

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033021\  
 Data File : PD061890.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Mar 2021 20:20  
 Operator : AR\AJ  
 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: Mar 31 04:41:54 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 2021  
 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... | 3.485 | 3.981 | 51146163 | 504.9E6 | 61.085  | 58.113   |
| 28)                         | SA Decachlor... | 8.256 | 9.038 | 70895888 | 472.0E6 | 57.619  | 49.995   |
| Target Compounds            |                 |       |       |          |         |         |          |
| 2)                          | A alpha-BHC     | 3.925 | 4.370 | 81665527 | 805.5E6 | 64.659  | 59.883   |
| 3)                          | MA gamma-BHC... | 4.210 | 4.654 | 75953968 | 727.4E6 | 63.974  | 58.316   |
| 4)                          | MA Heptachlor   | 4.513 | 5.163 | 74169372 | 702.4E6 | 63.710  | 53.903   |
| 5)                          | MB Aldrin       | 4.763 | 5.467 | 74370975 | 683.2E6 | 61.969  | 54.903   |
| 6)                          | B beta-BHC      | 4.459 | 4.824 | 34185747 | 303.0E6 | 62.689  | 58.655   |
| 7)                          | B delta-BHC     | 4.666 | 5.040 | 77926630 | 731.4E6 | 64.147  | 55.298   |
| 8)                          | B Heptachlo...  | 5.207 | 5.852 | 70600573 | 685.7E6 | 61.588  | 57.911   |
| 9)                          | A Endosulfan I  | 5.547 | 6.209 | 67551798 | 573.3E6 | 61.516  | 52.889   |
| 10)                         | B gamma-Chl...  | 5.434 | 6.086 | 72221302 | 628.6E6 | 61.656  | 53.027   |
| 11)                         | B alpha-Chl...  | 5.493 | 6.159 | 70450098 | 587.0E6 | 60.627  | 51.490   |
| 12)                         | B 4,4'-DDE      | 5.654 | 6.316 | 69891626 | 588.4E6 | 62.199m | 51.055   |
| 13)                         | MA Dieldrin     | 5.791 | 6.466 | 72629149 | 604.6E6 | 62.834  | 52.377   |
| 14)                         | MA Endrin       | 6.050 | 6.683 | 56308558 | 429.3E6 | 54.801  | 43.377   |
| 15)                         | B Endosulfa...  | 6.323 | 6.892 | 59758020 | 481.1E6 | 58.307  | 50.672   |
| 16)                         | A 4,4'-DDD      | 6.173 | 6.805 | 60109753 | 475.6E6 | 64.590  | 50.230   |
| 17)                         | MA 4,4'-DDT     | 6.415 | 7.104 | 49536555 | 410.6E6 | 54.996  | 42.986   |
| 18)                         | B Endrin al...  | 6.491 | 7.016 | 51924981 | 415.7E6 | 60.776  | 52.855   |
| 19)                         | B Endosulfa...  | 6.705 | 7.239 | 61884107 | 476.0E6 | 57.351  | 47.498   |
| 20)                         | A Methoxychlor  | 6.961 | 7.561 | 31534646 | 208.1E6 | 66.740  | 46.163 # |
| 21)                         | B Endrin ke...  | 7.198 | 7.709 | 74799353 | 472.5E6 | 58.609  | 46.584   |
| 22)                         | Mirex           | 7.390 | 8.164 | 51565327 | 287.5E6 | 62.980  | 44.607 # |
| -----                       |                 |       |       |          |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033021\  
Data File : PD061890.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Mar 2021 20:20  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

