

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120921\  
 Data File : PL071360.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Dec 2021 21:40  
 Operator : AR\AJ  
 Sample : M4967-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-7SMSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 12/10/2021  
 Supervised By : Ankita Jodhani 12/10/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 10 00:43:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL113021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 30 16:26:31 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... | 4.562  | 5.499  | 9983507  | 27654256 | 21.255 | 22.037  |
| 28)                         | SA Decachlor... | 10.323 | 11.387 | 11121263 | 18896189 | 15.359 | 13.594  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 5.268  | 6.079  | 32844038 | 86323678 | 50.241 | 46.627  |
| 3)                          | MA gamma-BHC... | 5.691  | 6.475  | 32730487 | 81812652 | 51.253 | 46.479  |
| 4)                          | MA Heptachlor   | 6.097  | 7.122  | 34836042 | 84526794 | 50.249 | 46.085  |
| 5)                          | MB Aldrin       | 6.421  | 7.491  | 33940217 | 82473256 | 54.698 | 48.899  |
| 6)                          | B beta-BHC      | 6.074  | 6.732  | 13670717 | 37316631 | 45.157 | 42.401  |
| 7)                          | B delta-BHC     | 6.333  | 6.997  | 14595058 | 36517501 | 22.866 | 21.477m |
| 8)                          | B Heptachlo...  | 6.999  | 7.958  | 32296316 | 74460644 | 51.817 | 46.870  |
| 9)                          | A Endosulfan I  | 7.401  | 8.362  | 30193687 | 66212427 | 50.771 | 43.818  |
| 10)                         | B gamma-Chl...  | 7.275  | 8.227  | 33319658 | 73465951 | 52.476 | 45.948  |
| 11)                         | B alpha-Chl...  | 7.345  | 8.308  | 33032405 | 72075853 | 51.612 | 45.353  |
| 12)                         | B 4,4'-DDE      | 7.560  | 8.497  | 30092277 | 69351467 | 53.181 | 45.047  |
| 13)                         | MA Dieldrin     | 7.686  | 8.651  | 32154164 | 71741439 | 53.172 | 46.179  |
| 14)                         | MA Endrin       | 7.977  | 8.890  | 29278066 | 58931145 | 51.769 | 43.918  |
| 15)                         | B Endosulfa...  | 8.289  | 9.125  | 30226078 | 61598460 | 51.767 | 45.719  |
| 16)                         | A 4,4'-DDD      | 8.146  | 9.037  | 24603891 | 51257265 | 49.102 | 44.182  |
| 17)                         | MA 4,4'-DDT     | 8.406  | 9.353  | 26485017 | 53105151 | 48.418 | 38.179  |
| 18)                         | B Endrin al...  | 8.477  | 9.260  | 24484597 | 48831091 | 53.456 | 47.265  |
| 19)                         | B Endosulfa...  | 8.709  | 9.498  | 26430540 | 49689946 | 43.482 | 38.021  |
| 20)                         | A Methoxychlor  | 9.002  | 9.840  | 16396072 | 26976253 | 45.381 | 37.205  |
| 21)                         | B Endrin ke...  | 9.226  | 9.994  | 34839182 | 75100146 | 48.886 | 51.285  |
| 22)                         | Mirex           | 9.409  | 10.458 | 31237308 | 48647950 | 50.583 | 44.602  |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120921\  
 Data File : PL071360.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Dec 2021 21:40  
 Operator : AR\AJ  
 Sample : M4967-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

