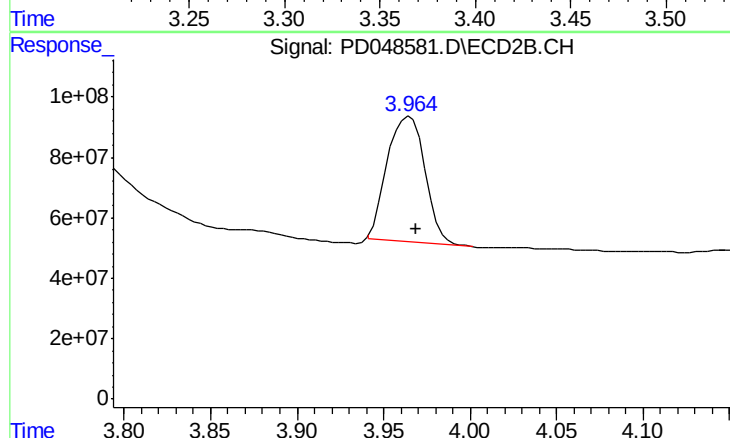
#1 Tetrachloro-m-xylene

R.T.: 3.372 min  
Delta R.T.: 0.000 min  
Response: 26640595  
Conc: 22.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

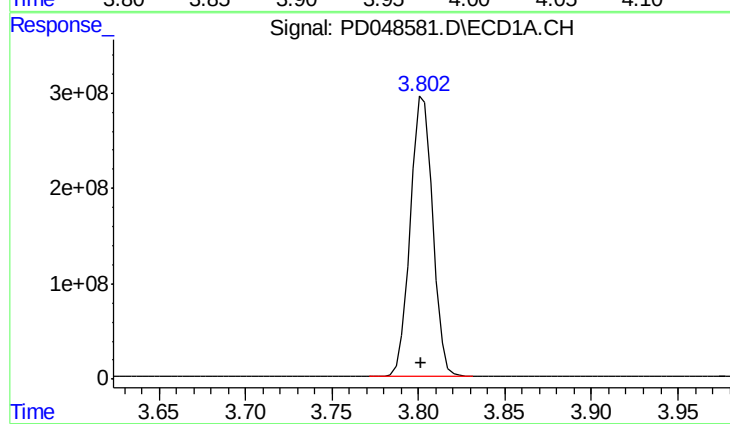
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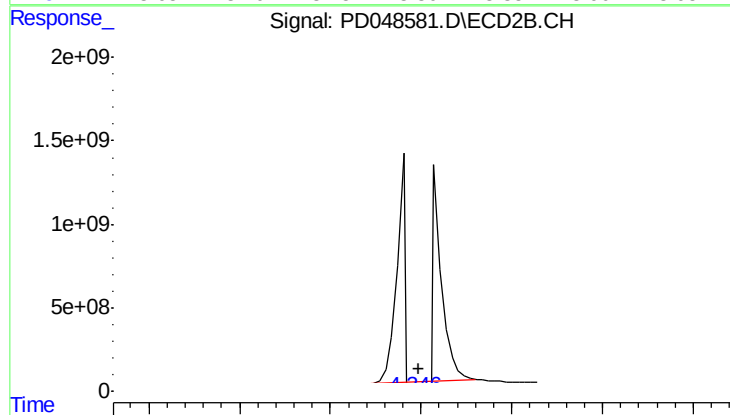
#1 Tetrachloro-m-xylene

R.T.: 3.965 min  
Delta R.T.: -0.003 min  
Response: 625895691  
Conc: 39.04 ng/ml



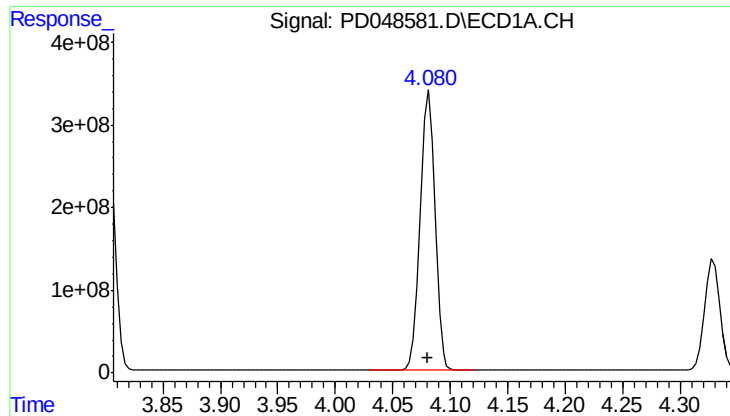
#2 alpha-BHC

R.T.: 3.803 min  
Delta R.T.: 0.001 min  
Response: 2630609899  
Conc: 1290.82 ng/ml



#2 alpha-BHC

R.T.: 4.346 min  
Delta R.T.: -0.002 min  
Response: 22908235829  
Conc: 827.32 ng/ml



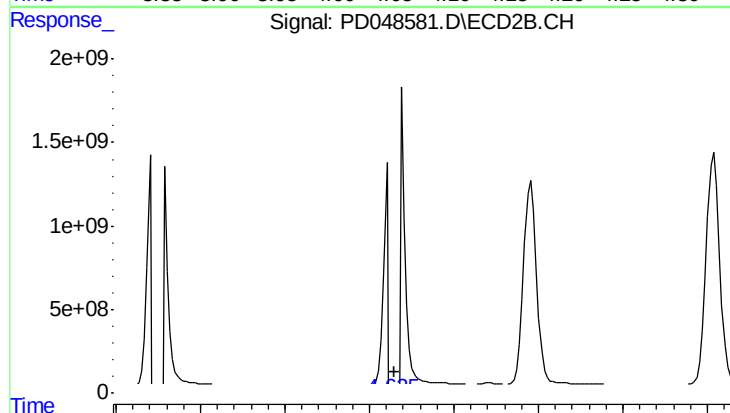
#3 gamma-BHC (Lindane)

