

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061022\  
 Data File : PL075710.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jun 2022 02:50  
 Operator : AR\AJ  
 Sample : N3295-01MS 10X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-03-060922MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/13/2022  
 Supervised By :Ankita Jodhani 06/13/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 11 06:00:28 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  | 4.637  | 1464371 | 3820841  | 2.170  | 2.277   |
| 28) SA Decachlor...         | 11.637 | 10.380 | 1777710 | 3120561  | 2.904m | 2.215   |
| Target Compounds            |        |        |         |          |        |         |
| 2) A alpha-BHC              | 6.225  | 5.339  | 5435265 | 12615680 | 5.782  | 5.572   |
| 3) MA gamma-BHC...          | 6.623  | 5.760  | 5461199 | 13335103 | 6.222  | 6.149   |
| 4) MA Heptachlor            | 7.277  | 6.168  | 5291914 | 11790629 | 5.755m | 5.530   |
| 5) MB Aldrin                | 7.651  | 6.492  | 5032452 | 11954672 | 6.129m | 6.087   |
| 6) B beta-BHC               | 6.876  | 6.138  | 2625127 | 5919392  | 6.396  | 6.031m  |
| 7) B delta-BHC              | 7.146  | 6.399  | 5012866 | 12704468 | 6.515  | 5.934   |
| 8) B Heptachlo...           | 8.119  | 7.066  | 5148290 | 10989923 | 6.660m | 6.006   |
| 9) A Endosulfan I           | 8.527  | 7.469  | 4796628 | 9265442  | 6.855m | 5.540   |
| 10) B gamma-Chl...          | 8.389  | 7.341  | 6997681 | 11365391 | 9.011m | 6.199m# |
| 11) B alpha-Chl...          | 8.470  | 7.410  | 5468178 | 10888580 | 7.170m | 5.963m  |
| 12) B 4,4'-DDE              | 8.657  | 7.624  | 3498675 | 9673679  | 5.286  | 6.051   |
| 13) MA Dieldrin             | 8.819  | 7.754  | 4751758 | 13273019 | 6.577  | 7.842   |
| 14) MA Endrin               | 9.060  | 8.043  | 3760811 | 9676938  | 6.343  | 7.078   |
| 15) B Endosulfa...          | 9.293  | 8.353  | 4293666 | 10063871 | 6.900  | 7.023   |
| 16) A 4,4'-DDD              | 9.200  | 8.207  | 4004516 | 8324835  | 7.319  | 6.331   |
| 17) MA 4,4'-DDT             | 9.519  | 8.467  | 4045618 | 6992987  | 6.316  | 4.974   |
| 18) B Endrin al...          | 9.428  | 8.541  | 3160717 | 6250197  | 6.171  | 5.549   |
| 19) B Endosulfa...          | 9.667  | 8.771  | 4498505 | 7475941  | 7.182  | 5.090 # |
| 20) A Methoxychlor          | 10.005 | 9.060  | 2144342 | 3947691  | 5.990  | 4.846   |
| 21) B Endrin ke...          | 10.167 | 9.289  | 4436987 | 8407485  | 6.309m | 5.208   |
| 22) Mirex                   | 10.643 | 9.474  | 3881477 | 6886343  | 6.897  | 5.363m  |
| -----                       |        |        |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061022\  
 Data File : PL075710.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jun 2022 02:50  
 Operator : AR\AJ  
 Sample : N3295-01MS 10X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

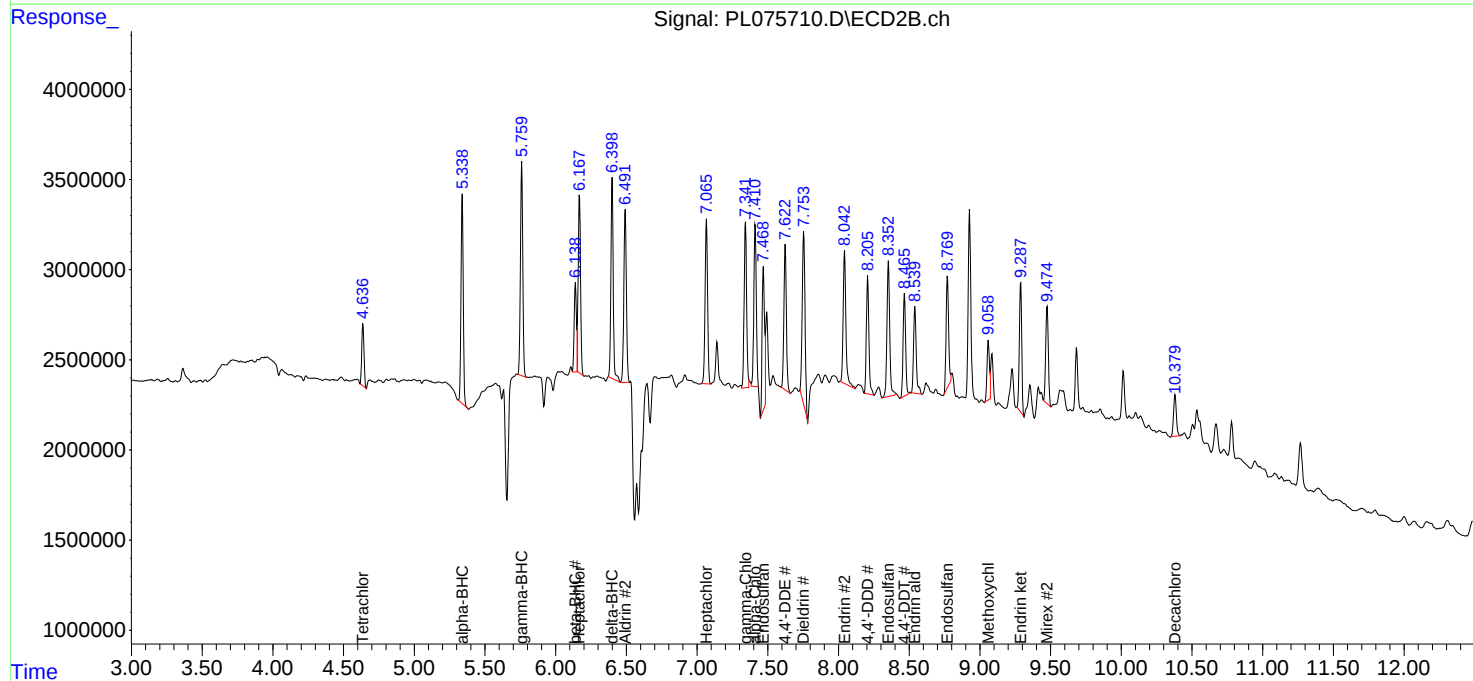
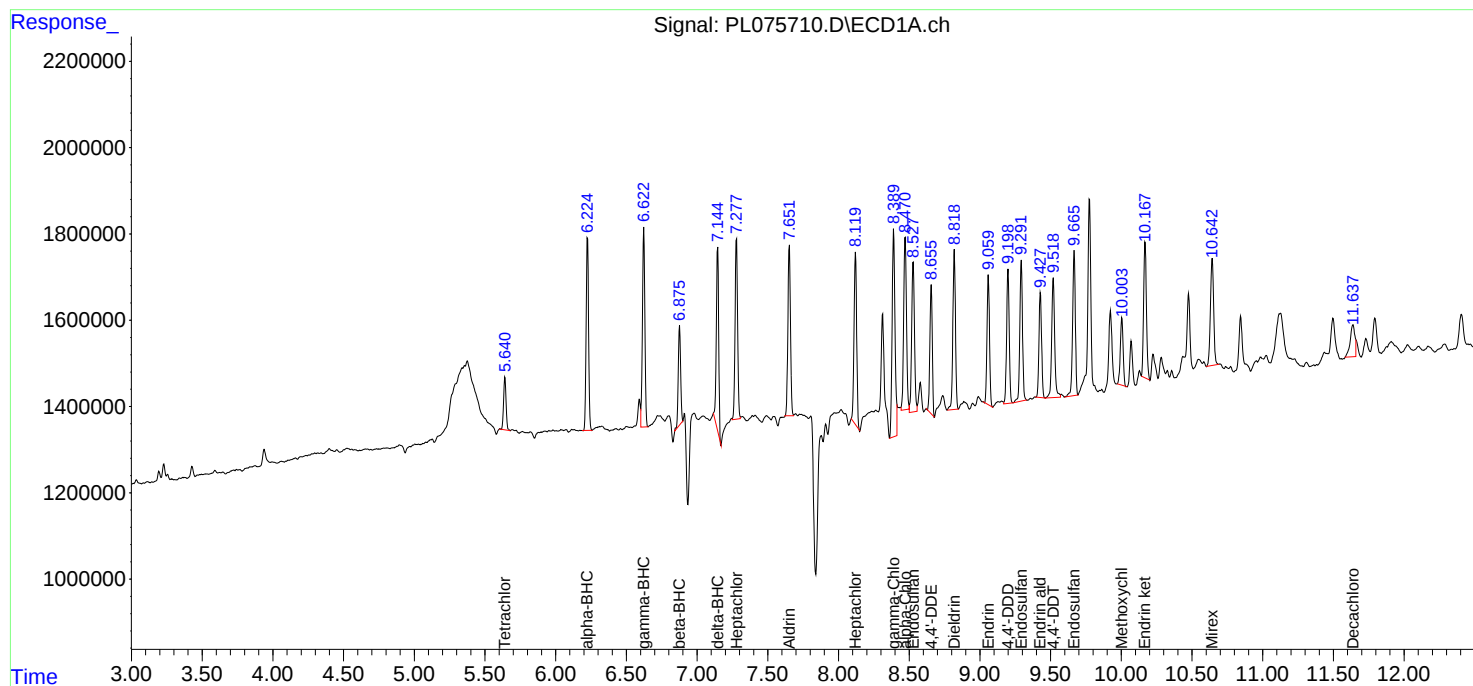
Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-03-060922MS