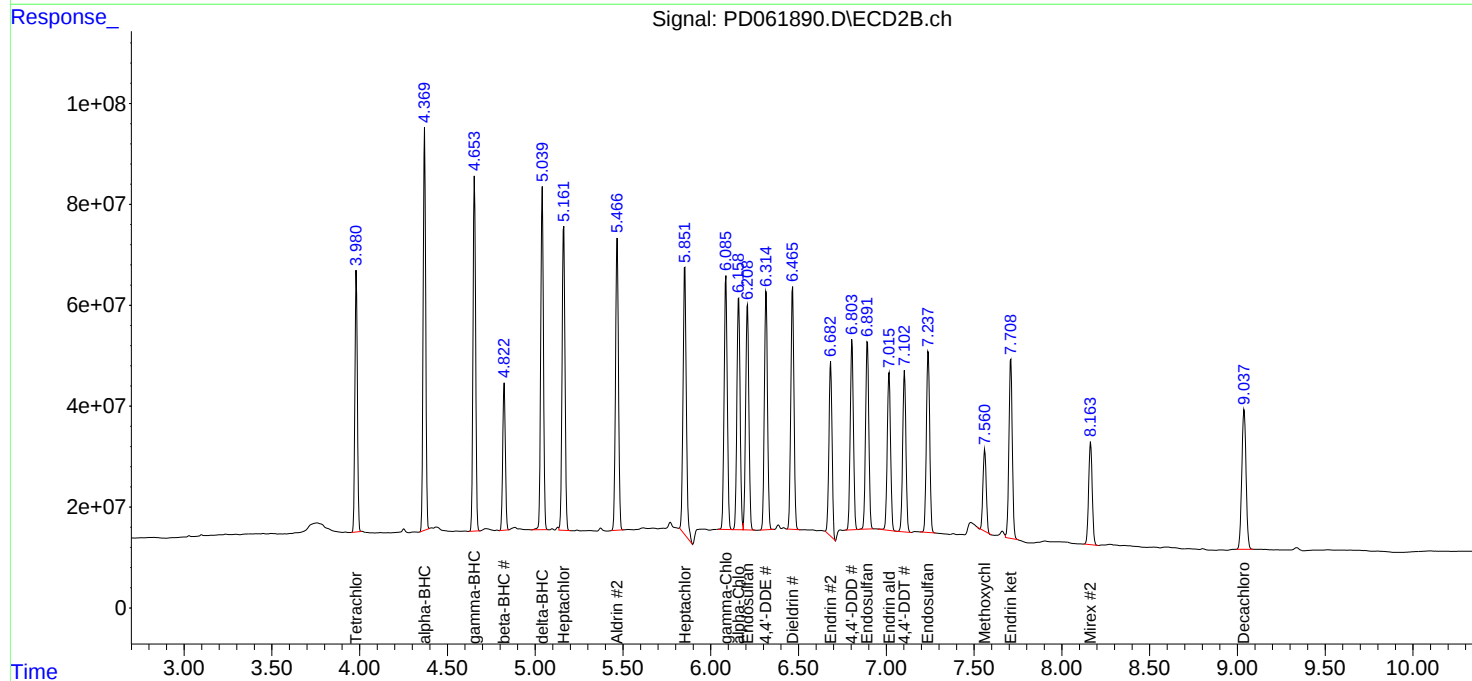
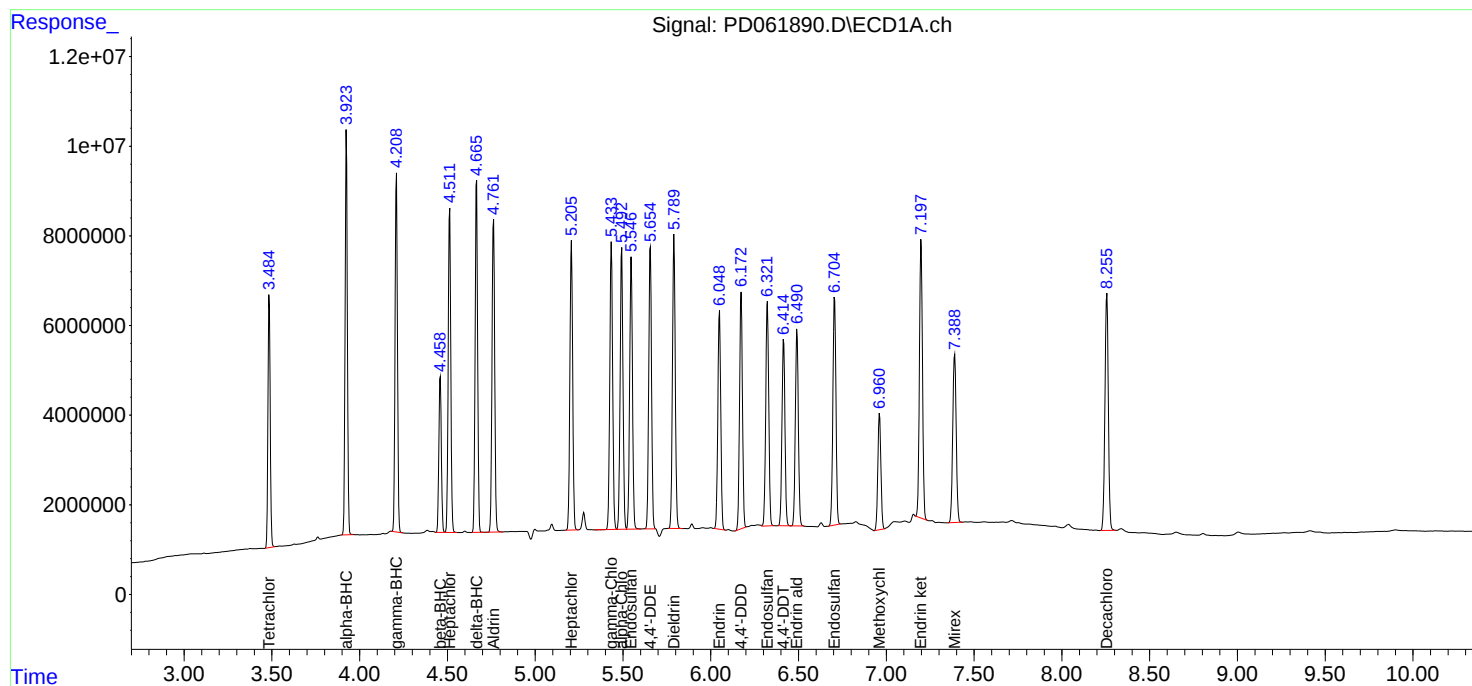
Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

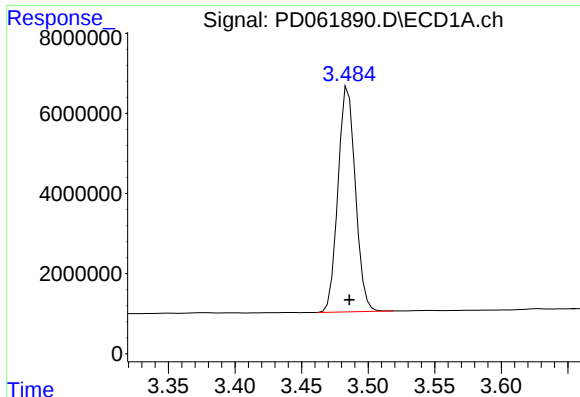
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 31 04:41:54 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 30 04:47:56 2021  
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





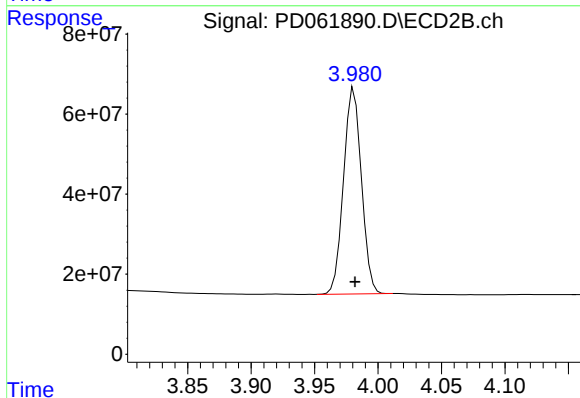
#1 Tetrachloro-m-xylene

R.T.: 3.485 min  
Delta R.T.: 0.000 min  
Response: 51146163  
Conc: 61.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

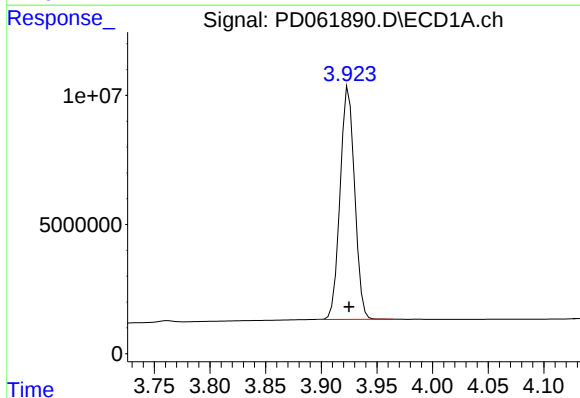
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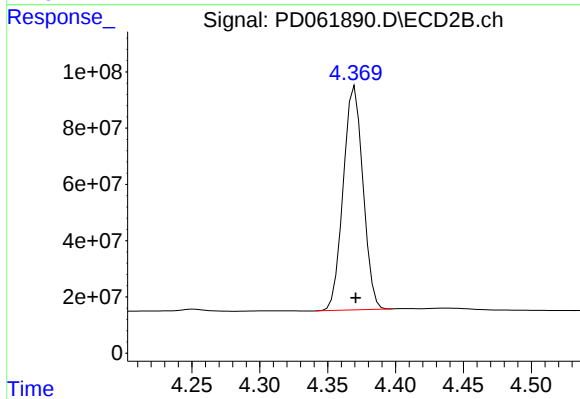
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 504937094  
Conc: 58.11 ng/ml



