

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021822\  
 Data File : PL072795.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Feb 2022 13:14  
 Operator : AR\AJ  
 Sample : N1535-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 368MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/21/2022  
 Supervised By : Ankita Jodhani 02/21/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 20 21:32:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 05:14:10 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...          | 4.552  | 5.489  | 10120518 | 34354354 | 21.018  | 19.888 |
| 28) SA Decachlor...         | 10.314 | 11.382 | 14171250 | 32362526 | 18.719  | 20.408 |
| Target Compounds            |        |        |          |          |         |        |
| 2) A alpha-BHC              | 5.259  | 6.071  | 34793647 | 124.1E6  | 52.770  | 51.824 |
| 3) MA gamma-BHC...          | 5.682  | 6.467  | 33815476 | 118.0E6  | 53.805  | 51.235 |
| 4) MA Heptachlor            | 6.087  | 7.113  | 34929712 | 114.0E6  | 47.854m | 50.085 |
| 5) MB Aldrin                | 6.412  | 7.483  | 36084391 | 112.9E6  | 55.888  | 52.821 |
| 6) B beta-BHC               | 6.068  | 6.727  | 11935862 | 49934066 | 48.169m | 48.983 |
| 7) B delta-BHC              | 6.326  | 6.993  | 34270347 | 111.1E6  | 51.758  | 48.493 |
| 8) B Heptachlo...           | 6.990  | 7.951  | 35005118 | 101.6E6  | 55.524  | 52.646 |
| 9) A Endosulfan I           | 7.392  | 8.356  | 33835383 | 90918200 | 57.833  | 51.968 |
| 10) B gamma-Chl...          | 7.267  | 8.221  | 35465127 | 104.6E6  | 55.986  | 54.052 |
| 11) B alpha-Chl...          | 7.336  | 8.301  | 35206859 | 100.7E6  | 55.289  | 53.017 |
| 12) B 4,4'-DDE              | 7.551  | 8.491  | 35092876 | 92473020 | 57.746  | 49.475 |
| 13) MA Dieldrin             | 7.678  | 8.645  | 35815673 | 100.6E6  | 56.715  | 53.956 |
| 14) MA Endrin               | 7.970  | 8.885  | 32930491 | 83734589 | 56.214  | 53.143 |
| 15) B Endosulfa...          | 8.282  | 9.121  | 32627172 | 86414665 | 53.628  | 51.397 |
| 16) A 4,4'-DDD              | 8.138  | 9.032  | 27340390 | 77774947 | 56.830  | 56.204 |
| 17) MA 4,4'-DDT             | 8.398  | 9.349  | 27282963 | 72120661 | 50.704  | 47.112 |
| 18) B Endrin al...          | 8.470  | 9.256  | 19456561 | 48919841 | 44.637m | 43.466 |
| 19) B Endosulfa...          | 8.703  | 9.494  | 32818654 | 77782341 | 55.148  | 51.994 |
| 20) A Methoxychlor          | 8.993  | 9.837  | 17000395 | 37819144 | 48.348m | 46.710 |
| 21) B Endrin ke...          | 9.220  | 9.990  | 34530975 | 81270894 | 50.243  | 51.008 |
| 22) Mirex                   | 9.402  | 10.453 | 34999171 | 74784811 | 58.996  | 63.707 |
| -----                       |        |        |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021822\  
Data File : PL072795.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Feb 2022 13:14  
Operator : AR\AJ  
Sample : N1535-01MSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

