

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061421\  
 Data File : PL067406.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jun 2021 14:34  
 Operator : AR\AJ  
 Sample : M2626-07MS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 18-B12(218-222)MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 15 05:18:49 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 11 02:00:12 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... | 4.479  | 5.529  | 16036219 | 28643356 | 29.168 | 30.383  |
| 28)                         | SA Decachlor... | 10.220 | 11.426 | 21064462 | 31978379 | 29.723 | 32.105  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 5.178  | 6.108  | 61179551 | 102.3E6  | 83.181 | 82.741m |
| 3)                          | MA gamma-BHC... | 5.598  | 6.505  | 58976955 | 95506040 | 78.696 | 81.008  |
| 4)                          | MA Heptachlor   | 6.009  | 7.152  | 57784195 | 87445239 | 76.606 | 78.410  |
| 5)                          | MB Aldrin       | 6.330  | 7.522  | 57017444 | 84597355 | 77.491 | 78.161  |
| 6)                          | B beta-BHC      | 5.981  | 6.758  | 27004771 | 45832389 | 75.473 | 84.404m |
| 7)                          | B delta-BHC     | 6.238  | 7.025  | 45036970 | 75192396 | 60.978 | 63.966  |
| 8)                          | B Heptachlo...  | 6.903  | 7.988  | 54527582 | 83388312 | 77.934 | 83.241  |
| 9)                          | A Endosulfan I  | 7.302  | 8.392  | 51553788 | 72475717 | 76.686 | 79.370  |
| 10)                         | B gamma-Chl...  | 7.182  | 8.257  | 55975118 | 79434857 | 77.206 | 78.675  |
| 11)                         | B alpha-Chl...  | 7.250  | 8.338  | 55146957 | 77591063 | 75.325 | 76.852  |
| 12)                         | B 4,4'-DDE      | 7.469  | 8.527  | 52801290 | 73619524 | 79.363 | 81.264  |
| 13)                         | MA Dieldrin     | 7.587  | 8.682  | 55733711 | 75905354 | 79.506 | 83.575  |
| 14)                         | MA Endrin       | 7.874  | 8.920  | 49991868 | 61483881 | 76.247 | 80.381  |
| 15)                         | B Endosulfa...  | 8.185  | 9.155  | 47926875 | 65321952 | 77.820 | 81.929  |
| 16)                         | A 4,4'-DDD      | 8.050  | 9.066  | 45224966 | 60251840 | 77.803 | 84.718  |
| 17)                         | MA 4,4'-DDT     | 8.309  | 9.383  | 42404062 | 54895435 | 72.874 | 74.876  |
| 18)                         | B Endrin al...  | 8.372  | 9.289  | 41246166 | 56011682 | 81.470 | 87.707  |
| 19)                         | B Endosulfa...  | 8.603  | 9.527  | 46979562 | 62158872 | 74.007 | 78.269  |
| 20)                         | A Methoxychlor  | 8.903  | 9.869  | 24455958 | 29709248 | 68.799 | 76.412  |
| 21)                         | B Endrin ke...  | 9.113  | 10.024 | 59474542 | 76629012 | 78.116 | 84.545  |
| 22)                         | Mirex           | 9.300  | 10.489 | 44657168 | 57648501 | 70.909 | 76.255  |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061421\  
Data File : PL067406.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jun 2021 14:34  
Operator : AR\AJ  
Sample : M2626-07MS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

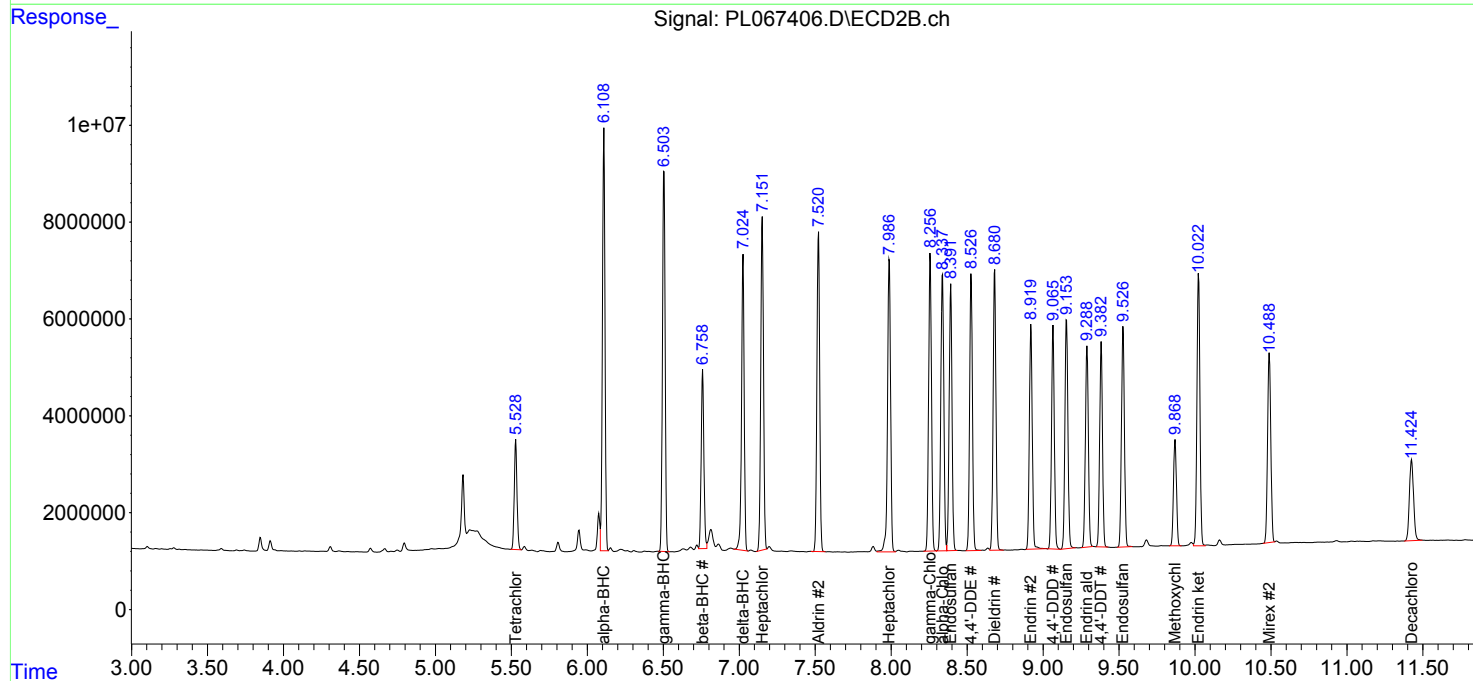
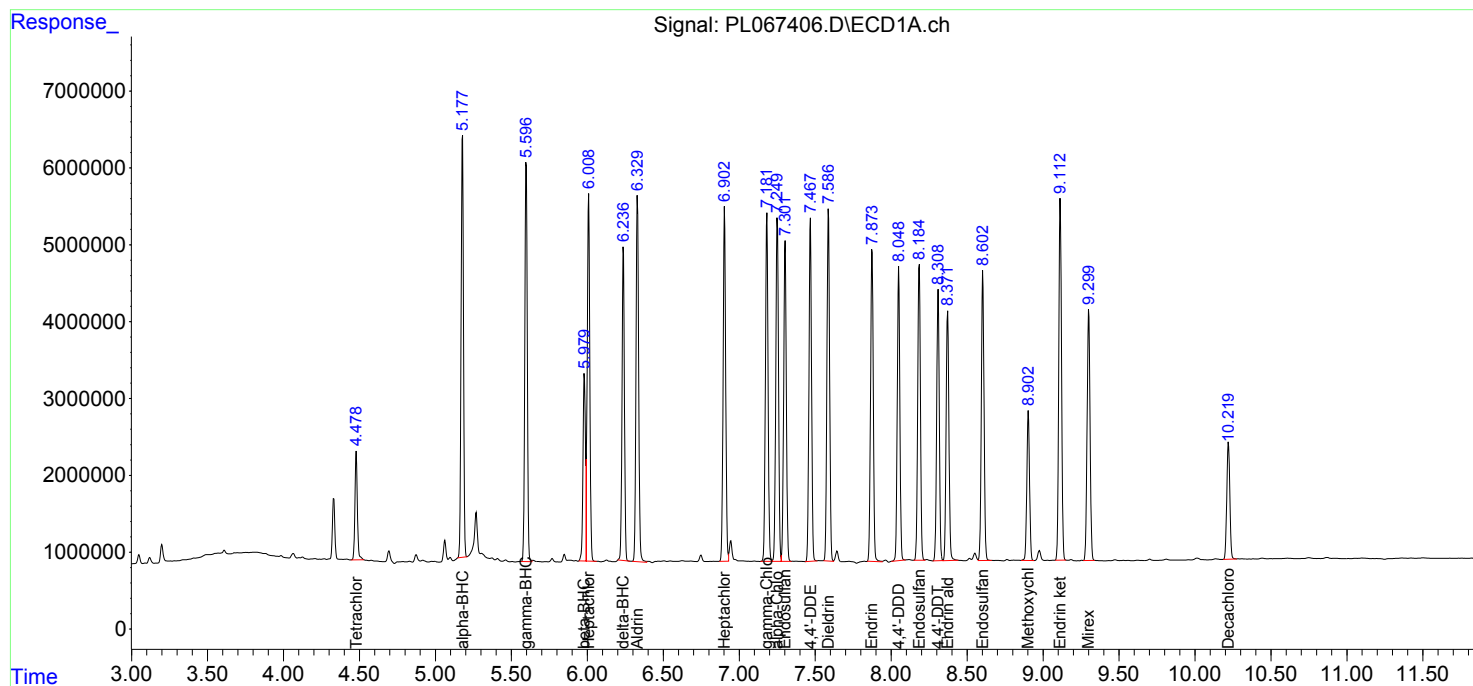
Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