R.T.: 4.081 min  
Delta R.T.: 0.001 min  
Response: 3069424950  
Conc: 1614.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

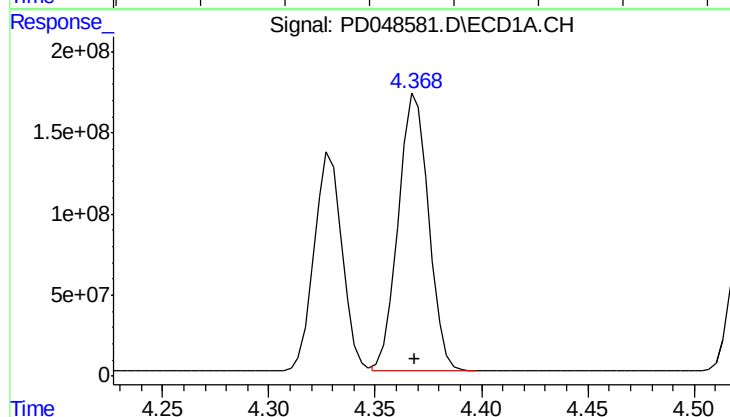
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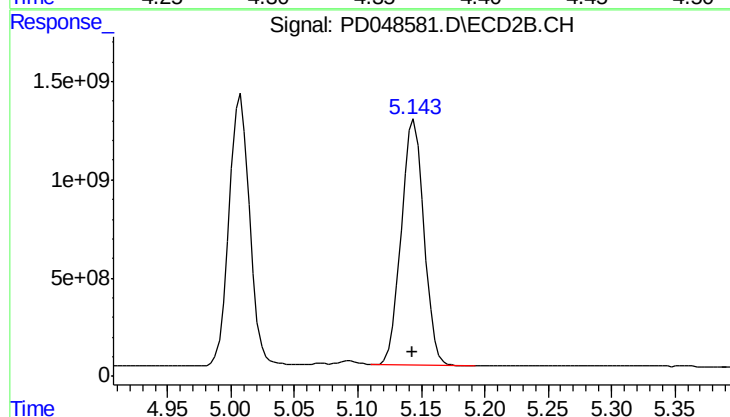
#3 gamma-BHC (Lindane)

R.T.: 4.630 min  
Delta R.T.: 0.000 min  
Response: 21988375614  
Conc: 881.00 ng/ml



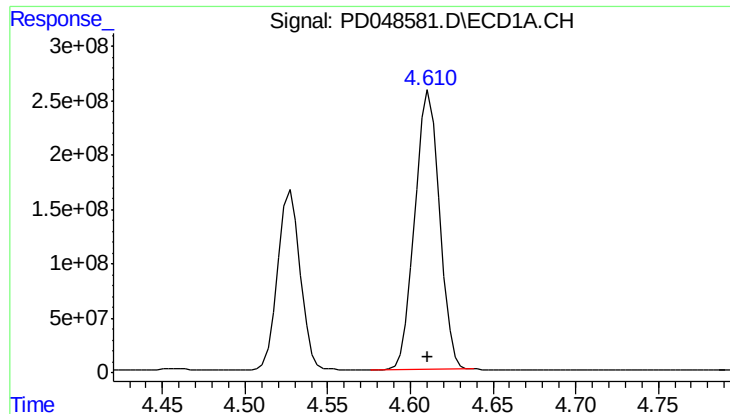
#4 Heptachlor

R.T.: 4.369 min  
Delta R.T.: 0.000 min  
Response: 1712070972  
Conc: 942.73 ng/ml



#4 Heptachlor

R.T.: 5.148 min  
Delta R.T.: 0.005 min  
Response: 11994634029  
Conc: 541.67 ng/ml



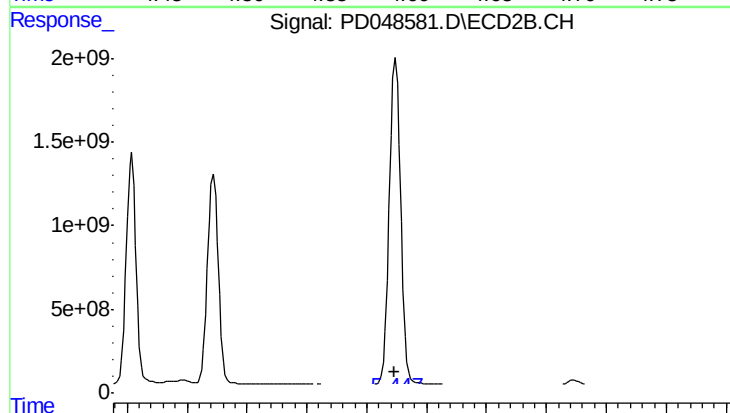
#5 Aldrin

R.T.: 4.612 min  
Delta R.T.: 0.001 min  
Response: 2650860860  
Conc: 1510.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

