

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011321\  
 Data File : PL064100.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jan 2021 18:18  
 Operator : AR\AJ  
 Sample : M1090-05MSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BORE-3-1FT-7FTMSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 13 19:04:11 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 13 04:58:17 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... | 3.436 | 4.108 | 70027923 | 55096580 | 23.354  | 21.552   |
| 2)                          | SA Decachlor... | 8.169 | 9.268 | 54552926 | 44428195 | 17.874  | 18.719   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.868 | 4.510 | 237.1E6  | 184.2E6  | 47.665m | 50.409   |
| 3)                          | MA gamma-BHC... | 4.149 | 4.801 | 219.7E6  | 173.6E6  | 47.391m | 49.278   |
| 4)                          | MA Heptachlor   | 4.448 | 5.313 | 213.1E6  | 173.8E6  | 48.628m | 48.391m  |
| 5)                          | MB Aldrin       | 4.694 | 5.623 | 199.0E6  | 159.4E6  | 49.669m | 51.365m  |
| 6)                          | B beta-BHC      | 4.399 | 4.977 | 108.8E6  | 77793867 | 59.003  | 48.140   |
| 7)                          | B delta-BHC     | 4.600 | 5.197 | 212.3E6  | 151.1E6  | 45.845m | 47.607m  |
| 8)                          | B Heptachlo...  | 5.135 | 6.016 | 184.3E6  | 159.0E6  | 48.624m | 61.044m# |
| 9)                          | A Endosulfan I  | 5.471 | 6.381 | 165.0E6  | 135.1E6  | 46.713m | 49.279   |
| 10)                         | B gamma-Chl...  | 5.361 | 6.254 | 205.0E6  | 164.4E6  | 52.919m | 54.711   |
| 11)                         | B alpha-Chl...  | 5.419 | 6.327 | 195.5E6  | 147.4E6  | 51.086m | 48.417   |
| 12)                         | B 4,4'-DDE      | 5.586 | 6.483 | 172.0E6  | 163.5E6  | 48.817m | 61.369 # |
| 13)                         | MA Dieldrin     | 5.712 | 6.641 | 261.0E6  | 146.3E6  | 70.164m | 52.019 # |
| 14)                         | MA Endrin       | 5.968 | 6.861 | 149.0E6  | 153.6E6  | 42.917m | 67.266 # |
| 15)                         | B Endosulfa...  | 6.240 | 7.076 | 207.8E6  | 113.8E6  | 61.300  | 45.061 # |
| 16)                         | A 4,4'-DDD      | 6.100 | 6.981 | 156.4E6  | 159.9E6  | 53.612  | 72.153 # |
| 17)                         | MA 4,4'-DDT     | 6.338 | 7.281 | 252.8E6  | 124.2E6  | 84.675  | 54.817 # |
| 18)                         | B Endrin al...  | 6.408 | 7.201 | 127.5E6  | 103.3E6  | 44.445m | 47.645   |
| 19)                         | B Endosulfa...  | 6.622 | 7.425 | 170.8E6  | 121.8E6  | 50.341  | 49.293   |
| 20)                         | A Methoxychlor  | 6.886 | 7.740 | 101.2E6  | 56658632 | 60.551  | 41.933 # |
| 21)                         | B Endrin ke...  | 7.108 | 7.904 | 182.6E6  | 123.7E6  | 50.856  | 49.596   |
| 22)                         | Mirex           | 7.294 | 8.355 | 123.8E6  | 91195989 | 45.519m | 44.954m  |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011321\  
Data File : PL064100.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jan 2021 18:18  
Operator : AR\AJ  
Sample : M1090-05MSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

