

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051220\  
 Data File : PD057899.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 May 2020 16:33  
 Operator : AJ\MA  
 Sample : L2575-02MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-28MSD

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 13 06:50:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 12 12:00:03 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... | 3.228 | 3.895 | 18661920 | 25814995 | 21.540  | 21.945   |
| 28)                         | SA Decachlor... | 7.873 | 8.901 | 19834954 | 26004646 | 22.014  | 22.821   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.651 | 4.279 | 68661848 | 90845594 | 50.718  | 50.720   |
| 3)                          | MA gamma-BHC... | 3.923 | 4.560 | 67639812 | 88094615 | 48.957  | 51.420   |
| 4)                          | MA Heptachlor   | 4.203 | 5.060 | 59268458 | 82176982 | 52.589  | 49.208m  |
| 5)                          | MB Aldrin       | 4.438 | 5.361 | 59100284 | 80395018 | 50.639m | 50.744m  |
| 6)                          | B beta-BHC      | 4.172 | 4.731 | 27299950 | 36110711 | 52.470  | 49.221   |
| 7)                          | B delta-BHC     | 4.364 | 4.943 | 62930776 | 59160117 | 49.502  | 38.068   |
| 8)                          | B Heptachlo...  | 4.871 | 5.744 | 54613532 | 69918569 | 49.949m | 45.529m  |
| 9)                          | A Endosulfan I  | 5.201 | 6.099 | 42271354 | 72435567 | 41.245  | 51.658 # |
| 10)                         | B gamma-Chl...  | 5.093 | 5.979 | 55761184 | 79343461 | 49.824  | 51.710   |
| 11)                         | B alpha-Chl...  | 5.149 | 6.051 | 54467638 | 78367979 | 48.842  | 50.995   |
| 12)                         | B 4,4'-DDE      | 5.319 | 6.209 | 54622800 | 61900424 | 51.943  | 44.496   |
| 13)                         | MA Dieldrin     | 5.438 | 6.355 | 57981388 | 74339627 | 52.671m | 50.757   |
| 14)                         | MA Endrin       | 5.689 | 6.570 | 50152570 | 63823588 | 51.572m | 50.434   |
| 15)                         | B Endosulfa...  | 5.964 | 6.779 | 48248476 | 64025585 | 49.209  | 49.375m  |
| 16)                         | A 4,4'-DDD      | 5.827 | 6.697 | 42284244 | 60817786 | 49.673m | 51.414   |
| 17)                         | MA 4,4'-DDT     | 6.061 | 6.993 | 43744342 | 61784427 | 53.565  | 52.544m  |
| 18)                         | B Endrin al...  | 6.132 | 6.902 | 41438304 | 55639793 | 50.229  | 49.654m  |
| 19)                         | B Endosulfa...  | 6.342 | 7.124 | 47613342 | 64555754 | 51.531  | 52.163m  |
| 20)                         | A Methoxychlor  | 6.609 | 7.452 | 23937550 | 38134503 | 58.073  | 55.396m  |
| 21)                         | B Endrin ke...  | 6.823 | 7.593 | 55940925 | 77197877 | 49.165  | 55.040   |
| 22)                         | Mirex           | 6.993 | 8.044 | 39190626 | 52822433 | 44.207m | 49.536   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051220\  
Data File : PD057899.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 May 2020 16:33  
Operator : AJ\MA  
Sample : L2575-02MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

