

Data Path : P:\HPCHEM1\ECD\_D\Data\PD040718\  
 Data File : PD046822.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Apr 2018 2:23  
 Operator : UA/AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 07 03:00:59 2018  
 Quant Method : P:\HPCHEM1\ECD\_D\Method\PD040718.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 07 02:49:37 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... | 3.430 | 4.041 | 7208331  | 136.2E6  | 5.711m | 6.367m |
| 28)                         | SA Decachlor... | 8.156 | 9.120 | 7964660  | 119.1E6  | 5.920  | 6.619m |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.867 | 4.426 | 10635788 | 209.0E6  | 5.172m | 6.278m |
| 3)                          | MA gamma-BHC... | 4.149 | 4.712 | 9946687  | 180.1E6  | 5.358  | 6.139  |
| 4)                          | MA Heptachlor   | 4.442 | 5.231 | 10013057 | 187.7E6  | 5.545  | 6.390  |
| 5)                          | MB Aldrin       | 4.686 | 5.539 | 9828091  | 177.1E6  | 5.516  | 6.364  |
| 6)                          | B beta-BHC      | 4.397 | 4.871 | 4727481  | 86478768 | 5.907  | 6.455  |
| 7)                          | B delta-BHC     | 4.598 | 5.090 | 10238132 | 194.4E6  | 5.331  | 6.354  |
| 8)                          | B Heptachlo...  | 5.128 | 5.921 | 9313548  | 168.5E6  | 5.614  | 6.560  |
| 9)                          | A Endosulfan I  | 5.464 | 6.277 | 8508502  | 145.1E6  | 5.590  | 6.354  |
| 10)                         | B gamma-Chl...  | 5.351 | 6.154 | 9134982  | 165.8E6  | 5.479  | 6.419  |
| 11)                         | B alpha-Chl...  | 5.410 | 6.229 | 9011311  | 158.9E6  | 5.564  | 6.400  |
| 12)                         | B 4,4'-DDE      | 5.577 | 6.380 | 9301106  | 156.0E6  | 5.573  | 6.343  |
| 13)                         | MA Dieldrin     | 5.706 | 6.531 | 9493163  | 155.0E6  | 5.460  | 6.277m |
| 14)                         | MA Endrin       | 5.963 | 6.749 | 8386161  | 118.1E6  | 5.559  | 6.186  |
| 15)                         | B Endosulfa...  | 6.235 | 6.950 | 8773398  | 140.1E6  | 5.730  | 6.612  |
| 16)                         | A 4,4'-DDD      | 6.090 | 6.864 | 7545089  | 128.6E6  | 5.456  | 6.439  |
| 17)                         | MA 4,4'-DDT     | 6.329 | 7.164 | 7151086  | 107.0E6  | 5.240  | 5.794  |
| 18)                         | B Endrin al...  | 6.405 | 7.072 | 7017383  | 115.8E6  | 5.712  | 6.521m |
| 19)                         | B Endosulfa...  | 6.616 | 7.295 | 7607947  | 130.4E6  | 5.604  | 6.458m |
| 20)                         | A Methoxychlor  | 6.877 | 7.615 | 4103377  | 62026655 | 5.576m | 6.449m |
| 21)                         | B Endrin ke...  | 7.107 | 7.765 | 9596254  | 120.5E6  | 5.679  | 6.234  |
| -----                       |                 |       |       |          |          |        |        |

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

Data Path : P:\HPCHEM1\ECD\_D\Data\PD040718\  
Data File : PD046822.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Apr 2018 2:23  
Operator : UA/AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

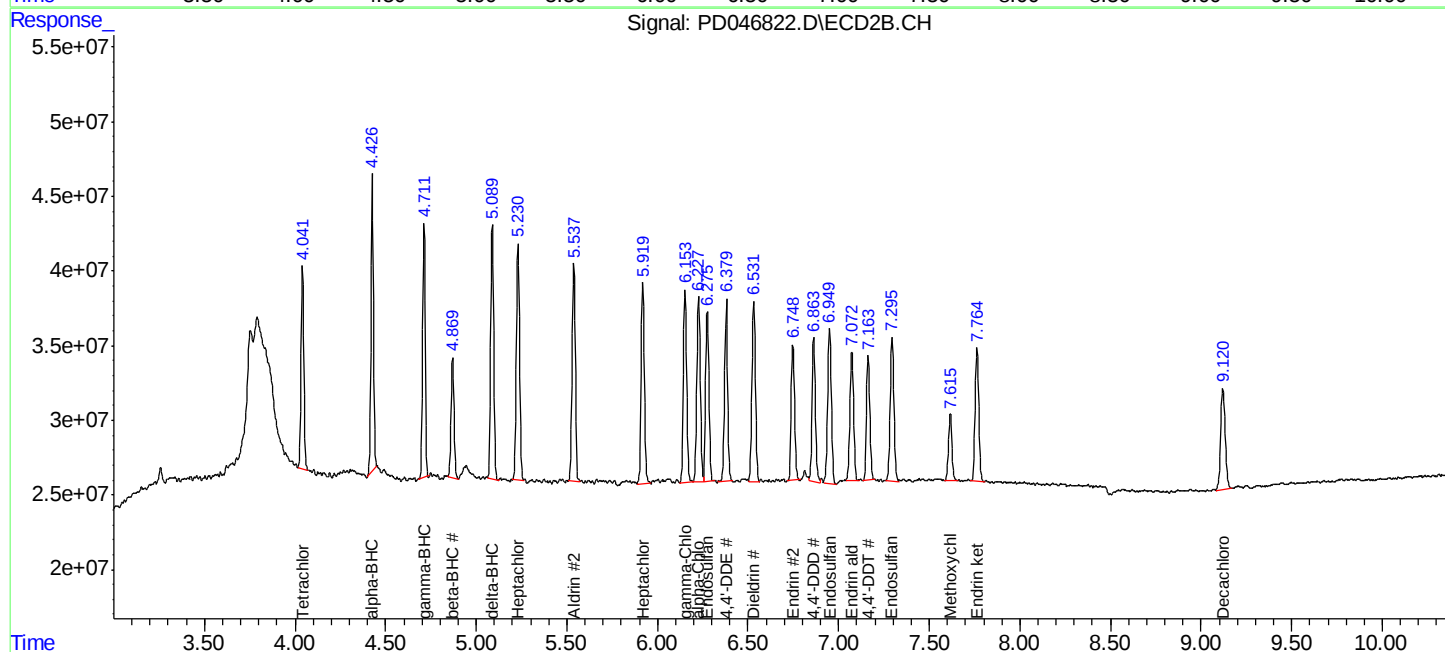
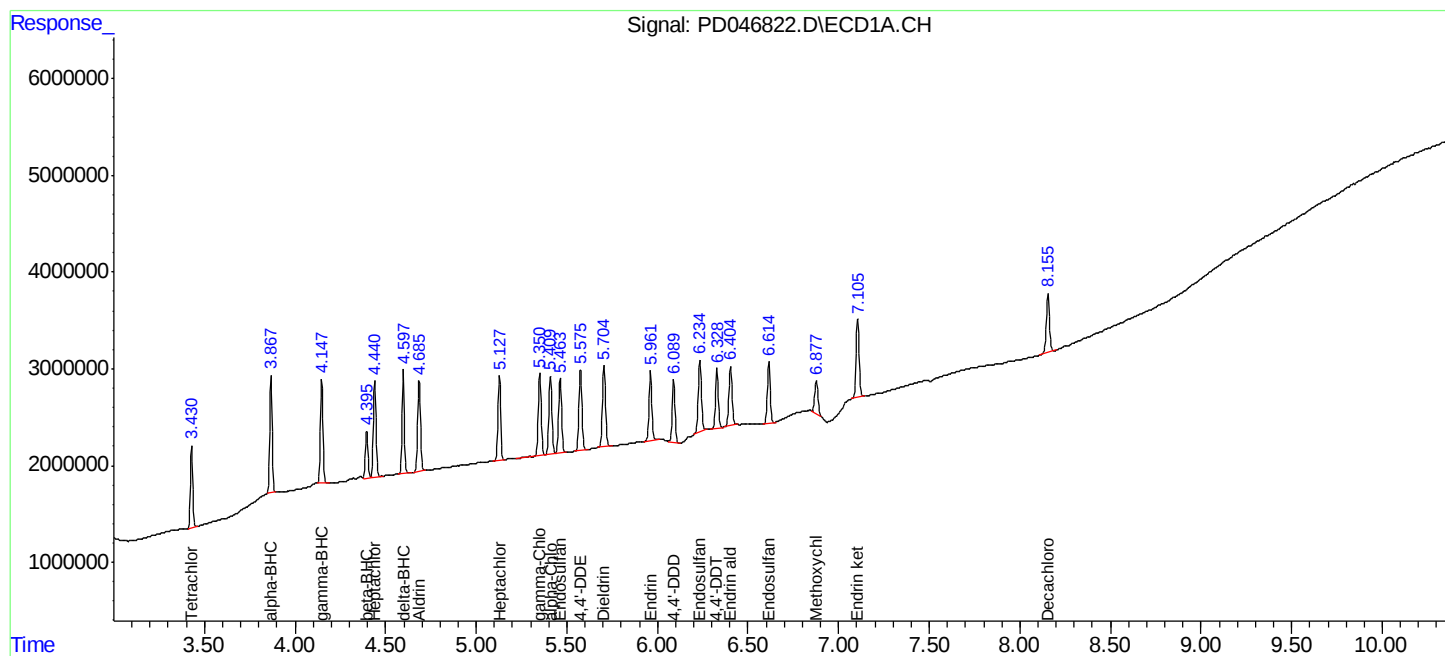
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

