

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082621\  
 Data File : PL069479.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Aug 2021 12:41  
 Operator : AR\AJ  
 Sample : PB138489BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB138489BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 26 15:46:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 21 02:23:37 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... | 4.632  | 5.565  | 10877967 | 35697334 | 23.577 | 24.920  |
| 28)                         | SA Decachlor... | 10.397 | 11.485 | 14728131 | 28846825 | 21.821 | 23.537  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 5.338  | 6.146  | 27587862 | 99555185 | 43.098 | 50.895  |
| 3)                          | MA gamma-BHC... | 5.761  | 6.541  | 28012619 | 91268506 | 43.846 | 49.735  |
| 4)                          | MA Heptachlor   | 6.171  | 7.191  | 30151174 | 92599064 | 43.534 | 50.812  |
| 5)                          | MB Aldrin       | 6.495  | 7.561  | 28236866 | 80566491 | 45.764 | 48.473  |
| 6)                          | B beta-BHC      | 6.140  | 6.794  | 14268084 | 44415816 | 44.574 | 47.262  |
| 7)                          | B delta-BHC     | 6.401  | 7.062  | 27380134 | 90083005 | 44.042 | 48.775  |
| 8)                          | B Heptachlo...  | 7.071  | 8.027  | 27136265 | 71079756 | 43.716 | 47.253  |
| 9)                          | A Endosulfan I  | 7.475  | 8.433  | 26091401 | 67582001 | 44.071 | 48.862  |
| 10)                         | B gamma-Chl...  | 7.349  | 8.297  | 28171692 | 76200046 | 44.015 | 49.535  |
| 11)                         | B alpha-Chl...  | 7.419  | 8.377  | 28063856 | 72863136 | 43.069 | 48.765  |
| 12)                         | B 4,4'-DDE      | 7.632  | 8.565  | 24743638 | 70184306 | 43.750 | 50.173  |
| 13)                         | MA Dieldrin     | 7.761  | 8.722  | 26808968 | 69824503 | 44.149 | 49.725  |
| 14)                         | MA Endrin       | 8.052  | 8.960  | 25766298 | 59374157 | 44.614 | 50.586m |
| 15)                         | B Endosulfa...  | 8.362  | 9.195  | 24866296 | 62335565 | 44.755 | 52.679  |
| 16)                         | A 4,4'-DDD      | 8.217  | 9.103  | 21916822 | 57246304 | 43.094 | 46.671m |
| 17)                         | MA 4,4'-DDT     | 8.478  | 9.422  | 24606125 | 59606138 | 42.749 | 48.652  |
| 18)                         | B Endrin al...  | 8.550  | 9.329  | 21554836 | 51444076 | 47.524 | 54.082  |
| 19)                         | B Endosulfa...  | 8.780  | 9.567  | 26449903 | 59571808 | 44.550 | 52.435  |
| 20)                         | A Methoxychlor  | 9.072  | 9.907  | 15542172 | 30940129 | 41.496 | 48.194  |
| 21)                         | B Endrin ke...  | 9.299  | 10.065 | 30591886 | 62135709 | 44.088 | 48.025  |
| 22)                         | Mirex           | 9.487  | 10.532 | 25729817 | 46217117 | 43.260 | 49.314  |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082621\  
Data File : PL069479.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Aug 2021 12:41  
Operator : AR\AJ  
Sample : PB138489BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

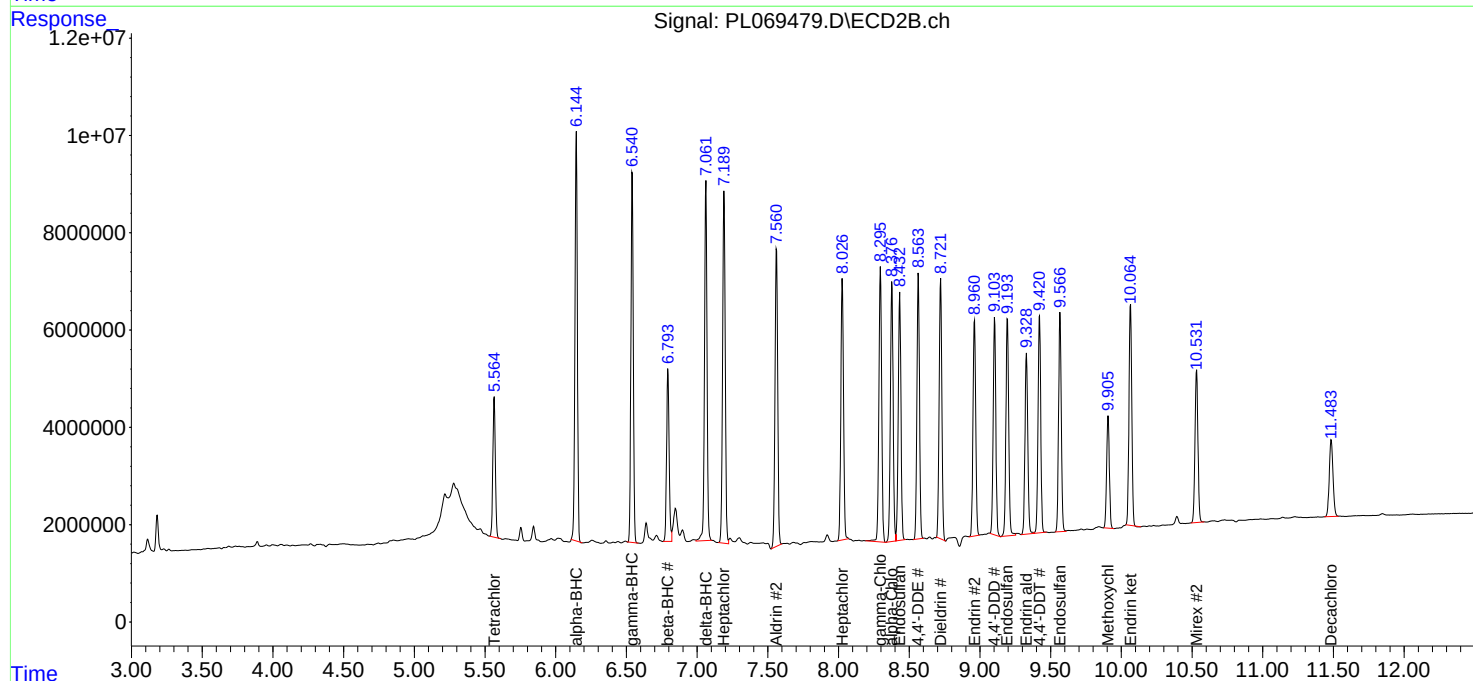
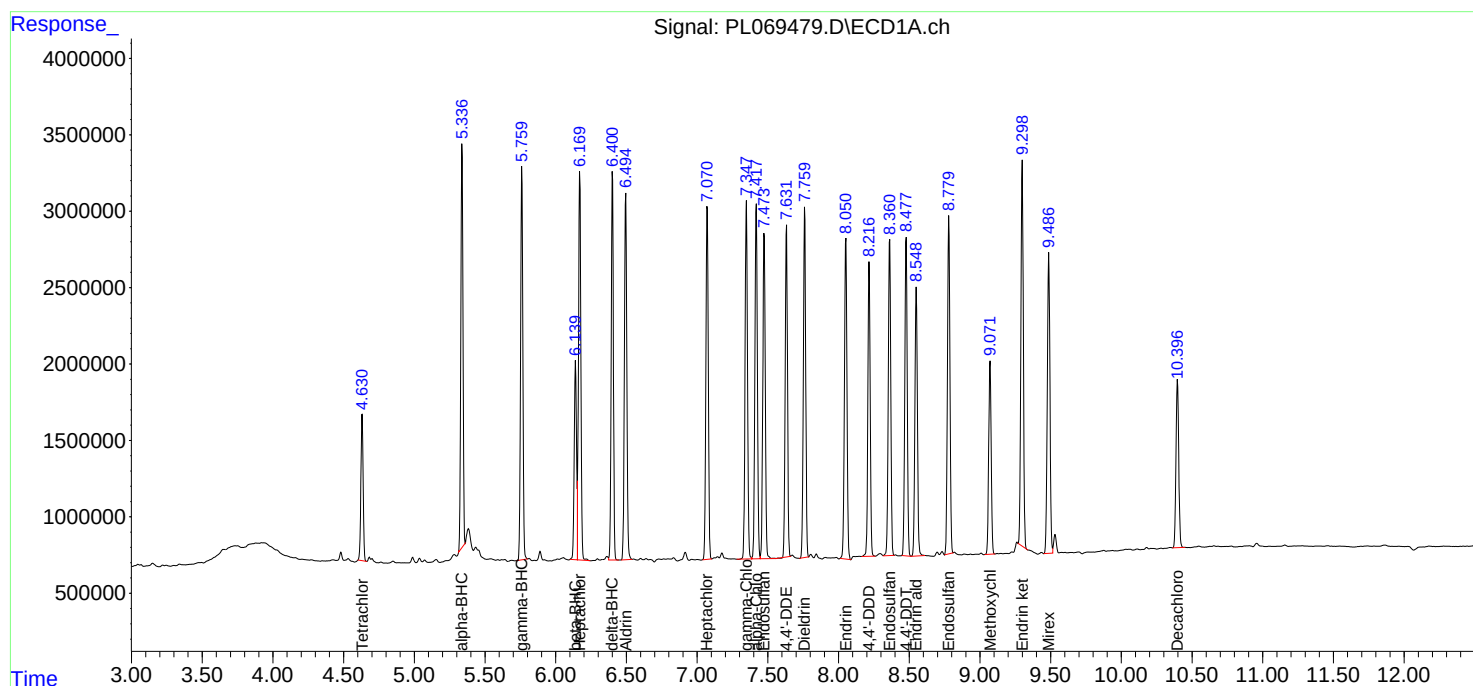
Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

