

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102621\  
 Data File : PL070613.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2021 01:19  
 Operator : AR\AJ  
 Sample : M4373-01MS  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SU-01-102621MS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 04:16:01 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 27 07:49:52 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... | 4.622  | 5.579f  | 9938672  | 27534856 | 19.735 | 17.991m  |
| 2)                          | SA Decachlor... | 10.387 | 11.502f | 11097063 | 27378429 | 14.678 | 18.978m# |
| Target Compounds            |                 |        |         |          |          |        |          |
| 2)                          | A alpha-BHC     | 5.328  | 6.161f  | 34966042 | 114.6E6  | 50.360 | 49.038   |
| 3)                          | MA gamma-BHC... | 5.751  | 6.558f  | 35350511 | 103.9E6  | 50.375 | 47.572   |
| 4)                          | MA Heptachlor   | 6.160  | 7.207f  | 35876902 | 96676592 | 46.709 | 42.054   |
| 5)                          | MB Aldrin       | 6.485  | 7.578f  | 37444786 | 89117200 | 53.549 | 42.490   |
| 6)                          | B beta-BHC      | 6.131  | 6.813f  | 16352556 | 46406615 | 46.660 | 44.026   |
| 7)                          | B delta-BHC     | 6.393  | 7.081f  | 34490968 | 93023563 | 48.551 | 36.969   |
| 8)                          | B Heptachlo...  | 7.062  | 8.044f  | 32545314 | 70139489 | 46.501 | 35.326   |
| 9)                          | A Endosulfan I  | 7.465  | 8.451f  | 29253559 | 68914119 | 43.441 | 37.382   |
| 10)                         | B gamma-Chl...  | 7.338  | 8.315f  | 33327889 | 75787657 | 46.509 | 37.960   |
| 11)                         | B alpha-Chl...  | 7.408  | 8.395f  | 32964441 | 73829519 | 45.315 | 37.706   |
| 12)                         | B 4,4'-DDE      | 7.622  | 8.582f  | 30052354 | 62248535 | 46.359 | 31.657 # |
| 13)                         | MA Dieldrin     | 7.751  | 8.741f  | 31895224 | 69469780 | 45.383 | 36.347   |
| 14)                         | MA Endrin       | 8.042  | 8.980f  | 28850251 | 62489653 | 44.594 | 38.479   |
| 15)                         | B Endosulfa...  | 8.353  | 9.214f  | 28165873 | 55454882 | 44.204 | 36.034   |
| 16)                         | A 4,4'-DDD      | 8.207  | 9.123f  | 25469445 | 57502182 | 44.760 | 37.590   |
| 17)                         | MA 4,4'-DDT     | 8.468  | 9.441f  | 25637598 | 53643615 | 40.145 | 31.046   |
| 18)                         | B Endrin al...  | 8.541  | 9.349f  | 21772879 | 45228713 | 42.670 | 36.178   |
| 19)                         | B Endosulfa...  | 8.772  | 9.587f  | 28947472 | 52376446 | 42.418 | 33.790   |
| 20)                         | A Methoxychlor  | 9.063  | 9.927f  | 15101394 | 27894434 | 37.257 | 28.269   |
| 21)                         | B Endrin ke...  | 9.291  | 10.085f | 25317696 | 60906279 | 30.662 | 35.150   |
| 22)                         | Mirex           | 9.476  | 10.551f | 23096585 | 46243010 | 33.841 | 38.621   |
| -----                       |                 |        |         |          |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102621\  
Data File : PL070613.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2021 01:19  
Operator : AR\AJ  
Sample : M4373-01MS  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

