

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110220\  
 Data File : PD060022.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Nov 2020 15:10  
 Operator : DD\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 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: Nov 03 01:08:08 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 03 01:05:23 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...          | 3.505 | 4.024 | 4792329 | 15940795 | 5.967 | 5.401  |
| 28) SA Decachlor...         | 8.305 | 9.112 | 4994470 | 13324445 | 6.074 | 6.025  |
| Target Compounds            |       |       |         |          |       |        |
| 2) A alpha-BHC              | 3.947 | 4.415 | 7168063 | 24030386 | 5.527 | 5.085  |
| 3) MA gamma-BHC...          | 4.233 | 4.700 | 6933457 | 21924009 | 5.643 | 5.055  |
| 4) MA Heptachlor            | 4.541 | 5.211 | 6881172 | 21495816 | 5.740 | 5.253m |
| 5) MB Aldrin                | 4.793 | 5.519 | 6660037 | 20044405 | 5.750 | 5.278  |
| 6) B beta-BHC               | 4.484 | 4.868 | 3147140 | 9963713  | 6.127 | 5.625  |
| 7) B delta-BHC              | 4.692 | 5.086 | 6802822 | 14219041 | 5.575 | 4.350m |
| 8) B Heptachlo...           | 5.239 | 5.906 | 6317832 | 16925944 | 5.852 | 5.331  |
| 9) A Endosulfan I           | 5.582 | 6.264 | 6016452 | 17601739 | 5.911 | 5.394  |
| 10) B gamma-Chl...          | 5.468 | 6.140 | 6353297 | 19001021 | 5.831 | 5.361  |
| 11) B alpha-Chl...          | 5.528 | 6.214 | 6329140 | 19090380 | 5.848 | 5.424  |
| 12) B 4,4'-DDE              | 5.692 | 6.369 | 6365745 | 17219669 | 5.850 | 5.109  |
| 13) MA Dieldrin             | 5.827 | 6.521 | 6332665 | 18578620 | 5.725 | 5.270  |
| 14) MA Endrin               | 6.087 | 6.740 | 5650846 | 15163946 | 5.826 | 5.081  |
| 15) B Endosulfa...          | 6.361 | 6.948 | 5888967 | 17118356 | 6.065 | 5.710  |
| 16) A 4,4'-DDD              | 6.212 | 6.859 | 5541688 | 13899330 | 6.075 | 5.014  |
| 17) MA 4,4'-DDT             | 6.456 | 7.159 | 5215690 | 14830540 | 5.529 | 5.179  |
| 18) B Endrin al...          | 6.530 | 7.072 | 4971186 | 14210828 | 6.220 | 5.629  |
| 19) B Endosulfa...          | 6.745 | 7.295 | 5188866 | 16148353 | 6.021 | 5.717  |
| 20) A Methoxychlor          | 7.005 | 7.617 | 2522307 | 8543514  | 5.073 | 5.535  |
| 21) B Endrin ke...          | 7.240 | 7.768 | 6310094 | 17073899 | 5.899 | 5.531  |
| 22) Mirex                   | 7.435 | 8.225 | 5136609 | 10981558 | 6.807 | 5.842  |
| -----                       |       |       |         |          |       |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110220\  
Data File : PD060022.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Nov 2020 15:10  
Operator : DD\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

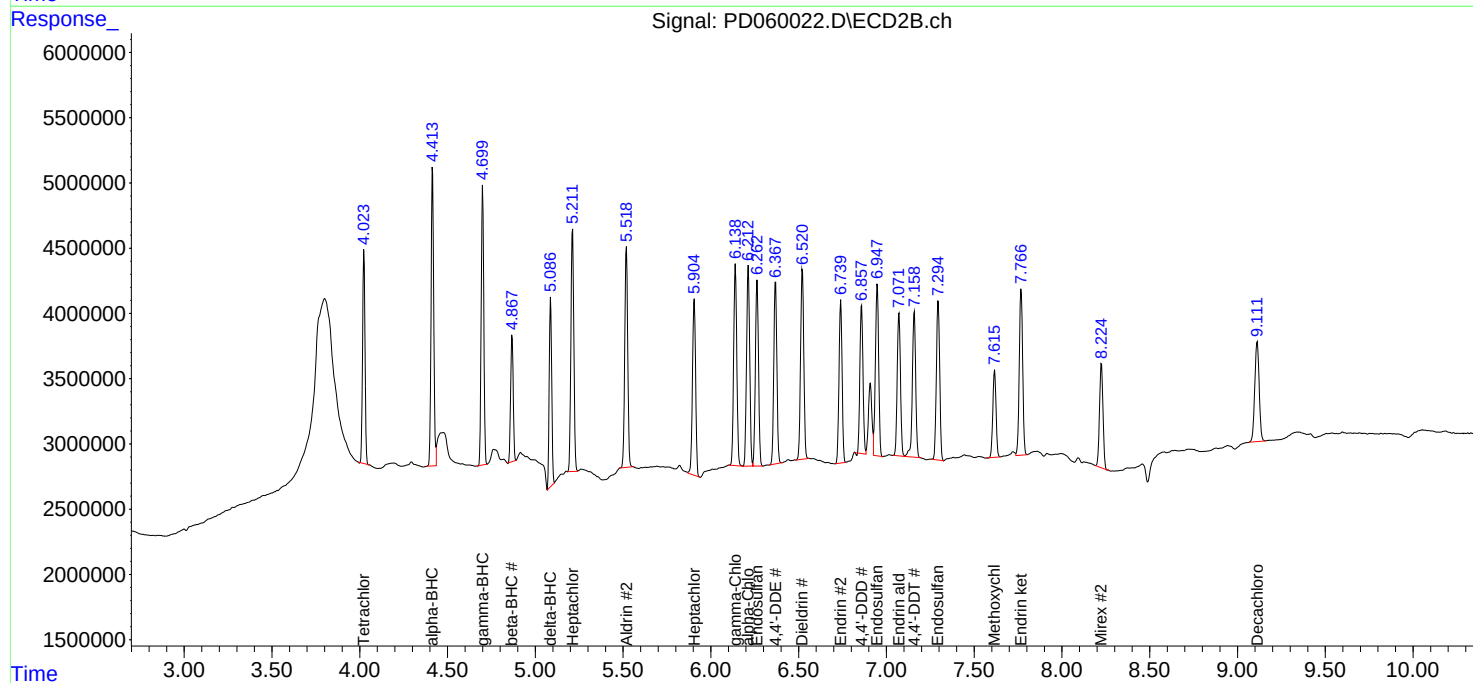
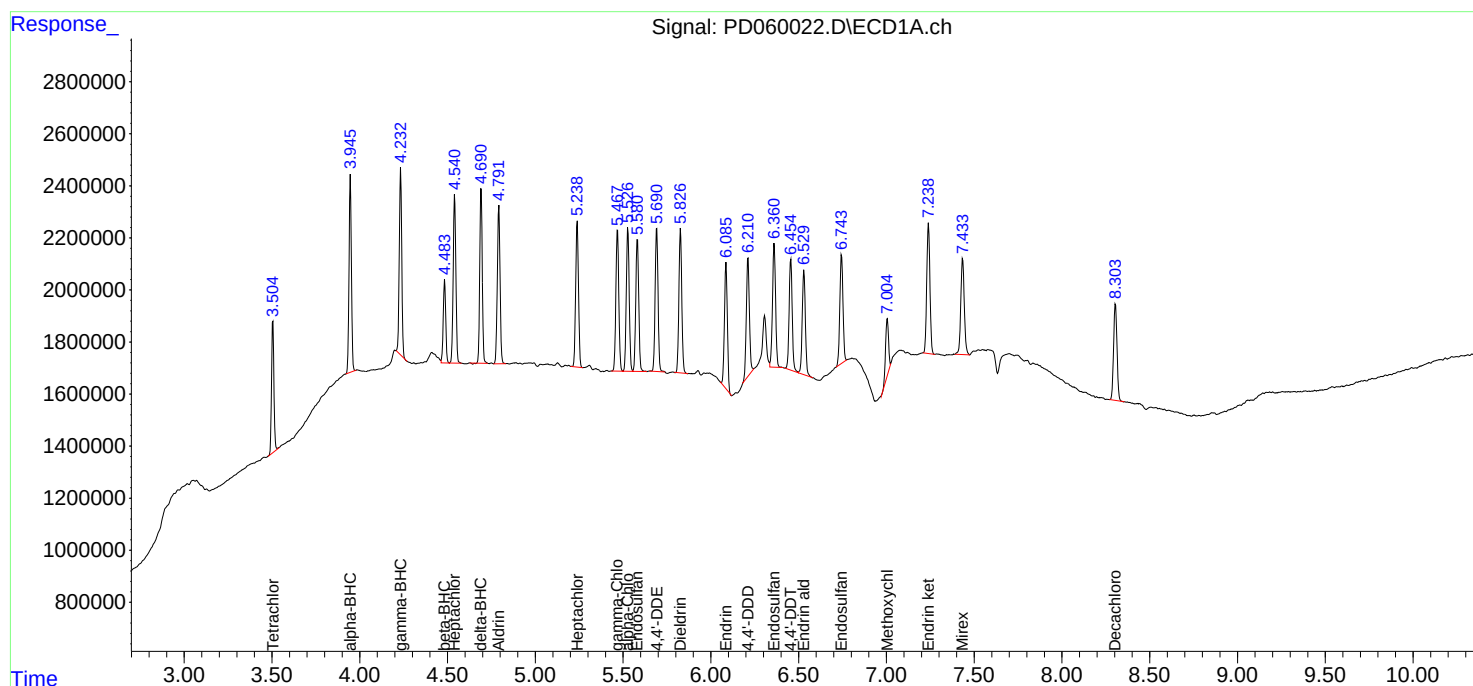
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

