

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060922\  
 Data File : PL075673.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jun 2022 17:00  
 Operator : AR\AJ  
 Sample : PB145434BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB145434BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/10/2022  
 Supervised By :Ankita Jodhani 06/10/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 09 23:50:33 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 02:04:29 2022  
 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... | 5.641  | 4.636  | 13643810 | 29308397 | 20.216 | 17.464   |
| 2)                          | SA Decachlor... | 11.638 | 10.383 | 13617389 | 22321830 | 22.243 | 15.843 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 6.226  | 5.338  | 7156690  | 17166116 | 7.614  | 7.581    |
| 3)                          | MA gamma-BHC... | 6.624  | 5.760  | 7230296  | 17236784 | 8.237  | 7.948    |
| 4)                          | MA Heptachlor   | 7.279  | 6.168  | 8743354  | 18560514 | 9.508  | 8.705    |
| 5)                          | MB Aldrin       | 7.651  | 6.492  | 8036556  | 17756277 | 9.788m | 9.041    |
| 6)                          | B beta-BHC      | 6.876  | 6.139  | 3620782  | 8971065  | 8.822  | 9.140    |
| 7)                          | B delta-BHC     | 7.145  | 6.399  | 1237570  | 3562361  | 1.608  | 1.664    |
| 8)                          | B Heptachlo...  | 8.121  | 7.066  | 8473639  | 16435573 | 10.962 | 8.982    |
| 9)                          | A Endosulfan I  | 8.529  | 7.468  | 6541180  | 14000202 | 9.349  | 8.371    |
| 10)                         | B gamma-Chl...  | 8.390  | 7.342  | 7546738  | 15855279 | 9.718m | 8.647    |
| 11)                         | B alpha-Chl...  | 8.474  | 7.412  | 7253395  | 15654636 | 9.511  | 8.574    |
| 12)                         | B 4,4'-DDE      | 8.659  | 7.624  | 6264868  | 13566227 | 9.466  | 8.485    |
| 13)                         | MA Dieldrin     | 8.820  | 7.753  | 7238698  | 14824490 | 10.020 | 8.758    |
| 14)                         | MA Endrin       | 9.062  | 8.044  | 5824481  | 12830841 | 9.823  | 9.385    |
| 15)                         | B Endosulfa...  | 9.295  | 8.354  | 6880616  | 12636881 | 11.057 | 8.818    |
| 16)                         | A 4,4'-DDD      | 9.201  | 8.207  | 5486537  | 10588414 | 10.027 | 8.052    |
| 17)                         | MA 4,4'-DDT     | 9.519  | 8.468  | 5025487  | 10630185 | 7.845m | 7.562    |
| 18)                         | B Endrin al...  | 9.430  | 8.541  | 6086827  | 10192453 | 11.884 | 9.049    |
| 19)                         | B Endosulfa...  | 9.667  | 8.771  | 4936821  | 9214676  | 7.881  | 6.274    |
| 20)                         | A Methoxychlor  | 10.006 | 9.061  | 3070643  | 6648983  | 8.578  | 8.162    |
| 21)                         | B Endrin ke...  | 10.170 | 9.290  | 7413842  | 12492770 | 10.542 | 7.739 #  |
| 22)                         | Mirex           | 10.644 | 9.477  | 18852942 | 34729919 | 33.499 | 27.046   |
| -----                       |                 |        |        |          |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060922\  
Data File : PL075673.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jun 2022 17:00  
Operator : AR\AJ  
Sample : PB145434BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB145434BS