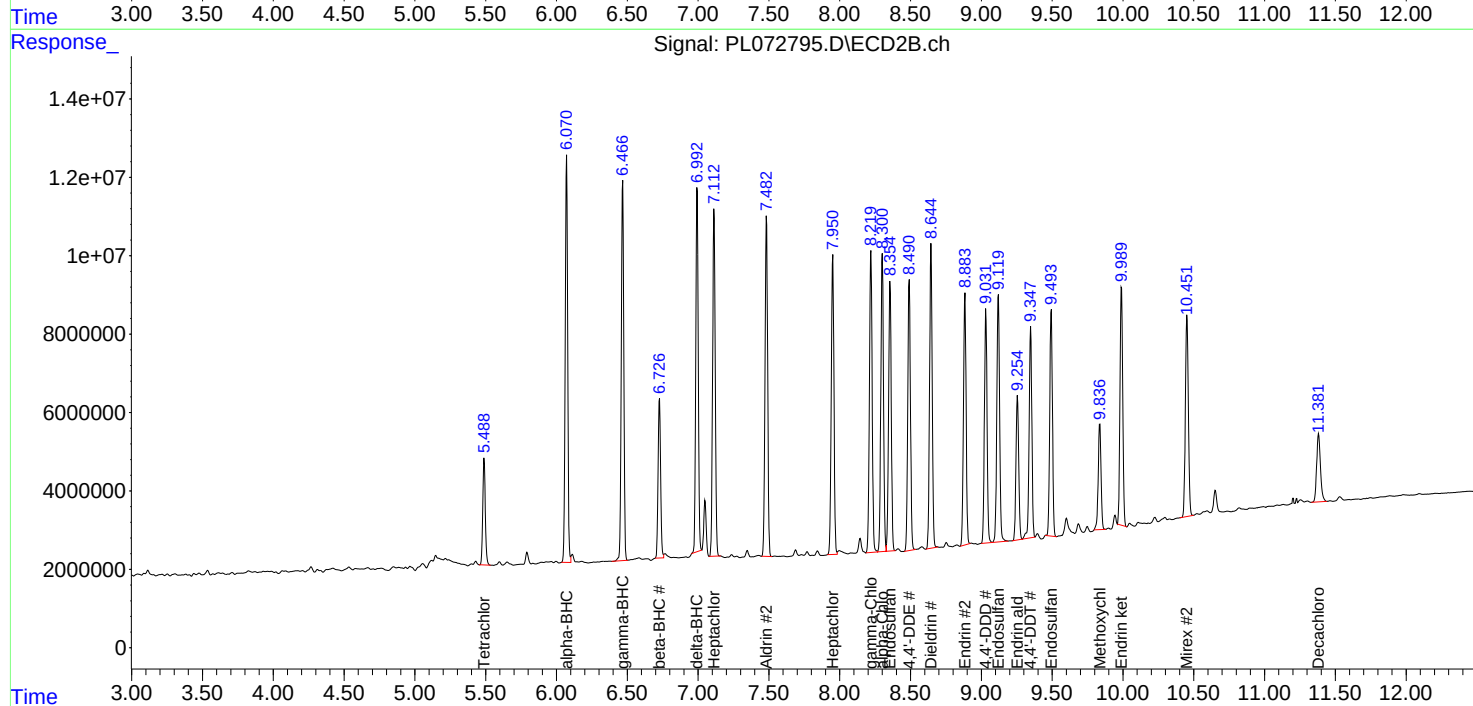
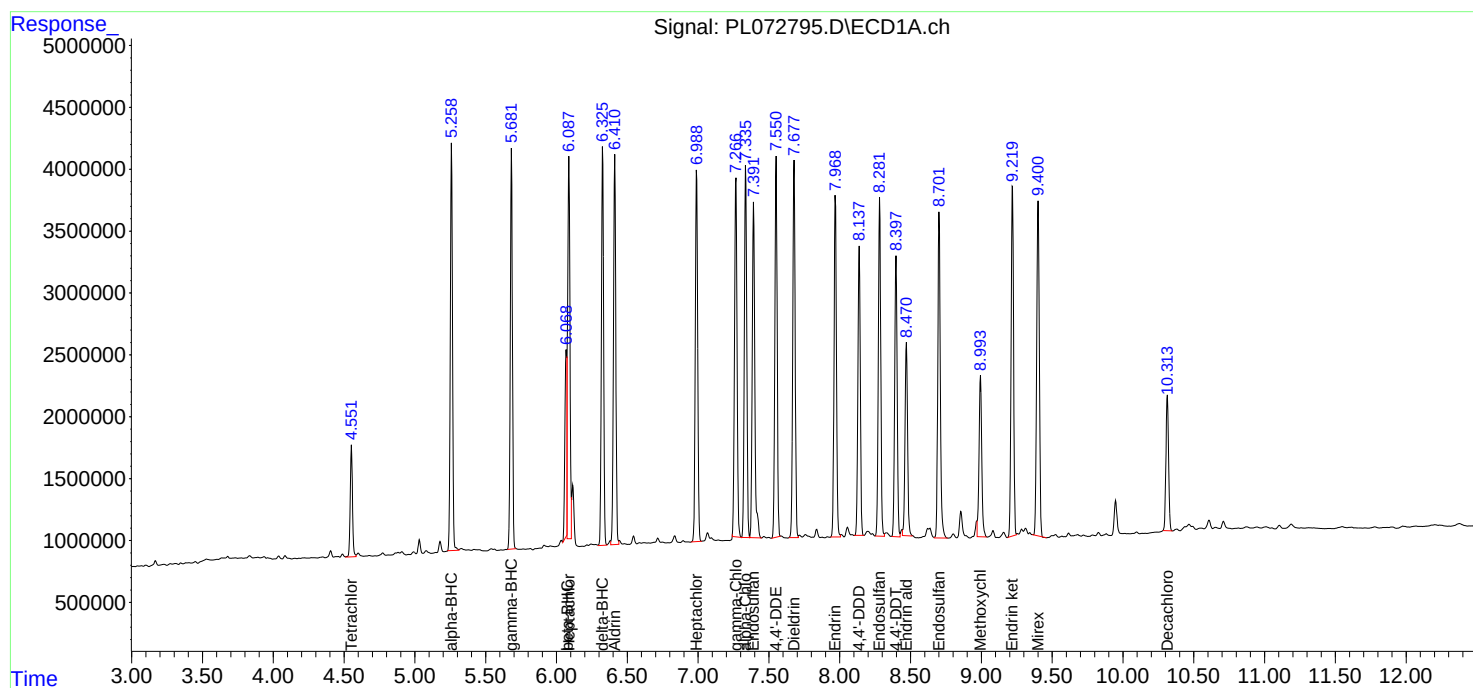
Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

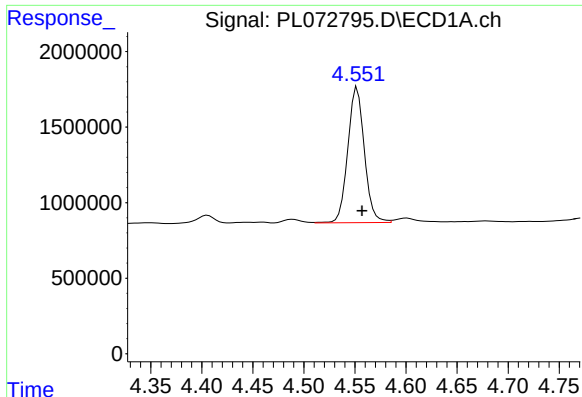
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 20 21:32:23 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 08 05:14:10 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





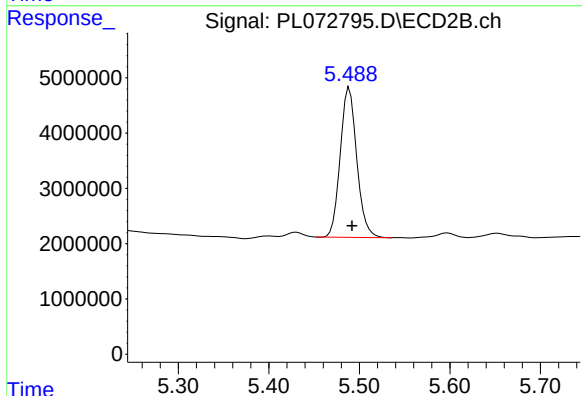
#1 Tetrachloro-m-xylene

R.T.: 4.552 min  
Delta R.T.: -0.005 min  
Response: 10120518  
Conc: 21.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

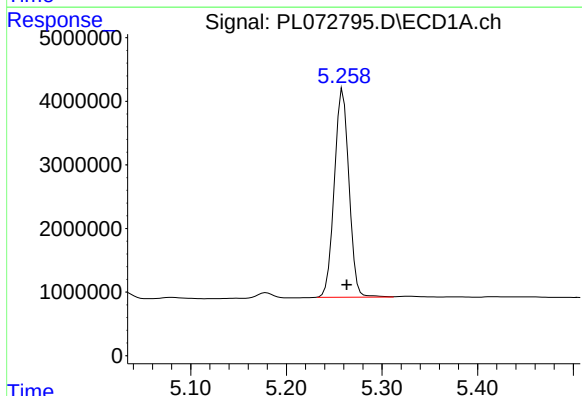
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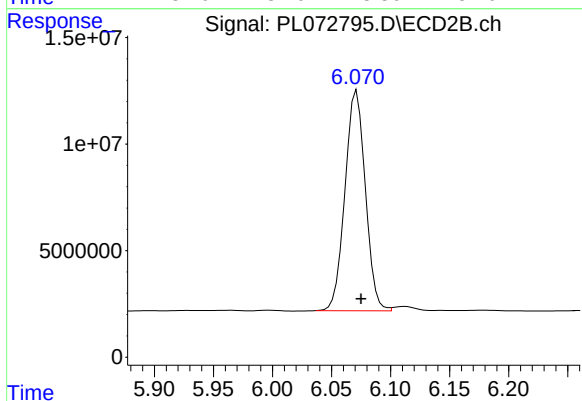
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.003 min  
Response: 34354354  
Conc: 19.89 ng/ml