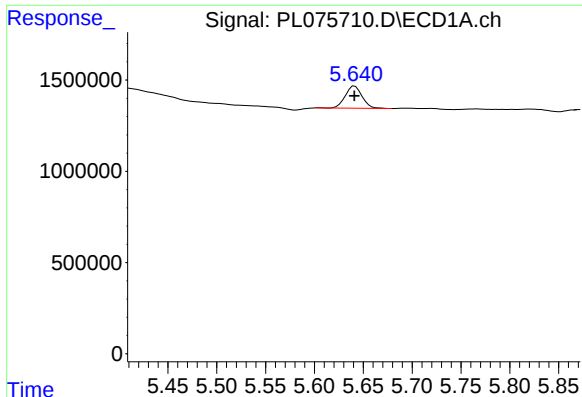
### Manual Integrations APPROVED

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Integration File signal 1: autoint1.e  
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Volume Inj. : 1 µl  
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





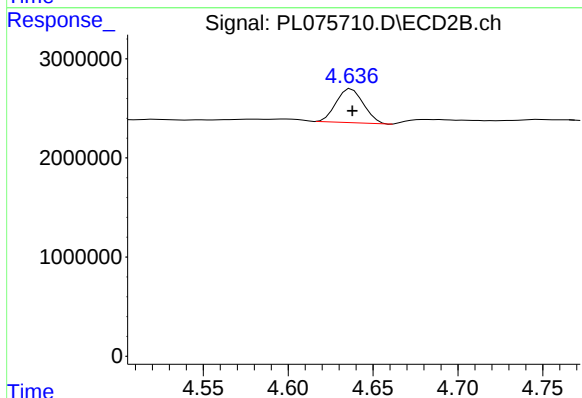
#1 Tetrachloro-m-xylene

R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 1464371  
Conc: 2.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-060922MS

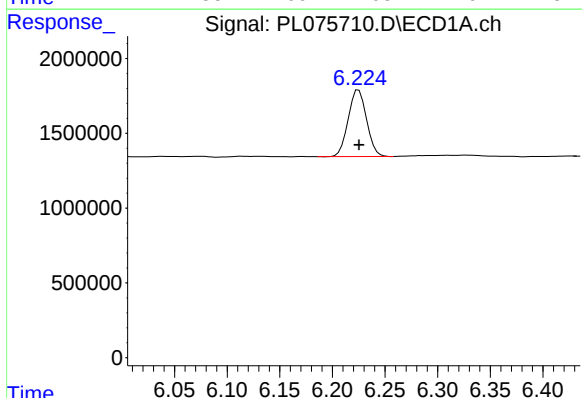
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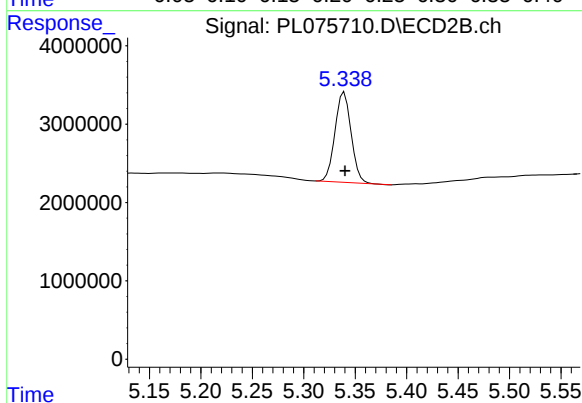
#1 Tetrachloro-m-xylene

