

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111921\  
 Data File : PL071091.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2021 20:48  
 Operator : AR\AJ  
 Sample : PB140908BS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB140908BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 11/22/2021  
 Supervised By : Ankita Jodhani 11/22/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 22 05:16:29 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|--------|
| -----                       |                 |        |        |          |          |         |        |
| System Monitoring Compounds |                 |        |        |          |          |         |        |
| 1)                          | SA Tetrachlo... | 4.565  | 5.500  | 9821237  | 26159679 | 20.051  | 20.748 |
| 28)                         | SA Decachlor... | 10.325 | 11.388 | 14423699 | 27112158 | 21.109  | 20.273 |
| Target Compounds            |                 |        |        |          |          |         |        |
| 2)                          | A alpha-BHC     | 5.271  | 6.080  | 31598439 | 92189183 | 47.204  | 50.081 |
| 3)                          | MA gamma-BHC... | 5.692  | 6.476  | 30998816 | 86837788 | 46.213m | 50.078 |
| 4)                          | MA Heptachlor   | 6.101  | 7.122  | 33105530 | 87992019 | 46.139  | 54.173 |
| 5)                          | MB Aldrin       | 6.425  | 7.492  | 30162354 | 81902393 | 47.168  | 50.438 |
| 6)                          | B beta-BHC      | 6.076  | 6.732  | 14094903 | 40145408 | 43.391  | 46.854 |
| 7)                          | B delta-BHC     | 6.336  | 6.998  | 31164540 | 85239171 | 47.090  | 50.973 |
| 8)                          | B Heptachlo...  | 7.001  | 7.958  | 30413248 | 77746284 | 46.779  | 51.009 |
| 9)                          | A Endosulfan I  | 7.403  | 8.363  | 28341692 | 70452639 | 46.267  | 48.972 |
| 10)                         | B gamma-Chl...  | 7.278  | 8.228  | 30495841 | 75869505 | 45.940  | 49.000 |
| 11)                         | B alpha-Chl...  | 7.348  | 8.308  | 30546017 | 74738965 | 45.840  | 49.139 |
| 12)                         | B 4,4'-DDE      | 7.563  | 8.498  | 27294010 | 73877540 | 46.846  | 50.069 |
| 13)                         | MA Dieldrin     | 7.689  | 8.651  | 29076053 | 72373479 | 46.580  | 49.669 |
| 14)                         | MA Endrin       | 7.980  | 8.890  | 26624642 | 58028185 | 46.960  | 50.098 |
| 15)                         | B Endosulfa...  | 8.291  | 9.125  | 26246276 | 60025389 | 43.358  | 49.147 |
| 16)                         | A 4,4'-DDD      | 8.148  | 9.037  | 25052339 | 58457044 | 49.306  | 48.575 |
| 17)                         | MA 4,4'-DDT     | 8.408  | 9.353  | 24065626 | 57762564 | 43.758  | 45.786 |
| 18)                         | B Endrin al...  | 8.480  | 9.260  | 22197684 | 49510725 | 48.860  | 51.198 |
| 19)                         | B Endosulfa...  | 8.711  | 9.497  | 28249954 | 59350296 | 45.794  | 47.886 |
| 20)                         | A Methoxychlor  | 9.005  | 9.841  | 15624482 | 29208473 | 42.708  | 43.157 |
| 21)                         | B Endrin ke...  | 9.228  | 9.994  | 36051459 | 66458238 | 50.418  | 46.297 |
| 22)                         | Mirex           | 9.412  | 10.458 | 28381930 | 48157409 | 46.214  | 46.234 |
| -----                       |                 |        |        |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111921\  
 Data File : PL071091.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2021 20:48  
 Operator : AR\AJ  
 Sample : PB140908BS  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB140908BS