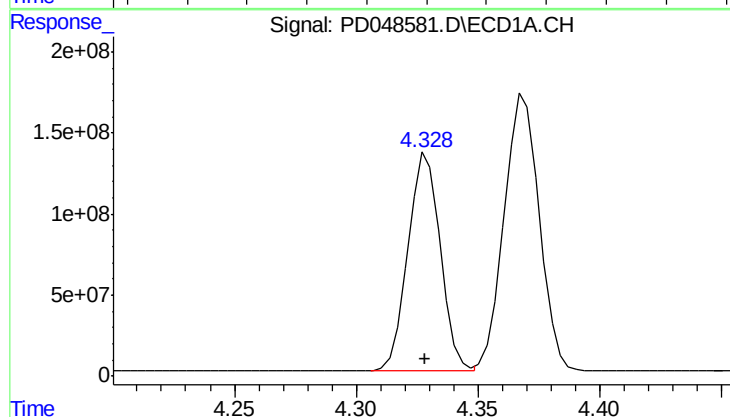
Manual Integrations  
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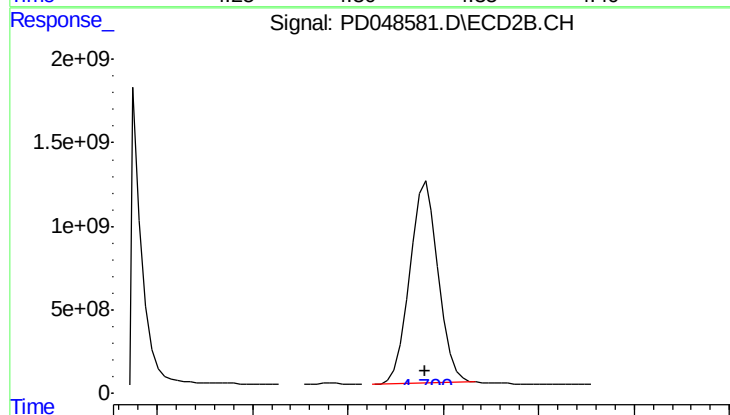
#5 Aldrin

R.T.: 5.451 min  
Delta R.T.: 0.004 min  
Response: 22143092910  
Conc: 894.06 ng/ml



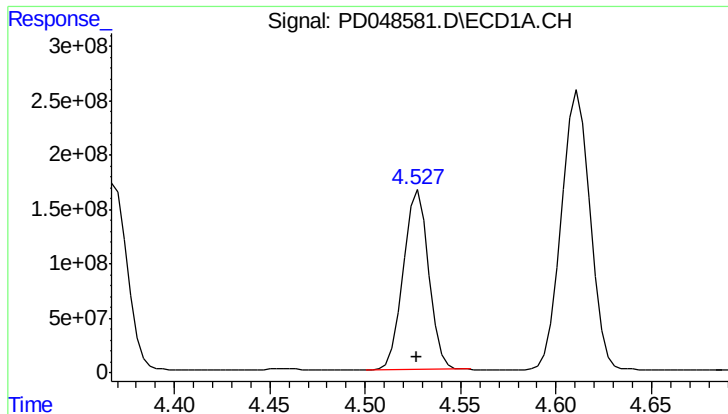
#6 beta-BHC

R.T.: 4.329 min  
Delta R.T.: 0.001 min  
Response: 1241533480  
Conc: 1633.21 ng/ml



#6 beta-BHC

R.T.: 4.794 min  
Delta R.T.: 0.004 min  
Response: 9274791548  
Conc: 927.98 ng/ml



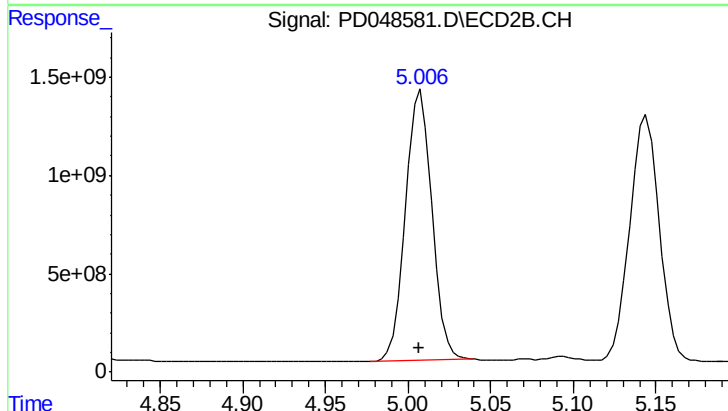
#7 delta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 1555854555  
Conc: 818.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

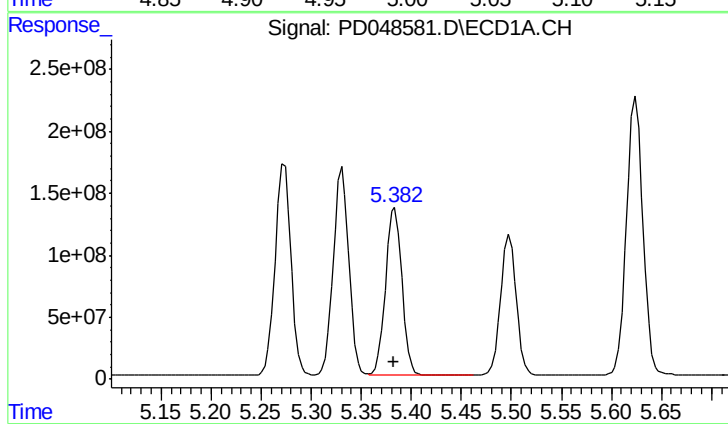
Manual Integrations  
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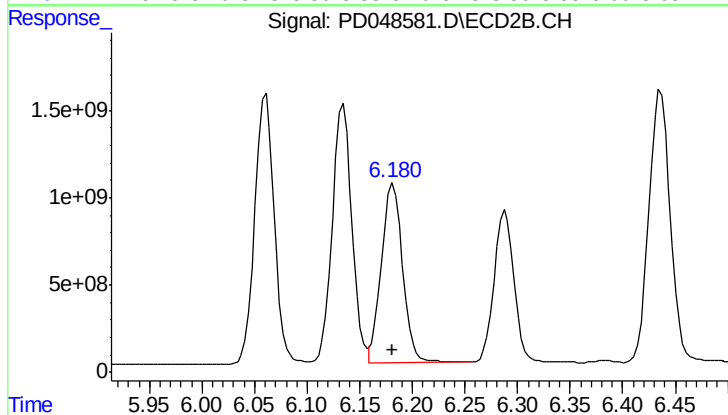
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 11693101541  
Conc: 533.00 ng/ml