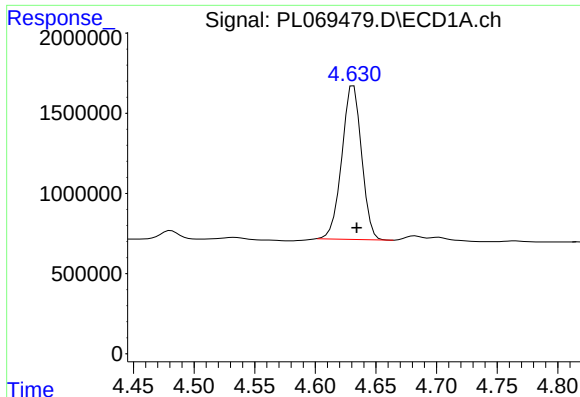
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 26 15:46:50 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
Quant Title : GC Extractables  
QLast Update : Sat Aug 21 02:23:37 2021  
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





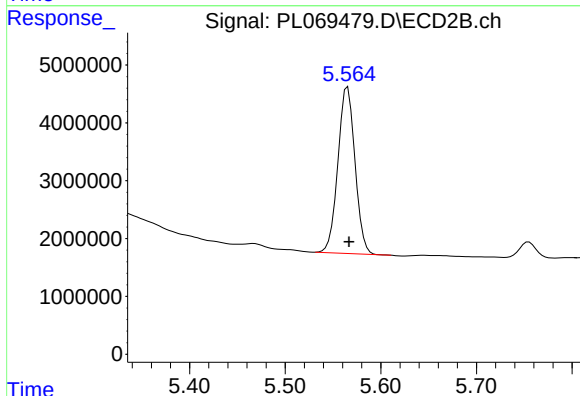
#1 Tetrachloro-m-xylene

R.T.: 4.632 min  
Delta R.T.: -0.003 min  
Response: 10877967  
Conc: 23.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

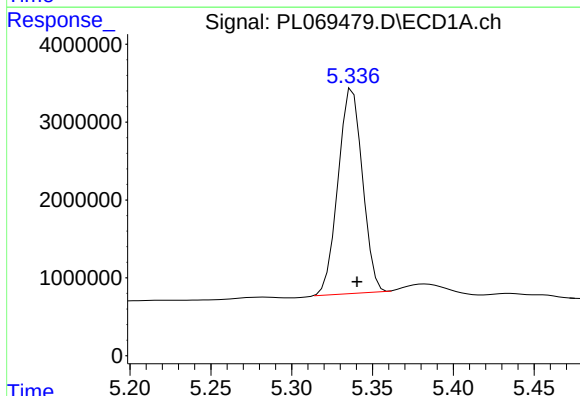
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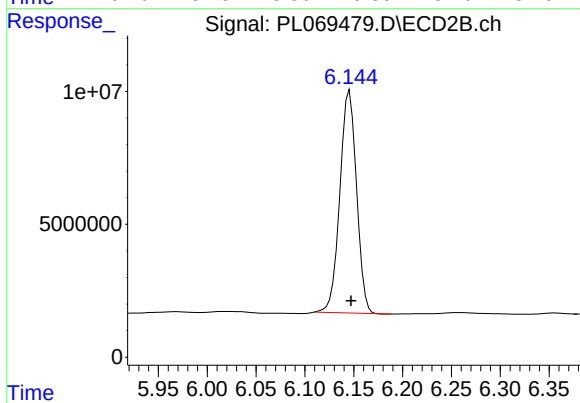
#1 Tetrachloro-m-xylene

