

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060321\  
 Data File : PL067038.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2021 12:38  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 04 02:34:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 02 14:20:39 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... | 4.490  | 5.531  | 22195327 | 34777666 | 54.201  | 53.761  |
| 2)                          | SA Decachlor... | 10.231 | 11.437 | 31109356 | 38864565 | 48.110  | 46.581  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.189  | 6.112  | 30398327 | 44697509 | 57.479  | 56.624  |
| 3)                          | MA gamma-BHC... | 5.608  | 6.508  | 29396949 | 43216922 | 52.779  | 57.044  |
| 4)                          | MA Heptachlor   | 6.020  | 7.156  | 29903045 | 38734051 | 56.924  | 54.917  |
| 5)                          | MB Aldrin       | 6.340  | 7.525  | 29961050 | 38661522 | 54.779m | 52.931m |
| 6)                          | B beta-BHC      | 5.991  | 6.763  | 14158392 | 21278469 | 53.155  | 56.426  |
| 7)                          | B delta-BHC     | 6.249  | 7.029  | 29805437 | 36171284 | 56.177  | 47.637  |
| 8)                          | B Heptachlo...  | 6.915  | 7.993  | 28760612 | 35389049 | 54.219  | 50.683  |
| 9)                          | A Endosulfan I  | 7.313  | 8.398  | 27561884 | 33221797 | 52.421m | 51.934  |
| 10)                         | B gamma-Chl...  | 7.194  | 8.262  | 30093671 | 36068107 | 52.523  | 50.788  |
| 11)                         | B alpha-Chl...  | 7.262  | 8.343  | 30371008 | 36711859 | 52.820  | 51.679  |
| 12)                         | B 4,4'-DDE      | 7.480  | 8.532  | 29161587 | 34595586 | 54.619  | 52.923  |
| 13)                         | MA Dieldrin     | 7.599  | 8.687  | 29259856 | 33480069 | 52.470  | 50.651  |
| 14)                         | MA Endrin       | 7.886  | 8.926  | 27389871 | 28365755 | 52.888  | 50.224  |
| 15)                         | B Endosulfa...  | 8.195  | 9.161  | 25923920 | 29538050 | 50.037m | 47.884  |
| 16)                         | A 4,4'-DDD      | 8.062  | 9.072  | 24787087 | 27953957 | 54.706  | 51.728  |
| 17)                         | MA 4,4'-DDT     | 8.322  | 9.389  | 26092298 | 28831055 | 56.601  | 55.289  |
| 18)                         | B Endrin al...  | 8.384  | 9.294  | 21290807 | 24691246 | 46.251  | 45.379m |
| 19)                         | B Endosulfa...  | 8.615  | 9.533  | 26914431 | 29968629 | 48.720  | 48.165  |
| 20)                         | A Methoxychlor  | 8.915  | 9.875  | 16458521 | 16944209 | 55.209  | 53.347  |
| 21)                         | B Endrin ke...  | 9.124  | 10.031 | 32656159 | 34789919 | 51.027  | 47.982  |
| 22)                         | Mirex           | 9.312  | 10.496 | 27145319 | 28577220 | 46.925  | 44.400  |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060321\  
Data File : PL067038.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jun 2021 12:38  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