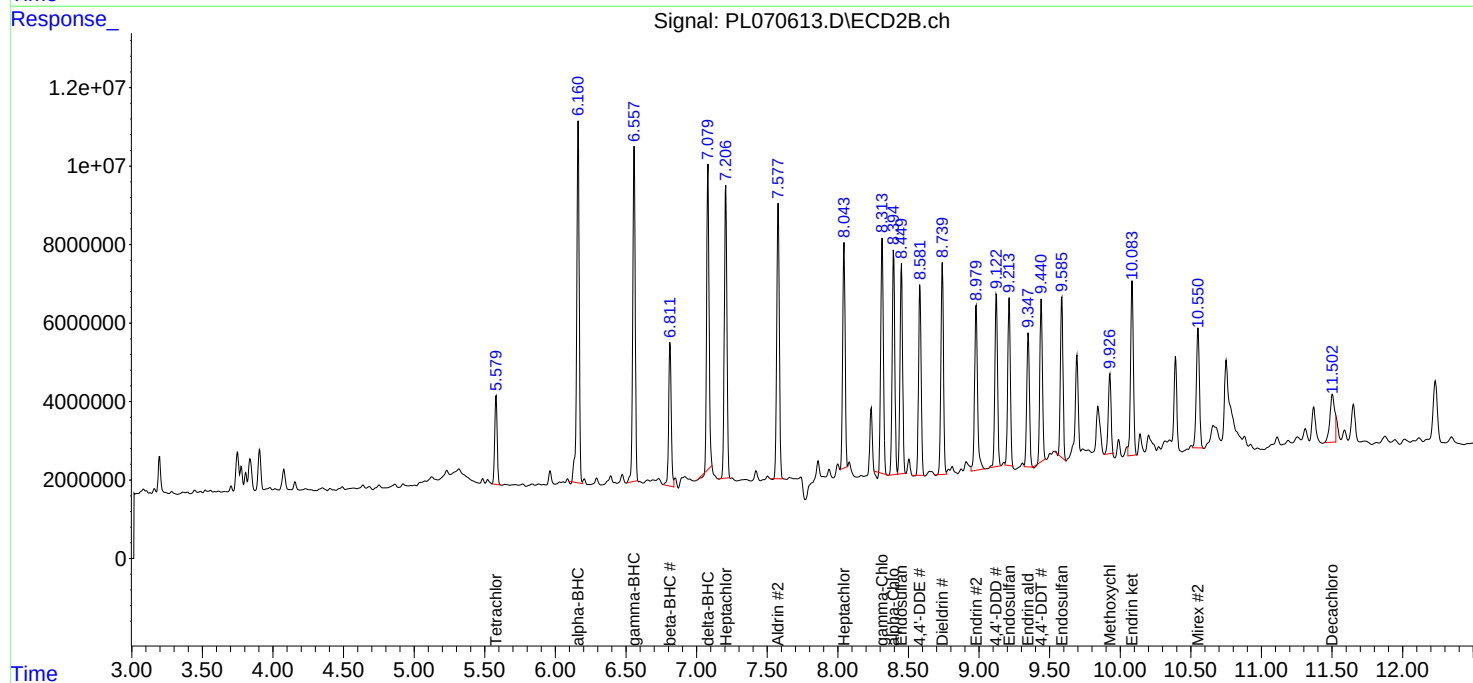
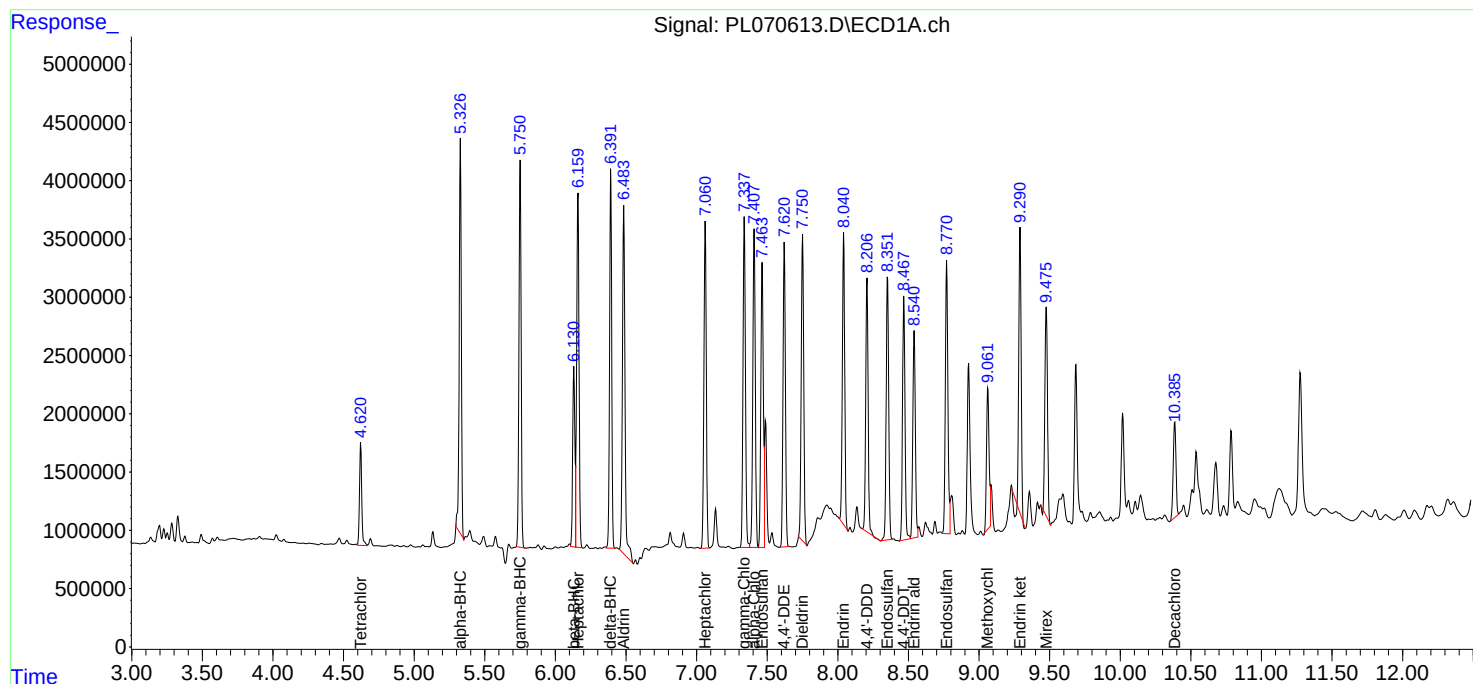
Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

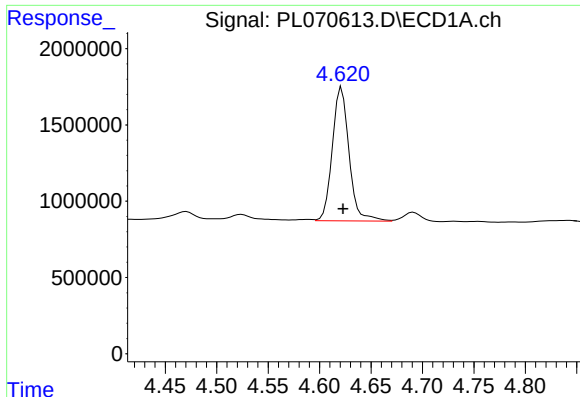
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 04:16:01 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102621.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 27 07:49:52 2021  
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





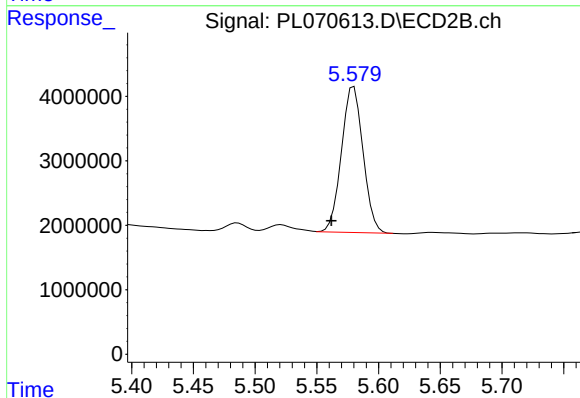
#1 Tetrachloro-m-xylene

R.T.: 4.622 min  
Delta R.T.: -0.001 min  
Response: 9938672  
Conc: 19.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

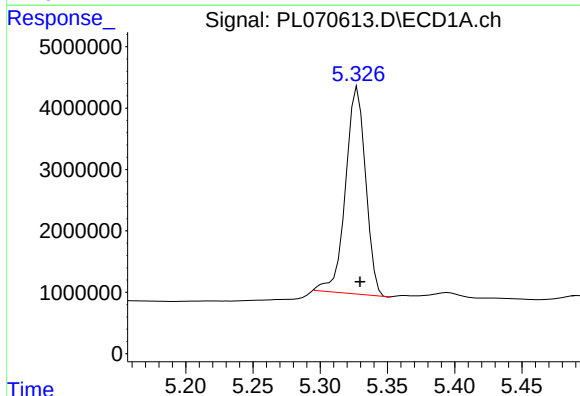
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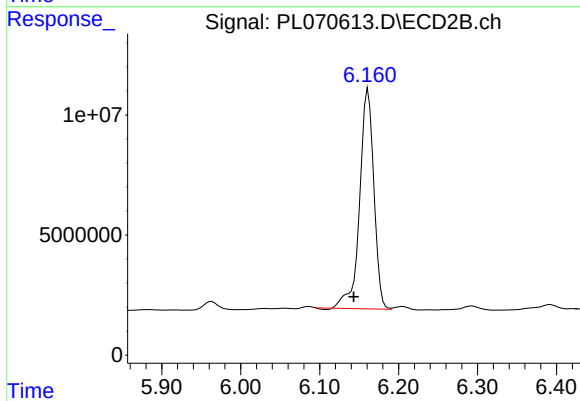
#1 Tetrachloro-m-xylene