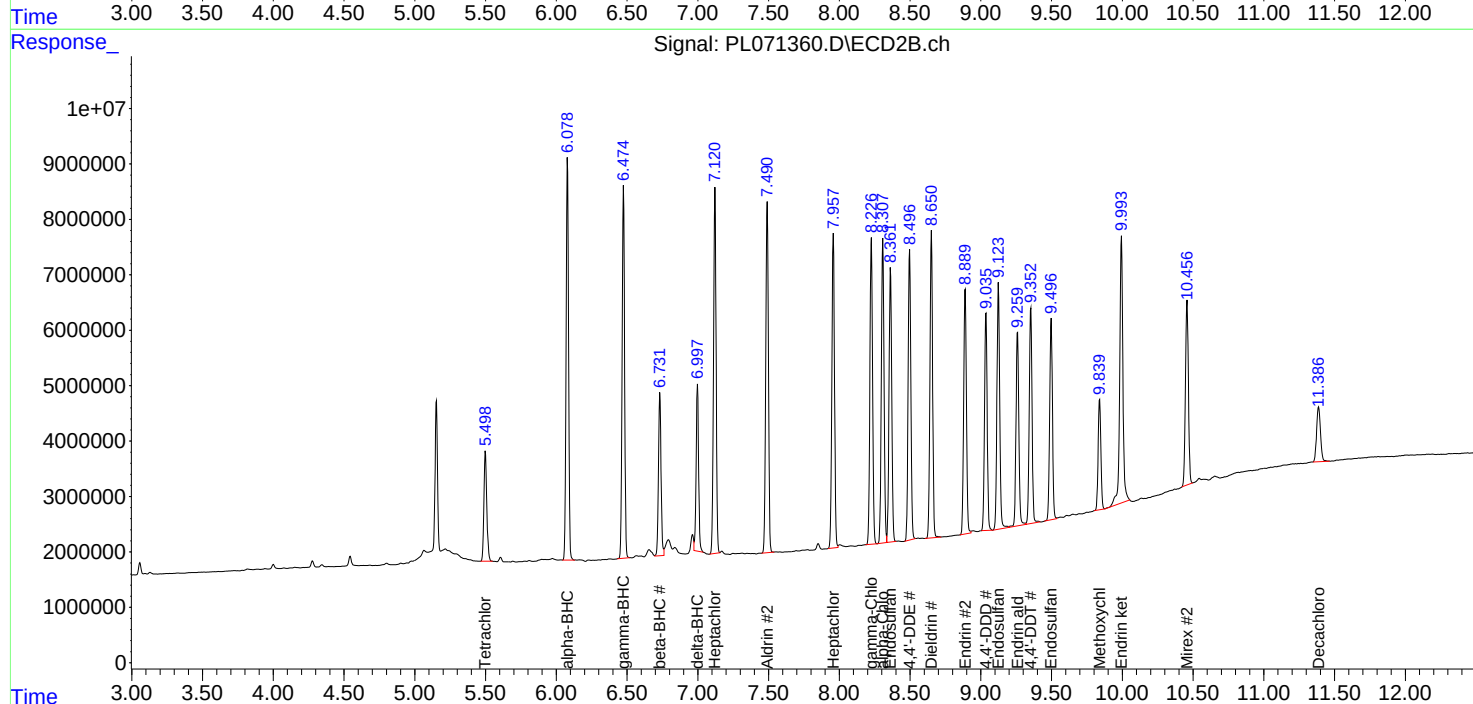
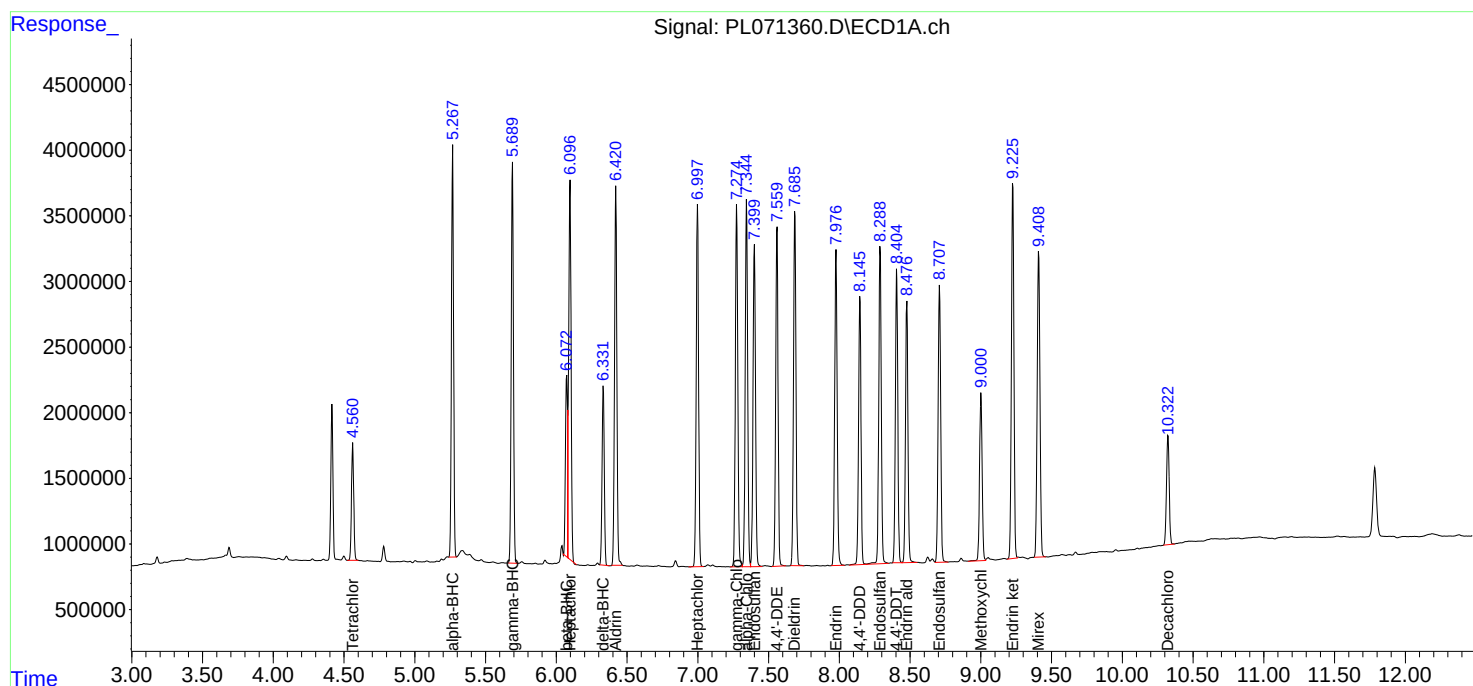
Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-7SMSD

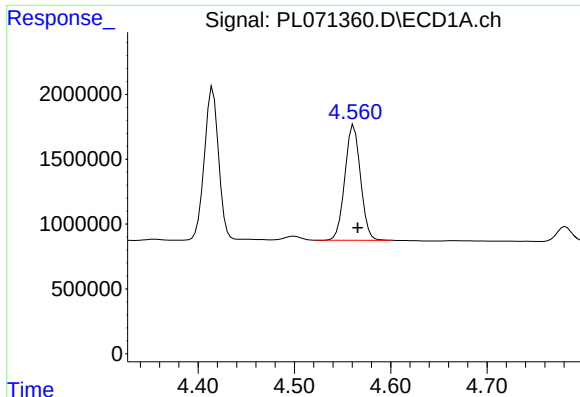
### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/10/2021  
 Supervised By :Ankita Jodhani 12/10/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 10 00:43:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL113021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 30 16:26:31 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





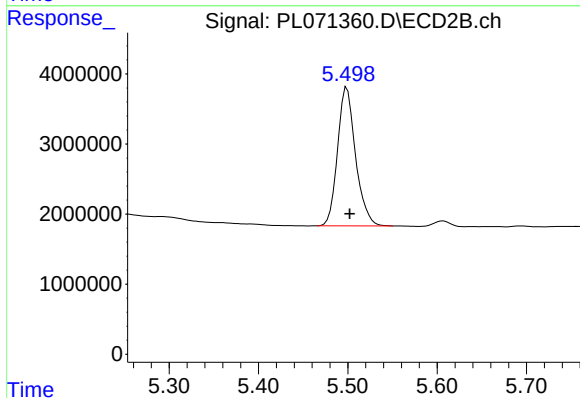
#1 Tetrachloro-m-xylene

R.T.: 4.562 min  
Delta R.T.: -0.004 min  
Response: 9983507  
Conc: 21.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

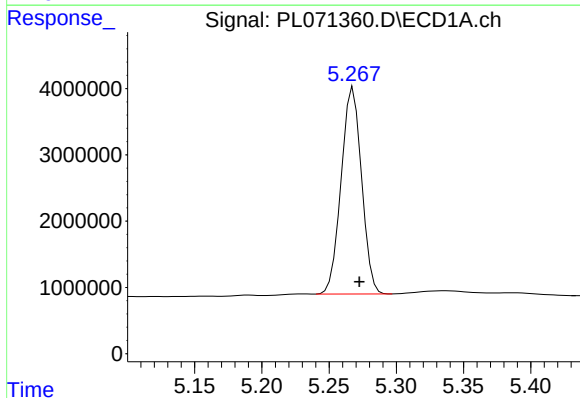
Manual Integrations  
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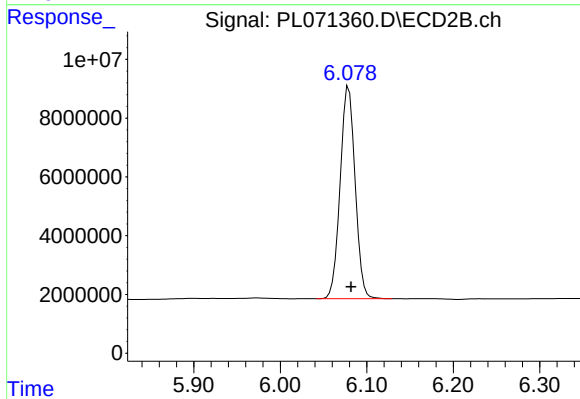
#1 Tetrachloro-m-xylene