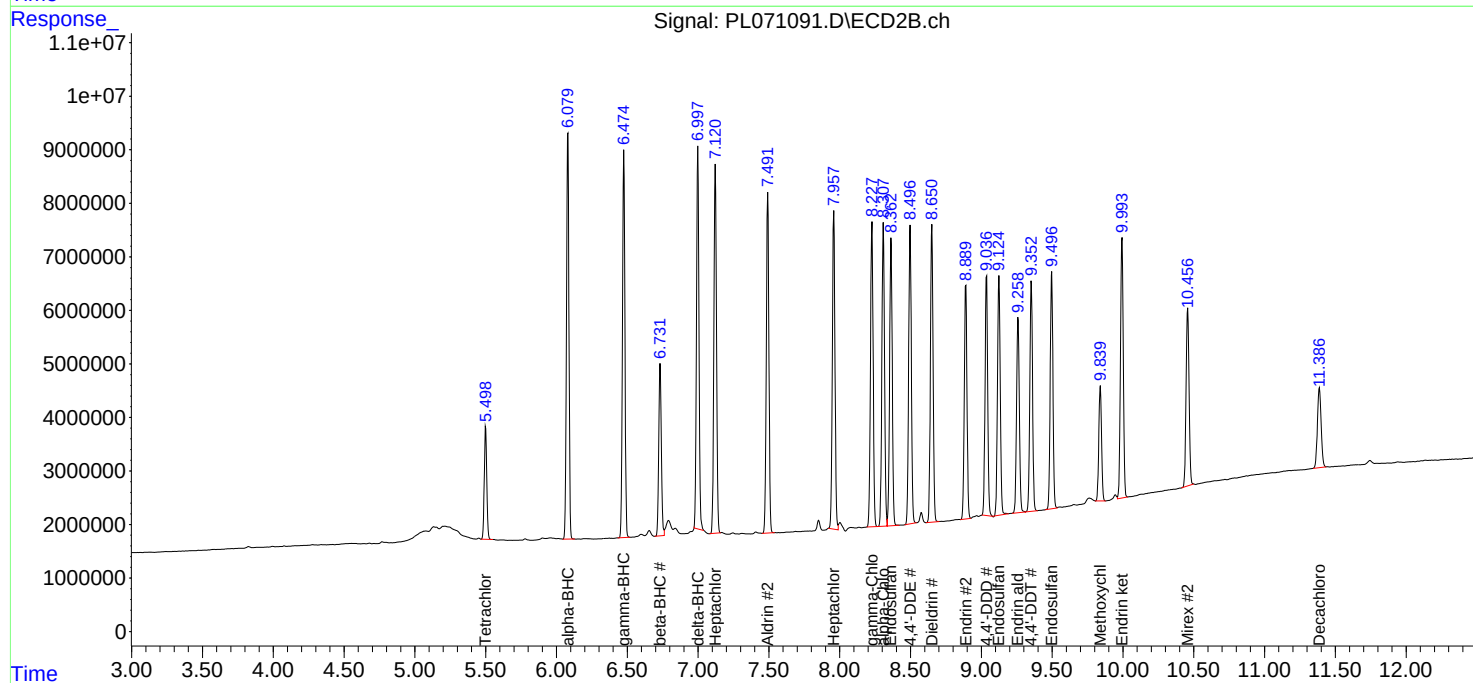
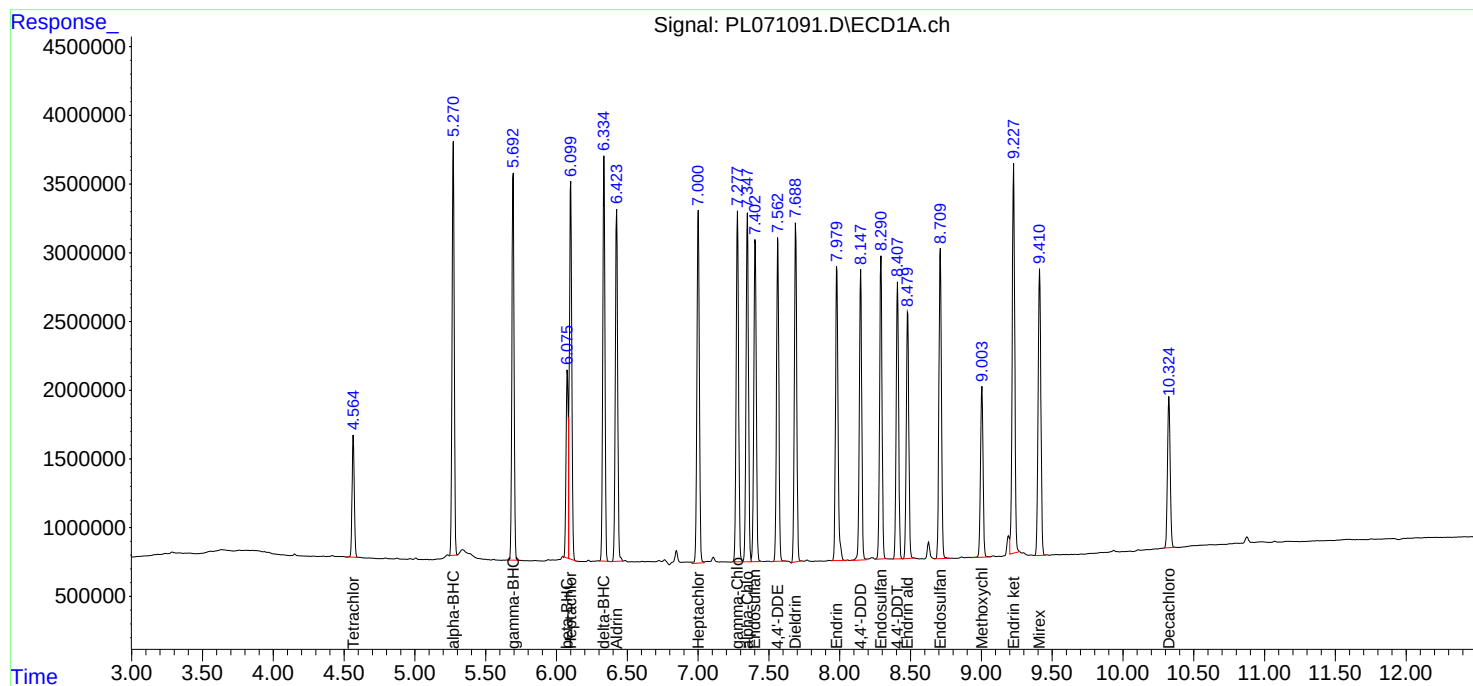
## Manual Integrations

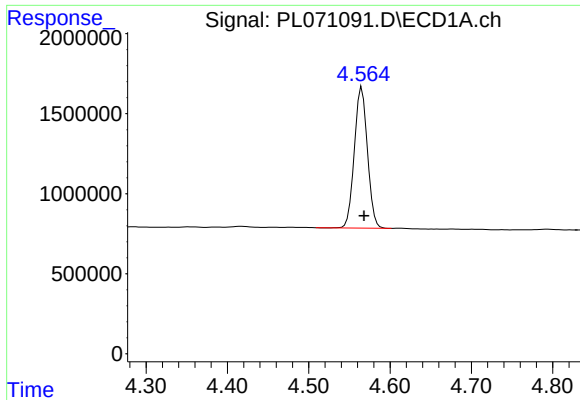
## APPROVED

Reviewed By :Abdul Mirza 11/22/2021  
 Supervised By :Ankita Jodhani 11/22/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 22 05:16:29 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 2021  
 Response via : Initial Calibration  
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Volume Inj. : 1 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 x0.5µm





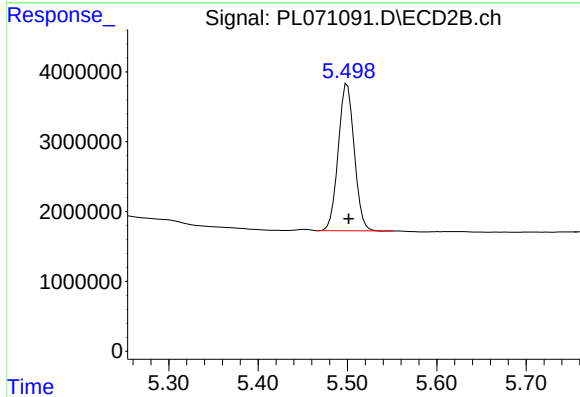
#1 Tetrachloro-m-xylene

R.T.: 4.565 min  
Delta R.T.: -0.003 min  
Response: 9821237  
Conc: 20.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

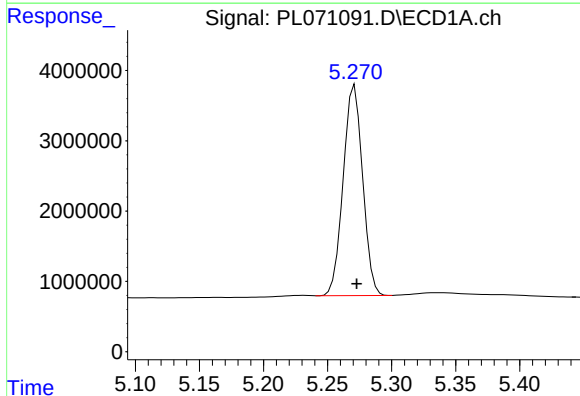
Manual Integrations  
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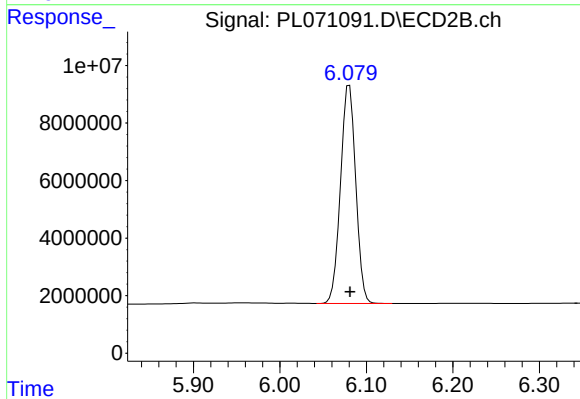
#1 Tetrachloro-m-xylene