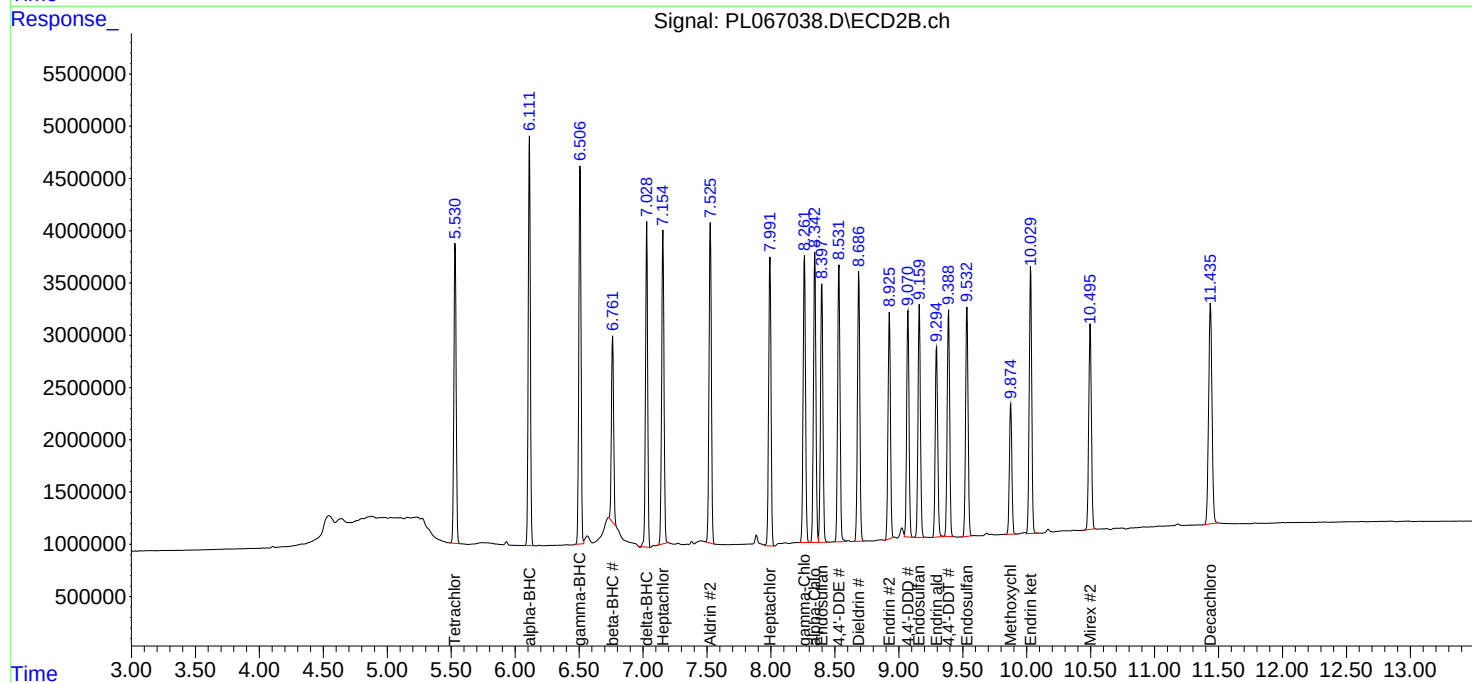
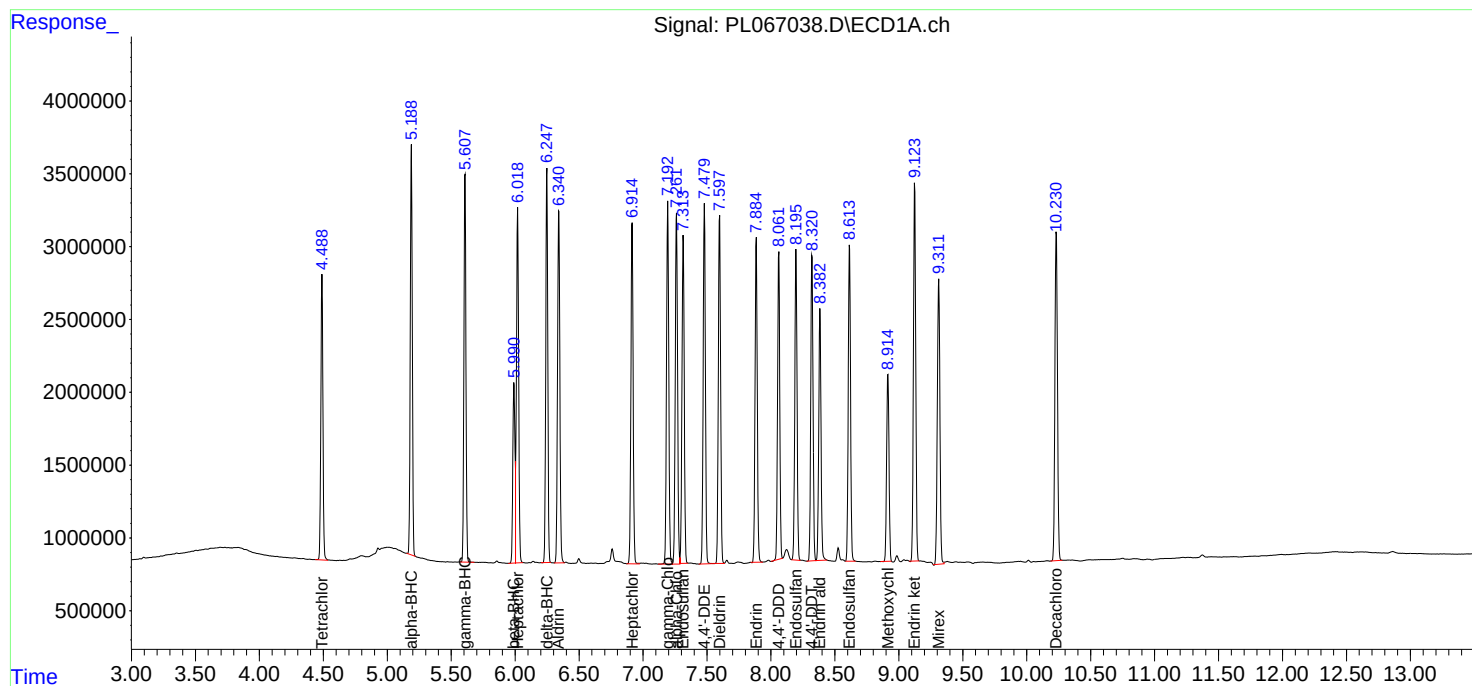
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

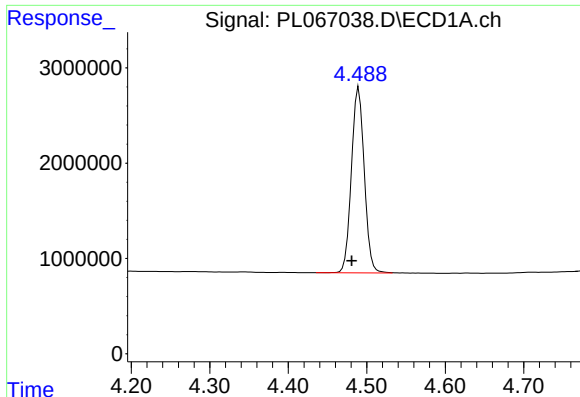
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 02:34:58 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 02 14:20:39 2021  
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