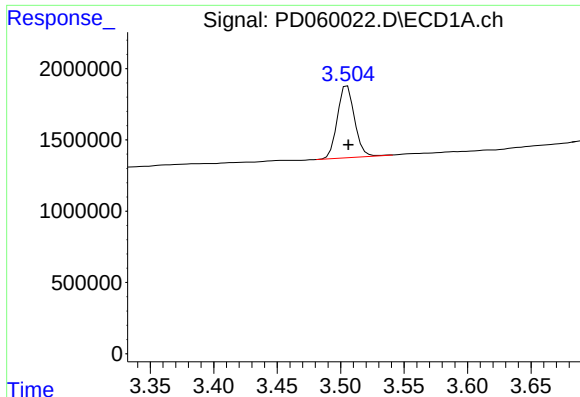
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 03 01:08:08 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110220.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 03 01:05:23 2020  
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





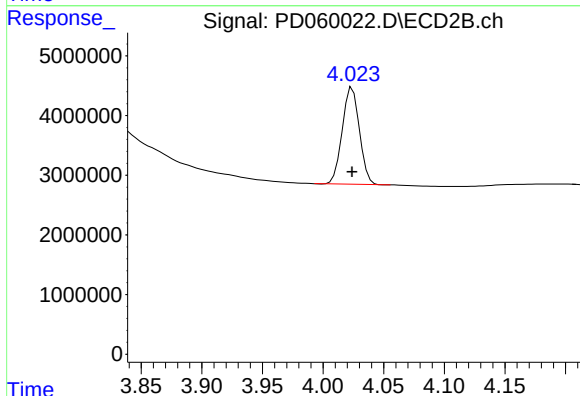
#1 Tetrachloro-m-xylene

R.T.: 3.505 min  
Delta R.T.: 0.000 min  
Response: 4792329  
Conc: 5.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

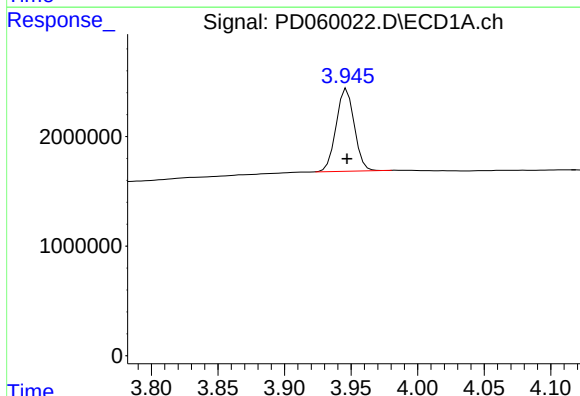
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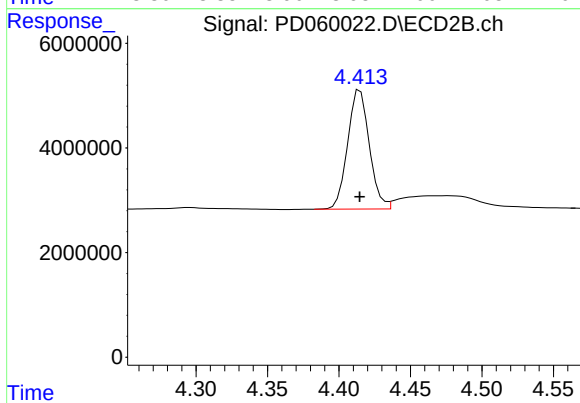
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 15940795  
Conc: 5.40 ng/ml