R.T.: 4.637 min  
Delta R.T.: 0.000 min  
Response: 3820841  
Conc: 2.28 ng/ml



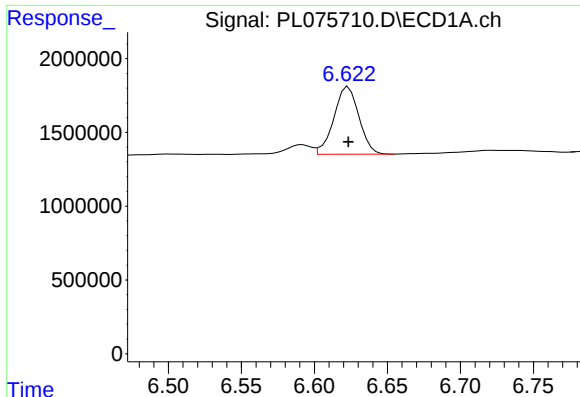
#2 alpha-BHC

R.T.: 6.225 min  
Delta R.T.: 0.000 min  
Response: 5435265  
Conc: 5.78 ng/ml



#2 alpha-BHC

R.T.: 5.339 min  
Delta R.T.: 0.000 min  
Response: 12615680  
Conc: 5.57 ng/ml



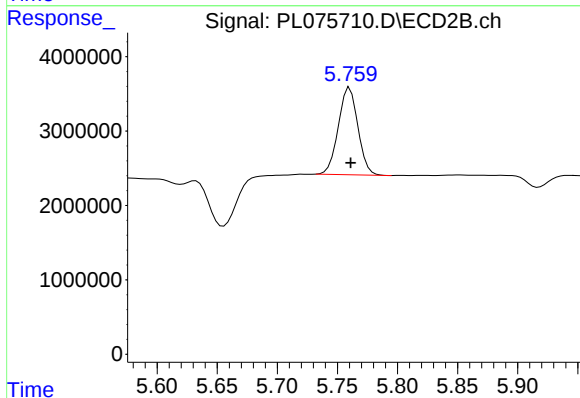
#3 gamma-BHC (Lindane)

R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 5461199  
Conc: 6.22 ng/ml

Instrument :  
ECD\_L  
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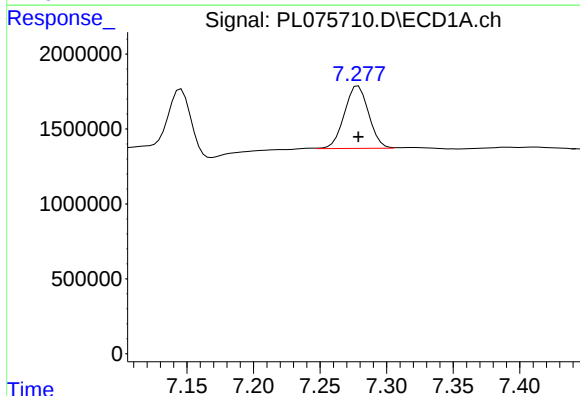
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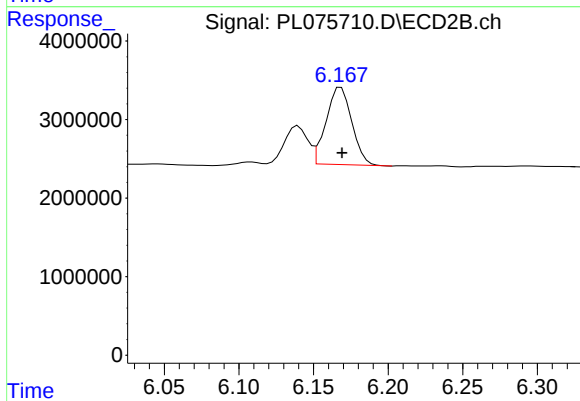
#3 gamma-BHC (Lindane)

R.T.: 5.760 min  
Delta R.T.: 0.000 min  
Response: 13335103  
Conc: 6.15 ng/ml



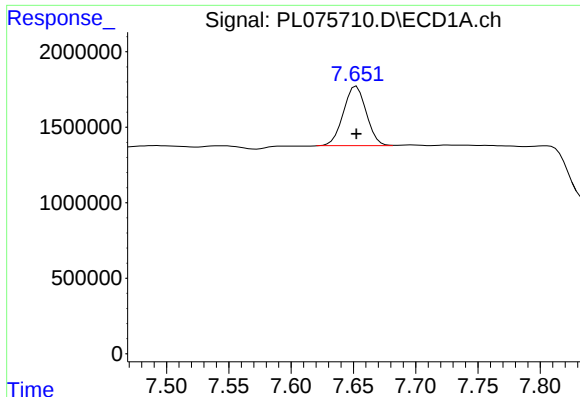
#4 Heptachlor

R.T.: 7.277 min  
Delta R.T.: -0.002 min  
Response: 5291914  
Conc: 5.75 ng/ml m



#4 Heptachlor

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 11790629  
Conc: 5.53 ng/ml



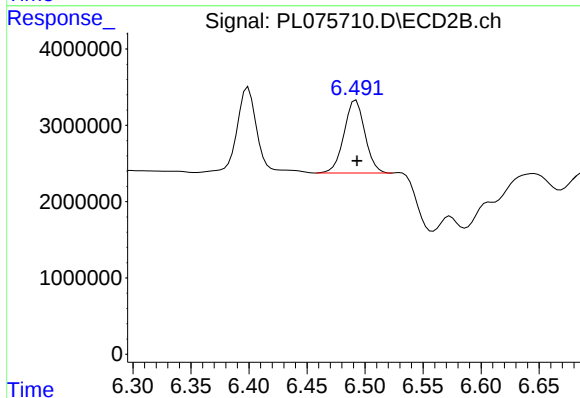
#5 Aldrin

R.T.: 7.651 min  
Delta R.T.: -0.001 min  
Response: 5032452  
Conc: 6.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-060922MS