R.T.: 5.565 min  
Delta R.T.: -0.001 min  
Response: 35697334  
Conc: 24.92 ng/ml



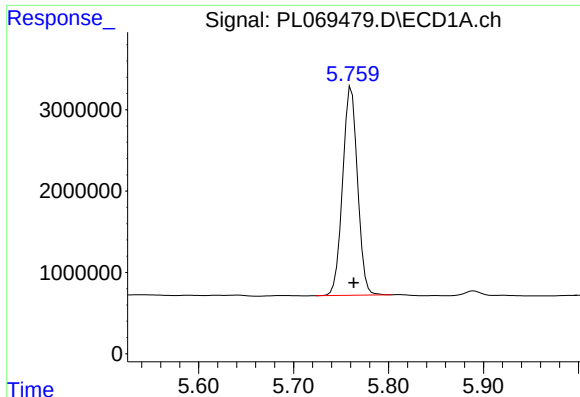
#2 alpha-BHC

R.T.: 5.338 min  
Delta R.T.: -0.003 min  
Response: 27587862  
Conc: 43.10 ng/ml



#2 alpha-BHC

R.T.: 6.146 min  
Delta R.T.: -0.001 min  
Response: 99555185  
Conc: 50.90 ng/ml



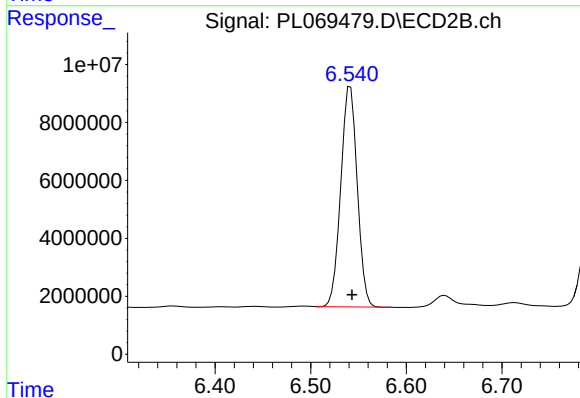
#3 gamma-BHC (Lindane)

R.T.: 5.761 min  
Delta R.T.: -0.003 min  
Response: 28012619  
Conc: 43.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

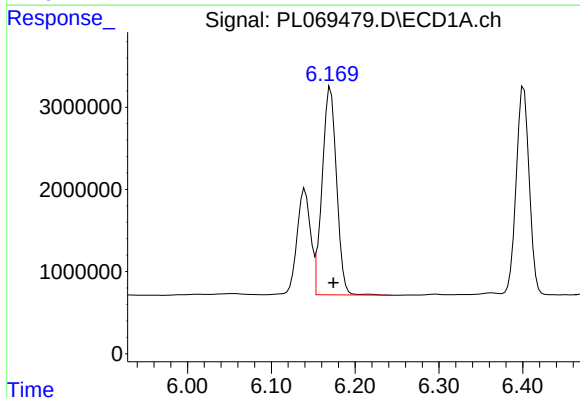
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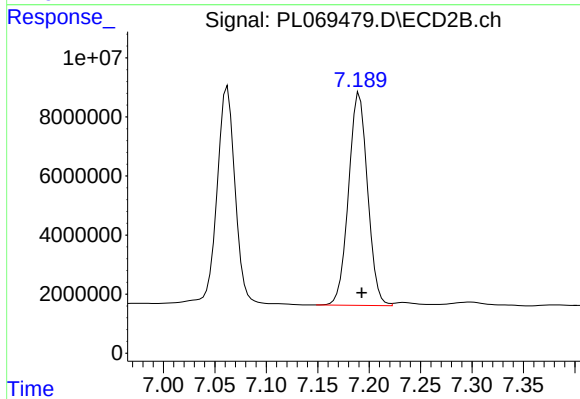
#3 gamma-BHC (Lindane)

R.T.: 6.541 min  
Delta R.T.: -0.002 min  
Response: 91268506  
Conc: 49.74 ng/ml



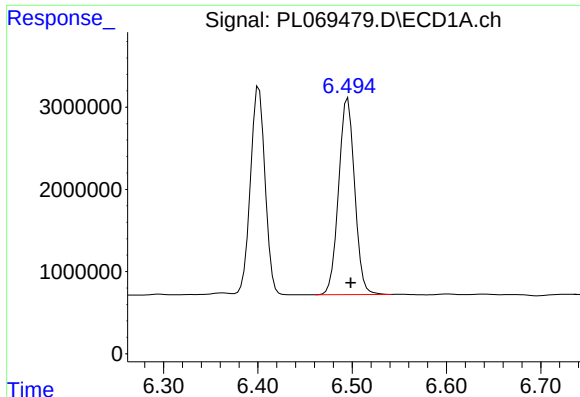
#4 Heptachlor

R.T.: 6.171 min  
Delta R.T.: -0.003 min  
Response: 30151174  
Conc: 43.53 ng/ml



#4 Heptachlor

R.T.: 7.191 min  
Delta R.T.: -0.002 min  
Response: 92599064  
Conc: 50.81 ng/ml



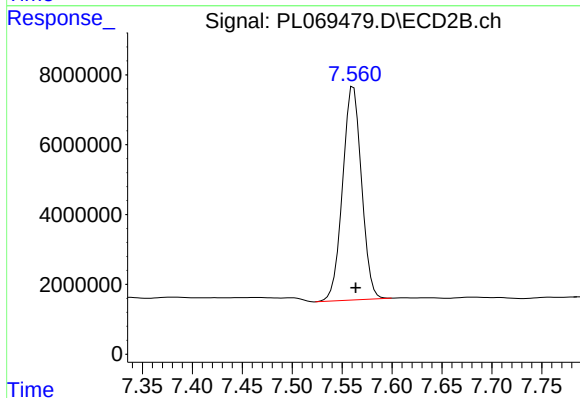
#5 Aldrin

R.T.: 6.495 min  
Delta R.T.: -0.003 min  
Response: 28236866  
Conc: 45.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