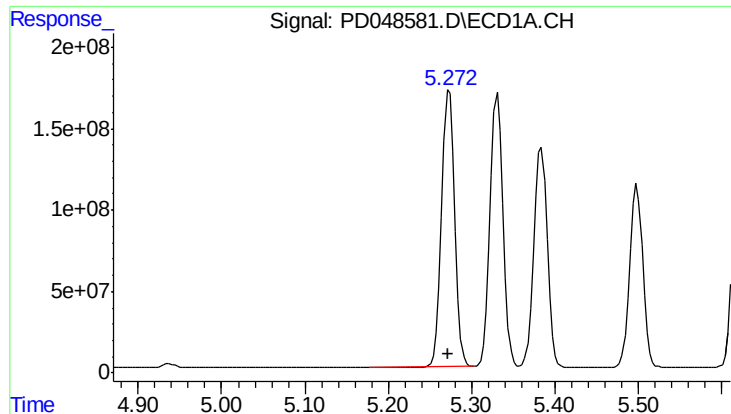
#9 Endosulfan I

R.T.: 5.384 min  
Delta R.T.: 0.001 min  
Response: 1519424804  
Conc: 997.48 ng/ml



#9 Endosulfan I

R.T.: 6.182 min  
Delta R.T.: 0.000 min  
Response: 14516458798  
Conc: 710.56 ng/ml



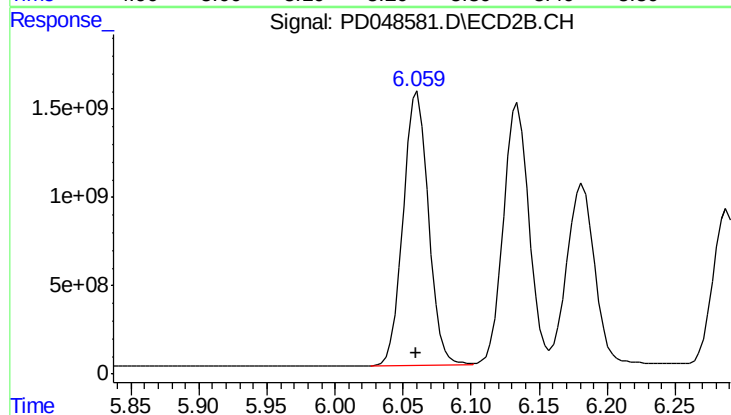
#10 gamma-Chlordane

R.T.: 5.273 min  
Delta R.T.: 0.001 min  
Response: 1849704068  
Conc: 1110.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

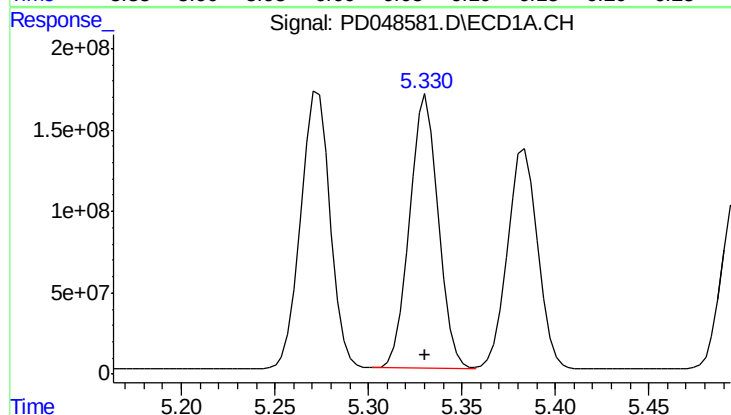
Manual Integrations  
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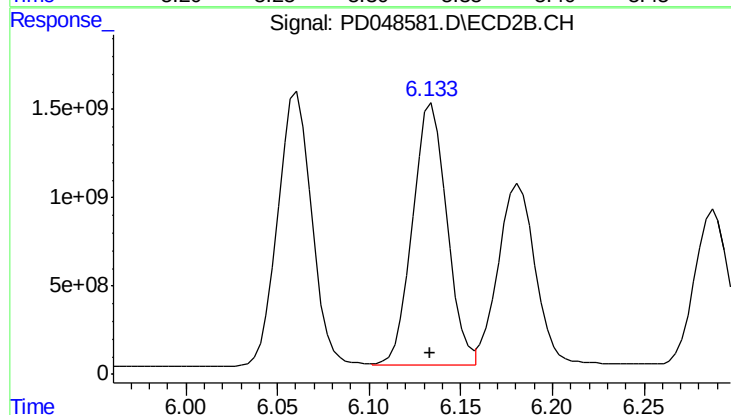
#10 gamma-Chlordane

R.T.: 6.061 min  
Delta R.T.: 0.000 min  
Response: 16331785391  
Conc: 716.08 ng/ml



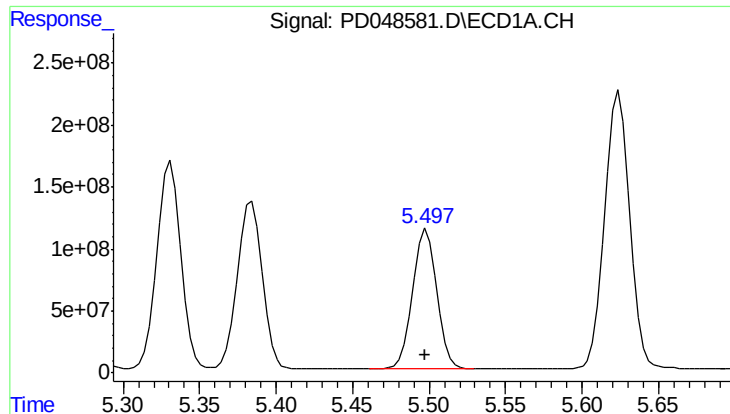
#11 alpha-Chlordane

R.T.: 5.331 min  
Delta R.T.: 0.000 min  
Response: 1804210540  
Conc: 1115.53 ng/ml