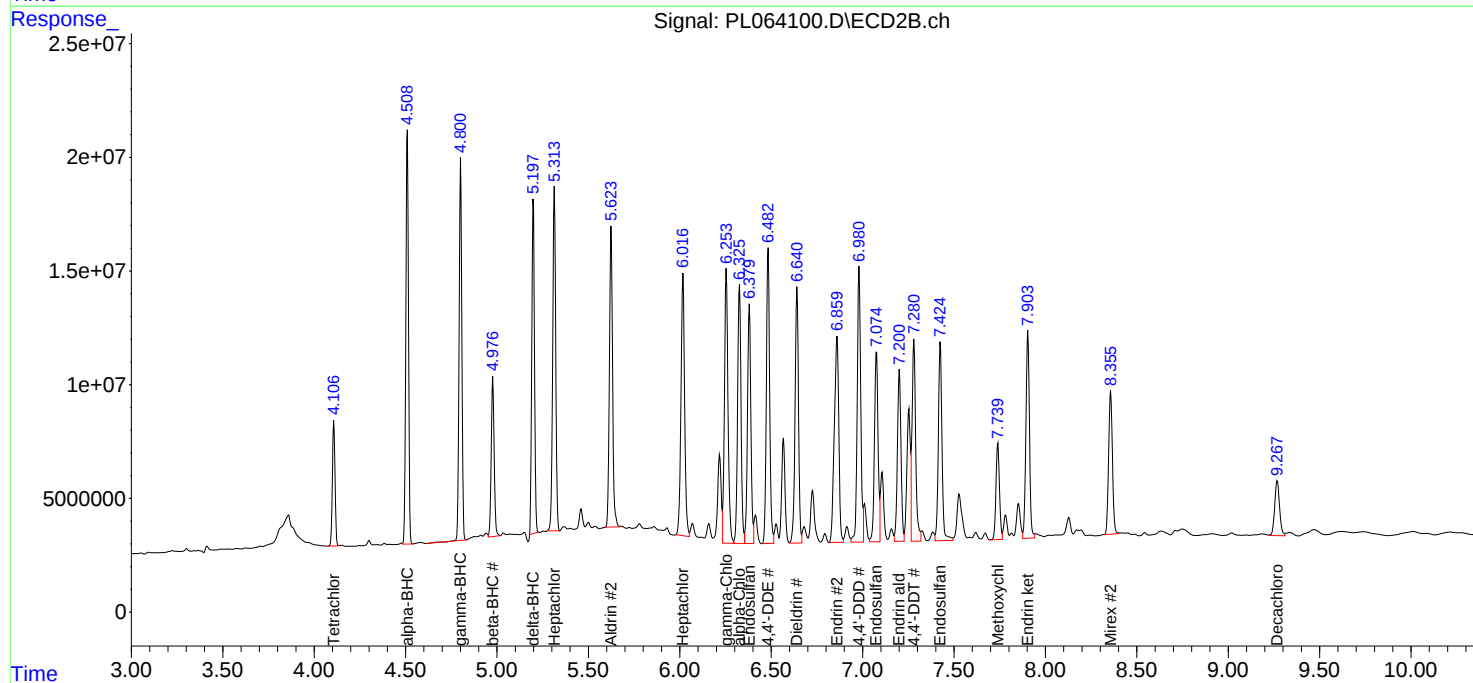
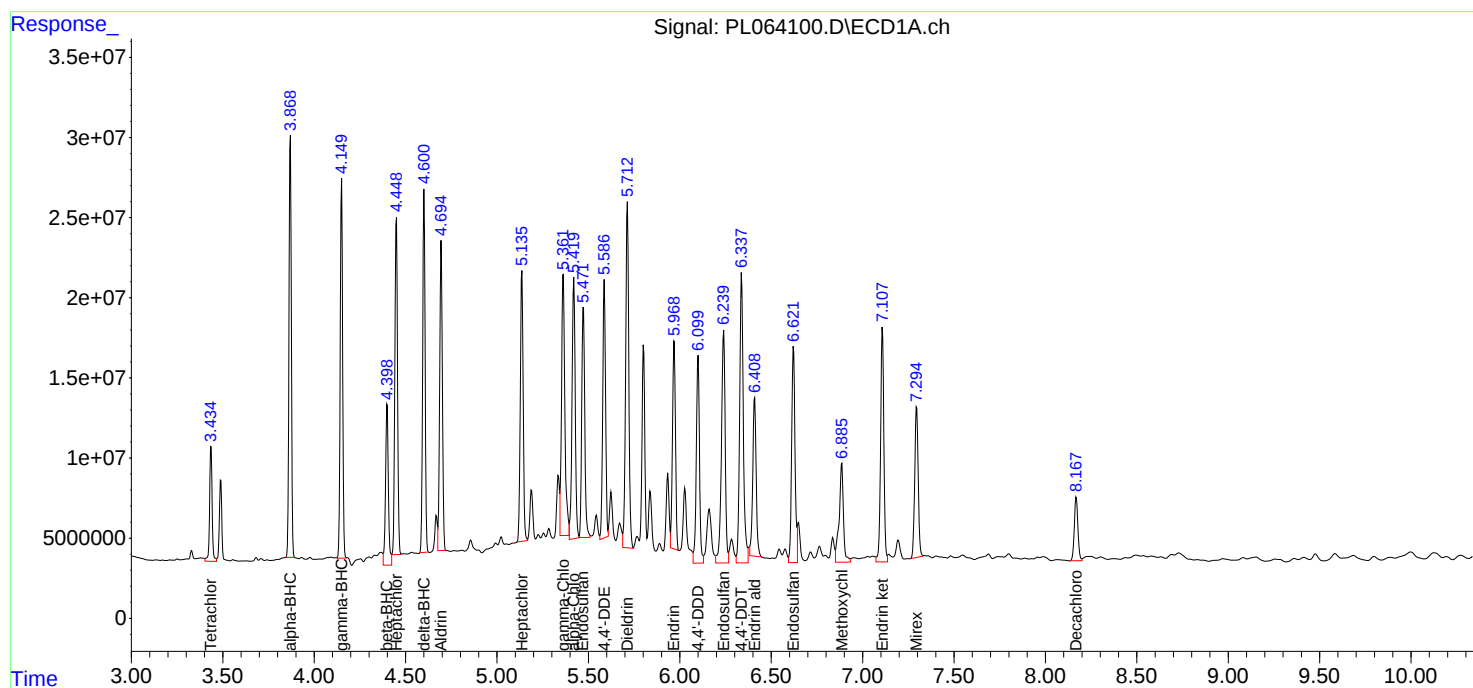
Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

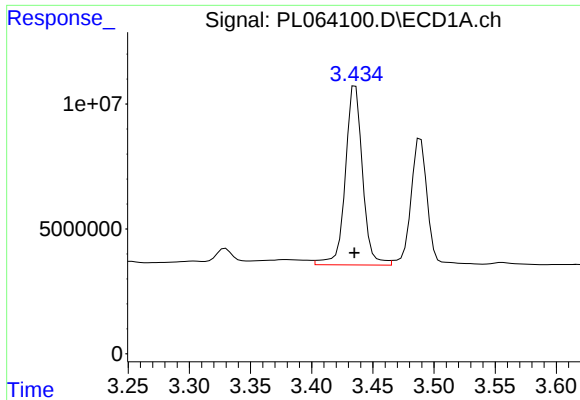
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 13 19:04:11 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011221.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 13 04:58:17 2021  
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





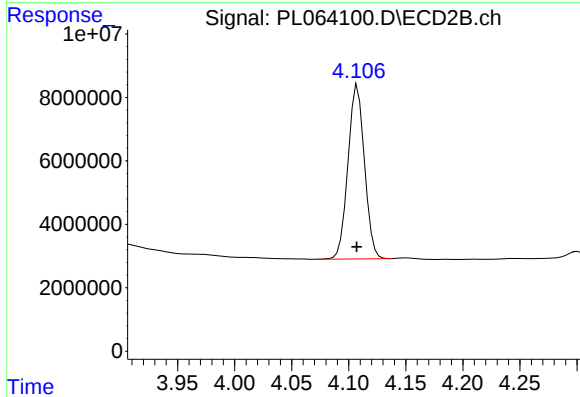
#1 Tetrachloro-m-xylene

R.T.: 3.436 min  
Delta R.T.: 0.000 min  
Response: 70027923  
Conc: 23.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

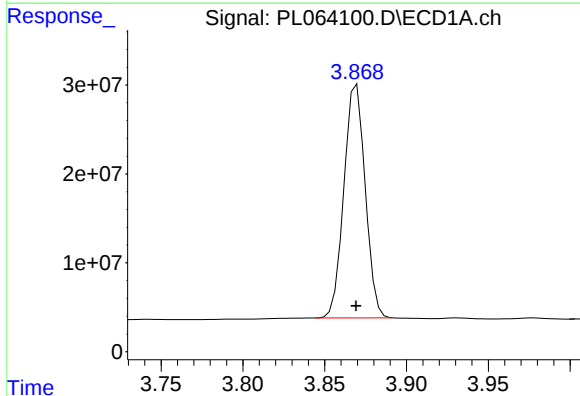
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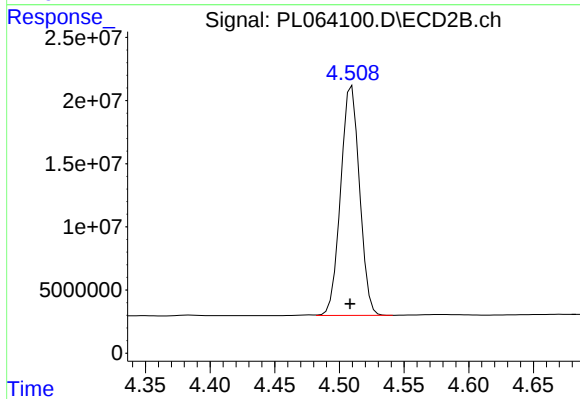
#1 Tetrachloro-m-xylene