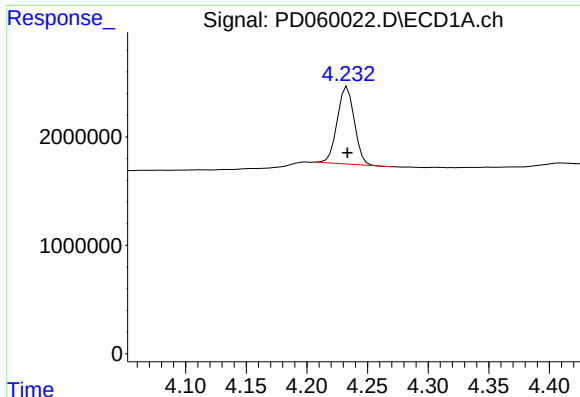
#2 alpha-BHC

R.T.: 3.947 min  
Delta R.T.: 0.000 min  
Response: 7168063  
Conc: 5.53 ng/ml



#2 alpha-BHC

R.T.: 4.415 min  
Delta R.T.: 0.000 min  
Response: 24030386  
Conc: 5.08 ng/ml



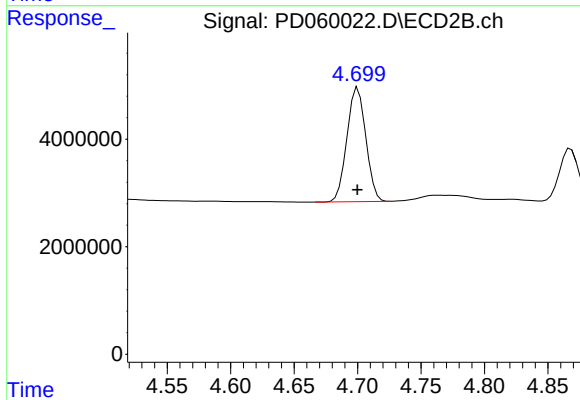
#3 gamma-BHC (Lindane)

R.T.: 4.233 min  
Delta R.T.: 0.000 min  
Response: 6933457  
Conc: 5.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

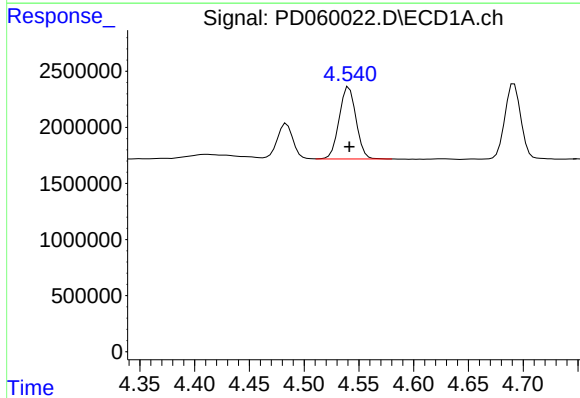
Manual Integrations  
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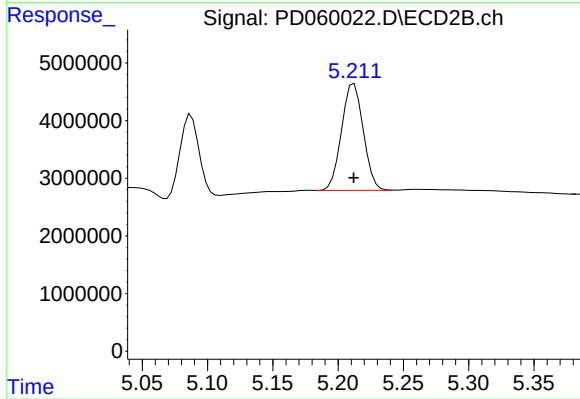
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: 0.000 min  
Response: 21924009  
Conc: 5.06 ng/ml



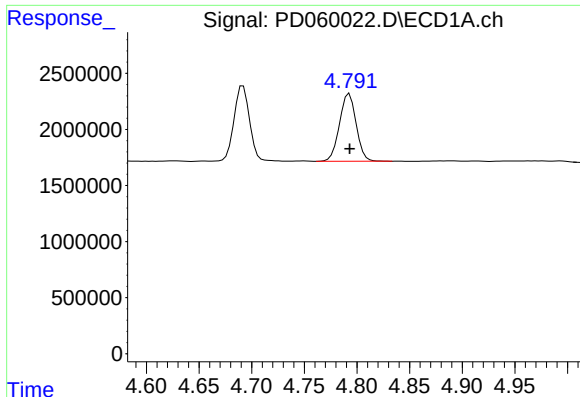
#4 Heptachlor

R.T.: 4.541 min  
Delta R.T.: 0.000 min  
Response: 6881172  
Conc: 5.74 ng/ml



#4 Heptachlor

R.T.: 5.211 min  
Delta R.T.: -0.001 min  
Response: 21495816  
Conc: 5.25 ng/ml m



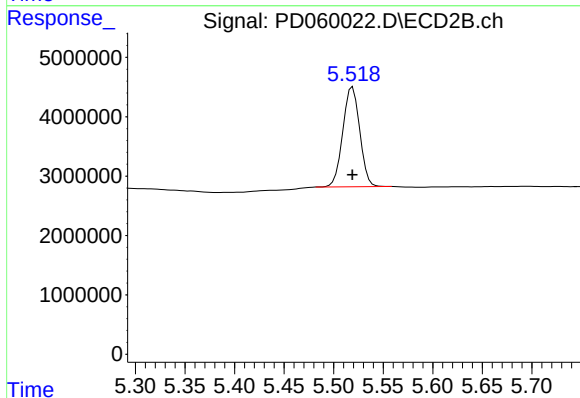
#5 Aldrin

R.T.: 4.793 min  
Delta R.T.: 0.000 min  
Response: 6660037  
Conc: 5.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