R.T.: 5.579 min  
Delta R.T.: 0.017 min  
Response: 27534856  
Conc: 17.99 ng/ml m



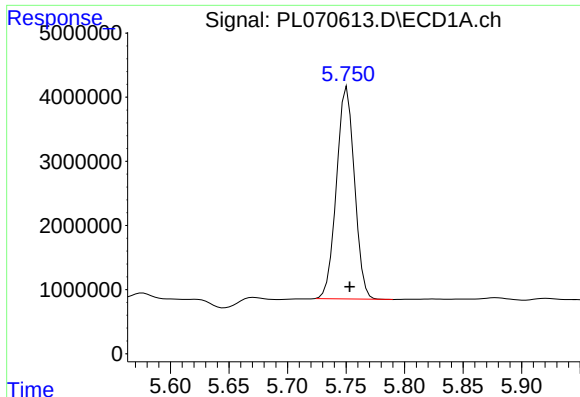
#2 alpha-BHC

R.T.: 5.328 min  
Delta R.T.: -0.002 min  
Response: 34966042  
Conc: 50.36 ng/ml



#2 alpha-BHC

R.T.: 6.161 min  
Delta R.T.: 0.018 min  
Response: 114588692  
Conc: 49.04 ng/ml



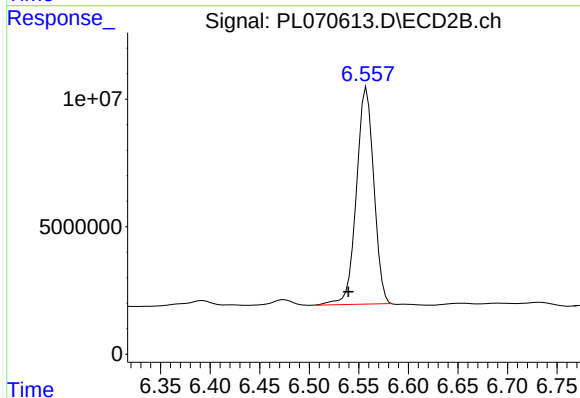
#3 gamma-BHC (Lindane)

R.T.: 5.751 min  
Delta R.T.: -0.002 min  
Response: 35350511  
Conc: 50.37 ng/ml

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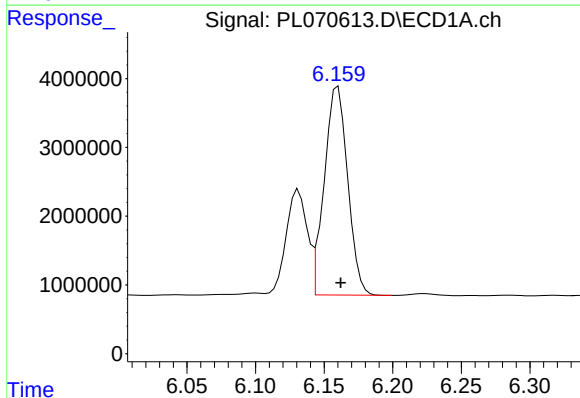
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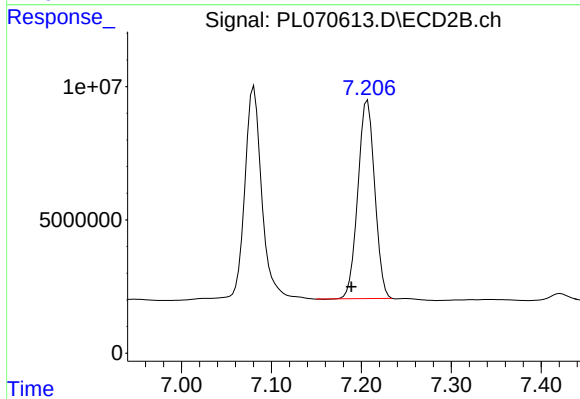
#3 gamma-BHC (Lindane)

R.T.: 6.558 min  
Delta R.T.: 0.018 min  
Response: 103941303  
Conc: 47.57 ng/ml



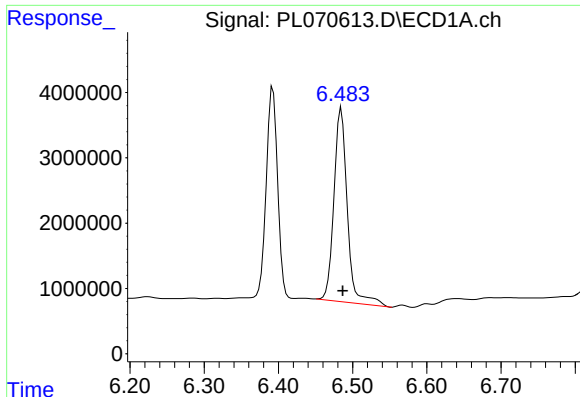
#4 Heptachlor

R.T.: 6.160 min  
Delta R.T.: -0.002 min  
Response: 35876902  
Conc: 46.71 ng/ml



#4 Heptachlor

R.T.: 7.207 min  
Delta R.T.: 0.018 min  
Response: 96676592  
Conc: 42.05 ng/ml



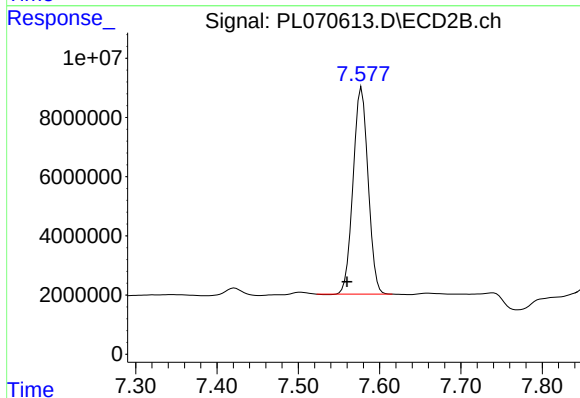
#5 Aldrin

R.T.: 6.485 min  
Delta R.T.: -0.002 min  
Response: 37444786  
Conc: 53.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