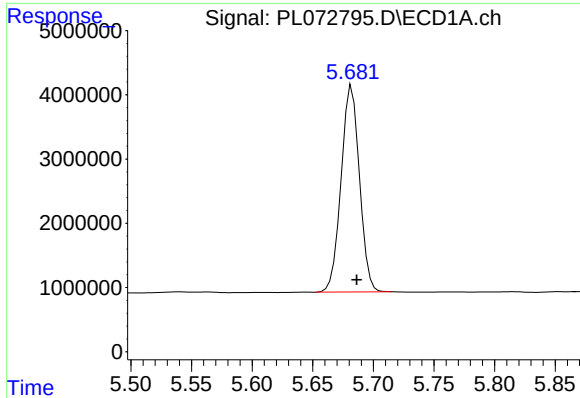
#2 alpha-BHC

R.T.: 5.259 min  
Delta R.T.: -0.004 min  
Response: 34793647  
Conc: 52.77 ng/ml



#2 alpha-BHC

R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 124103821  
Conc: 51.82 ng/ml



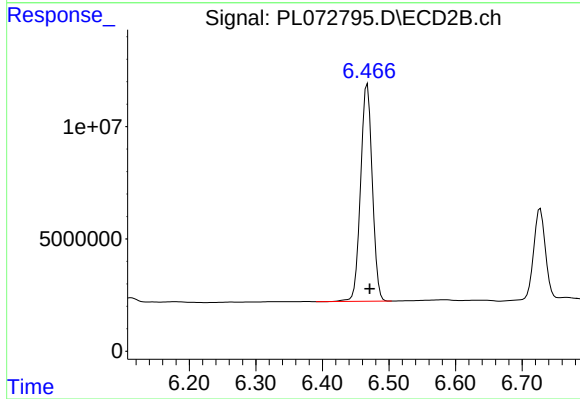
#3 gamma-BHC (Lindane)

R.T.: 5.682 min  
Delta R.T.: -0.004 min  
Response: 33815476  
Conc: 53.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

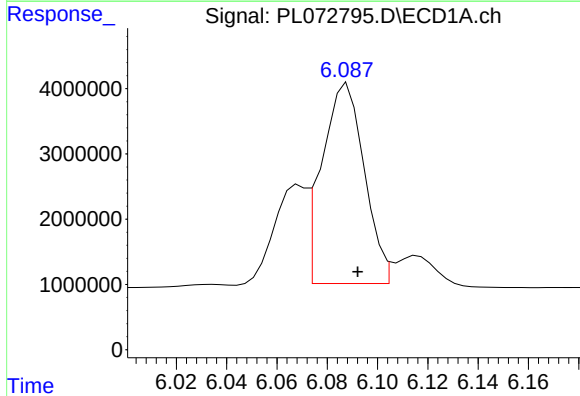
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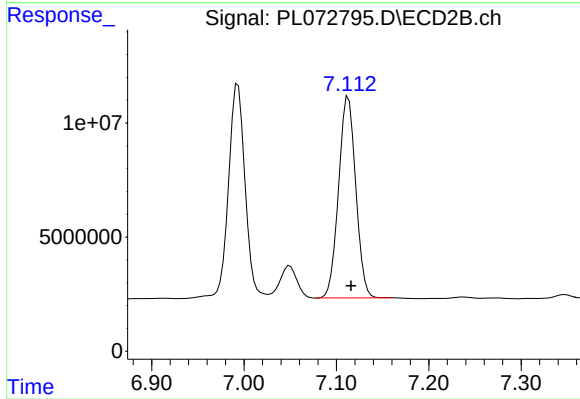
#3 gamma-BHC (Lindane)

R.T.: 6.467 min  
Delta R.T.: -0.004 min  
Response: 117966852  
Conc: 51.24 ng/ml



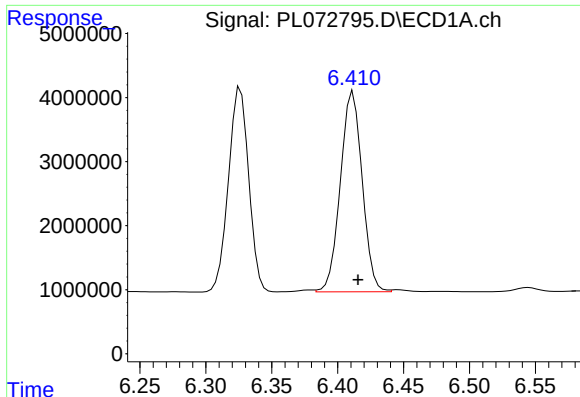
#4 Heptachlor

R.T.: 6.087 min  
Delta R.T.: -0.005 min  
Response: 34929712  
Conc: 47.85 ng/ml m



#4 Heptachlor

R.T.: 7.113 min  
Delta R.T.: -0.003 min  
Response: 114036718  
Conc: 50.09 ng/ml



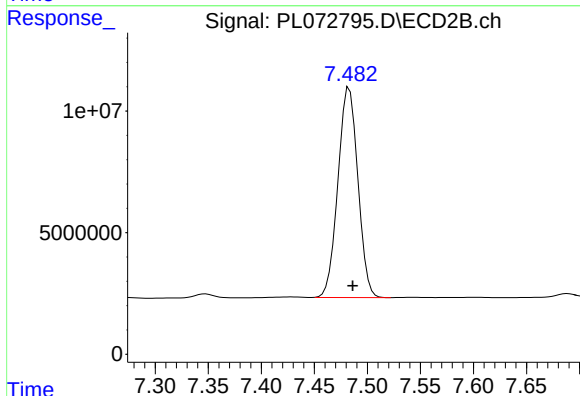
#5 Aldrin

R.T.: 6.412 min  
Delta R.T.: -0.004 min  
Response: 36084391  
Conc: 55.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

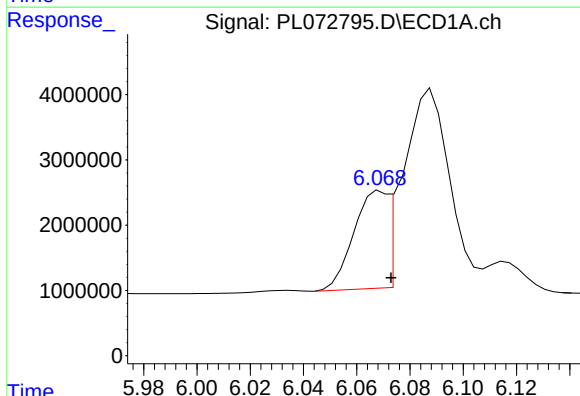
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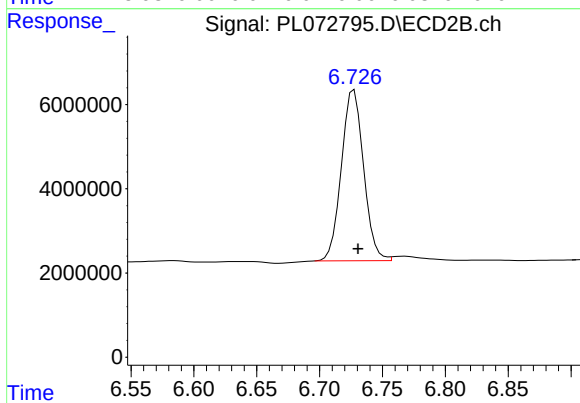
#5 Aldrin