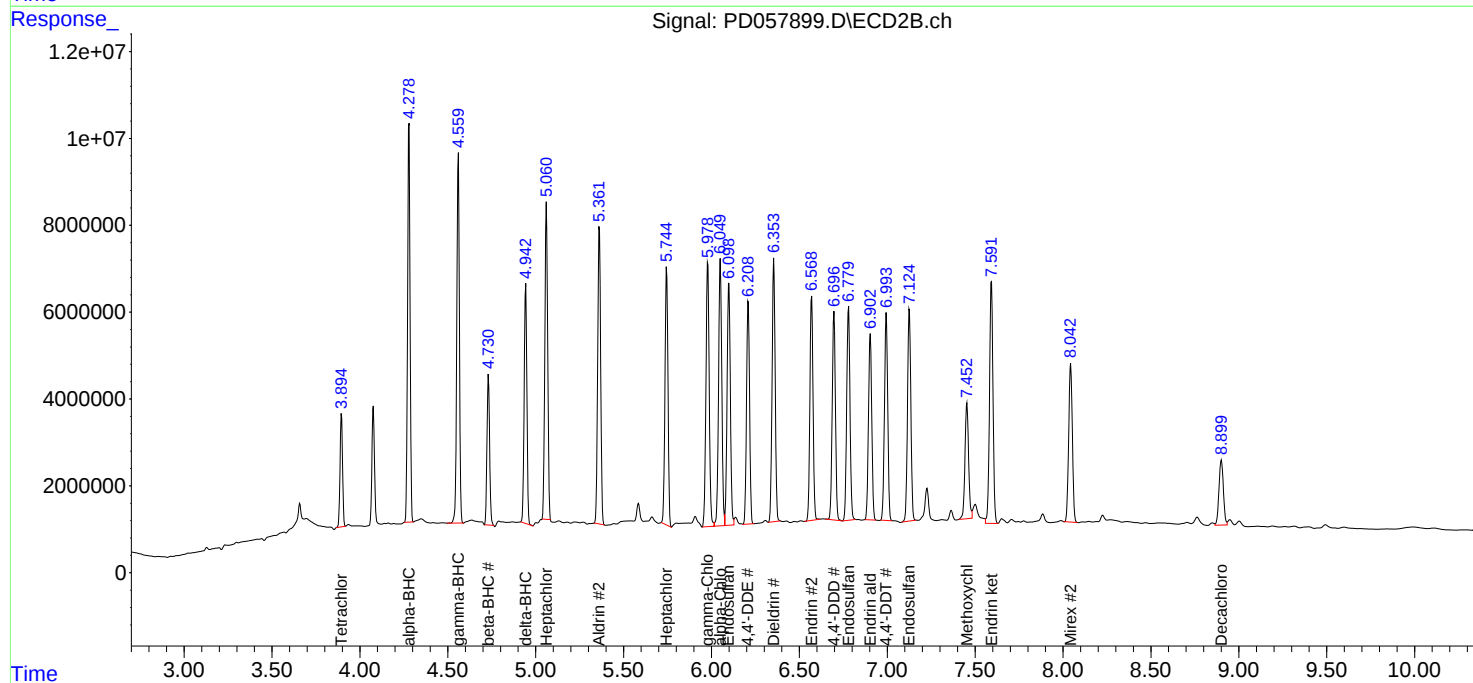
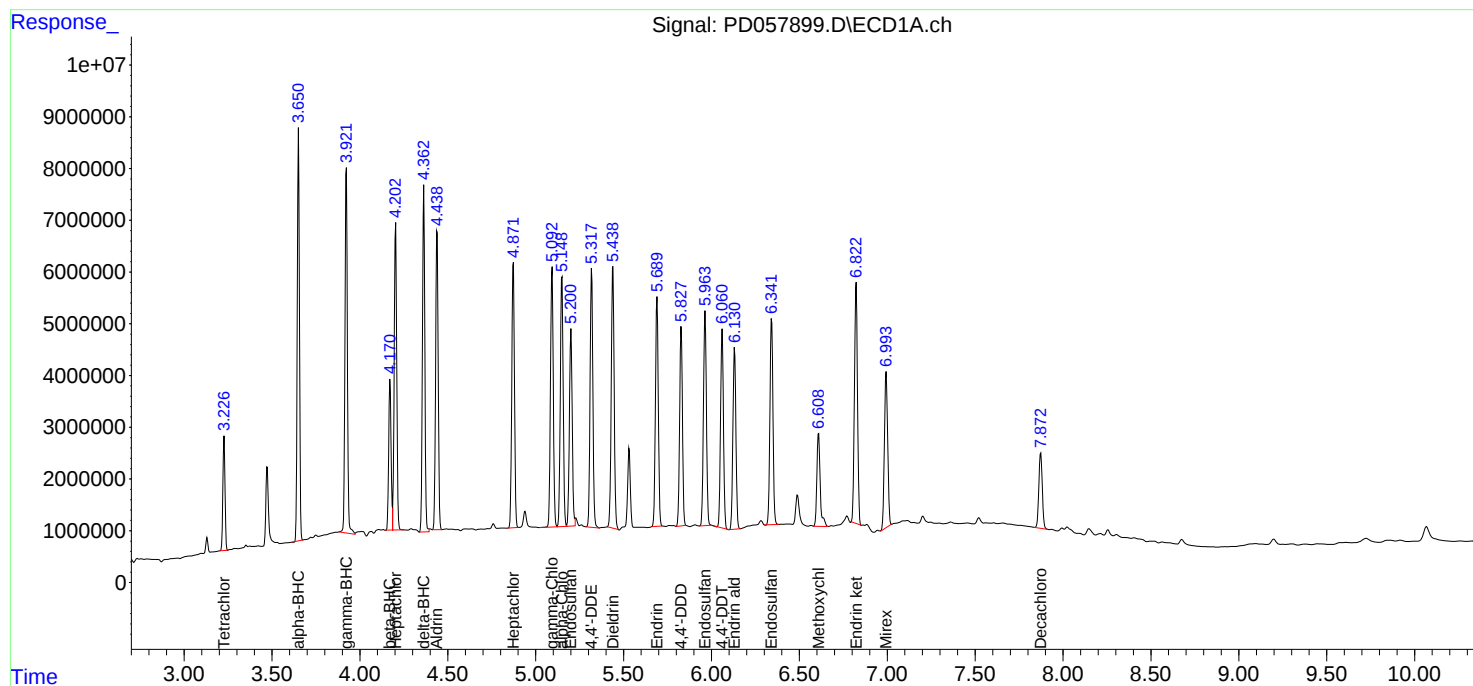
Instrument :  
ECD\_D  
ClientSampled :  
TP-28MSD

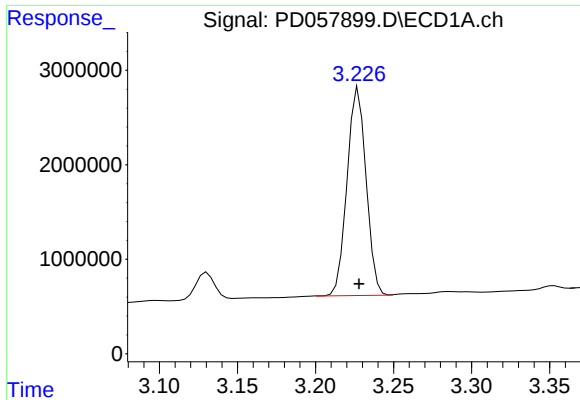
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 13 06:50:21 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051220.M  
Quant Title : GC Extractables  
QLast Update : Tue May 12 12:00:03 2020  
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





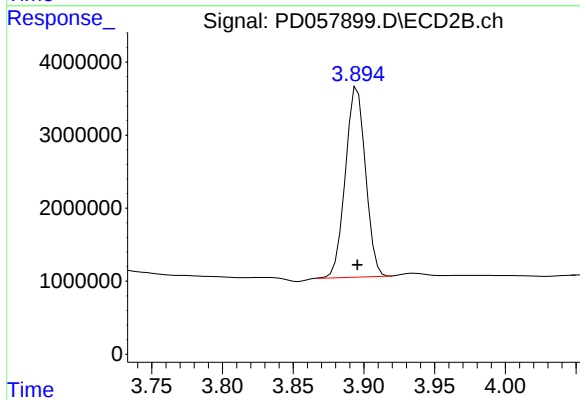
#1 Tetrachloro-m-xylene

R.T.: 3.228 min  
Delta R.T.: 0.000 min  
Response: 18661920  
Conc: 21.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

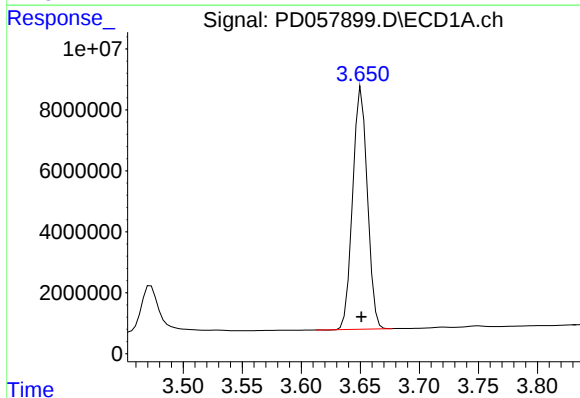
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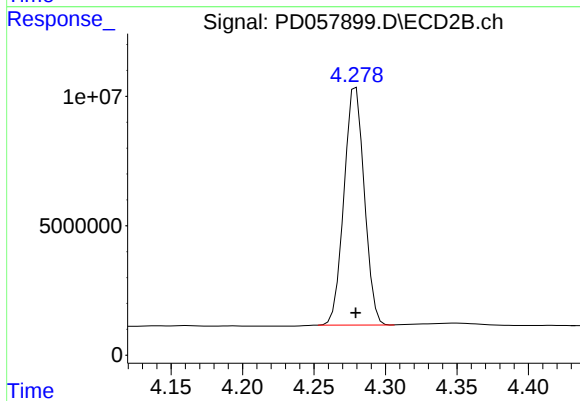
#1 Tetrachloro-m-xylene