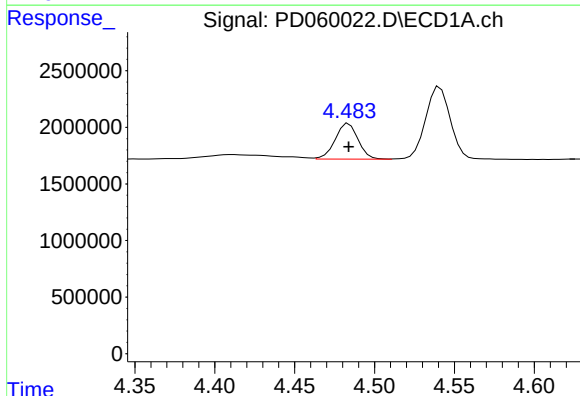
Manual Integrations  
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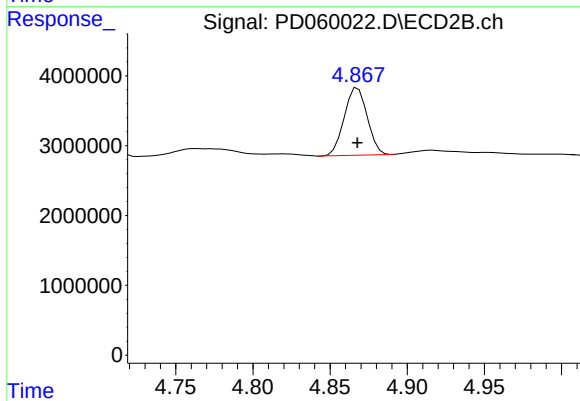
#5 Aldrin

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 20044405  
Conc: 5.28 ng/ml



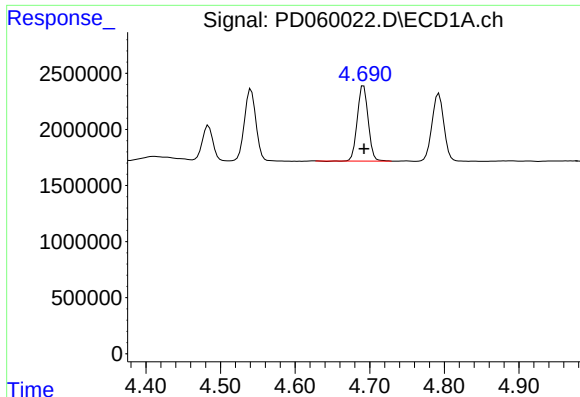
#6 beta-BHC

R.T.: 4.484 min  
Delta R.T.: 0.000 min  
Response: 3147140  
Conc: 6.13 ng/ml



#6 beta-BHC

R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 9963713  
Conc: 5.62 ng/ml



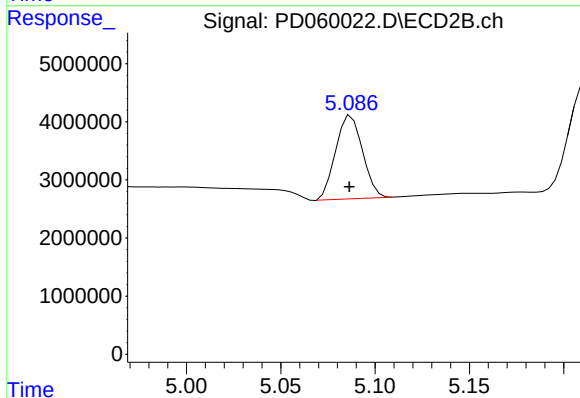
#7 delta-BHC

R.T.: 4.692 min  
Delta R.T.: 0.000 min  
Response: 6802822  
Conc: 5.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

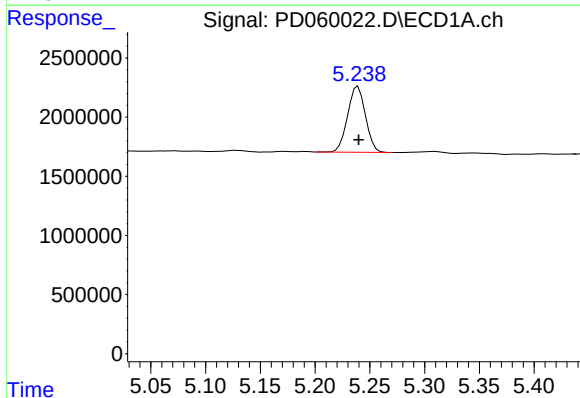
Manual Integrations  
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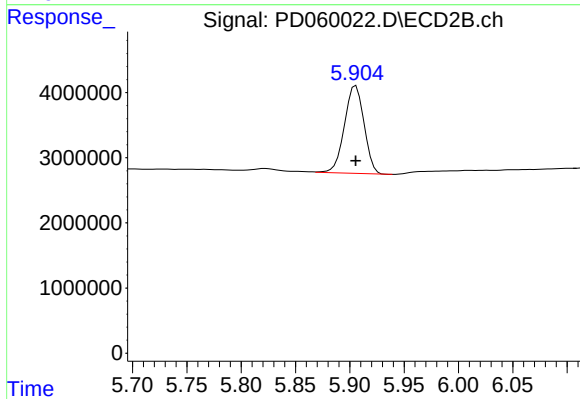
#7 delta-BHC

R.T.: 5.086 min  
Delta R.T.: 0.000 min  
Response: 14219041  
Conc: 4.35 ng/ml m



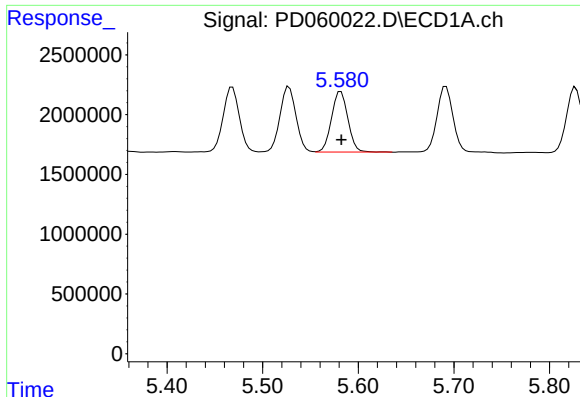
#8 Heptachlor epoxide

R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 6317832  
Conc: 5.85 ng/ml



#8 Heptachlor epoxide

R.T.: 5.906 min  
Delta R.T.: 0.000 min  
Response: 16925944  
Conc: 5.33 ng/ml



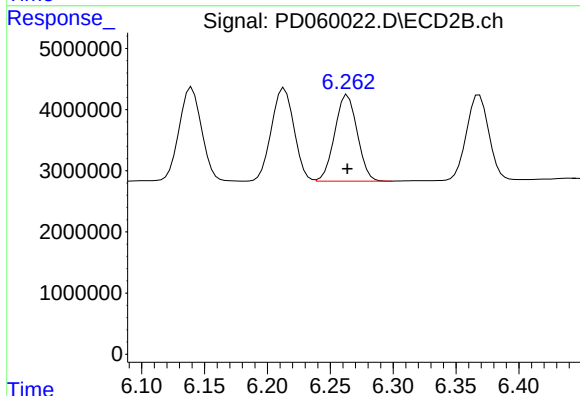
#9 Endosulfan I

R.T.: 5.582 min  
Delta R.T.: 0.000 min  
Response: 6016452  
Conc: 5.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