R.T.: 4.108 min  
Delta R.T.: 0.000 min  
Response: 55096580  
Conc: 21.55 ng/ml



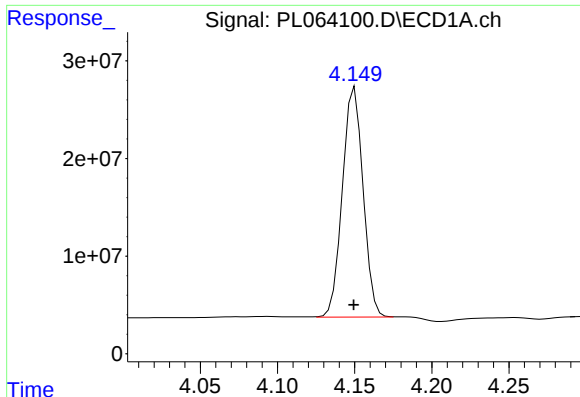
#2 alpha-BHC

R.T.: 3.868 min  
Delta R.T.: 0.000 min  
Response: 237077690  
Conc: 47.66 ng/ml m



#2 alpha-BHC

R.T.: 4.510 min  
Delta R.T.: 0.001 min  
Response: 184220985  
Conc: 50.41 ng/ml



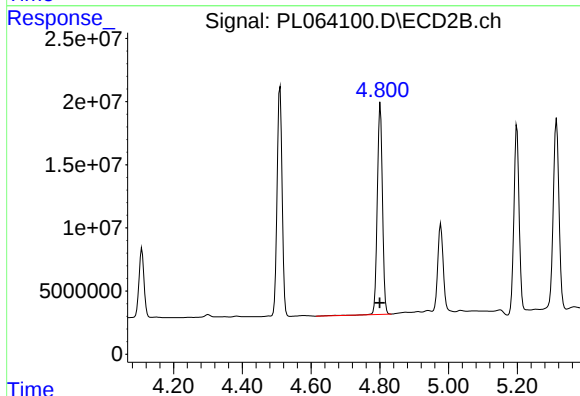
#3 gamma-BHC (Lindane)

R.T.: 4.149 min  
Delta R.T.: 0.000 min  
Response: 219729334  
Conc: 47.39 ng/ml m

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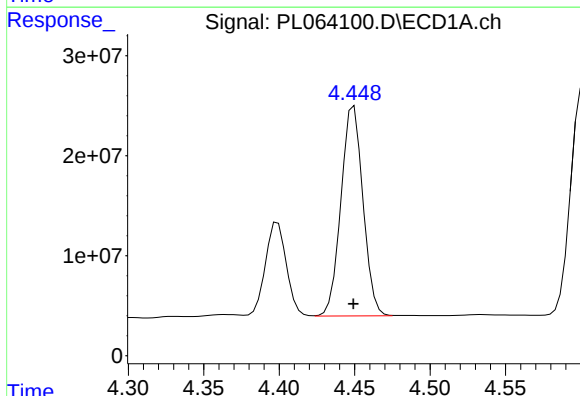
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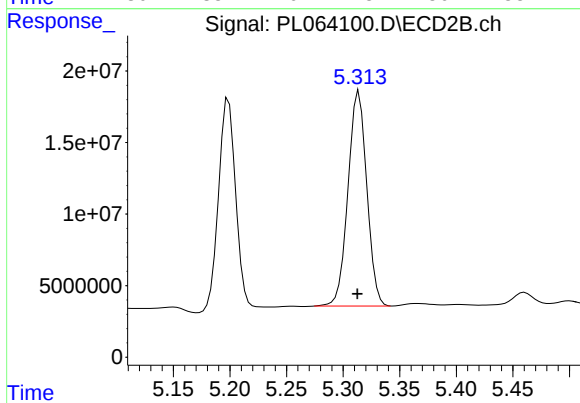
#3 gamma-BHC (Lindane)

R.T.: 4.801 min  
Delta R.T.: 0.001 min  
Response: 173580453  
Conc: 49.28 ng/ml



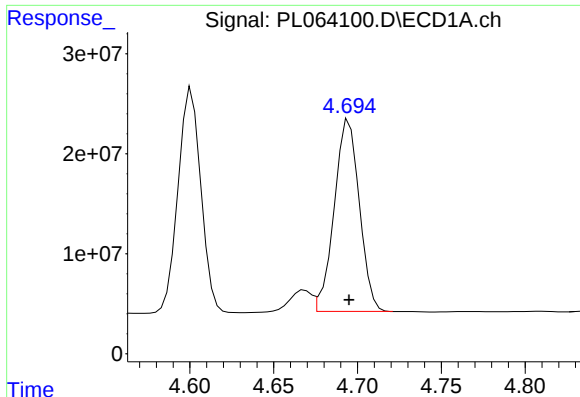
#4 Heptachlor

R.T.: 4.448 min  
Delta R.T.: 0.000 min  
Response: 213076444  
Conc: 48.63 ng/ml m



#4 Heptachlor

R.T.: 5.313 min  
Delta R.T.: 0.000 min  
Response: 173807467  
Conc: 48.39 ng/ml m



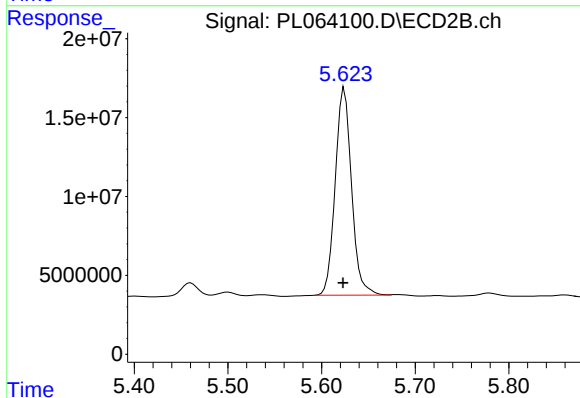
#5 Aldrin

R.T.: 4.694 min  
Delta R.T.: -0.001 min  
Response: 199023035  
Conc: 49.67 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