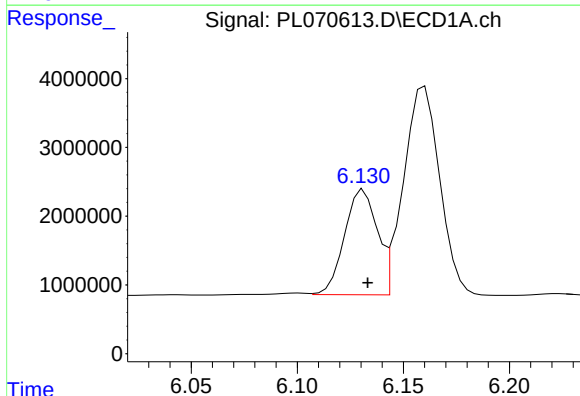
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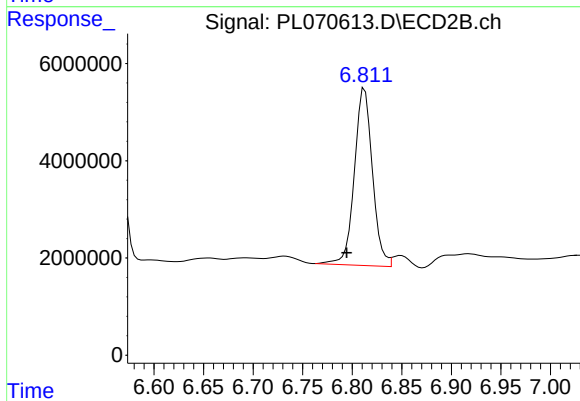
#5 Aldrin

R.T.: 7.578 min  
Delta R.T.: 0.018 min  
Response: 89117200  
Conc: 42.49 ng/ml



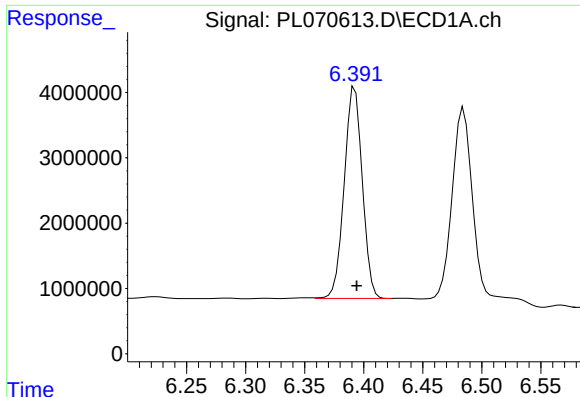
#6 beta-BHC

R.T.: 6.131 min  
Delta R.T.: -0.002 min  
Response: 16352556  
Conc: 46.66 ng/ml



#6 beta-BHC

R.T.: 6.813 min  
Delta R.T.: 0.018 min  
Response: 46406615  
Conc: 44.03 ng/ml



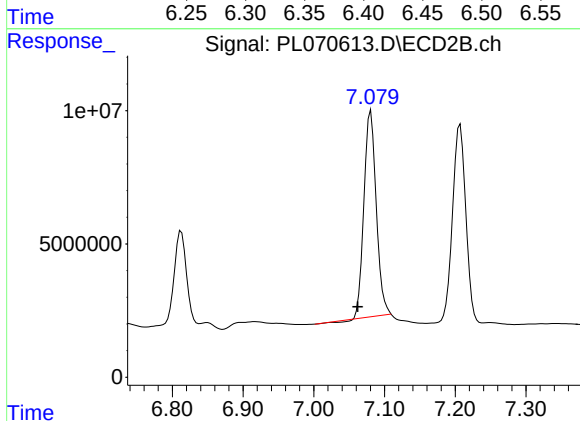
#7 delta-BHC

R.T.: 6.393 min  
Delta R.T.: -0.002 min  
Response: 34490968  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

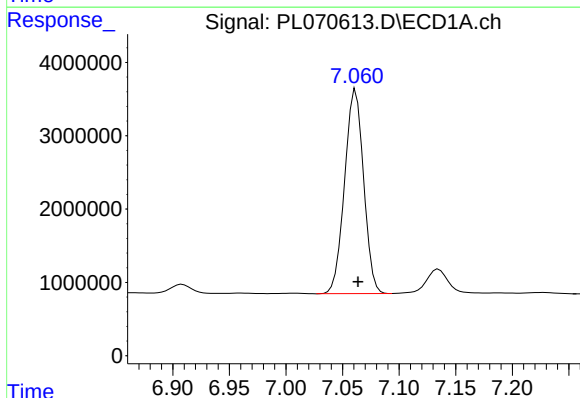
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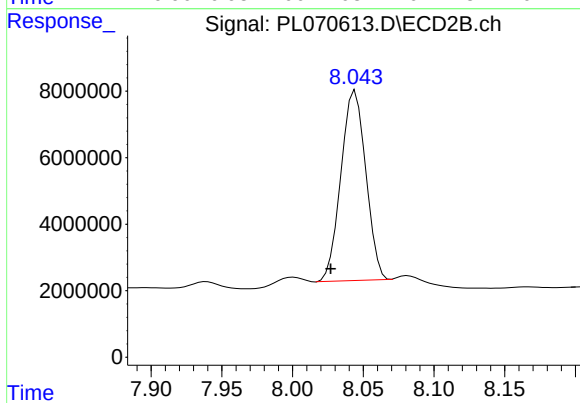
#7 delta-BHC

R.T.: 7.081 min  
Delta R.T.: 0.019 min  
Response: 93023563  
Conc: 36.97 ng/ml



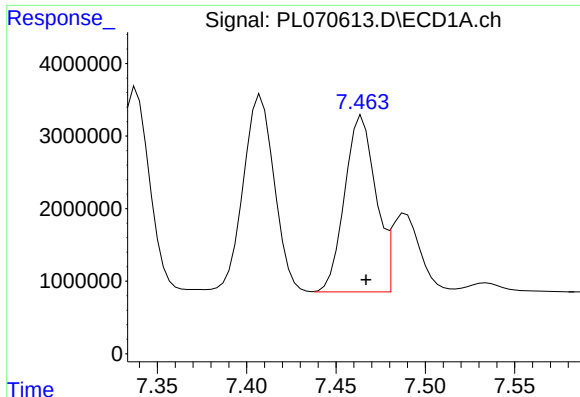
#8 Heptachlor epoxide

R.T.: 7.062 min  
Delta R.T.: -0.002 min  
Response: 32545314  
Conc: 46.50 ng/ml



#8 Heptachlor epoxide

R.T.: 8.044 min  
Delta R.T.: 0.017 min  
Response: 70139489  
Conc: 35.33 ng/ml



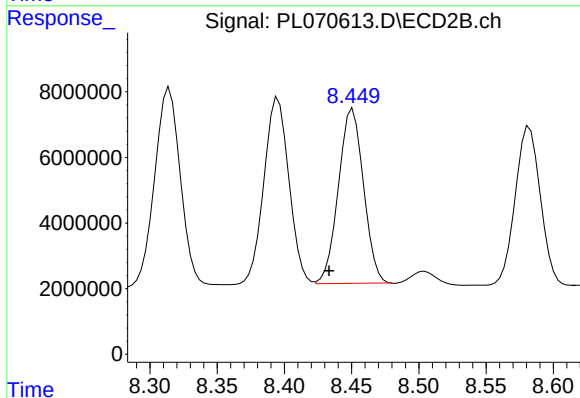
#9 Endosulfan I

R.T.: 7.465 min  
Delta R.T.: -0.002 min  
Response: 29253559  
Conc: 43.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