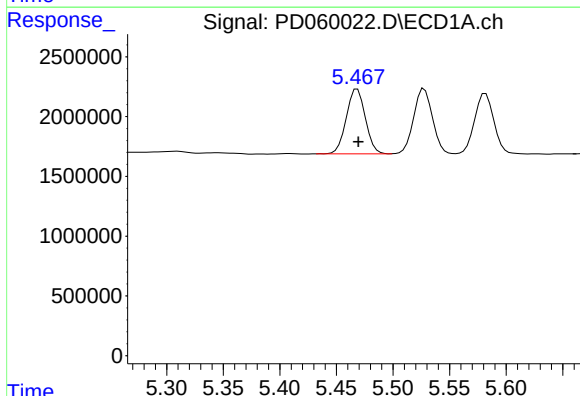
Manual Integrations  
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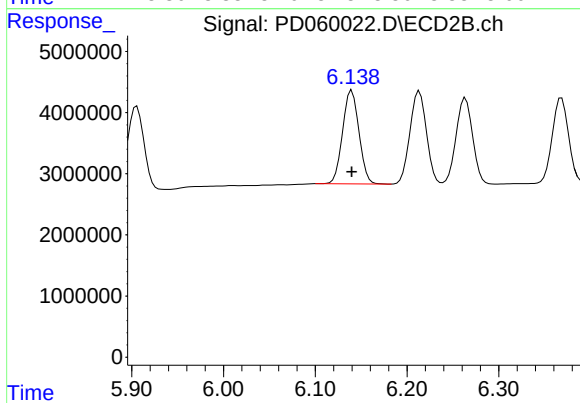
#9 Endosulfan I

R.T.: 6.264 min  
Delta R.T.: 0.000 min  
Response: 17601739  
Conc: 5.39 ng/ml



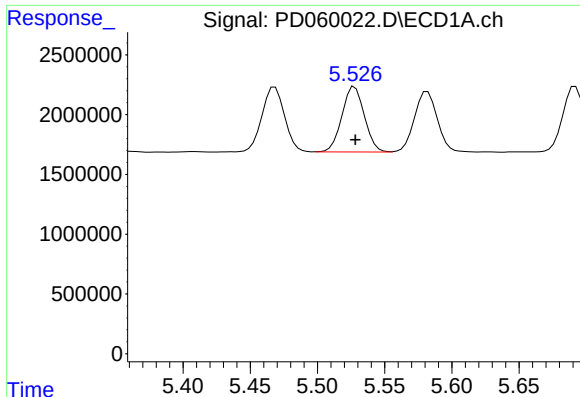
#10 gamma-Chlordane

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 6353297  
Conc: 5.83 ng/ml



#10 gamma-Chlordane

R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 19001021  
Conc: 5.36 ng/ml



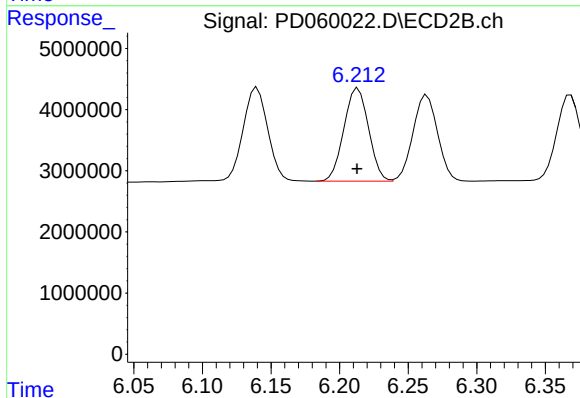
#11 alpha-Chlordane

R.T.: 5.528 min  
Delta R.T.: 0.000 min  
Response: 6329140  
Conc: 5.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

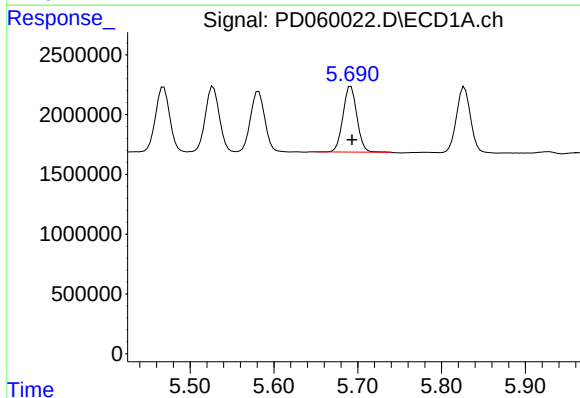
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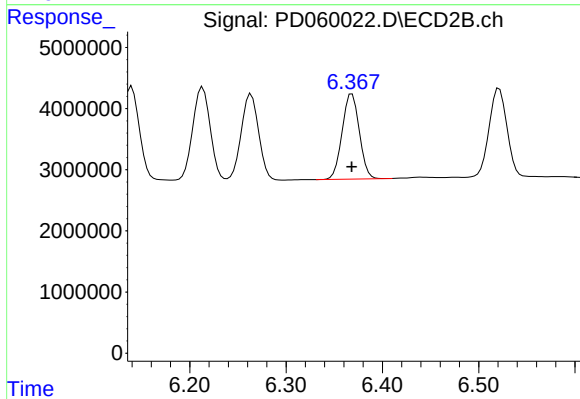
#11 alpha-Chlordane

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 19090380  
Conc: 5.42 ng/ml



#12 4,4'-DDE

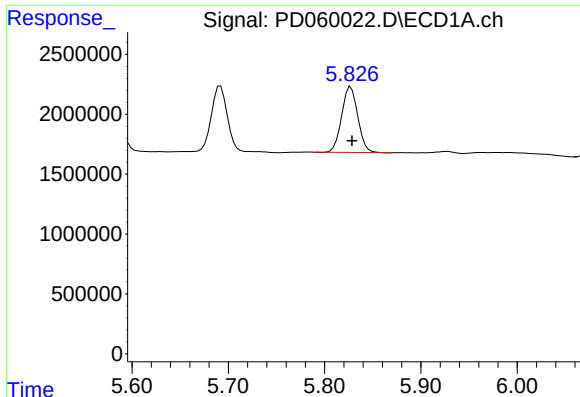
R.T.: 5.692 min  
Delta R.T.: -0.001 min  
Response: 6365745  
Conc: 5.85 ng/ml



