

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121620\  
 Data File : PD060739.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Dec 2020 18:22  
 Operator : DD\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
 APPROVED

Ankita  
 12/17/2020 12:42:39 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 01:51:42 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121620.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 17 01:48:50 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...          | 3.500 | 4.021 | 5790824 | 24387354 | 5.298  | 5.069  |
| 2) SA Decachlor...          | 8.287 | 9.105 | 8074668 | 20411337 | 5.794  | 5.447  |
| Target Compounds            |       |       |         |          |        |        |
| 2) A alpha-BHC              | 3.941 | 4.412 | 8383933 | 36392990 | 4.738  | 4.793  |
| 3) MA gamma-BHC...          | 4.227 | 4.697 | 8336742 | 33367200 | 5.006  | 4.794  |
| 4) MA Heptachlor            | 4.533 | 5.209 | 8497372 | 33326907 | 4.970  | 5.005  |
| 5) MB Aldrin                | 4.784 | 5.515 | 7835013 | 31662750 | 4.844  | 5.094  |
| 6) B beta-BHC               | 4.476 | 4.865 | 3960534 | 14614126 | 5.625  | 5.165  |
| 7) B delta-BHC              | 4.684 | 5.084 | 7662341 | 30915517 | 4.751  | 4.681  |
| 8) B Heptachlo...           | 5.229 | 5.901 | 7789834 | 28778714 | 5.085  | 5.035  |
| 9) A Endosulfan I           | 5.571 | 6.259 | 7479720 | 26919783 | 5.185  | 5.054  |
| 10) B gamma-Chl...          | 5.458 | 6.136 | 7820307 | 30393133 | 4.978  | 5.185  |
| 11) B alpha-Chl...          | 5.517 | 6.209 | 7910916 | 29042683 | 5.048  | 5.075  |
| 12) B 4,4'-DDE              | 5.680 | 6.362 | 7700588 | 26548778 | 5.094  | 4.874m |
| 13) MA Dieldrin             | 5.815 | 6.517 | 7568214 | 28143572 | 4.864  | 4.914  |
| 14) MA Endrin               | 6.075 | 6.735 | 6950787 | 23594216 | 5.080  | 4.897  |
| 15) B Endosulfa...          | 6.348 | 6.943 | 7609844 | 27121255 | 5.494  | 5.424  |
| 16) A 4,4'-DDD              | 6.199 | 6.853 | 6201866 | 22368991 | 4.893  | 4.967m |
| 17) MA 4,4'-DDT             | 6.441 | 7.154 | 6284668 | 22135026 | 4.623  | 4.826  |
| 18) B Endrin al...          | 6.517 | 7.067 | 6685662 | 21572368 | 5.743  | 5.238  |
| 19) B Endosulfa...          | 6.729 | 7.291 | 6539581 | 23279539 | 5.420m | 5.178  |
| 20) A Methoxychlor          | 6.989 | 7.611 | 4299103 | 12496031 | 5.507  | 5.192  |
| 21) B Endrin ke...          | 7.225 | 7.763 | 8339853 | 25516746 | 5.241  | 5.112  |
| 22) Mirex                   | 7.418 | 8.219 | 7000695 | 18921135 | 5.842  | 5.573  |
| -----                       |       |       |         |          |        |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121620\  
Data File : PD060739.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Dec 2020 18:22  
Operator : DD\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

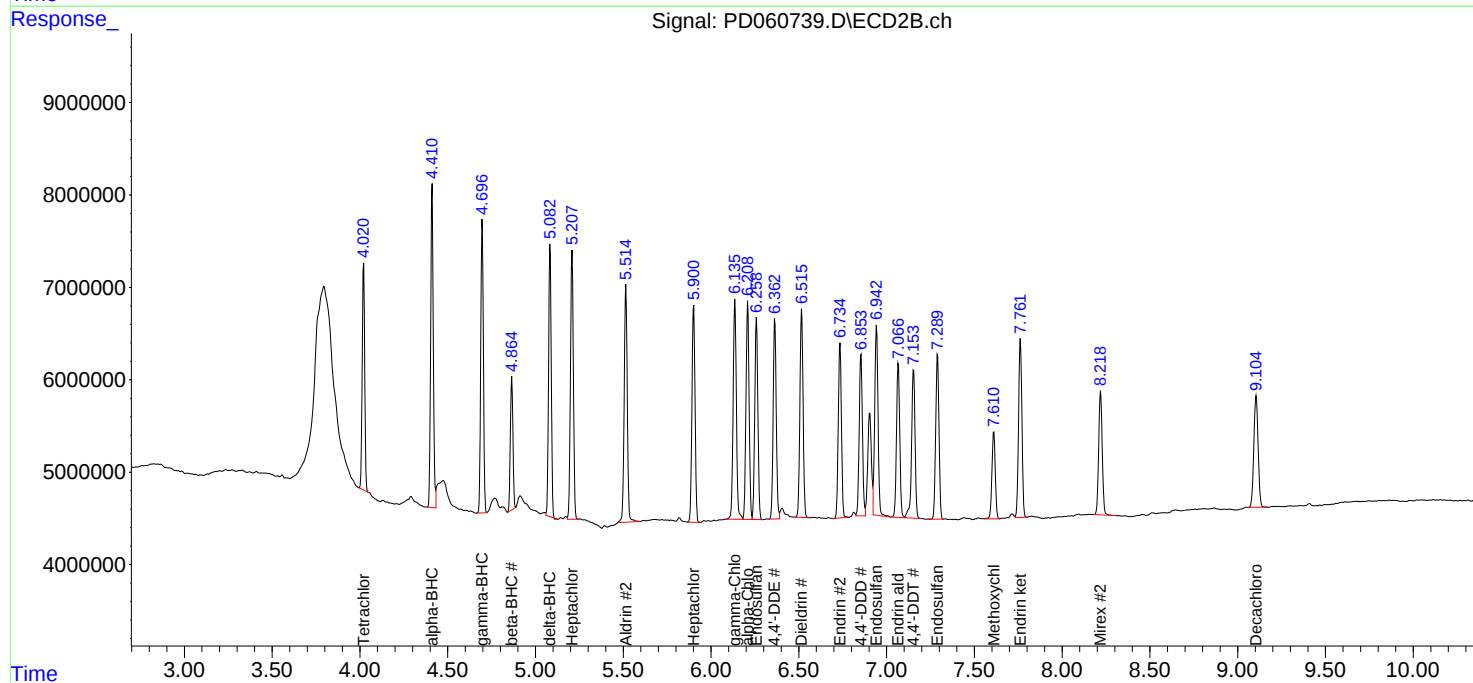
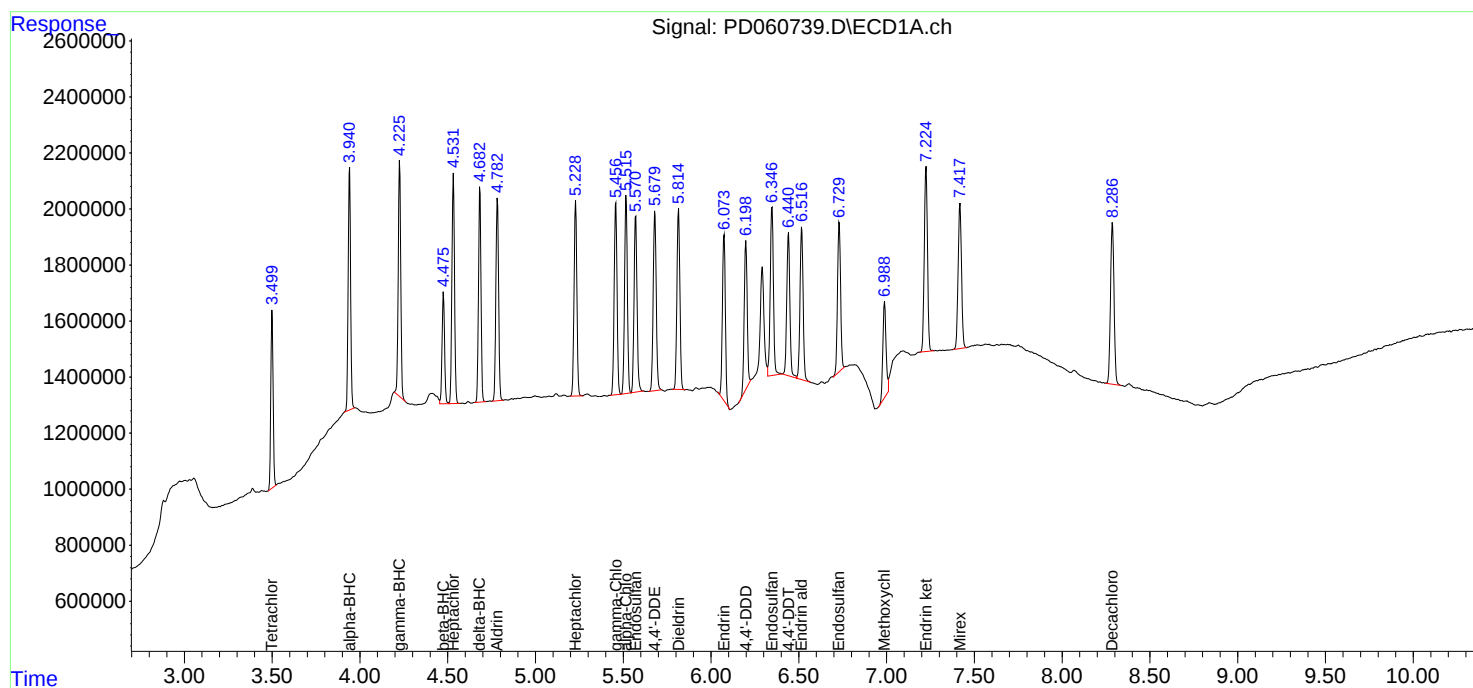
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