R.T.: 5.500 min  
Delta R.T.: -0.001 min  
Response: 26159679  
Conc: 20.75 ng/ml



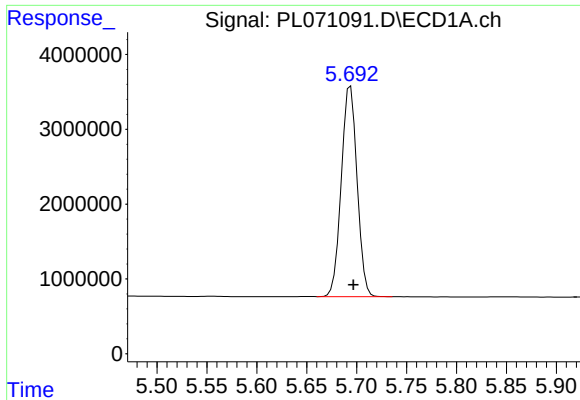
#2 alpha-BHC

R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 31598439  
Conc: 47.20 ng/ml



#2 alpha-BHC

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 92189183  
Conc: 50.08 ng/ml



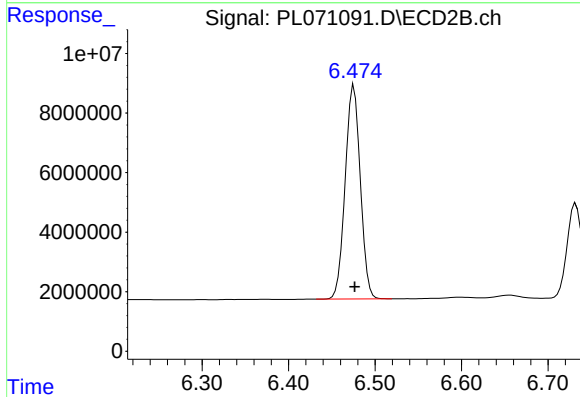
#3 gamma-BHC (Lindane)

R.T.: 5.692 min  
Delta R.T.: -0.004 min  
Response: 30998816  
Conc: 46.21 ng/ml

Instrument :  
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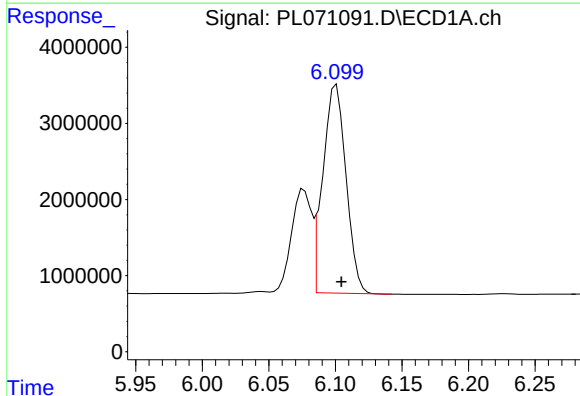
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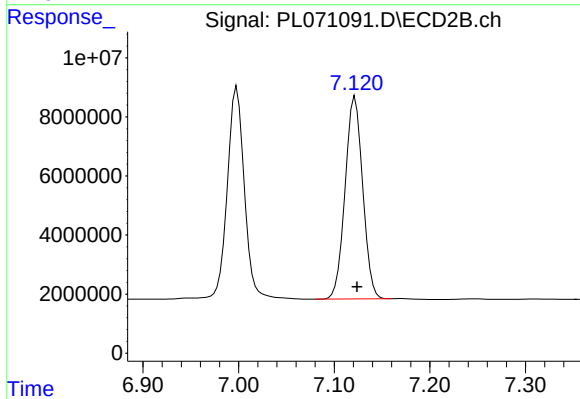
#3 gamma-BHC (Lindane)

R.T.: 6.476 min  
Delta R.T.: -0.001 min  
Response: 86837788  
Conc: 50.08 ng/ml



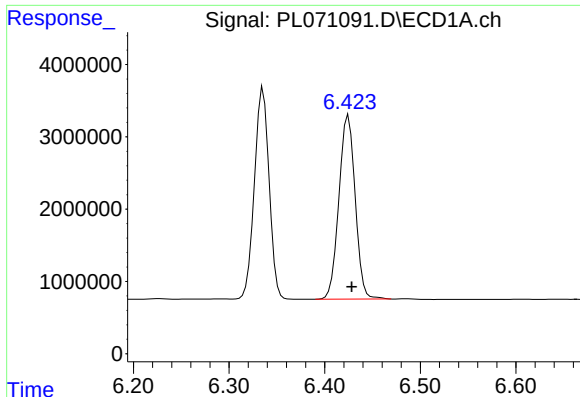
#4 Heptachlor

R.T.: 6.101 min  
Delta R.T.: -0.004 min  
Response: 33105530  
Conc: 46.14 ng/ml



#4 Heptachlor

R.T.: 7.122 min  
Delta R.T.: -0.002 min  
Response: 87992019  
Conc: 54.17 ng/ml



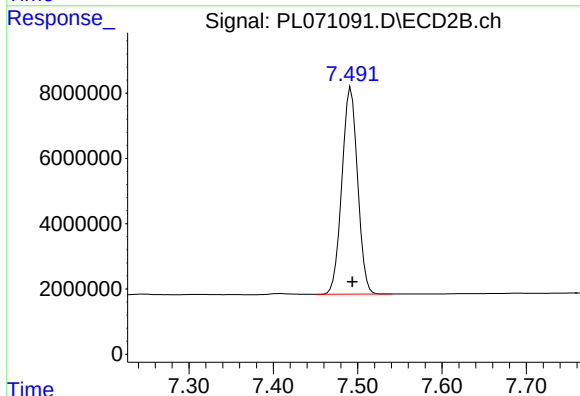
#5 Aldrin

R.T.: 6.425 min  
Delta R.T.: -0.004 min  
Response: 30162354  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