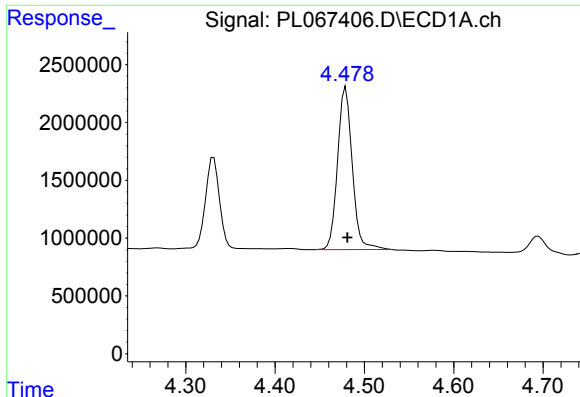
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 15 05:18:49 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 11 02:00:12 2021  
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





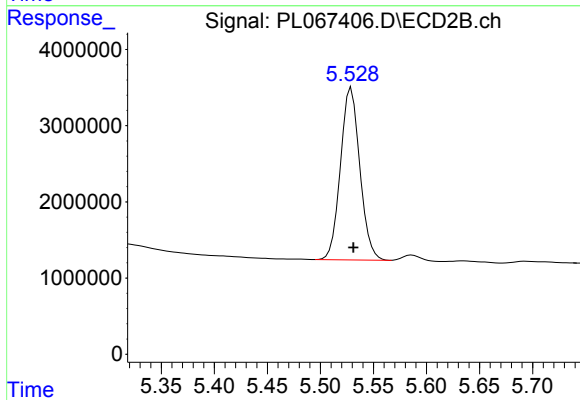
#1 Tetrachloro-m-xylene

R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 16036219  
Conc: 29.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

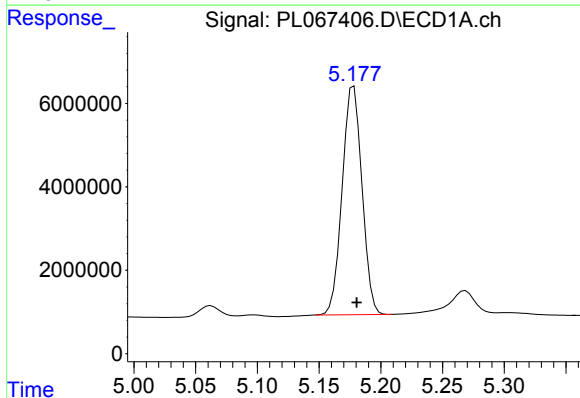
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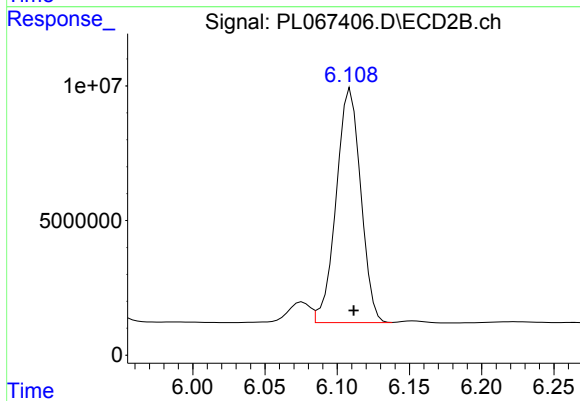
#1 Tetrachloro-m-xylene

R.T.: 5.529 min  
Delta R.T.: -0.002 min  
Response: 28643356  
Conc: 30.38 ng/ml