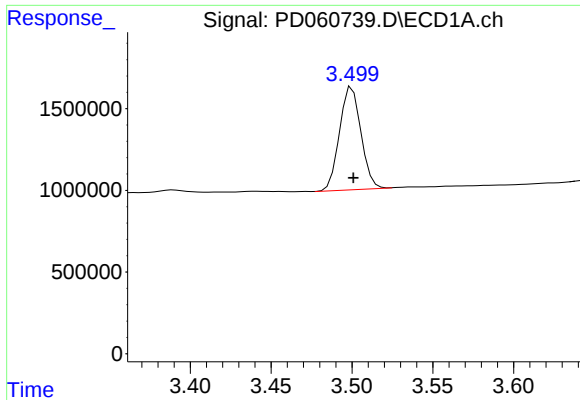
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 01:51:42 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121620.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 17 01:48:50 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





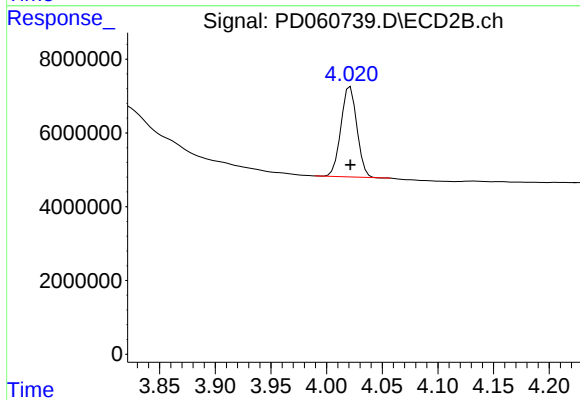
#1 Tetrachloro-m-xylene

R.T.: 3.500 min  
Delta R.T.: 0.000 min  
Response: 5790824  
Conc: 5.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

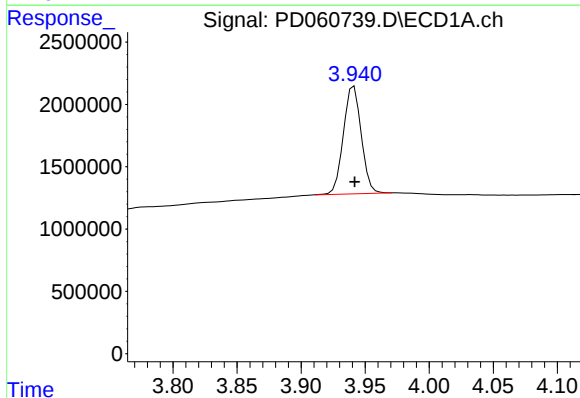
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



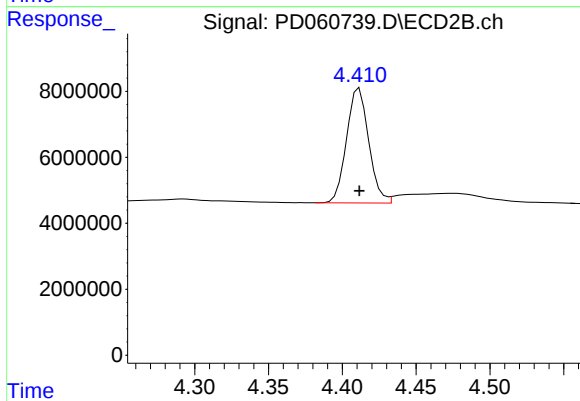
#1 Tetrachloro-m-xylene

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 24387354  
Conc: 5.07 ng/ml