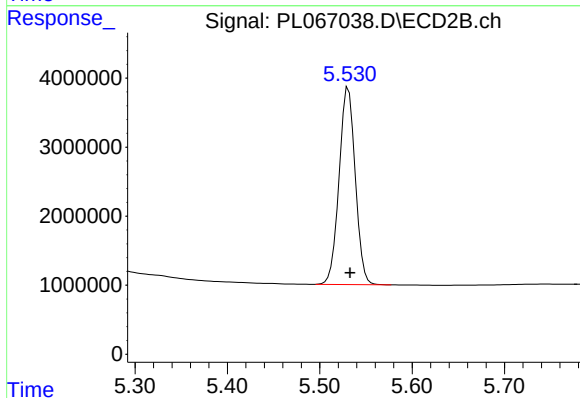
#1 Tetrachloro-m-xylene

R.T.: 4.490 min  
Delta R.T.: 0.009 min  
Response: 22195327  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

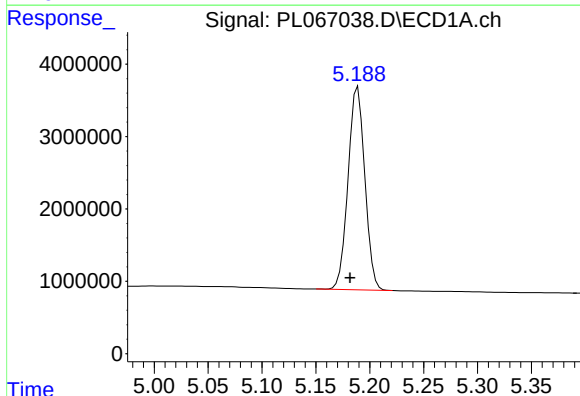
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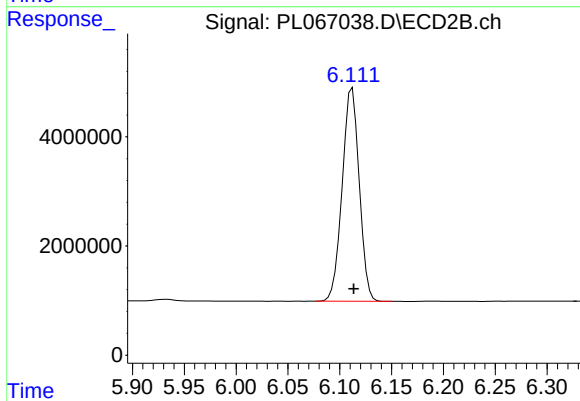
#1 Tetrachloro-m-xylene

R.T.: 5.531 min  
Delta R.T.: -0.002 min  
Response: 34777666  
Conc: 53.76 ng/ml



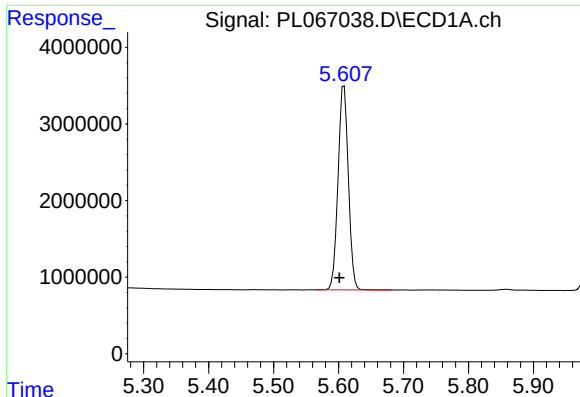
#2 alpha-BHC

R.T.: 5.189 min  
Delta R.T.: 0.007 min  
Response: 30398327  
Conc: 57.48 ng/ml



#2 alpha-BHC

R.T.: 6.112 min  
Delta R.T.: -0.001 min  
Response: 44697509  
Conc: 56.62 ng/ml



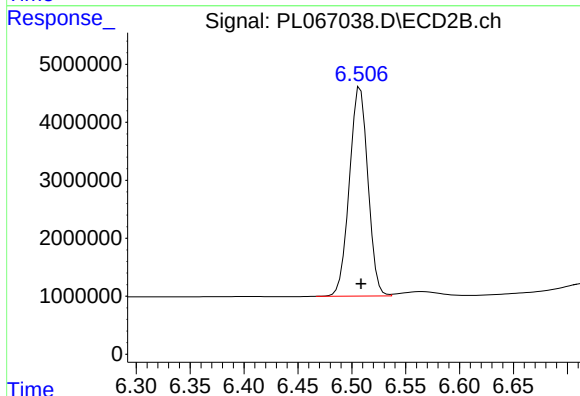
#3 gamma-BHC (Lindane)

R.T.: 5.608 min  
Delta R.T.: 0.007 min  
Response: 29396949  
Conc: 52.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