#11 alpha-Chlordane

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 15664529018  
Conc: 712.71 ng/ml



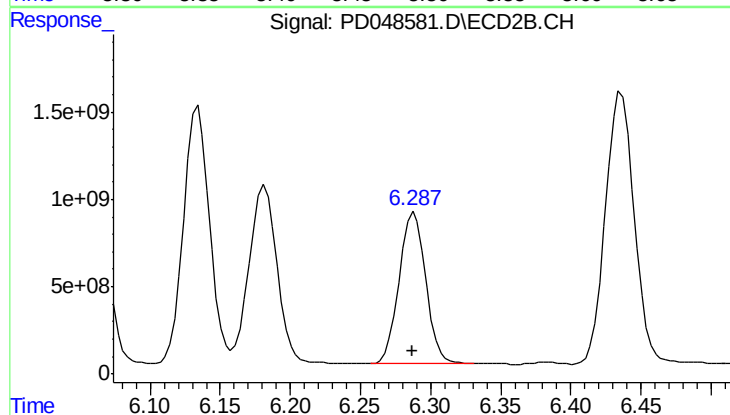
#12 4,4'-DDE

R.T.: 5.499 min  
Delta R.T.: 0.001 min  
Response: 1225193131  
Conc: 725.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

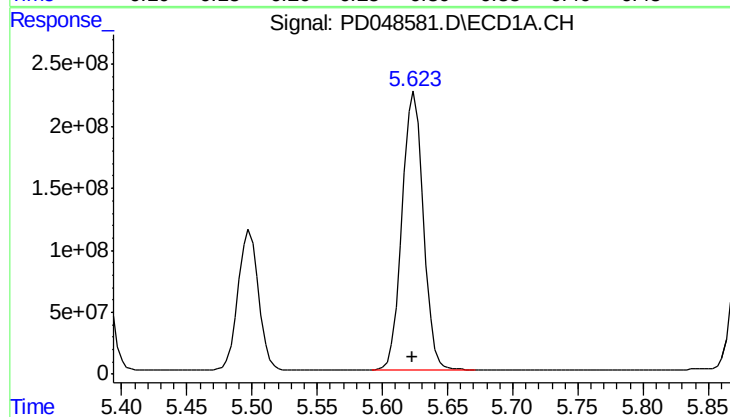
Manual Integrations  
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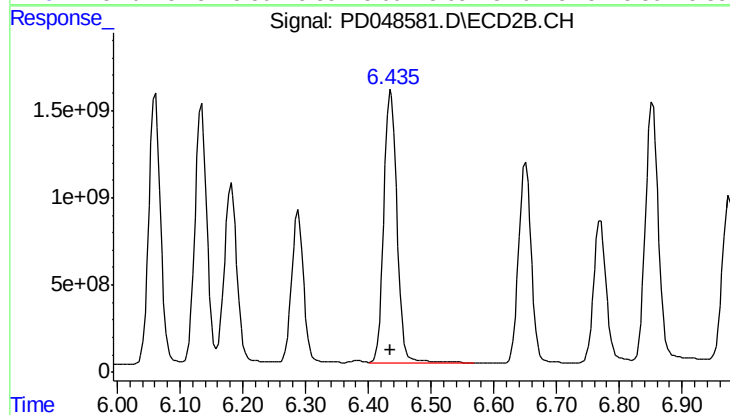
#12 4,4'-DDE

R.T.: 6.288 min  
Delta R.T.: 0.001 min  
Response: 11415956585  
Conc: 586.71 ng/ml



#13 Dieldrin

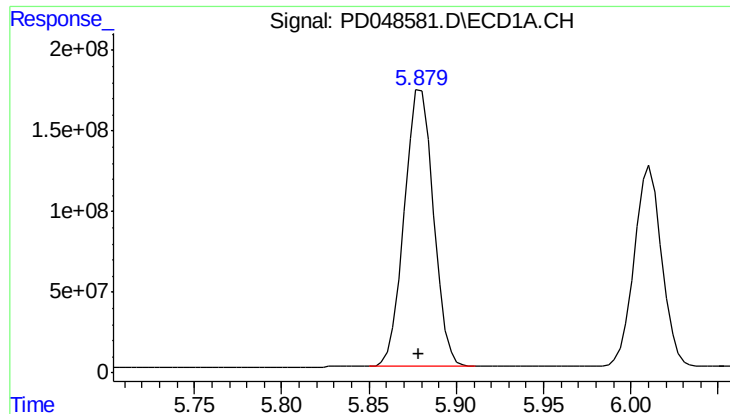
R.T.: 5.625 min  
Delta R.T.: 0.001 min  
Response: 2537381816  
Conc: 1449.25 ng/ml



#13 Dieldrin

R.T.: 6.436 min  
Delta R.T.: 0.000 min  
Response: 18886473160  
Conc: 849.90 ng/ml





