

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052822\  
 Data File : PL075200.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 May 2022 01:26  
 Operator : AR\AJ  
 Sample : N3027-01RE 10X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-03-052422

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/31/2022  
 Supervised By :Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 03:01:35 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 31 02:52:42 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  | 4.642  | 8757906  | 25234273 | 14.901  | 15.929  |
| 28)                         | SA Decachlor... | 11.641 | 10.392 | 13335397 | 28644052 | 24.871  | 20.874  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 8)                          | B Heptachlo...  | 8.122  | 7.071  | 2693203  | 3660065  | 3.945m  | 2.003 # |
| 9)                          | A Endosulfan I  | 8.530  | 7.475  | 1673968  | 3029981  | 2.665   | 1.793 # |
| 10)                         | B gamma-Chl...  | 8.390  | 7.346  | 2846892  | 5815291  | 4.221m  | 3.162m# |
| 11)                         | B alpha-Chl...  | 8.472  | 7.417  | 2231263  | 6358844  | 3.293m  | 3.480   |
| 12)                         | B 4,4'-DDE      | 8.656  | 7.629  | 2322731  | 6994204  | 3.993   | 4.294m  |
| 13)                         | MA Dieldrin     | 8.820  | 7.760  | 2285872  | 6706176  | 3.607   | 3.865   |
| 14)                         | MA Endrin       | 9.061  | 8.049  | 1917912  | 4775484  | 3.612   | 3.068m  |
| 15)                         | B Endosulfa...  | 9.295  | 8.359  | 2954381  | 6592615  | 5.234   | 4.187   |
| 16)                         | A 4,4'-DDD      | 9.201  | 8.213  | 2691061  | 5269565  | 5.441   | 3.942 # |
| 17)                         | MA 4,4'-DDT     | 9.520  | 8.473  | 2816609  | 6688667  | 4.836m  | 4.677   |
| 18)                         | B Endrin al...  | 9.429  | 8.546  | 1137565  | 1338730  | 2.588m  | 1.110m# |
| 19)                         | B Endosulfa...  | 9.669  | 8.778  | 3196830  | 7800205  | 5.747   | 5.211   |
| 20)                         | A Methoxychlor  | 10.007 | 9.067  | 1617583  | 3808311  | 5.281   | 4.690m  |
| 21)                         | B Endrin ke...  | 10.178 | 9.295  | 6417106  | 6539653  | 10.452m | 4.089m# |
| 22)                         | Mirex           | 10.644 | 9.485  | 2946827  | 4911476  | 6.079   | 3.862 # |
| -----                       |                 |        |        |          |          |         |         |

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

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 Sample : N3027-01RE 10X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