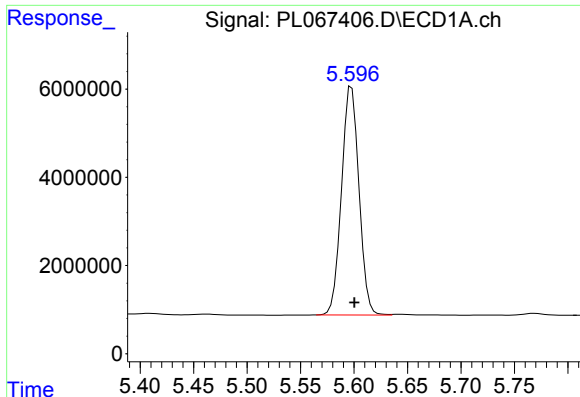
#2 alpha-BHC

R.T.: 5.178 min  
Delta R.T.: -0.002 min  
Response: 61179551  
Conc: 83.18 ng/ml



#2 alpha-BHC

R.T.: 6.108 min  
Delta R.T.: -0.004 min  
Response: 102307018  
Conc: 82.74 ng/ml m



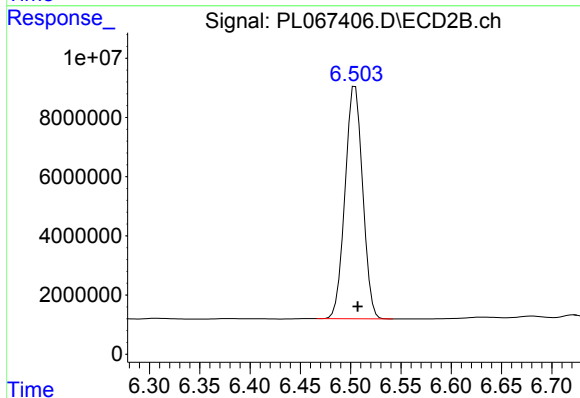
#3 gamma-BHC (Lindane)

R.T.: 5.598 min  
Delta R.T.: -0.002 min  
Response: 58976955  
Conc: 78.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

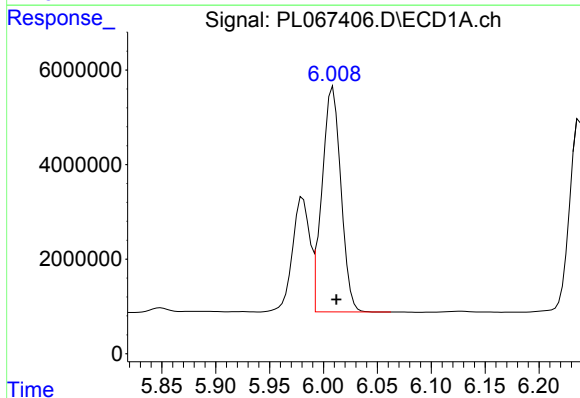
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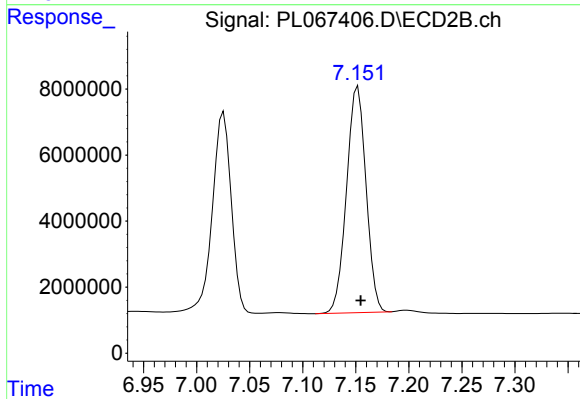
#3 gamma-BHC (Lindane)

R.T.: 6.505 min  
Delta R.T.: -0.003 min  
Response: 95506040  
Conc: 81.01 ng/ml



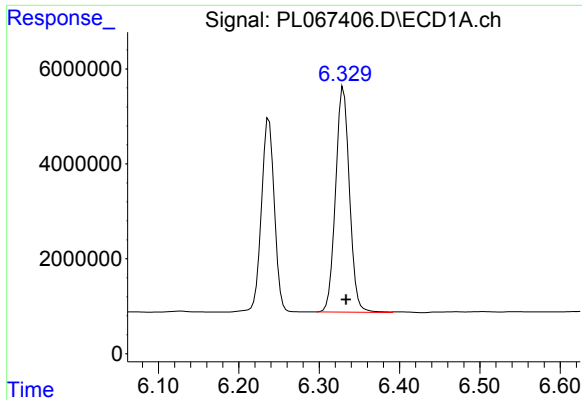
#4 Heptachlor

R.T.: 6.009 min  
Delta R.T.: -0.003 min  
Response: 57784195  
Conc: 76.61 ng/ml



#4 Heptachlor

R.T.: 7.152 min  
Delta R.T.: -0.003 min  
Response: 87445239  
Conc: 78.41 ng/ml



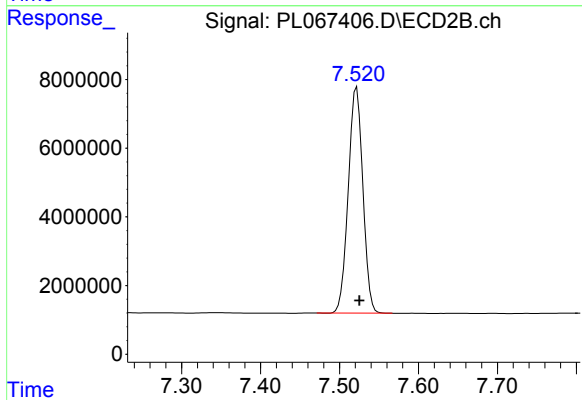
#5 Aldrin

R.T.: 6.330 min  
Delta R.T.: -0.003 min  
Response: 57017444  
Conc: 77.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

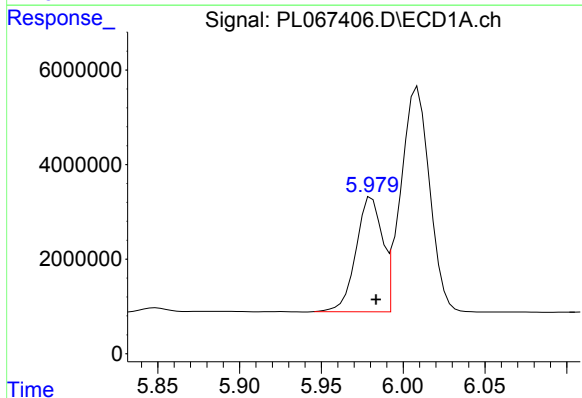
Manual Integrations  
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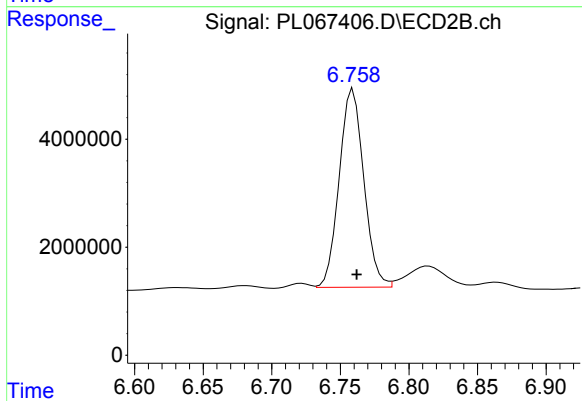
#5 Aldrin