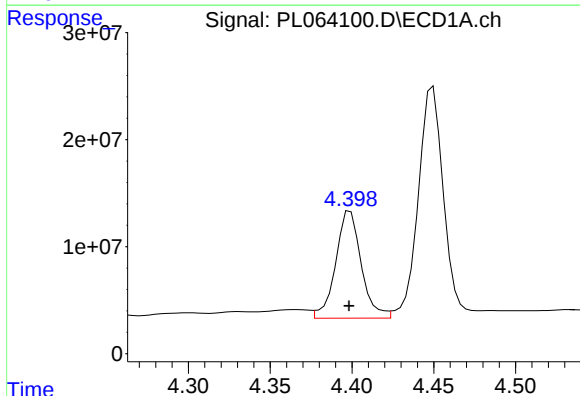
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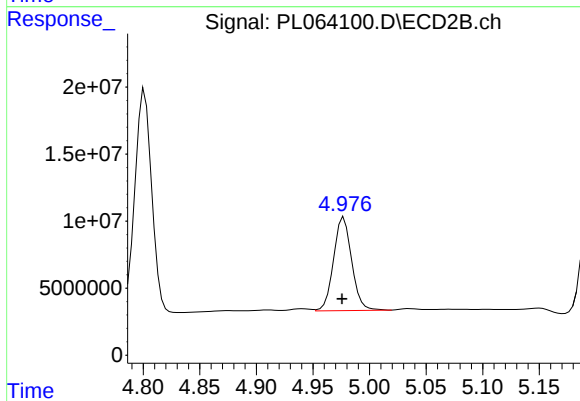
#5 Aldrin

R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 159426918  
Conc: 51.36 ng/ml m



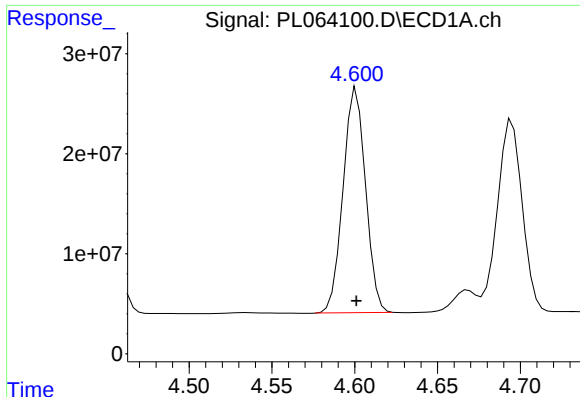
#6 beta-BHC

R.T.: 4.399 min  
Delta R.T.: 0.000 min  
Response: 108784051  
Conc: 59.00 ng/ml



#6 beta-BHC

R.T.: 4.977 min  
Delta R.T.: 0.002 min  
Response: 77793867  
Conc: 48.14 ng/ml



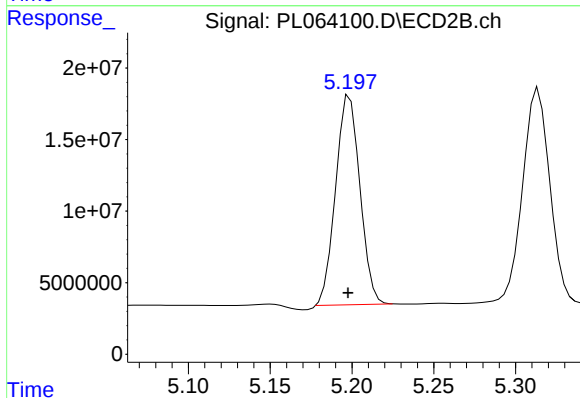
#7 delta-BHC

R.T.: 4.600 min  
Delta R.T.: -0.001 min  
Response: 212305562  
Conc: 45.85 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

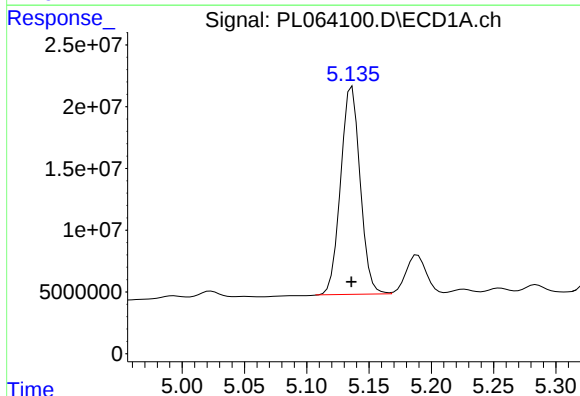
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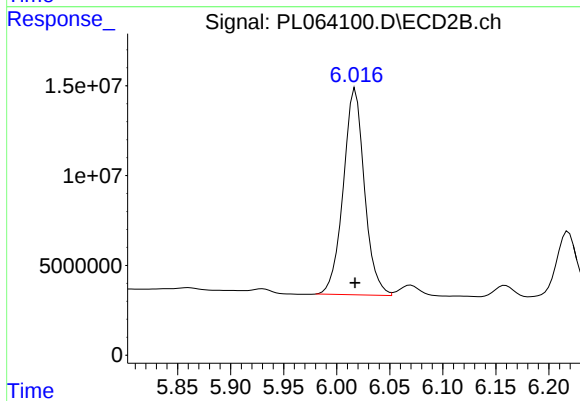
#7 delta-BHC

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 151135971  
Conc: 47.61 ng/ml m



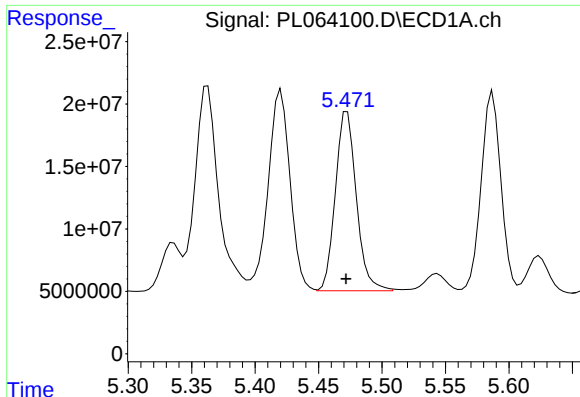
#8 Heptachlor epoxide

R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 184263692  
Conc: 48.62 ng/ml m



#8 Heptachlor epoxide

R.T.: 6.016 min  
Delta R.T.: 0.000 min  
Response: 159026450  
Conc: 61.04 ng/ml m



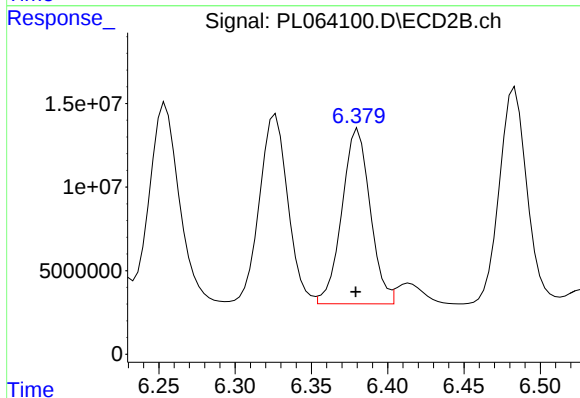
#9 Endosulfan I

R.T.: 5.471 min  
Delta R.T.: 0.000 min  
Response: 164998384  
Conc: 46.71 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