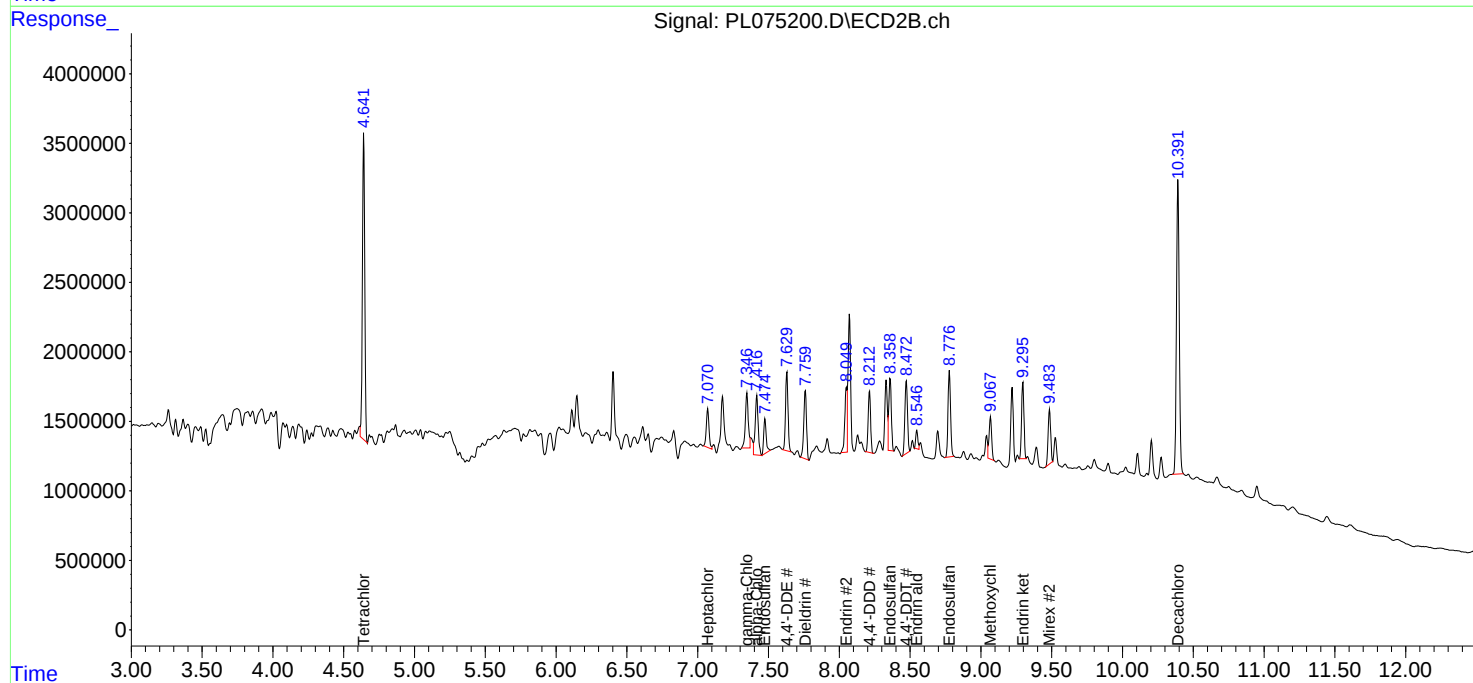
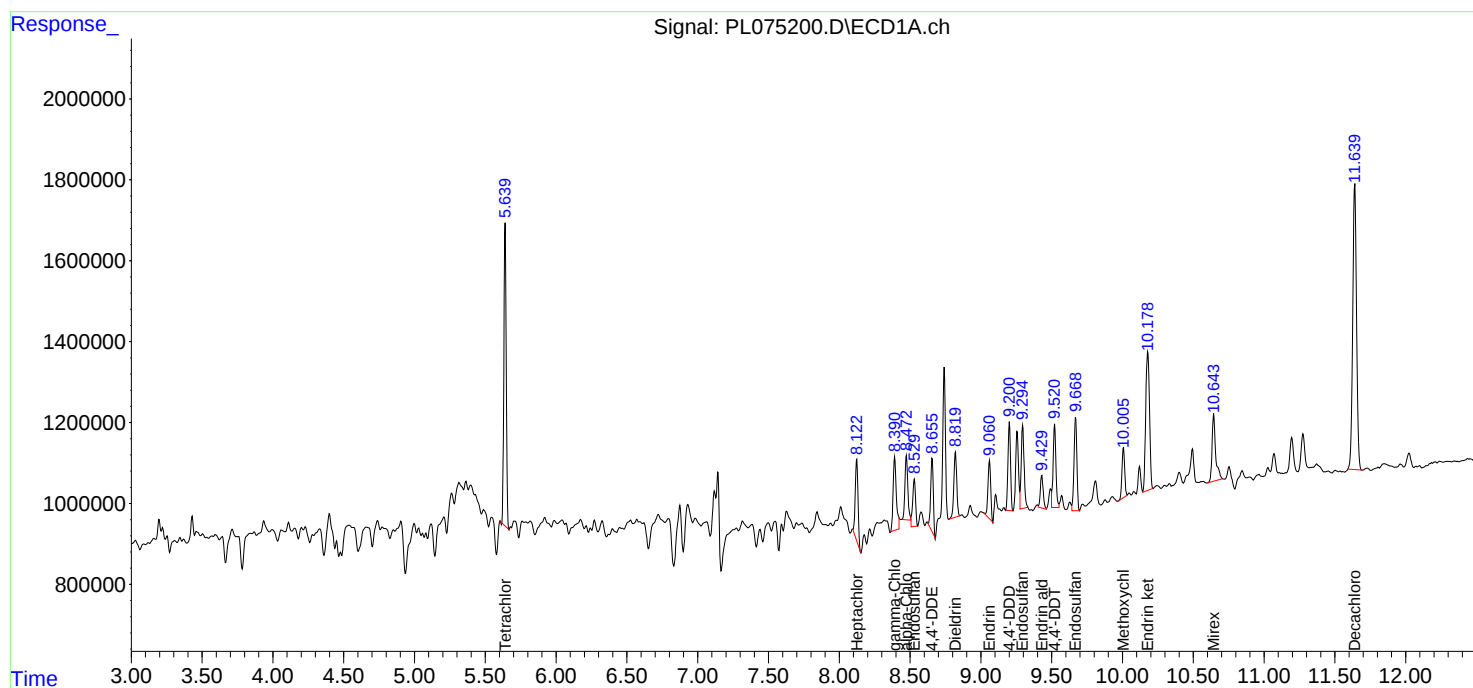
Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-03-052422

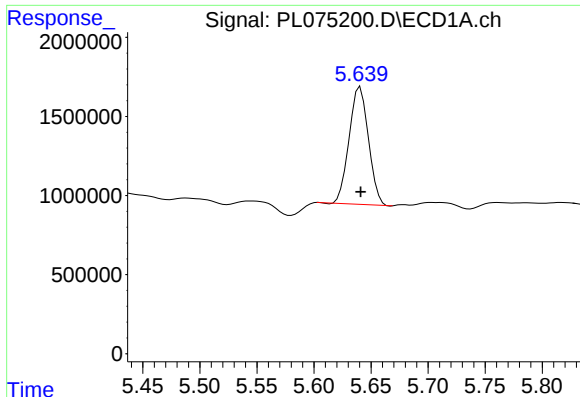
### Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
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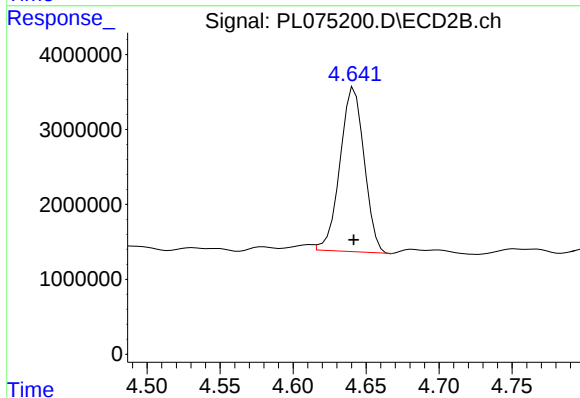
#1 Tetrachloro-m-xylene