#12 4,4'-DDE

R.T.: 6.369 min  
Delta R.T.: 0.000 min  
Response: 17219669  
Conc: 5.11 ng/ml





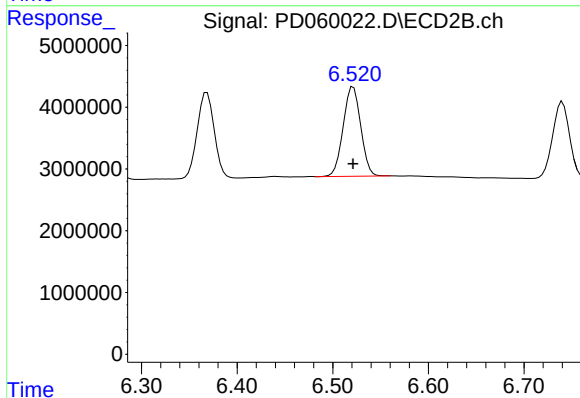
#13 Dieldrin

R.T.: 5.827 min  
Delta R.T.: -0.001 min  
Response: 6332665  
Conc: 5.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

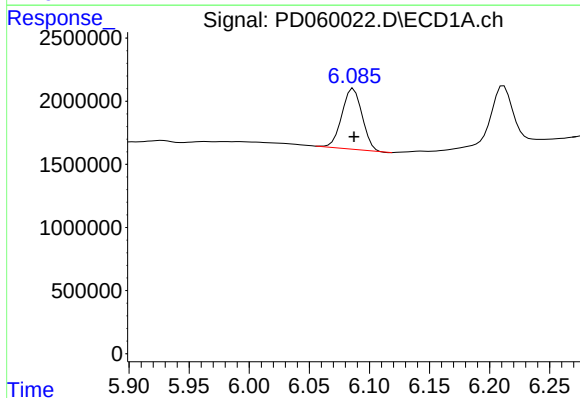
Manual Integrations  
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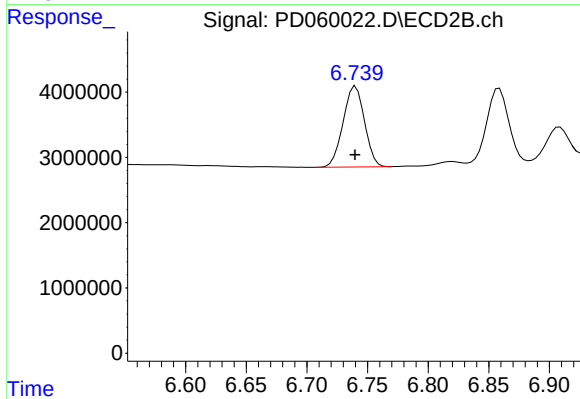
#13 Dieldrin

R.T.: 6.521 min  
Delta R.T.: 0.000 min  
Response: 18578620  
Conc: 5.27 ng/ml



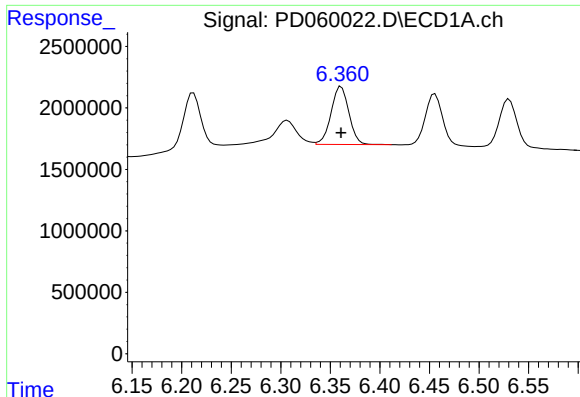
#14 Endrin

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 5650846  
Conc: 5.83 ng/ml



#14 Endrin

R.T.: 6.740 min  
Delta R.T.: 0.000 min  
Response: 15163946  
Conc: 5.08 ng/ml



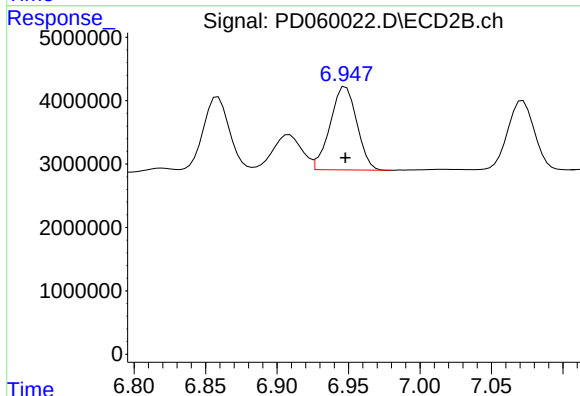
#15 Endosulfan II

R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 5888967  
Conc: 6.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

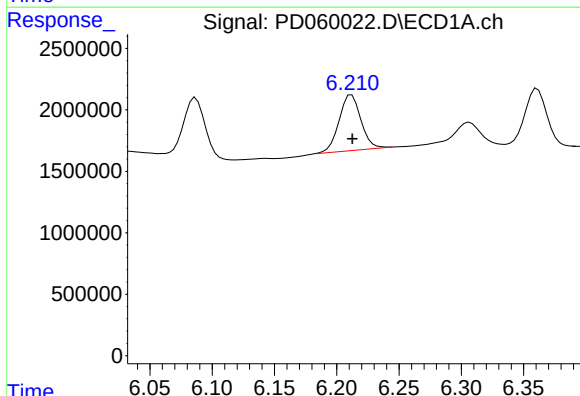
Manual Integrations  
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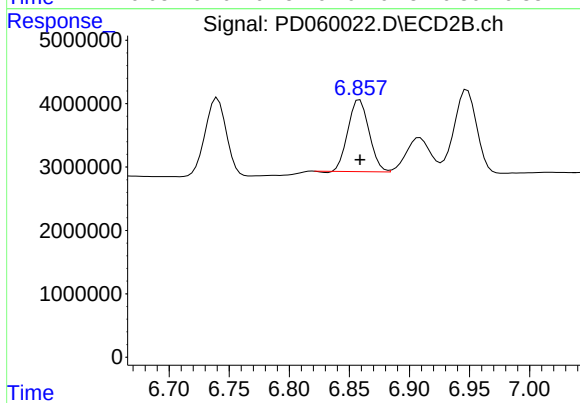
#15 Endosulfan II