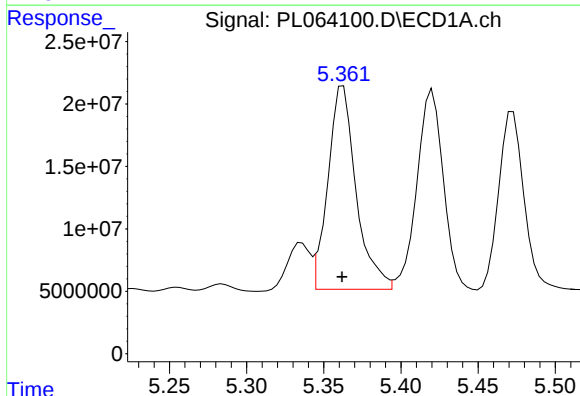
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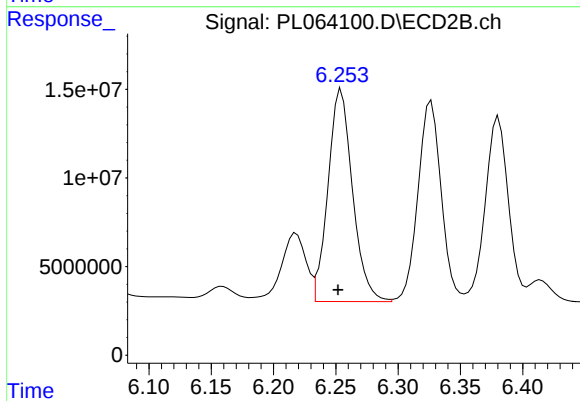
#9 Endosulfan I

R.T.: 6.381 min  
Delta R.T.: 0.002 min  
Response: 135060254  
Conc: 49.28 ng/ml



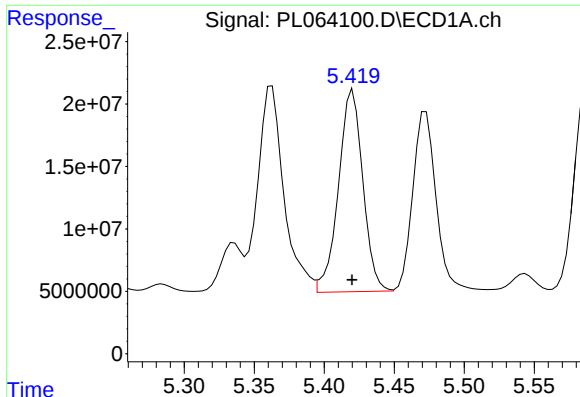
#10 gamma-Chlordane

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 204988878  
Conc: 52.92 ng/ml m



#10 gamma-Chlordane

R.T.: 6.254 min  
Delta R.T.: 0.003 min  
Response: 164397401  
Conc: 54.71 ng/ml



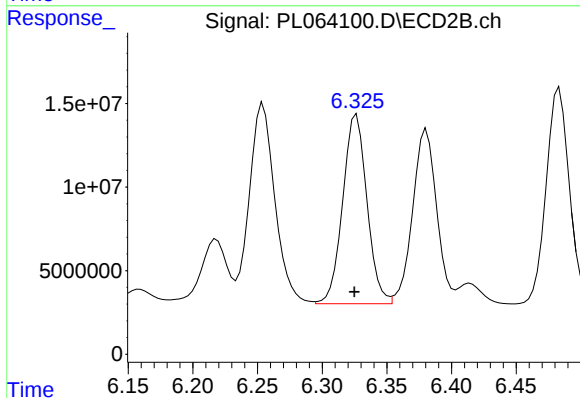
#11 alpha-Chlordane

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 195466012  
Conc: 51.09 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

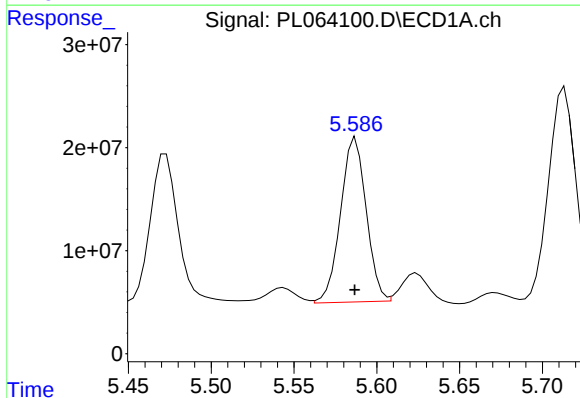
Manual Integrations  
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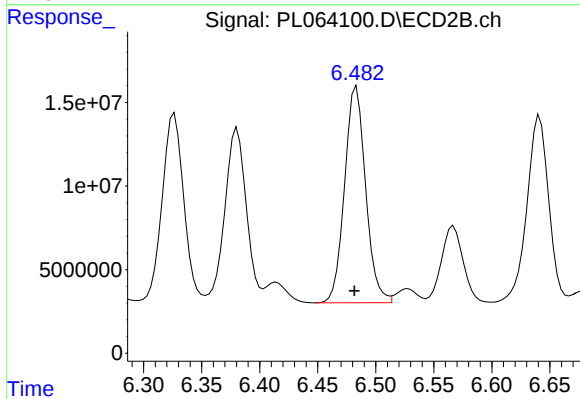
#11 alpha-Chlordane

R.T.: 6.327 min  
Delta R.T.: 0.002 min  
Response: 147388510  
Conc: 48.42 ng/ml



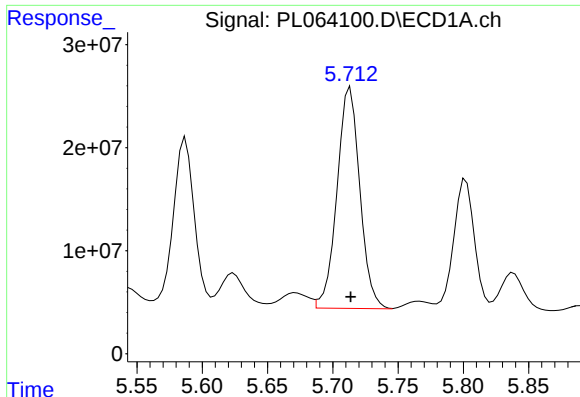
#12 4,4'-DDE

R.T.: 5.586 min  
Delta R.T.: 0.000 min  
Response: 171976106  
Conc: 48.82 ng/ml m