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 25814995  
Conc: 21.95 ng/ml



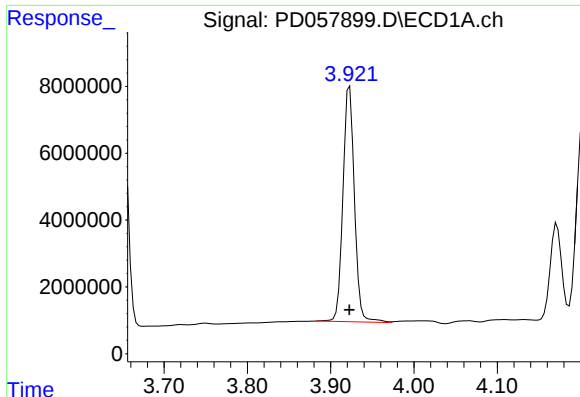
#2 alpha-BHC

R.T.: 3.651 min  
Delta R.T.: 0.000 min  
Response: 68661848  
Conc: 50.72 ng/ml



#2 alpha-BHC

R.T.: 4.279 min  
Delta R.T.: 0.000 min  
Response: 90845594  
Conc: 50.72 ng/ml



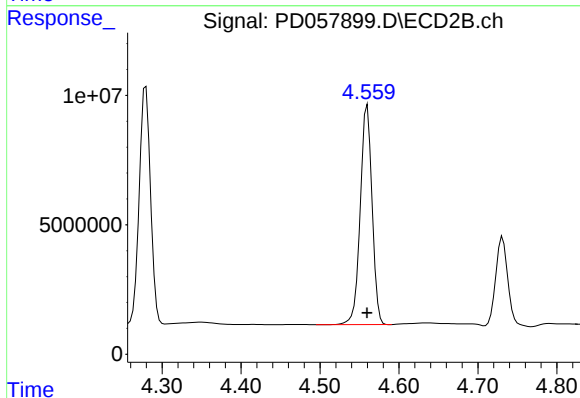
#3 gamma-BHC (Lindane)

R.T.: 3.923 min  
Delta R.T.: 0.000 min  
Response: 67639812  
Conc: 48.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

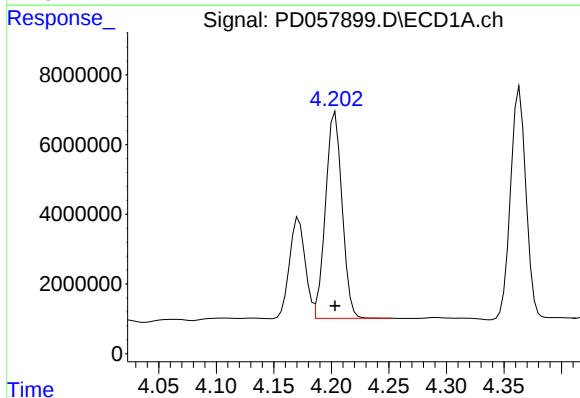
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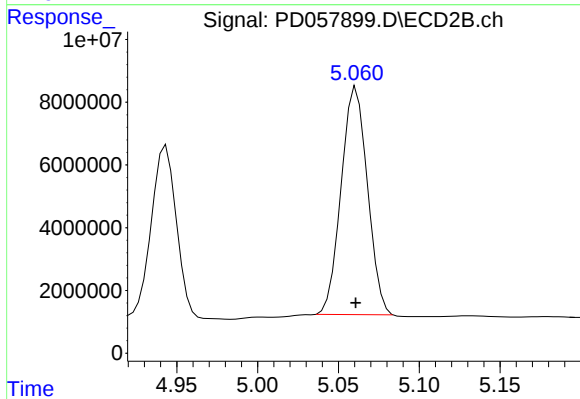
#3 gamma-BHC (Lindane)

R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 88094615  
Conc: 51.42 ng/ml



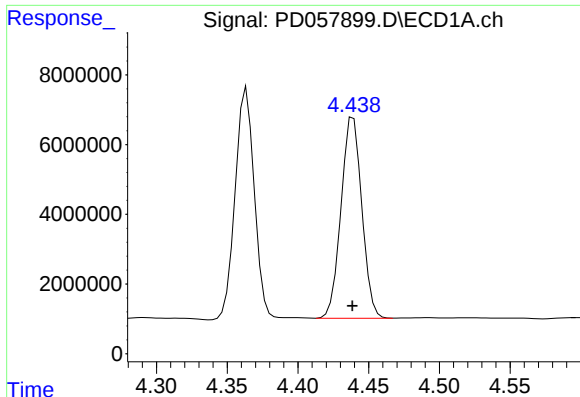
#4 Heptachlor

R.T.: 4.203 min  
Delta R.T.: 0.000 min  
Response: 59268458  
Conc: 52.59 ng/ml



#4 Heptachlor

R.T.: 5.060 min  
Delta R.T.: 0.000 min  
Response: 82176982  
Conc: 49.21 ng/ml m



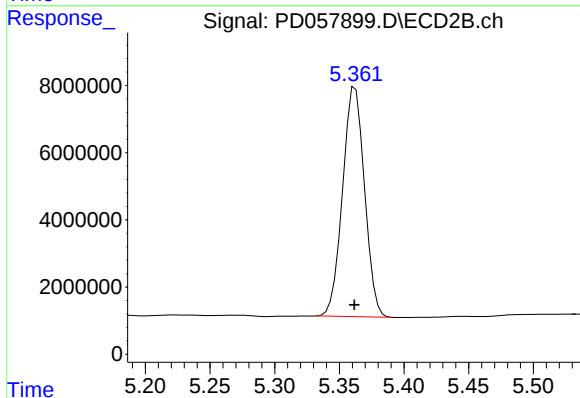
#5 Aldrin

R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 59100284  
Conc: 50.64 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