R.T.: 7.483 min  
Delta R.T.: -0.003 min  
Response: 112920636  
Conc: 52.82 ng/ml



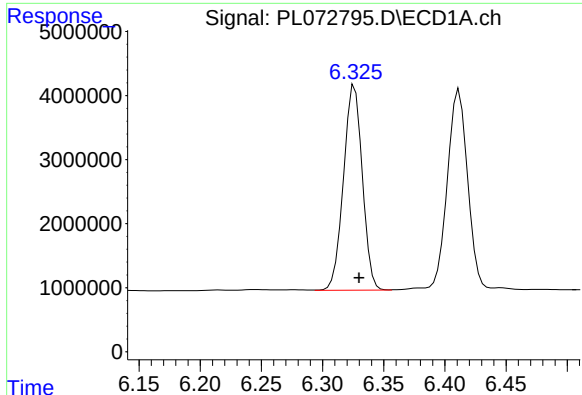
#6 beta-BHC

R.T.: 6.068 min  
Delta R.T.: -0.005 min  
Response: 11935862  
Conc: 48.17 ng/ml m



#6 beta-BHC

R.T.: 6.727 min  
Delta R.T.: -0.003 min  
Response: 49934066  
Conc: 48.98 ng/ml



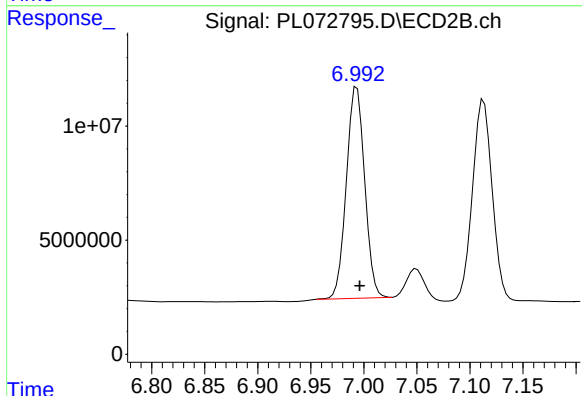
#7 delta-BHC

R.T.: 6.326 min  
Delta R.T.: -0.004 min  
Response: 34270347  
Conc: 51.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

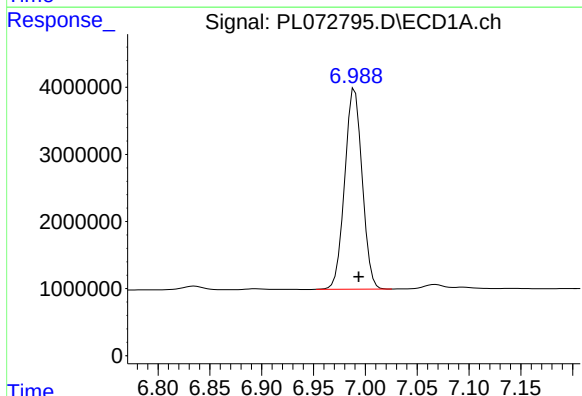
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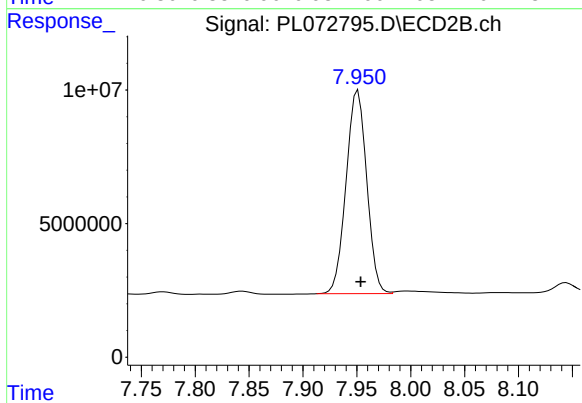
#7 delta-BHC

R.T.: 6.993 min  
Delta R.T.: -0.003 min  
Response: 111098966  
Conc: 48.49 ng/ml



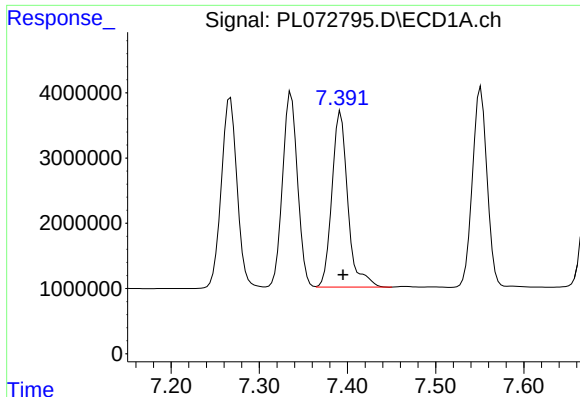
#8 Heptachlor epoxide

R.T.: 6.990 min  
Delta R.T.: -0.004 min  
Response: 35005118  
Conc: 55.52 ng/ml



#8 Heptachlor epoxide

R.T.: 7.951 min  
Delta R.T.: -0.002 min  
Response: 101568202  
Conc: 52.65 ng/ml



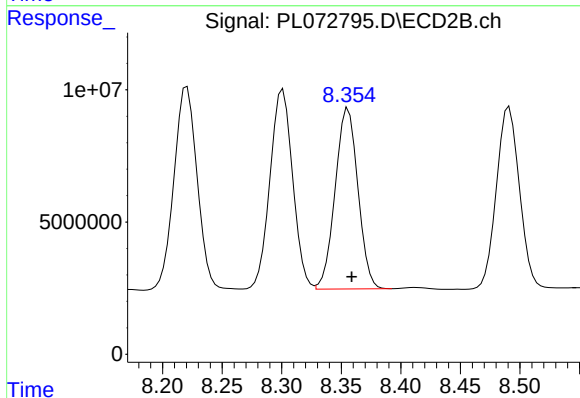
#9 Endosulfan I

R.T.: 7.392 min  
Delta R.T.: -0.003 min  
Response: 33835383  
Conc: 57.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