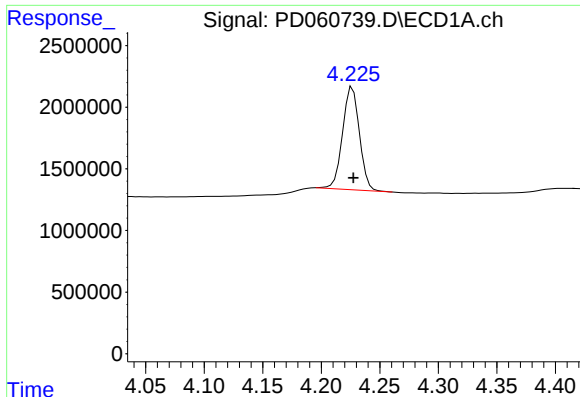
#2 alpha-BHC

R.T.: 3.941 min  
Delta R.T.: 0.000 min  
Response: 8383933  
Conc: 4.74 ng/ml



#2 alpha-BHC

R.T.: 4.412 min  
Delta R.T.: 0.000 min  
Response: 36392990  
Conc: 4.79 ng/ml



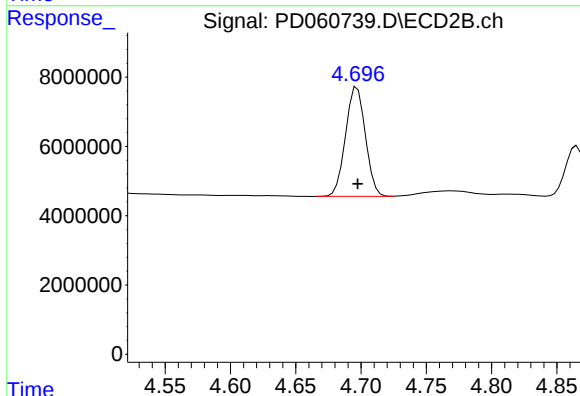
#3 gamma-BHC (Lindane)

R.T.: 4.227 min  
Delta R.T.: 0.000 min  
Response: 8336742  
Conc: 5.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

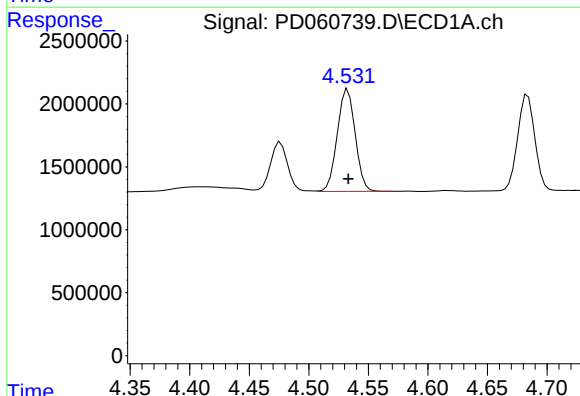
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



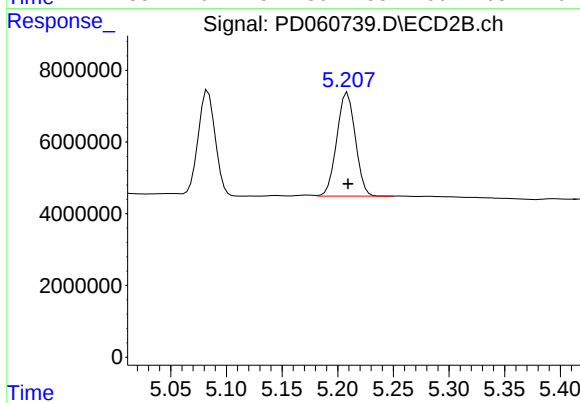
#3 gamma-BHC (Lindane)

R.T.: 4.697 min  
Delta R.T.: 0.000 min  
Response: 33367200  
Conc: 4.79 ng/ml



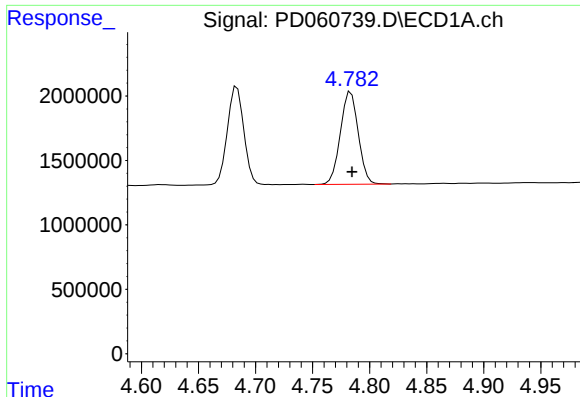
#4 Heptachlor

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 8497372  
Conc: 4.97 ng/ml



#4 Heptachlor

R.T.: 5.209 min  
Delta R.T.: 0.000 min  
Response: 33326907  
Conc: 5.01 ng/ml



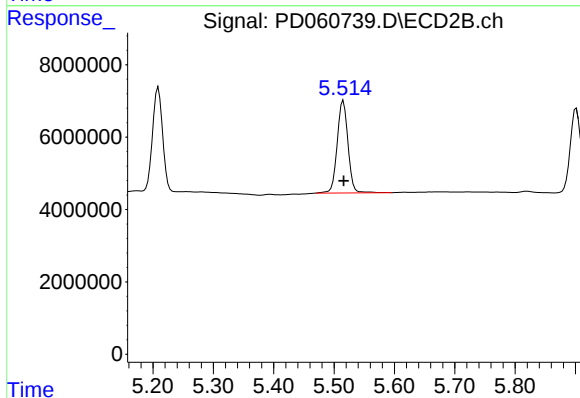
#5 Aldrin

R.T.: 4.784 min  
Delta R.T.: -0.001 min  
Response: 7835013  
Conc: 4.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

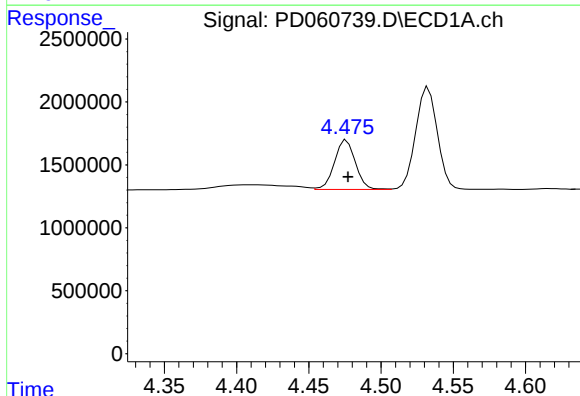
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