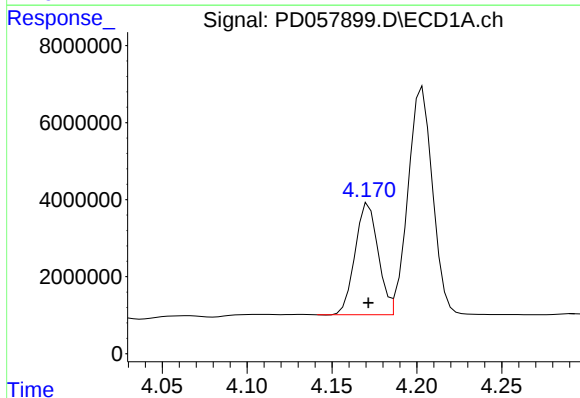
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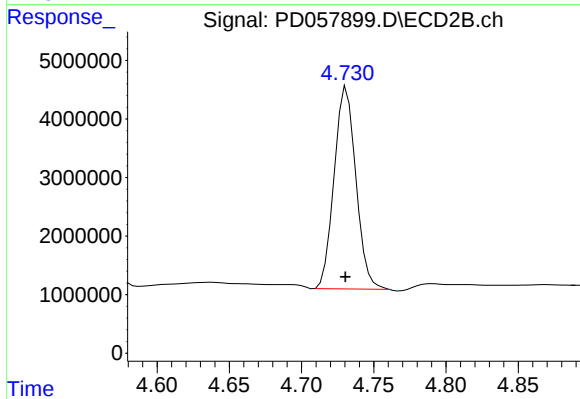
#5 Aldrin

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 80395018  
Conc: 50.74 ng/ml m



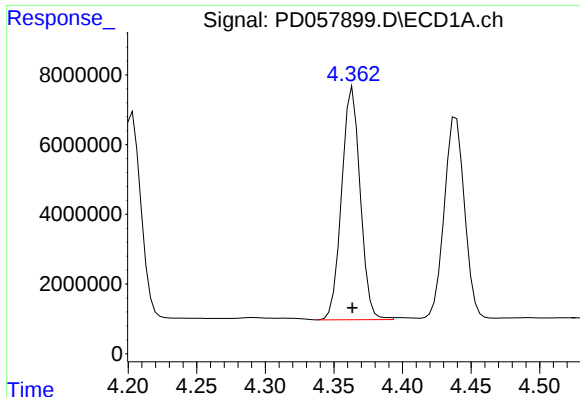
#6 beta-BHC

R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 27299950  
Conc: 52.47 ng/ml



#6 beta-BHC

R.T.: 4.731 min  
Delta R.T.: 0.001 min  
Response: 36110711  
Conc: 49.22 ng/ml



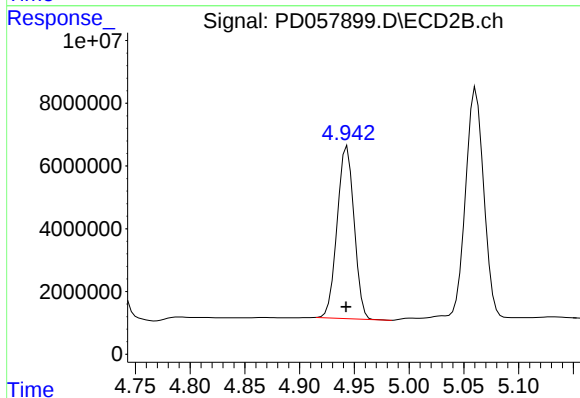
#7 delta-BHC

R.T.: 4.364 min  
Delta R.T.: 0.000 min  
Response: 62930776  
Conc: 49.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

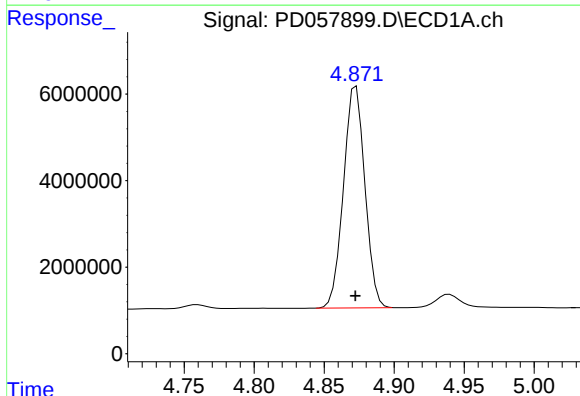
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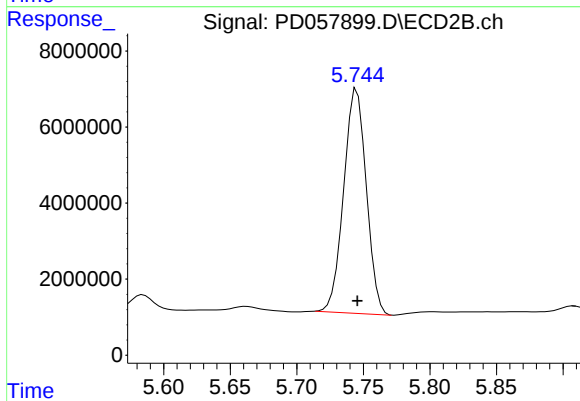
#7 delta-BHC

R.T.: 4.943 min  
Delta R.T.: 0.000 min  
Response: 59160117  
Conc: 38.07 ng/ml



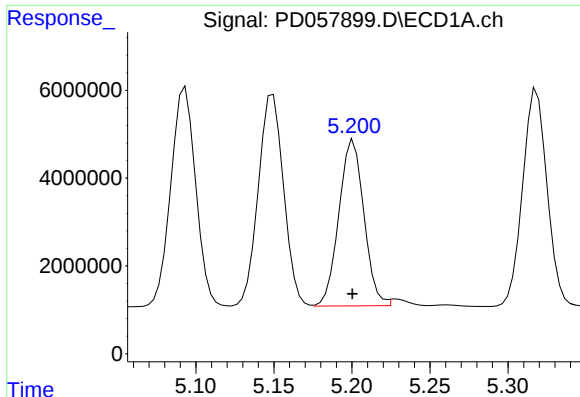
#8 Heptachlor epoxide

R.T.: 4.871 min  
Delta R.T.: 0.000 min  
Response: 54613532  
Conc: 49.95 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.744 min  
Delta R.T.: -0.002 min  
Response: 69918569  
Conc: 45.53 ng/ml m



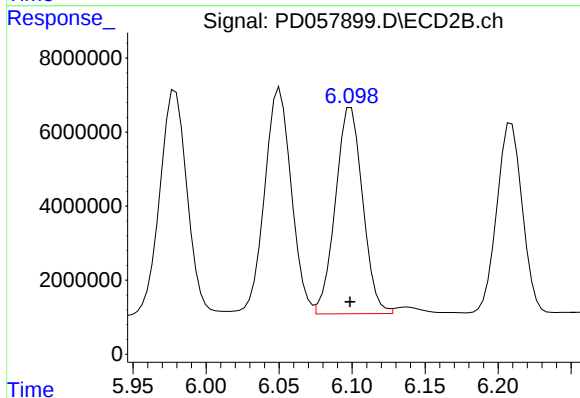
#9 Endosulfan I

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 42271354  
Conc: 41.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