R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 8757906  
Conc: 14.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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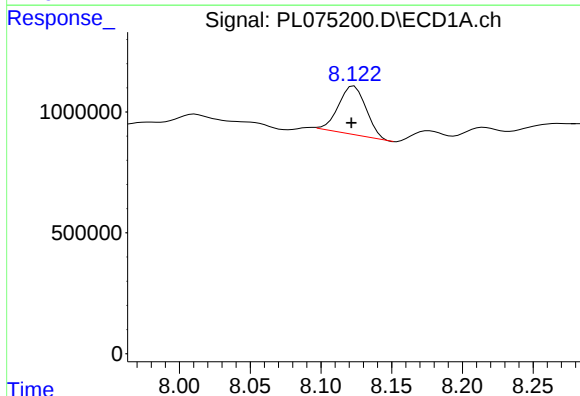
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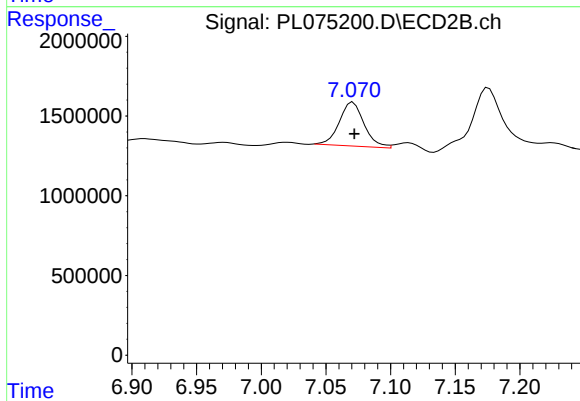
#1 Tetrachloro-m-xylene

R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 25234273  
Conc: 15.93 ng/ml



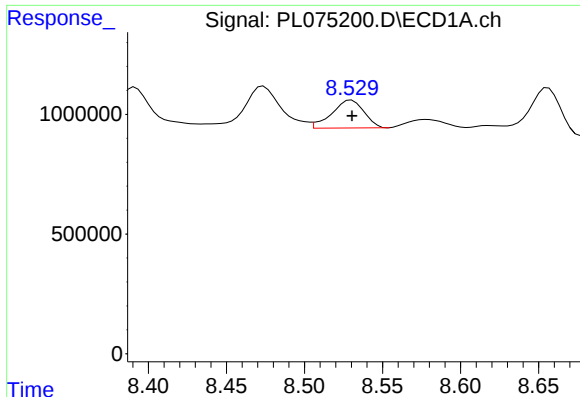
#8 Heptachlor epoxide

R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 2693203  
Conc: 3.94 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.071 min  
Delta R.T.: -0.001 min  
Response: 3660065  
Conc: 2.00 ng/ml



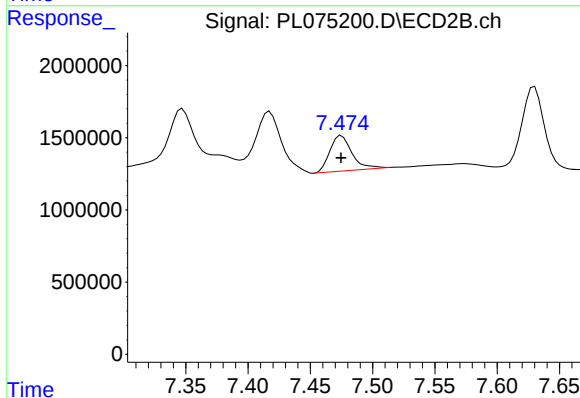
#9 Endosulfan I

R.T.: 8.530 min  
Delta R.T.: 0.000 min  
Response: 1673968  
Conc: 2.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-052422

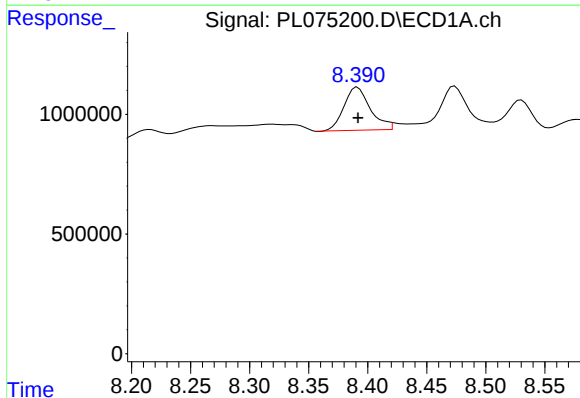
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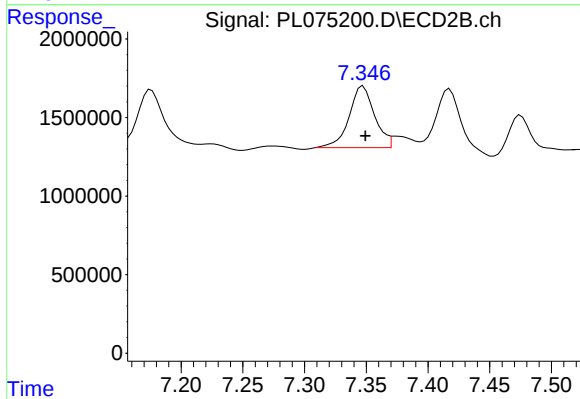
#9 Endosulfan I