R.T.: 5.499 min  
Delta R.T.: -0.003 min  
Response: 27654256  
Conc: 22.04 ng/ml



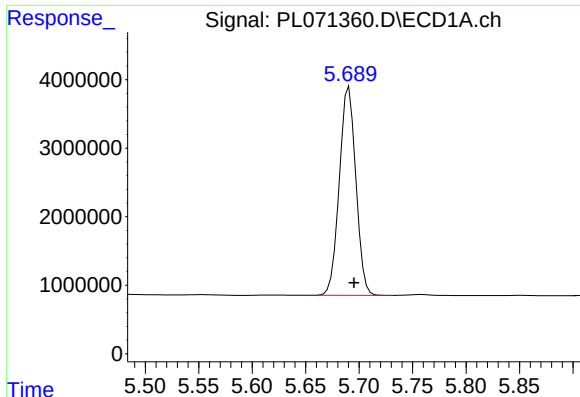
#2 alpha-BHC

R.T.: 5.268 min  
Delta R.T.: -0.005 min  
Response: 32844038  
Conc: 50.24 ng/ml



#2 alpha-BHC

R.T.: 6.079 min  
Delta R.T.: -0.003 min  
Response: 86323678  
Conc: 46.63 ng/ml



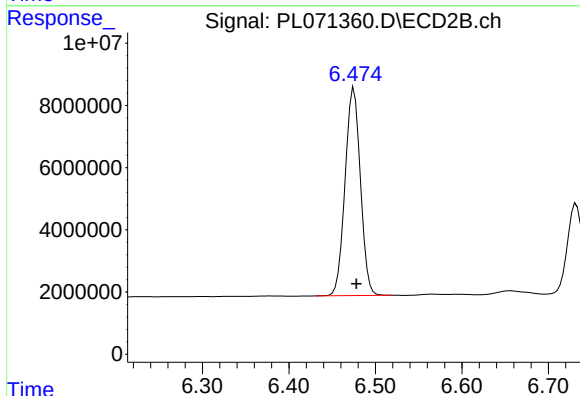
#3 gamma-BHC (Lindane)

R.T.: 5.691 min  
Delta R.T.: -0.005 min  
Response: 32730487  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

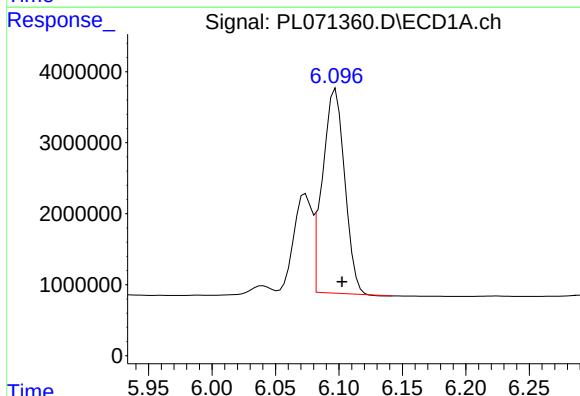
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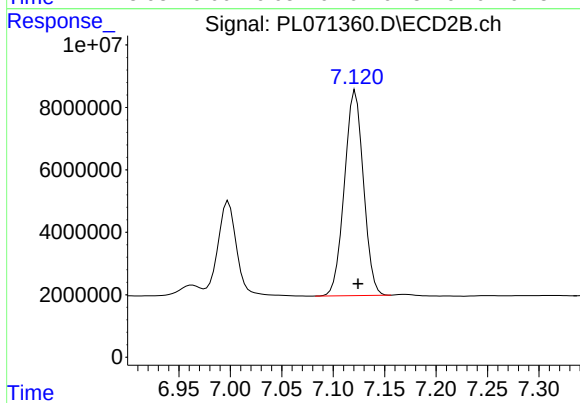
#3 gamma-BHC (Lindane)

R.T.: 6.475 min  
Delta R.T.: -0.003 min  
Response: 81812652  
Conc: 46.48 ng/ml



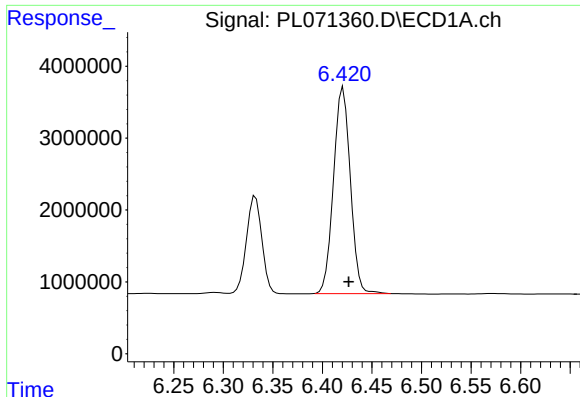
#4 Heptachlor

R.T.: 6.097 min  
Delta R.T.: -0.005 min  
Response: 34836042  
Conc: 50.25 ng/ml



#4 Heptachlor

R.T.: 7.122 min  
Delta R.T.: -0.003 min  
Response: 84526794  
Conc: 46.09 ng/ml



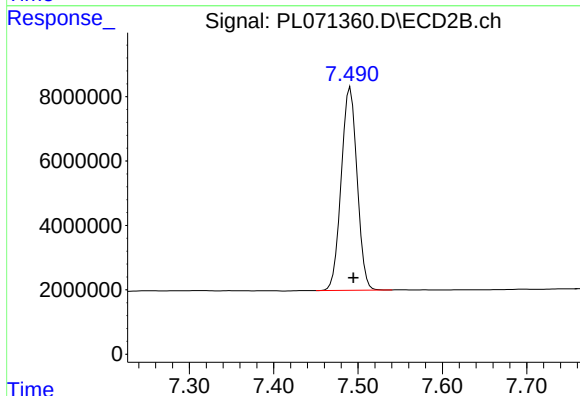
#5 Aldrin

R.T.: 6.421 min  
Delta R.T.: -0.006 min  
Response: 33940217  
Conc: 54.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