R.T.: 7.522 min  
Delta R.T.: -0.003 min  
Response: 84597355  
Conc: 78.16 ng/ml



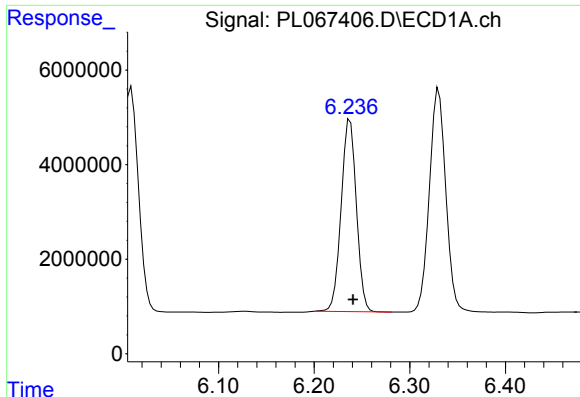
#6 beta-BHC

R.T.: 5.981 min  
Delta R.T.: -0.003 min  
Response: 27004771  
Conc: 75.47 ng/ml



#6 beta-BHC

R.T.: 6.758 min  
Delta R.T.: -0.004 min  
Response: 45832389  
Conc: 84.40 ng/ml m



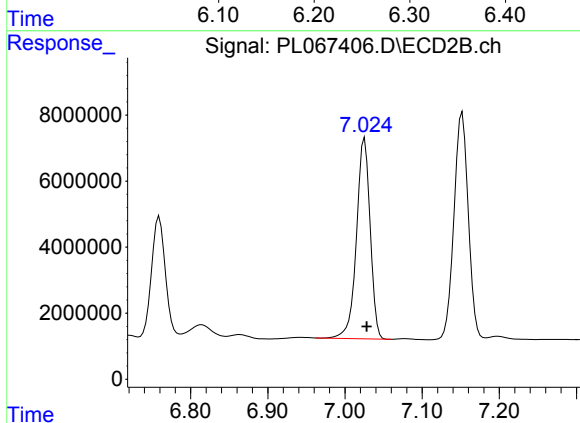
#7 delta-BHC

R.T.: 6.238 min  
Delta R.T.: -0.003 min  
Response: 45036970  
Conc: 60.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

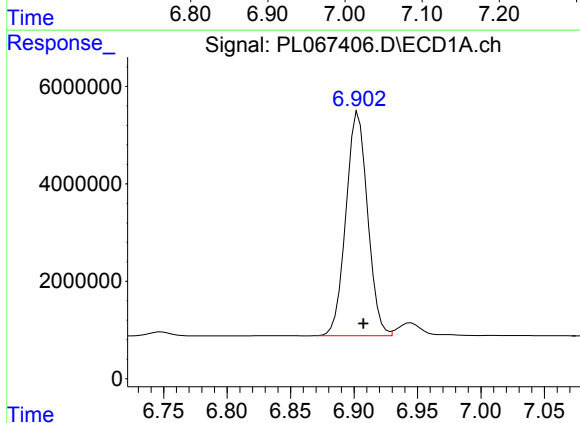
Manual Integrations  
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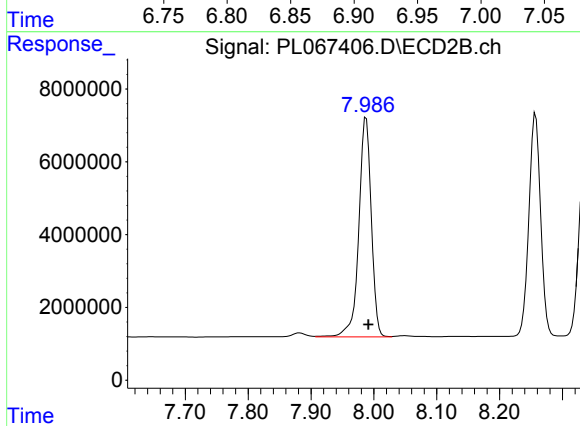
#7 delta-BHC

R.T.: 7.025 min  
Delta R.T.: -0.003 min  
Response: 75192396  
Conc: 63.97 ng/ml



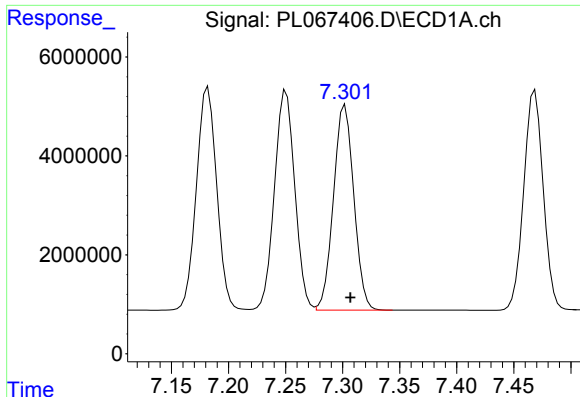
#8 Heptachlor epoxide

R.T.: 6.903 min  
Delta R.T.: -0.004 min  
Response: 54527582  
Conc: 77.93 ng/ml



#8 Heptachlor epoxide

R.T.: 7.988 min  
Delta R.T.: -0.003 min  
Response: 83388312  
Conc: 83.24 ng/ml



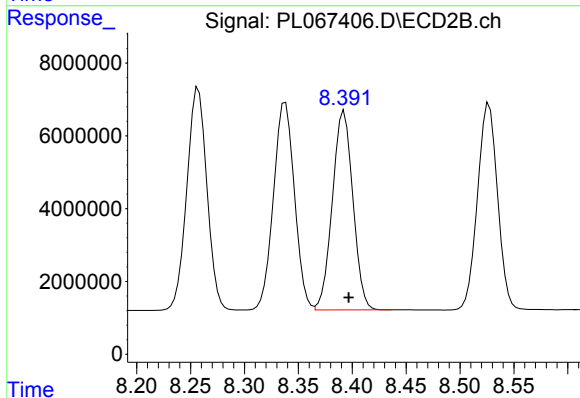
#9 Endosulfan I

R.T.: 7.302 min  
Delta R.T.: -0.005 min  
Response: 51553788  
Conc: 76.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