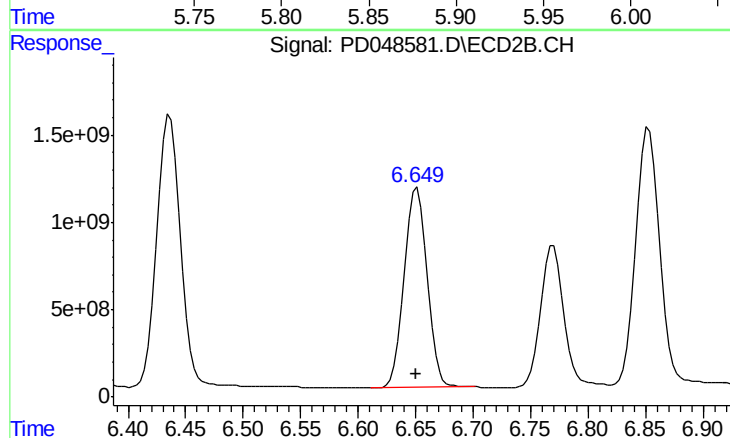
#14 Endrin

R.T.: 5.880 min  
Delta R.T.: 0.001 min  
Response: 1977577923  
Conc: 1169.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

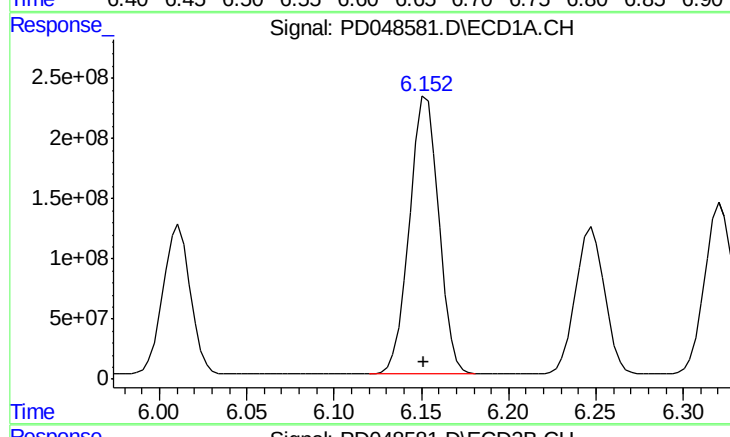
Manual Integrations  
APPROVED

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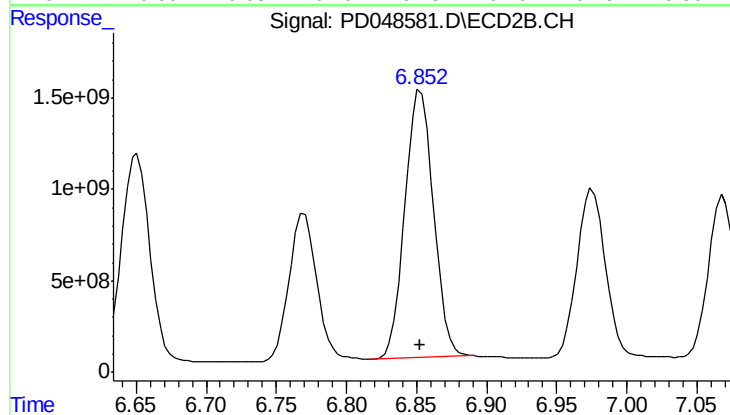
#14 Endrin

R.T.: 6.651 min  
Delta R.T.: 0.000 min  
Response: 12421037025  
Conc: 649.92 ng/ml



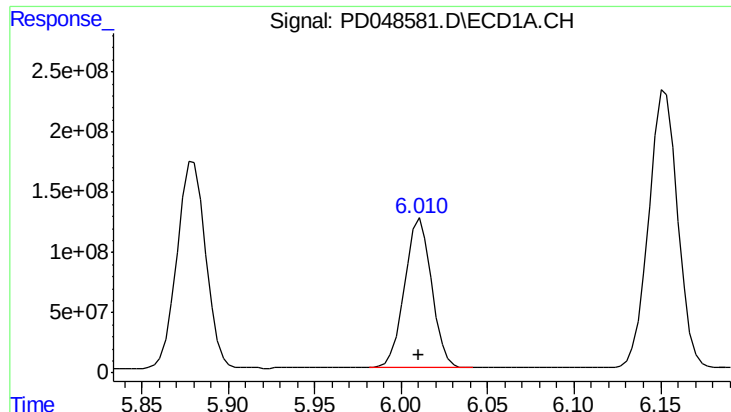
#15 Endosulfan II

R.T.: 6.153 min  
Delta R.T.: 0.002 min  
Response: 2668593050  
Conc: 1730.45 ng/ml



#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 17048679854  
Conc: 928.91 ng/ml



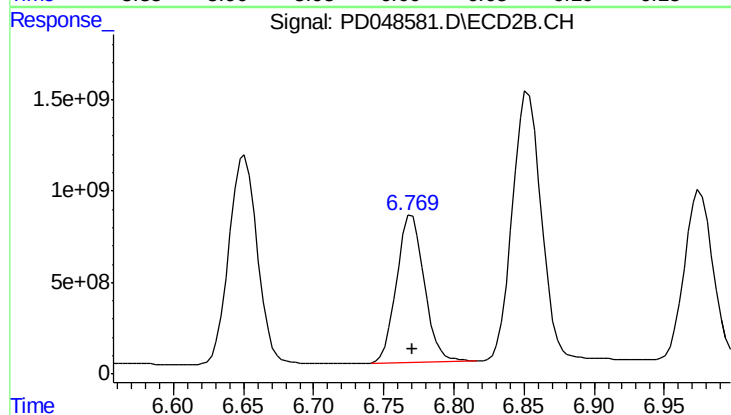
#16 4,4'-DDD

R.T.: 6.011 min  
Delta R.T.: 0.001 min  
Response: 1355201213  
Conc: 932.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