R.T.: 6.948 min  
Delta R.T.: 0.000 min  
Response: 17118356  
Conc: 5.71 ng/ml



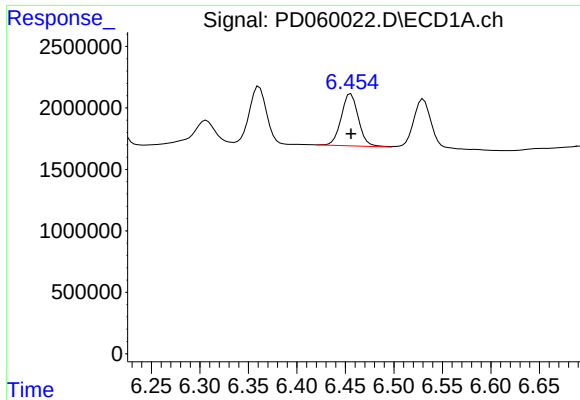
#16 4,4'-DDD

R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 5541688  
Conc: 6.07 ng/ml



#16 4,4'-DDD

R.T.: 6.859 min  
Delta R.T.: 0.000 min  
Response: 13899330  
Conc: 5.01 ng/ml



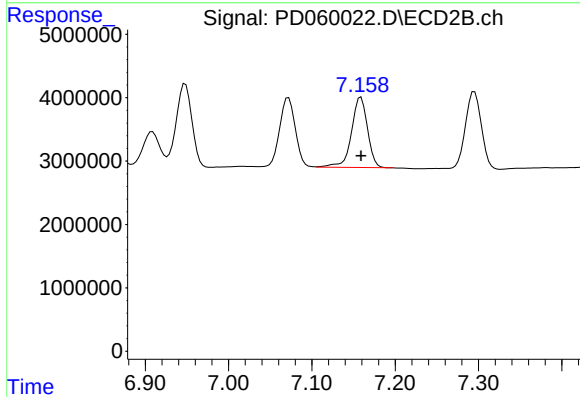
#17 4,4'-DDT

R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 5215690  
Conc: 5.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

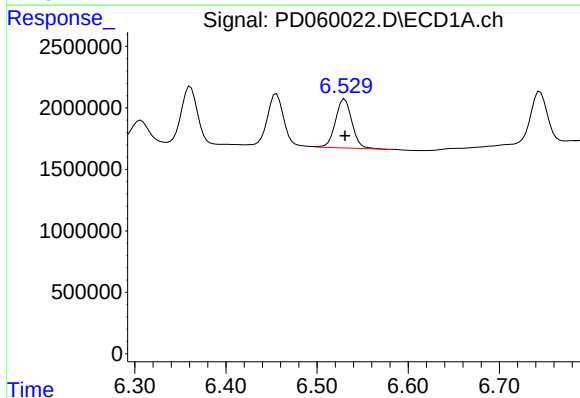
Manual Integrations  
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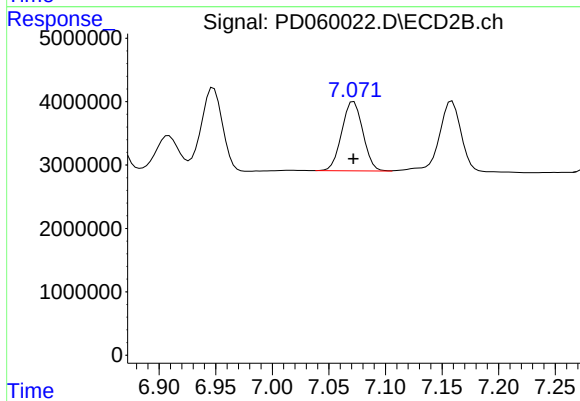
#17 4,4'-DDT

R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 14830540  
Conc: 5.18 ng/ml



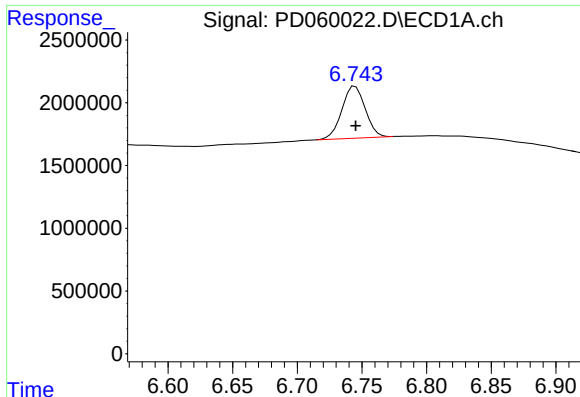
#18 Endrin aldehyde

R.T.: 6.530 min  
Delta R.T.: 0.000 min  
Response: 4971186  
Conc: 6.22 ng/ml



#18 Endrin aldehyde

R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 14210828  
Conc: 5.63 ng/ml



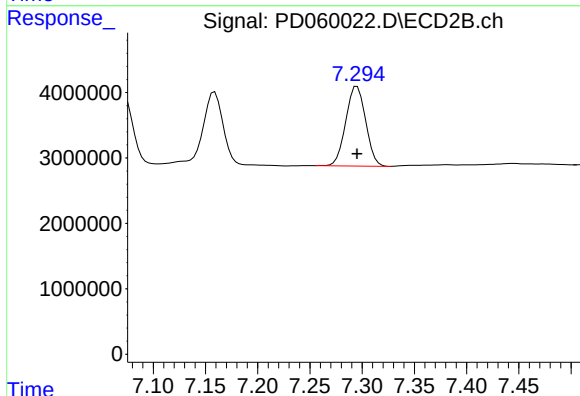
#19 Endosulfan Sulfate

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 5188866  
Conc: 6.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

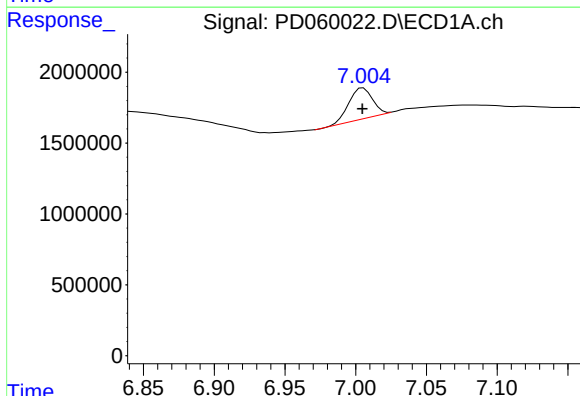
Manual Integrations  
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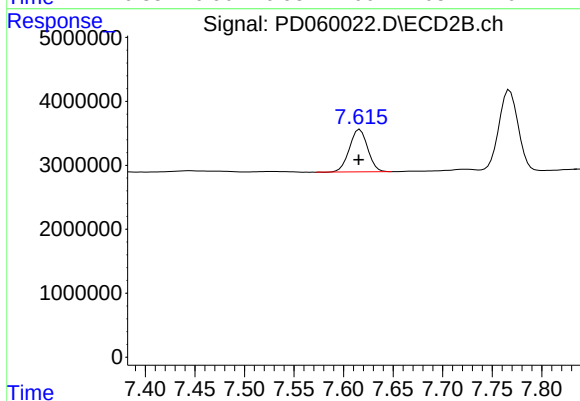
#19 Endosulfan Sulfate