R.T.: 7.475 min  
Delta R.T.: 0.000 min  
Response: 3029981  
Conc: 1.79 ng/ml



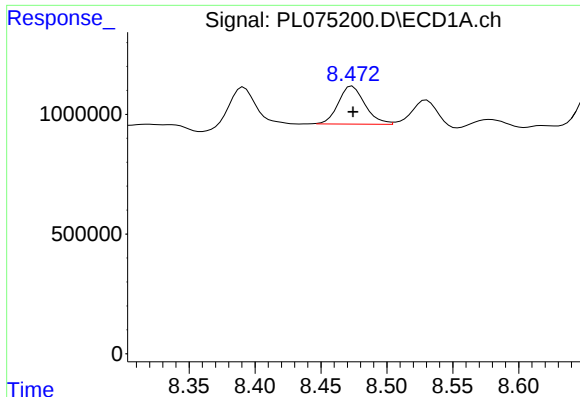
#10 gamma-Chlordane

R.T.: 8.390 min  
Delta R.T.: -0.002 min  
Response: 2846892  
Conc: 4.22 ng/ml m



#10 gamma-Chlordane

R.T.: 7.346 min  
Delta R.T.: -0.003 min  
Response: 5815291  
Conc: 3.16 ng/ml m



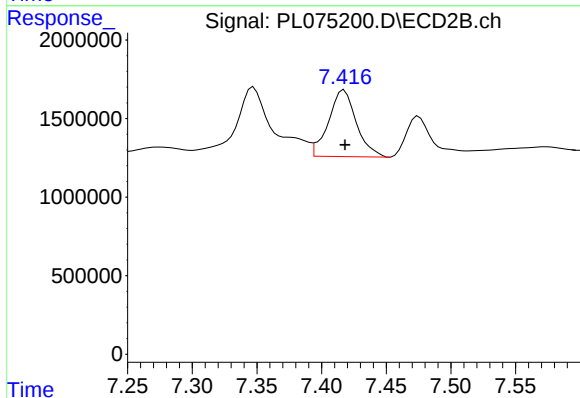
#11 alpha-Chlordane

R.T.: 8.472 min  
Delta R.T.: -0.002 min  
Response: 2231263  
Conc: 3.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-052422

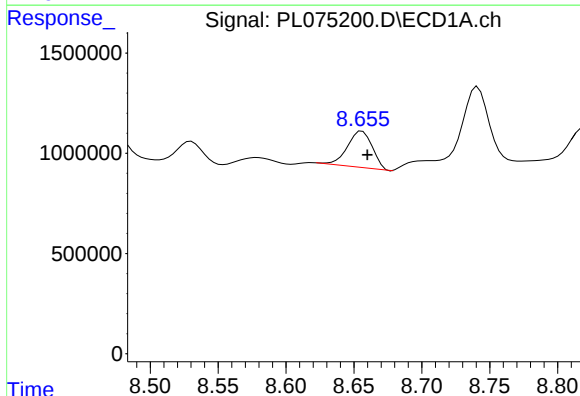
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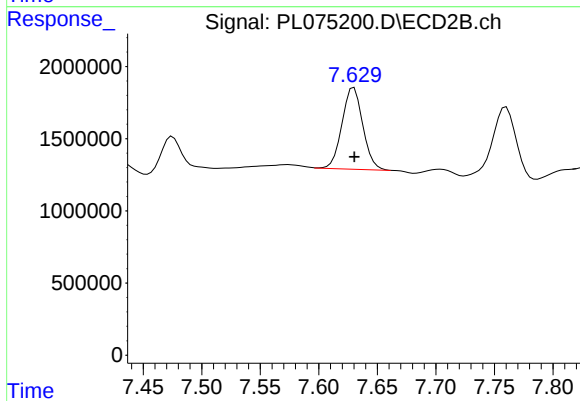
#11 alpha-Chlordane

R.T.: 7.417 min  
Delta R.T.: 0.000 min  
Response: 6358844  
Conc: 3.48 ng/ml



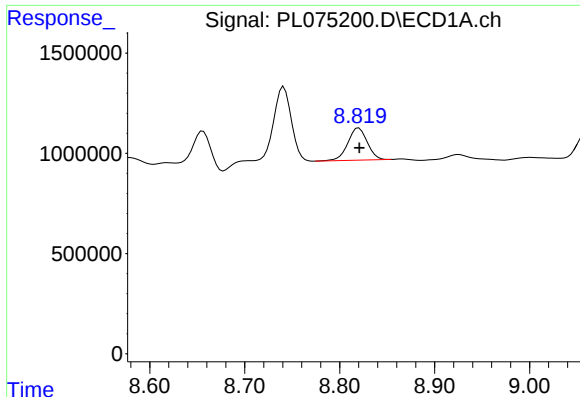
#12 4,4'-DDE

R.T.: 8.656 min  
Delta R.T.: -0.004 min  
Response: 2322731  
Conc: 3.99 ng/ml



#12 4,4'-DDE

R.T.: 7.629 min  
Delta R.T.: -0.002 min  
Response: 6994204  
Conc: 4.29 ng/ml m