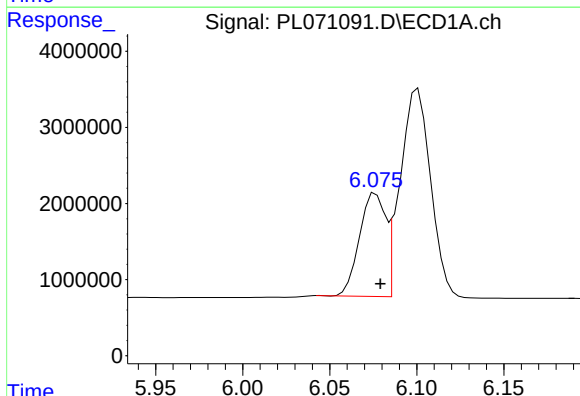
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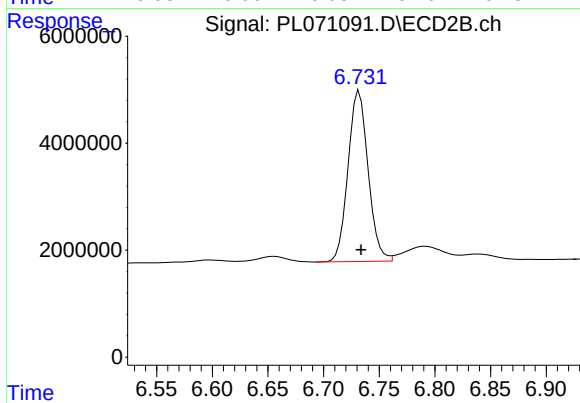
#5 Aldrin

R.T.: 7.492 min  
Delta R.T.: -0.002 min  
Response: 81902393  
Conc: 50.44 ng/ml



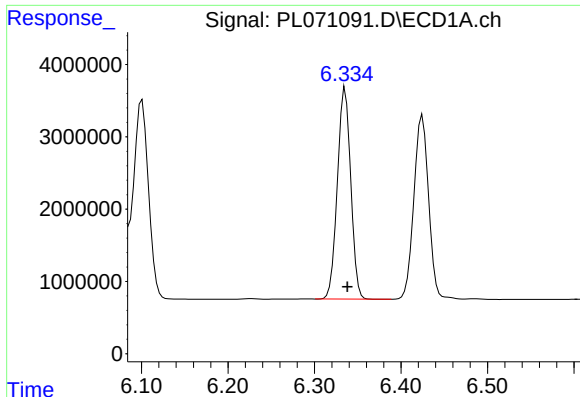
#6 beta-BHC

R.T.: 6.076 min  
Delta R.T.: -0.003 min  
Response: 14094903  
Conc: 43.39 ng/ml



#6 beta-BHC

R.T.: 6.732 min  
Delta R.T.: -0.001 min  
Response: 40145408  
Conc: 46.85 ng/ml



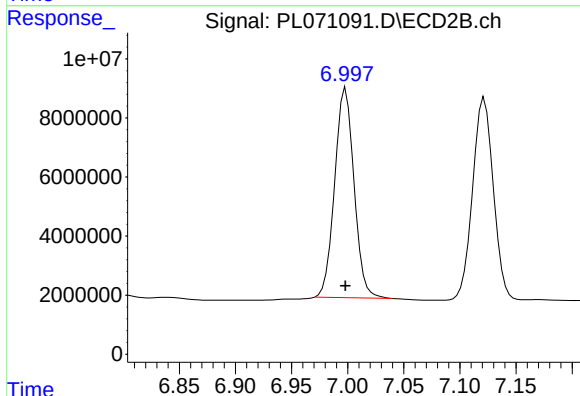
#7 delta-BHC

R.T.: 6.336 min  
Delta R.T.: -0.003 min  
Response: 31164540  
Conc: 47.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

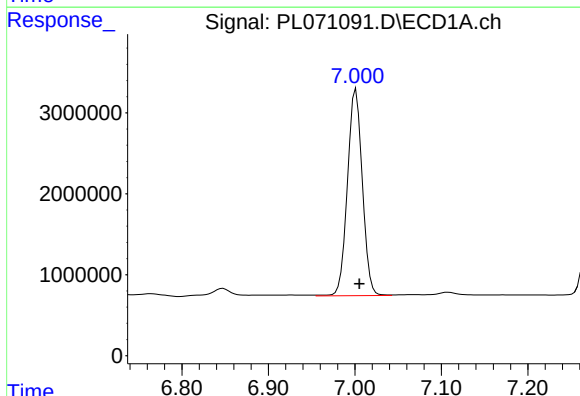
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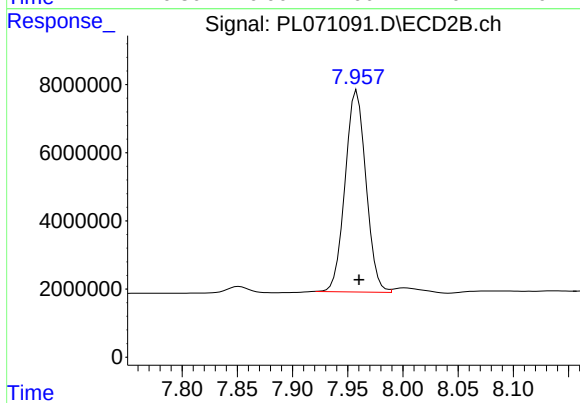
#7 delta-BHC

R.T.: 6.998 min  
Delta R.T.: 0.000 min  
Response: 85239171  
Conc: 50.97 ng/ml



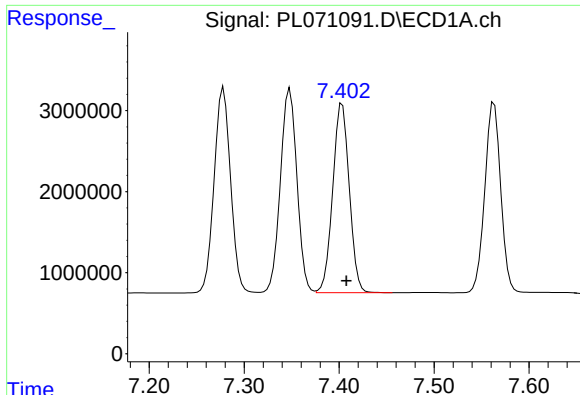
#8 Heptachlor epoxide

R.T.: 7.001 min  
Delta R.T.: -0.004 min  
Response: 30413248  
Conc: 46.78 ng/ml



#8 Heptachlor epoxide

R.T.: 7.958 min  
Delta R.T.: -0.002 min  
Response: 77746284  
Conc: 51.01 ng/ml



# #9 Endosulfan I

R.T.: 7.403 min  
Delta R.T.: -0.004 min  
Response: 28341692  
Conc: 46.27 ng/ml

Instrument :

ECD\_L

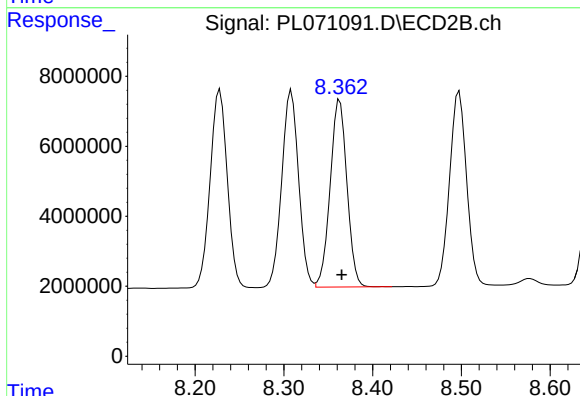
ClientSampleId :