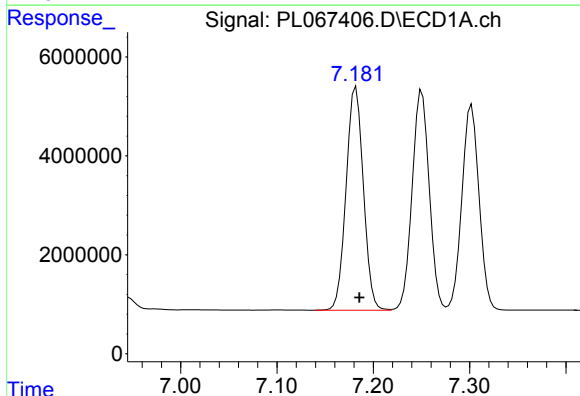
Manual Integrations  
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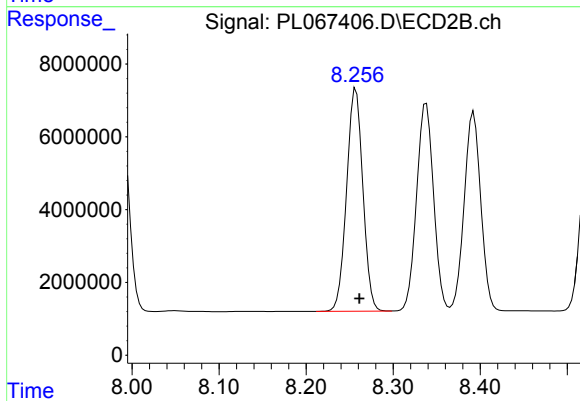
#9 Endosulfan I

R.T.: 8.392 min  
Delta R.T.: -0.004 min  
Response: 72475717  
Conc: 79.37 ng/ml



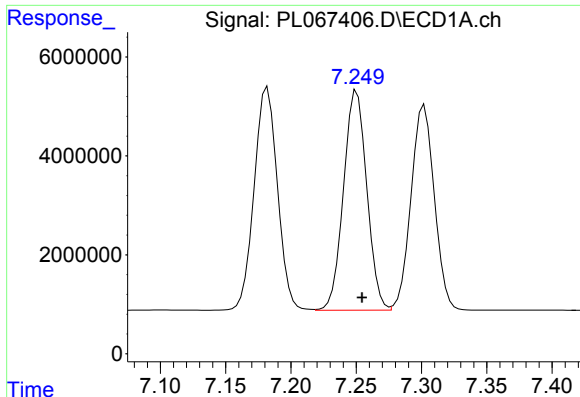
#10 gamma-Chlordane

R.T.: 7.182 min  
Delta R.T.: -0.004 min  
Response: 55975118  
Conc: 77.21 ng/ml



#10 gamma-Chlordane

R.T.: 8.257 min  
Delta R.T.: -0.004 min  
Response: 79434857  
Conc: 78.67 ng/ml



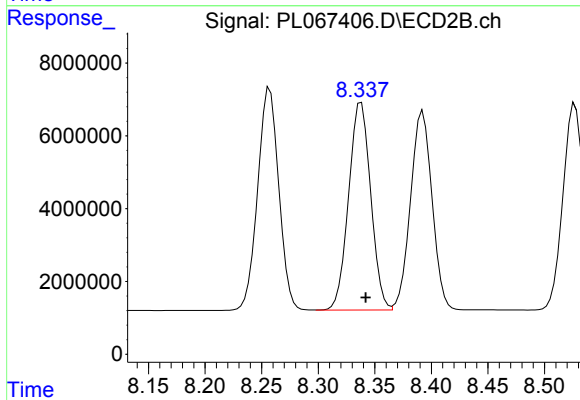
#11 alpha-Chlordane

R.T.: 7.250 min  
Delta R.T.: -0.004 min  
Response: 55146957  
Conc: 75.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

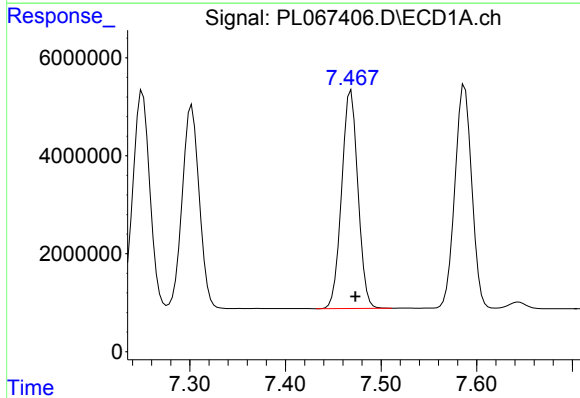
Manual Integrations  
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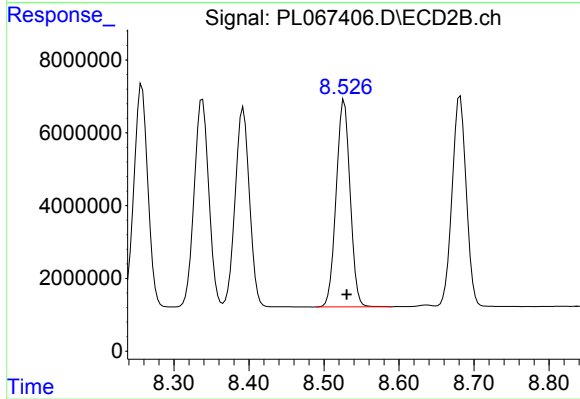
#11 alpha-Chlordane

R.T.: 8.338 min  
Delta R.T.: -0.004 min  
Response: 77591063  
Conc: 76.85 ng/ml



#12 4,4'-DDE

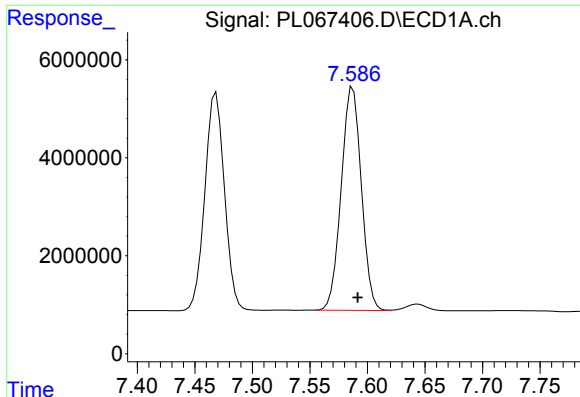
R.T.: 7.469 min  
Delta R.T.: -0.004 min  
Response: 52801290  
Conc: 79.36 ng/ml



#12 4,4'-DDE

R.T.: 8.527 min  
Delta R.T.: -0.003 min  
Response: 73619524  
Conc: 81.26 ng/ml