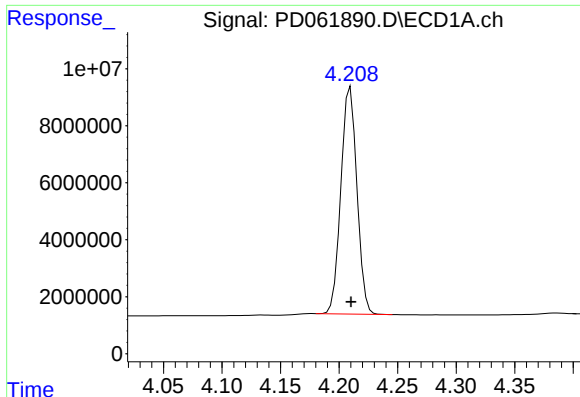
#2 alpha-BHC

R.T.: 3.925 min  
Delta R.T.: 0.000 min  
Response: 81665527  
Conc: 64.66 ng/ml



#2 alpha-BHC

R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 805476635  
Conc: 59.88 ng/ml



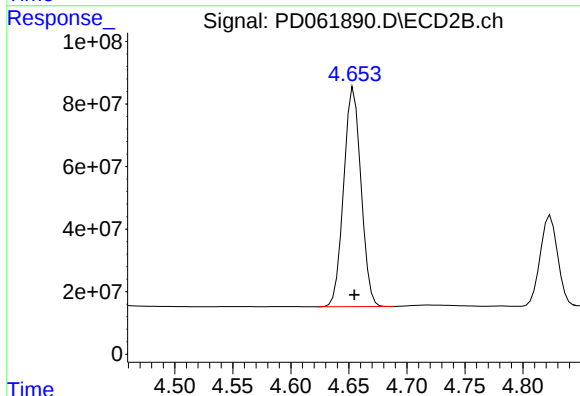
#3 gamma-BHC (Lindane)

R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 75953968  
Conc: 63.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

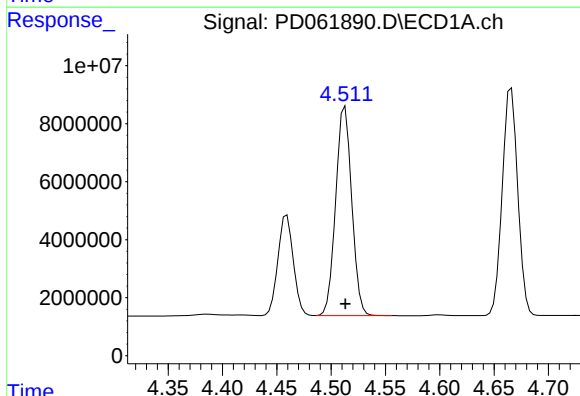
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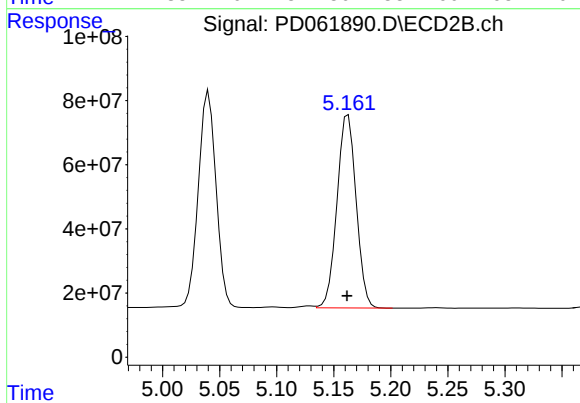
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 727422088  
Conc: 58.32 ng/ml



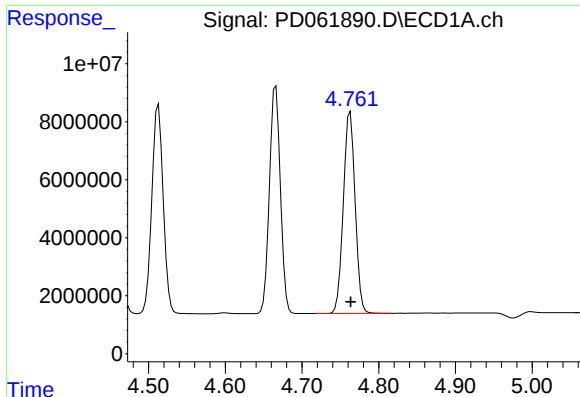
#4 Heptachlor

R.T.: 4.513 min  
Delta R.T.: 0.000 min  
Response: 74169372  
Conc: 63.71 ng/ml



#4 Heptachlor

R.T.: 5.163 min  
Delta R.T.: 0.001 min  
Response: 702436350  
Conc: 53.90 ng/ml



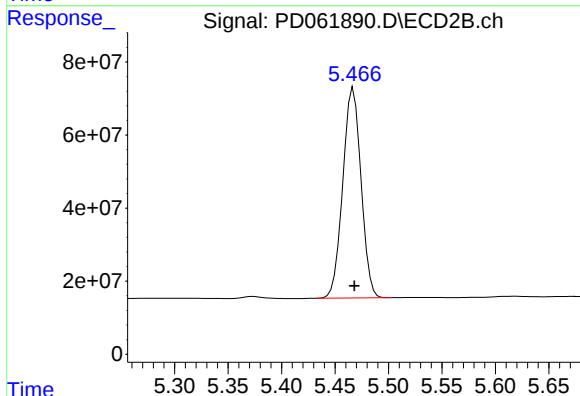
#5 Aldrin

R.T.: 4.763 min  
Delta R.T.: 0.000 min  
Response: 74370975  
Conc: 61.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