PB140908BS

## Manual Integrations

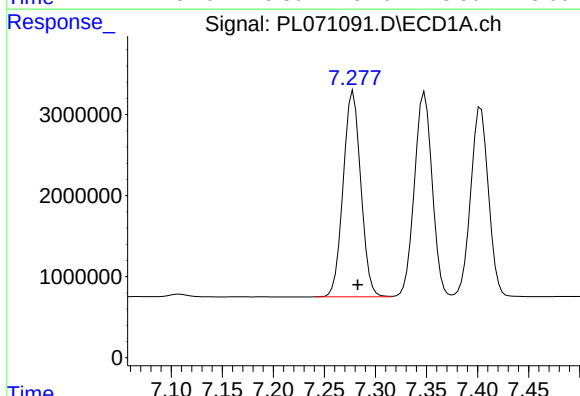
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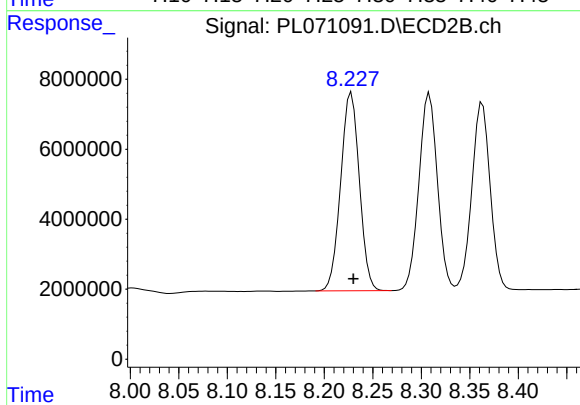
# #9 Endosulfan I

R.T.: 8.363 min  
Delta R.T.: -0.002 min  
Response: 70452639  
Conc: 48.97 ng/ml



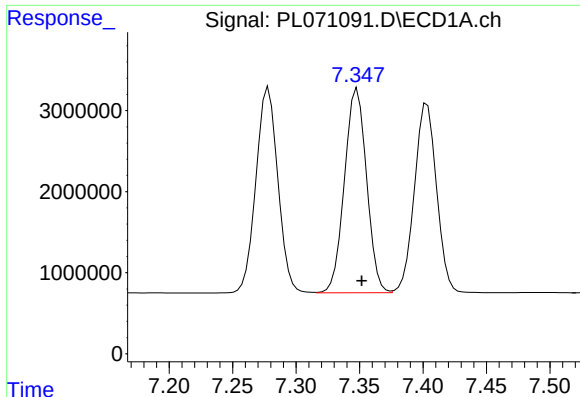
# #10 gamma-Chlordane

R.T.: 7.278 min  
Delta R.T.: -0.005 min  
Response: 30495841  
Conc: 45.94 ng/ml



# #10 gamma-Chlordane

R.T.: 8.228 min  
Delta R.T.: -0.002 min  
Response: 75869505  
Conc: 49.00 ng/ml



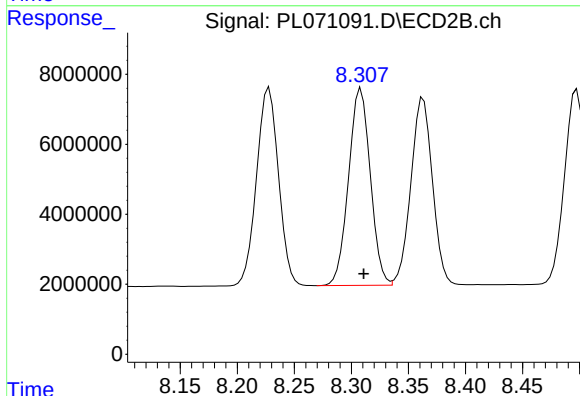
#11 alpha-Chlordane

R.T.: 7.348 min  
Delta R.T.: -0.004 min  
Response: 30546017  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

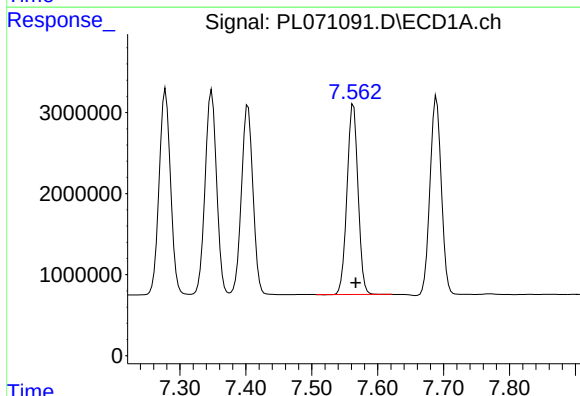
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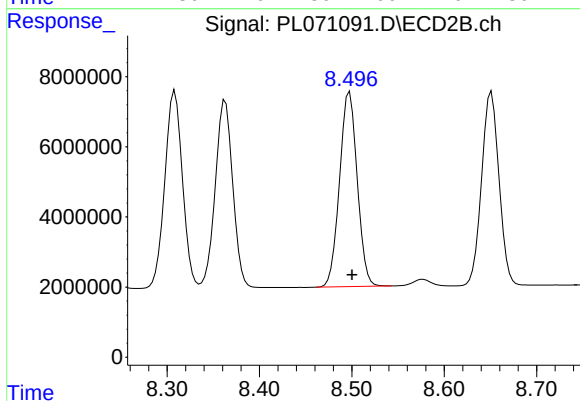
#11 alpha-Chlordane

R.T.: 8.308 min  
Delta R.T.: -0.002 min  
Response: 74738965  
Conc: 49.14 ng/ml



#12 4,4'-DDE

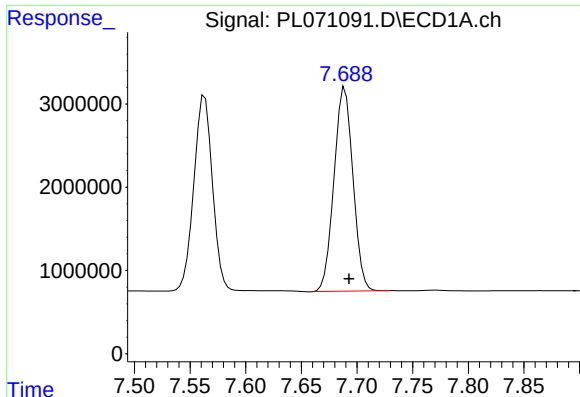
R.T.: 7.563 min  
Delta R.T.: -0.004 min  
Response: 27294010  
Conc: 46.85 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min  
Delta R.T.: -0.003 min  
Response: 73877540  
Conc: 50.07 ng/ml