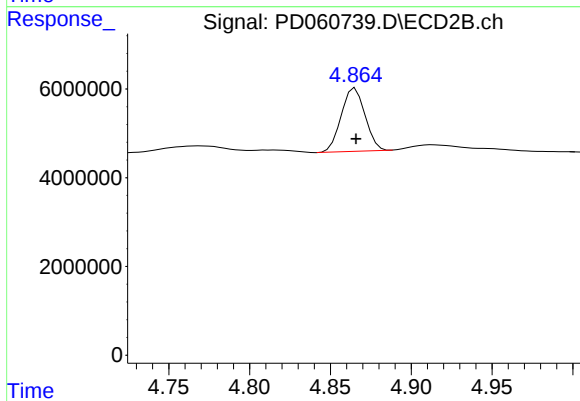
#5 Aldrin

R.T.: 5.515 min  
Delta R.T.: 0.000 min  
Response: 31662750  
Conc: 5.09 ng/ml



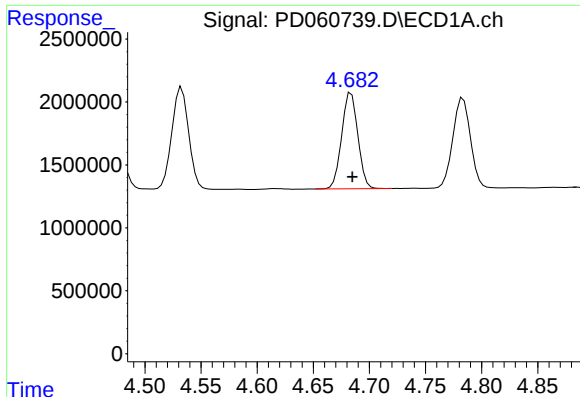
#6 beta-BHC

R.T.: 4.476 min  
Delta R.T.: 0.000 min  
Response: 3960534  
Conc: 5.63 ng/ml



#6 beta-BHC

R.T.: 4.865 min  
Delta R.T.: 0.000 min  
Response: 14614126  
Conc: 5.16 ng/ml



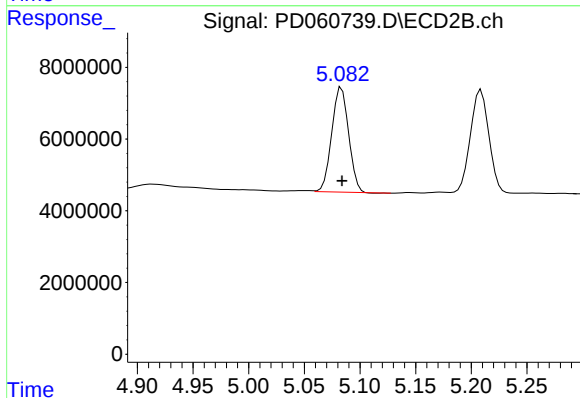
#7 delta-BHC

R.T.: 4.684 min  
Delta R.T.: -0.001 min  
Response: 7662341  
Conc: 4.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

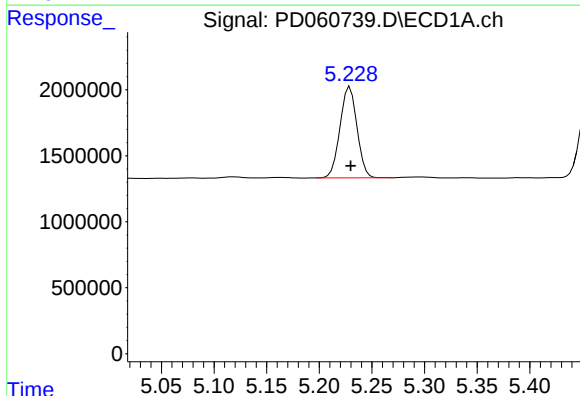
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



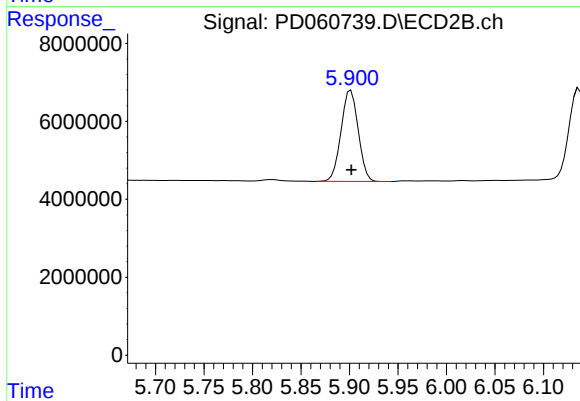
#7 delta-BHC

R.T.: 5.084 min  
Delta R.T.: 0.000 min  
Response: 30915517  
Conc: 4.68 ng/ml



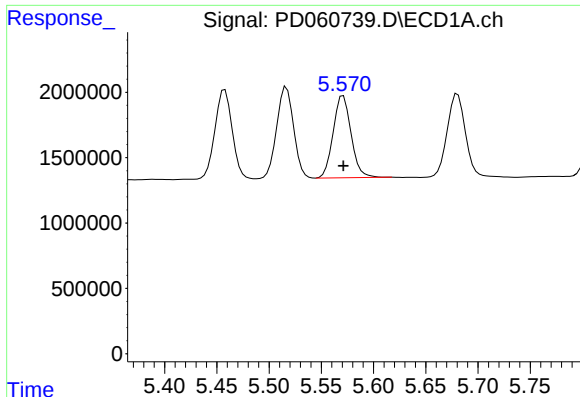
#8 Heptachlor epoxide

R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 7789834  
Conc: 5.09 ng/ml



#8 Heptachlor epoxide

R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 28778714  
Conc: 5.03 ng/ml



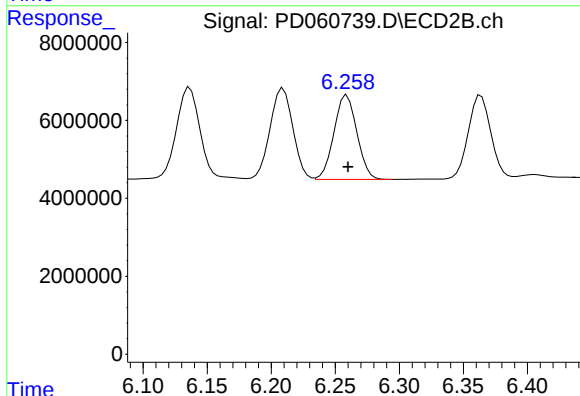
#9 Endosulfan I

R.T.: 5.571 min  
Delta R.T.: 0.000 min  
Response: 7479720  
Conc: 5.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