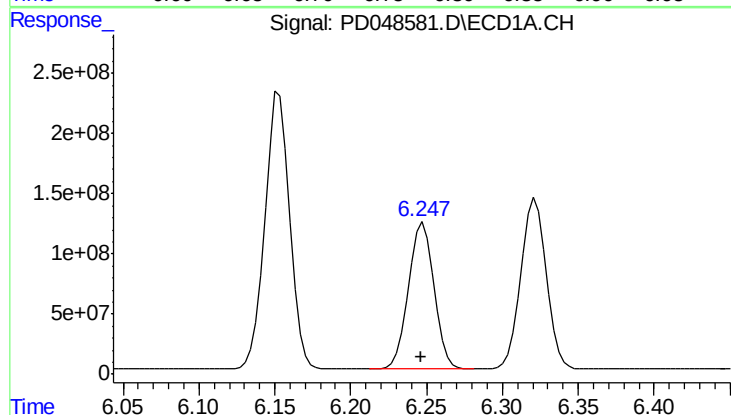
Manual Integrations  
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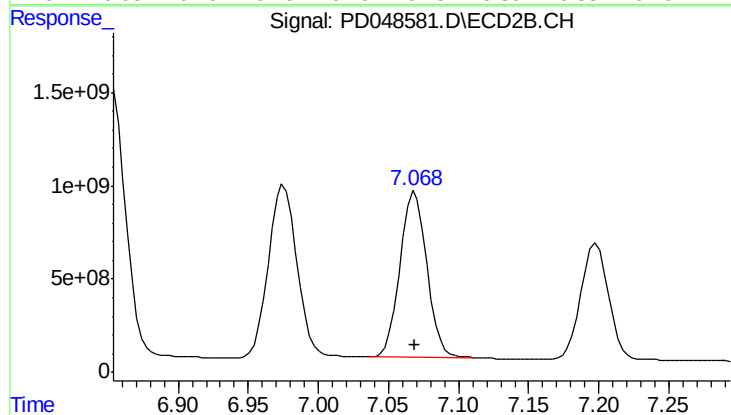
#16 4,4'-DDD

R.T.: 6.770 min  
Delta R.T.: 0.000 min  
Response: 10999186031  
Conc: 746.11 ng/ml



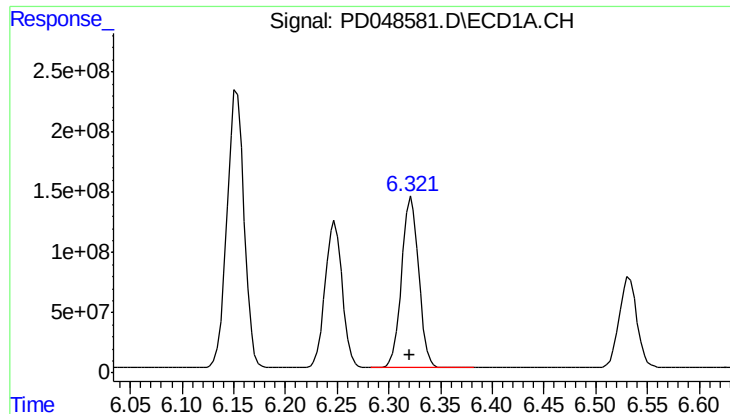
#17 4,4'-DDT

R.T.: 6.248 min  
Delta R.T.: 0.001 min  
Response: 1406271931  
Conc: 917.10 ng/ml



#17 4,4'-DDT

R.T.: 7.069 min  
Delta R.T.: 0.000 min  
Response: 11828034304  
Conc: 772.02 ng/ml



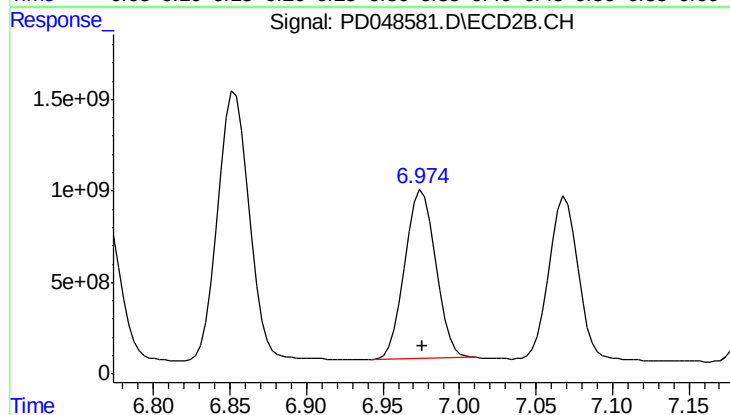
#18 Endrin aldehyde

R.T.: 6.322 min  
Delta R.T.: 0.001 min  
Response: 1634192861  
Conc: 1285.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

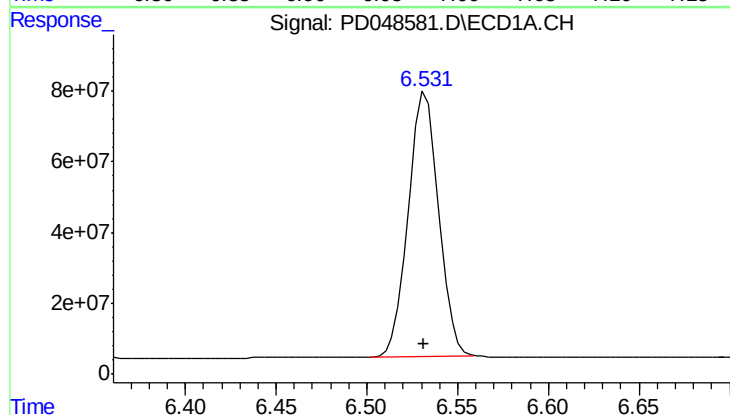
Manual Integrations  
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7/30/2018 1:27:51 PM