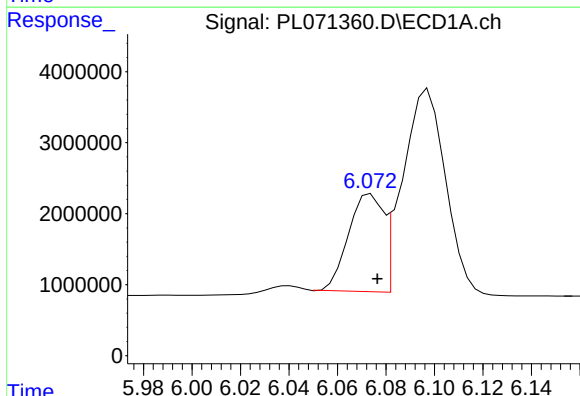
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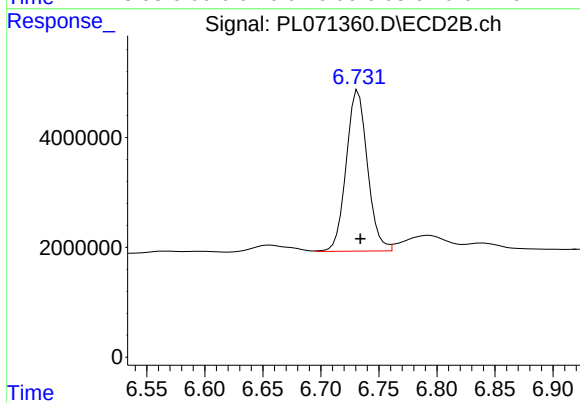
#5 Aldrin

R.T.: 7.491 min  
Delta R.T.: -0.003 min  
Response: 82473256  
Conc: 48.90 ng/ml



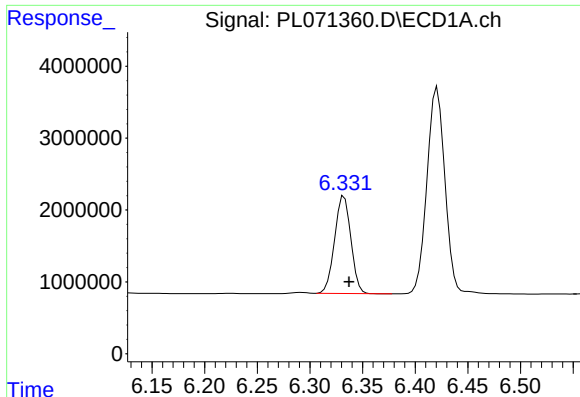
#6 beta-BHC

R.T.: 6.074 min  
Delta R.T.: -0.003 min  
Response: 13670717  
Conc: 45.16 ng/ml



#6 beta-BHC

R.T.: 6.732 min  
Delta R.T.: -0.002 min  
Response: 37316631  
Conc: 42.40 ng/ml



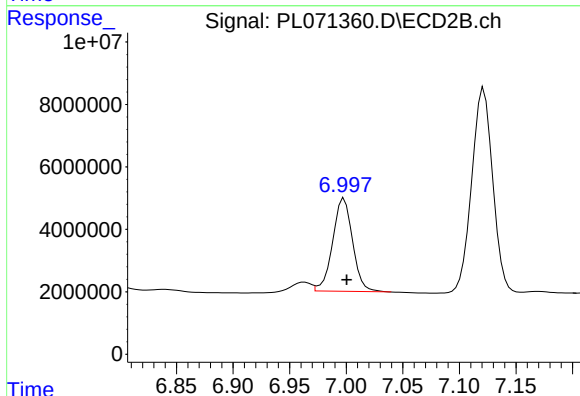
#7 delta-BHC

R.T.: 6.333 min  
Delta R.T.: -0.005 min  
Response: 14595058  
Conc: 22.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

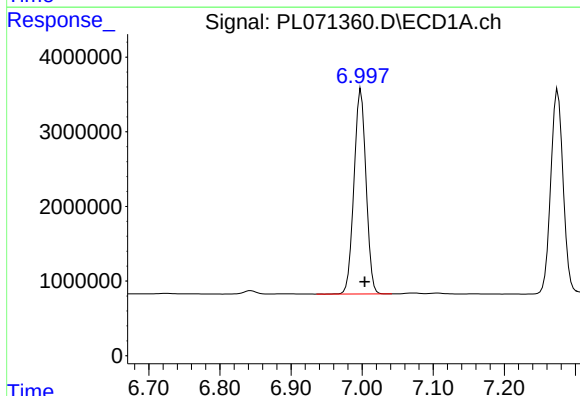
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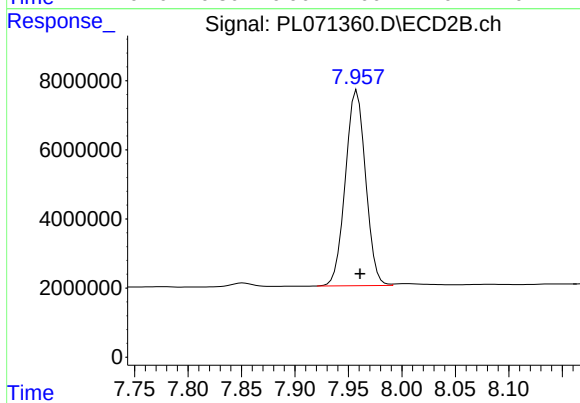
#7 delta-BHC

R.T.: 6.997 min  
Delta R.T.: -0.004 min  
Response: 36517501  
Conc: 21.48 ng/ml m



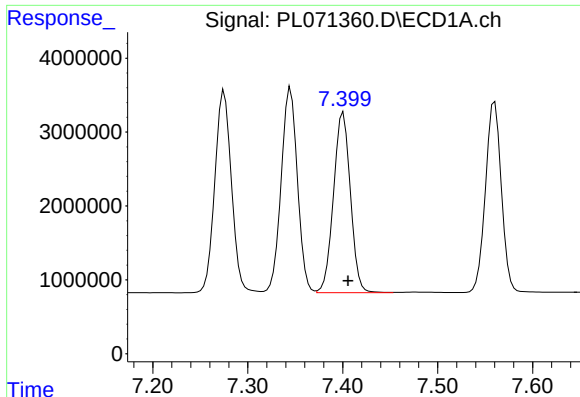
#8 Heptachlor epoxide

R.T.: 6.999 min  
Delta R.T.: -0.005 min  
Response: 32296316  
Conc: 51.82 ng/ml



#8 Heptachlor epoxide

R.T.: 7.958 min  
Delta R.T.: -0.003 min  
Response: 74460644  
Conc: 46.87 ng/ml



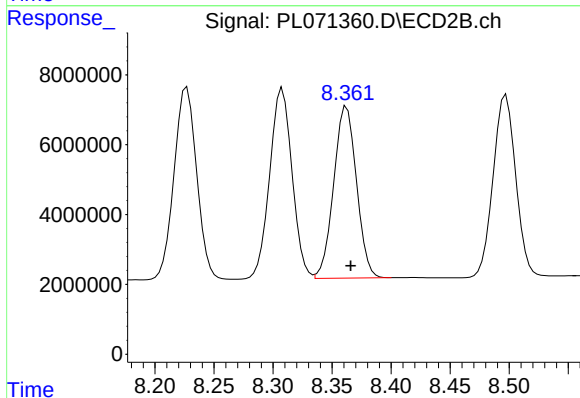
#9 Endosulfan I

R.T.: 7.401 min  
Delta R.T.: -0.005 min  
Response: 30193687  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