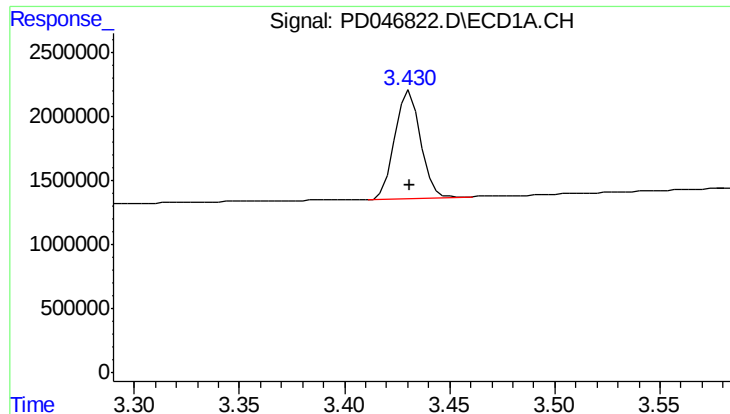
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 07 03:00:59 2018  
Quant Method : P:\HPCHEM1\ECD\_D\Method\PD040718.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 07 02:49:37 2018  
Response 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





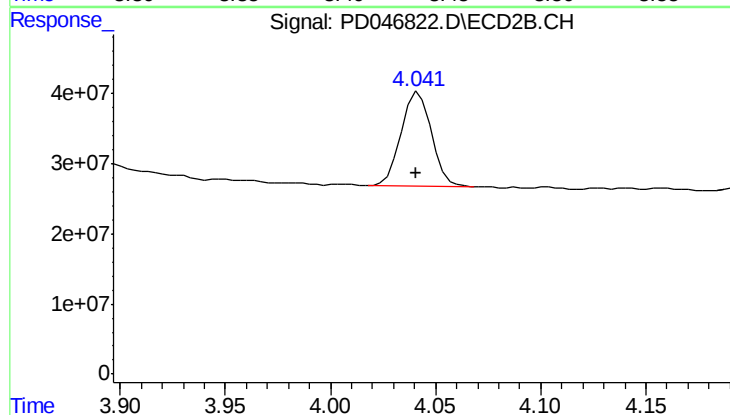
#1 Tetrachloro-m-xylene

R.T.: 3.430 min  
Delta R.T.: -0.001 min  
Response: 7208331  
Conc: 5.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

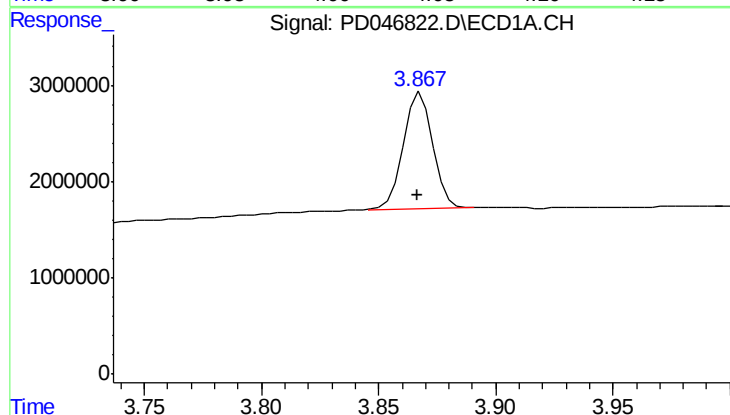
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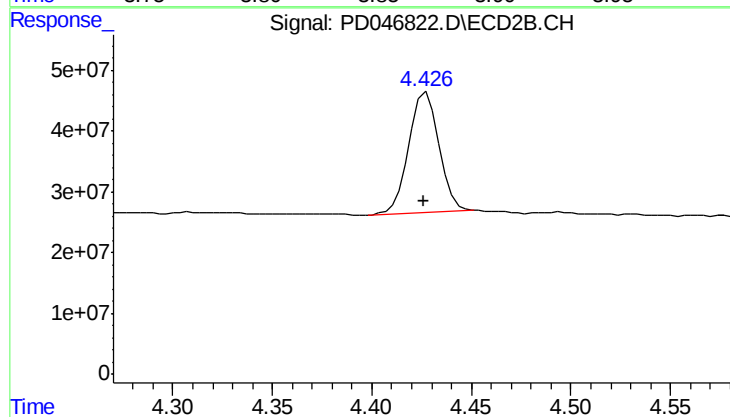
#1 Tetrachloro-m-xylene

R.T.: 4.041 min  
Delta R.T.: 0.000 min  
Response: 136162046  
Conc: 6.37 ng/ml m



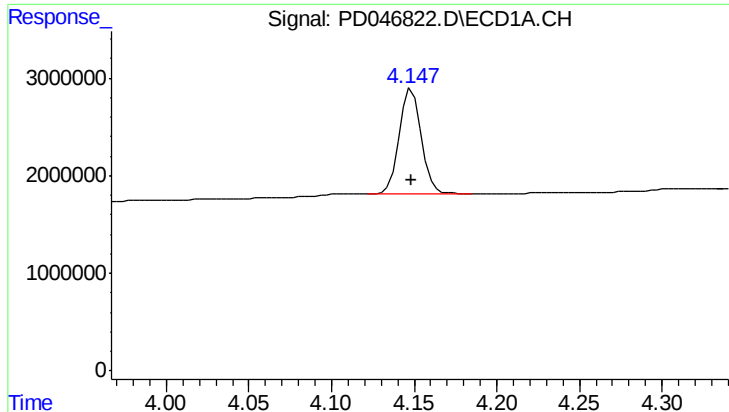
#2 alpha-BHC

R.T.: 3.867 min  
Delta R.T.: 0.000 min  
Response: 10635788  
Conc: 5.17 ng/ml m