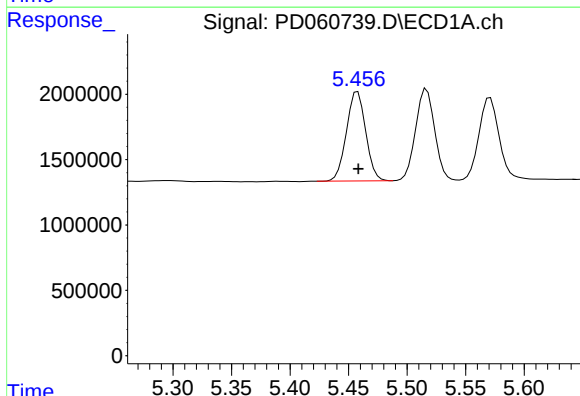
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



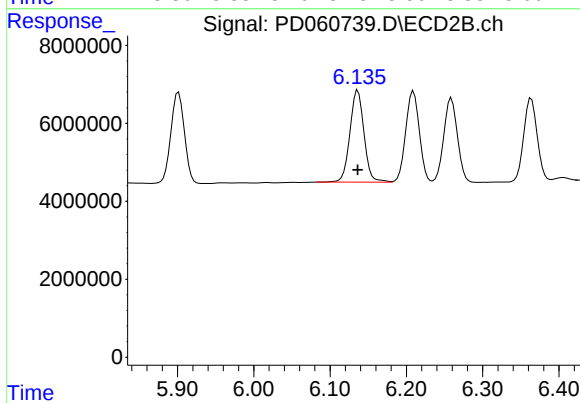
#9 Endosulfan I

R.T.: 6.259 min  
Delta R.T.: 0.000 min  
Response: 26919783  
Conc: 5.05 ng/ml



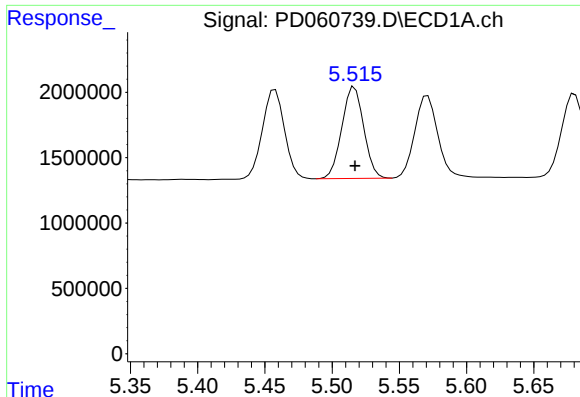
#10 gamma-Chlordane

R.T.: 5.458 min  
Delta R.T.: 0.000 min  
Response: 7820307  
Conc: 4.98 ng/ml



#10 gamma-Chlordane

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 30393133  
Conc: 5.18 ng/ml



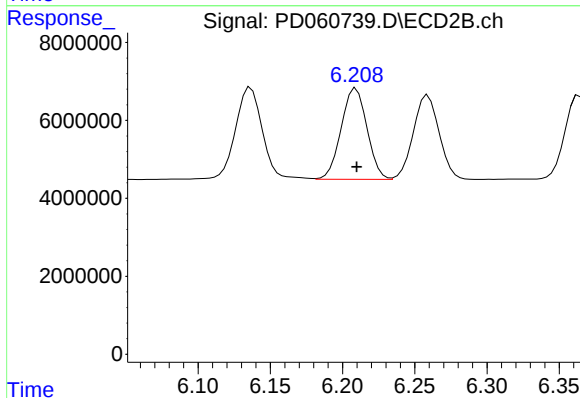
#11 alpha-Chlordane

R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: 7910916  
Conc: 5.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

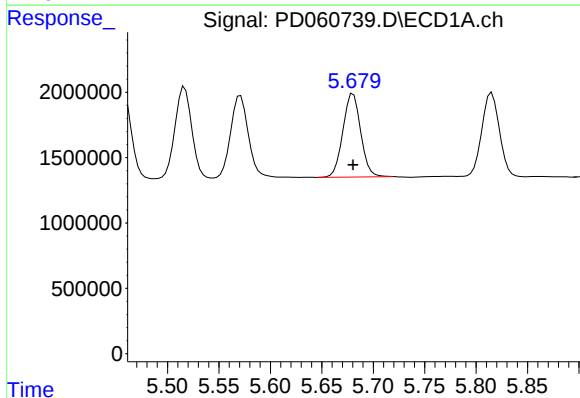
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



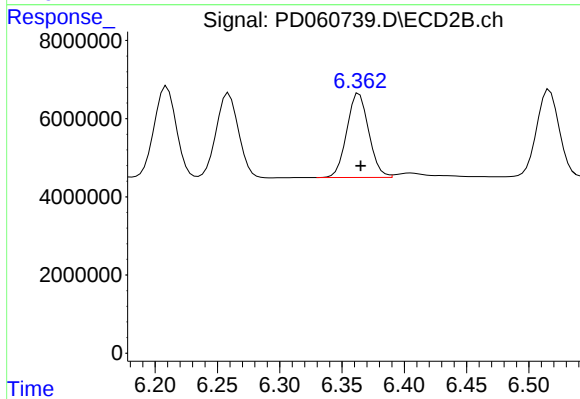
#11 alpha-Chlordane

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 29042683  
Conc: 5.07 ng/ml



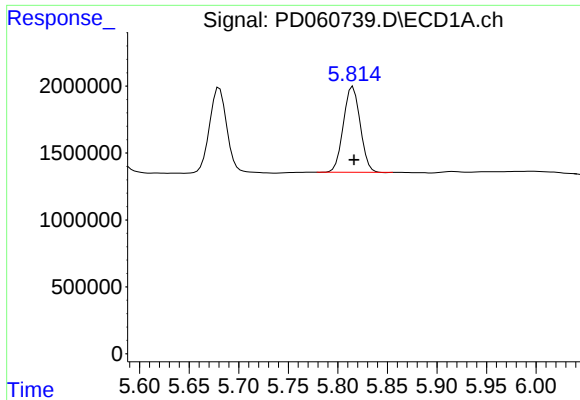
#12 4,4'-DDE

R.T.: 5.680 min  
Delta R.T.: 0.000 min  
Response: 7700588  
Conc: 5.09 ng/ml



#12 4,4'-DDE

R.T.: 6.362 min  
Delta R.T.: -0.003 min  
Response: 26548778  
Conc: 4.87 ng/ml m