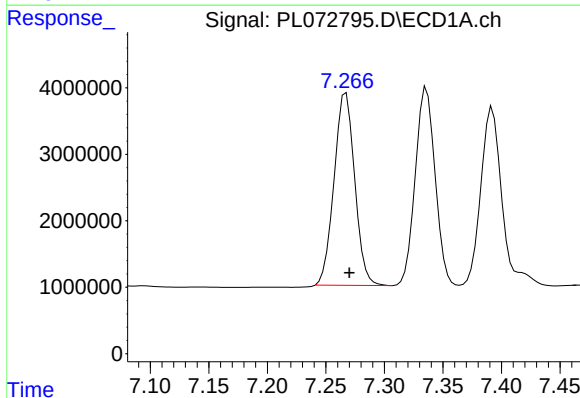
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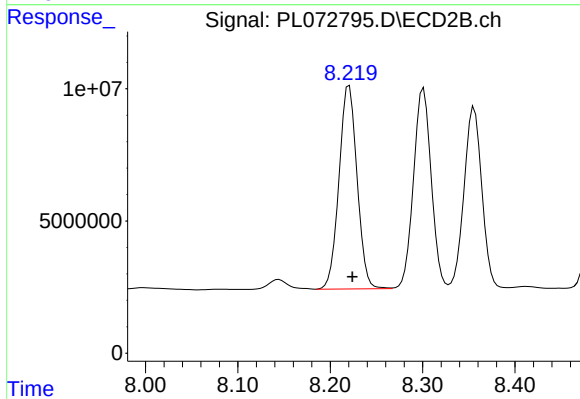
#9 Endosulfan I

R.T.: 8.356 min  
Delta R.T.: -0.003 min  
Response: 90918200  
Conc: 51.97 ng/ml



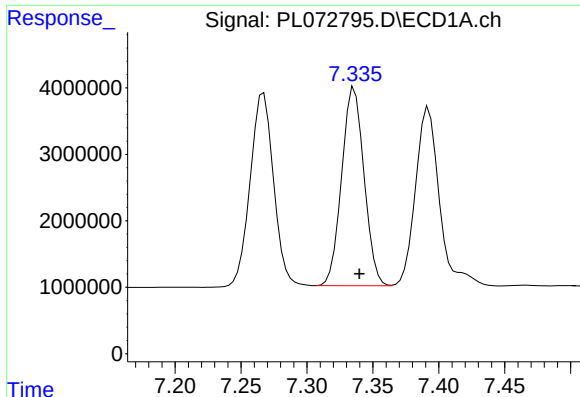
#10 gamma-Chlordane

R.T.: 7.267 min  
Delta R.T.: -0.003 min  
Response: 35465127  
Conc: 55.99 ng/ml



#10 gamma-Chlordane

R.T.: 8.221 min  
Delta R.T.: -0.003 min  
Response: 104551198  
Conc: 54.05 ng/ml



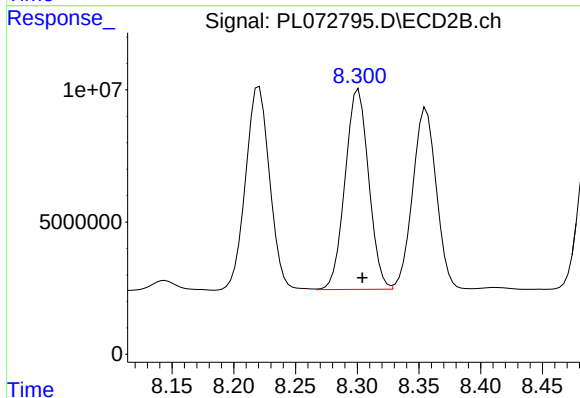
#11 alpha-Chlordane

R.T.: 7.336 min  
Delta R.T.: -0.004 min  
Response: 35206859  
Conc: 55.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

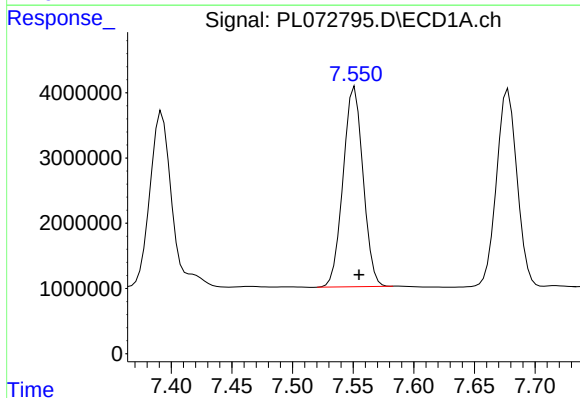
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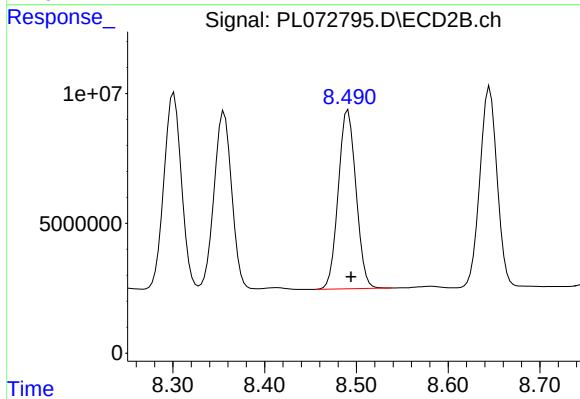
#11 alpha-Chlordane

R.T.: 8.301 min  
Delta R.T.: -0.003 min  
Response: 100730890  
Conc: 53.02 ng/ml



#12 4,4'-DDE

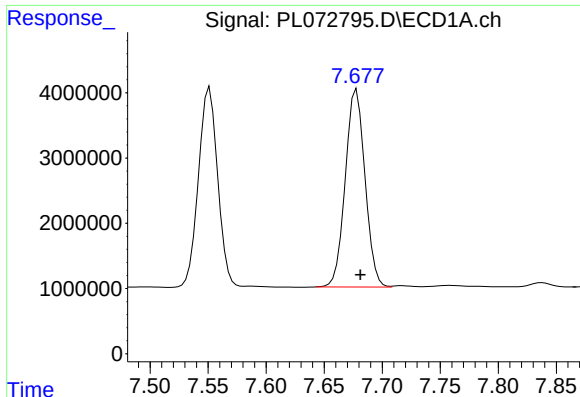
R.T.: 7.551 min  
Delta R.T.: -0.004 min  
Response: 35092876  
Conc: 57.75 ng/ml



#12 4,4'-DDE

R.T.: 8.491 min  
Delta R.T.: -0.003 min  
Response: 92473020  
Conc: 49.48 ng/ml