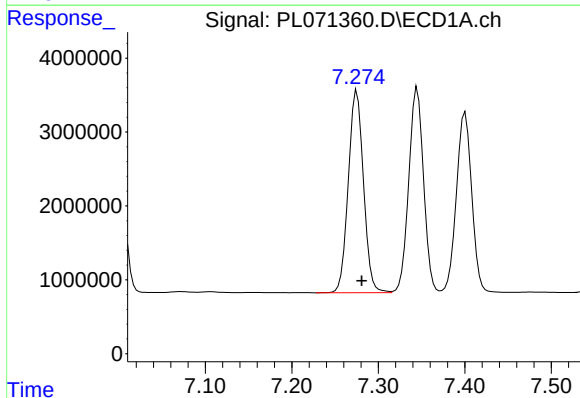
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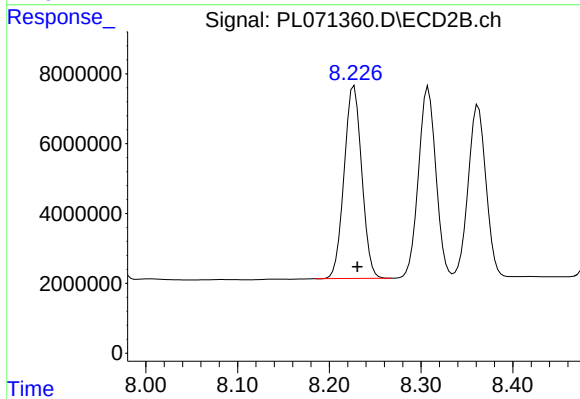
#9 Endosulfan I

R.T.: 8.362 min  
Delta R.T.: -0.003 min  
Response: 66212427  
Conc: 43.82 ng/ml



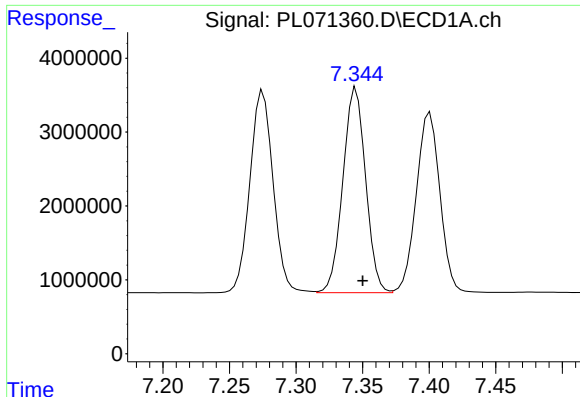
#10 gamma-Chlordane

R.T.: 7.275 min  
Delta R.T.: -0.006 min  
Response: 33319658  
Conc: 52.48 ng/ml



#10 gamma-Chlordane

R.T.: 8.227 min  
Delta R.T.: -0.003 min  
Response: 73465951  
Conc: 45.95 ng/ml



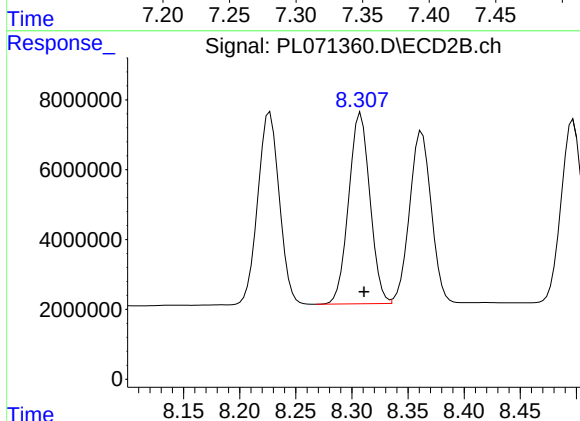
#11 alpha-Chlordane

R.T.: 7.345 min  
Delta R.T.: -0.005 min  
Response: 33032405  
Conc: 51.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

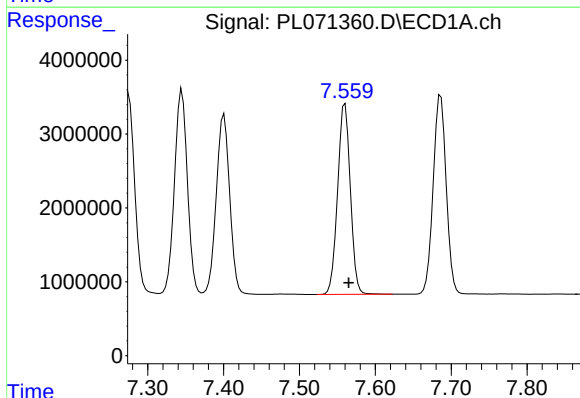
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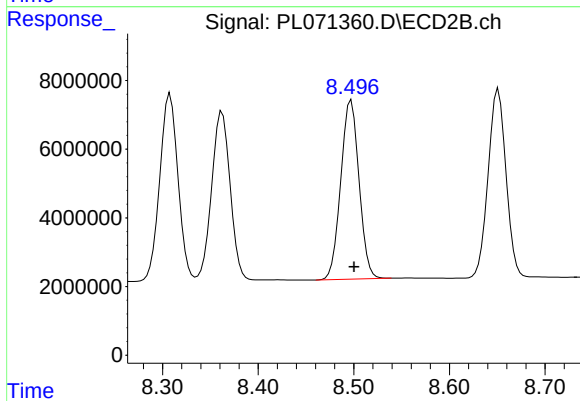
#11 alpha-Chlordane

R.T.: 8.308 min  
Delta R.T.: -0.003 min  
Response: 72075853  
Conc: 45.35 ng/ml



#12 4,4'-DDE

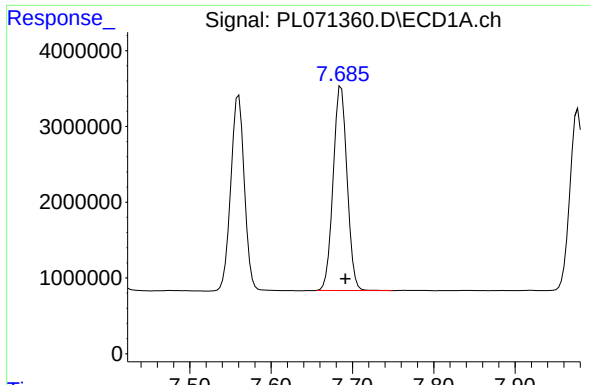
R.T.: 7.560 min  
Delta R.T.: -0.005 min  
Response: 30092277  
Conc: 53.18 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min  
Delta R.T.: -0.003 min  
Response: 69351467  
Conc: 45.05 ng/ml