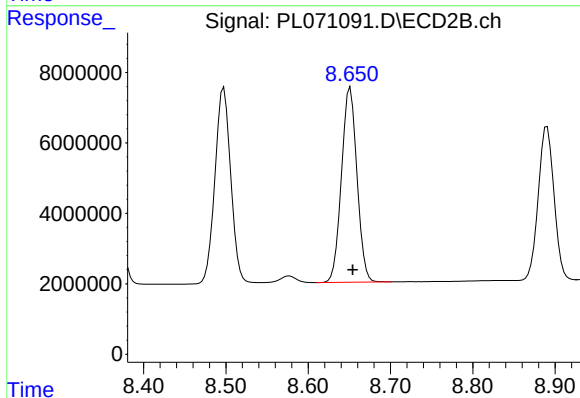
#13 Dieldrin

R.T.: 7.689 min  
Delta R.T.: -0.004 min  
Response: 29076053  
Conc: 46.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

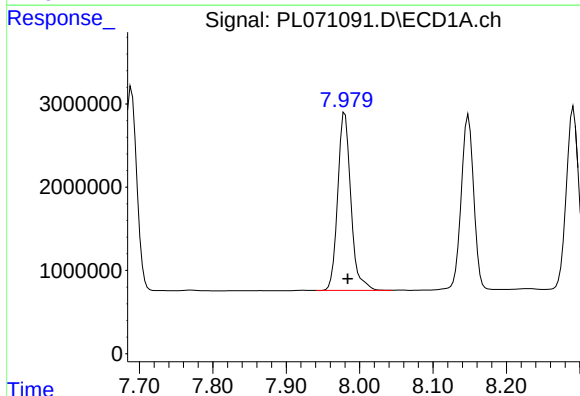
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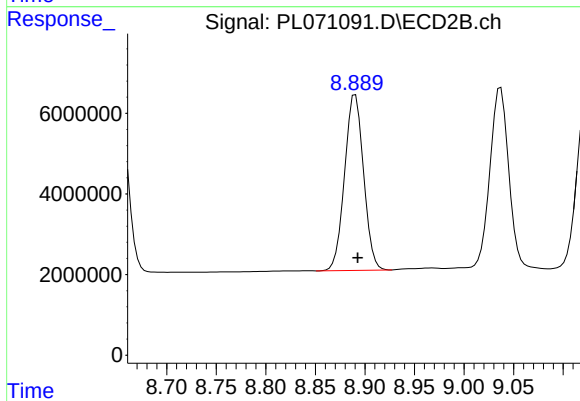
#13 Dieldrin

R.T.: 8.651 min  
Delta R.T.: -0.003 min  
Response: 72373479  
Conc: 49.67 ng/ml



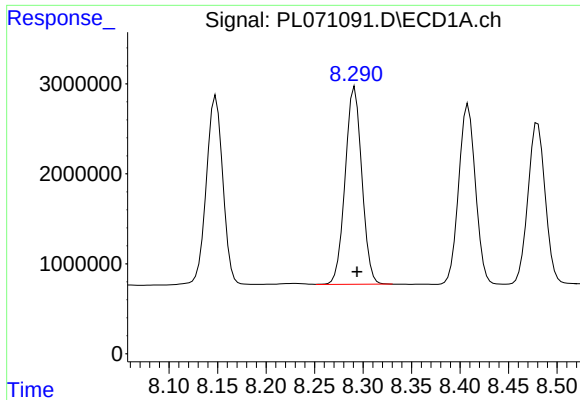
#14 Endrin

R.T.: 7.980 min  
Delta R.T.: -0.004 min  
Response: 26624642  
Conc: 46.96 ng/ml



#14 Endrin

R.T.: 8.890 min  
Delta R.T.: -0.002 min  
Response: 58028185  
Conc: 50.10 ng/ml



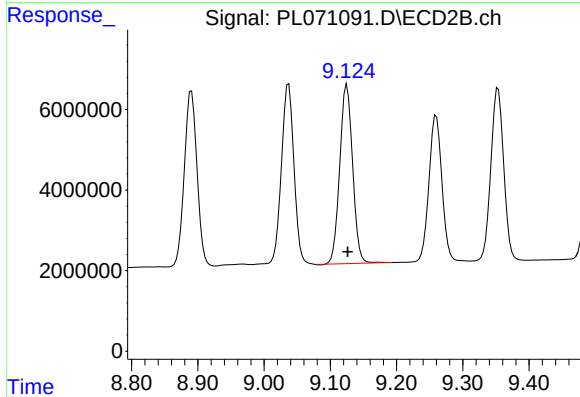
#15 Endosulfan II

R.T.: 8.291 min  
Delta R.T.: -0.002 min  
Response: 26246276  
Conc: 43.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

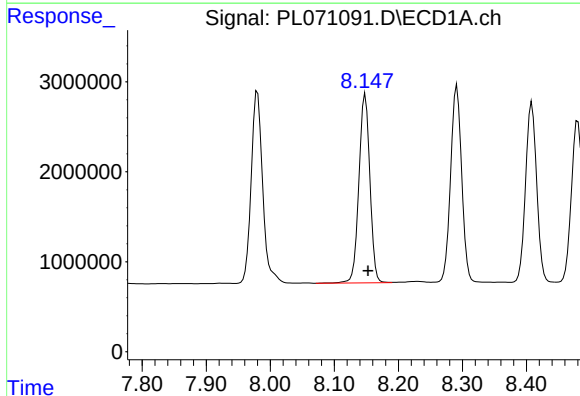
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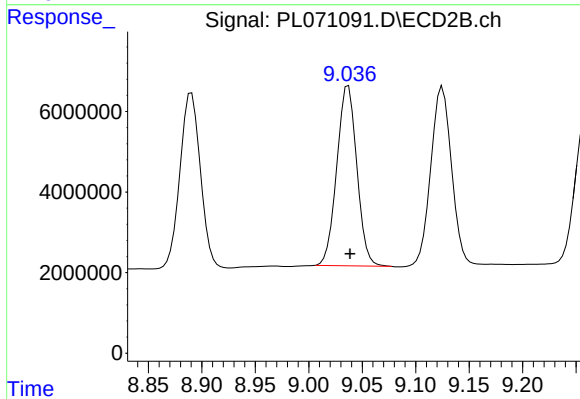
#15 Endosulfan II

R.T.: 9.125 min  
Delta R.T.: -0.001 min  
Response: 60025389  
Conc: 49.15 ng/ml