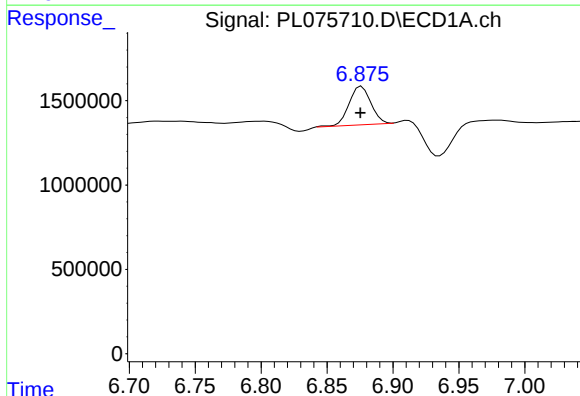
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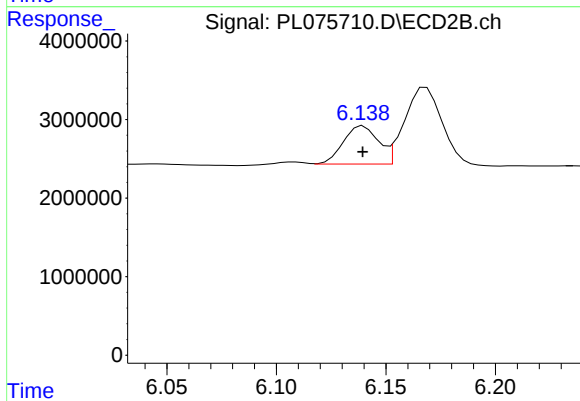
#5 Aldrin

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 11954672  
Conc: 6.09 ng/ml



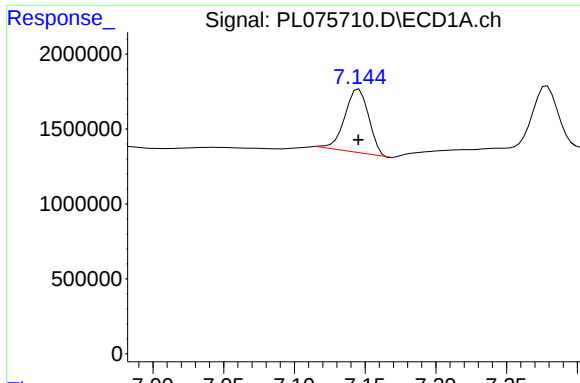
#6 beta-BHC

R.T.: 6.876 min  
Delta R.T.: 0.001 min  
Response: 2625127  
Conc: 6.40 ng/ml



#6 beta-BHC

R.T.: 6.138 min  
Delta R.T.: -0.001 min  
Response: 5919392  
Conc: 6.03 ng/ml m



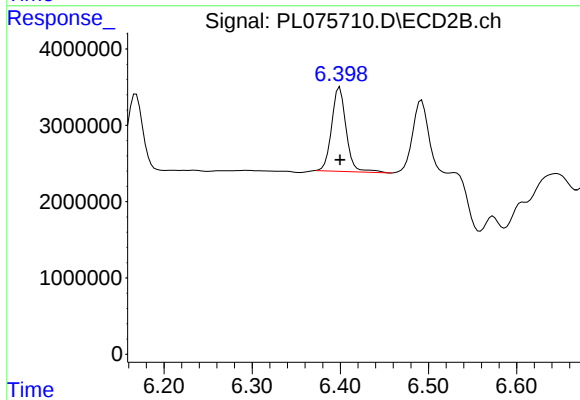
#7 delta-BHC

R.T.: 7.146 min  
Delta R.T.: 0.000 min  
Response: 5012866  
Conc: 6.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-060922MS

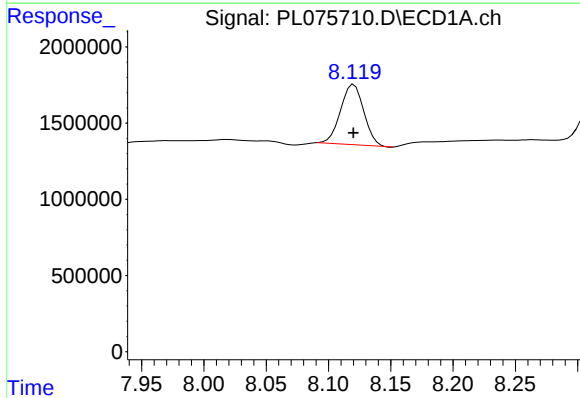
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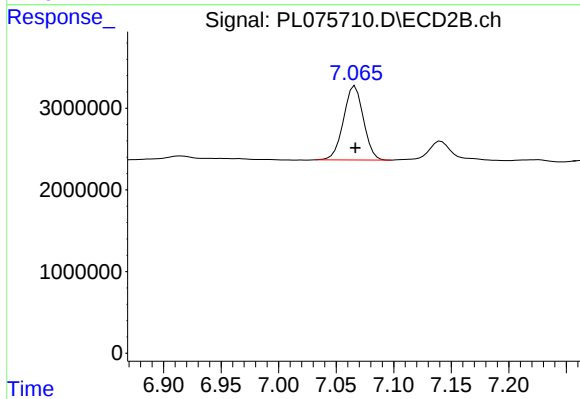
#7 delta-BHC

R.T.: 6.399 min  
Delta R.T.: 0.000 min  
Response: 12704468  
Conc: 5.93 ng/ml



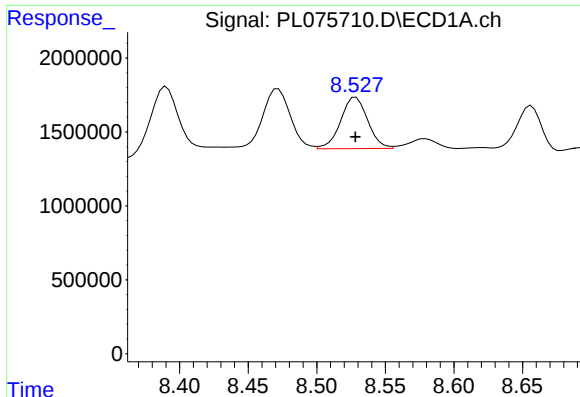
#8 Heptachlor epoxide

R.T.: 8.119 min  
Delta R.T.: 0.000 min  
Response: 5148290  
Conc: 6.66 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 10989923  
Conc: 6.01 ng/ml



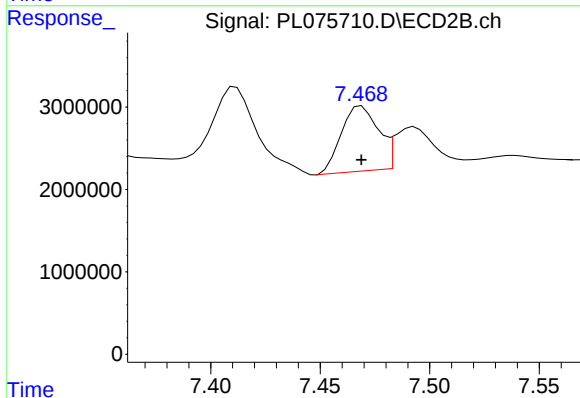
#9 Endosulfan I

R.T.: 8.527 min  
Delta R.T.: 0.000 min  
Response: 4796628  
Conc: 6.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-060922MS