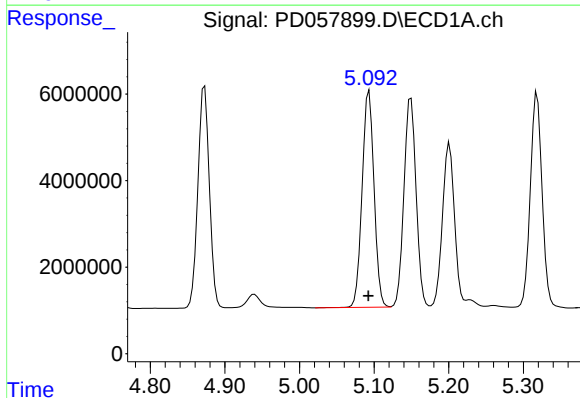
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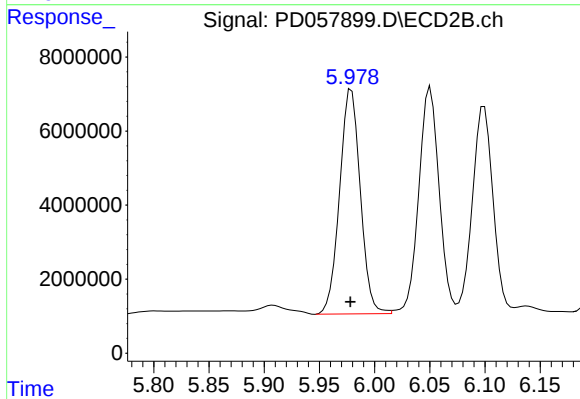
#9 Endosulfan I

R.T.: 6.099 min  
Delta R.T.: 0.000 min  
Response: 72435567  
Conc: 51.66 ng/ml



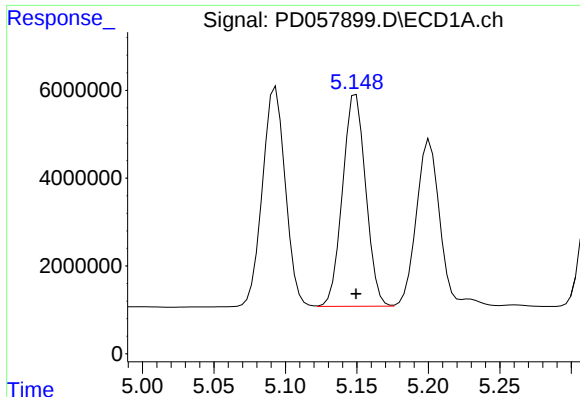
#10 gamma-Chlordane

R.T.: 5.093 min  
Delta R.T.: 0.001 min  
Response: 55761184  
Conc: 49.82 ng/ml



#10 gamma-Chlordane

R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 79343461  
Conc: 51.71 ng/ml



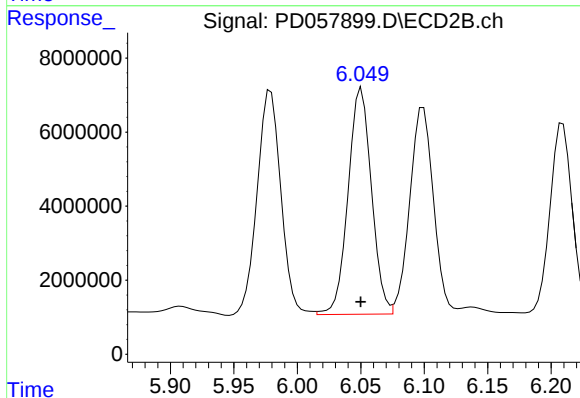
#11 alpha-Chlordane

R.T.: 5.149 min  
Delta R.T.: 0.000 min  
Response: 54467638  
Conc: 48.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

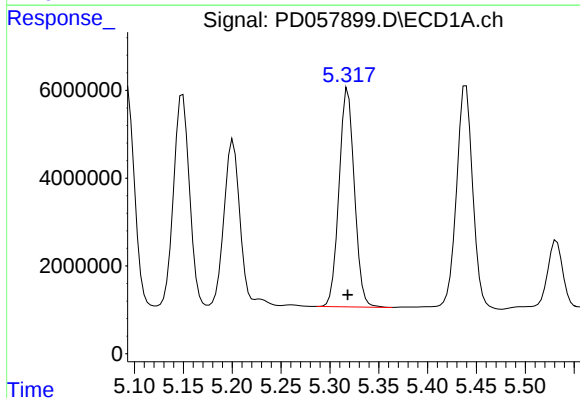
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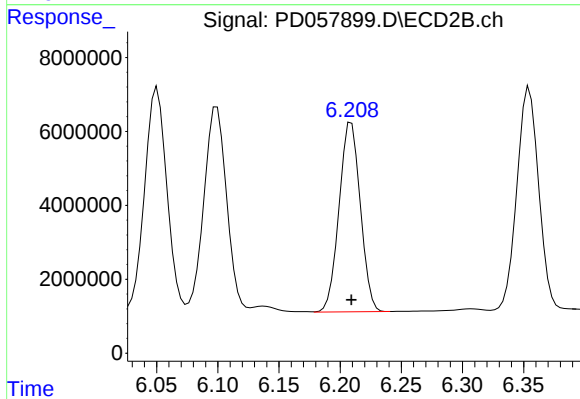
#11 alpha-Chlordane

R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 78367979  
Conc: 50.99 ng/ml



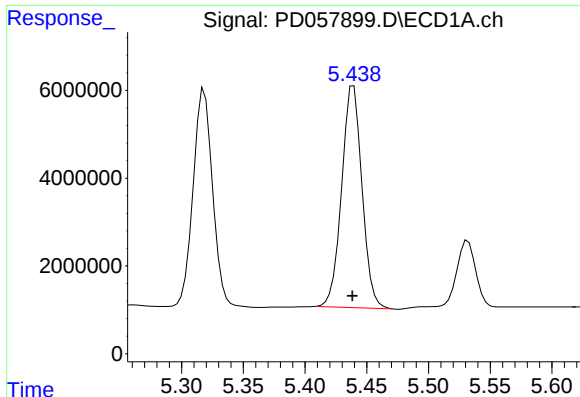
#12 4,4'-DDE

R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 54622800  
Conc: 51.94 ng/ml