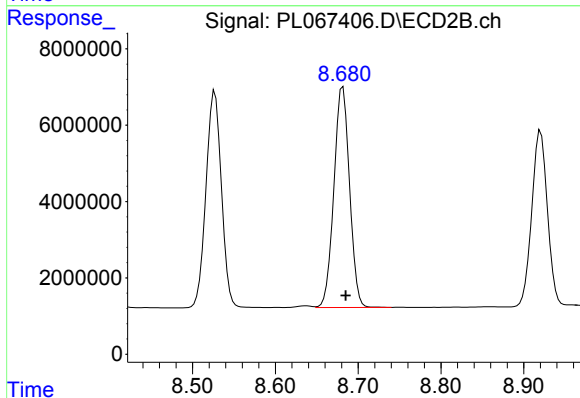
#13 Dieldrin

R.T.: 7.587 min  
Delta R.T.: -0.004 min  
Response: 55733711  
Conc: 79.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

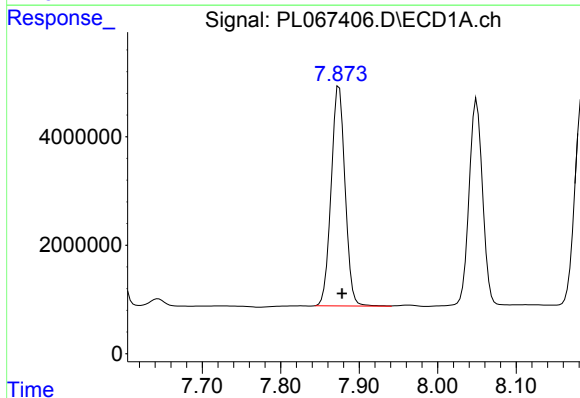
Manual Integrations  
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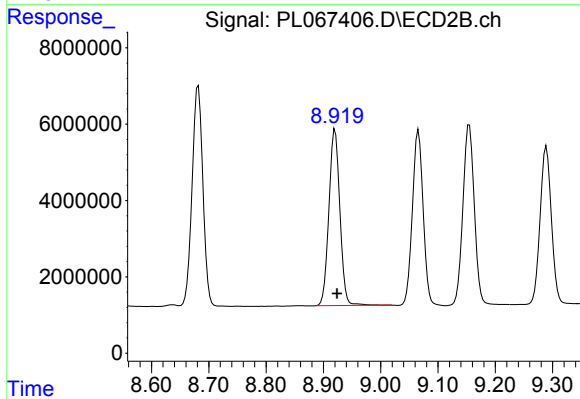
#13 Dieldrin

R.T.: 8.682 min  
Delta R.T.: -0.004 min  
Response: 75905354  
Conc: 83.58 ng/ml



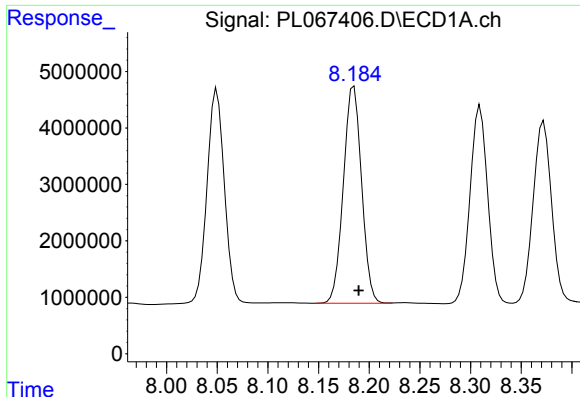
#14 Endrin

R.T.: 7.874 min  
Delta R.T.: -0.004 min  
Response: 49991868  
Conc: 76.25 ng/ml



#14 Endrin

R.T.: 8.920 min  
Delta R.T.: -0.003 min  
Response: 61483881  
Conc: 80.38 ng/ml



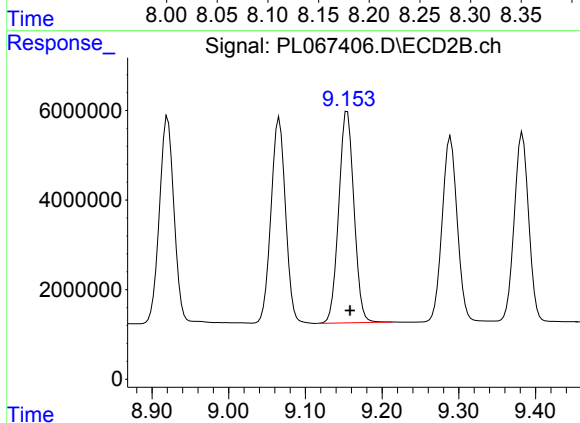
#15 Endosulfan II

R.T.: 8.185 min  
Delta R.T.: -0.005 min  
Response: 47926875  
Conc: 77.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

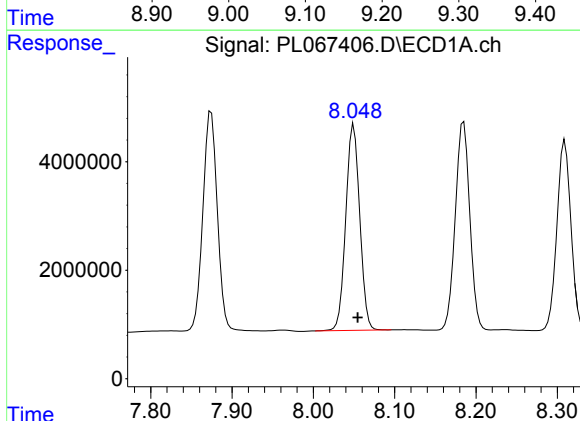
Manual Integrations  
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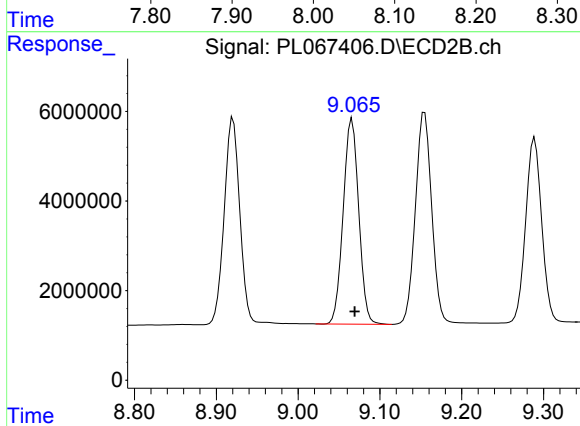
#15 Endosulfan II

R.T.: 9.155 min  
Delta R.T.: -0.004 min  
Response: 65321952  
Conc: 81.93 ng/ml