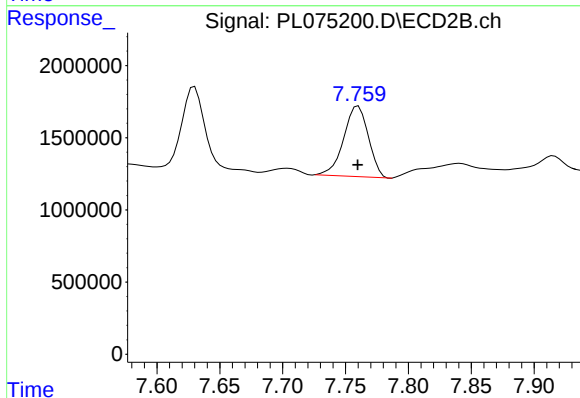
#13 Dieldrin

R.T.: 8.820 min  
Delta R.T.: 0.000 min  
Response: 2285872  
Conc: 3.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-052422

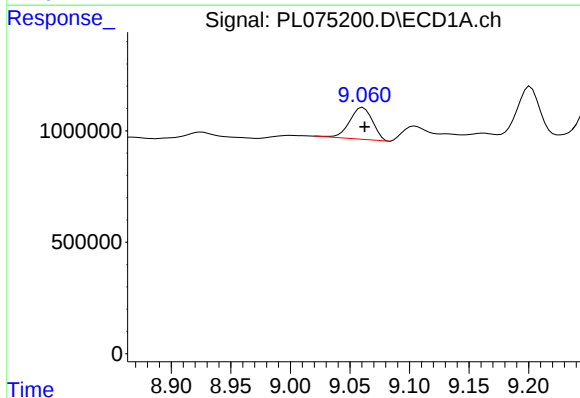
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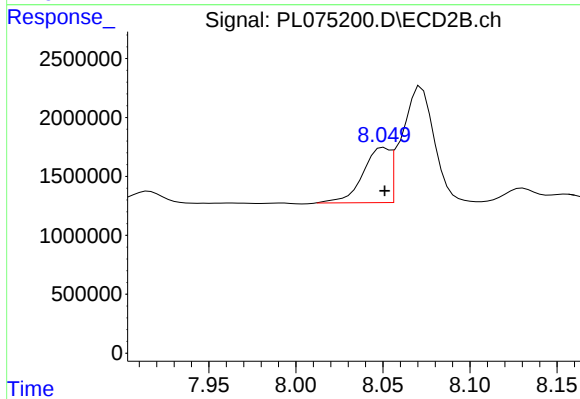
#13 Dieldrin

R.T.: 7.760 min  
Delta R.T.: 0.000 min  
Response: 6706176  
Conc: 3.86 ng/ml



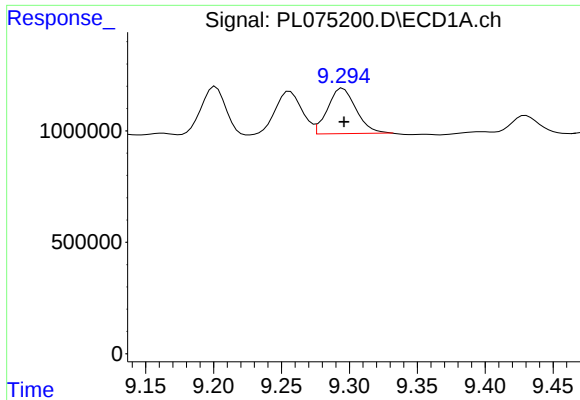
#14 Endrin

R.T.: 9.061 min  
Delta R.T.: -0.001 min  
Response: 1917912  
Conc: 3.61 ng/ml



#14 Endrin

R.T.: 8.049 min  
Delta R.T.: -0.002 min  
Response: 4775484  
Conc: 3.07 ng/ml m