#2 alpha-BHC

R.T.: 4.426 min  
Delta R.T.: 0.000 min  
Response: 209047487  
Conc: 6.28 ng/ml m



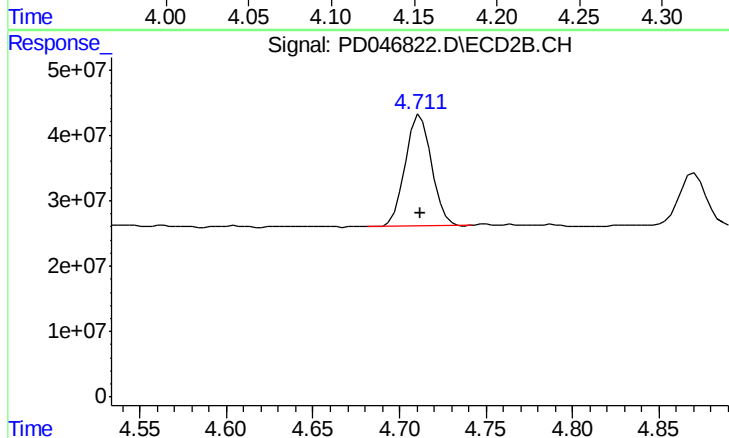
#3 gamma-BHC (Lindane)

R.T.: 4.149 min  
Delta R.T.: 0.000 min  
Response: 9946687  
Conc: 5.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

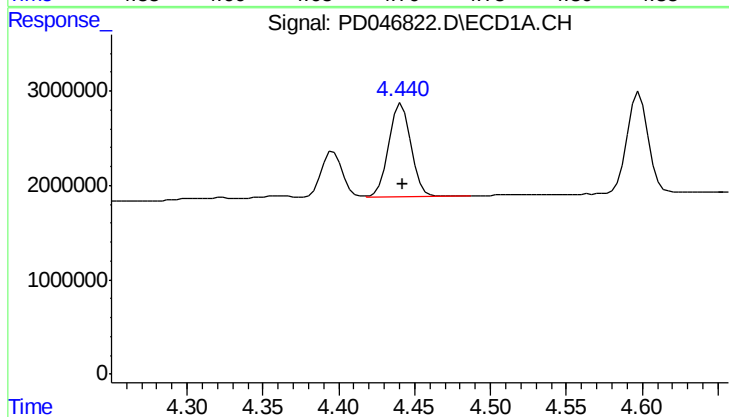
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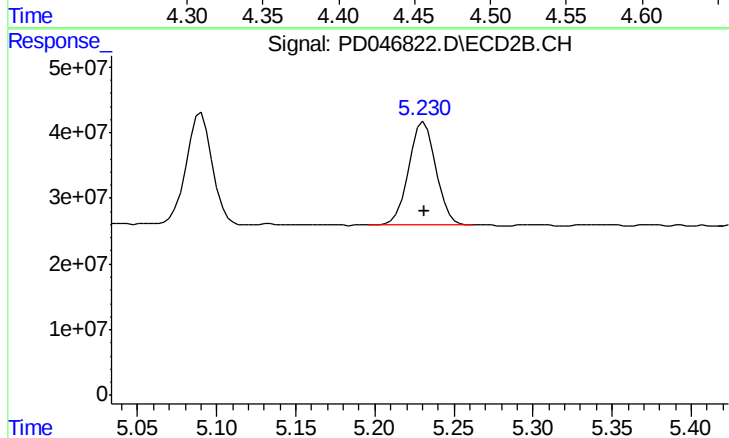
#3 gamma-BHC (Lindane)

R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 180074604  
Conc: 6.14 ng/ml



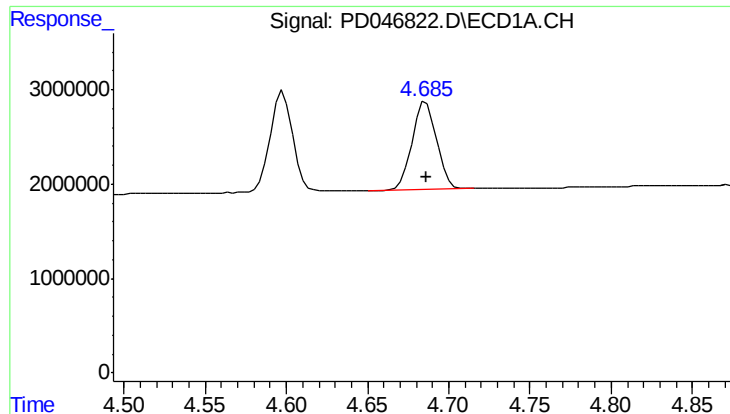
#4 Heptachlor

R.T.: 4.442 min  
Delta R.T.: 0.000 min  
Response: 10013057  
Conc: 5.54 ng/ml



#4 Heptachlor

R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 187655976  
Conc: 6.39 ng/ml



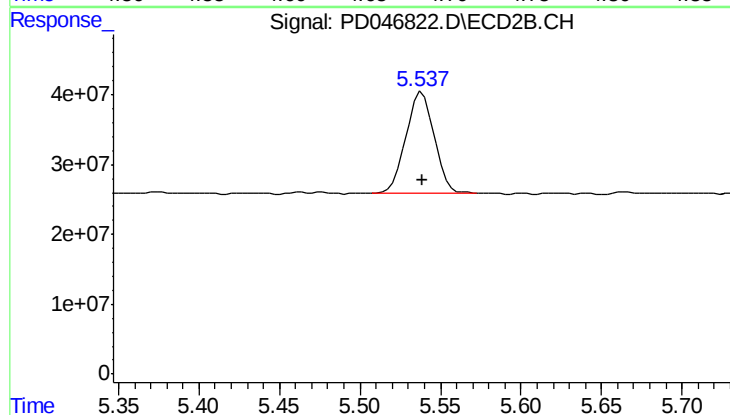
#5 Aldrin

R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 9828091  
Conc: 5.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

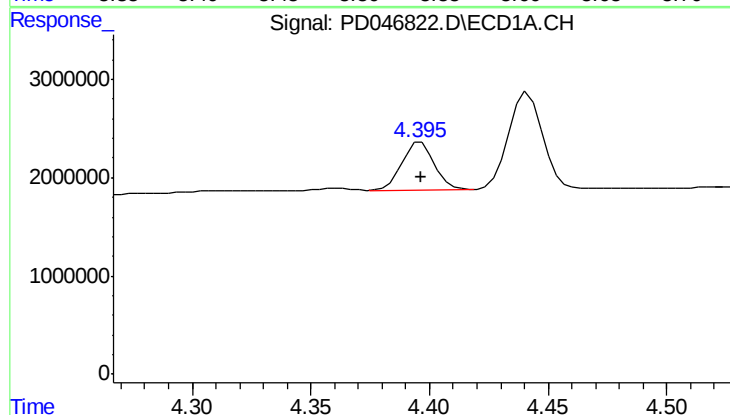
Manual Integrations  
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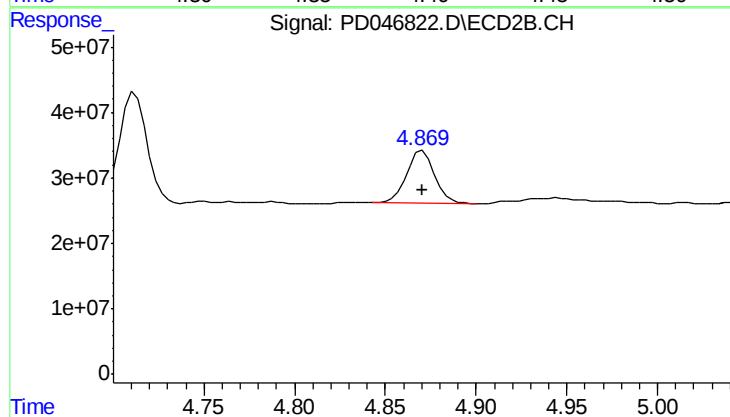
#5 Aldrin