#12 4,4'-DDE

R.T.: 6.483 min  
Delta R.T.: 0.002 min  
Response: 163463060  
Conc: 61.37 ng/ml



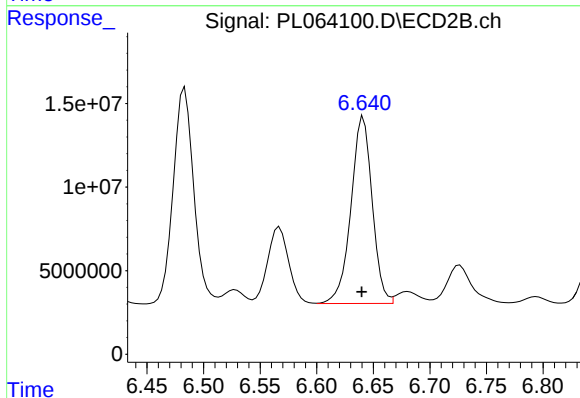
#13 Dieldrin

R.T.: 5.712 min  
Delta R.T.: -0.002 min  
Response: 260978096  
Conc: 70.16 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

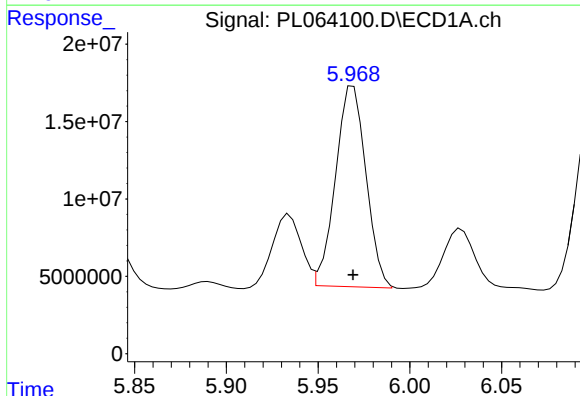
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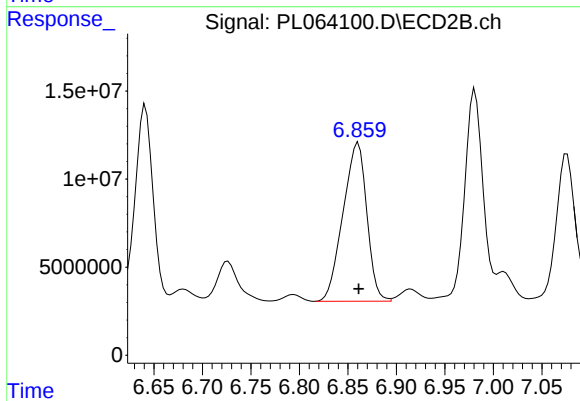
#13 Dieldrin

R.T.: 6.641 min  
Delta R.T.: 0.001 min  
Response: 146275401  
Conc: 52.02 ng/ml



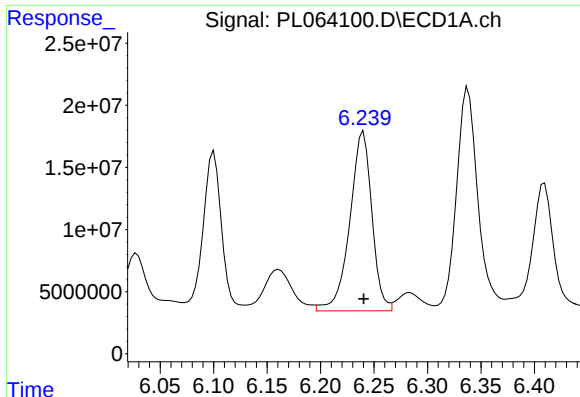
#14 Endrin

R.T.: 5.968 min  
Delta R.T.: -0.001 min  
Response: 149024612  
Conc: 42.92 ng/ml m



#14 Endrin

R.T.: 6.861 min  
Delta R.T.: 0.000 min  
Response: 153602941  
Conc: 67.27 ng/ml



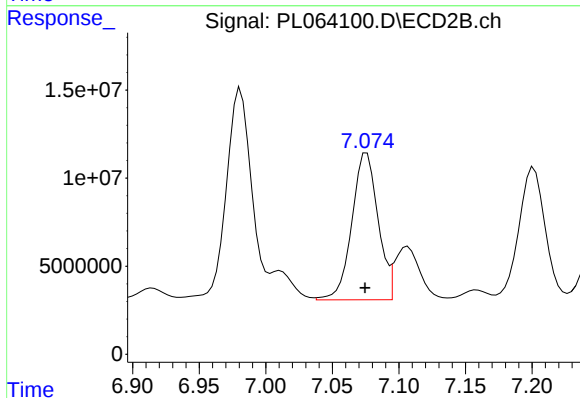
#15 Endosulfan II

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 207788925  
Conc: 61.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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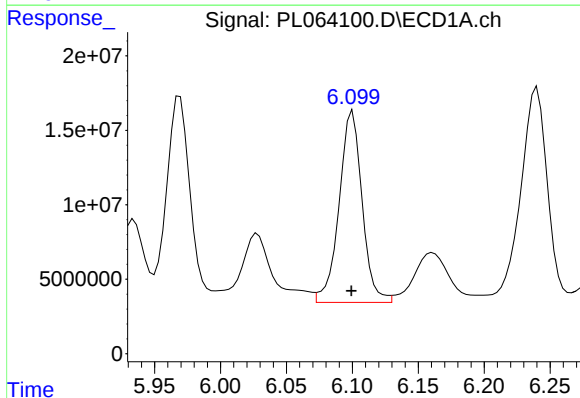
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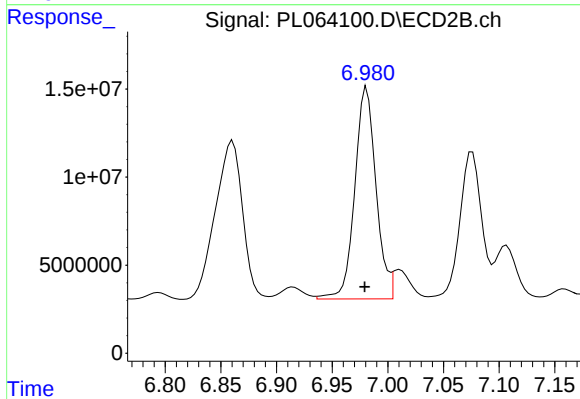
#15 Endosulfan II

R.T.: 7.076 min  
Delta R.T.: 0.001 min  
Response: 113832272  
Conc: 45.06 ng/ml