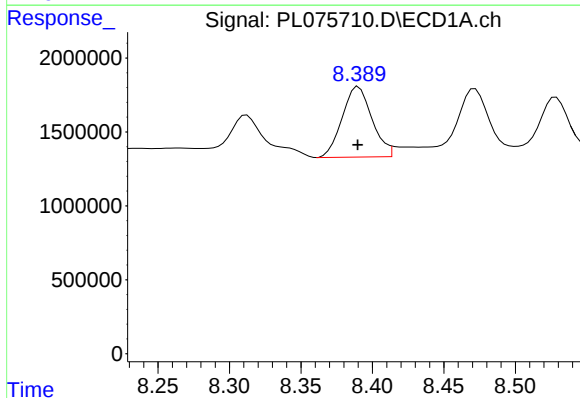
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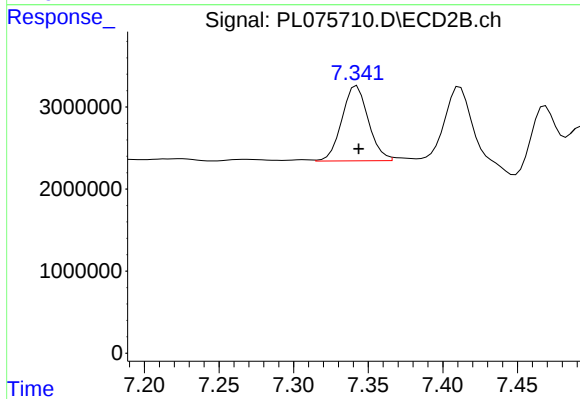
#9 Endosulfan I

R.T.: 7.469 min  
Delta R.T.: 0.000 min  
Response: 9265442  
Conc: 5.54 ng/ml



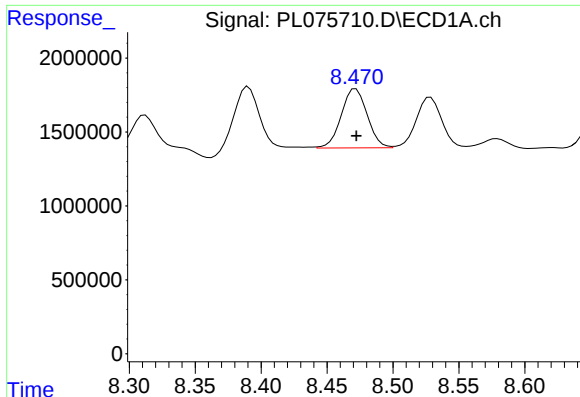
#10 gamma-Chlordane

R.T.: 8.389 min  
Delta R.T.: 0.000 min  
Response: 6997681  
Conc: 9.01 ng/ml m



#10 gamma-Chlordane

R.T.: 7.341 min  
Delta R.T.: -0.003 min  
Response: 11365391  
Conc: 6.20 ng/ml m



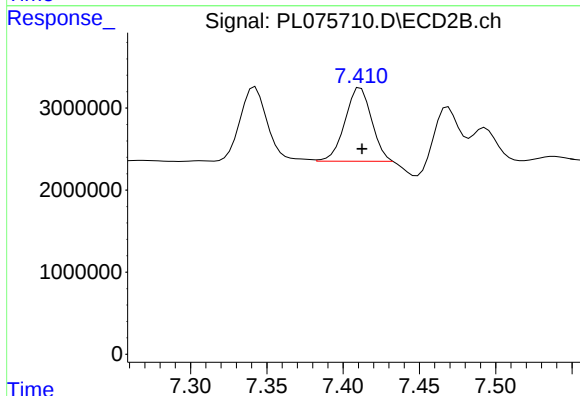
#11 alpha-Chlordane

R.T.: 8.470 min  
Delta R.T.: -0.002 min  
Response: 5468178  
Conc: 7.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-060922MS

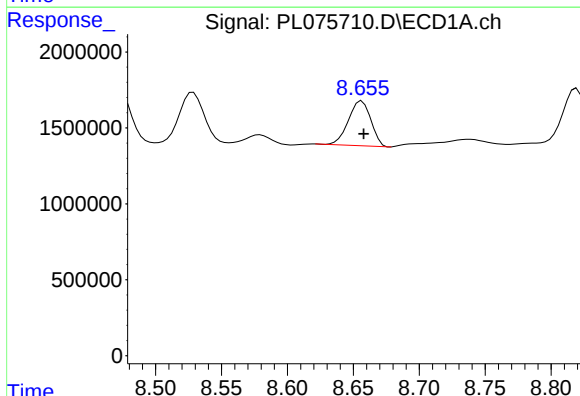
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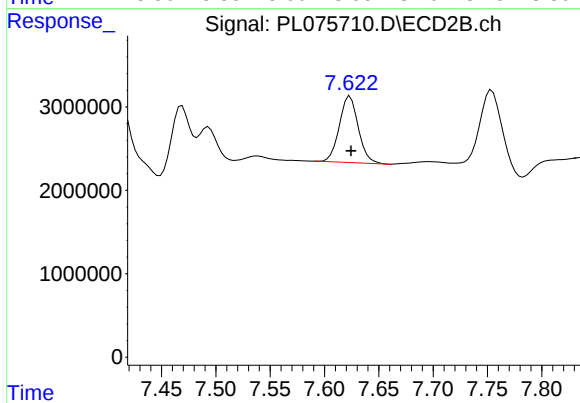
#11 alpha-Chlordane

R.T.: 7.410 min  
Delta R.T.: -0.002 min  
Response: 10888580  
Conc: 5.96 ng/ml m