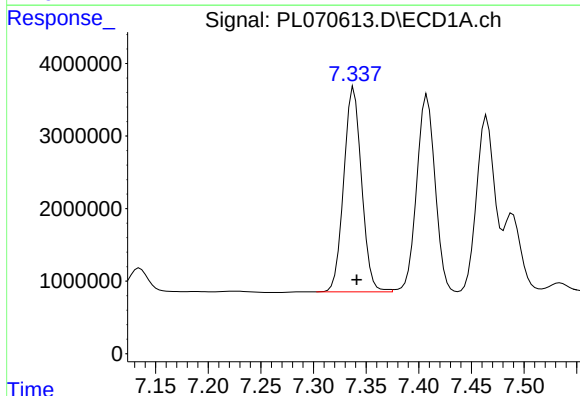
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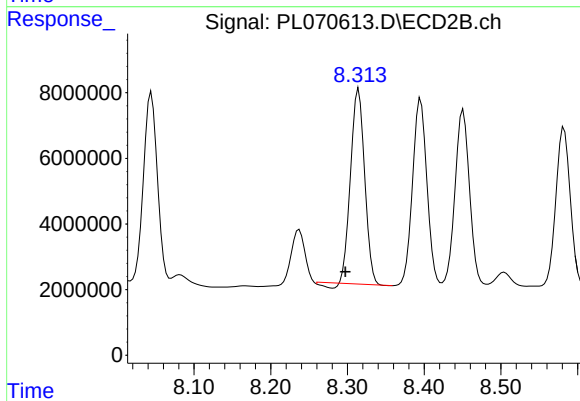
#9 Endosulfan I

R.T.: 8.451 min  
Delta R.T.: 0.018 min  
Response: 68914119  
Conc: 37.38 ng/ml



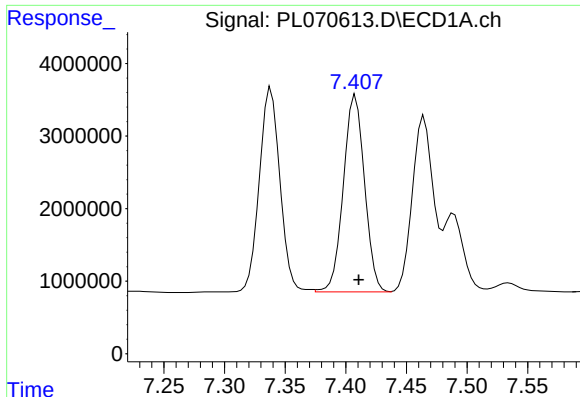
#10 gamma-Chlordane

R.T.: 7.338 min  
Delta R.T.: -0.002 min  
Response: 33327889  
Conc: 46.51 ng/ml



#10 gamma-Chlordane

R.T.: 8.315 min  
Delta R.T.: 0.018 min  
Response: 75787657  
Conc: 37.96 ng/ml



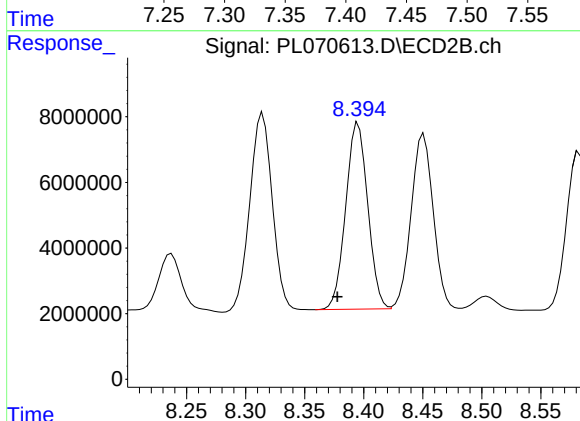
#11 alpha-Chlordane

R.T.: 7.408 min  
Delta R.T.: -0.003 min  
Response: 32964441  
Conc: 45.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

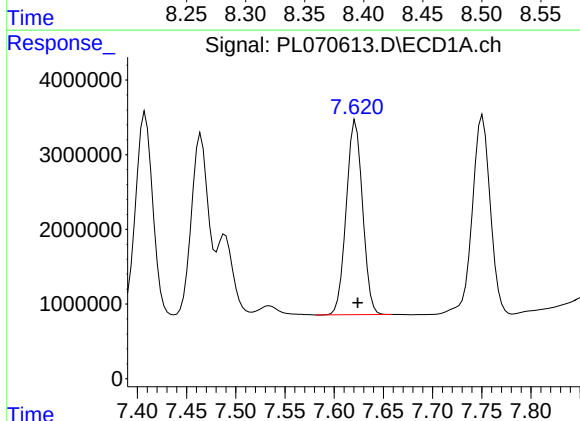
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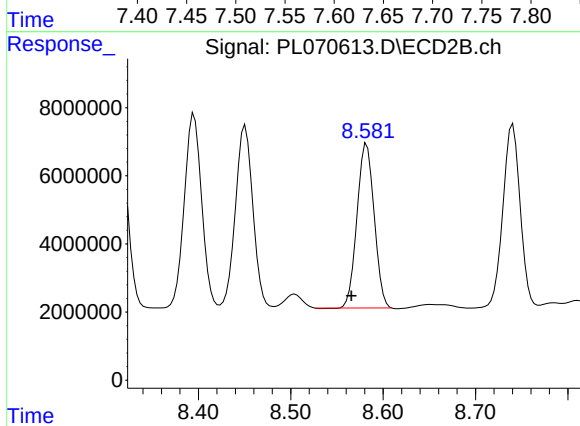
#11 alpha-Chlordane

R.T.: 8.395 min  
Delta R.T.: 0.018 min  
Response: 73829519  
Conc: 37.71 ng/ml



#12 4,4'-DDE

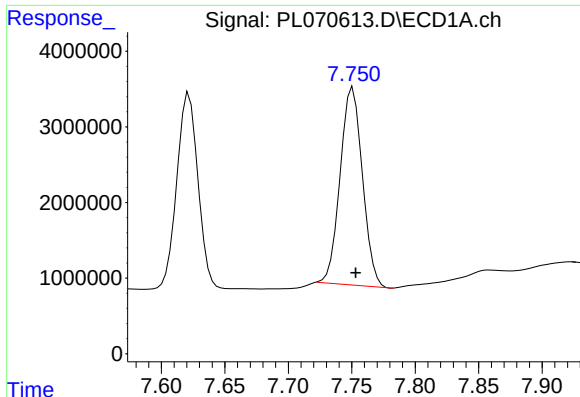
R.T.: 7.622 min  
Delta R.T.: -0.002 min  
Response: 30052354  
Conc: 46.36 ng/ml