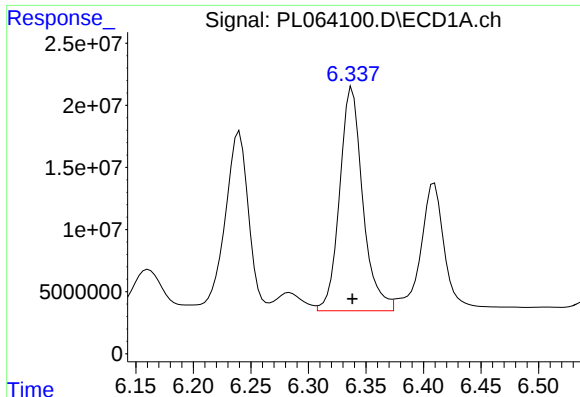
#16 4,4'-DDD

R.T.: 6.100 min  
Delta R.T.: 0.000 min  
Response: 156363791  
Conc: 53.61 ng/ml



#16 4,4'-DDD

R.T.: 6.981 min  
Delta R.T.: 0.002 min  
Response: 159931639  
Conc: 72.15 ng/ml



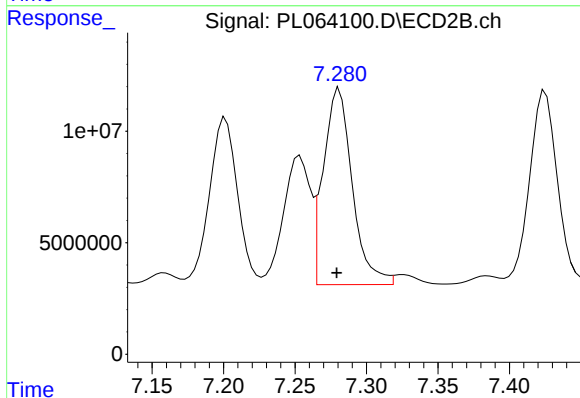
#17 4,4'-DDT

R.T.: 6.338 min  
Delta R.T.: 0.000 min  
Response: 252784149  
Conc: 84.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

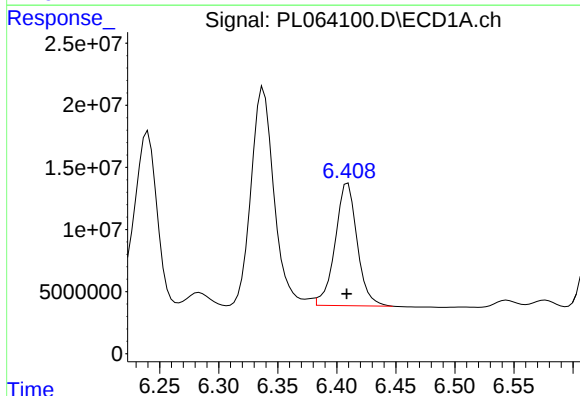
Manual Integrations  
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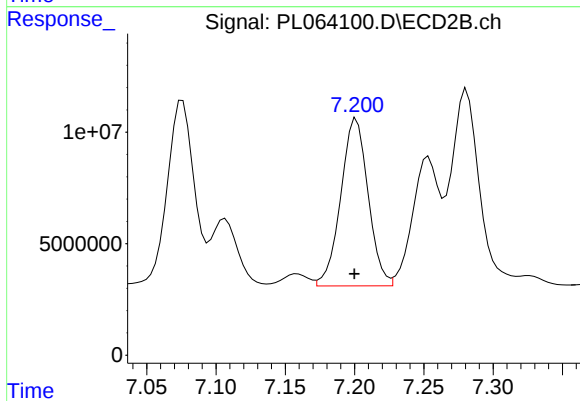
#17 4,4'-DDT

R.T.: 7.281 min  
Delta R.T.: 0.002 min  
Response: 124158474  
Conc: 54.82 ng/ml



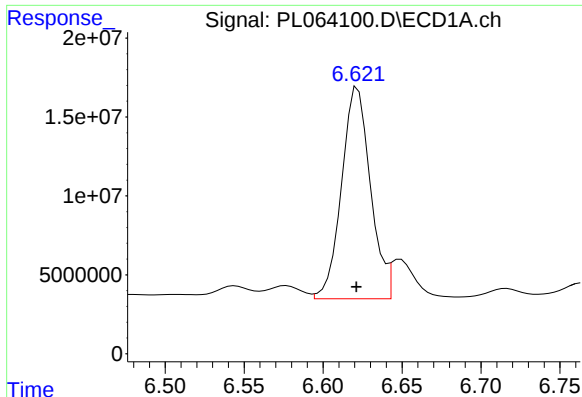
#18 Endrin aldehyde

R.T.: 6.408 min  
Delta R.T.: 0.000 min  
Response: 127491741  
Conc: 44.45 ng/ml m



#18 Endrin aldehyde

R.T.: 7.201 min  
Delta R.T.: 0.002 min  
Response: 103302305  
Conc: 47.65 ng/ml



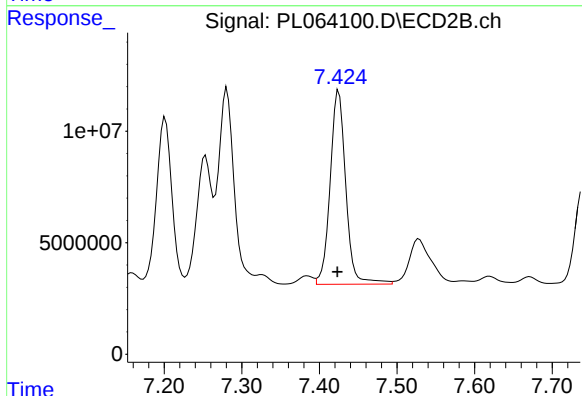
#19 Endosulfan Sulfate

R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 170781223  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

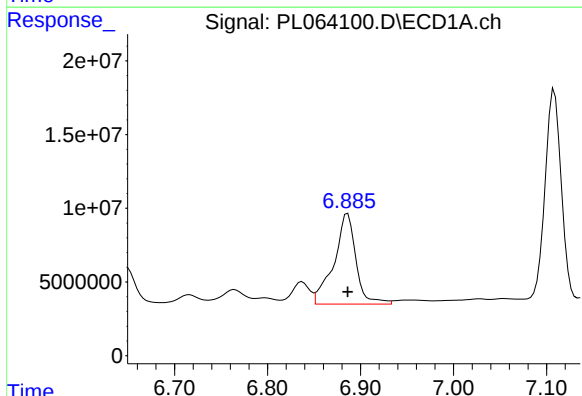
Manual Integrations  
APPROVED

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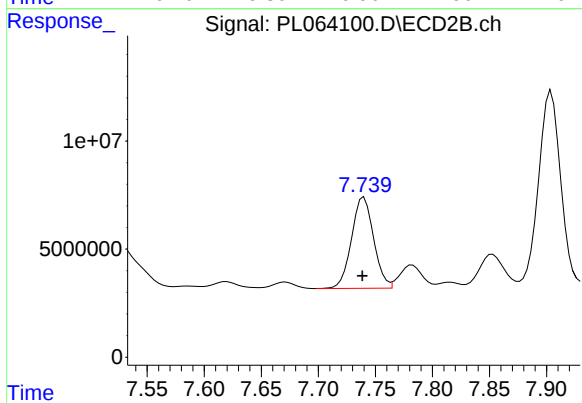
#19 Endosulfan Sulfate