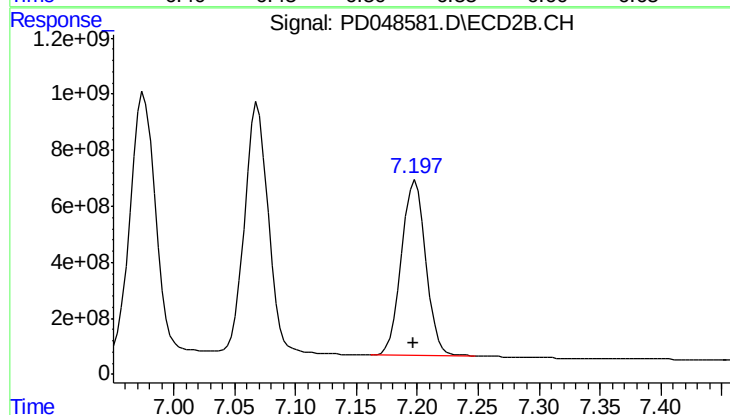
#18 Endrin aldehyde

R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 13020927363  
Conc: 861.95 ng/ml



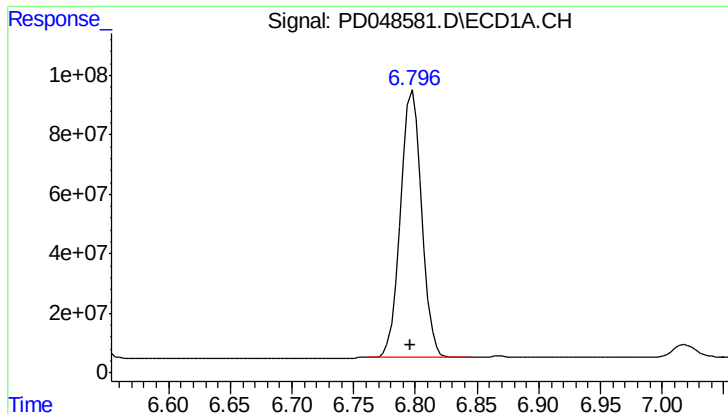
#19 Endosulfan Sulfate

R.T.: 6.533 min  
Delta R.T.: 0.001 min  
Response: 875166438  
Conc: 614.66 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: 0.000 min  
Response: 8723995953  
Conc: 483.10 ng/ml m



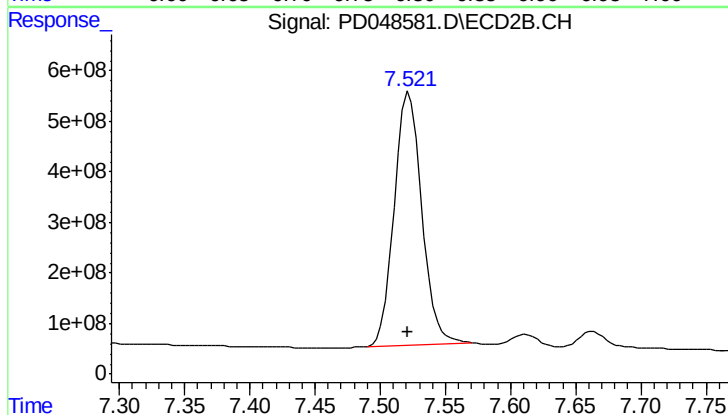
#20 Methoxychlor

R.T.: 6.798 min  
Delta R.T.: 0.002 min  
Response: 1076993537  
Conc: 1265.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
1517

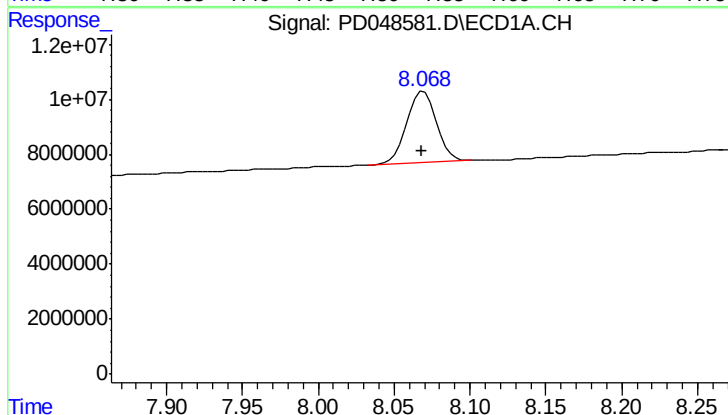
Manual Integrations  
APPROVED

Sohil  
7/30/2018 1:27:51 PM



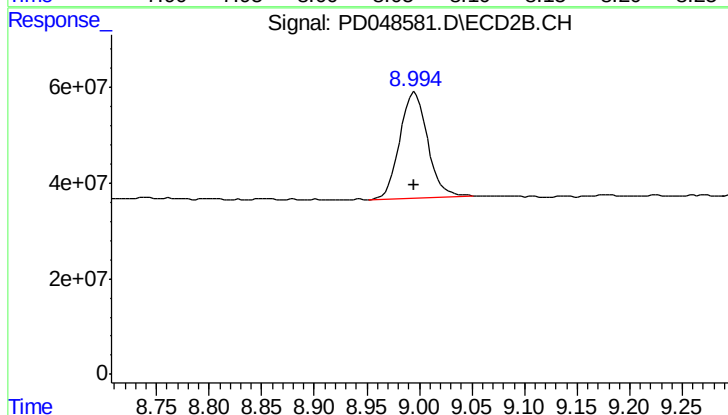
#20 Methoxychlor

R.T.: 7.522 min  
Delta R.T.: 0.000 min  
Response: 7374847724  
Conc: 996.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: 0.001 min  
Response: 35208395  
Conc: 23.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.996 min  
Delta R.T.: 0.000 min  
Response: 406328417  
Conc: 23.95 ng/ml