#12 4,4'-DDE

R.T.: 8.582 min  
Delta R.T.: 0.017 min  
Response: 62248535  
Conc: 31.66 ng/ml





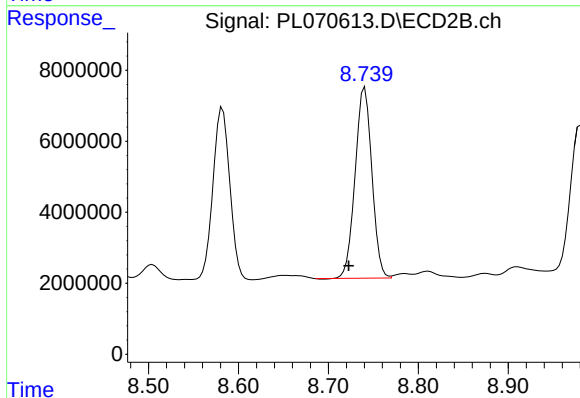
#13 Dieldrin

R.T.: 7.751 min  
Delta R.T.: -0.002 min  
Response: 31895224  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

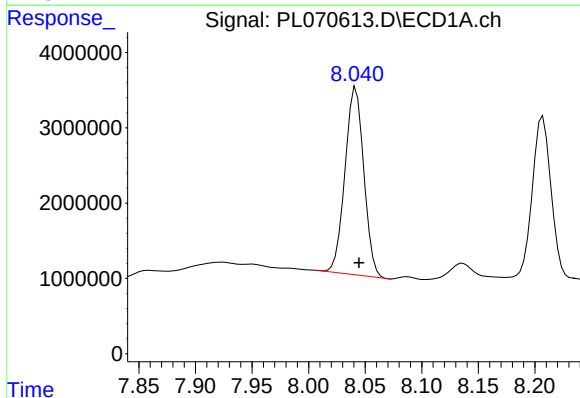
Manual Integrations  
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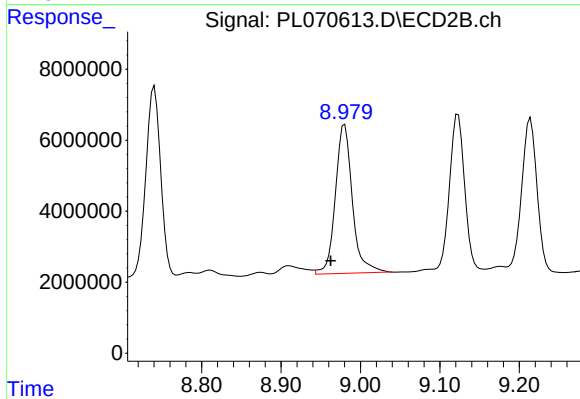
#13 Dieldrin

R.T.: 8.741 min  
Delta R.T.: 0.018 min  
Response: 69469780  
Conc: 36.35 ng/ml



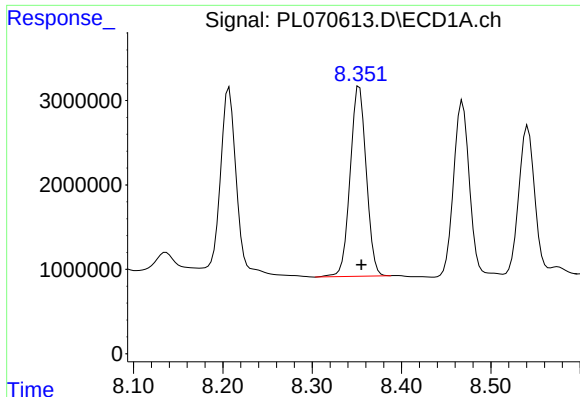
#14 Endrin

R.T.: 8.042 min  
Delta R.T.: -0.003 min  
Response: 28850251  
Conc: 44.59 ng/ml



#14 Endrin

R.T.: 8.980 min  
Delta R.T.: 0.017 min  
Response: 62489653  
Conc: 38.48 ng/ml



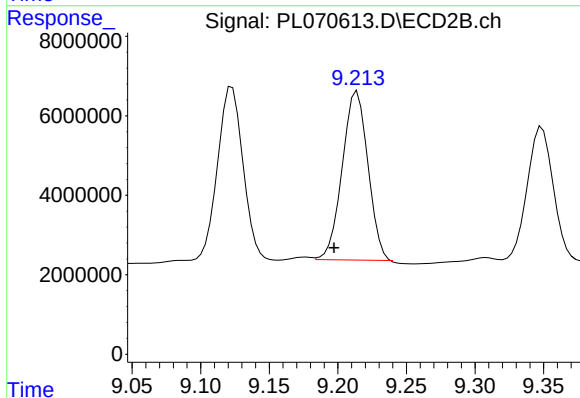
#15 Endosulfan II

R.T.: 8.353 min  
Delta R.T.: -0.002 min  
Response: 28165873  
Conc: 44.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

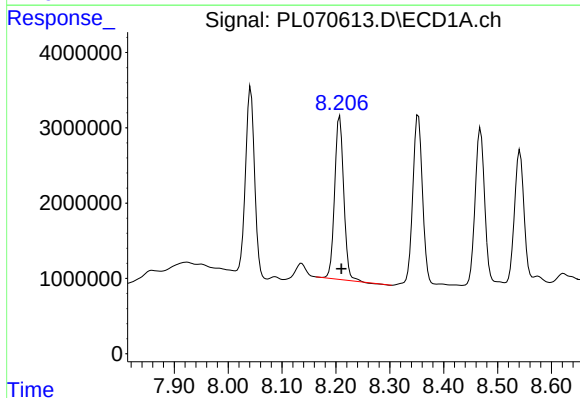
Manual Integrations  
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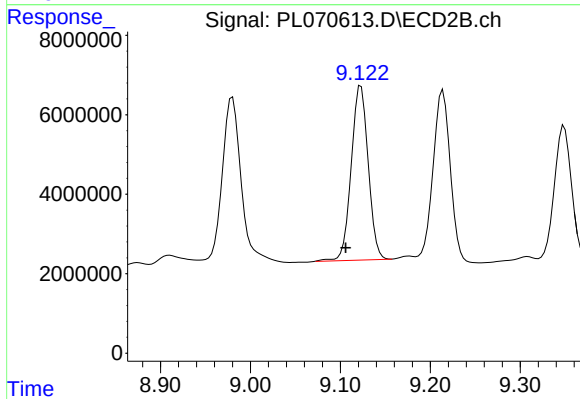
#15 Endosulfan II