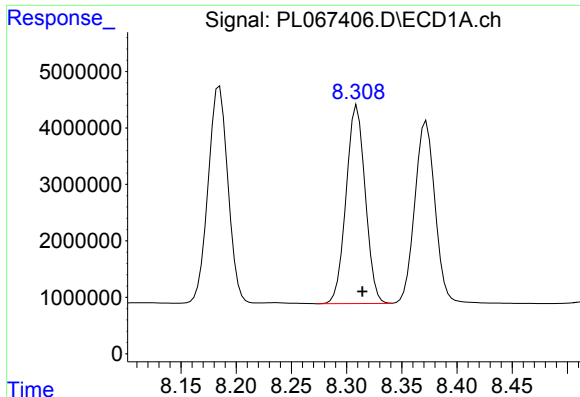
#16 4,4'-DDD

R.T.: 8.050 min  
Delta R.T.: -0.005 min  
Response: 45224966  
Conc: 77.80 ng/ml



#16 4,4'-DDD

R.T.: 9.066 min  
Delta R.T.: -0.003 min  
Response: 60251840  
Conc: 84.72 ng/ml



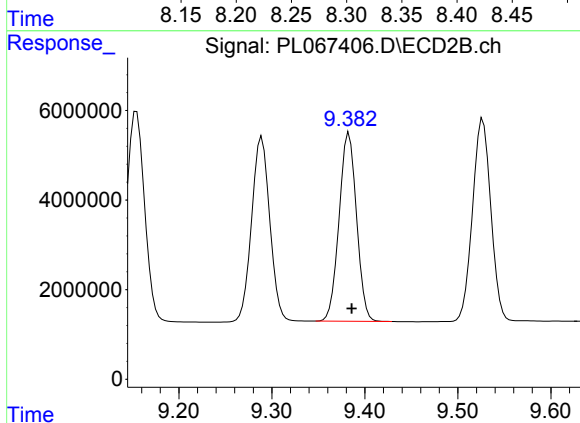
#17 4,4'-DDT

R.T.: 8.309 min  
Delta R.T.: -0.005 min  
Response: 42404062  
Conc: 72.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

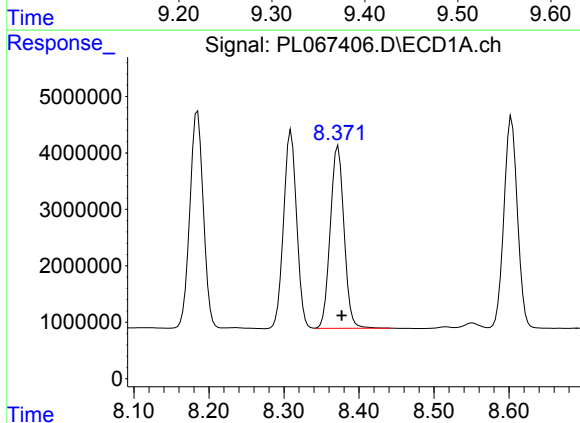
Manual Integrations  
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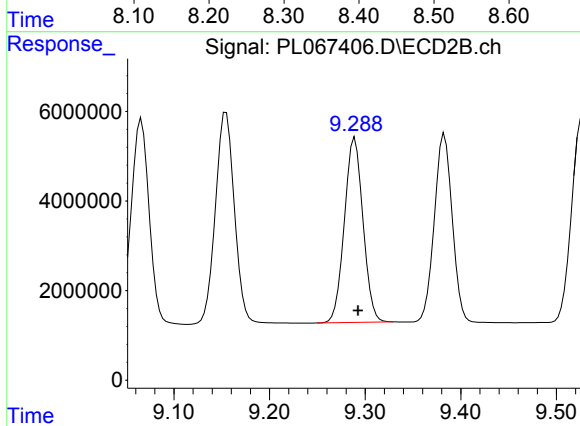
#17 4,4'-DDT

R.T.: 9.383 min  
Delta R.T.: -0.003 min  
Response: 54895435  
Conc: 74.88 ng/ml



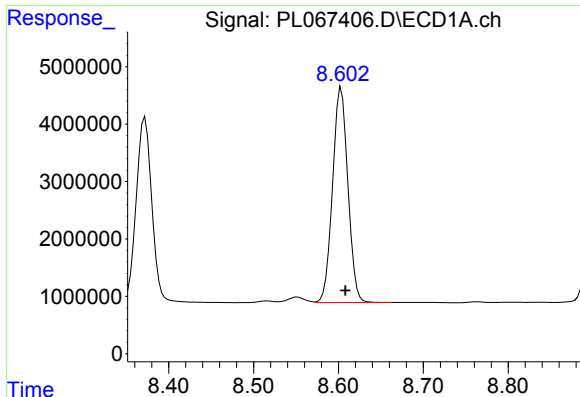
#18 Endrin aldehyde

R.T.: 8.372 min  
Delta R.T.: -0.005 min  
Response: 41246166  
Conc: 81.47 ng/ml



#18 Endrin aldehyde

R.T.: 9.289 min  
Delta R.T.: -0.003 min  
Response: 56011682  
Conc: 87.71 ng/ml



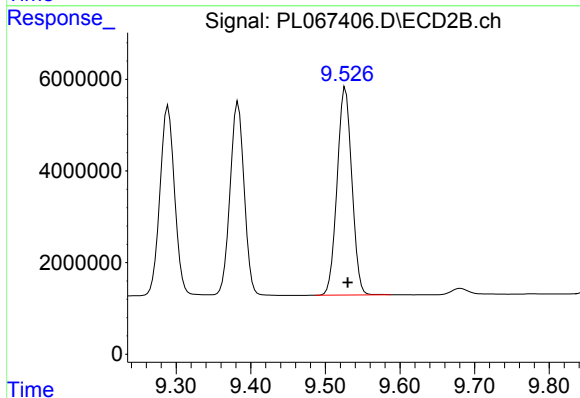
#19 Endosulfan Sulfate

R.T.: 8.603 min  
Delta R.T.: -0.005 min  
Response: 46979562  
Conc: 74.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

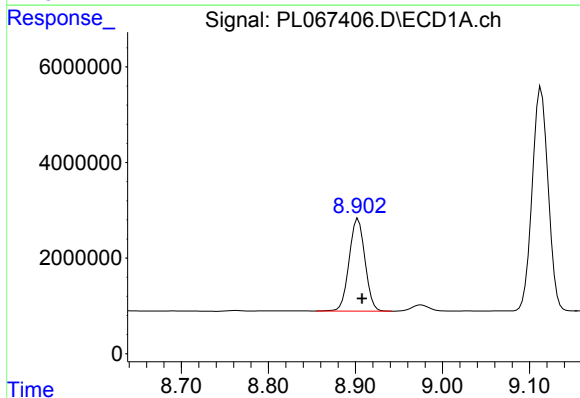
Manual Integrations  
APPROVED

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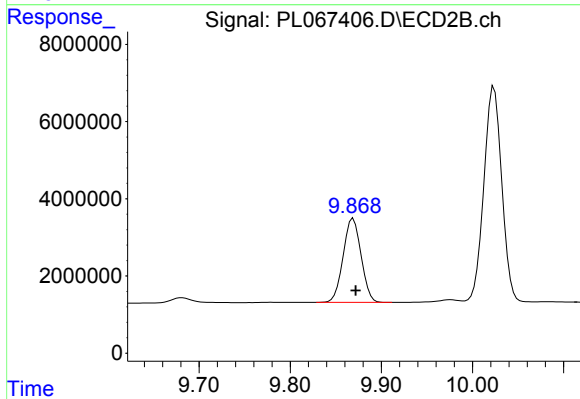
#19 Endosulfan Sulfate