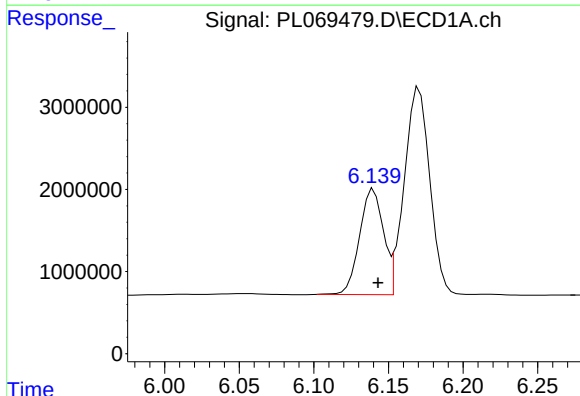
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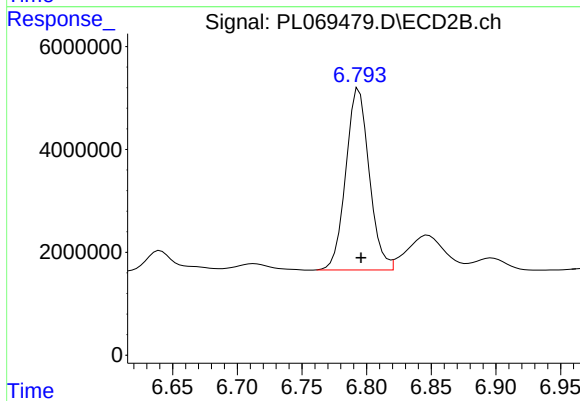
#5 Aldrin

R.T.: 7.561 min  
Delta R.T.: -0.002 min  
Response: 80566491  
Conc: 48.47 ng/ml



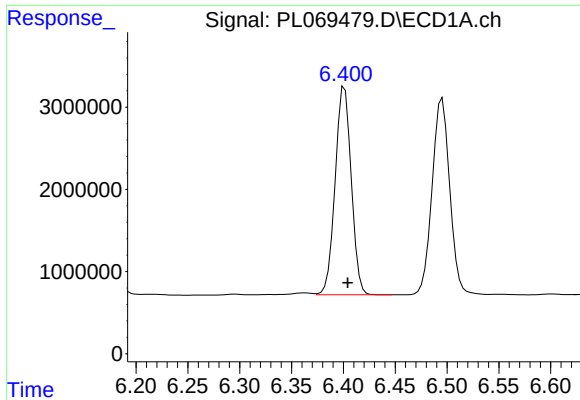
#6 beta-BHC

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 14268084  
Conc: 44.57 ng/ml



#6 beta-BHC

R.T.: 6.794 min  
Delta R.T.: -0.002 min  
Response: 44415816  
Conc: 47.26 ng/ml



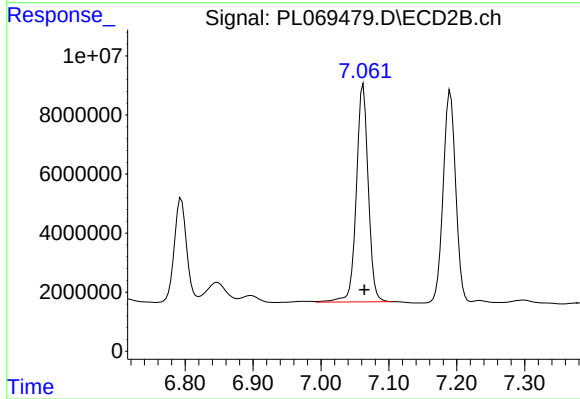
#7 delta-BHC

R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 27380134  
Conc: 44.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

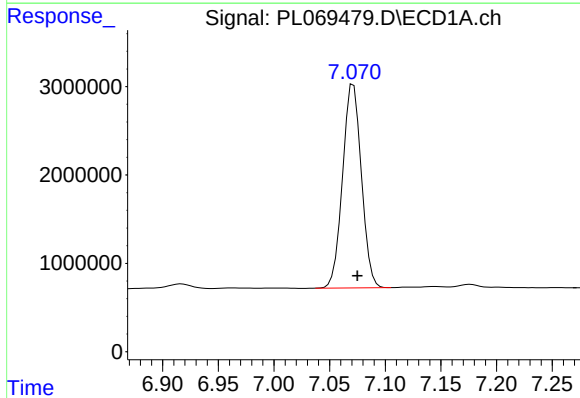
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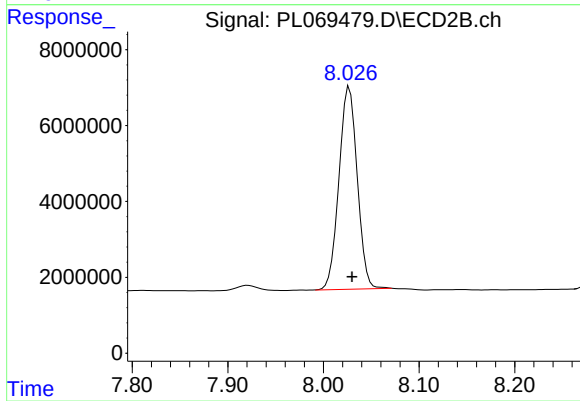
#7 delta-BHC

R.T.: 7.062 min  
Delta R.T.: -0.002 min  
Response: 90083005  
Conc: 48.77 ng/ml



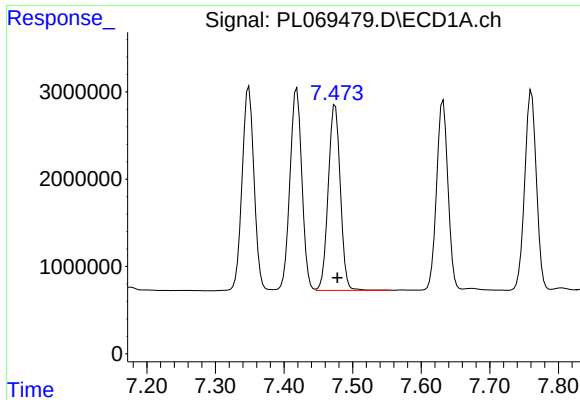
#8 Heptachlor epoxide

R.T.: 7.071 min  
Delta R.T.: -0.004 min  
Response: 27136265  
Conc: 43.72 ng/ml



#8 Heptachlor epoxide

R.T.: 8.027 min  
Delta R.T.: -0.003 min  
Response: 71079756  
Conc: 47.25 ng/ml



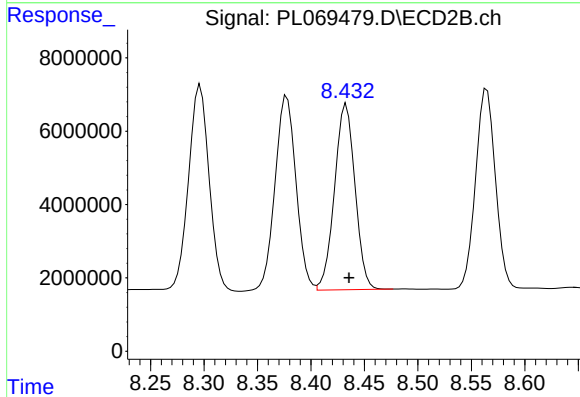
#9 Endosulfan I

R.T.: 7.475 min  
Delta R.T.: -0.003 min  
Response: 26091401  
Conc: 44.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