R.T.: 9.214 min  
Delta R.T.: 0.017 min  
Response: 55454882  
Conc: 36.03 ng/ml



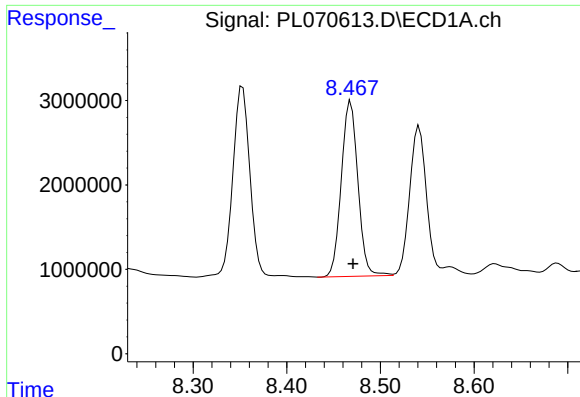
#16 4,4'-DDD

R.T.: 8.207 min  
Delta R.T.: -0.003 min  
Response: 25469445  
Conc: 44.76 ng/ml



#16 4,4'-DDD

R.T.: 9.123 min  
Delta R.T.: 0.017 min  
Response: 57502182  
Conc: 37.59 ng/ml



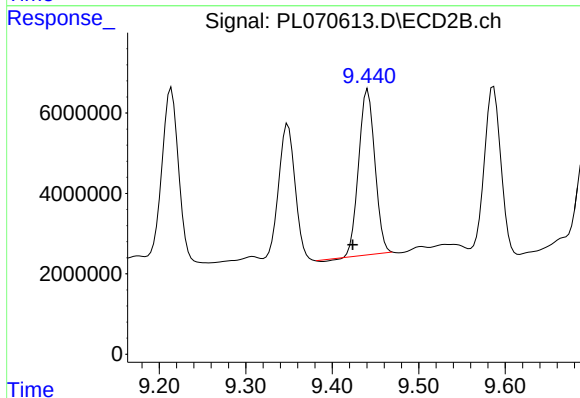
#17 4,4'-DDT

R.T.: 8.468 min  
Delta R.T.: -0.002 min  
Response: 25637598  
Conc: 40.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

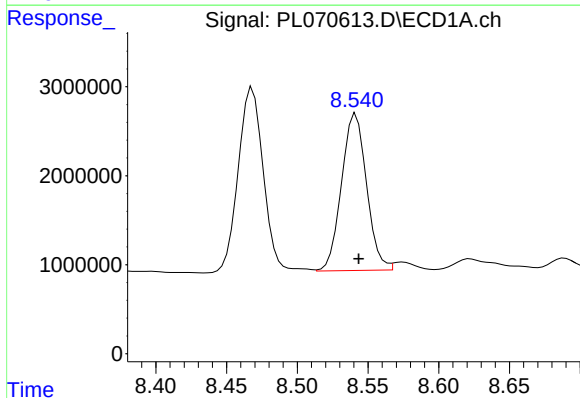
Manual Integrations  
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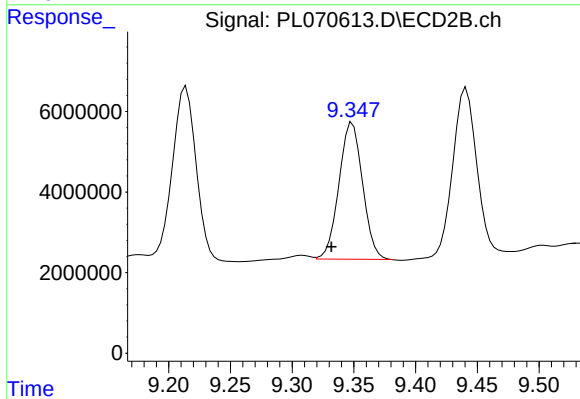
#17 4,4'-DDT

R.T.: 9.441 min  
Delta R.T.: 0.017 min  
Response: 53643615  
Conc: 31.05 ng/ml



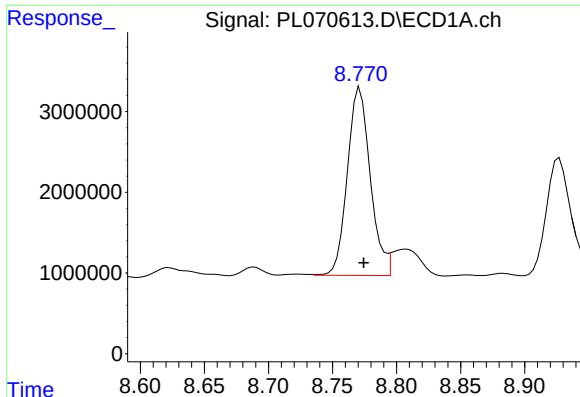
#18 Endrin aldehyde

R.T.: 8.541 min  
Delta R.T.: -0.002 min  
Response: 21772879  
Conc: 42.67 ng/ml



#18 Endrin aldehyde

R.T.: 9.349 min  
Delta R.T.: 0.017 min  
Response: 45228713  
Conc: 36.18 ng/ml



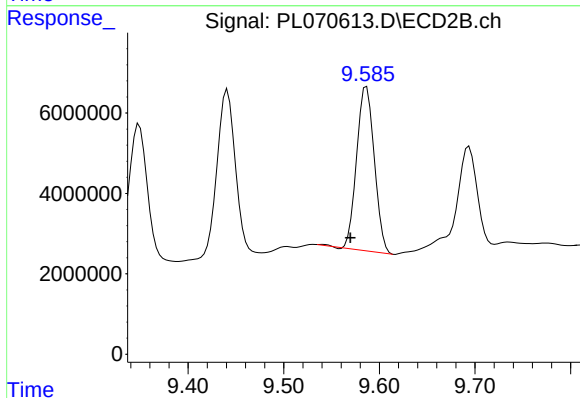
#19 Endosulfan Sulfate

R.T.: 8.772 min  
Delta R.T.: -0.003 min  
Response: 28947472  
Conc: 42.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

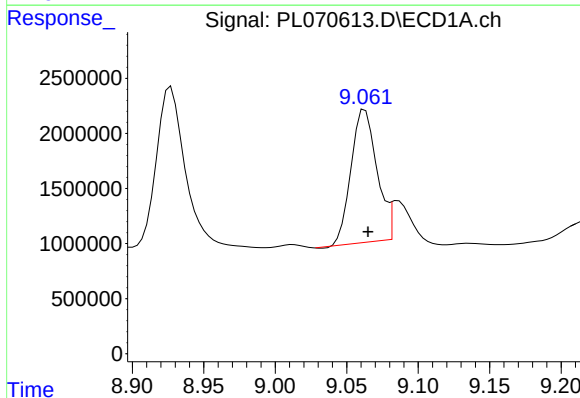
Manual Integrations  
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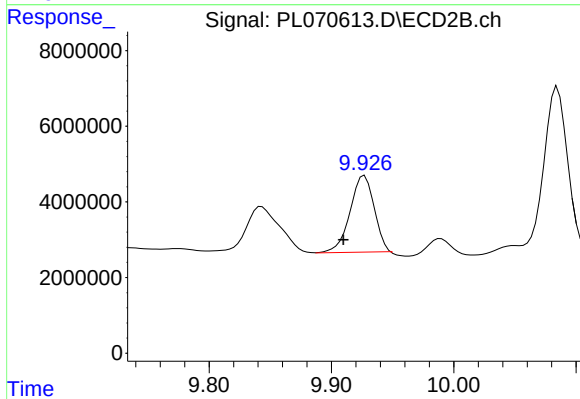
#19 Endosulfan Sulfate