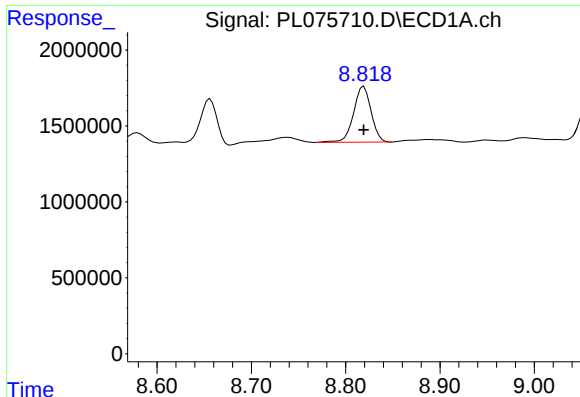
#12 4,4'-DDE

R.T.: 8.657 min  
Delta R.T.: -0.001 min  
Response: 3498675  
Conc: 5.29 ng/ml



#12 4,4'-DDE

R.T.: 7.624 min  
Delta R.T.: 0.000 min  
Response: 9673679  
Conc: 6.05 ng/ml



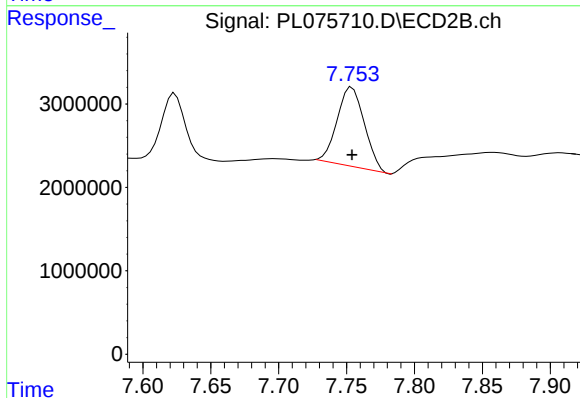
#13 Dieldrin

R.T.: 8.819 min  
Delta R.T.: 0.000 min  
Response: 4751758  
Conc: 6.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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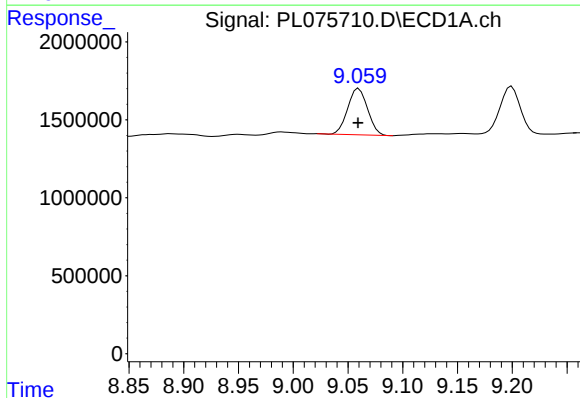
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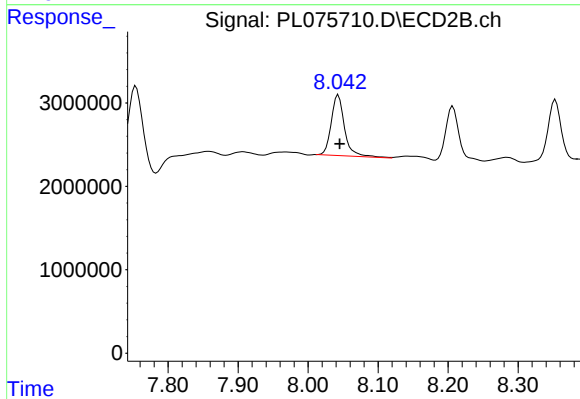
#13 Dieldrin

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 13273019  
Conc: 7.84 ng/ml



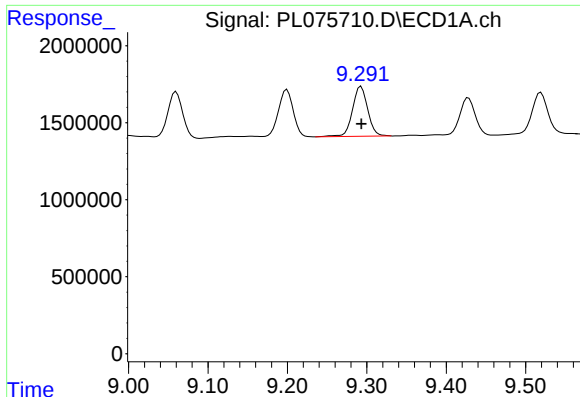
#14 Endrin

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 3760811  
Conc: 6.34 ng/ml



#14 Endrin

R.T.: 8.043 min  
Delta R.T.: -0.002 min  
Response: 9676938  
Conc: 7.08 ng/ml



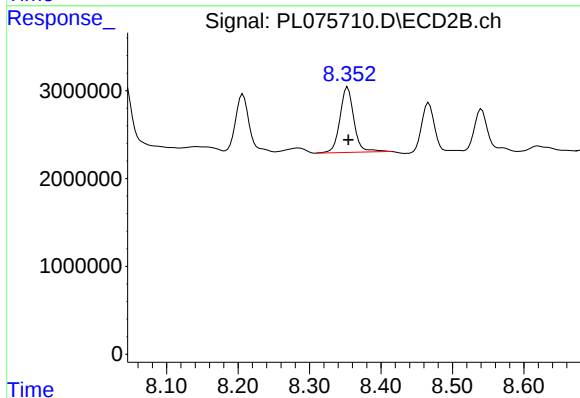
#15 Endosulfan II

R.T.: 9.293 min  
Delta R.T.: 0.000 min  
Response: 4293666  
Conc: 6.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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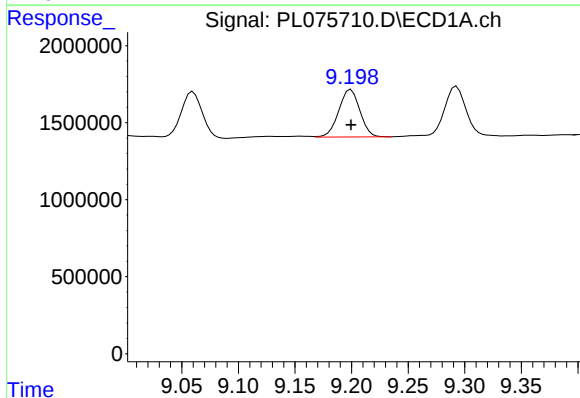
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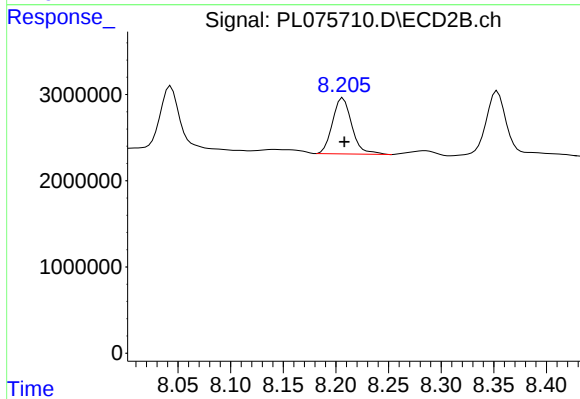
#15 Endosulfan II