## Manual Integrations

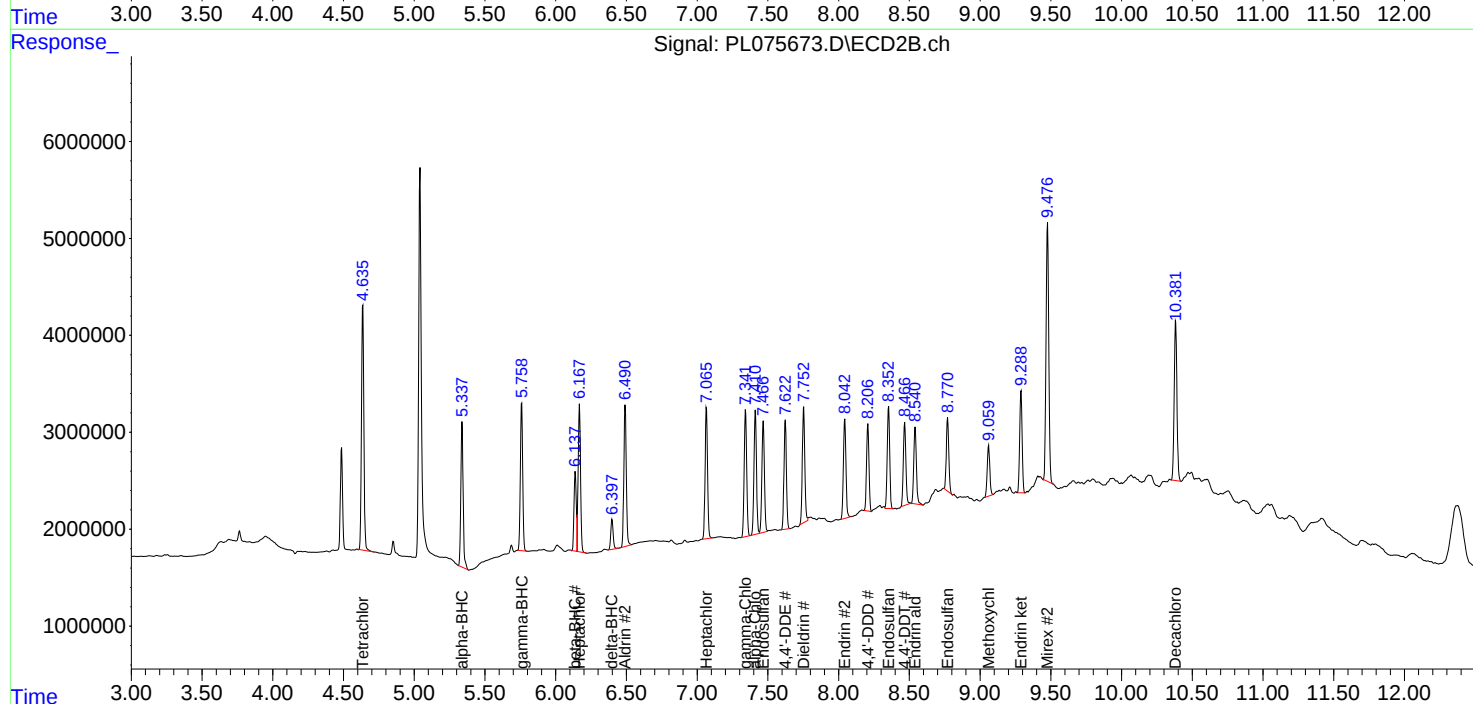
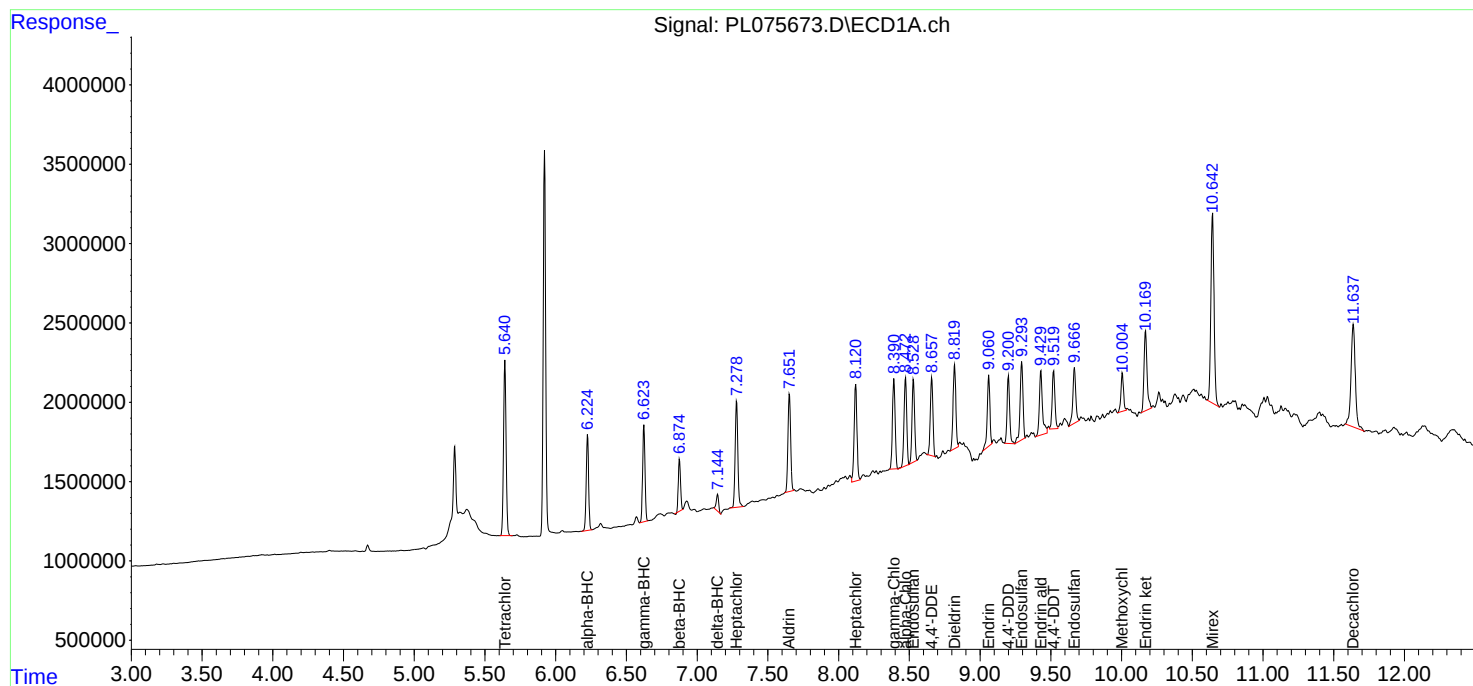
APPROVED

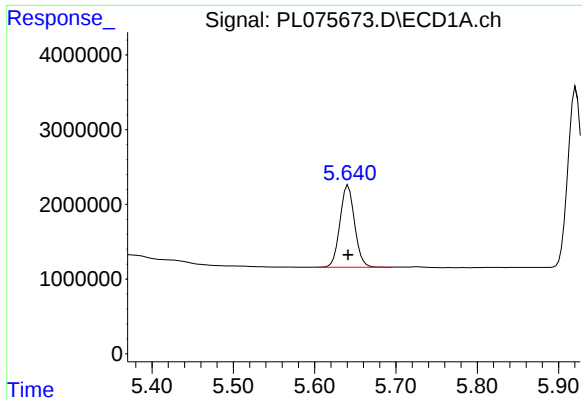
Reviewed By :Abdul Mirza 06/10/2022

Supervised By :Ankita Jodhani 06/10/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 09 23:50:33 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 07 02:04:29 2022  
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





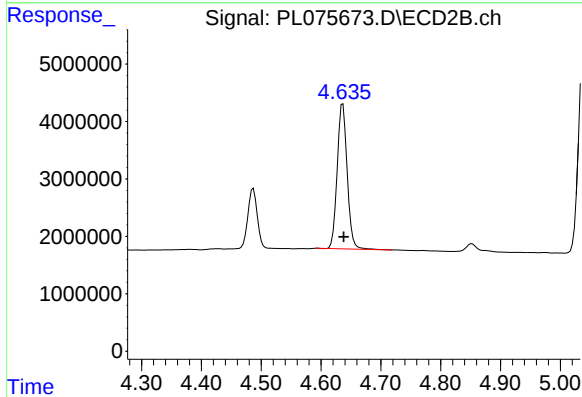
#1 Tetrachloro-m-xylene

R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 13643810  
Conc: 20.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

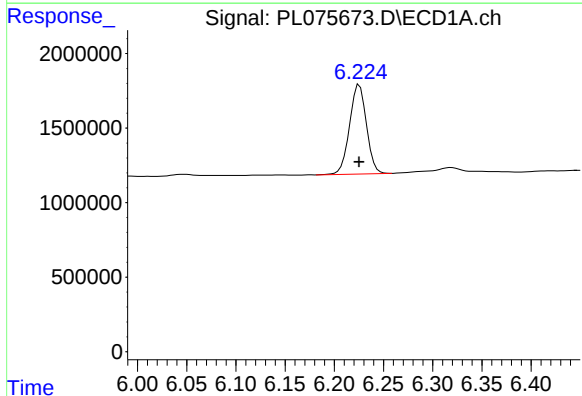
Manual Integrations  
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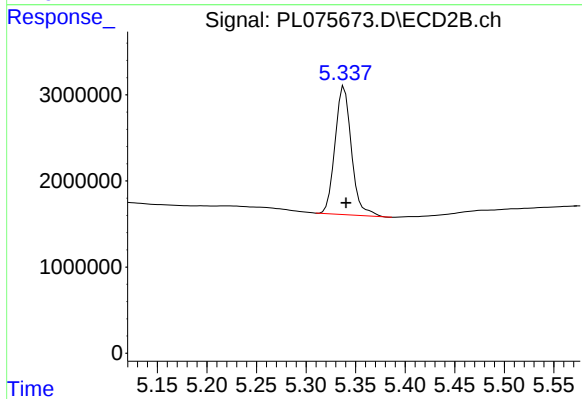
#1 Tetrachloro-m-xylene