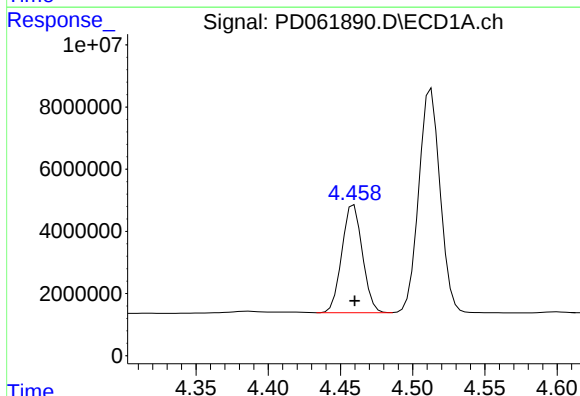
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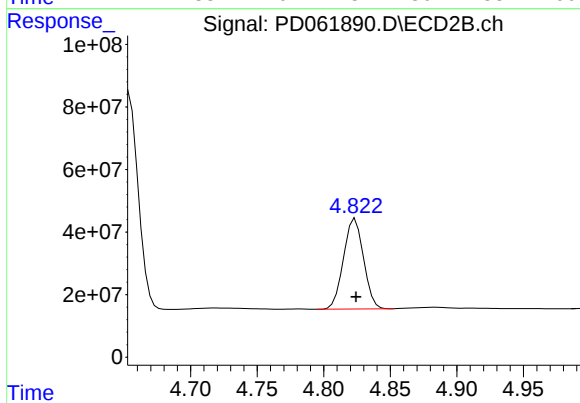
#5 Aldrin

R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 683230584  
Conc: 54.90 ng/ml



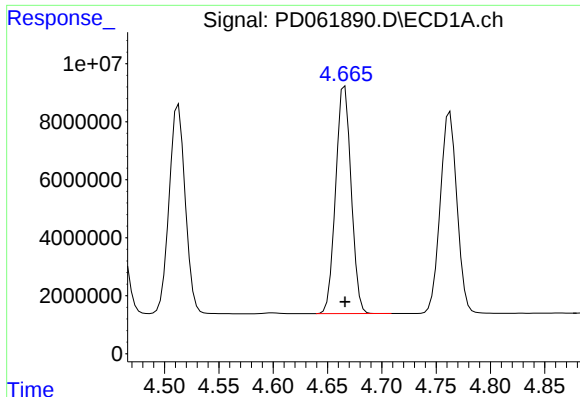
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 34185747  
Conc: 62.69 ng/ml



#6 beta-BHC

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 302961183  
Conc: 58.65 ng/ml



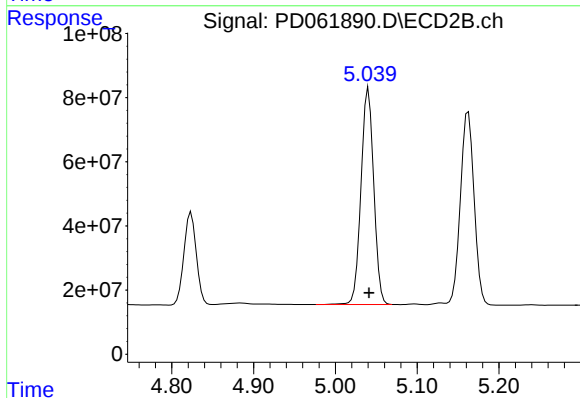
#7 delta-BHC

R.T.: 4.666 min  
Delta R.T.: 0.000 min  
Response: 77926630  
Conc: 64.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

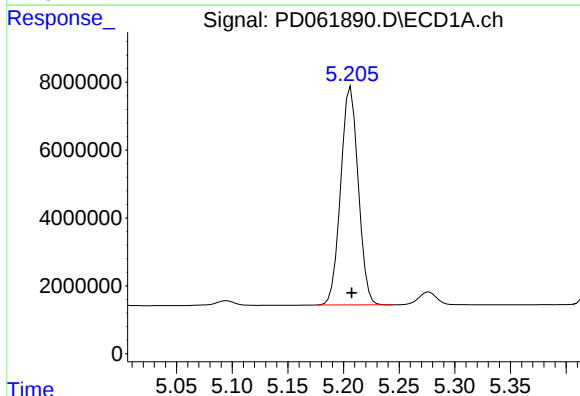
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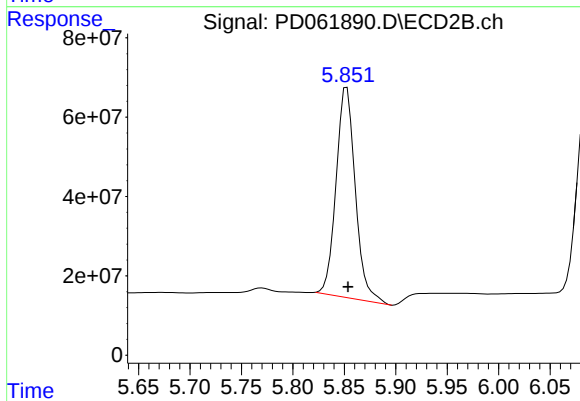
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 731434149  
Conc: 55.30 ng/ml



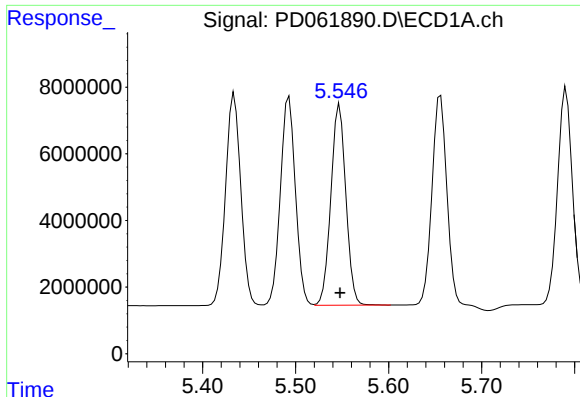
#8 Heptachlor epoxide

R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 70600573  
Conc: 61.59 ng/ml



#8 Heptachlor epoxide

R.T.: 5.852 min  
Delta R.T.: -0.001 min  
Response: 685719081  
Conc: 57.91 ng/ml



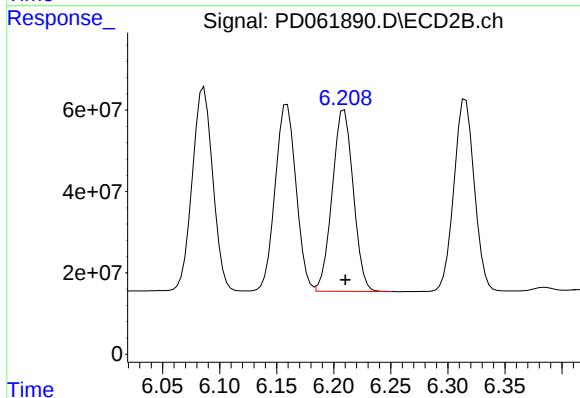
#9 Endosulfan I

R.T.: 5.547 min  
Delta R.T.: 0.000 min  
Response: 67551798  
Conc: 61.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