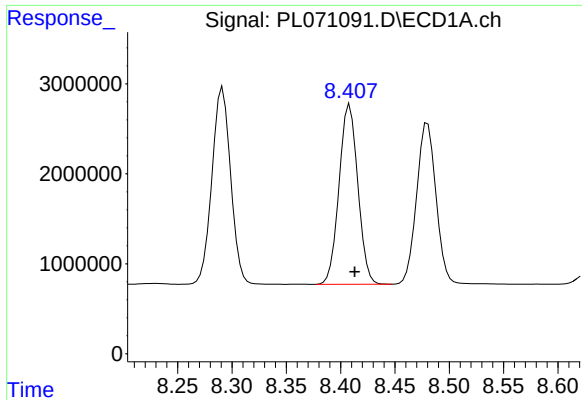
#16 4,4'-DDD

R.T.: 8.148 min  
Delta R.T.: -0.004 min  
Response: 25052339  
Conc: 49.31 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min  
Delta R.T.: -0.002 min  
Response: 58457044  
Conc: 48.58 ng/ml



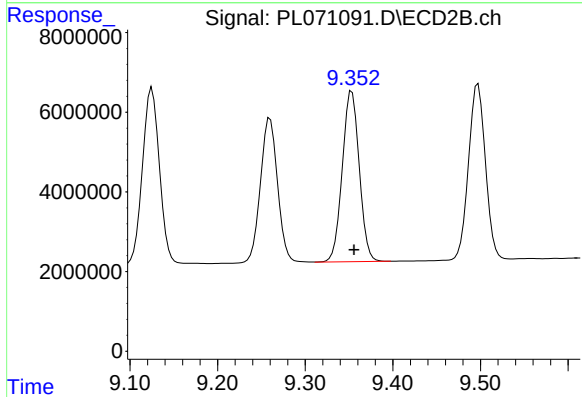
#17 4,4'-DDT

R.T.: 8.408 min  
Delta R.T.: -0.005 min  
Response: 24065626  
Conc: 43.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

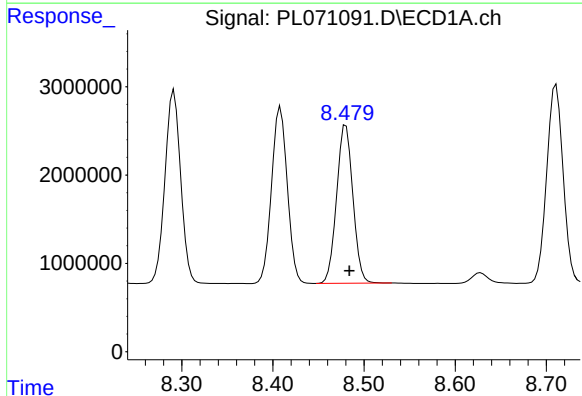
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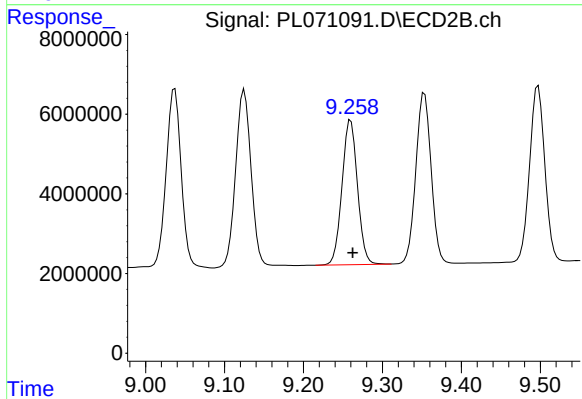
#17 4,4'-DDT

R.T.: 9.353 min  
Delta R.T.: -0.002 min  
Response: 57762564  
Conc: 45.79 ng/ml



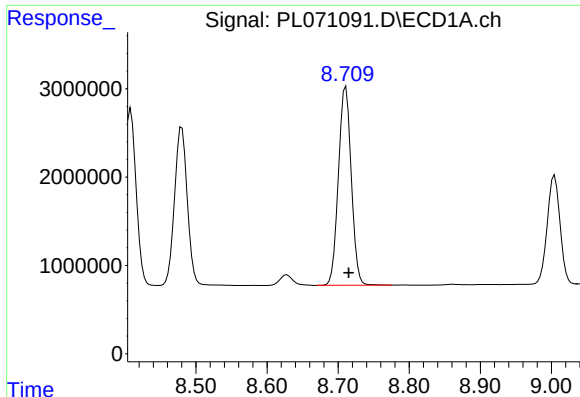
#18 Endrin aldehyde

R.T.: 8.480 min  
Delta R.T.: -0.004 min  
Response: 22197684  
Conc: 48.86 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min  
Delta R.T.: -0.002 min  
Response: 49510725  
Conc: 51.20 ng/ml



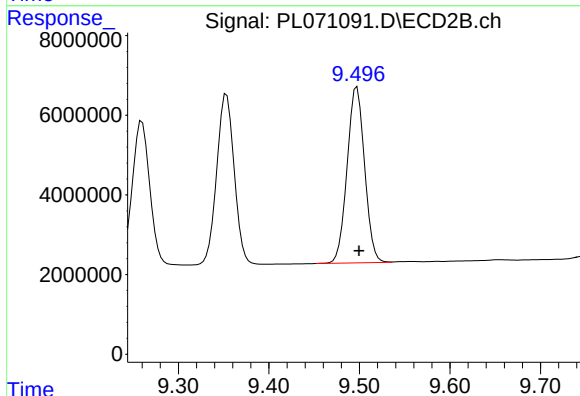
#19 Endosulfan Sulfate

R.T.: 8.711 min  
Delta R.T.: -0.004 min  
Response: 28249954  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

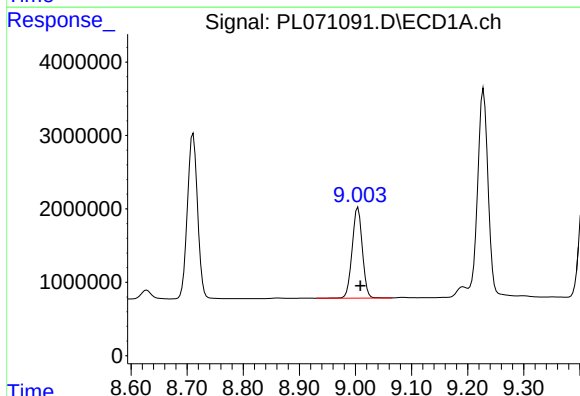
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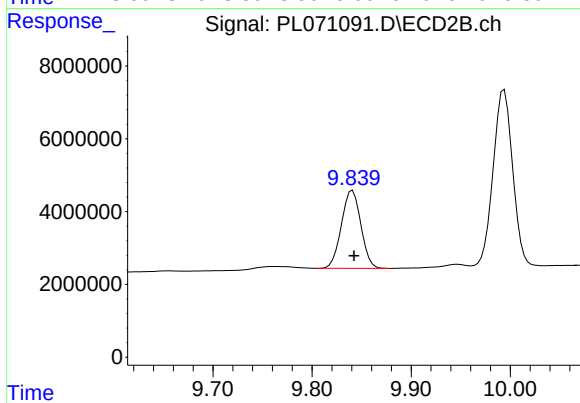
#19 Endosulfan Sulfate