R.T.: 4.636 min  
Delta R.T.: -0.001 min  
Response: 29308397  
Conc: 17.46 ng/ml



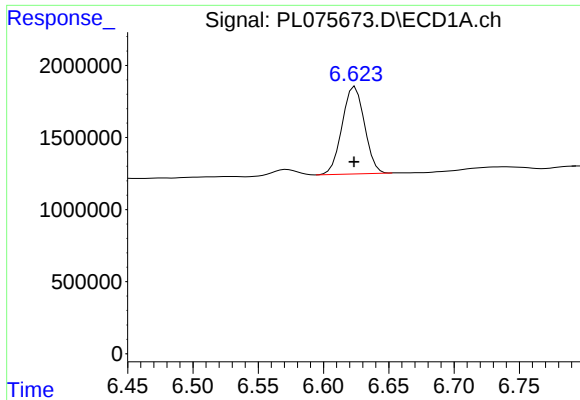
#2 alpha-BHC

R.T.: 6.226 min  
Delta R.T.: 0.000 min  
Response: 7156690  
Conc: 7.61 ng/ml



#2 alpha-BHC

R.T.: 5.338 min  
Delta R.T.: -0.002 min  
Response: 17166116  
Conc: 7.58 ng/ml



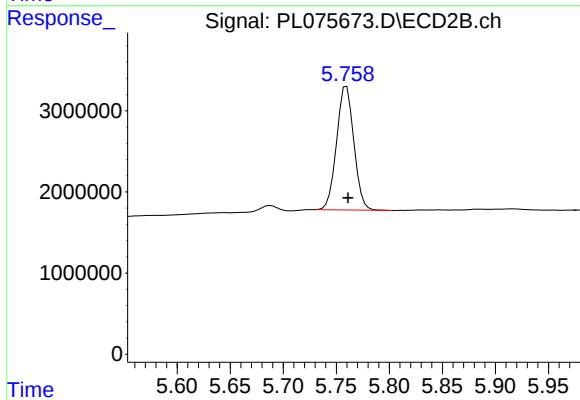
#3 gamma-BHC (Lindane)

R.T.: 6.624 min  
Delta R.T.: 0.000 min  
Response: 7230296  
Conc: 8.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

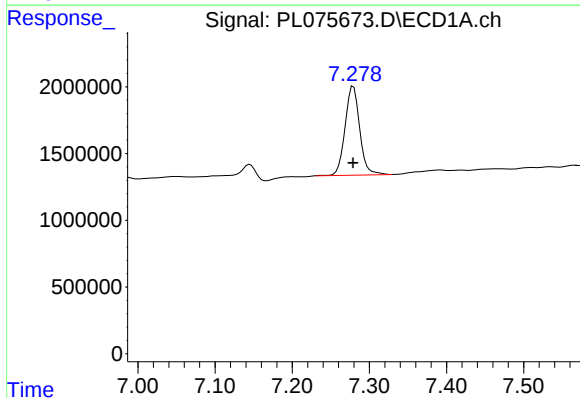
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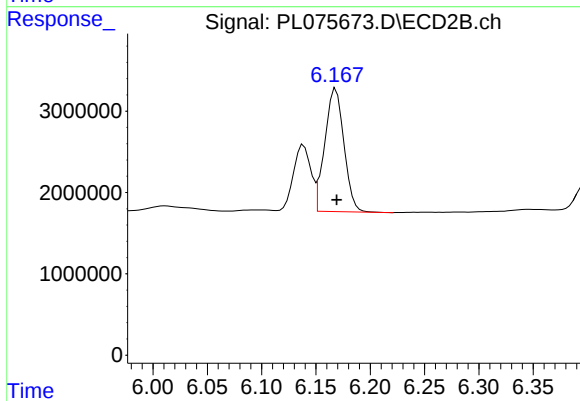
#3 gamma-BHC (Lindane)

R.T.: 5.760 min  
Delta R.T.: -0.001 min  
Response: 17236784  
Conc: 7.95 ng/ml



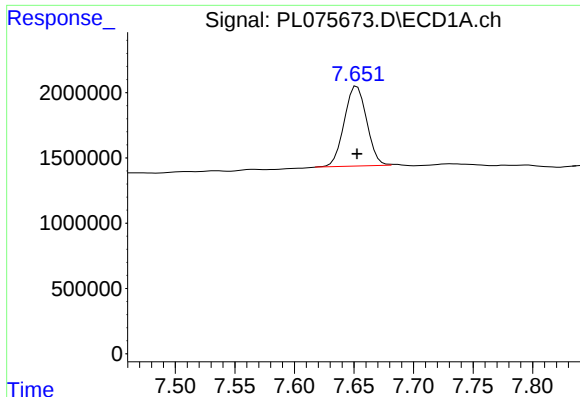
#4 Heptachlor

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 8743354  
Conc: 9.51 ng/ml



#4 Heptachlor

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 18560514  
Conc: 8.70 ng/ml



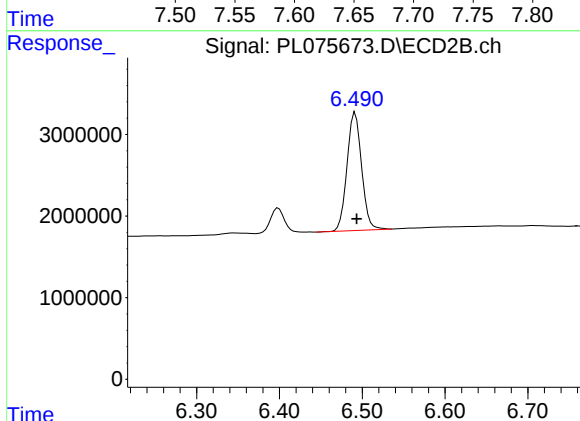
#5 Aldrin

R.T.: 7.651 min  
Delta R.T.: -0.001 min  
Response: 8036556  
Conc: 9.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