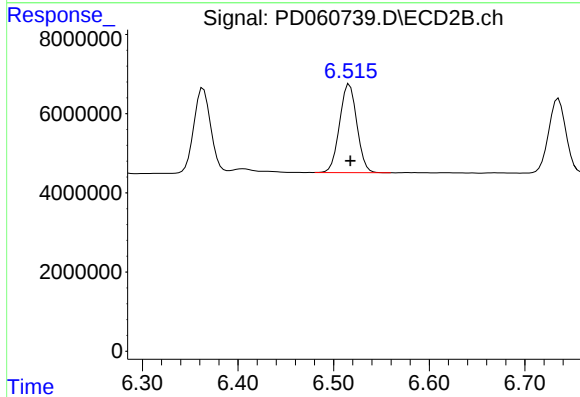
#13 Dieldrin

R.T.: 5.815 min  
Delta R.T.: -0.001 min  
Response: 7568214  
Conc: 4.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

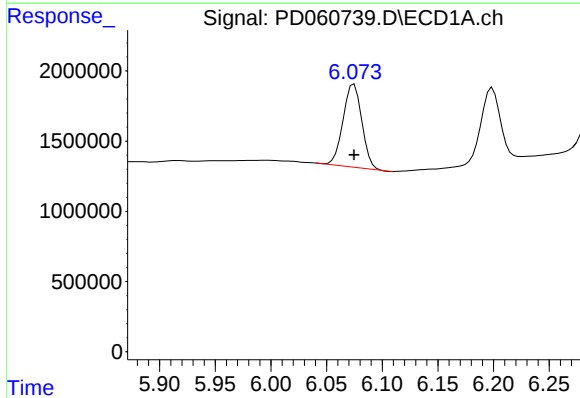
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



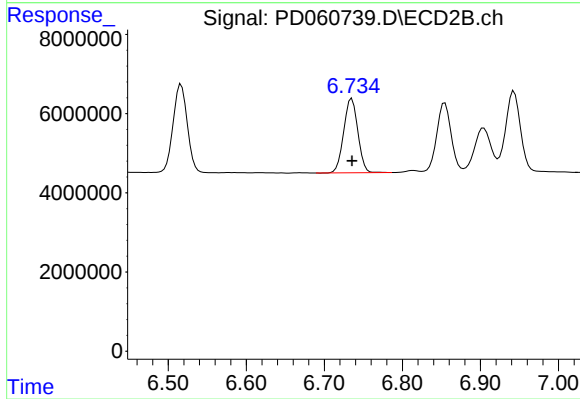
#13 Dieldrin

R.T.: 6.517 min  
Delta R.T.: -0.001 min  
Response: 28143572  
Conc: 4.91 ng/ml



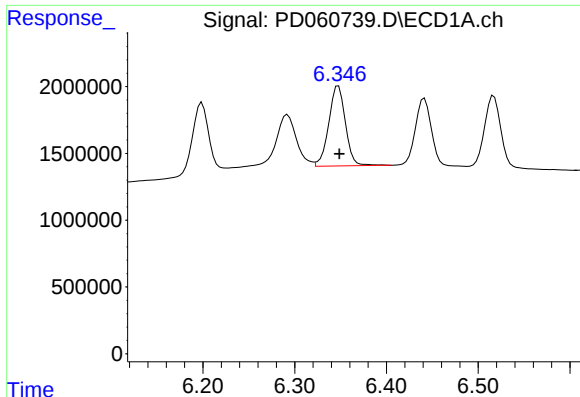
#14 Endrin

R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 6950787  
Conc: 5.08 ng/ml



#14 Endrin

R.T.: 6.735 min  
Delta R.T.: 0.000 min  
Response: 23594216  
Conc: 4.90 ng/ml



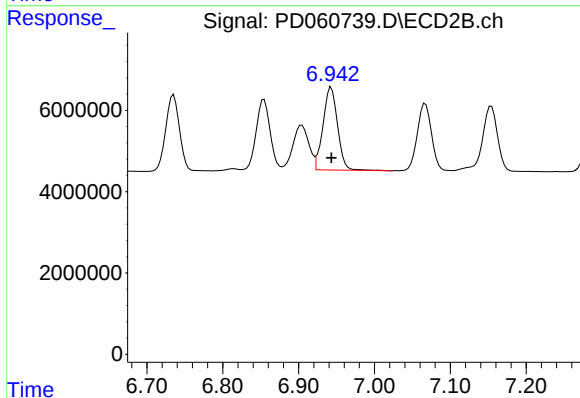
#15 Endosulfan II

R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 7609844  
Conc: 5.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

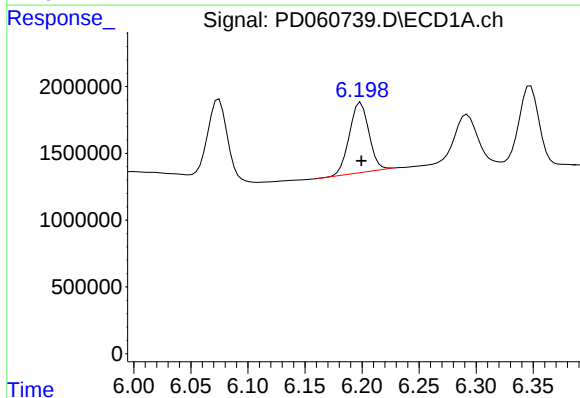
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



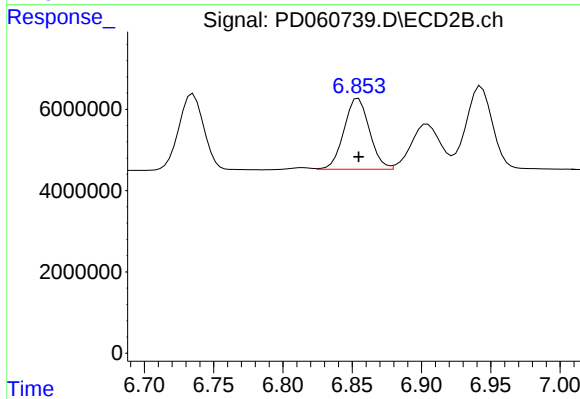
#15 Endosulfan II

R.T.: 6.943 min  
Delta R.T.: 0.000 min  
Response: 27121255  
Conc: 5.42 ng/ml



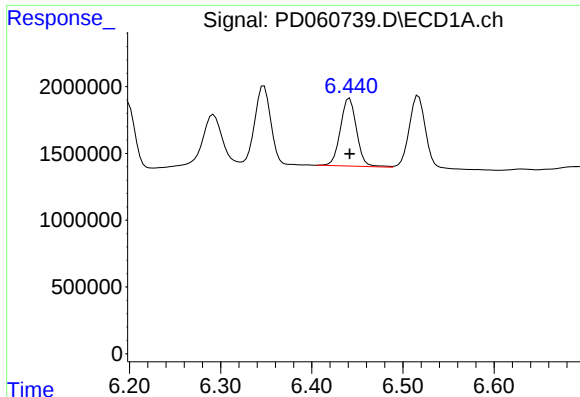
#16 4,4'-DDD

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 6201866  
Conc: 4.89 ng/ml



#16 4,4'-DDD

R.T.: 6.853 min  
Delta R.T.: -0.002 min  
Response: 22368991  
Conc: 4.97 ng/ml m