R.T.: 8.353 min  
Delta R.T.: -0.001 min  
Response: 10063871  
Conc: 7.02 ng/ml



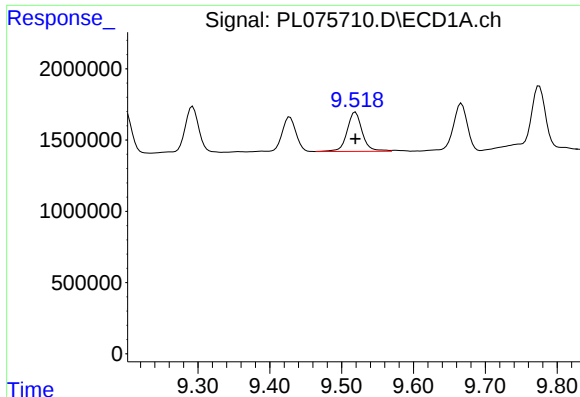
#16 4,4'-DDD

R.T.: 9.200 min  
Delta R.T.: 0.000 min  
Response: 4004516  
Conc: 7.32 ng/ml



#16 4,4'-DDD

R.T.: 8.207 min  
Delta R.T.: -0.001 min  
Response: 8324835  
Conc: 6.33 ng/ml



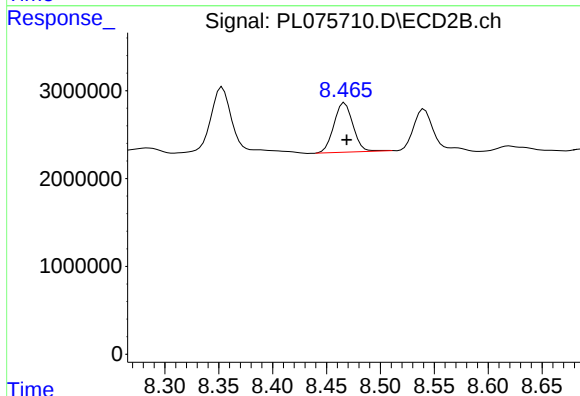
#17 4,4'-DDT

R.T.: 9.519 min  
Delta R.T.: 0.000 min  
Response: 4045618  
Conc: 6.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-060922MS

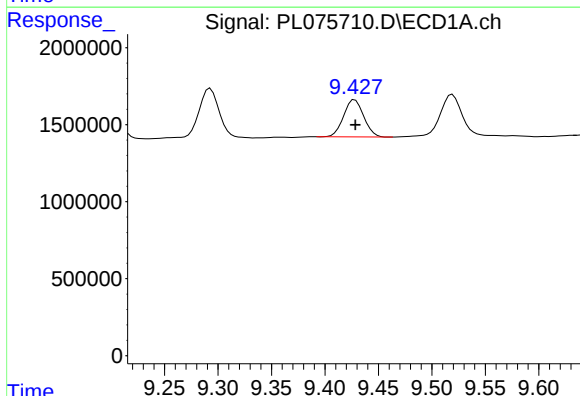
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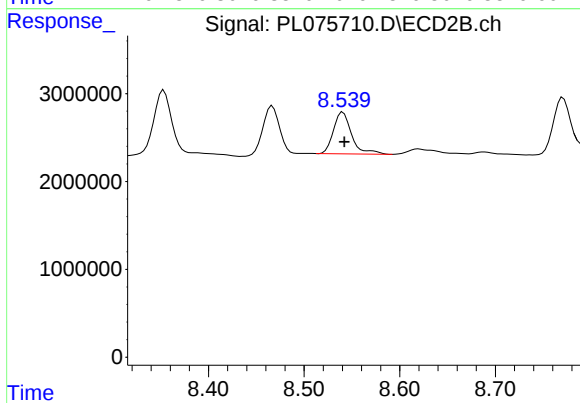
#17 4,4'-DDT

R.T.: 8.467 min  
Delta R.T.: -0.002 min  
Response: 6992987  
Conc: 4.97 ng/ml



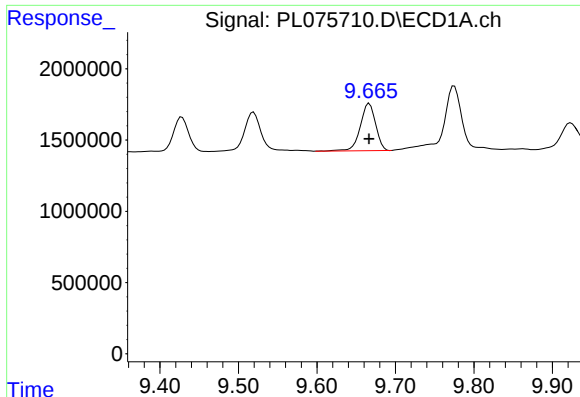
#18 Endrin aldehyde

R.T.: 9.428 min  
Delta R.T.: 0.000 min  
Response: 3160717  
Conc: 6.17 ng/ml



#18 Endrin aldehyde

R.T.: 8.541 min  
Delta R.T.: -0.001 min  
Response: 6250197  
Conc: 5.55 ng/ml



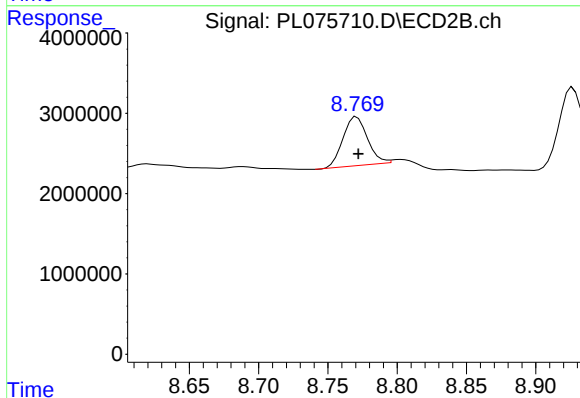
#19 Endosulfan Sulfate

R.T.: 9.667 min  
Delta R.T.: 0.000 min  
Response: 4498505  
Conc: 7.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-060922MS

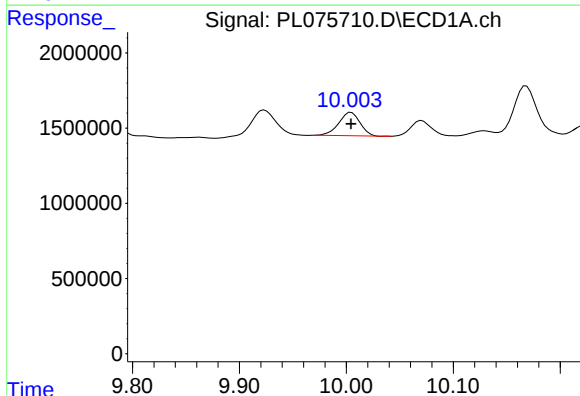
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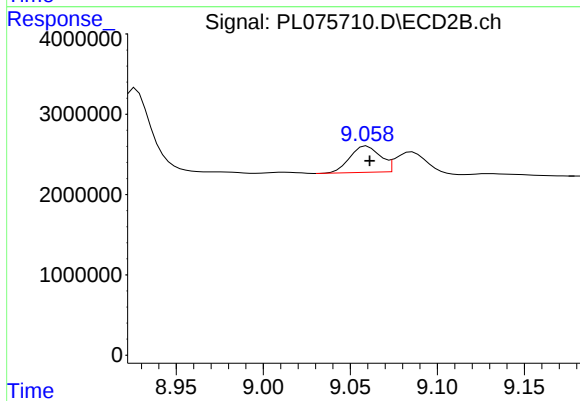
#19 Endosulfan Sulfate