R.T.: 5.539 min  
Delta R.T.: 0.000 min  
Response: 177143992  
Conc: 6.36 ng/ml



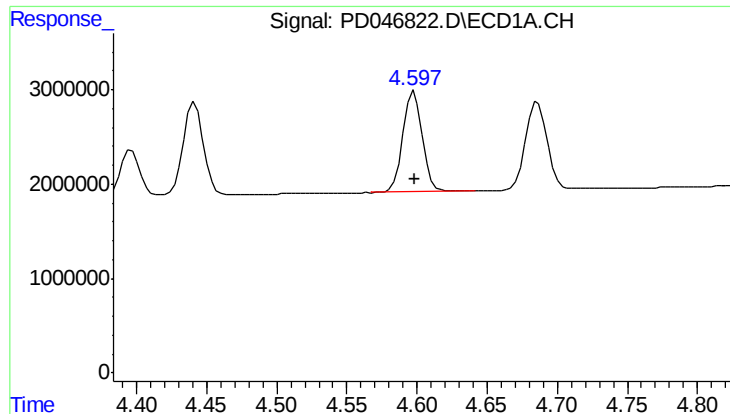
#6 beta-BHC

R.T.: 4.397 min  
Delta R.T.: 0.000 min  
Response: 4727481  
Conc: 5.91 ng/ml



#6 beta-BHC

R.T.: 4.871 min  
Delta R.T.: 0.000 min  
Response: 86478768  
Conc: 6.45 ng/ml



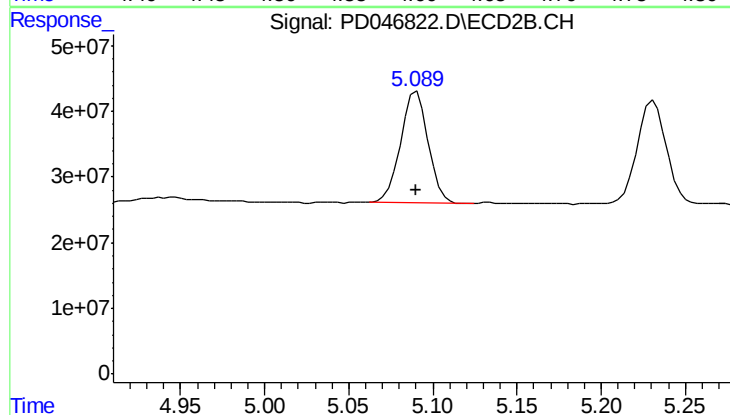
#7 delta-BHC

R.T.: 4.598 min  
Delta R.T.: 0.000 min  
Response: 10238132  
Conc: 5.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

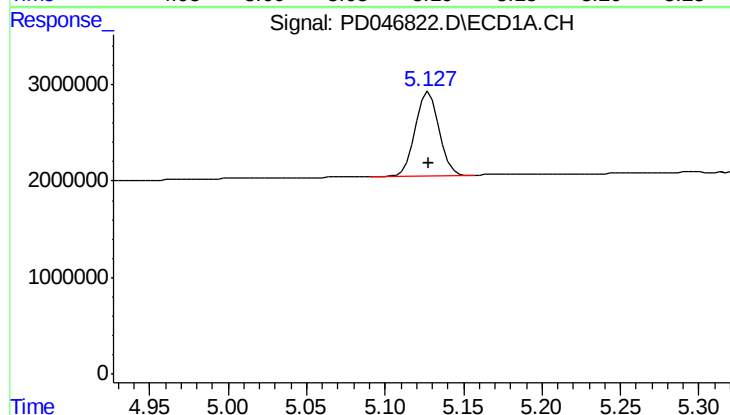
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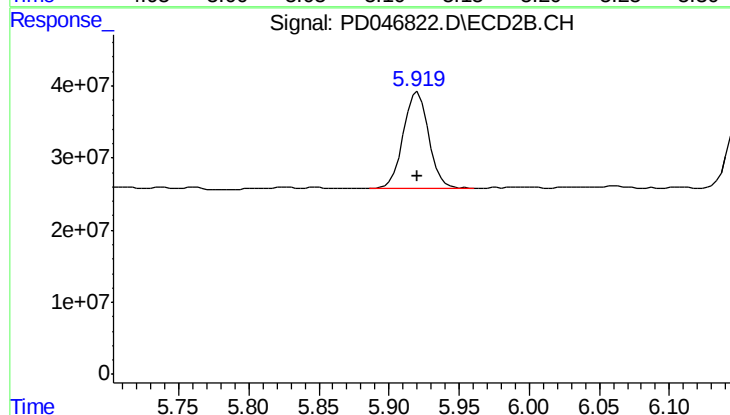
#7 delta-BHC

R.T.: 5.090 min  
Delta R.T.: 0.000 min  
Response: 194387694  
Conc: 6.35 ng/ml



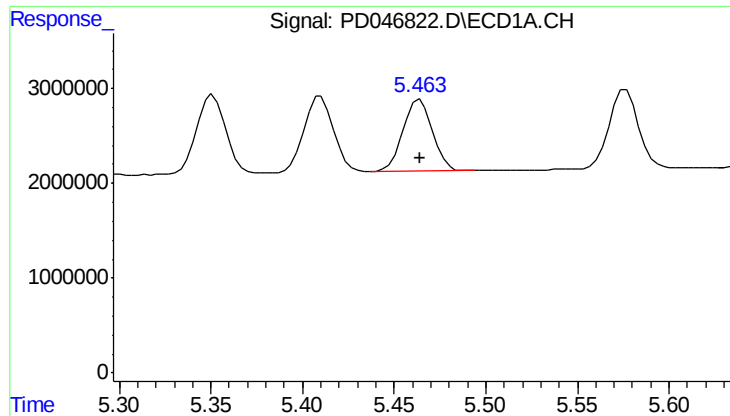
#8 Heptachlor epoxide

R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 9313548  
Conc: 5.61 ng/ml



#8 Heptachlor epoxide

R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 168525038  
Conc: 6.56 ng/ml



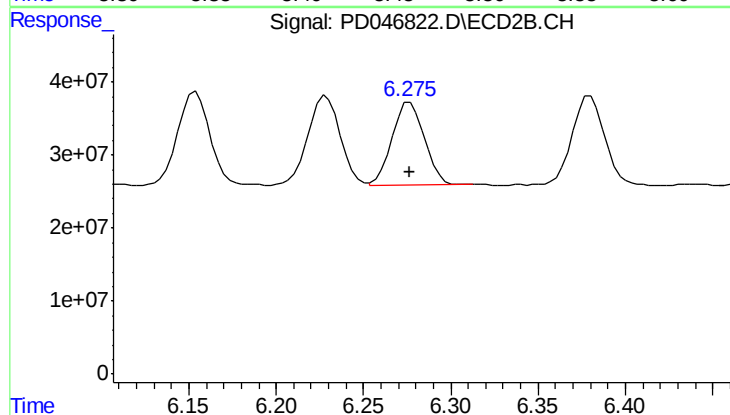
#9 Endosulfan I

R.T.: 5.464 min  
Delta R.T.: 0.000 min  
Response: 8508502  
Conc: 5.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