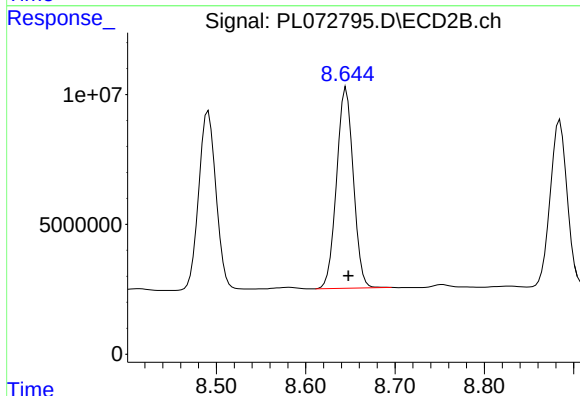
#13 Dieldrin

R.T.: 7.678 min  
Delta R.T.: -0.003 min  
Response: 35815673  
Conc: 56.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

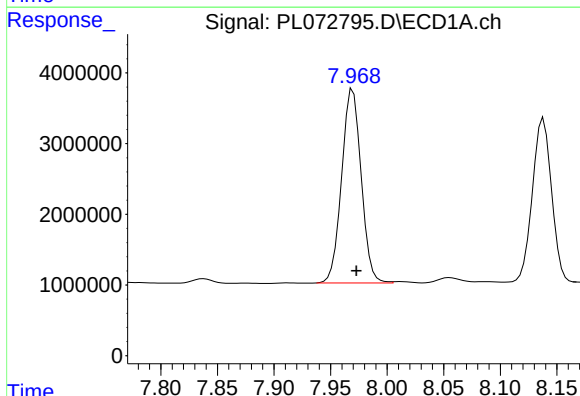
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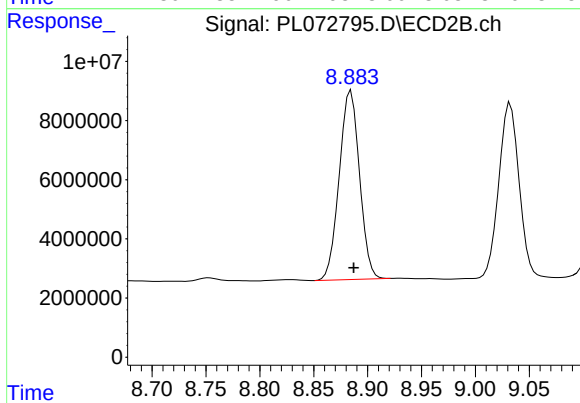
#13 Dieldrin

R.T.: 8.645 min  
Delta R.T.: -0.003 min  
Response: 100554836  
Conc: 53.96 ng/ml



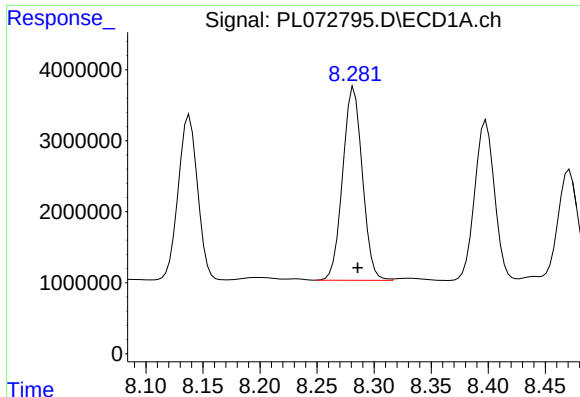
#14 Endrin

R.T.: 7.970 min  
Delta R.T.: -0.003 min  
Response: 32930491  
Conc: 56.21 ng/ml



#14 Endrin

R.T.: 8.885 min  
Delta R.T.: -0.003 min  
Response: 83734589  
Conc: 53.14 ng/ml



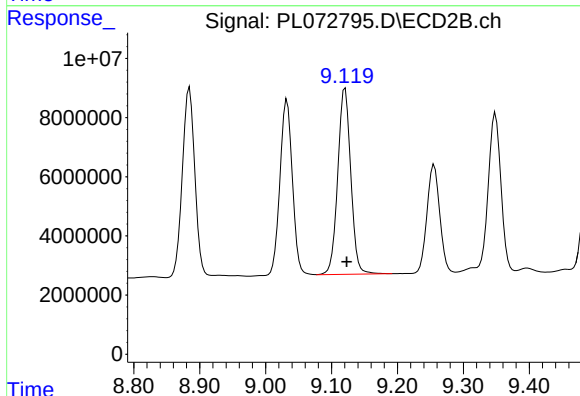
#15 Endosulfan II

R.T.: 8.282 min  
Delta R.T.: -0.003 min  
Response: 32627172  
Conc: 53.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

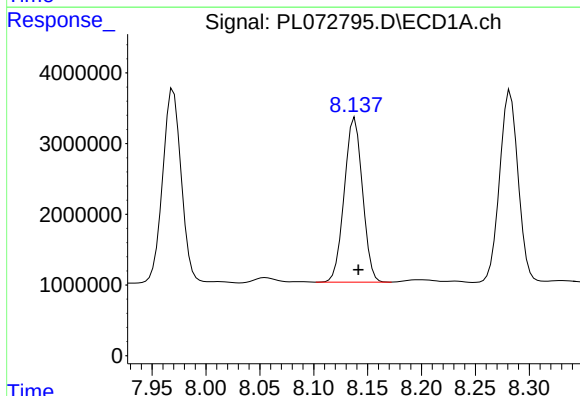
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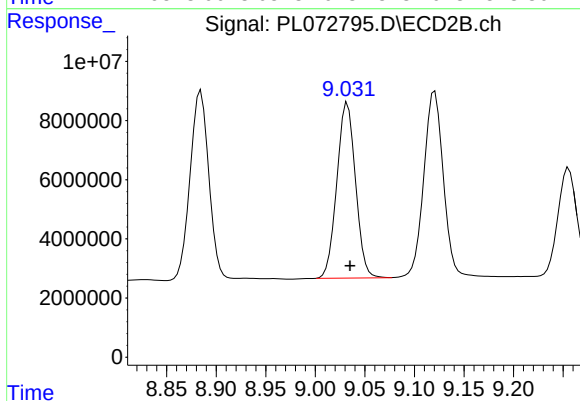
#15 Endosulfan II

R.T.: 9.121 min  
Delta R.T.: -0.002 min  
Response: 86414665  
Conc: 51.40 ng/ml