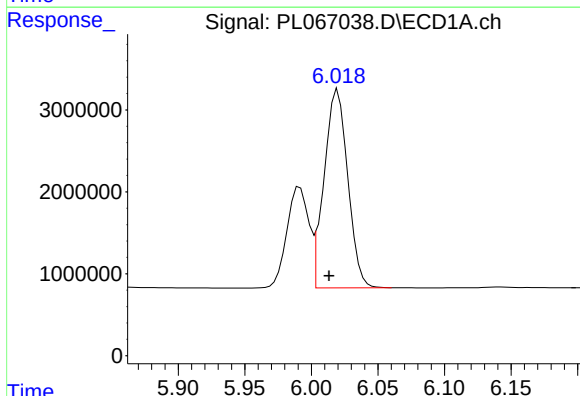
Manual Integrations  
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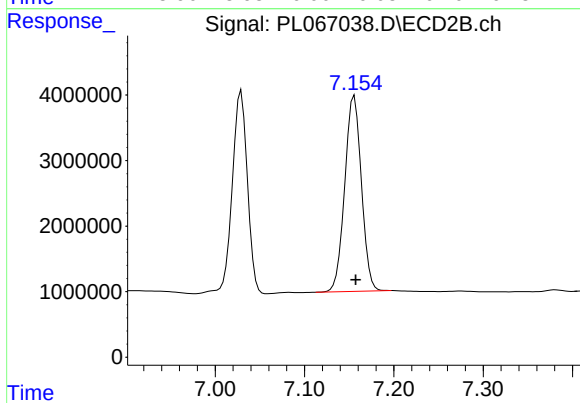
#3 gamma-BHC (Lindane)

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 43216922  
Conc: 57.04 ng/ml



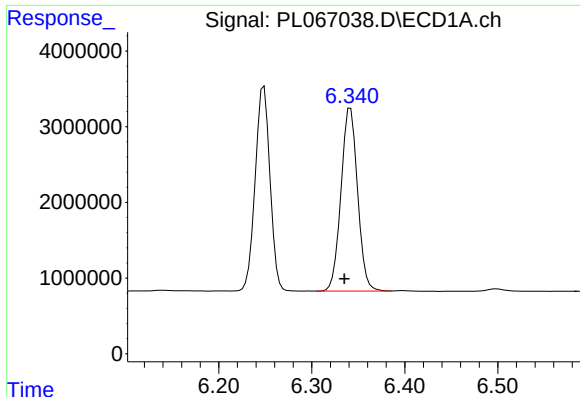
#4 Heptachlor

R.T.: 6.020 min  
Delta R.T.: 0.007 min  
Response: 29903045  
Conc: 56.92 ng/ml



#4 Heptachlor

R.T.: 7.156 min  
Delta R.T.: -0.001 min  
Response: 38734051  
Conc: 54.92 ng/ml



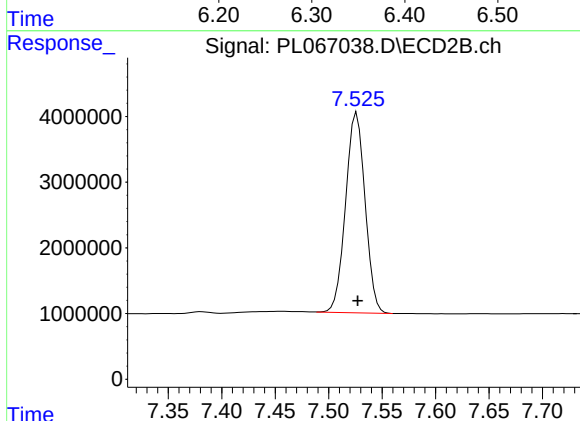
#5 Aldrin

R.T.: 6.340 min  
Delta R.T.: 0.005 min  
Response: 29961050  
Conc: 54.78 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

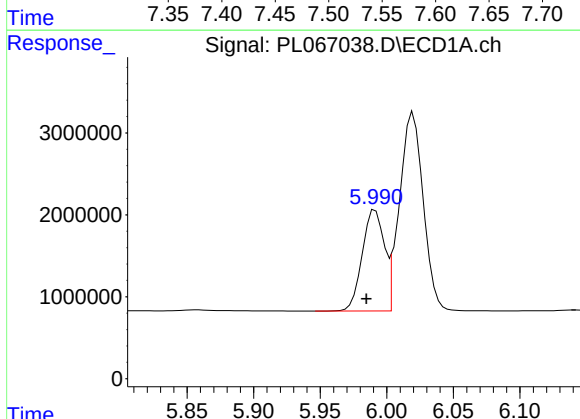
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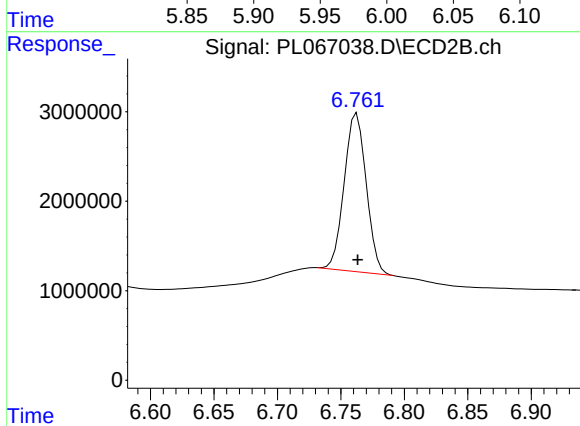
#5 Aldrin

R.T.: 7.525 min  
Delta R.T.: -0.002 min  
Response: 38661522  
Conc: 52.93 ng/ml m