#12 4,4'-DDE

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 61900424  
Conc: 44.50 ng/ml



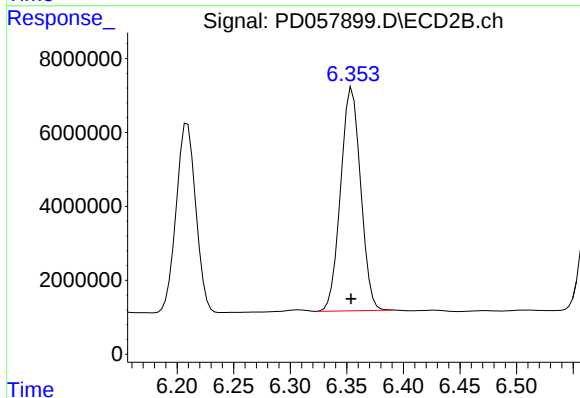
#13 Dieldrin

R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 57981388  
Conc: 52.67 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

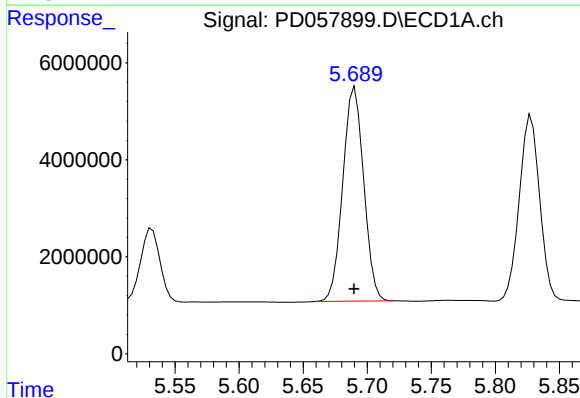
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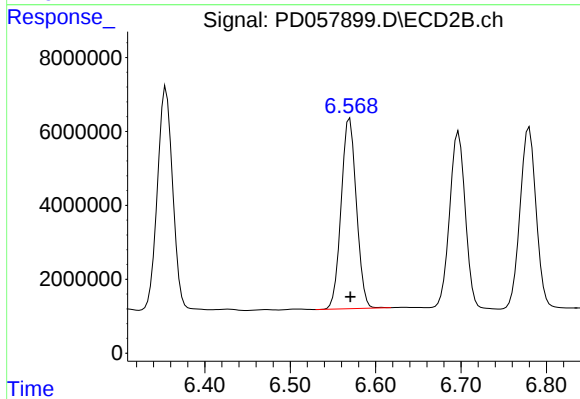
#13 Dieldrin

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 74339627  
Conc: 50.76 ng/ml



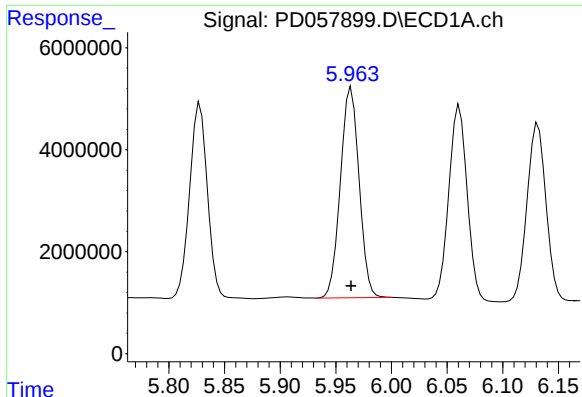
#14 Endrin

R.T.: 5.689 min  
Delta R.T.: 0.000 min  
Response: 50152570  
Conc: 51.57 ng/ml m



#14 Endrin

R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 63823588  
Conc: 50.43 ng/ml



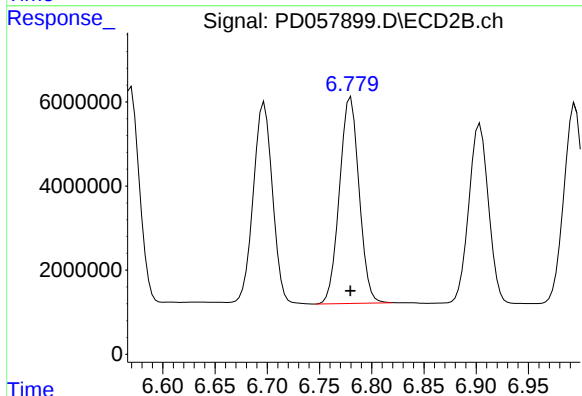
#15 Endosulfan II

R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 48248476  
Conc: 49.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

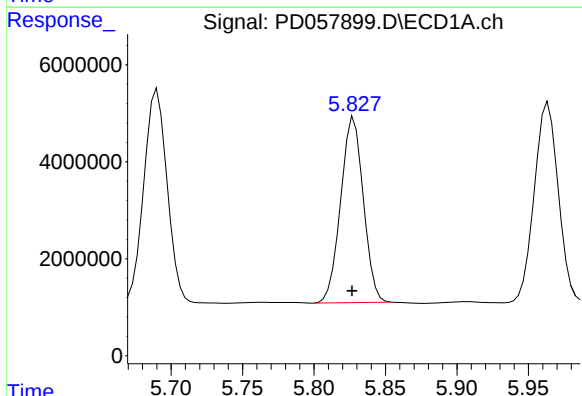
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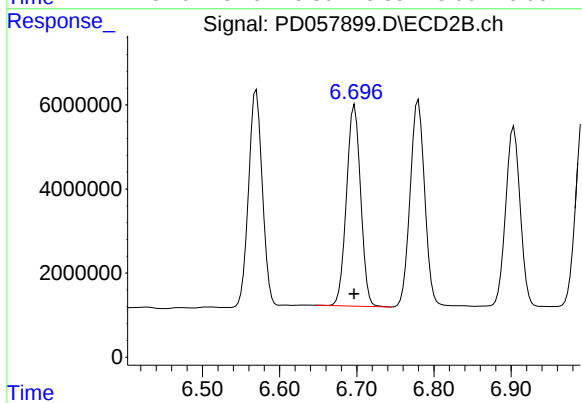
#15 Endosulfan II

R.T.: 6.779 min  
Delta R.T.: -0.001 min  
Response: 64025585  
Conc: 49.38 ng/ml m