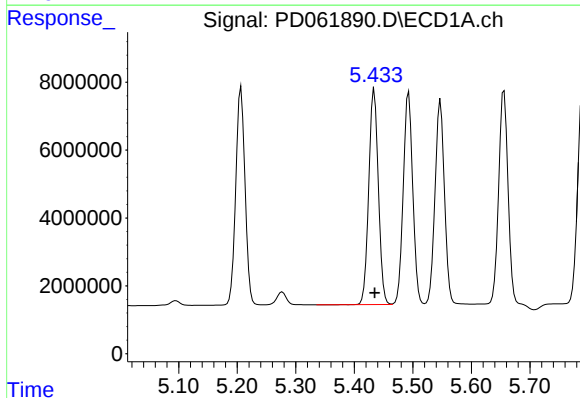
Manual Integrations  
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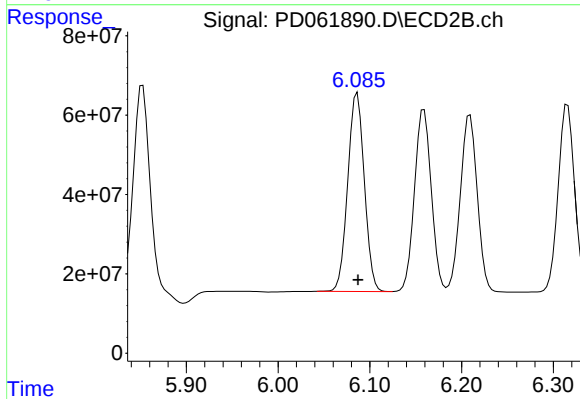
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 573323099  
Conc: 52.89 ng/ml



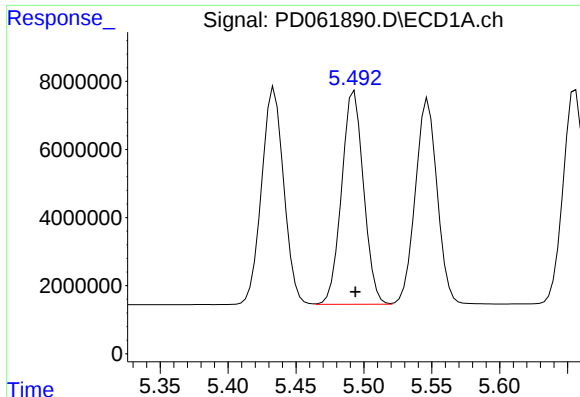
#10 gamma-Chlordane

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 72221302  
Conc: 61.66 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min  
Delta R.T.: -0.001 min  
Response: 628632711  
Conc: 53.03 ng/ml



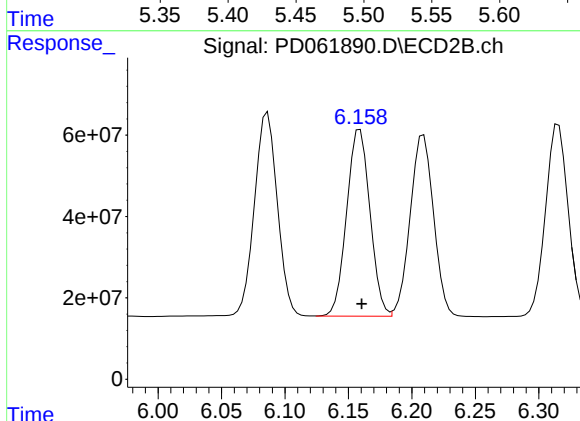
#11 alpha-Chlordane

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 70450098  
Conc: 60.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

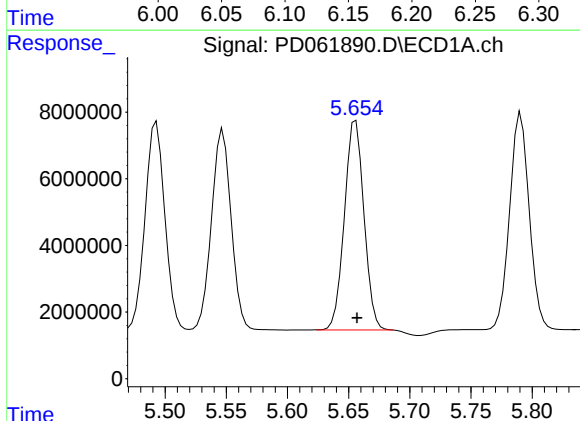
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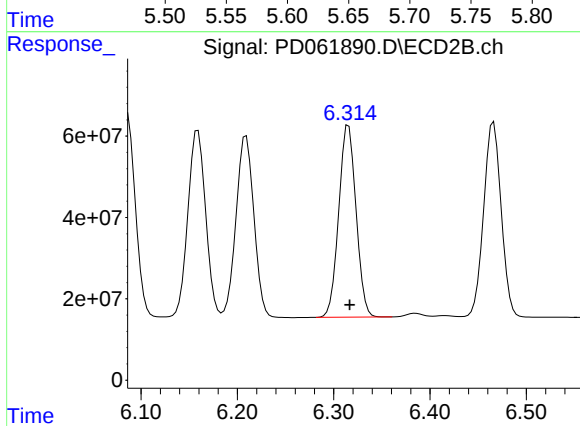
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: -0.001 min  
Response: 586981634  
Conc: 51.49 ng/ml



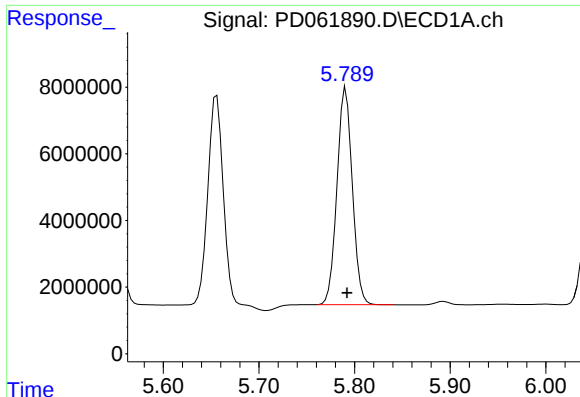
#12 4,4'-DDE

R.T.: 5.654 min  
Delta R.T.: -0.002 min  
Response: 69891626  
Conc: 62.20 ng/ml m