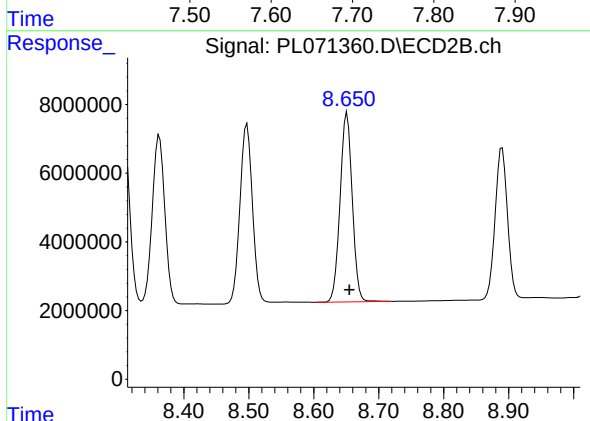
#13 Dieldrin

R.T.: 7.686 min  
Delta R.T.: -0.005 min  
Response: 32154164  
Conc: 53.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

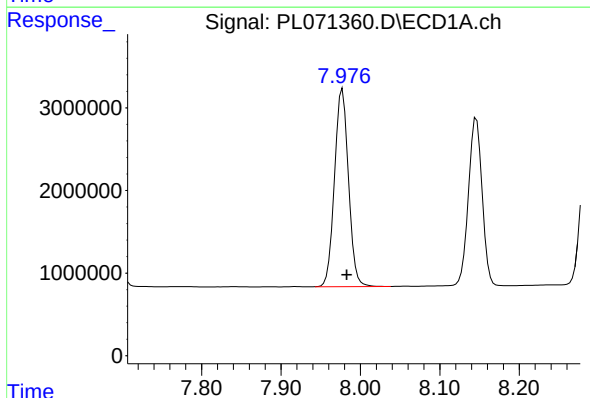
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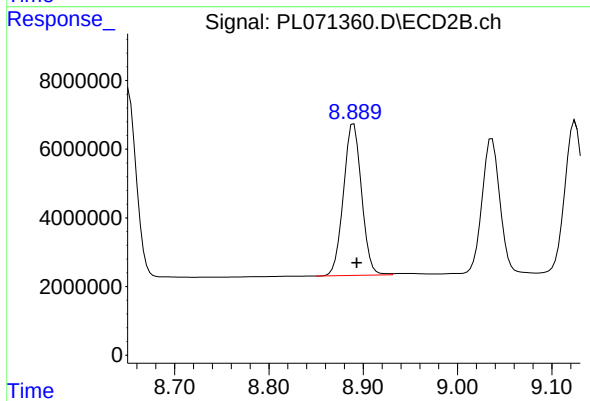
#13 Dieldrin

R.T.: 8.651 min  
Delta R.T.: -0.003 min  
Response: 71741439  
Conc: 46.18 ng/ml



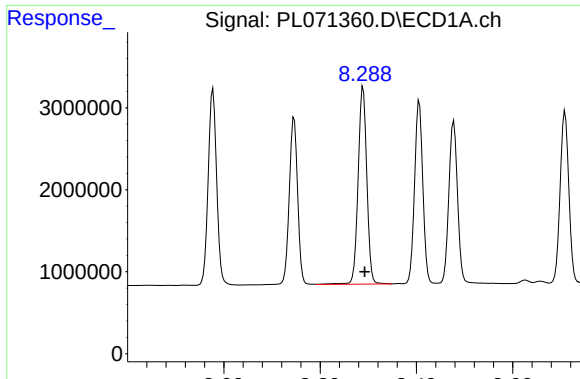
#14 Endrin

R.T.: 7.977 min  
Delta R.T.: -0.005 min  
Response: 29278066  
Conc: 51.77 ng/ml



#14 Endrin

R.T.: 8.890 min  
Delta R.T.: -0.003 min  
Response: 58931145  
Conc: 43.92 ng/ml



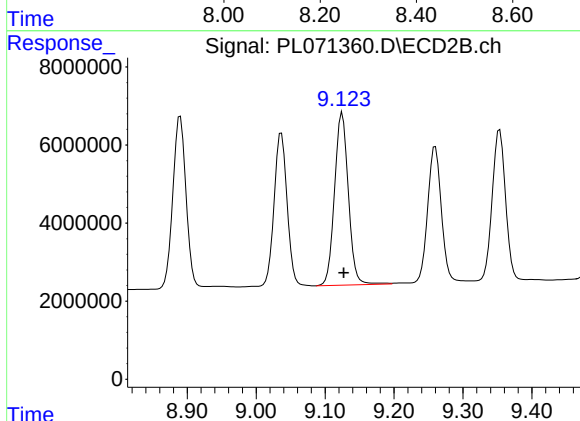
#15 Endosulfan II

R.T.: 8.289 min  
Delta R.T.: -0.004 min  
Response: 30226078  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

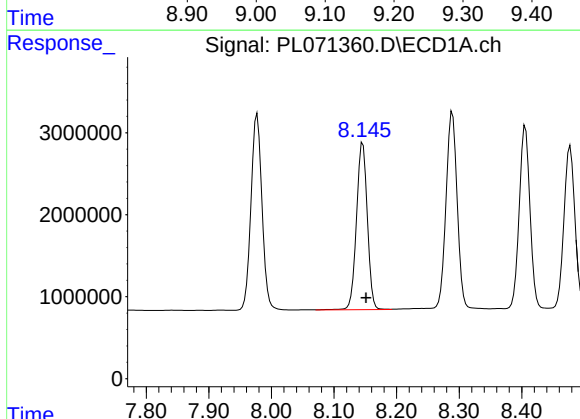
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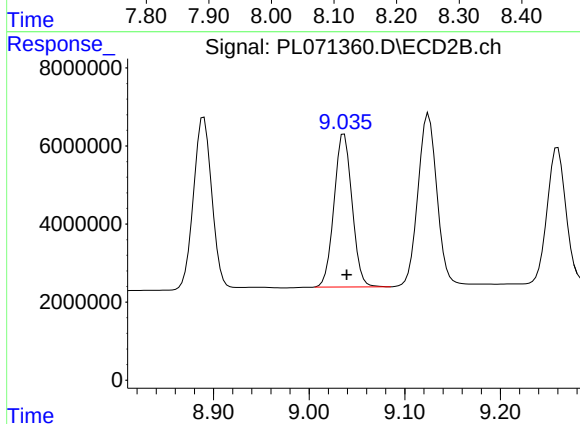
#15 Endosulfan II

R.T.: 9.125 min  
Delta R.T.: -0.002 min  
Response: 61598460  
Conc: 45.72 ng/ml