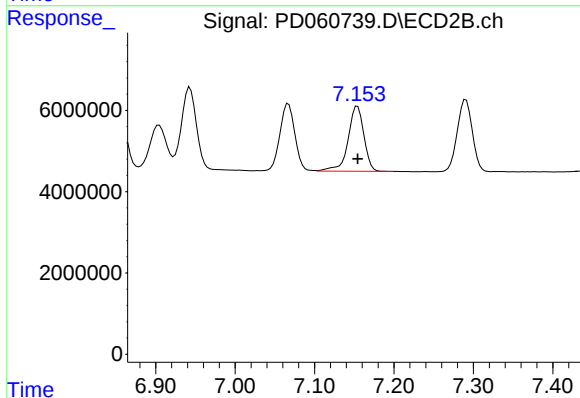
#17 4,4'-DDT

R.T.: 6.441 min  
Delta R.T.: 0.000 min  
Response: 6284668  
Conc: 4.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

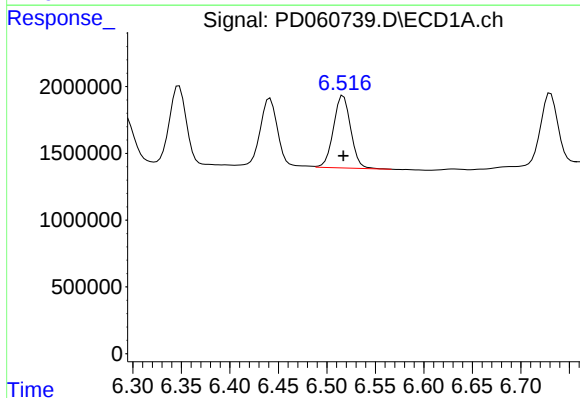
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



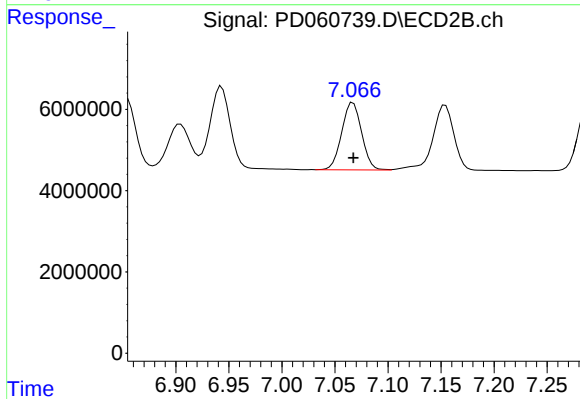
#17 4,4'-DDT

R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 22135026  
Conc: 4.83 ng/ml



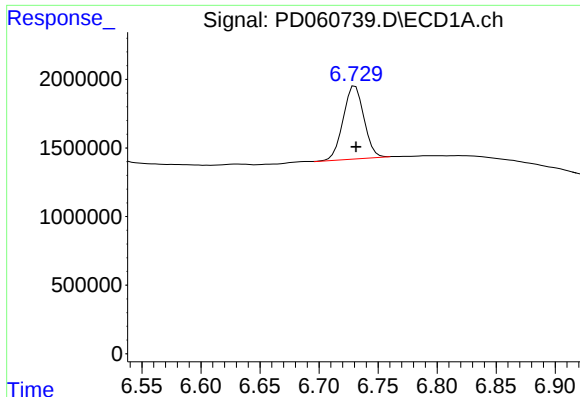
#18 Endrin aldehyde

R.T.: 6.517 min  
Delta R.T.: 0.000 min  
Response: 6685662  
Conc: 5.74 ng/ml



#18 Endrin aldehyde

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 21572368  
Conc: 5.24 ng/ml



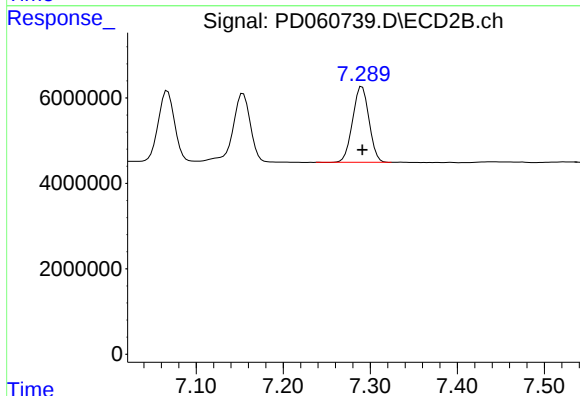
#19 Endosulfan Sulfate

R.T.: 6.729 min  
Delta R.T.: -0.002 min  
Response: 6539581  
Conc: 5.42 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

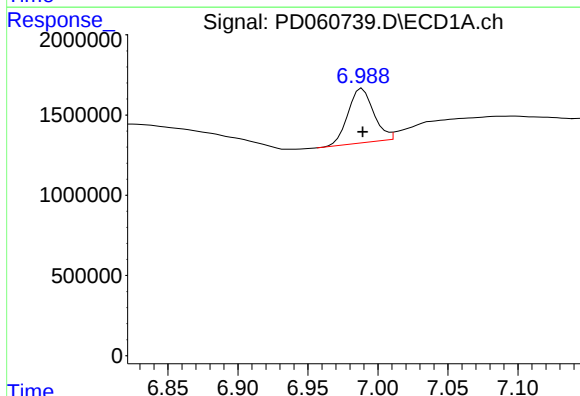
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