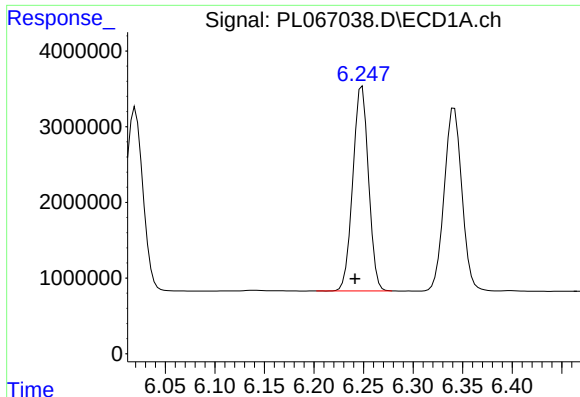
#6 beta-BHC

R.T.: 5.991 min  
Delta R.T.: 0.007 min  
Response: 14158392  
Conc: 53.16 ng/ml



#6 beta-BHC

R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 21278469  
Conc: 56.43 ng/ml



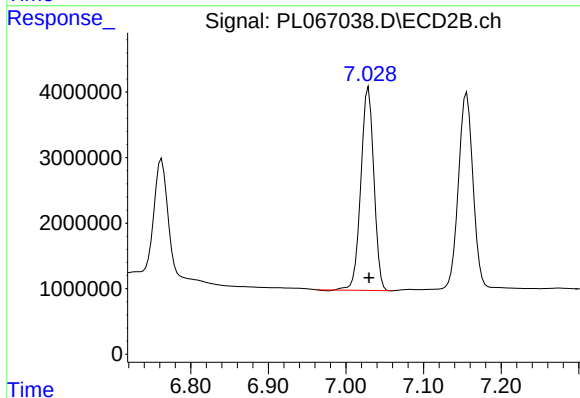
#7 delta-BHC

R.T.: 6.249 min  
Delta R.T.: 0.007 min  
Response: 29805437  
Conc: 56.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

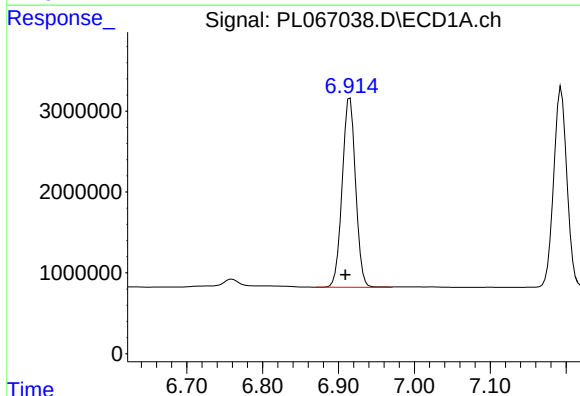
Manual Integrations  
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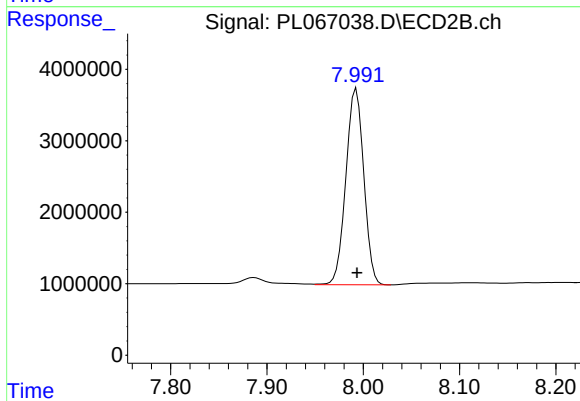
#7 delta-BHC

R.T.: 7.029 min  
Delta R.T.: 0.000 min  
Response: 36171284  
Conc: 47.64 ng/ml



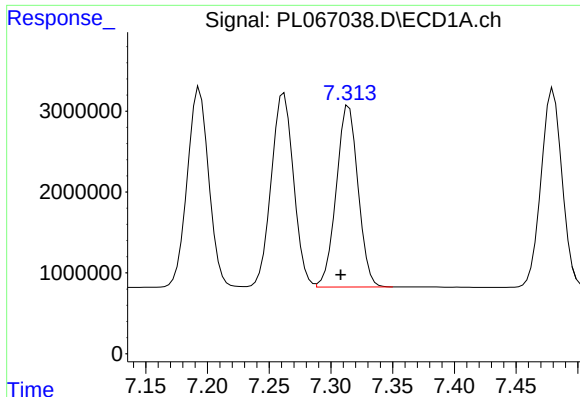
#8 Heptachlor epoxide

R.T.: 6.915 min  
Delta R.T.: 0.006 min  
Response: 28760612  
Conc: 54.22 ng/ml



#8 Heptachlor epoxide

R.T.: 7.993 min  
Delta R.T.: 0.000 min  
Response: 35389049  
Conc: 50.68 ng/ml



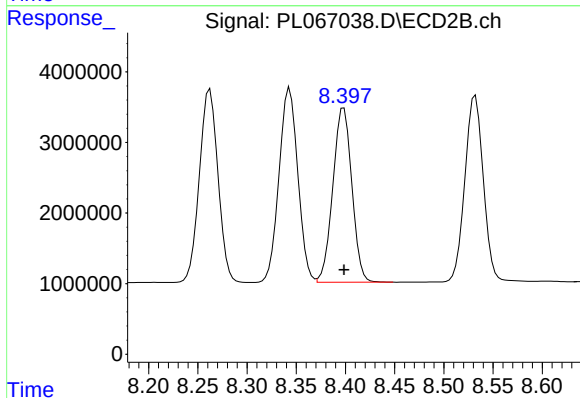
#9 Endosulfan I

R.T.: 7.313 min  
Delta R.T.: 0.005 min  
Response: 27561884  
Conc: 52.42 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