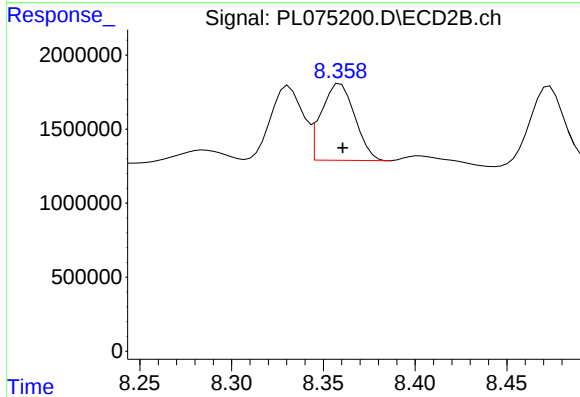
#15 Endosulfan II

R.T.: 9.295 min  
Delta R.T.: 0.000 min  
Response: 2954381  
Conc: 5.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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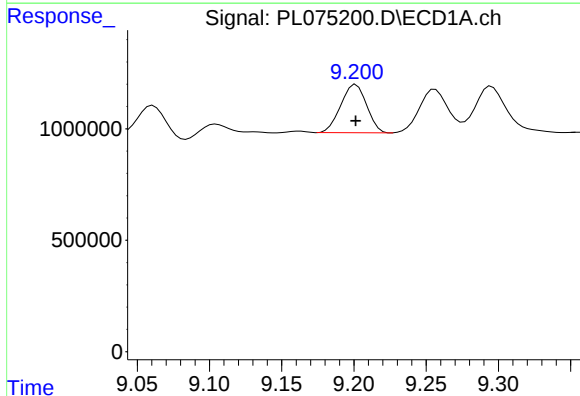
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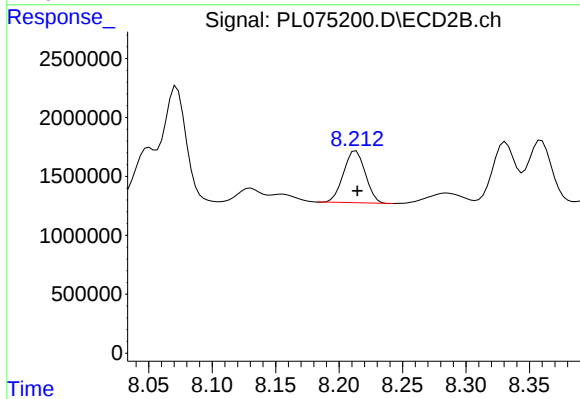
#15 Endosulfan II

R.T.: 8.359 min  
Delta R.T.: -0.001 min  
Response: 6592615  
Conc: 4.19 ng/ml



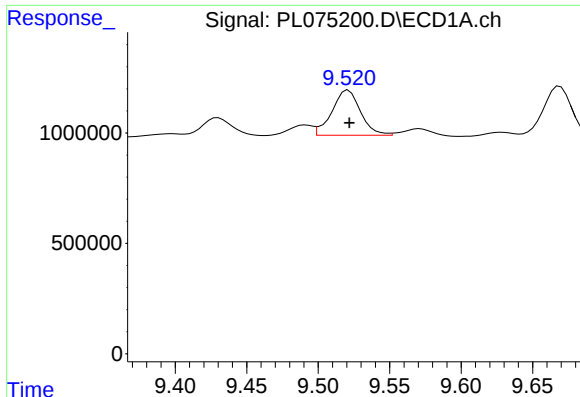
#16 4,4'-DDD

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 2691061  
Conc: 5.44 ng/ml



#16 4,4'-DDD

R.T.: 8.213 min  
Delta R.T.: -0.001 min  
Response: 5269565  
Conc: 3.94 ng/ml



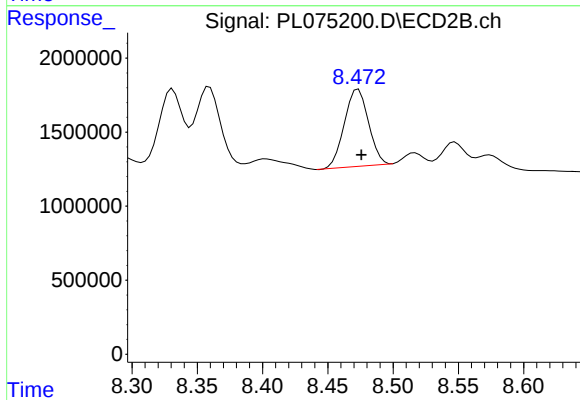
#17 4,4'-DDT

R.T.: 9.520 min  
Delta R.T.: -0.002 min  
Response: 2816609  
Conc: 4.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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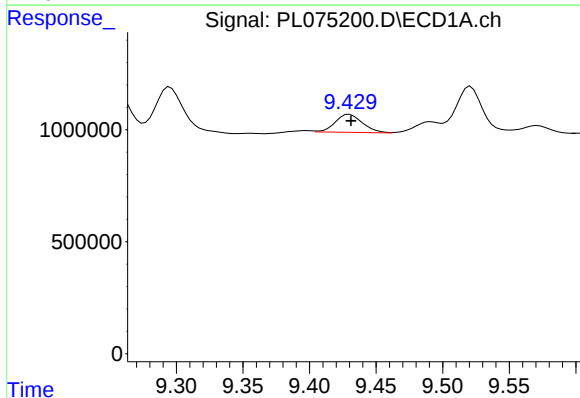
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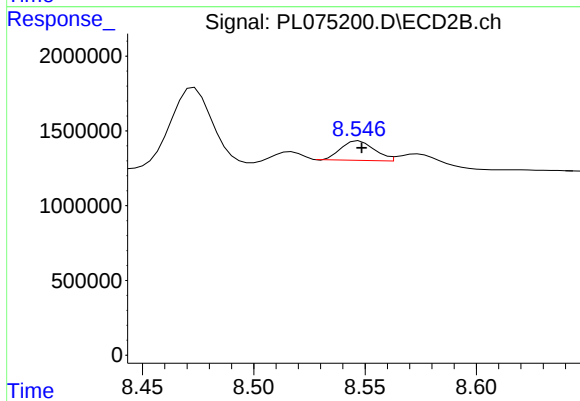
#17 4,4'-DDT