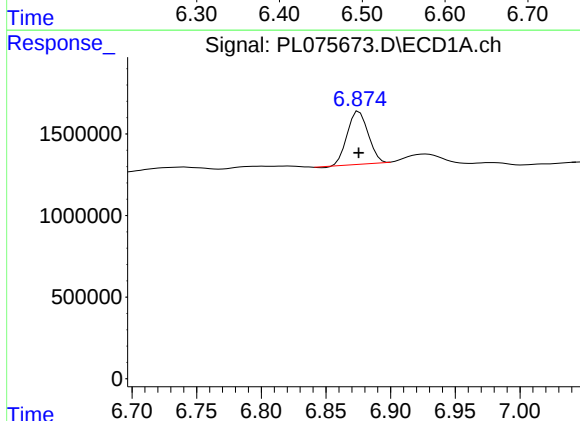
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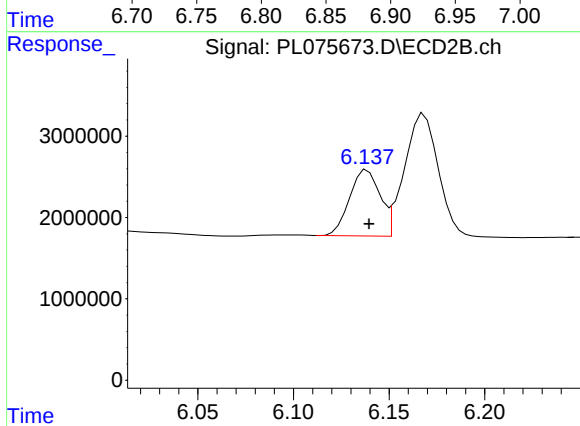
#5 Aldrin

R.T.: 6.492 min  
Delta R.T.: -0.002 min  
Response: 17756277  
Conc: 9.04 ng/ml



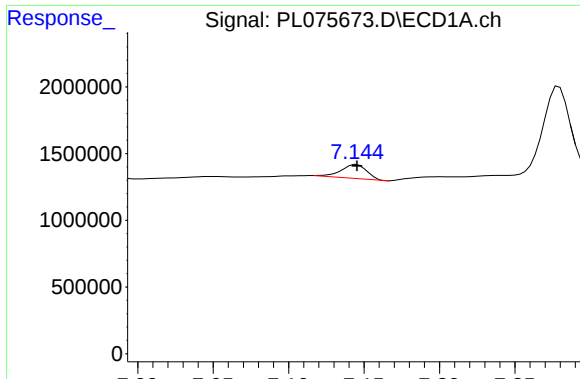
#6 beta-BHC

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 3620782  
Conc: 8.82 ng/ml



#6 beta-BHC

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 8971065  
Conc: 9.14 ng/ml



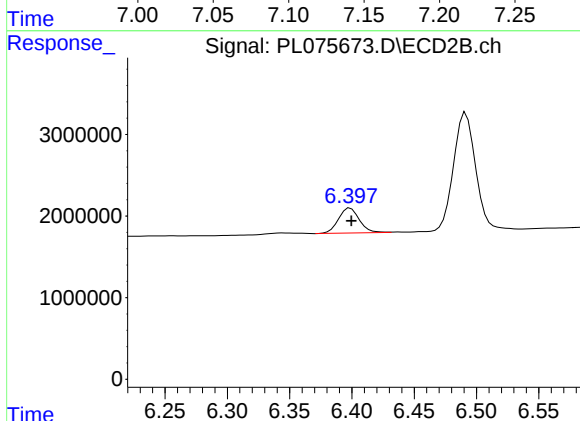
#7 delta-BHC

R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 1237570  
Conc: 1.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

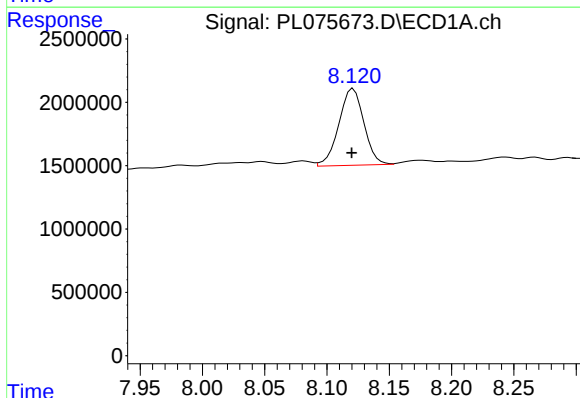
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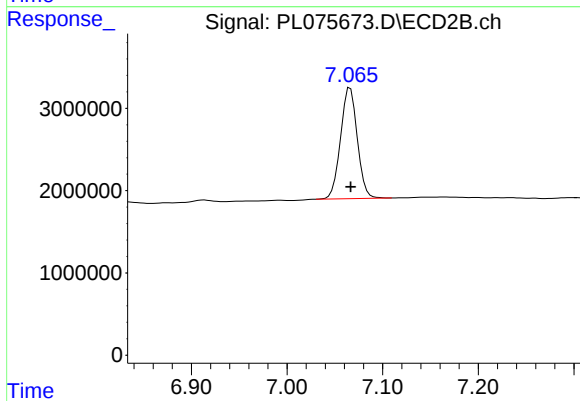
#7 delta-BHC

R.T.: 6.399 min  
Delta R.T.: -0.001 min  
Response: 3562361  
Conc: 1.66 ng/ml



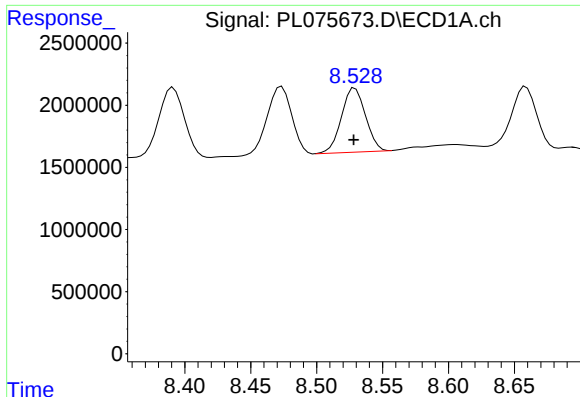
#8 Heptachlor epoxide

R.T.: 8.121 min  
Delta R.T.: 0.001 min  
Response: 8473639  
Conc: 10.96 ng/ml



#8 Heptachlor epoxide

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 16435573  
Conc: 8.98 ng/ml



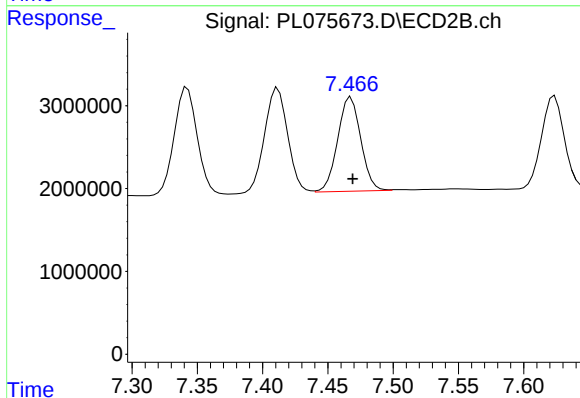
#9 Endosulfan I

R.T.: 8.529 min  
Delta R.T.: 0.000 min  
Response: 6541180  
Conc: 9.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