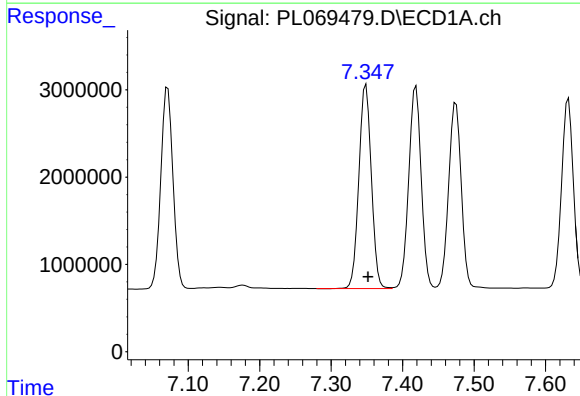
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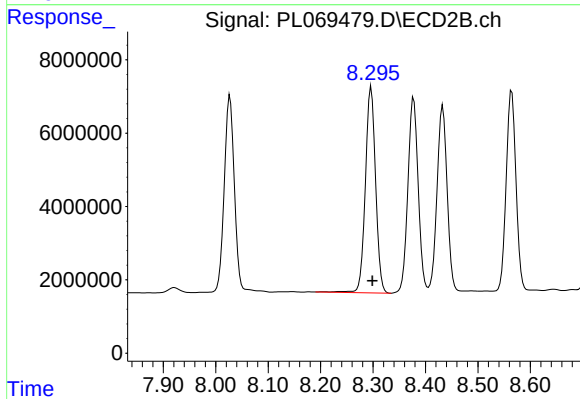
#9 Endosulfan I

R.T.: 8.433 min  
Delta R.T.: -0.003 min  
Response: 67582001  
Conc: 48.86 ng/ml



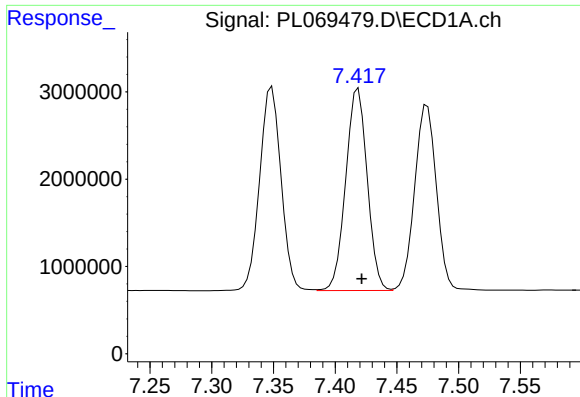
#10 gamma-Chlordane

R.T.: 7.349 min  
Delta R.T.: -0.003 min  
Response: 28171692  
Conc: 44.01 ng/ml



#10 gamma-Chlordane

R.T.: 8.297 min  
Delta R.T.: -0.002 min  
Response: 76200046  
Conc: 49.53 ng/ml



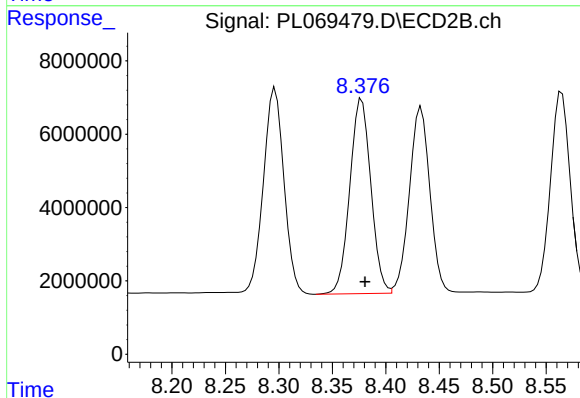
#11 alpha-Chlordane

R.T.: 7.419 min  
Delta R.T.: -0.003 min  
Response: 28063856  
Conc: 43.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

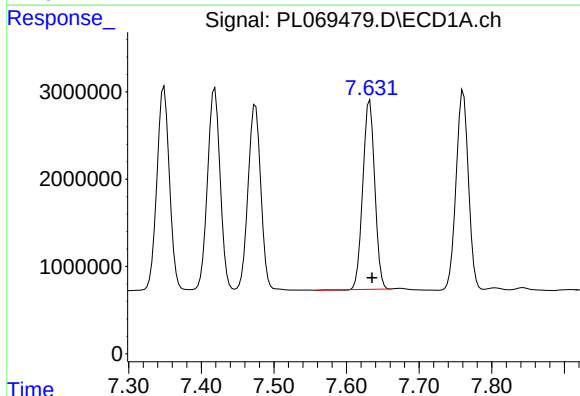
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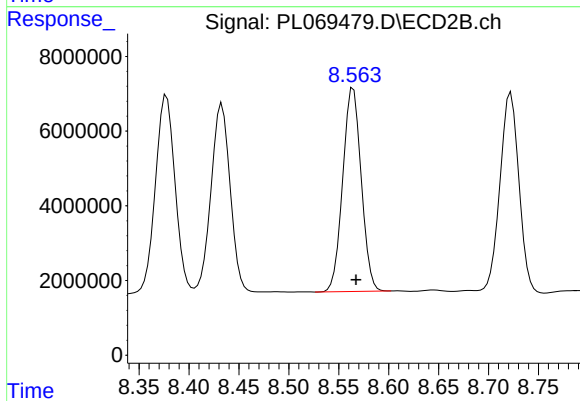
#11 alpha-Chlordane

R.T.: 8.377 min  
Delta R.T.: -0.003 min  
Response: 72863136  
Conc: 48.76 ng/ml



#12 4,4'-DDE

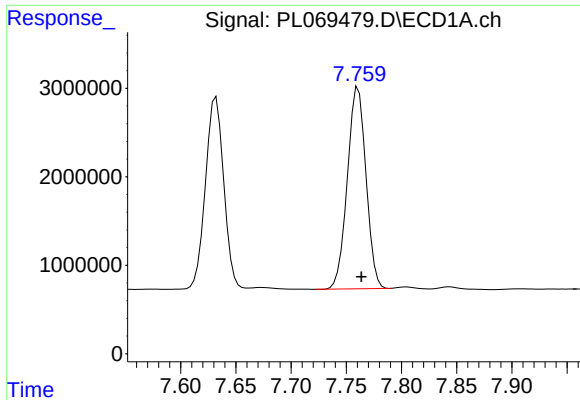
R.T.: 7.632 min  
Delta R.T.: -0.003 min  
Response: 24743638  
Conc: 43.75 ng/ml



#12 4,4'-DDE

R.T.: 8.565 min  
Delta R.T.: -0.003 min  
Response: 70184306  
Conc: 50.17 ng/ml