R.T.: 7.425 min  
Delta R.T.: 0.002 min  
Response: 121753991  
Conc: 49.29 ng/ml



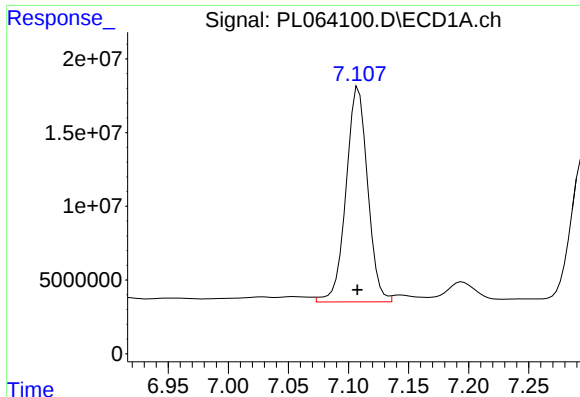
#20 Methoxychlor

R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 101188503  
Conc: 60.55 ng/ml



#20 Methoxychlor

R.T.: 7.740 min  
Delta R.T.: 0.001 min  
Response: 56658632  
Conc: 41.93 ng/ml



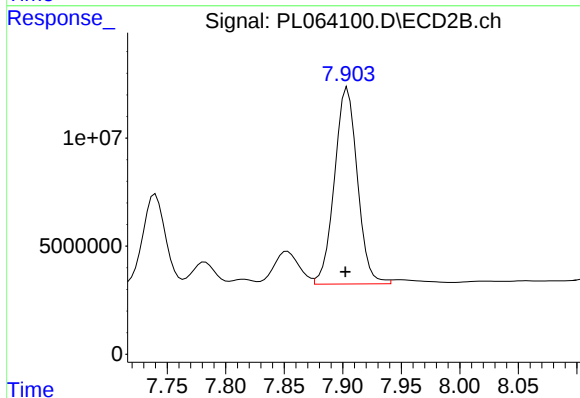
#21 Endrin ketone

R.T.: 7.108 min  
Delta R.T.: 0.000 min  
Response: 182639821  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

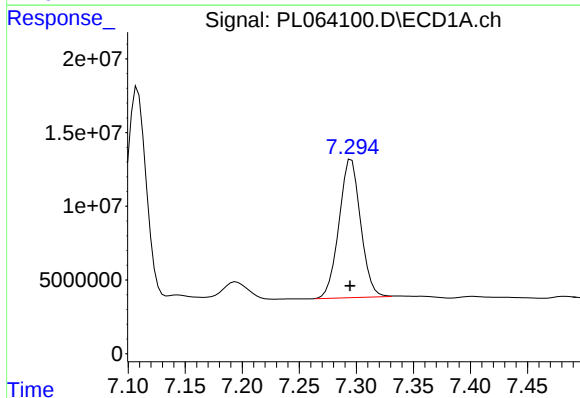
Manual Integrations  
APPROVED

Ankita  
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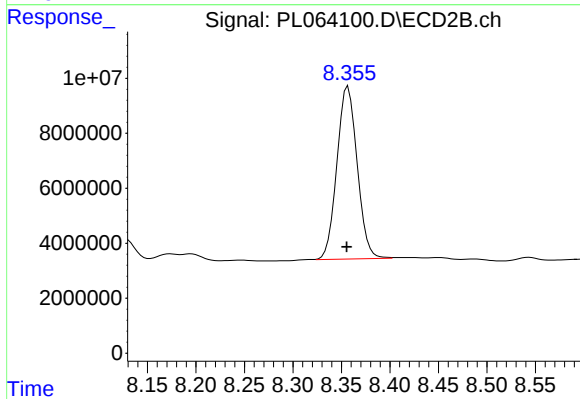
#21 Endrin ketone

R.T.: 7.904 min  
Delta R.T.: 0.002 min  
Response: 123702847  
Conc: 49.60 ng/ml



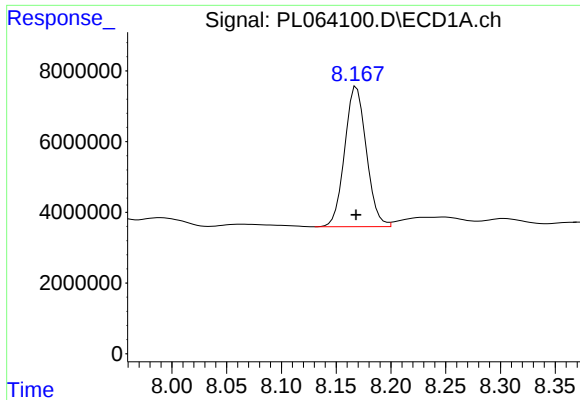
#22 Mirex

R.T.: 7.294 min  
Delta R.T.: 0.000 min  
Response: 123843961  
Conc: 45.52 ng/ml m



#22 Mirex

R.T.: 8.355 min  
Delta R.T.: 0.000 min  
Response: 91195989  
Conc: 44.95 ng/ml m



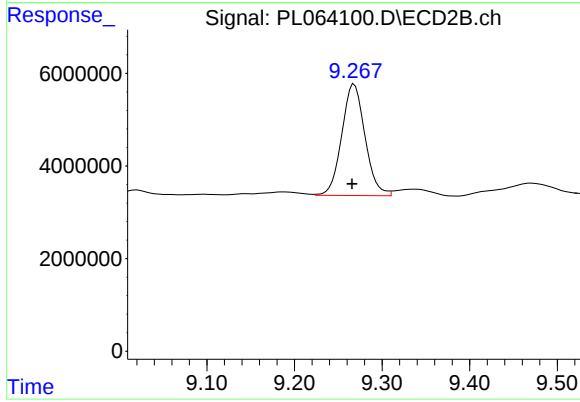
#28 Decachlorobiphenyl

R.T.: 8.169 min  
Delta R.T.: 0.000 min  
Response: 54552926  
Conc: 17.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BORE-3-1FT-7FTMSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.268 min  
Delta R.T.: 0.002 min  
Response: 44428195  
Conc: 18.72 ng/ml