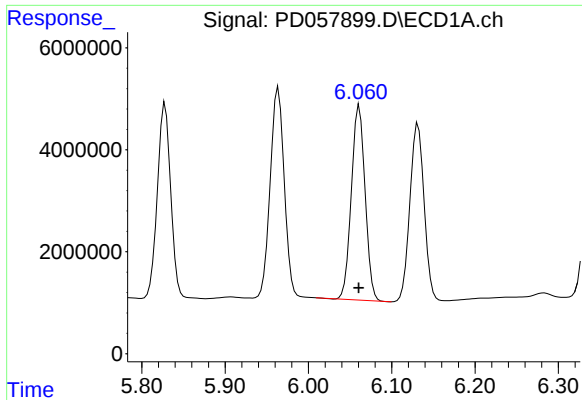
#16 4,4'-DDD

R.T.: 5.827 min  
Delta R.T.: 0.000 min  
Response: 42284244  
Conc: 49.67 ng/ml m



#16 4,4'-DDD

R.T.: 6.697 min  
Delta R.T.: 0.000 min  
Response: 60817786  
Conc: 51.41 ng/ml



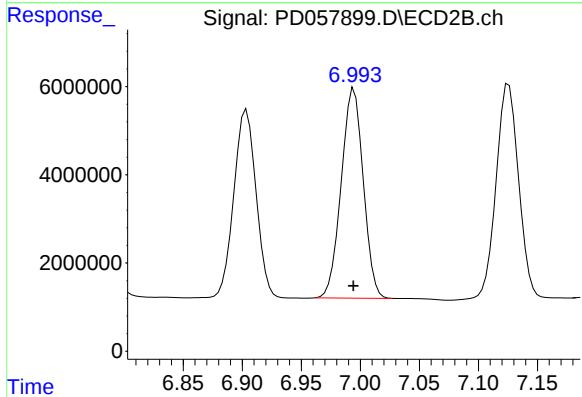
#17 4,4'-DDT

R.T.: 6.061 min  
Delta R.T.: 0.000 min  
Response: 43744342  
Conc: 53.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

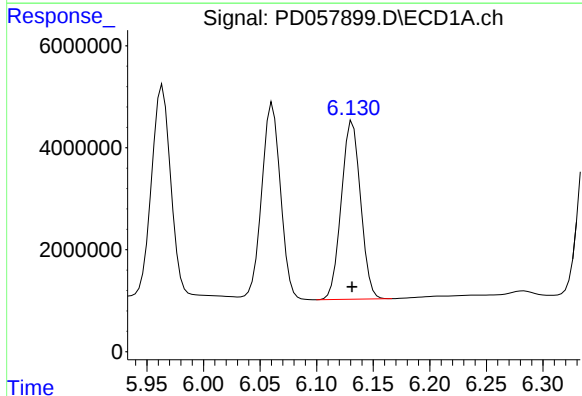
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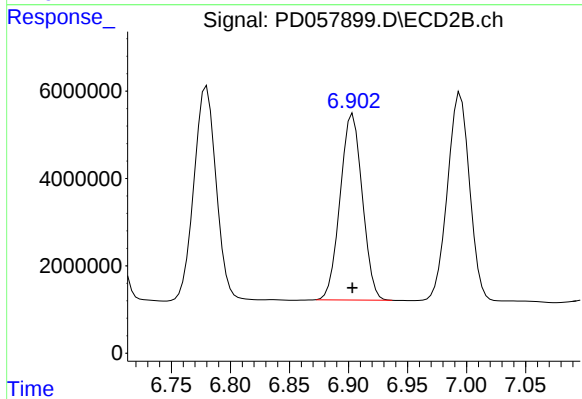
#17 4,4'-DDT

R.T.: 6.993 min  
Delta R.T.: 0.000 min  
Response: 61784427  
Conc: 52.54 ng/ml m



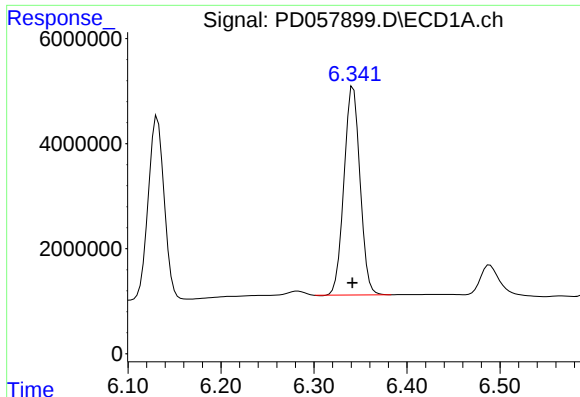
#18 Endrin aldehyde

R.T.: 6.132 min  
Delta R.T.: 0.000 min  
Response: 41438304  
Conc: 50.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.902 min  
Delta R.T.: -0.001 min  
Response: 55639793  
Conc: 49.65 ng/ml m



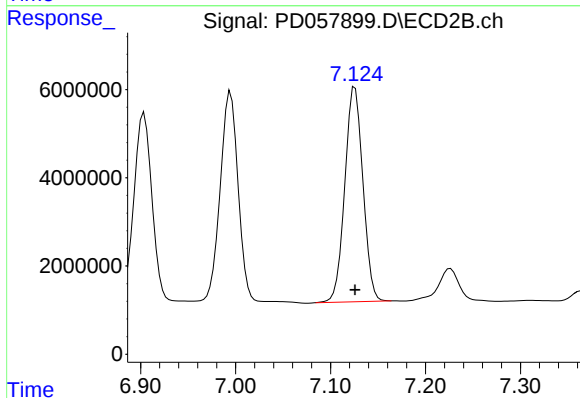
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: 0.000 min  
Response: 47613342  
Conc: 51.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

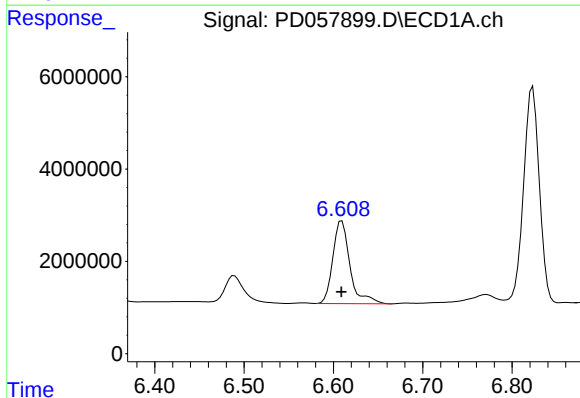
Manual Integrations  
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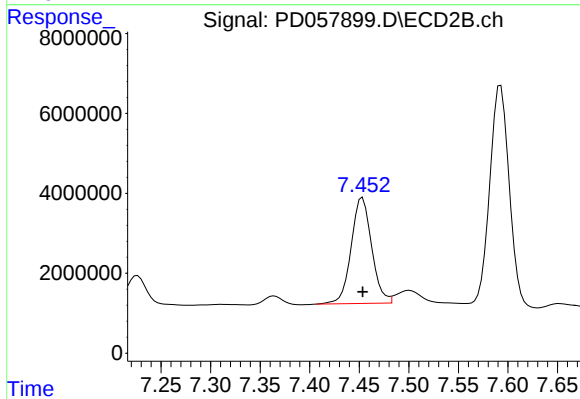
#19 Endosulfan Sulfate