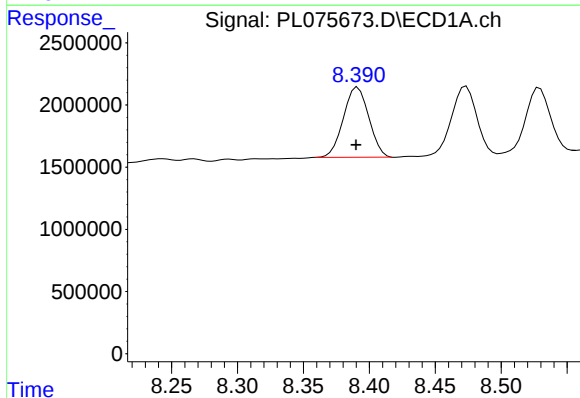
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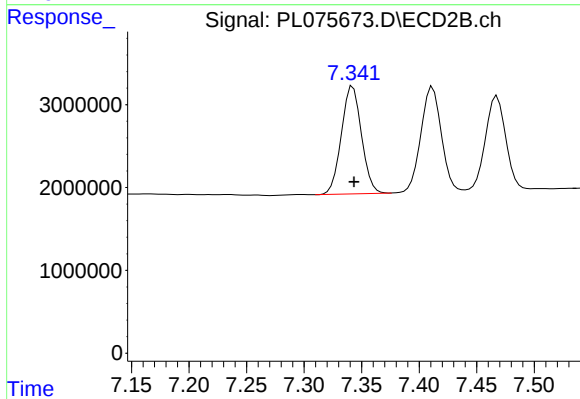
#9 Endosulfan I

R.T.: 7.468 min  
Delta R.T.: -0.001 min  
Response: 14000202  
Conc: 8.37 ng/ml



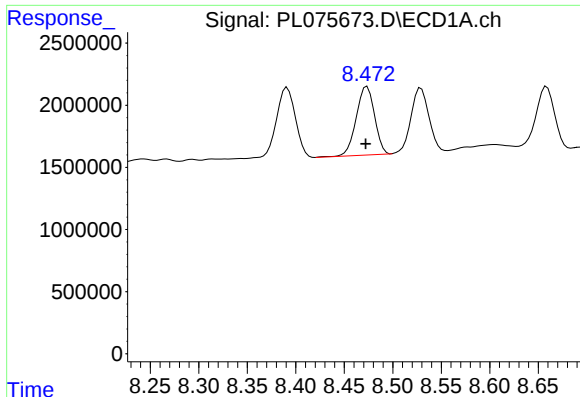
#10 gamma-Chlordane

R.T.: 8.390 min  
Delta R.T.: 0.000 min  
Response: 7546738  
Conc: 9.72 ng/ml m



#10 gamma-Chlordane

R.T.: 7.342 min  
Delta R.T.: -0.001 min  
Response: 15855279  
Conc: 8.65 ng/ml



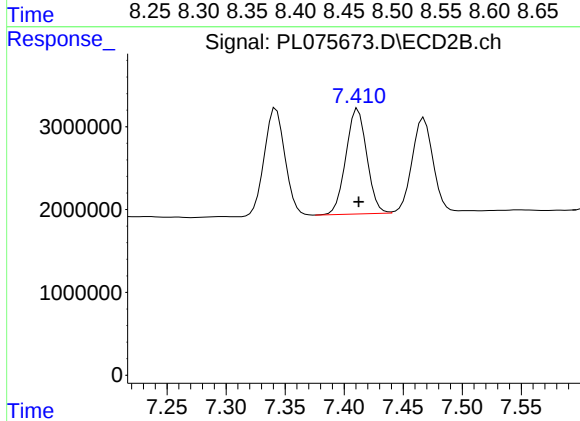
#11 alpha-Chlordane

R.T.: 8.474 min  
Delta R.T.: 0.001 min  
Response: 7253395  
Conc: 9.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

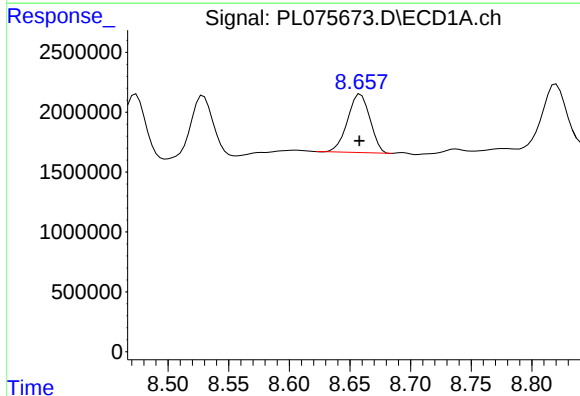
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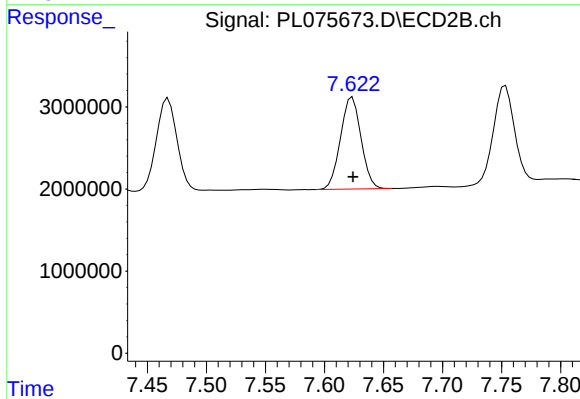
#11 alpha-Chlordane

R.T.: 7.412 min  
Delta R.T.: 0.000 min  
Response: 15654636  
Conc: 8.57 ng/ml



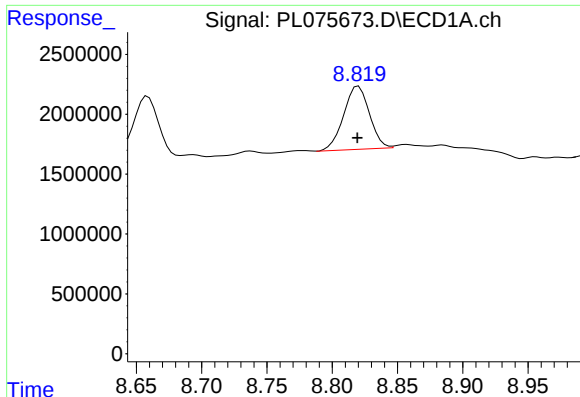
#12 4,4'-DDE

R.T.: 8.659 min  
Delta R.T.: 0.000 min  
Response: 6264868  
Conc: 9.47 ng/ml



#12 4,4'-DDE

R.T.: 7.624 min  
Delta R.T.: 0.000 min  
Response: 13566227  
Conc: 8.49 ng/ml



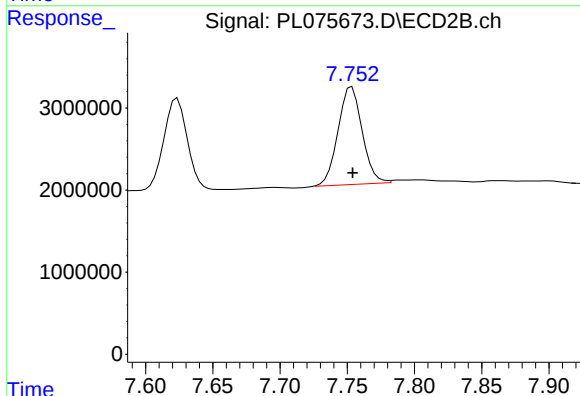
#13 Dieldrin

R.T.: 8.820 min  
Delta R.T.: 0.001 min  
Response: 7238698  
Conc: 10.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