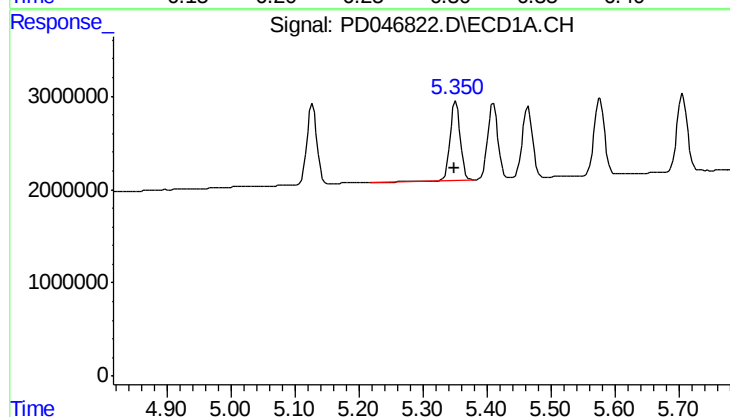
Manual Integrations  
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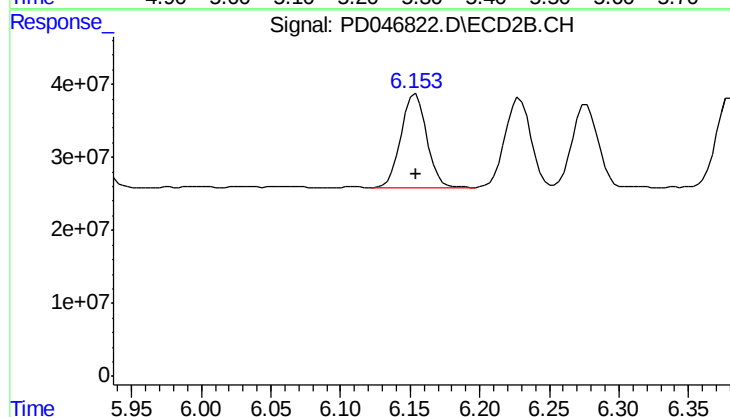
#9 Endosulfan I

R.T.: 6.277 min  
Delta R.T.: 0.000 min  
Response: 145135430  
Conc: 6.35 ng/ml



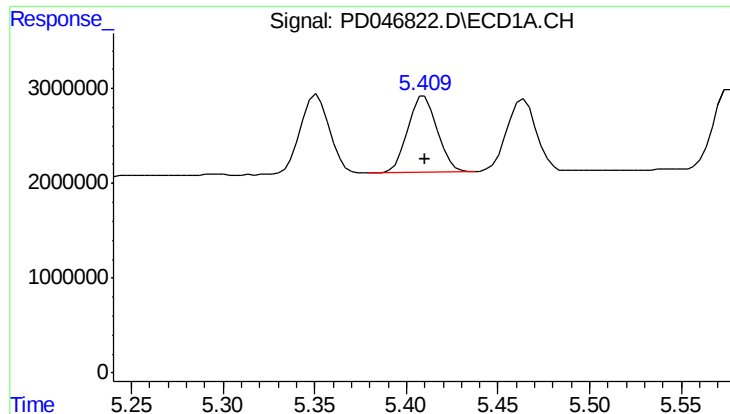
#10 gamma-Chlordane

R.T.: 5.351 min  
Delta R.T.: 0.001 min  
Response: 9134982  
Conc: 5.48 ng/ml



#10 gamma-Chlordane

R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 165768481  
Conc: 6.42 ng/ml



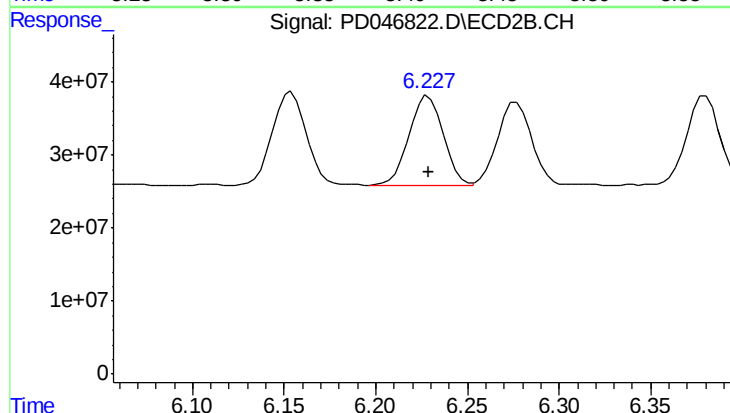
#11 alpha-Chlordane

R.T.: 5.410 min  
Delta R.T.: 0.000 min  
Response: 9011311  
Conc: 5.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

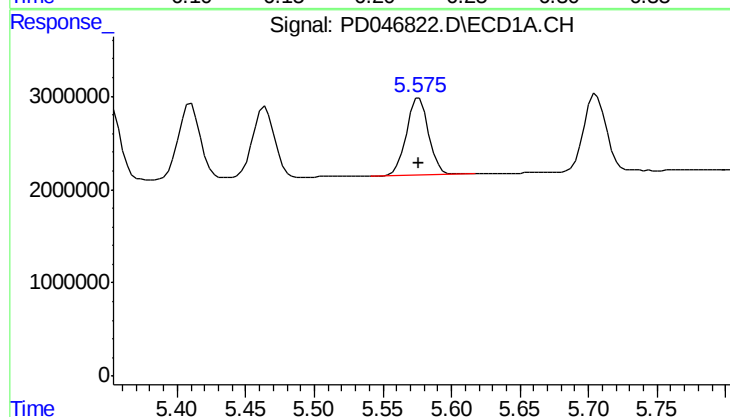
Manual Integrations  
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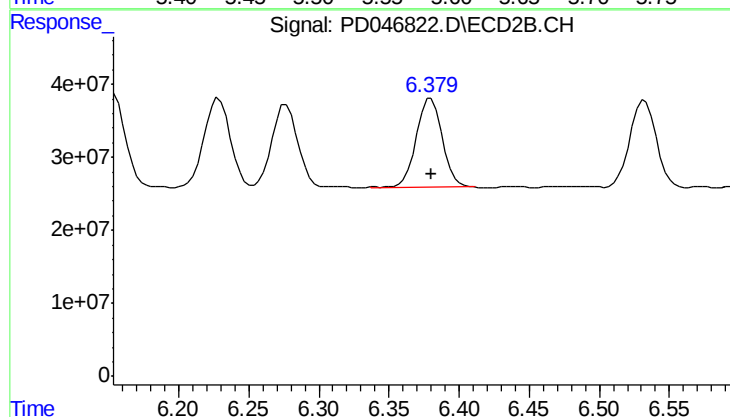
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 158867871  
Conc: 6.40 ng/ml