#12 4,4'-DDE

R.T.: 6.316 min  
Delta R.T.: -0.001 min  
Response: 588361885  
Conc: 51.06 ng/ml



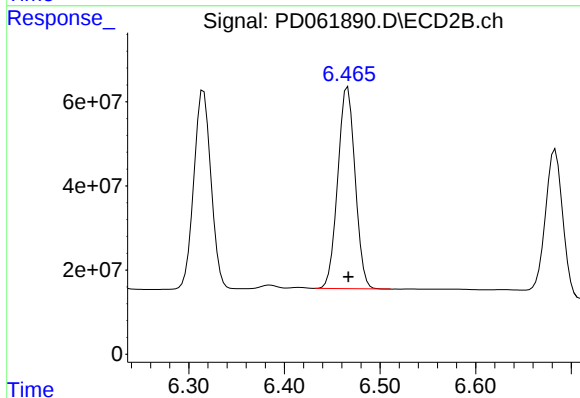
#13 Dieldrin

R.T.: 5.791 min  
Delta R.T.: -0.001 min  
Response: 72629149  
Conc: 62.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

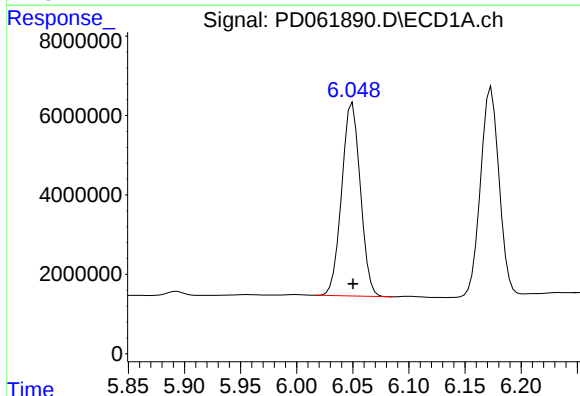
Manual Integrations  
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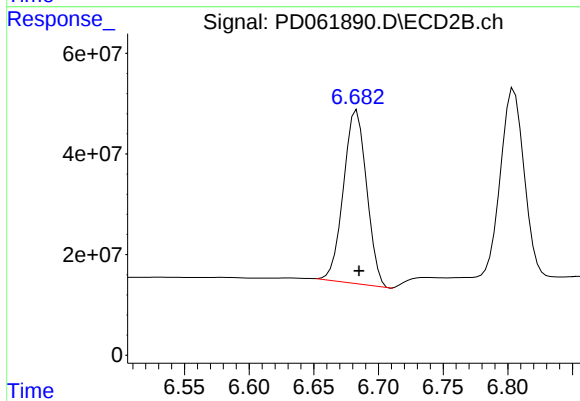
#13 Dieldrin

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 604572203  
Conc: 52.38 ng/ml



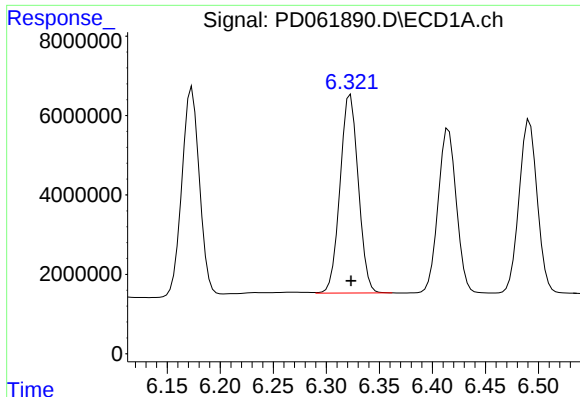
#14 Endrin

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 56308558  
Conc: 54.80 ng/ml



#14 Endrin

R.T.: 6.683 min  
Delta R.T.: -0.002 min  
Response: 429269626  
Conc: 43.38 ng/ml



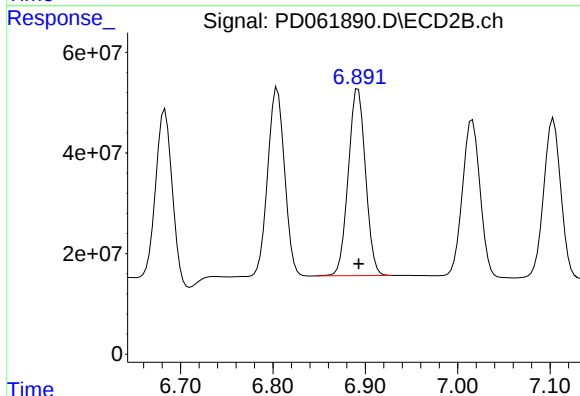
#15 Endosulfan II

R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 59758020  
Conc: 58.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

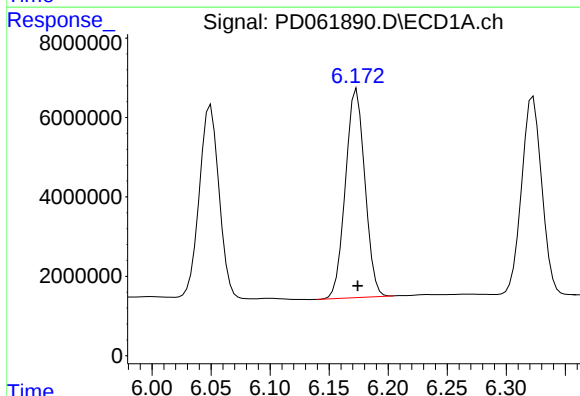
Manual Integrations  
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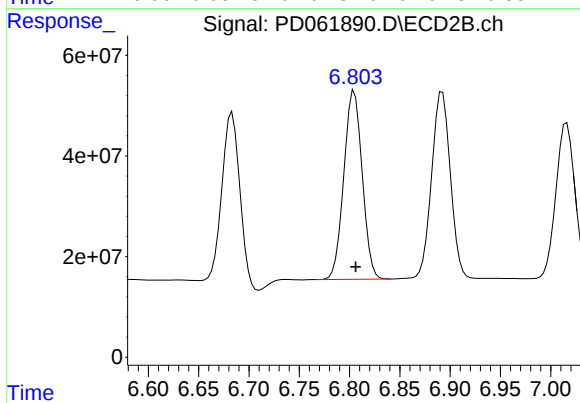
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 481108291  
Conc: 50.67 ng/ml