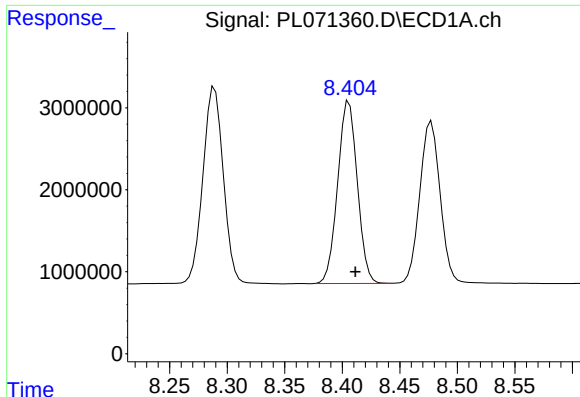
#16 4,4'-DDD

R.T.: 8.146 min  
Delta R.T.: -0.005 min  
Response: 24603891  
Conc: 49.10 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min  
Delta R.T.: -0.003 min  
Response: 51257265  
Conc: 44.18 ng/ml



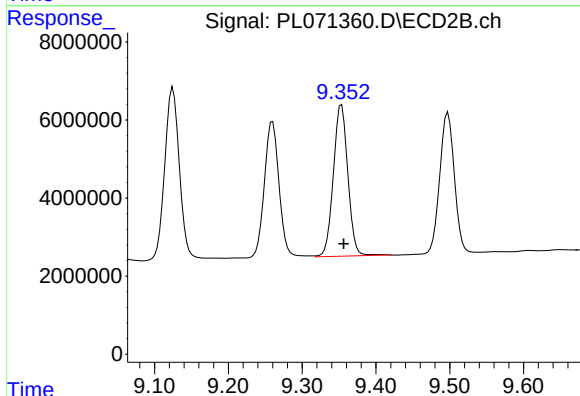
#17 4,4'-DDT

R.T.: 8.406 min  
Delta R.T.: -0.006 min  
Response: 26485017  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

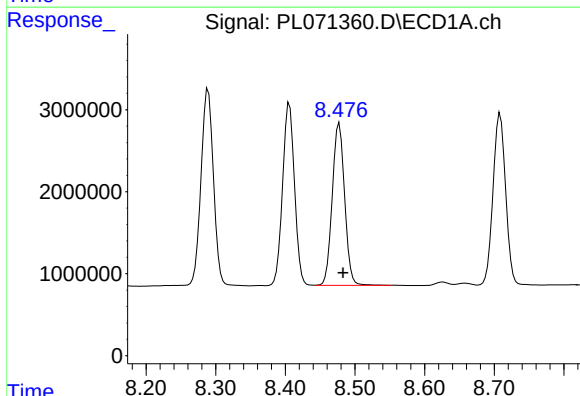
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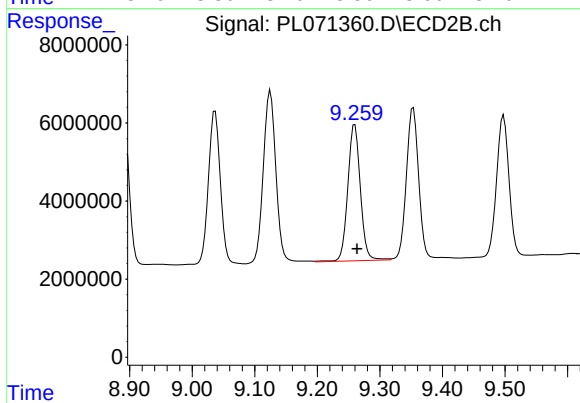
#17 4,4'-DDT

R.T.: 9.353 min  
Delta R.T.: -0.003 min  
Response: 53105151  
Conc: 38.18 ng/ml



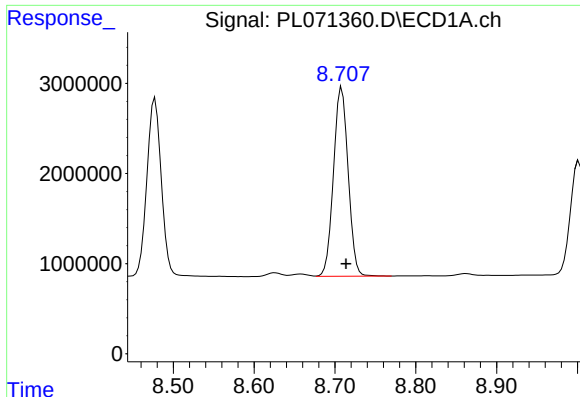
#18 Endrin aldehyde

R.T.: 8.477 min  
Delta R.T.: -0.006 min  
Response: 24484597  
Conc: 53.46 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min  
Delta R.T.: -0.003 min  
Response: 48831091  
Conc: 47.26 ng/ml



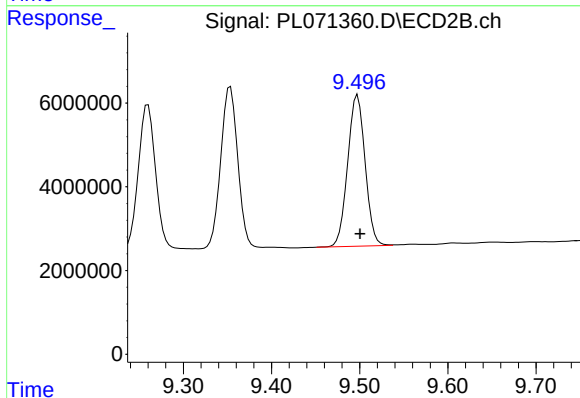
#19 Endosulfan Sulfate

R.T.: 8.709 min  
Delta R.T.: -0.005 min  
Response: 26430540  
Conc: 43.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

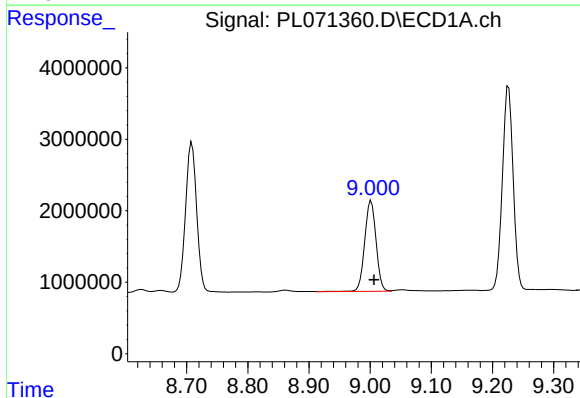
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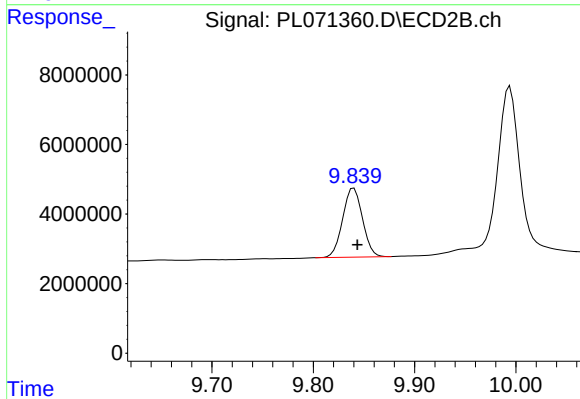
#19 Endosulfan Sulfate