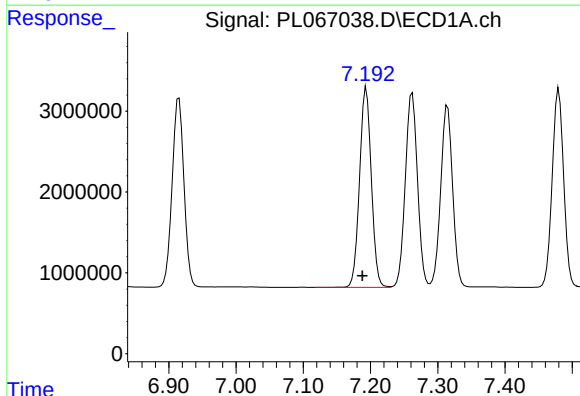
Manual Integrations  
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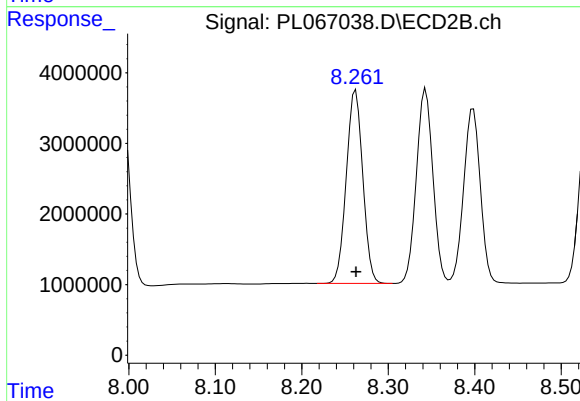
#9 Endosulfan I

R.T.: 8.398 min  
Delta R.T.: 0.000 min  
Response: 33221797  
Conc: 51.93 ng/ml



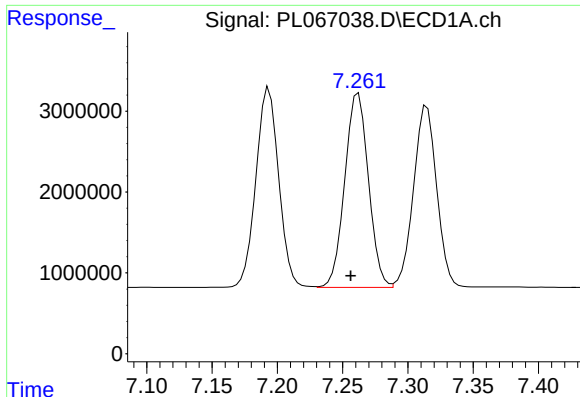
#10 gamma-Chlordane

R.T.: 7.194 min  
Delta R.T.: 0.006 min  
Response: 30093671  
Conc: 52.52 ng/ml



#10 gamma-Chlordane

R.T.: 8.262 min  
Delta R.T.: 0.000 min  
Response: 36068107  
Conc: 50.79 ng/ml



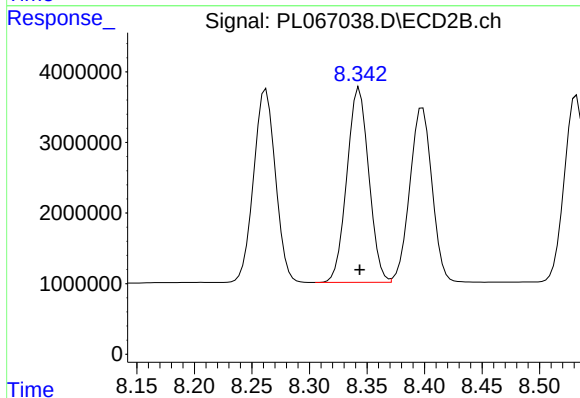
#11 alpha-Chlordane

R.T.: 7.262 min  
Delta R.T.: 0.006 min  
Response: 30371008  
Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

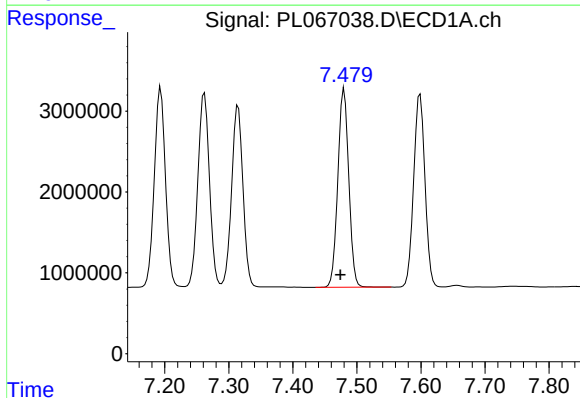
Manual Integrations  
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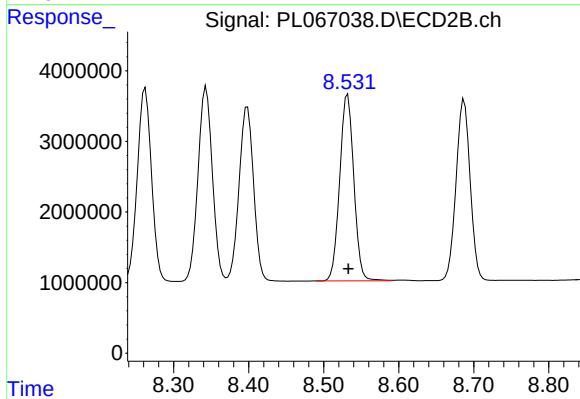
#11 alpha-Chlordane