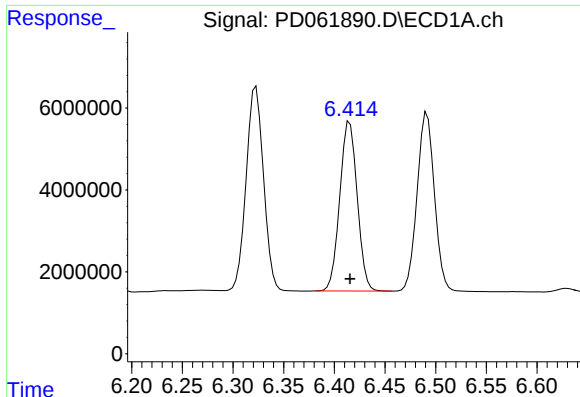
#16 4,4'-DDD

R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 60109753  
Conc: 64.59 ng/ml



#16 4,4'-DDD

R.T.: 6.805 min  
Delta R.T.: -0.001 min  
Response: 475614004  
Conc: 50.23 ng/ml



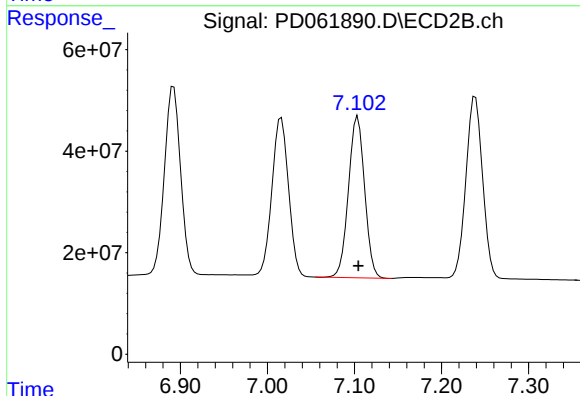
#17 4,4'-DDT

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 49536555  
Conc: 55.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

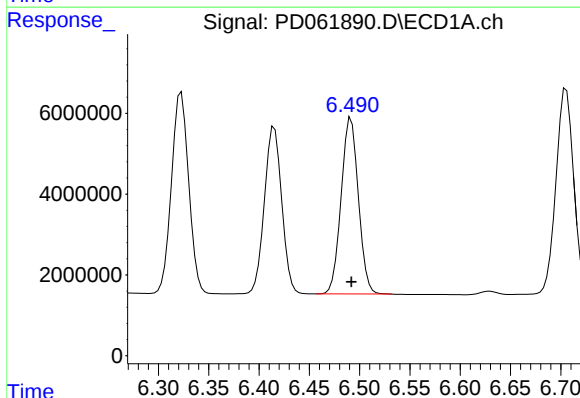
Manual Integrations  
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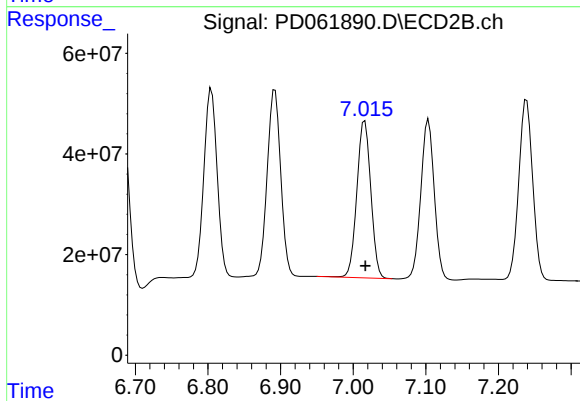
#17 4,4'-DDT

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 410581809  
Conc: 42.99 ng/ml



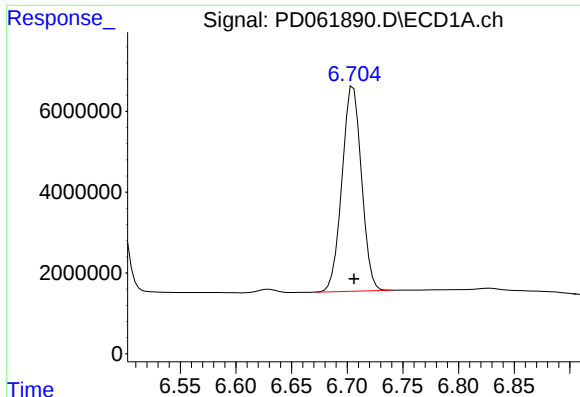
#18 Endrin aldehyde

R.T.: 6.491 min  
Delta R.T.: 0.000 min  
Response: 51924981  
Conc: 60.78 ng/ml



#18 Endrin aldehyde

R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 415667767  
Conc: 52.86 ng/ml



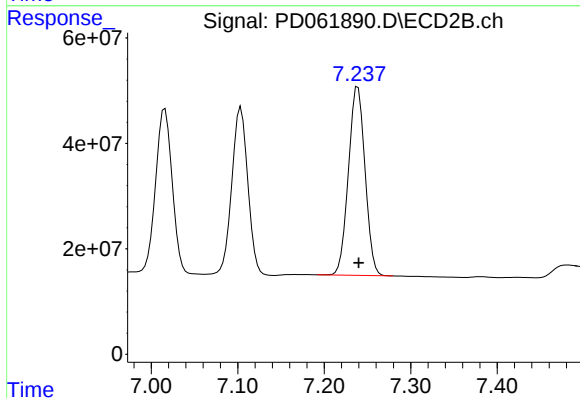
#19 Endosulfan Sulfate

R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 61884107  
Conc: 57.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

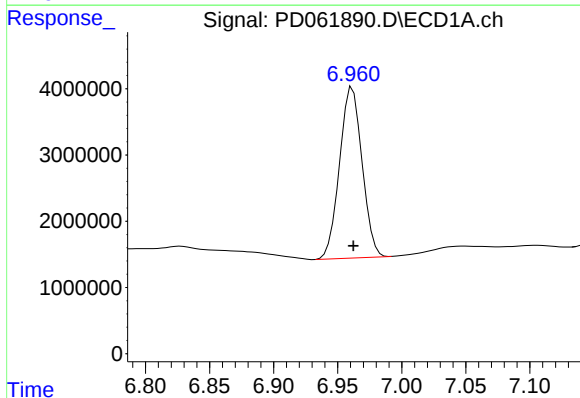
Manual Integrations  
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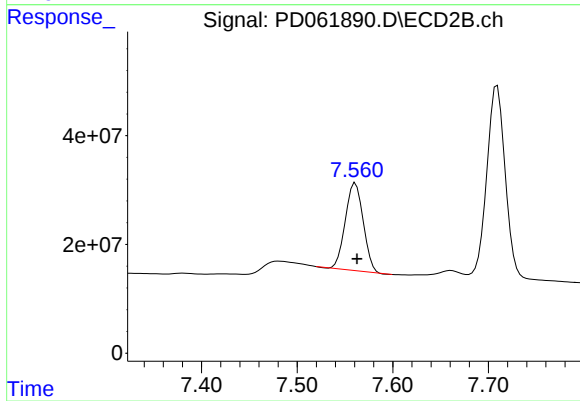
#19 Endosulfan Sulfate