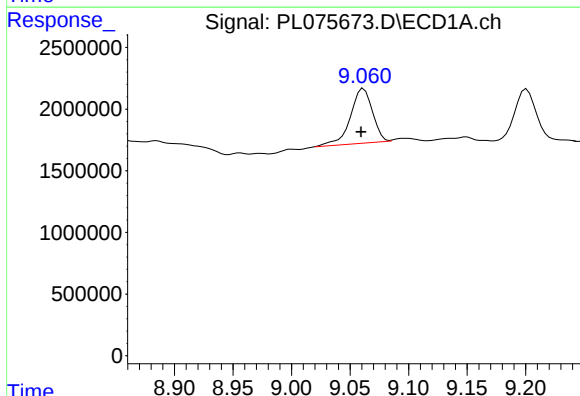
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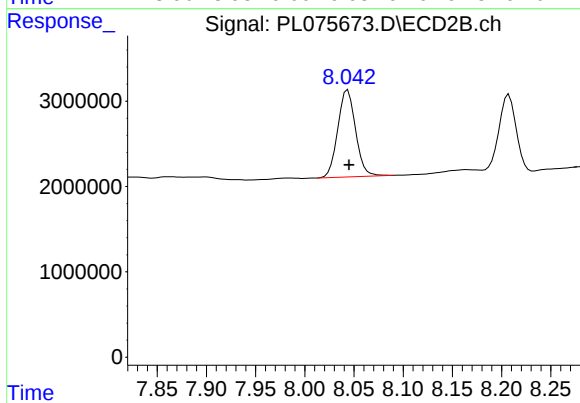
#13 Dieldrin

R.T.: 7.753 min  
Delta R.T.: 0.000 min  
Response: 14824490  
Conc: 8.76 ng/ml



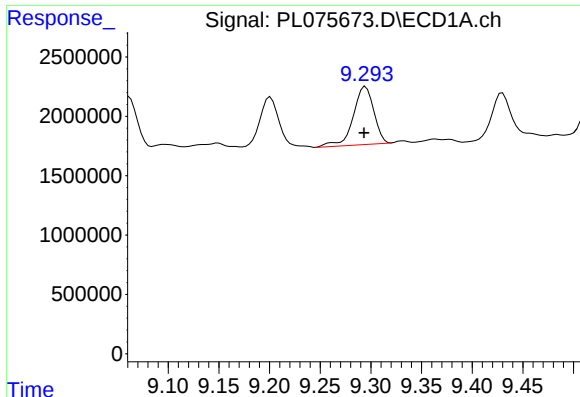
#14 Endrin

R.T.: 9.062 min  
Delta R.T.: 0.002 min  
Response: 5824481  
Conc: 9.82 ng/ml



#14 Endrin

R.T.: 8.044 min  
Delta R.T.: -0.001 min  
Response: 12830841  
Conc: 9.39 ng/ml



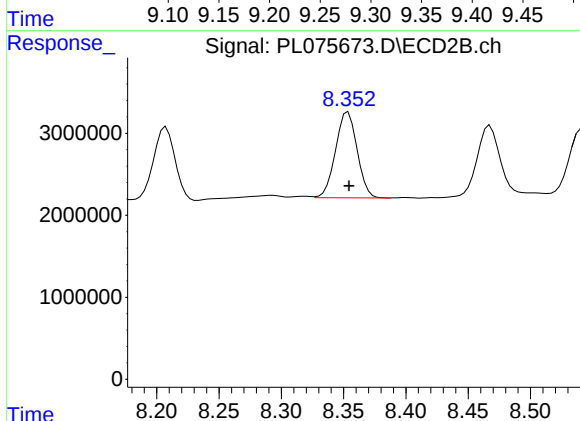
#15 Endosulfan II

R.T.: 9.295 min  
Delta R.T.: 0.002 min  
Response: 6880616  
Conc: 11.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

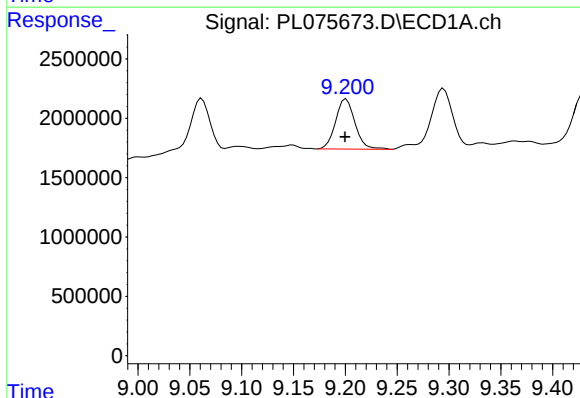
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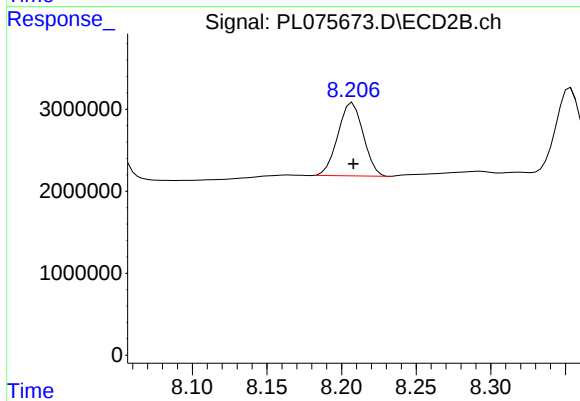
#15 Endosulfan II