R.T.: 7.295 min  
Delta R.T.: 0.000 min  
Response: 16148353  
Conc: 5.72 ng/ml



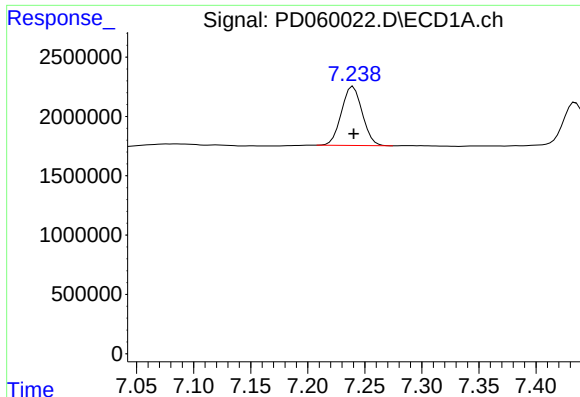
#20 Methoxychlor

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 2522307  
Conc: 5.07 ng/ml



#20 Methoxychlor

R.T.: 7.617 min  
Delta R.T.: 0.001 min  
Response: 8543514  
Conc: 5.53 ng/ml



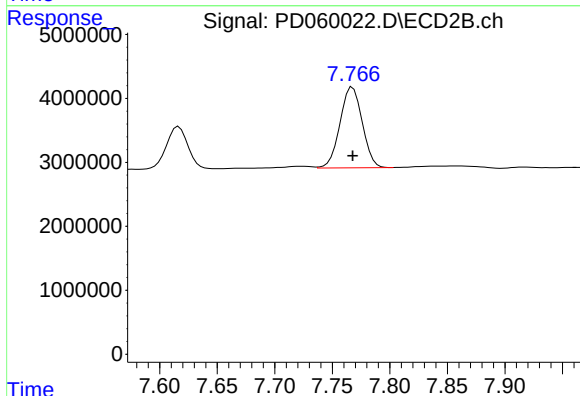
#21 Endrin ketone

R.T.: 7.240 min  
Delta R.T.: 0.000 min  
Response: 6310094  
Conc: 5.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

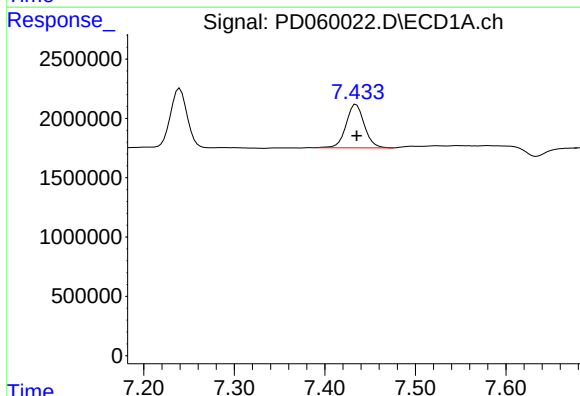
Manual Integrations  
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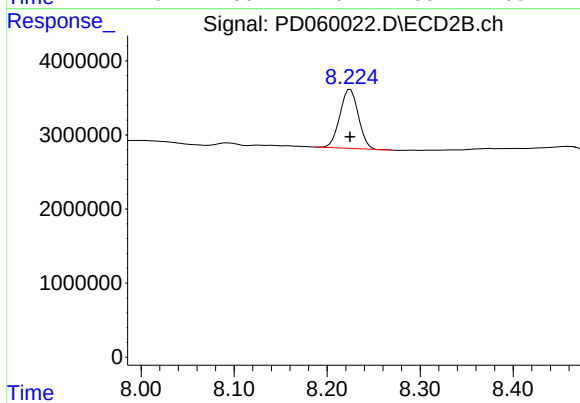
#21 Endrin ketone

R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 17073899  
Conc: 5.53 ng/ml



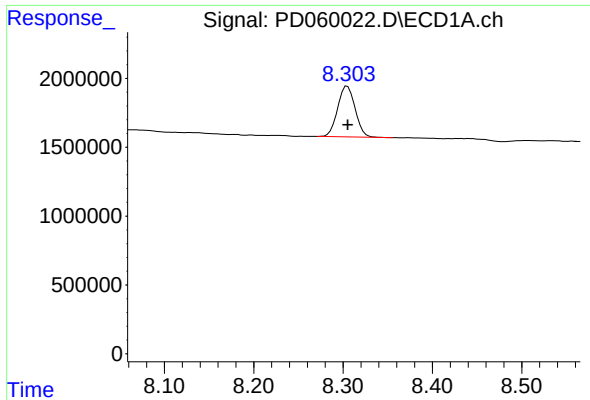
#22 Mirex

R.T.: 7.435 min  
Delta R.T.: 0.000 min  
Response: 5136609  
Conc: 6.81 ng/ml



#22 Mirex

R.T.: 8.225 min  
Delta R.T.: 0.000 min  
Response: 10981558  
Conc: 5.84 ng/ml



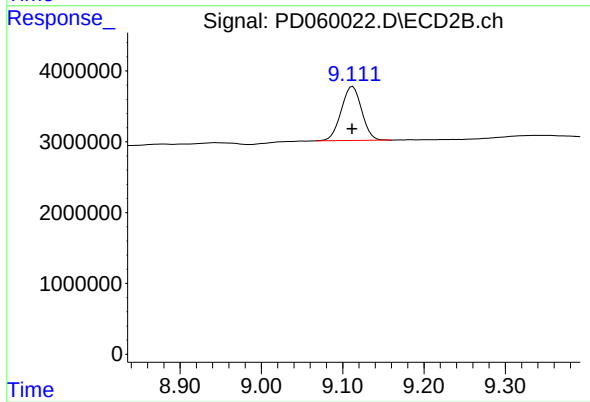
#28 Decachlorobiphenyl

R.T.: 8.305 min  
Delta R.T.: 0.000 min  
Response: 4994470  
Conc: 6.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005

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#28 Decachlorobiphenyl

R.T.: 9.112 min  
Delta R.T.: 0.001 min  
Response: 13324445  
Conc: 6.03 ng/ml