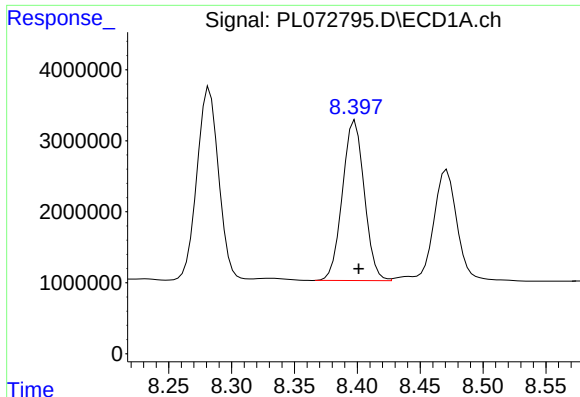
#16 4,4'-DDD

R.T.: 8.138 min  
Delta R.T.: -0.003 min  
Response: 27340390  
Conc: 56.83 ng/ml



#16 4,4'-DDD

R.T.: 9.032 min  
Delta R.T.: -0.003 min  
Response: 77774947  
Conc: 56.20 ng/ml



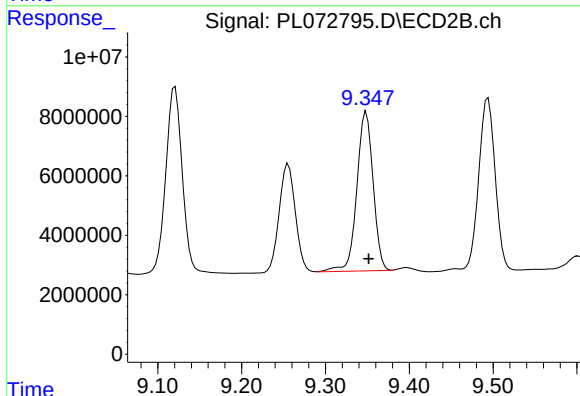
#17 4,4'-DDT

R.T.: 8.398 min  
Delta R.T.: -0.003 min  
Response: 27282963  
Conc: 50.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

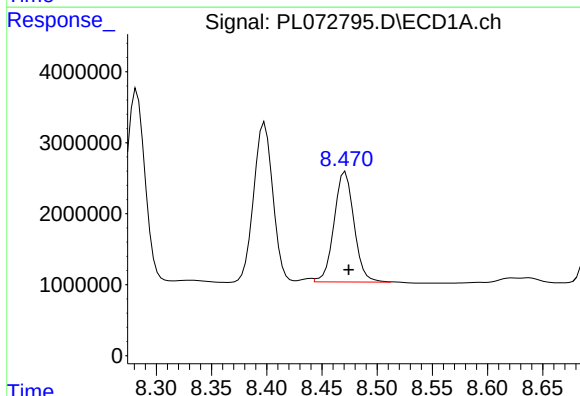
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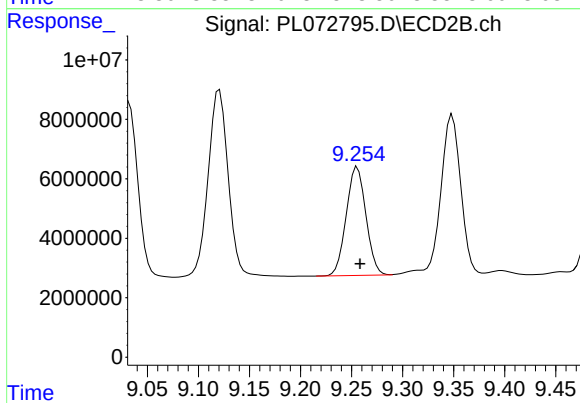
#17 4,4'-DDT

R.T.: 9.349 min  
Delta R.T.: -0.003 min  
Response: 72120661  
Conc: 47.11 ng/ml



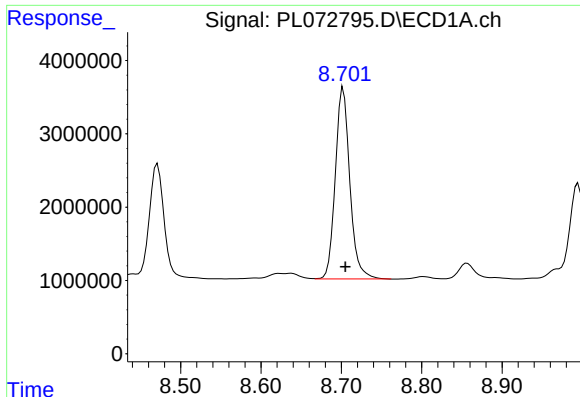
#18 Endrin aldehyde

R.T.: 8.470 min  
Delta R.T.: -0.004 min  
Response: 19456561  
Conc: 44.64 ng/ml m



#18 Endrin aldehyde

R.T.: 9.256 min  
Delta R.T.: -0.003 min  
Response: 48919841  
Conc: 43.47 ng/ml



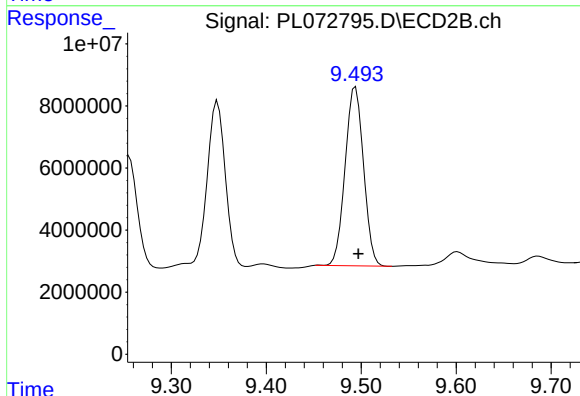
#19 Endosulfan Sulfate

R.T.: 8.703 min  
Delta R.T.: -0.002 min  
Response: 32818654  
Conc: 55.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

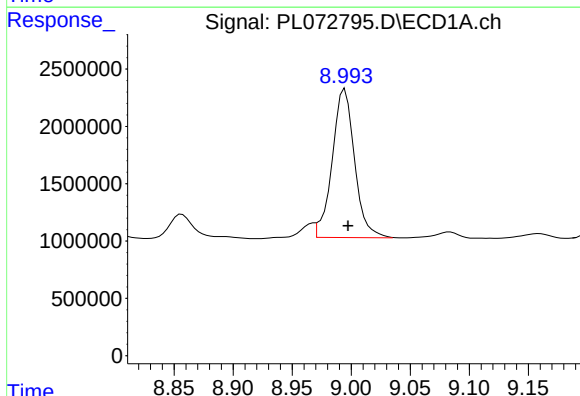
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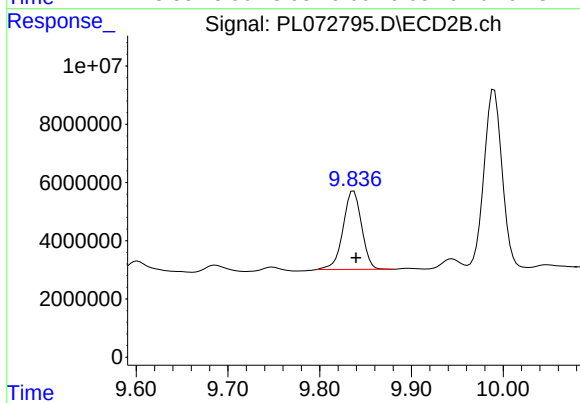
#19 Endosulfan Sulfate