R.T.: 7.239 min  
Delta R.T.: 0.000 min  
Response: 476036635  
Conc: 47.50 ng/ml



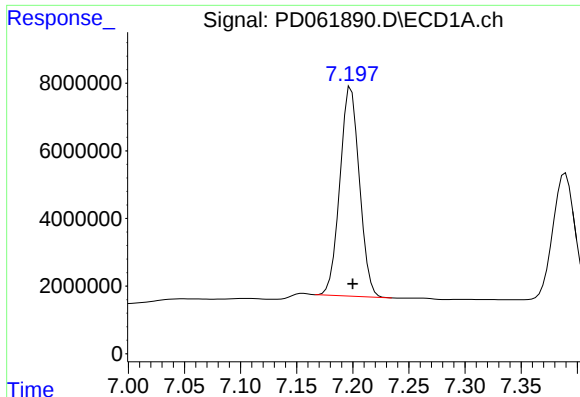
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: 0.000 min  
Response: 31534646  
Conc: 66.74 ng/ml



#20 Methoxychlor

R.T.: 7.561 min  
Delta R.T.: -0.001 min  
Response: 208098937  
Conc: 46.16 ng/ml



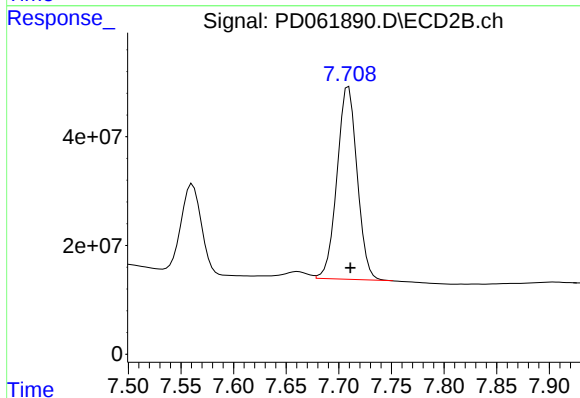
#21 Endrin ketone

R.T.: 7.198 min  
Delta R.T.: -0.001 min  
Response: 74799353  
Conc: 58.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

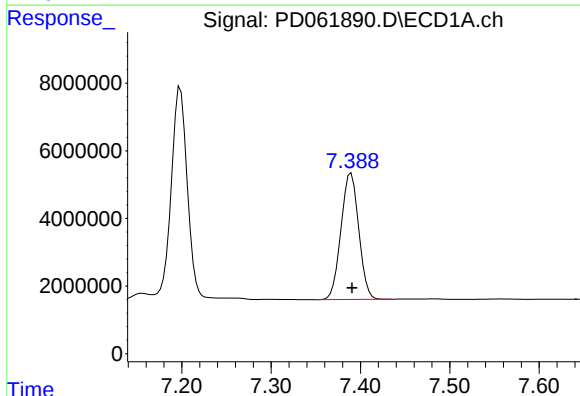
Manual Integrations  
APPROVED

Ankita  
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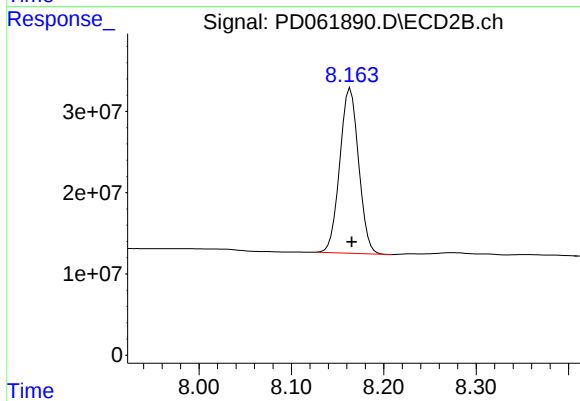
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: -0.002 min  
Response: 472482945  
Conc: 46.58 ng/ml



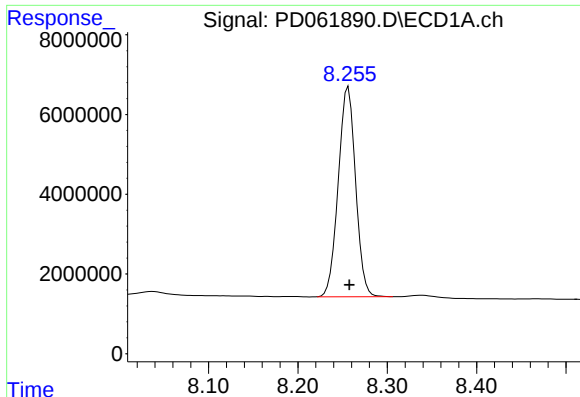
#22 Mirex

R.T.: 7.390 min  
Delta R.T.: 0.000 min  
Response: 51565327  
Conc: 62.98 ng/ml



#22 Mirex

R.T.: 8.164 min  
Delta R.T.: -0.001 min  
Response: 287469772  
Conc: 44.61 ng/ml



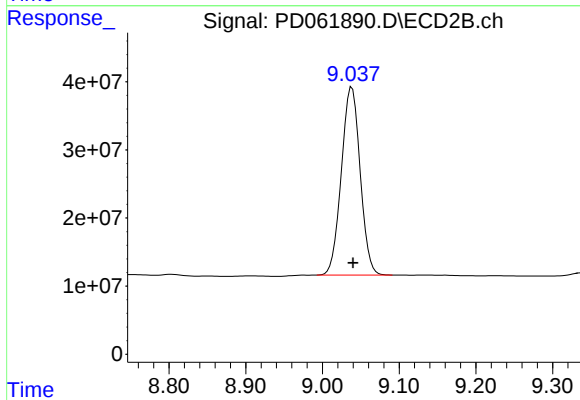
#28 Decachlorobiphenyl

R.T.: 8.256 min  
Delta R.T.: 0.000 min  
Response: 70895888  
Conc: 57.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.038 min  
Delta R.T.: -0.001 min  
Response: 471980620  
Conc: 50.00 ng/ml