R.T.: 8.343 min  
Delta R.T.: 0.000 min  
Response: 36711859  
Conc: 51.68 ng/ml



#12 4,4'-DDE

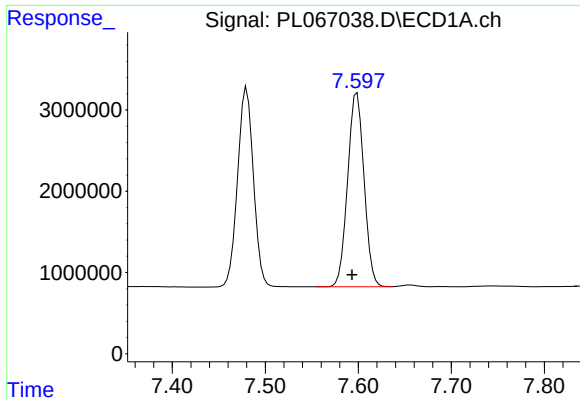
R.T.: 7.480 min  
Delta R.T.: 0.006 min  
Response: 29161587  
Conc: 54.62 ng/ml



#12 4,4'-DDE

R.T.: 8.532 min  
Delta R.T.: 0.000 min  
Response: 34595586  
Conc: 52.92 ng/ml





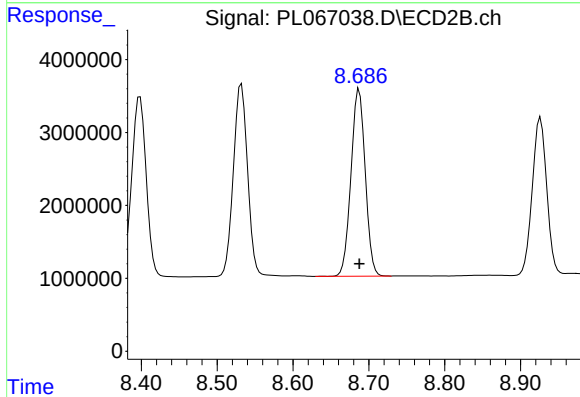
#13 Dieldrin

R.T.: 7.599 min  
Delta R.T.: 0.006 min  
Response: 29259856  
Conc: 52.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

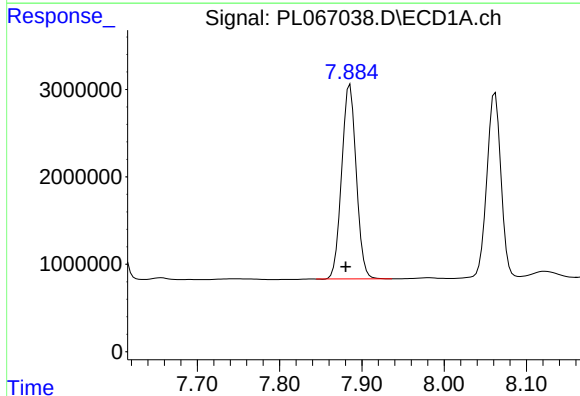
Manual Integrations  
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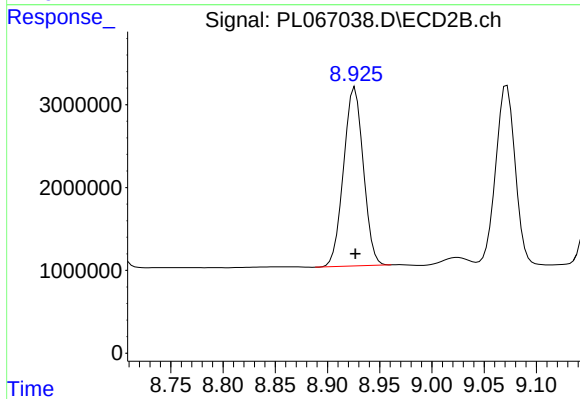
#13 Dieldrin

R.T.: 8.687 min  
Delta R.T.: 0.000 min  
Response: 33480069  
Conc: 50.65 ng/ml



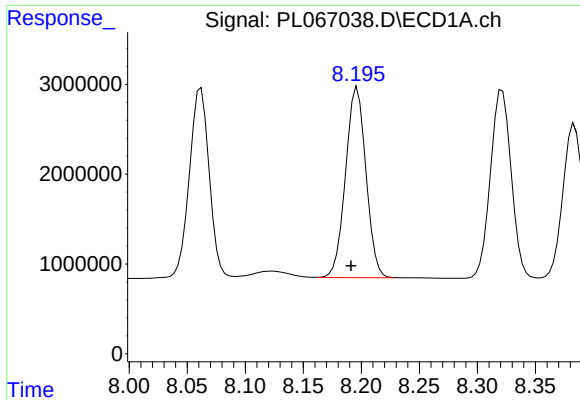
#14 Endrin

R.T.: 7.886 min  
Delta R.T.: 0.005 min  
Response: 27389871  
Conc: 52.89 ng/ml



#14 Endrin

R.T.: 8.926 min  
Delta R.T.: 0.000 min  
Response: 28365755  
Conc: 50.22 ng/ml



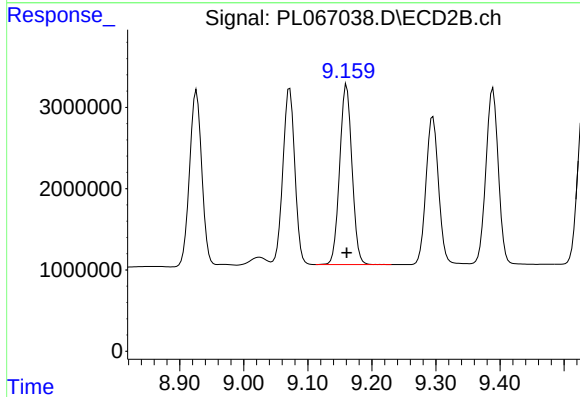
#15 Endosulfan II

R.T.: 8.195 min  
Delta R.T.: 0.004 min  
Response: 25923920  
Conc: 50.04 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