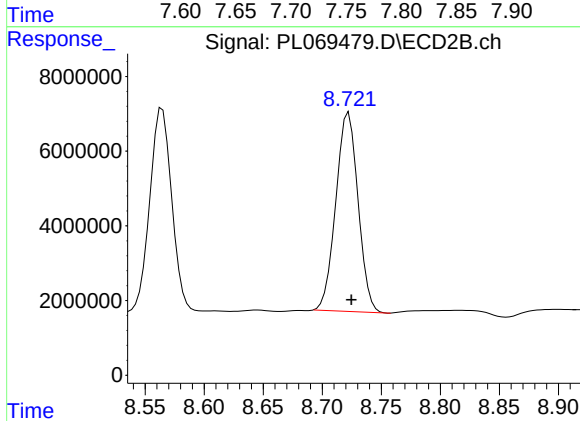
#13 Dieldrin

R.T.: 7.761 min  
Delta R.T.: -0.003 min  
Response: 26808968  
Conc: 44.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

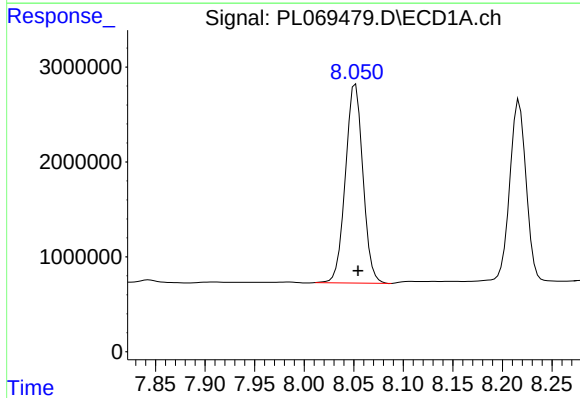
Manual Integrations  
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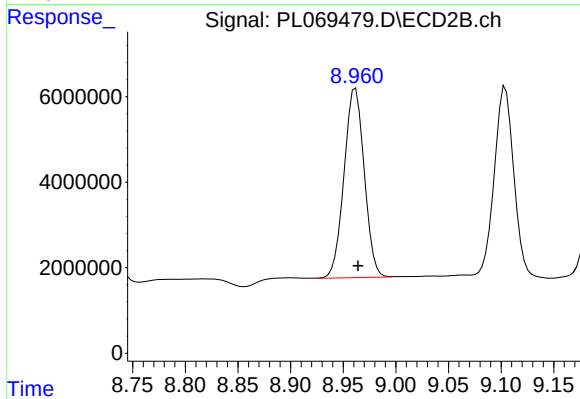
#13 Dieldrin

R.T.: 8.722 min  
Delta R.T.: -0.002 min  
Response: 69824503  
Conc: 49.73 ng/ml



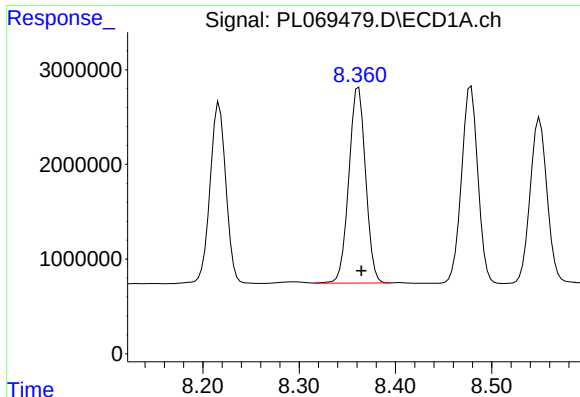
#14 Endrin

R.T.: 8.052 min  
Delta R.T.: -0.002 min  
Response: 25766298  
Conc: 44.61 ng/ml



#14 Endrin

R.T.: 8.960 min  
Delta R.T.: -0.004 min  
Response: 59374157  
Conc: 50.59 ng/ml m



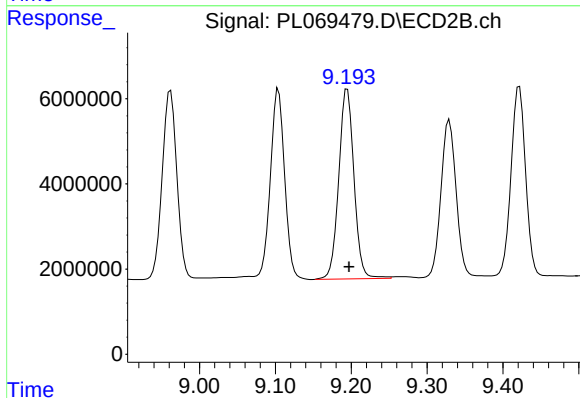
#15 Endosulfan II

R.T.: 8.362 min  
Delta R.T.: -0.003 min  
Response: 24866296  
Conc: 44.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

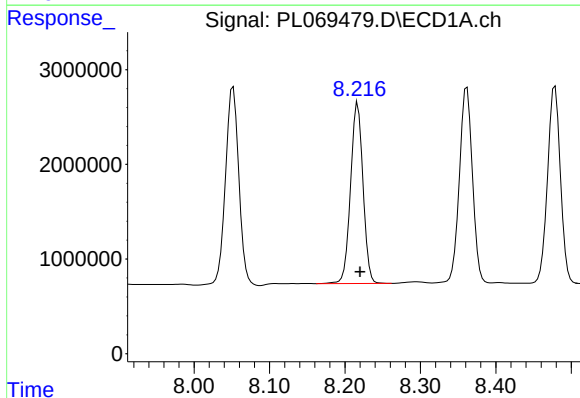
Manual Integrations  
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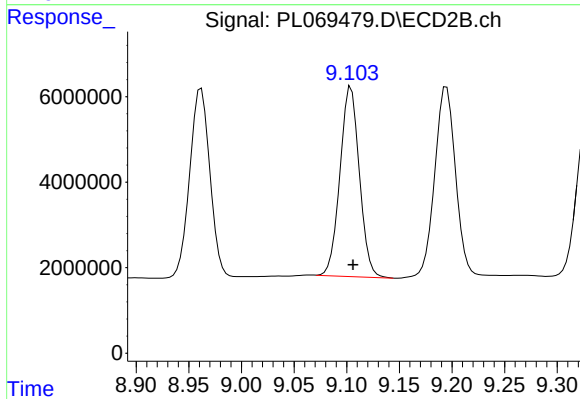
#15 Endosulfan II

R.T.: 9.195 min  
Delta R.T.: -0.002 min  
Response: 62335565  
Conc: 52.68 ng/ml