R.T.: 7.124 min  
Delta R.T.: -0.001 min  
Response: 64555754  
Conc: 52.16 ng/ml m



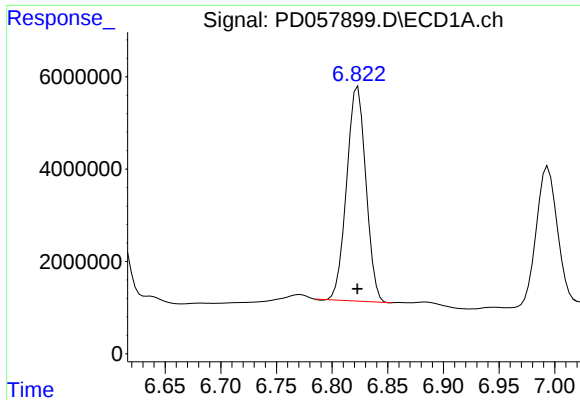
#20 Methoxychlor

R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 23937550  
Conc: 58.07 ng/ml



#20 Methoxychlor

R.T.: 7.452 min  
Delta R.T.: -0.002 min  
Response: 38134503  
Conc: 55.40 ng/ml m



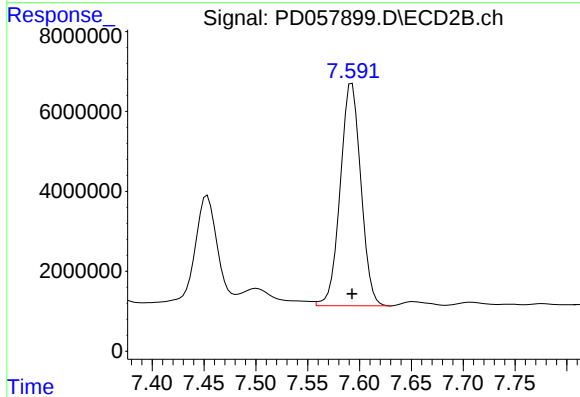
#21 Endrin ketone

R.T.: 6.823 min  
Delta R.T.: 0.000 min  
Response: 55940925  
Conc: 49.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

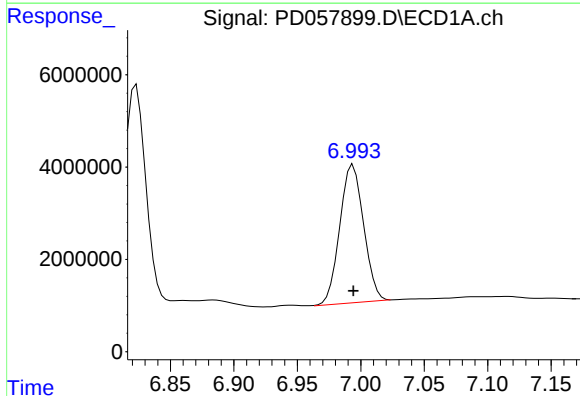
Manual Integrations  
APPROVED

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5/13/2020 11:19:20 AM



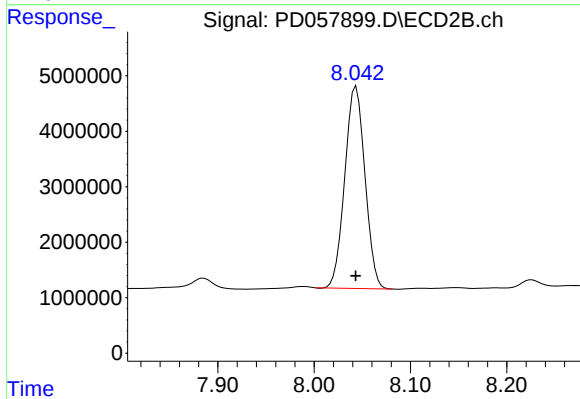
#21 Endrin ketone

R.T.: 7.593 min  
Delta R.T.: 0.000 min  
Response: 77197877  
Conc: 55.04 ng/ml



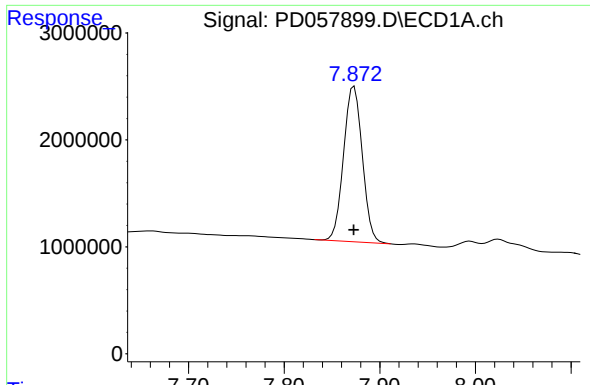
#22 Mirex

R.T.: 6.993 min  
Delta R.T.: -0.002 min  
Response: 39190626  
Conc: 44.21 ng/ml m



#22 Mirex

R.T.: 8.044 min  
Delta R.T.: 0.000 min  
Response: 52822433  
Conc: 49.54 ng/ml



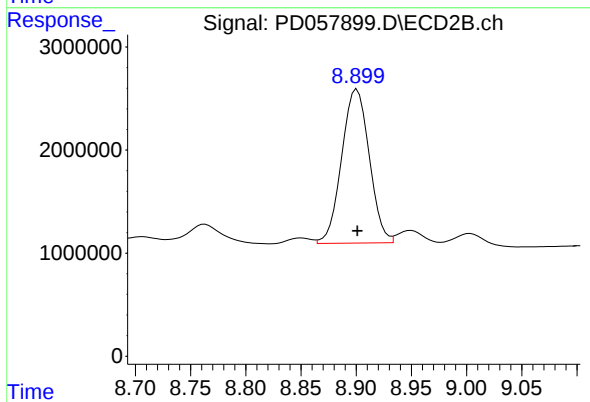
#28 Decachlorobiphenyl

R.T.: 7.873 min  
Delta R.T.: 0.000 min  
Response: 19834954  
Conc: 22.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-28MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.901 min  
Delta R.T.: 0.000 min  
Response: 26004646  
Conc: 22.82 ng/ml