R.T.: 9.527 min  
Delta R.T.: -0.003 min  
Response: 62158872  
Conc: 78.27 ng/ml



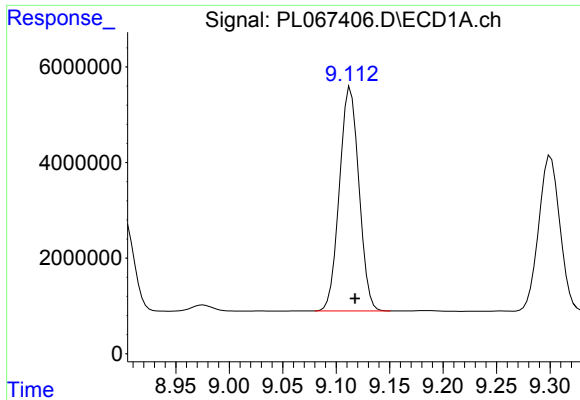
#20 Methoxychlor

R.T.: 8.903 min  
Delta R.T.: -0.005 min  
Response: 24455958  
Conc: 68.80 ng/ml



#20 Methoxychlor

R.T.: 9.869 min  
Delta R.T.: -0.003 min  
Response: 29709248  
Conc: 76.41 ng/ml



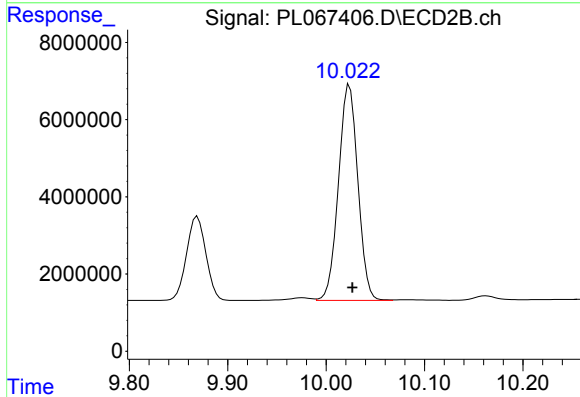
#21 Endrin ketone

R.T.: 9.113 min  
Delta R.T.: -0.004 min  
Response: 59474542  
Conc: 78.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

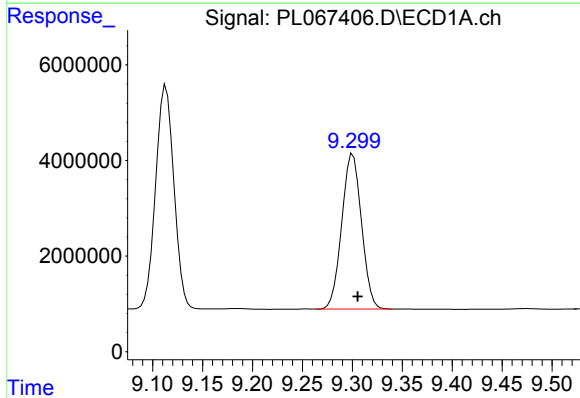
Manual Integrations  
APPROVED

Ankita  
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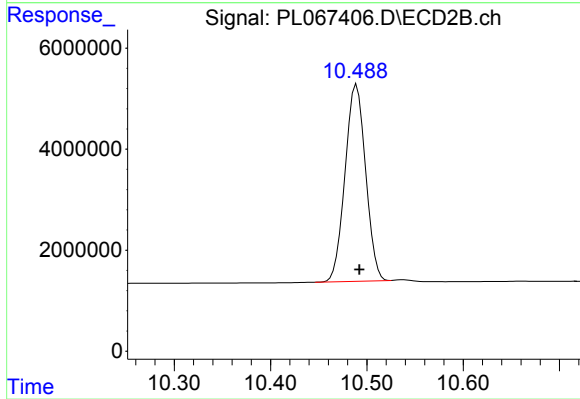
#21 Endrin ketone

R.T.: 10.024 min  
Delta R.T.: -0.003 min  
Response: 76629012  
Conc: 84.54 ng/ml



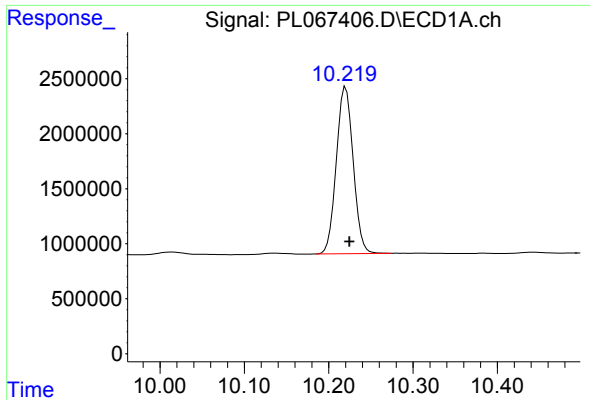
#22 Mirex

R.T.: 9.300 min  
Delta R.T.: -0.005 min  
Response: 44657168  
Conc: 70.91 ng/ml



#22 Mirex

R.T.: 10.489 min  
Delta R.T.: -0.003 min  
Response: 57648501  
Conc: 76.25 ng/ml



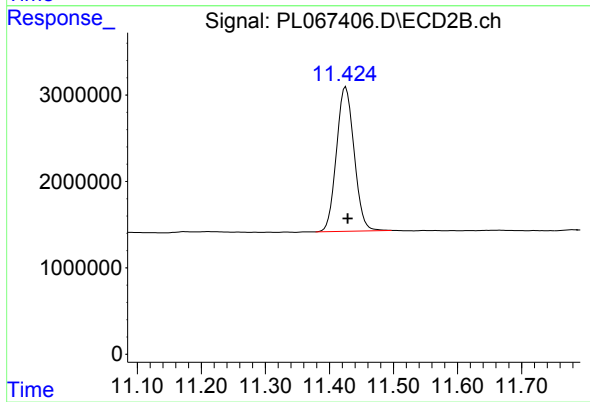
#28 Decachlorobiphenyl

R.T.: 10.220 min  
Delta R.T.: -0.004 min  
Response: 21064462  
Conc: 29.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B12(218-222)MS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.426 min  
Delta R.T.: -0.003 min  
Response: 31978379  
Conc: 32.10 ng/ml