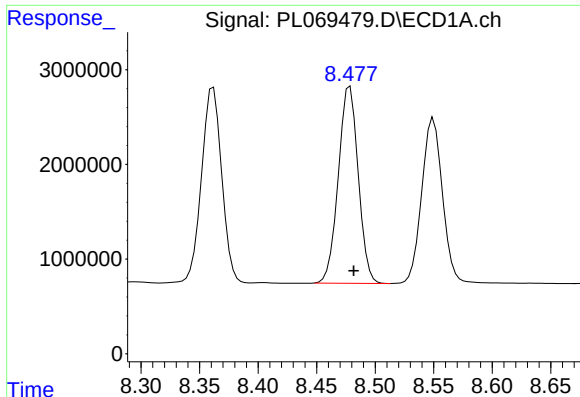
#16 4,4'-DDD

R.T.: 8.217 min  
Delta R.T.: -0.003 min  
Response: 21916822  
Conc: 43.09 ng/ml



#16 4,4'-DDD

R.T.: 9.103 min  
Delta R.T.: -0.004 min  
Response: 57246304  
Conc: 46.67 ng/ml m



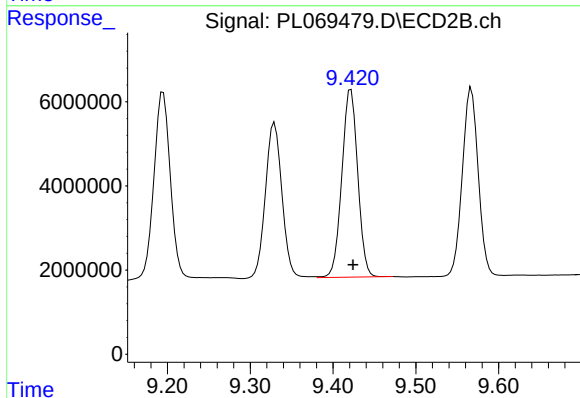
#17 4,4'-DDT

R.T.: 8.478 min  
Delta R.T.: -0.003 min  
Response: 24606125  
Conc: 42.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

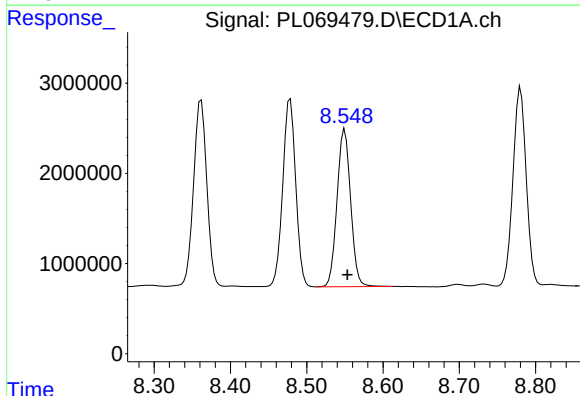
Manual Integrations  
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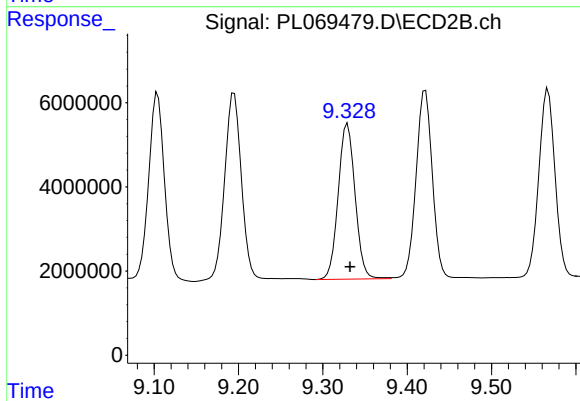
#17 4,4'-DDT

R.T.: 9.422 min  
Delta R.T.: -0.002 min  
Response: 59606138  
Conc: 48.65 ng/ml



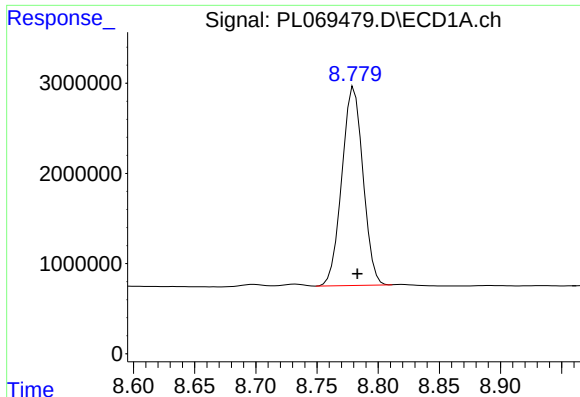
#18 Endrin aldehyde

R.T.: 8.550 min  
Delta R.T.: -0.003 min  
Response: 21554836  
Conc: 47.52 ng/ml



#18 Endrin aldehyde

R.T.: 9.329 min  
Delta R.T.: -0.003 min  
Response: 51444076  
Conc: 54.08 ng/ml



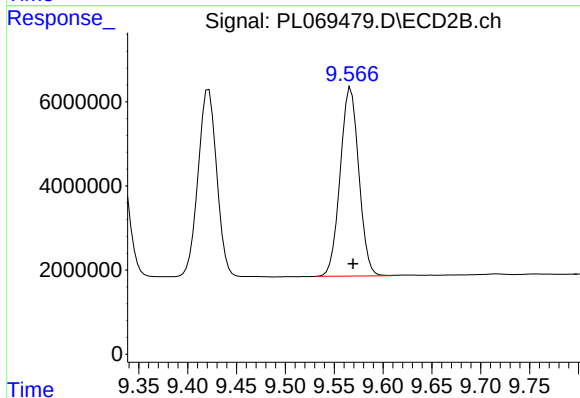
#19 Endosulfan Sulfate

R.T.: 8.780 min  
Delta R.T.: -0.003 min  
Response: 26449903  
Conc: 44.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

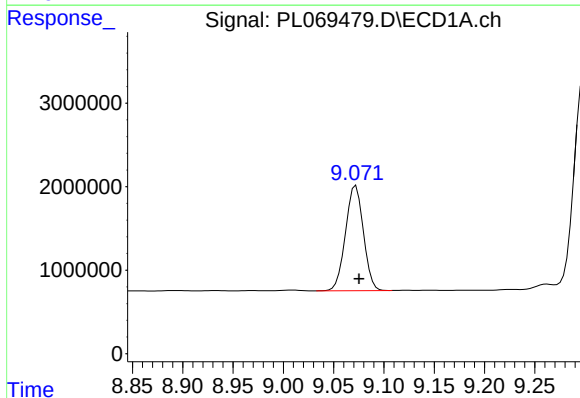
Manual Integrations  
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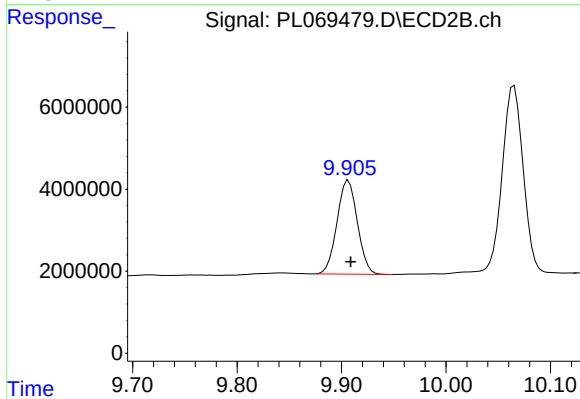
#19 Endosulfan Sulfate