R.T.: 9.587 min  
Delta R.T.: 0.017 min  
Response: 52376446  
Conc: 33.79 ng/ml



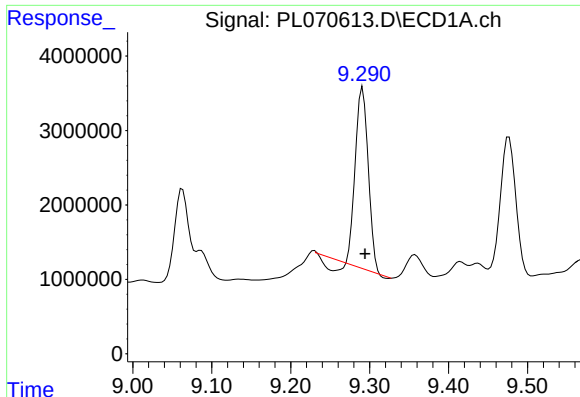
#20 Methoxychlor

R.T.: 9.063 min  
Delta R.T.: -0.002 min  
Response: 15101394  
Conc: 37.26 ng/ml



#20 Methoxychlor

R.T.: 9.927 min  
Delta R.T.: 0.017 min  
Response: 27894434  
Conc: 28.27 ng/ml



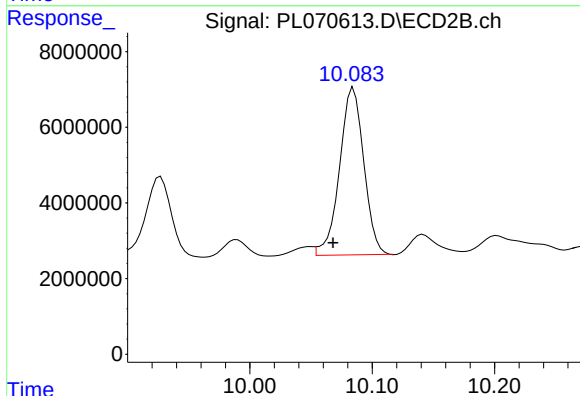
#21 Endrin ketone

R.T.: 9.291 min  
Delta R.T.: -0.003 min  
Response: 25317696  
Conc: 30.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

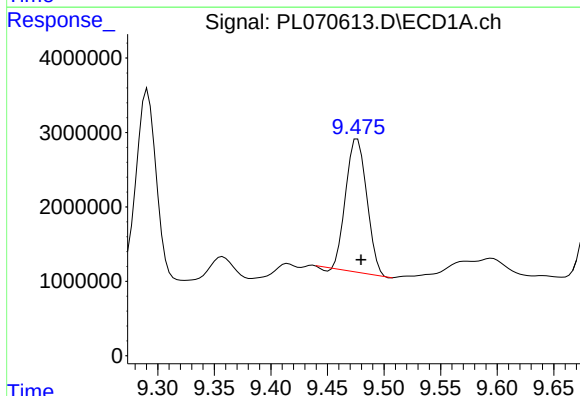
Manual Integrations  
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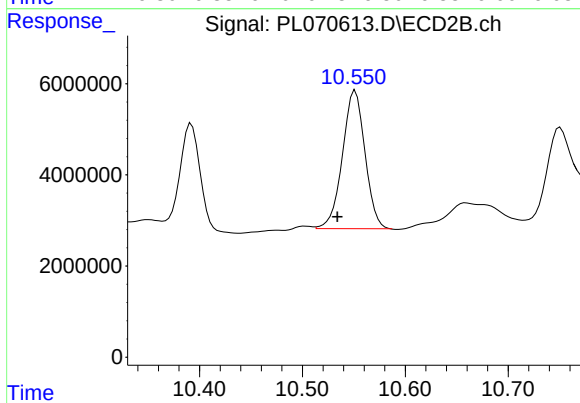
#21 Endrin ketone

R.T.: 10.085 min  
Delta R.T.: 0.017 min  
Response: 60906279  
Conc: 35.15 ng/ml



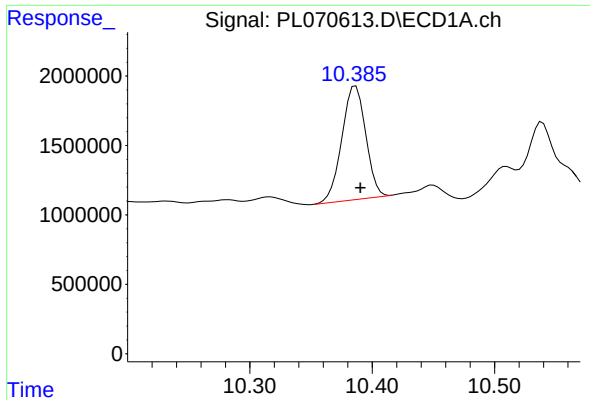
#22 Mirex

R.T.: 9.476 min  
Delta R.T.: -0.003 min  
Response: 23096585  
Conc: 33.84 ng/ml



#22 Mirex

R.T.: 10.551 min  
Delta R.T.: 0.017 min  
Response: 46243010  
Conc: 38.62 ng/ml



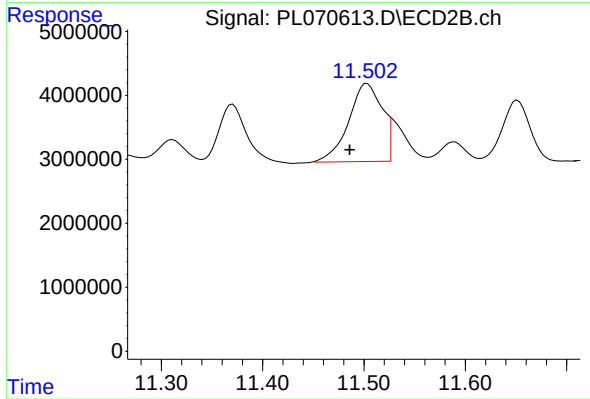
#28 Decachlorobiphenyl

R.T.: 10.387 min  
Delta R.T.: -0.004 min  
Response: 11097063  
Conc: 14.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-102621MS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.502 min  
Delta R.T.: 0.016 min  
Response: 27378429  
Conc: 18.98 ng/ml m