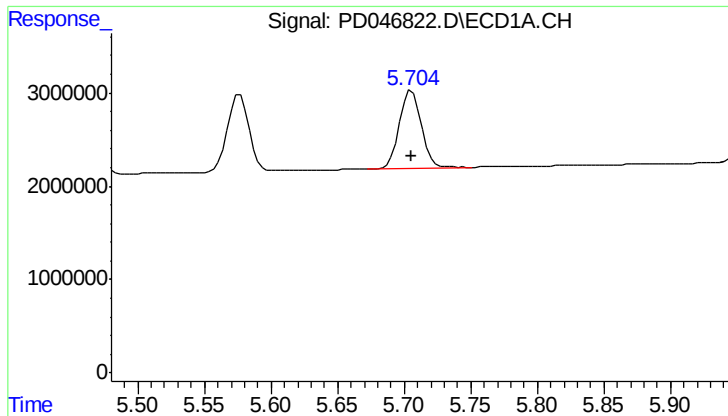
#12 4,4'-DDE

R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 9301106  
Conc: 5.57 ng/ml



#12 4,4'-DDE

R.T.: 6.380 min  
Delta R.T.: 0.000 min  
Response: 156020724  
Conc: 6.34 ng/ml



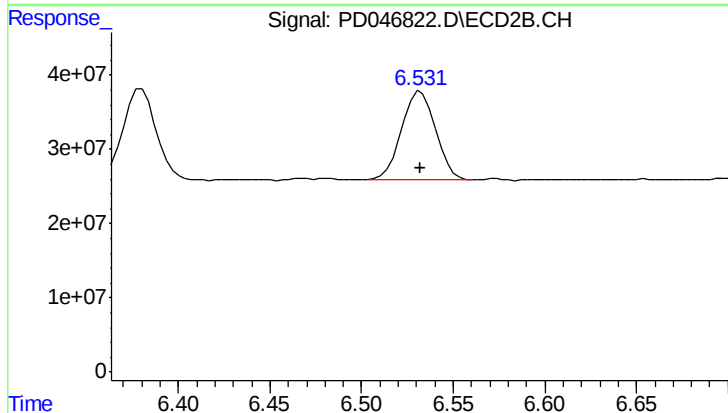
#13 Dielddrin

R.T.: 5.706 min  
Delta R.T.: 0.000 min  
Response: 9493163  
Conc: 5.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

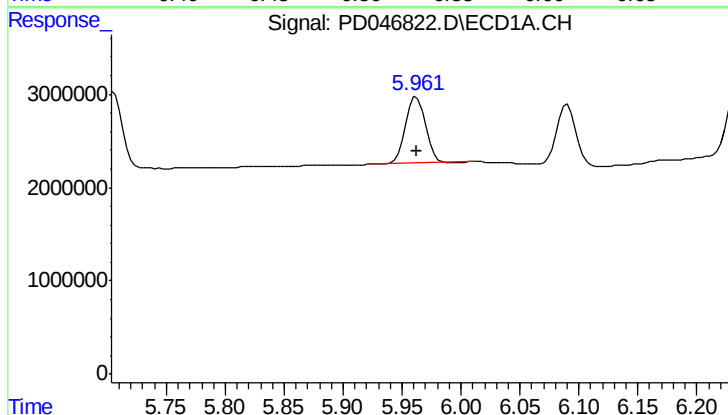
Manual Integrations  
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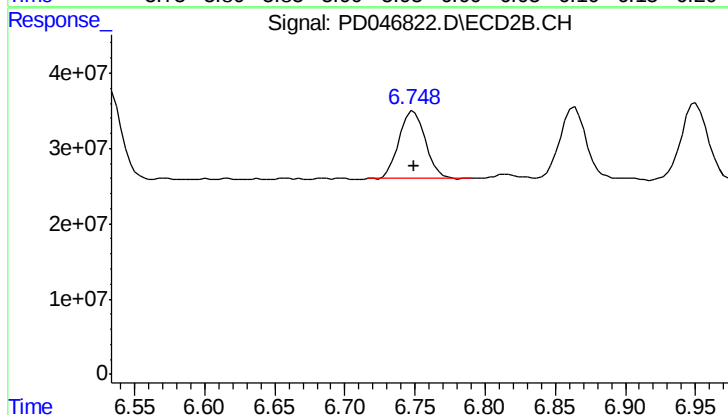
#13 Dielddrin

R.T.: 6.531 min  
Delta R.T.: -0.001 min  
Response: 154974916  
Conc: 6.28 ng/ml m



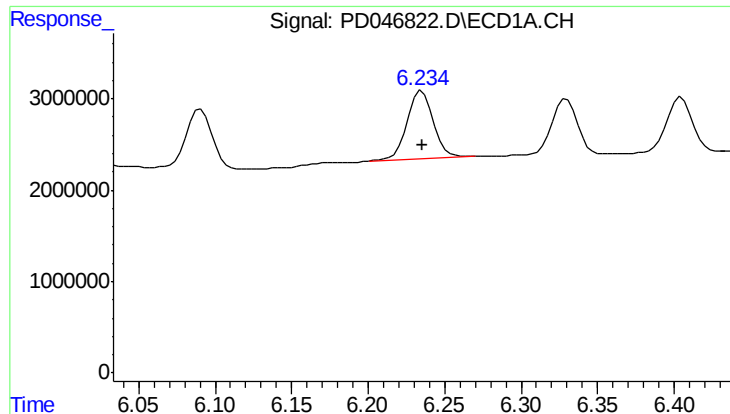
#14 Endrin

R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 8386161  
Conc: 5.56 ng/ml



#14 Endrin

R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 118095141  
Conc: 6.19 ng/ml



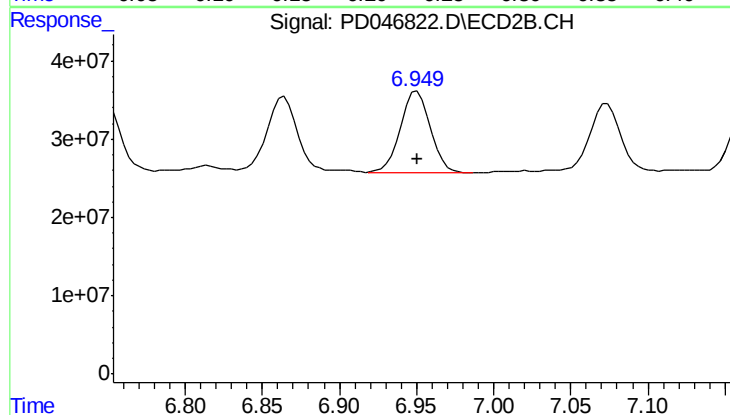
#15 Endosulfan II

R.T.: 6.235 min  
Delta R.T.: 0.000 min  
Response: 8773398  
Conc: 5.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

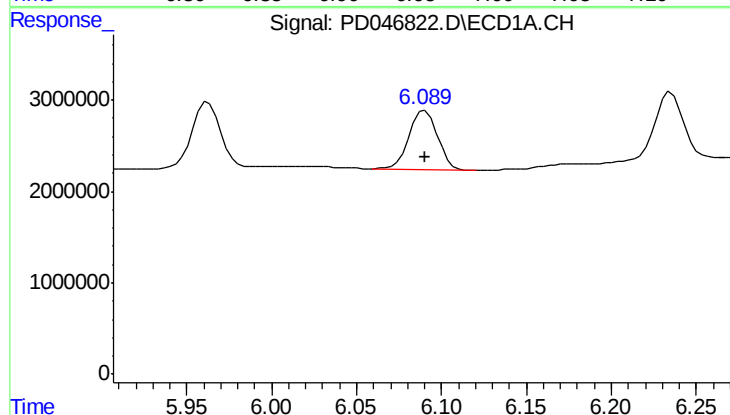
Manual Integrations  
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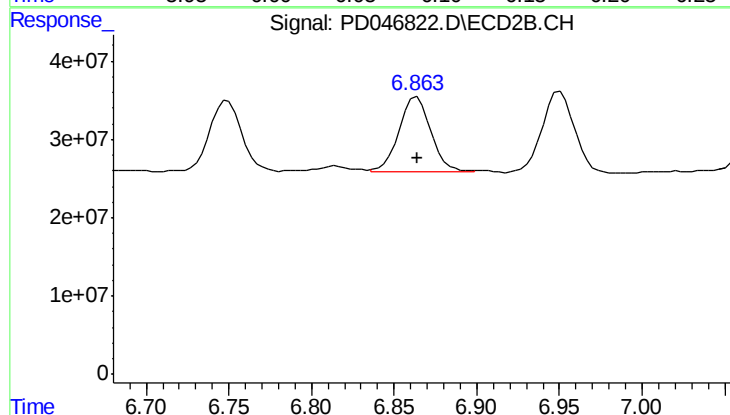
#15 Endosulfan II