R.T.: 9.567 min  
Delta R.T.: -0.002 min  
Response: 59571808  
Conc: 52.44 ng/ml



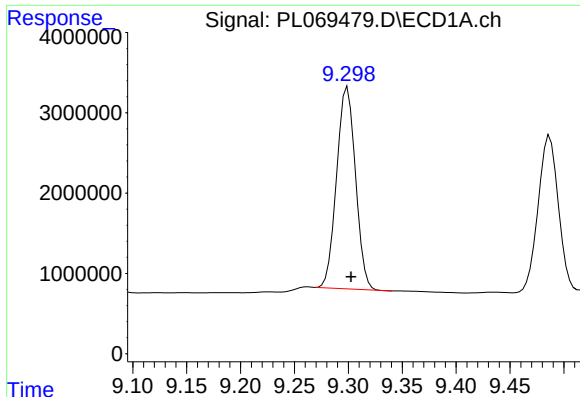
#20 Methoxychlor

R.T.: 9.072 min  
Delta R.T.: -0.003 min  
Response: 15542172  
Conc: 41.50 ng/ml



#20 Methoxychlor

R.T.: 9.907 min  
Delta R.T.: -0.002 min  
Response: 30940129  
Conc: 48.19 ng/ml



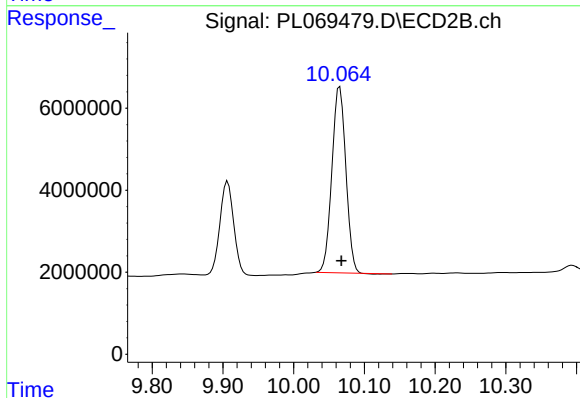
#21 Endrin ketone

R.T.: 9.299 min  
Delta R.T.: -0.003 min  
Response: 30591886  
Conc: 44.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

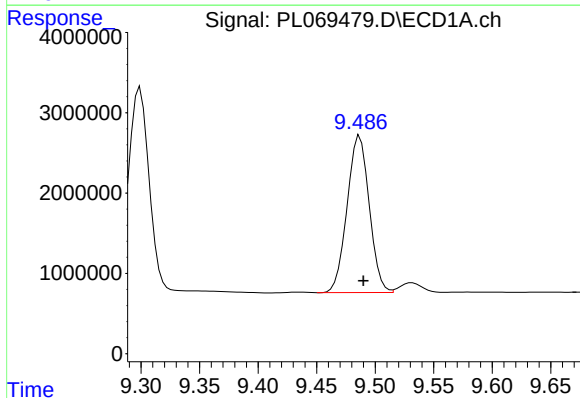
Manual Integrations  
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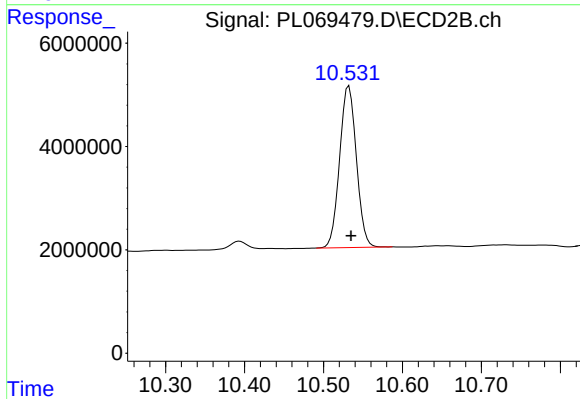
#21 Endrin ketone

R.T.: 10.065 min  
Delta R.T.: -0.002 min  
Response: 62135709  
Conc: 48.03 ng/ml



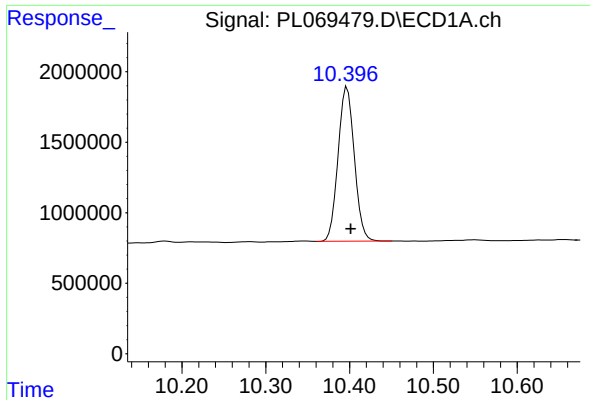
#22 Mirex

R.T.: 9.487 min  
Delta R.T.: -0.003 min  
Response: 25729817  
Conc: 43.26 ng/ml



#22 Mirex

R.T.: 10.532 min  
Delta R.T.: -0.003 min  
Response: 46217117  
Conc: 49.31 ng/ml



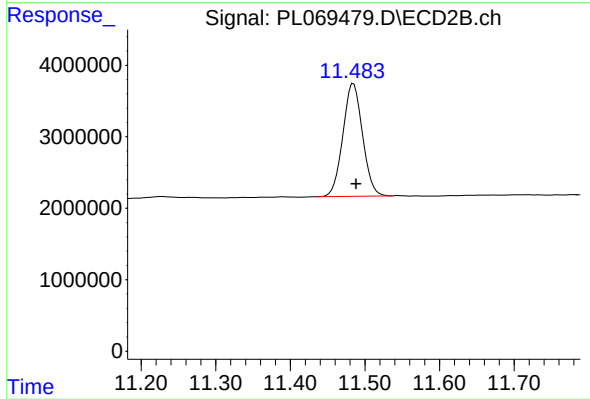
#28 Decachlorobiphenyl

R.T.: 10.397 min  
Delta R.T.: -0.004 min  
Response: 14728131  
Conc: 21.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138489BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.485 min  
Delta R.T.: -0.003 min  
Response: 28846825  
Conc: 23.54 ng/ml