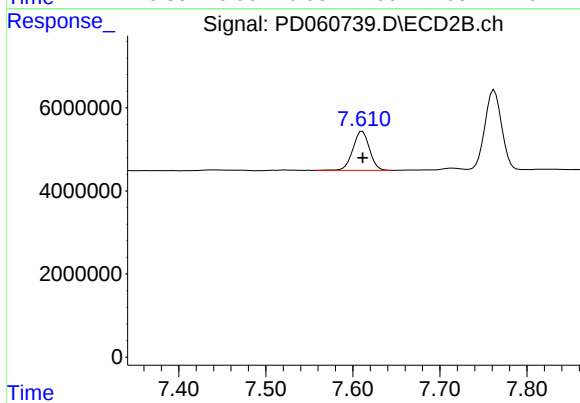
#19 Endosulfan Sulfate

R.T.: 7.291 min  
Delta R.T.: 0.000 min  
Response: 23279539  
Conc: 5.18 ng/ml



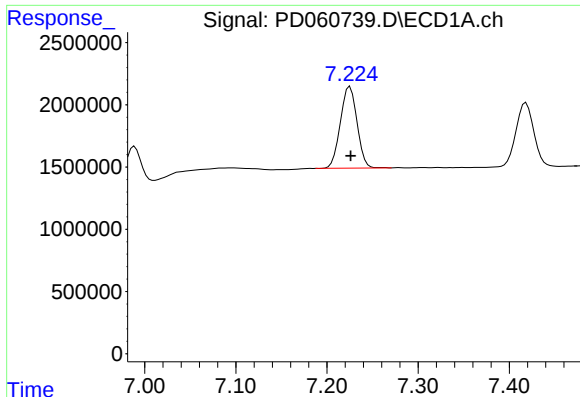
#20 Methoxychlor

R.T.: 6.989 min  
Delta R.T.: 0.000 min  
Response: 4299103  
Conc: 5.51 ng/ml



#20 Methoxychlor

R.T.: 7.611 min  
Delta R.T.: 0.000 min  
Response: 12496031  
Conc: 5.19 ng/ml



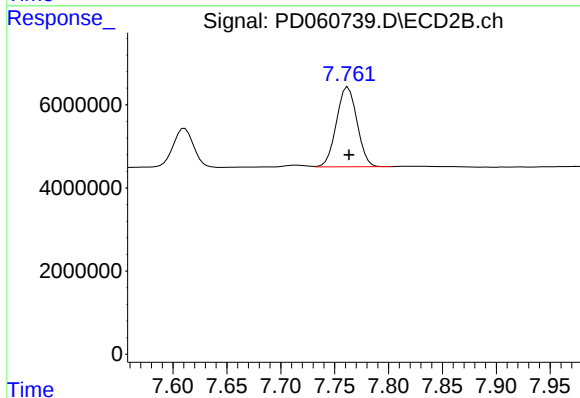
#21 Endrin ketone

R.T.: 7.225 min  
Delta R.T.: 0.000 min  
Response: 8339853  
Conc: 5.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

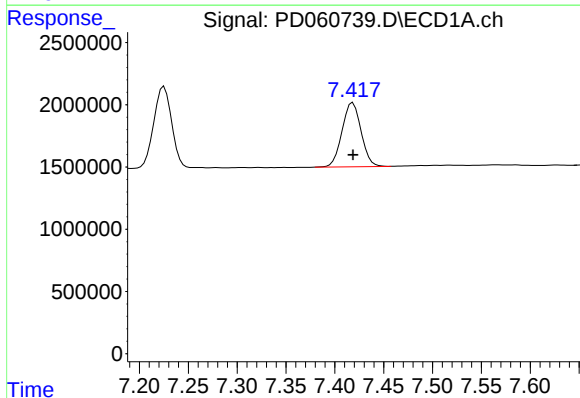
Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



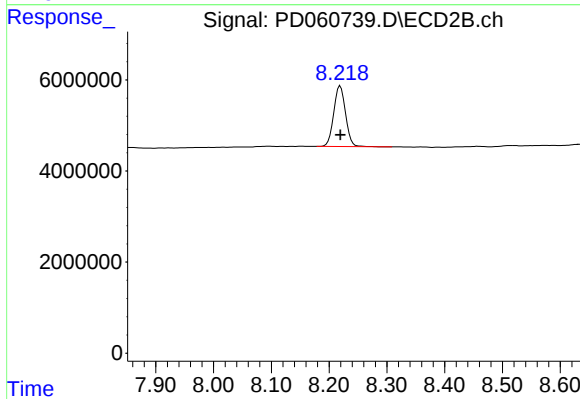
#21 Endrin ketone

R.T.: 7.763 min  
Delta R.T.: -0.001 min  
Response: 25516746  
Conc: 5.11 ng/ml



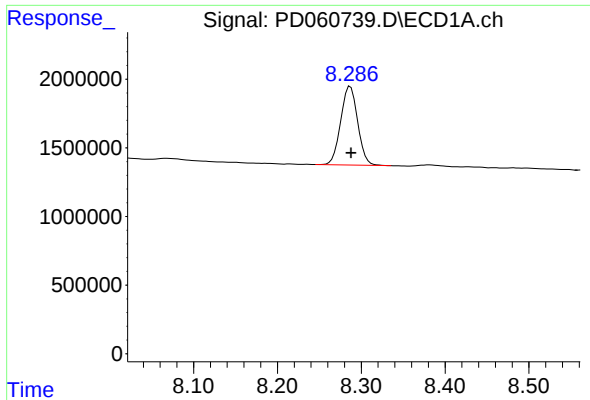
#22 Mirex

R.T.: 7.418 min  
Delta R.T.: 0.000 min  
Response: 7000695  
Conc: 5.84 ng/ml



#22 Mirex

R.T.: 8.219 min  
Delta R.T.: 0.000 min  
Response: 18921135  
Conc: 5.57 ng/ml



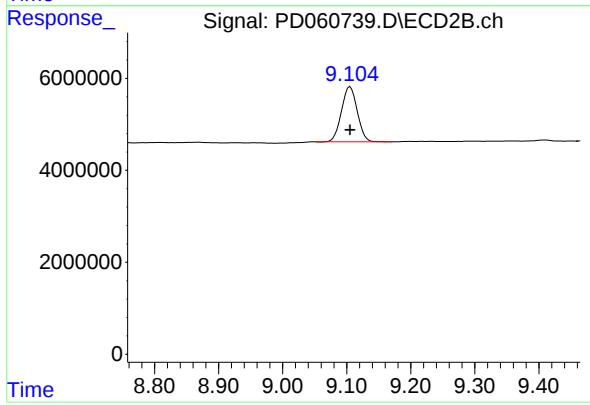
#28 Decachlorobiphenyl

R.T.: 8.287 min  
Delta R.T.: 0.000 min  
Response: 8074668  
Conc: 5.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

Manual Integrations  
APPROVED

Ankita  
12/17/2020 12:42:39 PM



#28 Decachlorobiphenyl

R.T.: 9.105 min  
Delta R.T.: 0.000 min  
Response: 20411337  
Conc: 5.45 ng/ml