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 140144274  
Conc: 6.61 ng/ml



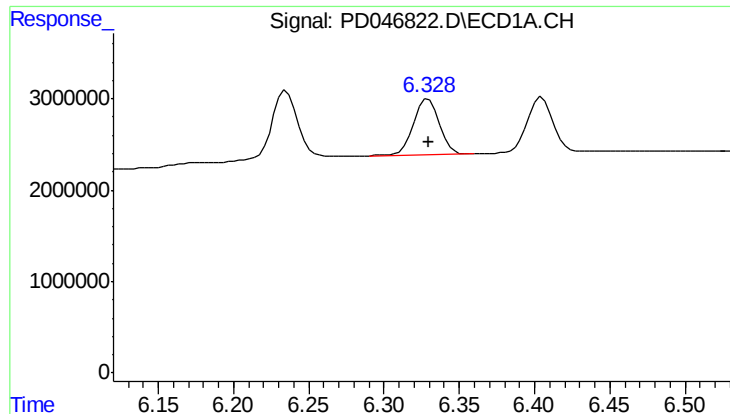
#16 4,4'-DDD

R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 7545089  
Conc: 5.46 ng/ml



#16 4,4'-DDD

R.T.: 6.864 min  
Delta R.T.: 0.000 min  
Response: 128566282  
Conc: 6.44 ng/ml



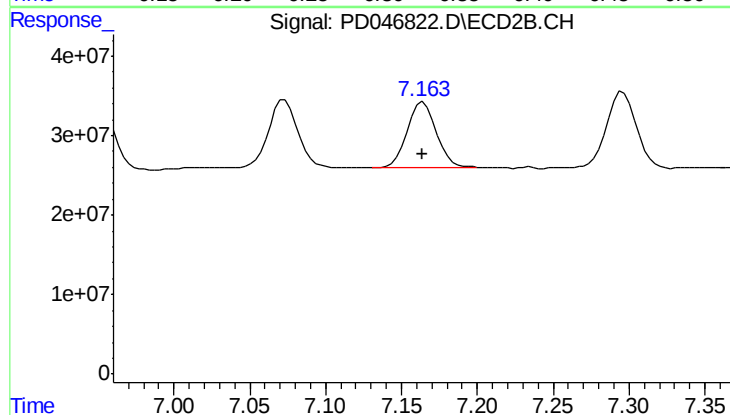
#17 4,4'-DDT

R.T.: 6.329 min  
Delta R.T.: 0.000 min  
Response: 7151086  
Conc: 5.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

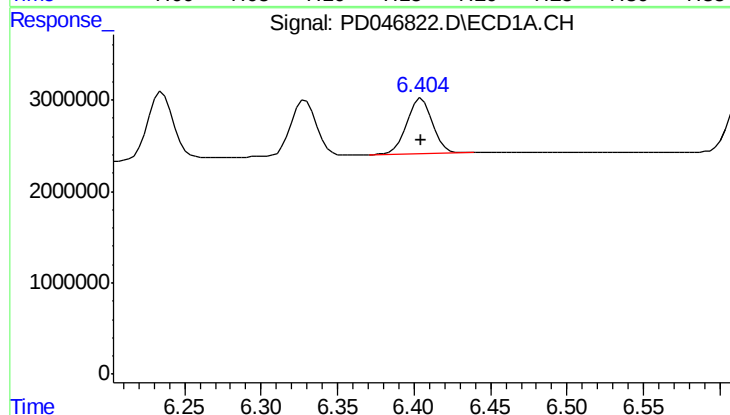
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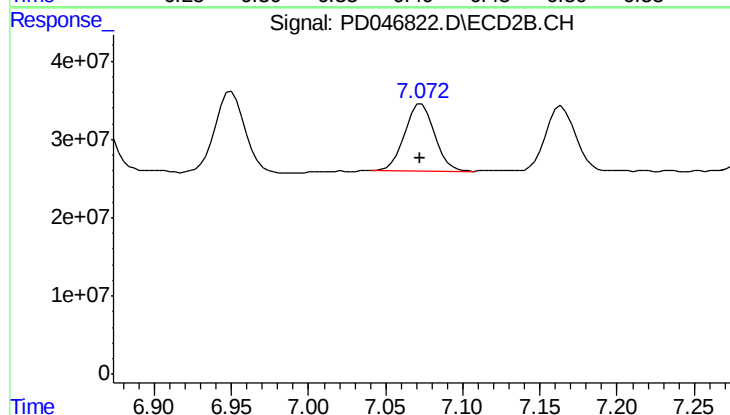
#17 4,4'-DDT

R.T.: 7.164 min  
Delta R.T.: 0.000 min  
Response: 106964976  
Conc: 5.79 ng/ml



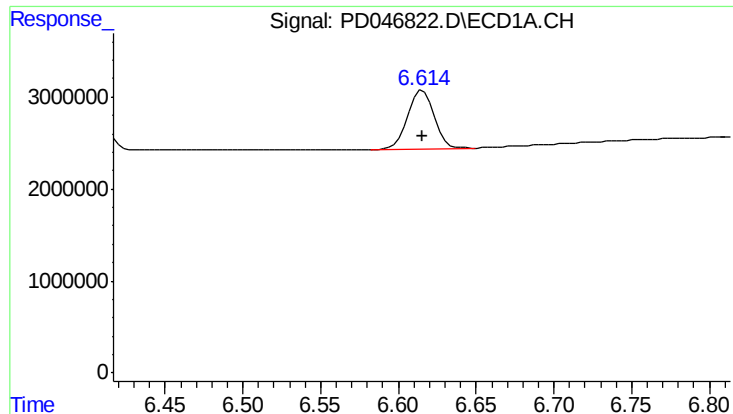
#18 Endrin aldehyde

R.T.: 6.405 min  
Delta R.T.: 0.000 min  
Response: 7017383  
Conc: 5.71 ng/ml



#18 Endrin aldehyde

R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 115842902  
Conc: 6.52 ng/ml m



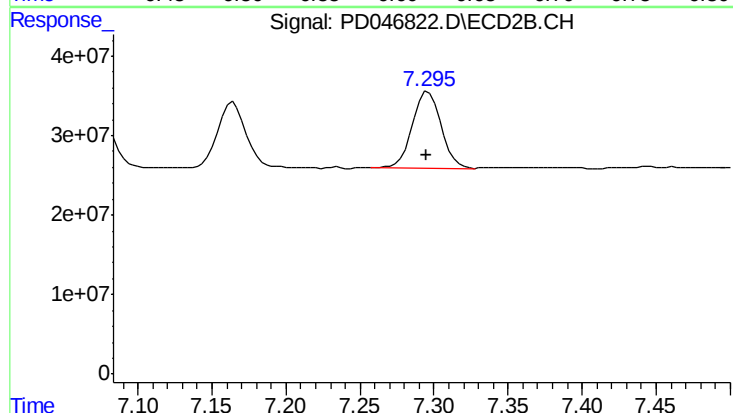
#19 Endosulfan Sulfate

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 7607947  
Conc: 5.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