R.T.: 8.473 min  
Delta R.T.: -0.002 min  
Response: 6688667  
Conc: 4.68 ng/ml



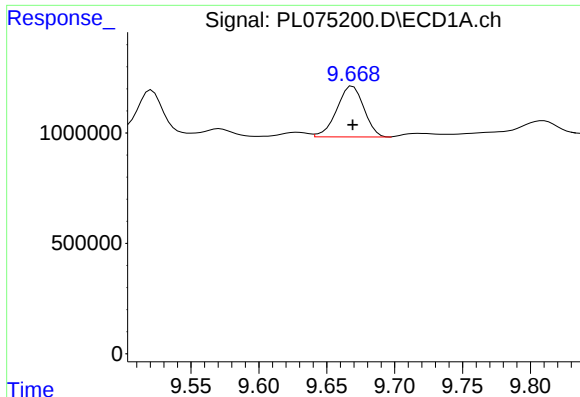
#18 Endrin aldehyde

R.T.: 9.429 min  
Delta R.T.: -0.003 min  
Response: 1137565  
Conc: 2.59 ng/ml m



#18 Endrin aldehyde

R.T.: 8.546 min  
Delta R.T.: -0.003 min  
Response: 1338730  
Conc: 1.11 ng/ml m



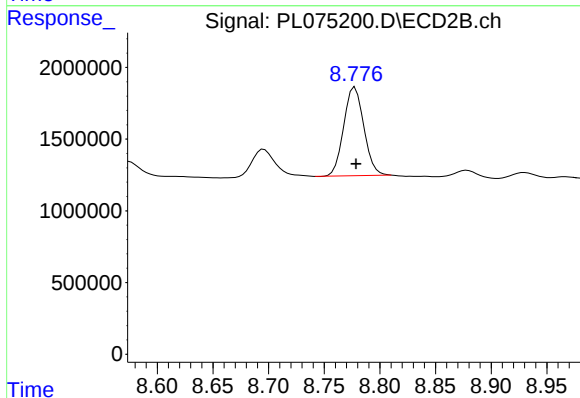
#19 Endosulfan Sulfate

R.T.: 9.669 min  
Delta R.T.: 0.000 min  
Response: 3196830  
Conc: 5.75 ng/ml

Instrument :  
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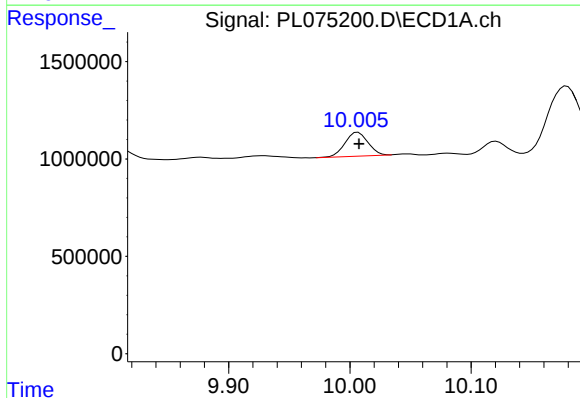
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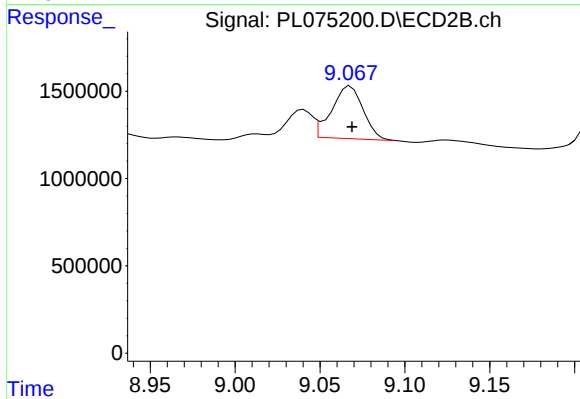
#19 Endosulfan Sulfate

R.T.: 8.778 min  
Delta R.T.: -0.001 min  
Response: 7800205  
Conc: 5.21 ng/ml



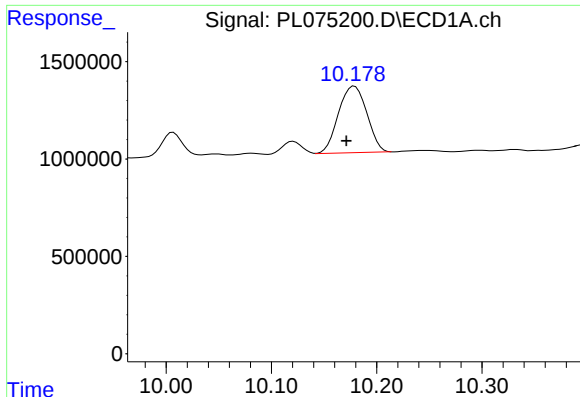
#20 Methoxychlor

R.T.: 10.007 min  
Delta R.T.: 0.000 min  
Response: 1617583  
Conc: 5.28 ng/ml



#20 Methoxychlor

R.T.: 9.067 min  
Delta R.T.: -0.002 min  
Response: 3808311  
Conc: 4.69 ng/ml m