R.T.: 9.494 min  
Delta R.T.: -0.003 min  
Response: 77782341  
Conc: 51.99 ng/ml



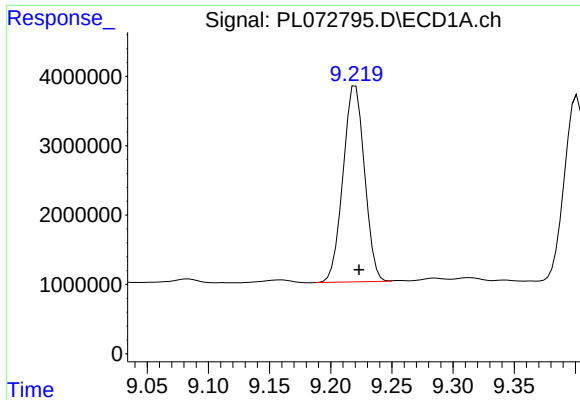
#20 Methoxychlor

R.T.: 8.993 min  
Delta R.T.: -0.004 min  
Response: 17000395  
Conc: 48.35 ng/ml m



#20 Methoxychlor

R.T.: 9.837 min  
Delta R.T.: -0.002 min  
Response: 37819144  
Conc: 46.71 ng/ml



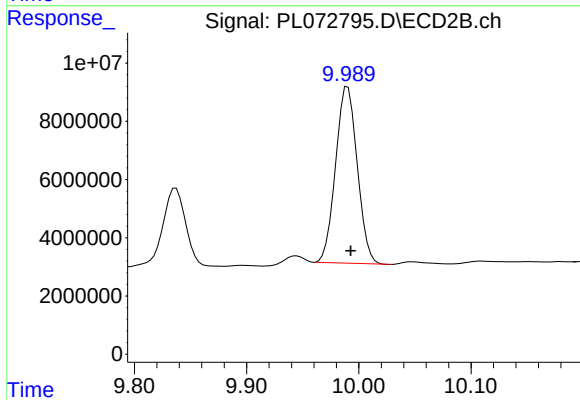
#21 Endrin ketone

R.T.: 9.220 min  
Delta R.T.: -0.003 min  
Response: 34530975  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

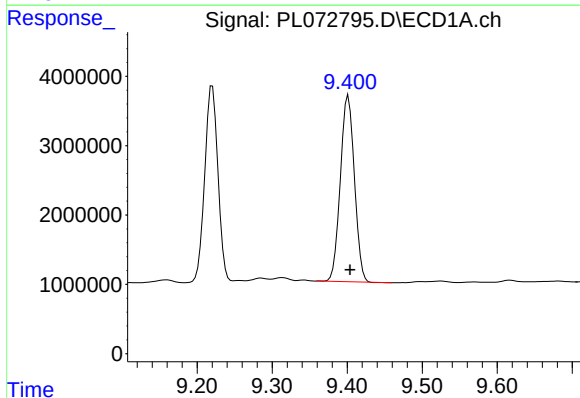
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/21/2022  
Supervised By :Ankita Jodhani 02/21/2022



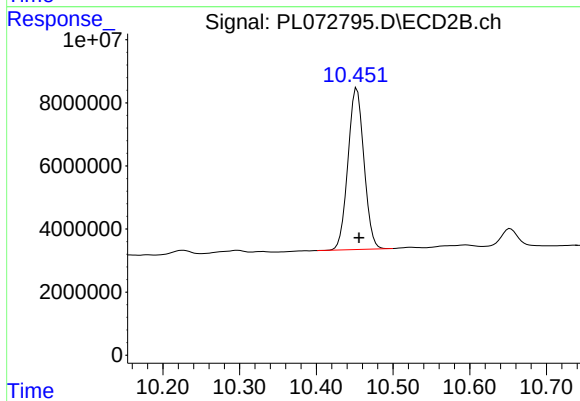
#21 Endrin ketone

R.T.: 9.990 min  
Delta R.T.: -0.003 min  
Response: 81270894  
Conc: 51.01 ng/ml



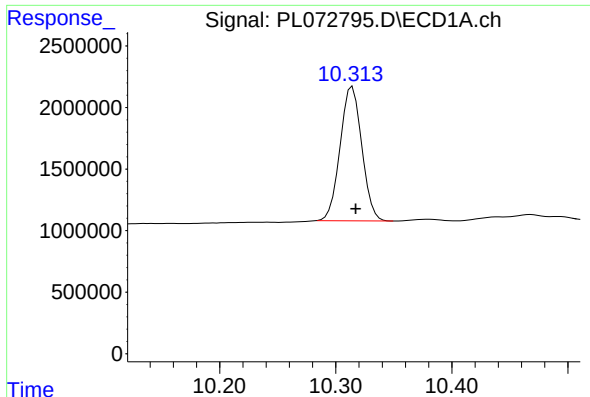
#22 Mirex

R.T.: 9.402 min  
Delta R.T.: -0.002 min  
Response: 34999171  
Conc: 59.00 ng/ml



#22 Mirex

R.T.: 10.453 min  
Delta R.T.: -0.003 min  
Response: 74784811  
Conc: 63.71 ng/ml



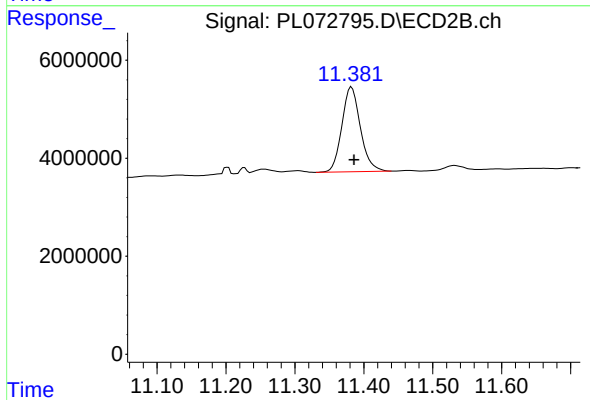
#28 Decachlorobiphenyl

R.T.: 10.314 min  
Delta R.T.: -0.003 min  
Response: 14171250  
Conc: 18.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
368MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/21/2022  
Supervised By :Ankita Jodhani 02/21/2022



#28 Decachlorobiphenyl

R.T.: 11.382 min  
Delta R.T.: -0.004 min  
Response: 32362526  
Conc: 20.41 ng/ml