R.T.: 8.771 min  
Delta R.T.: -0.001 min  
Response: 7475941  
Conc: 5.09 ng/ml



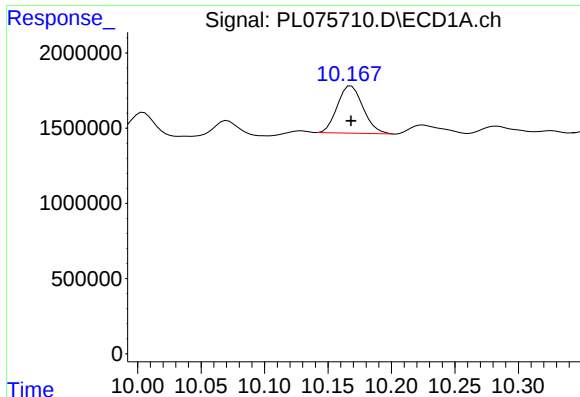
#20 Methoxychlor

R.T.: 10.005 min  
Delta R.T.: 0.000 min  
Response: 2144342  
Conc: 5.99 ng/ml



#20 Methoxychlor

R.T.: 9.060 min  
Delta R.T.: -0.001 min  
Response: 3947691  
Conc: 4.85 ng/ml



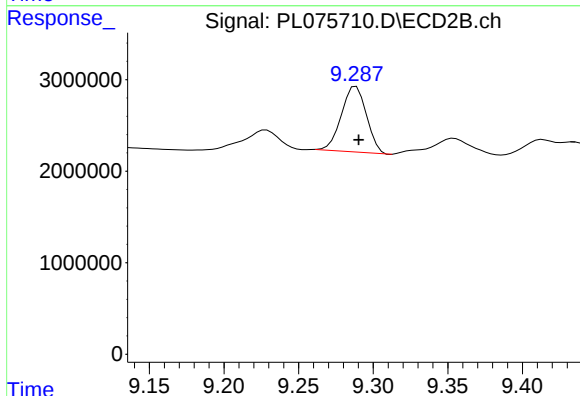
#21 Endrin ketone

R.T.: 10.167 min  
Delta R.T.: -0.001 min  
Response: 4436987  
Conc: 6.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-060922MS

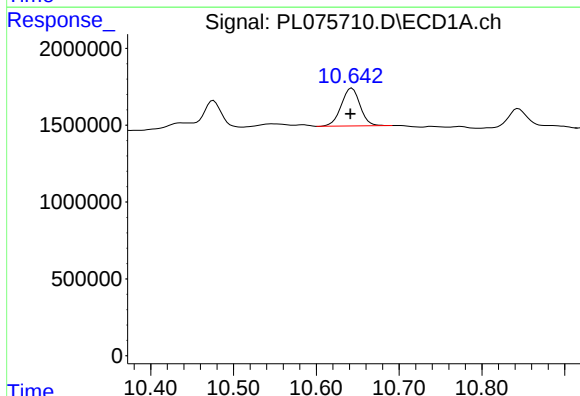
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/13/2022  
Supervised By :Ankita Jodhani 06/13/2022



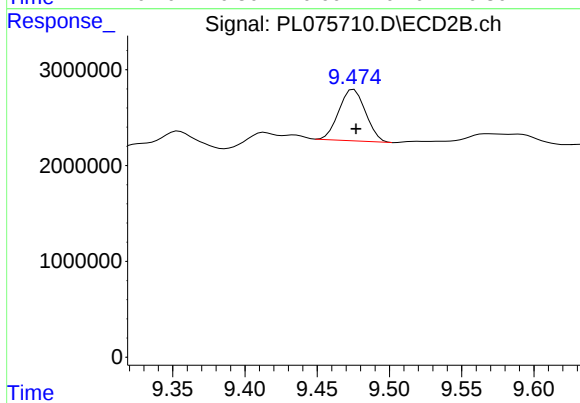
#21 Endrin ketone

R.T.: 9.289 min  
Delta R.T.: -0.002 min  
Response: 8407485  
Conc: 5.21 ng/ml



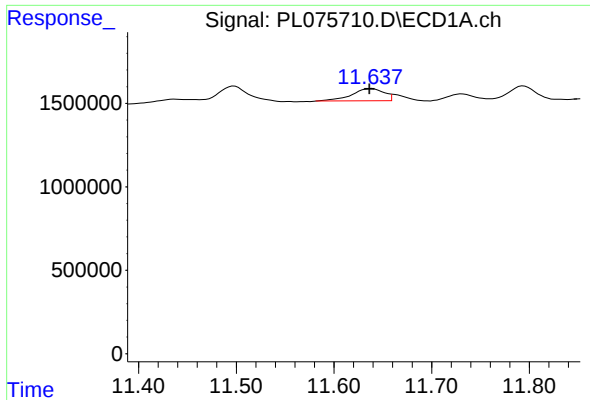
#22 Mirex

R.T.: 10.643 min  
Delta R.T.: 0.002 min  
Response: 3881477  
Conc: 6.90 ng/ml



#22 Mirex

R.T.: 9.474 min  
Delta R.T.: -0.003 min  
Response: 6886343  
Conc: 5.36 ng/ml m



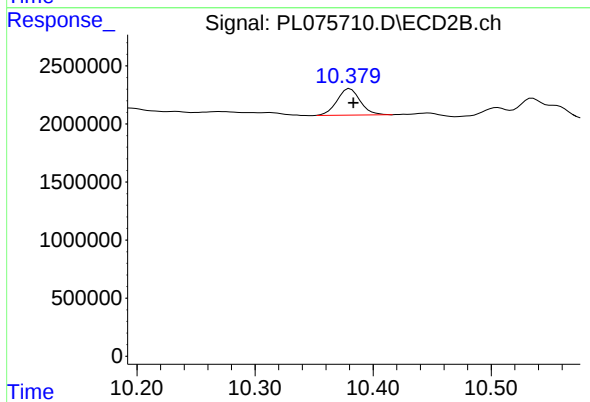
#28 Decachlorobiphenyl

R.T.: 11.637 min  
Delta R.T.: 0.001 min  
Response: 1777710  
Conc: 2.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-060922MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/13/2022  
Supervised By :Ankita Jodhani 06/13/2022



#28 Decachlorobiphenyl

R.T.: 10.380 min  
Delta R.T.: -0.003 min  
Response: 3120561  
Conc: 2.21 ng/ml