R.T.: 9.498 min  
Delta R.T.: -0.003 min  
Response: 49689946  
Conc: 38.02 ng/ml



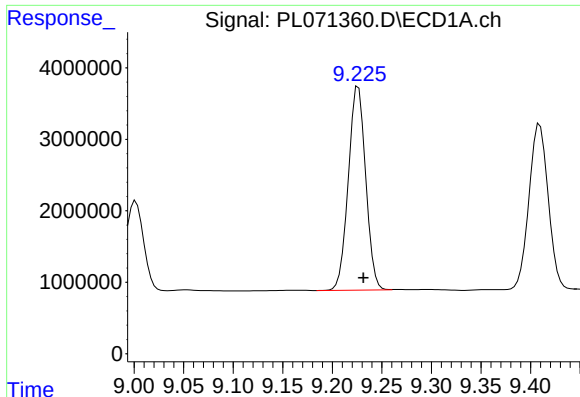
#20 Methoxychlor

R.T.: 9.002 min  
Delta R.T.: -0.005 min  
Response: 16396072  
Conc: 45.38 ng/ml



#20 Methoxychlor

R.T.: 9.840 min  
Delta R.T.: -0.003 min  
Response: 26976253  
Conc: 37.21 ng/ml



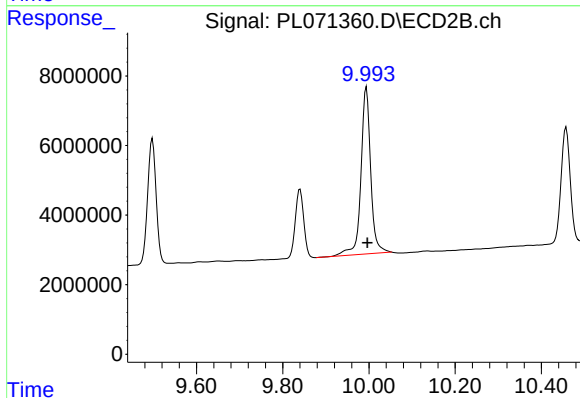
#21 Endrin ketone

R.T.: 9.226 min  
Delta R.T.: -0.005 min  
Response: 34839182  
Conc: 48.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

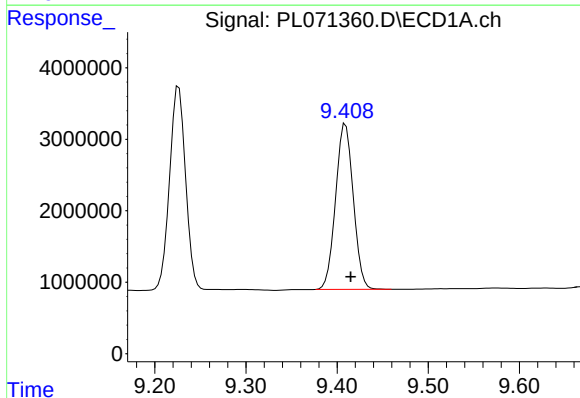
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/10/2021  
Supervised By :Ankita Jodhani 12/10/2021



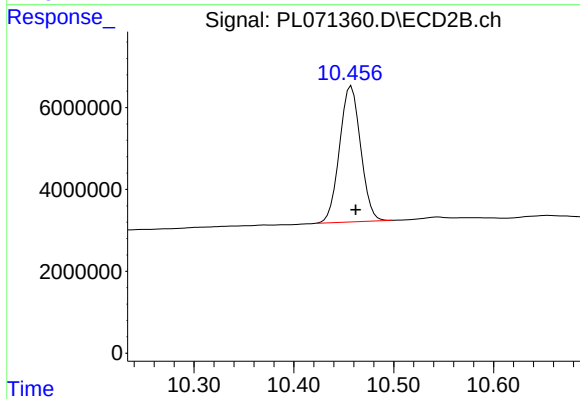
#21 Endrin ketone

R.T.: 9.994 min  
Delta R.T.: -0.003 min  
Response: 75100146  
Conc: 51.28 ng/ml



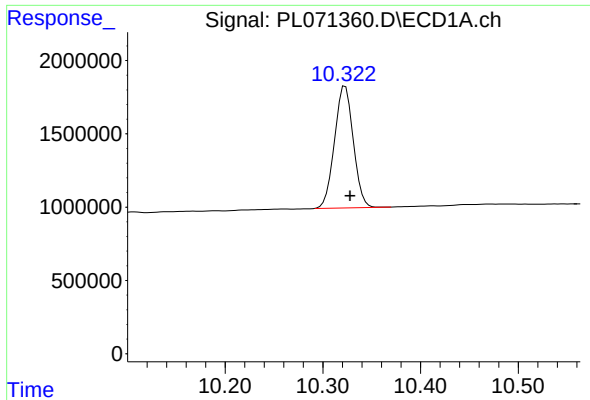
#22 Mirex

R.T.: 9.409 min  
Delta R.T.: -0.006 min  
Response: 31237308  
Conc: 50.58 ng/ml



#22 Mirex

R.T.: 10.458 min  
Delta R.T.: -0.004 min  
Response: 48647950  
Conc: 44.60 ng/ml



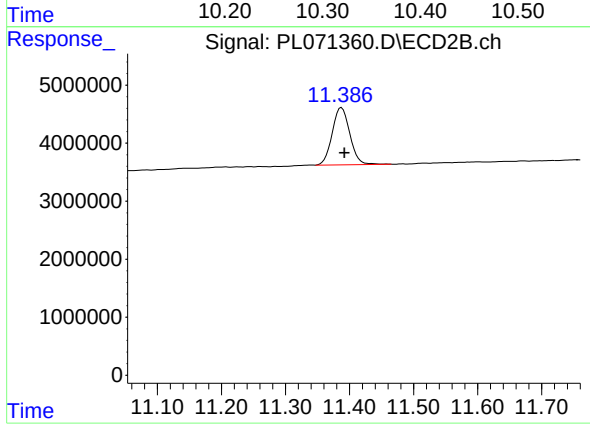
#28 Decachlorobiphenyl

R.T.: 10.323 min  
Delta R.T.: -0.005 min  
Response: 11121263  
Conc: 15.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-7SMSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/10/2021  
Supervised By :Ankita Jodhani 12/10/2021



#28 Decachlorobiphenyl

R.T.: 11.387 min  
Delta R.T.: -0.005 min  
Response: 18896189  
Conc: 13.59 ng/ml