R.T.: 8.354 min  
Delta R.T.: 0.000 min  
Response: 12636881  
Conc: 8.82 ng/ml



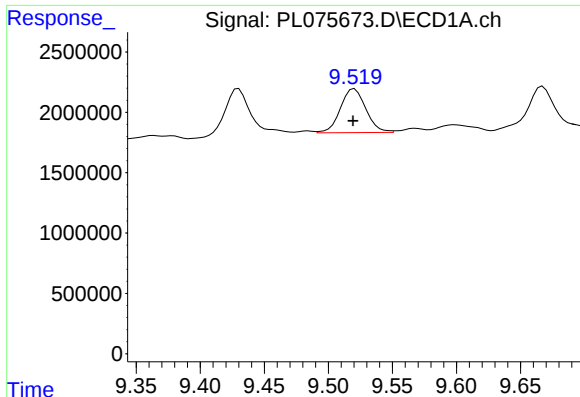
#16 4,4'-DDD

R.T.: 9.201 min  
Delta R.T.: 0.001 min  
Response: 5486537  
Conc: 10.03 ng/ml



#16 4,4'-DDD

R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 10588414  
Conc: 8.05 ng/ml



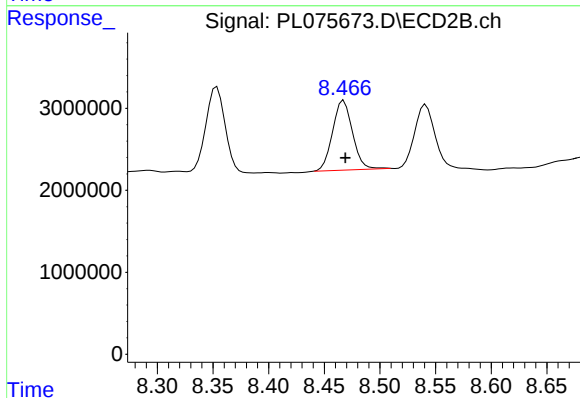
#17 4,4'-DDT

R.T.: 9.519 min  
Delta R.T.: 0.000 min  
Response: 5025487  
Conc: 7.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

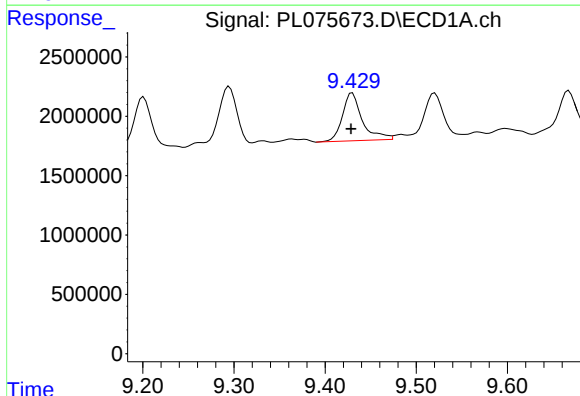
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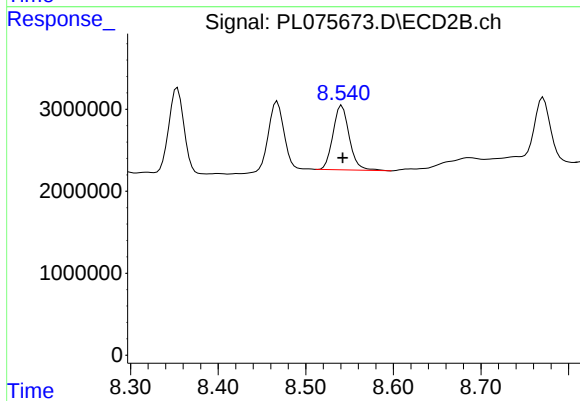
#17 4,4'-DDT

R.T.: 8.468 min  
Delta R.T.: -0.001 min  
Response: 10630185  
Conc: 7.56 ng/ml



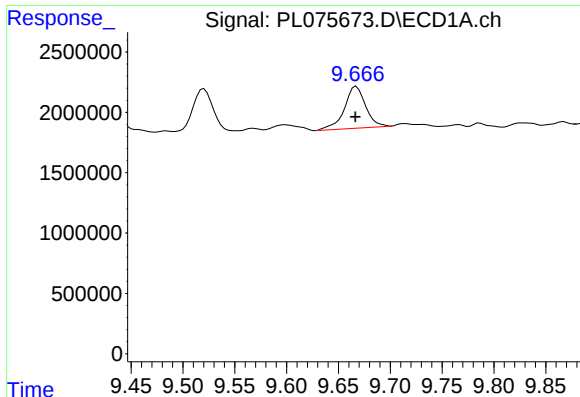
#18 Endrin aldehyde

R.T.: 9.430 min  
Delta R.T.: 0.001 min  
Response: 6086827  
Conc: 11.88 ng/ml



#18 Endrin aldehyde

R.T.: 8.541 min  
Delta R.T.: 0.000 min  
Response: 10192453  
Conc: 9.05 ng/ml



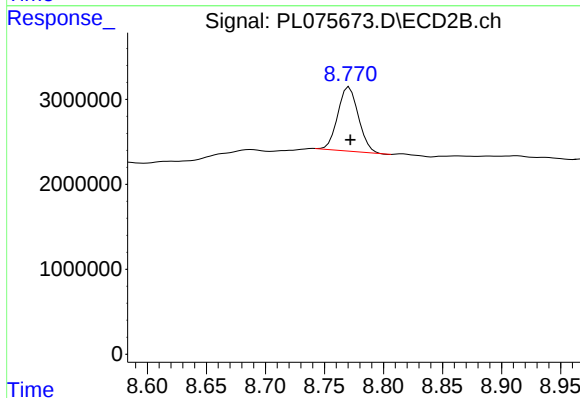
#19 Endosulfan Sulfate

R.T.: 9.667 min  
Delta R.T.: 0.000 min  
Response: 4936821  
Conc: 7.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

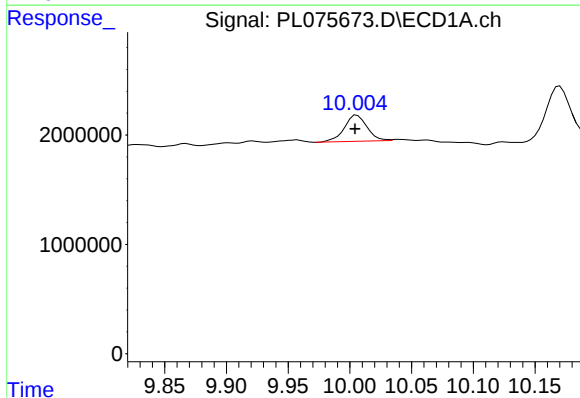
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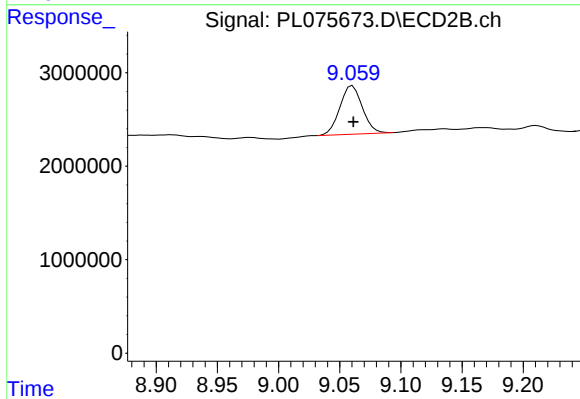
#19 Endosulfan Sulfate