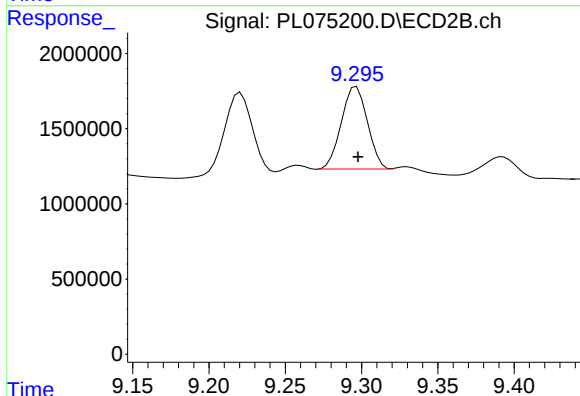
#21 Endrin ketone

R.T.: 10.178 min  
Delta R.T.: 0.006 min  
Response: 6417106  
Conc: 10.45 ng/ml

Instrument :  
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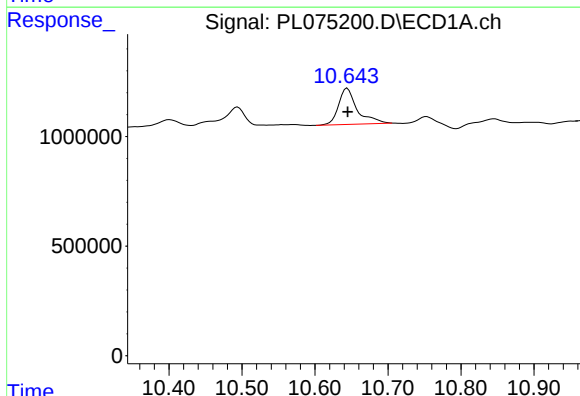
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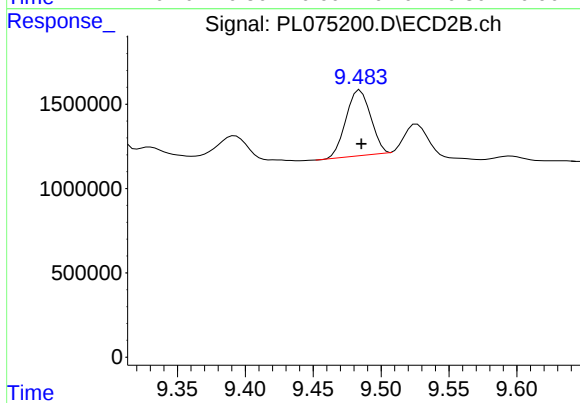
#21 Endrin ketone

R.T.: 9.295 min  
Delta R.T.: -0.002 min  
Response: 6539653  
Conc: 4.09 ng/ml m



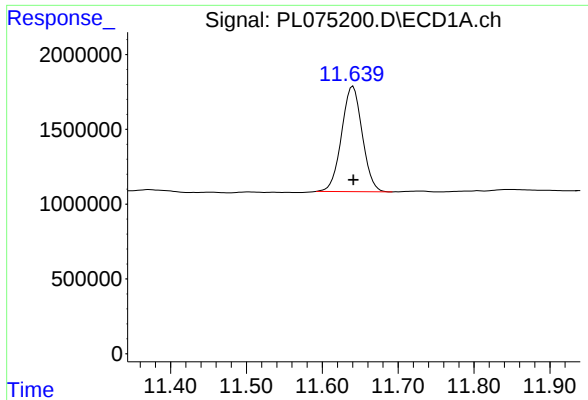
#22 Mirex

R.T.: 10.644 min  
Delta R.T.: 0.000 min  
Response: 2946827  
Conc: 6.08 ng/ml



#22 Mirex

R.T.: 9.485 min  
Delta R.T.: 0.000 min  
Response: 4911476  
Conc: 3.86 ng/ml



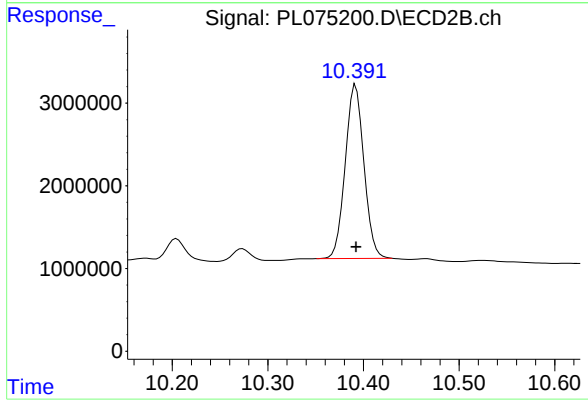
#28 Decachlorobiphenyl

R.T.: 11.641 min  
Delta R.T.: 0.000 min  
Response: 13335397  
Conc: 24.87 ng/ml

Instrument :  
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#28 Decachlorobiphenyl

R.T.: 10.392 min  
Delta R.T.: 0.000 min  
Response: 28644052  
Conc: 20.87 ng/ml