R.T.: 9.497 min  
Delta R.T.: -0.002 min  
Response: 59350296  
Conc: 47.89 ng/ml



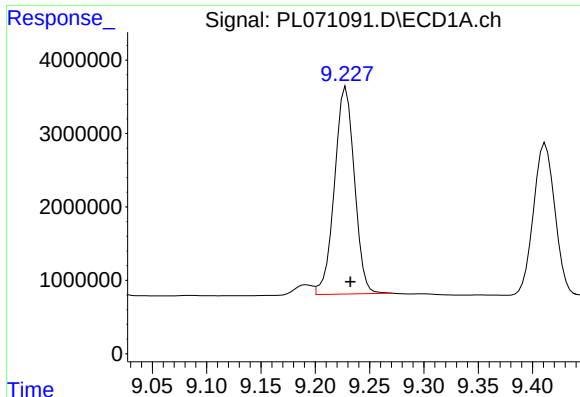
#20 Methoxychlor

R.T.: 9.005 min  
Delta R.T.: -0.004 min  
Response: 15624482  
Conc: 42.71 ng/ml



#20 Methoxychlor

R.T.: 9.841 min  
Delta R.T.: -0.002 min  
Response: 29208473  
Conc: 43.16 ng/ml



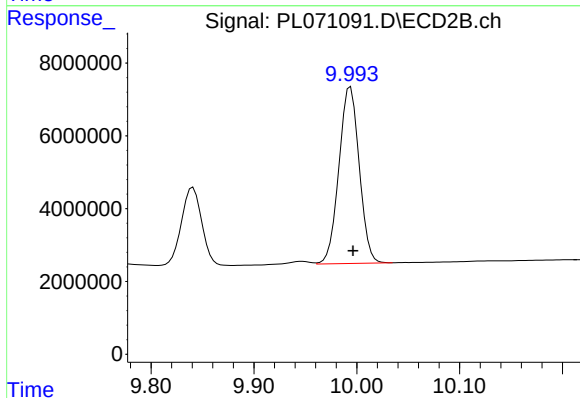
#21 Endrin ketone

R.T.: 9.228 min  
Delta R.T.: -0.004 min  
Response: 36051459  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

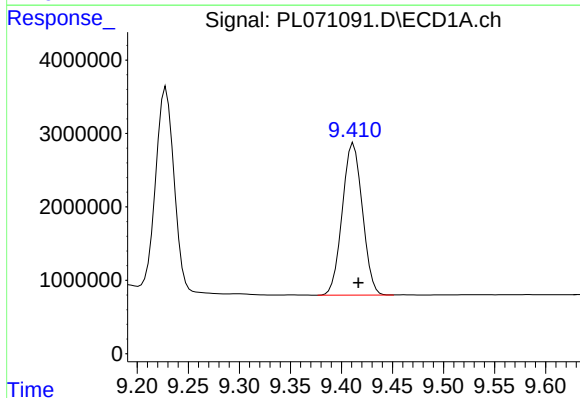
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/22/2021  
Supervised By :Ankita Jodhani 11/22/2021



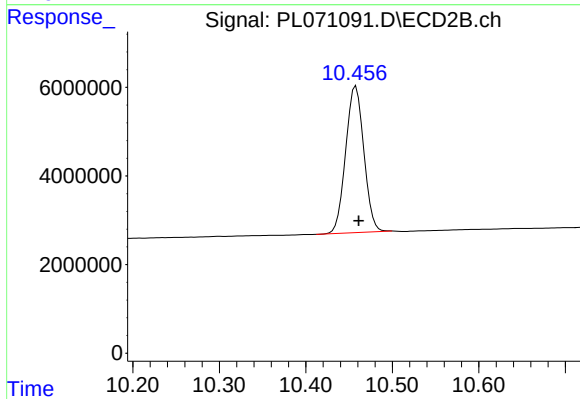
#21 Endrin ketone

R.T.: 9.994 min  
Delta R.T.: -0.002 min  
Response: 66458238  
Conc: 46.30 ng/ml



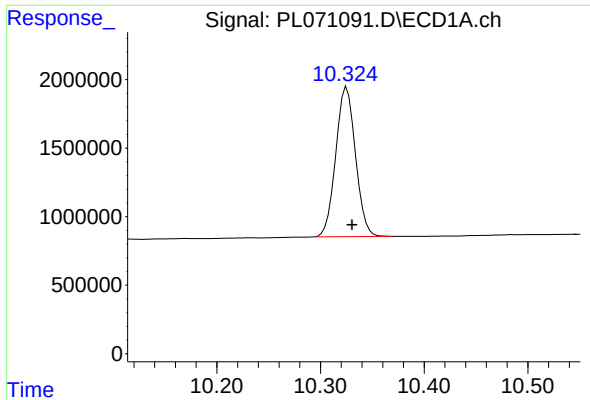
#22 Mirex

R.T.: 9.412 min  
Delta R.T.: -0.005 min  
Response: 28381930  
Conc: 46.21 ng/ml



#22 Mirex

R.T.: 10.458 min  
Delta R.T.: -0.003 min  
Response: 48157409  
Conc: 46.23 ng/ml



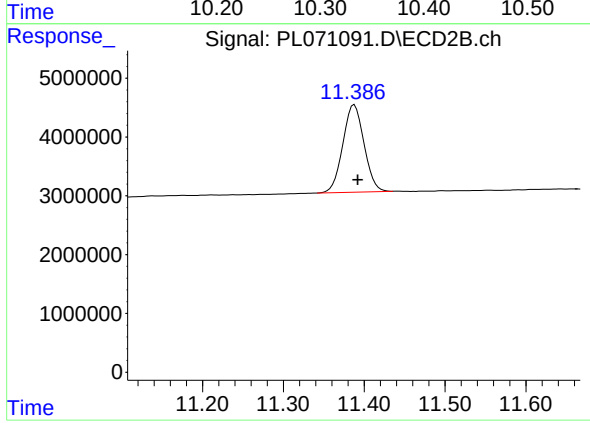
#28 Decachlorobiphenyl

R.T.: 10.325 min  
Delta R.T.: -0.005 min  
Response: 14423699  
Conc: 21.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB140908BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/22/2021  
Supervised By :Ankita Jodhani 11/22/2021



#28 Decachlorobiphenyl

R.T.: 11.388 min  
Delta R.T.: -0.004 min  
Response: 27112158  
Conc: 20.27 ng/ml