R.T.: 8.771 min  
Delta R.T.: -0.001 min  
Response: 9214676  
Conc: 6.27 ng/ml



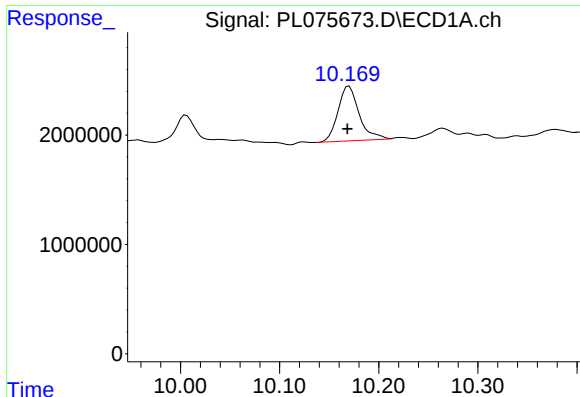
#20 Methoxychlor

R.T.: 10.006 min  
Delta R.T.: 0.002 min  
Response: 3070643  
Conc: 8.58 ng/ml



#20 Methoxychlor

R.T.: 9.061 min  
Delta R.T.: 0.000 min  
Response: 6648983  
Conc: 8.16 ng/ml



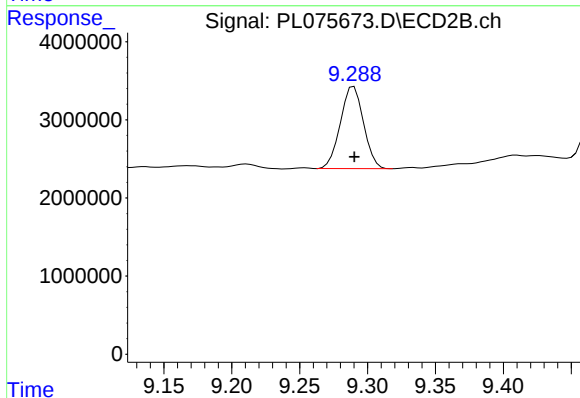
#21 Endrin ketone

R.T.: 10.170 min  
Delta R.T.: 0.002 min  
Response: 7413842  
Conc: 10.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB145434BS

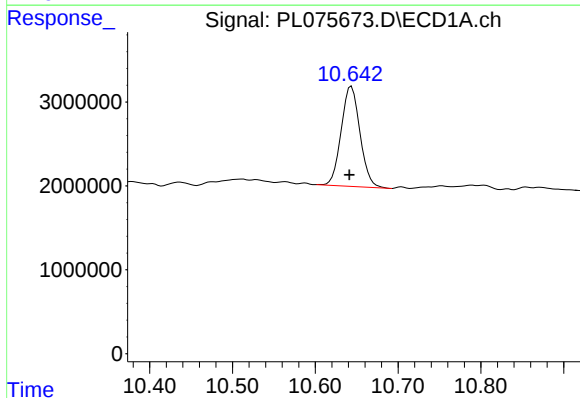
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/10/2022  
Supervised By :Ankita Jodhani 06/10/2022



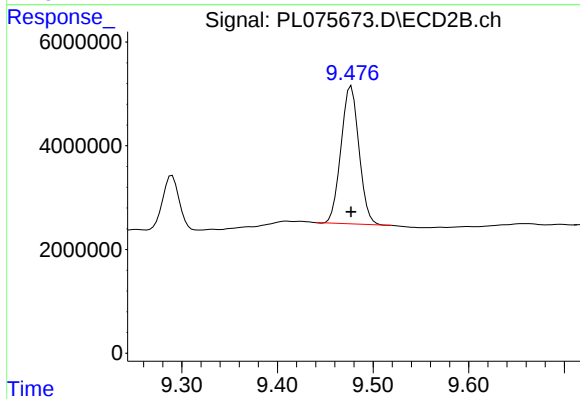
#21 Endrin ketone

R.T.: 9.290 min  
Delta R.T.: 0.000 min  
Response: 12492770  
Conc: 7.74 ng/ml



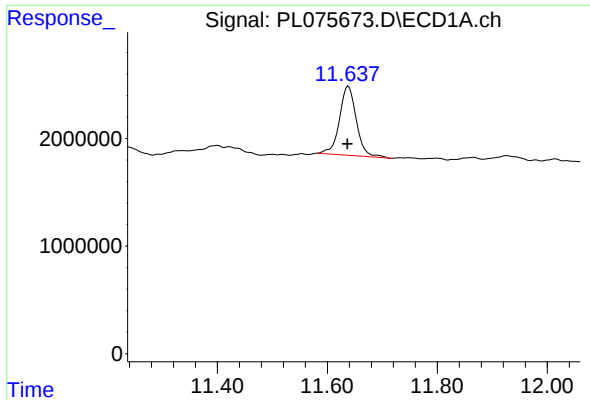
#22 Mirex

R.T.: 10.644 min  
Delta R.T.: 0.002 min  
Response: 18852942  
Conc: 33.50 ng/ml



#22 Mirex

R.T.: 9.477 min  
Delta R.T.: 0.000 min  
Response: 34729919  
Conc: 27.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.638 min  
Delta R.T.: 0.002 min  
Response: 13617389  
Conc: 22.24 ng/ml

Instrument :

ECD\_L

ClientSampleId :

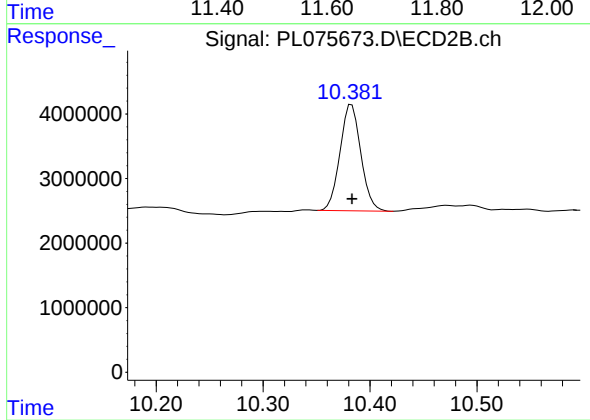
PB145434BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/10/2022

Supervised By :Ankita Jodhani 06/10/2022



#28 Decachlorobiphenyl

R.T.: 10.383 min  
Delta R.T.: 0.000 min  
Response: 22321830  
Conc: 15.84 ng/ml