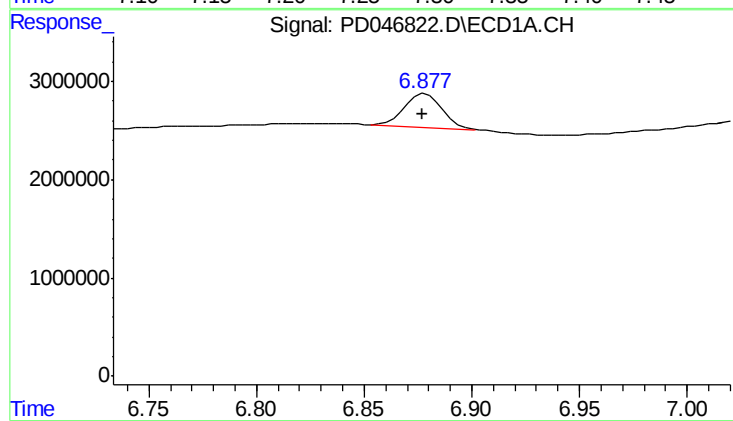
Manual Integrations  
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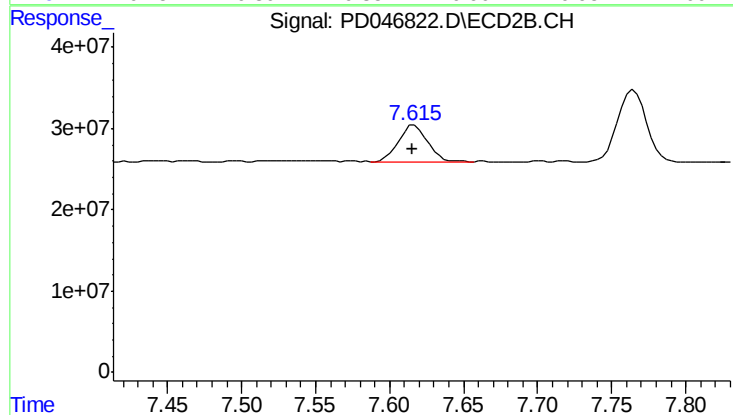
#19 Endosulfan Sulfate

R.T.: 7.295 min  
Delta R.T.: 0.000 min  
Response: 130372047  
Conc: 6.46 ng/ml m



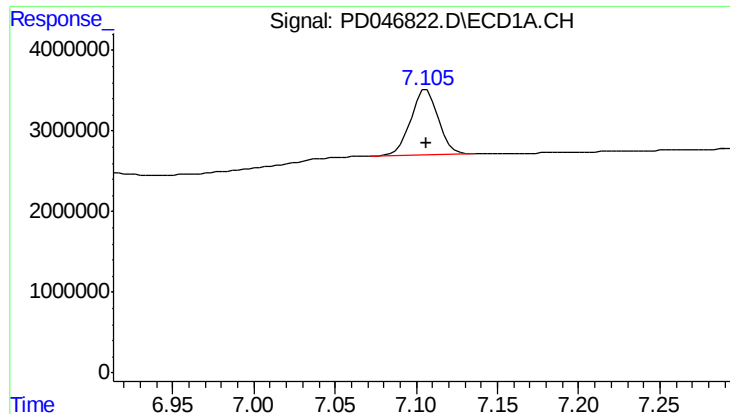
#20 Methoxychlor

R.T.: 6.877 min  
Delta R.T.: 0.000 min  
Response: 4103377  
Conc: 5.58 ng/ml m



#20 Methoxychlor

R.T.: 7.615 min  
Delta R.T.: 0.000 min  
Response: 62026655  
Conc: 6.45 ng/ml m



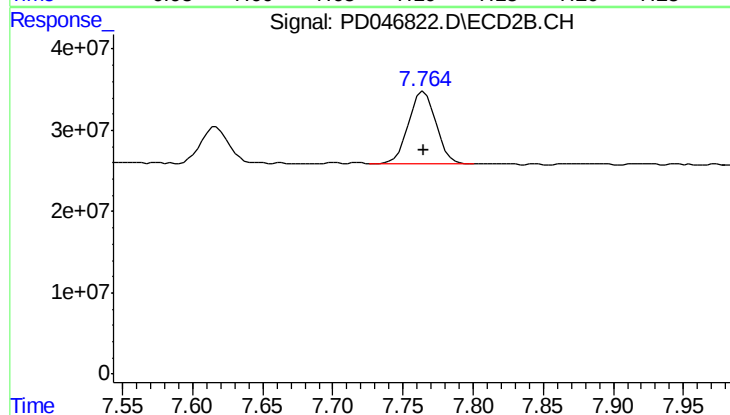
#21 Endrin ketone

R.T.: 7.107 min  
Delta R.T.: 0.000 min  
Response: 9596254  
Conc: 5.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

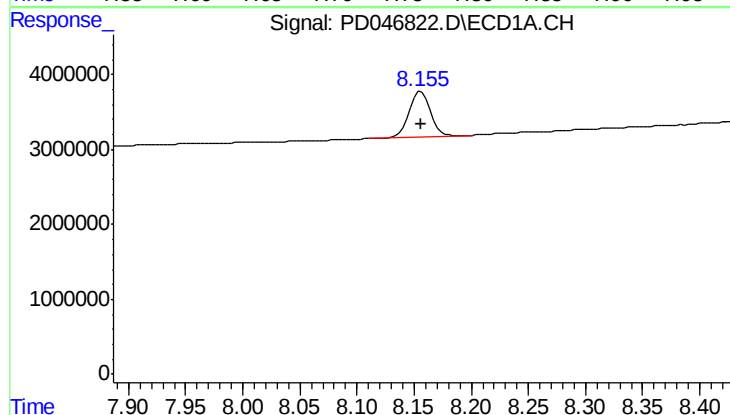
Manual Integrations  
APPROVED

ugo  
4/9/2018 9:57:03 AM



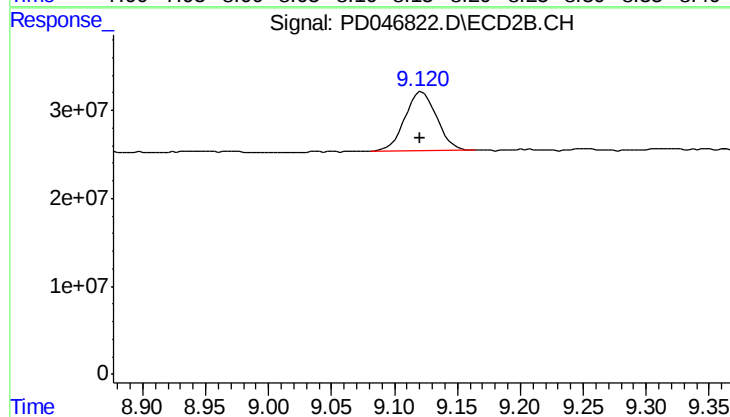
#21 Endrin ketone

R.T.: 7.765 min  
Delta R.T.: 0.000 min  
Response: 120522985  
Conc: 6.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.156 min  
Delta R.T.: 0.000 min  
Response: 7964660  
Conc: 5.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.120 min  
Delta R.T.: 0.000 min  
Response: 119055964  
Conc: 6.62 ng/ml m