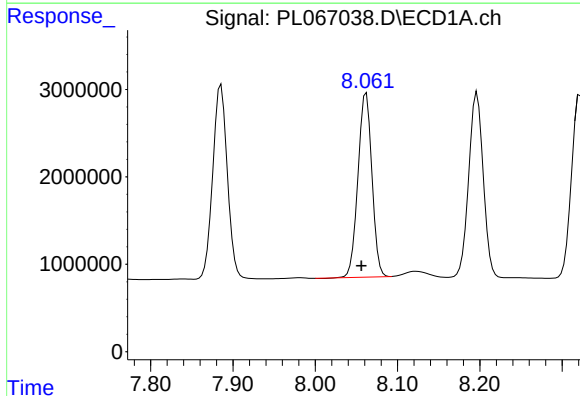
Manual Integrations  
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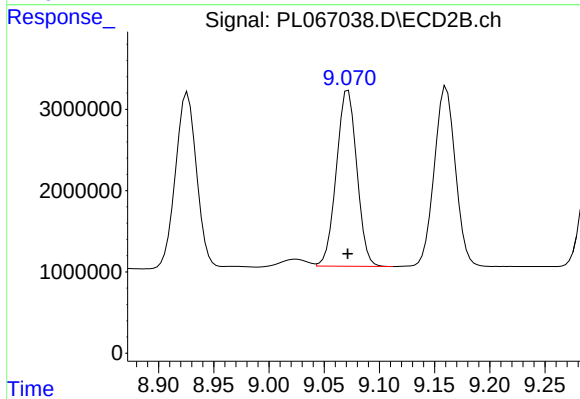
#15 Endosulfan II

R.T.: 9.161 min  
Delta R.T.: 0.000 min  
Response: 29538050  
Conc: 47.88 ng/ml



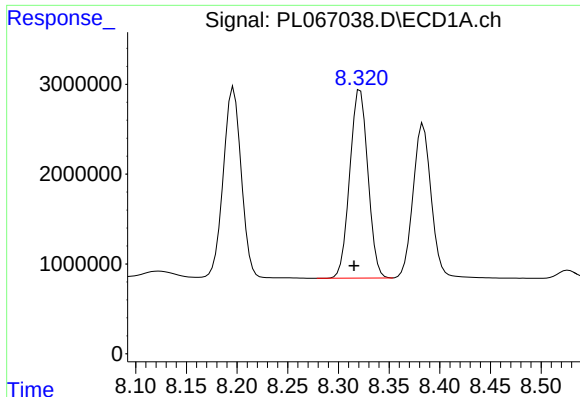
#16 4,4'-DDD

R.T.: 8.062 min  
Delta R.T.: 0.006 min  
Response: 24787087  
Conc: 54.71 ng/ml



#16 4,4'-DDD

R.T.: 9.072 min  
Delta R.T.: 0.000 min  
Response: 27953957  
Conc: 51.73 ng/ml



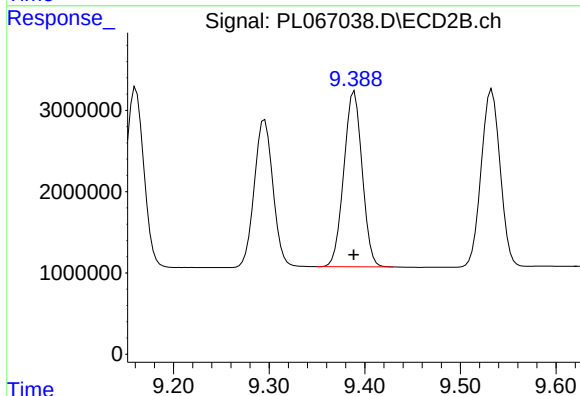
#17 4,4'-DDT

R.T.: 8.322 min  
Delta R.T.: 0.006 min  
Response: 26092298  
Conc: 56.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

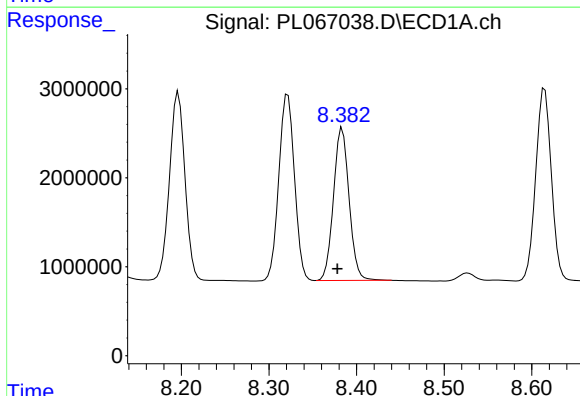
Manual Integrations  
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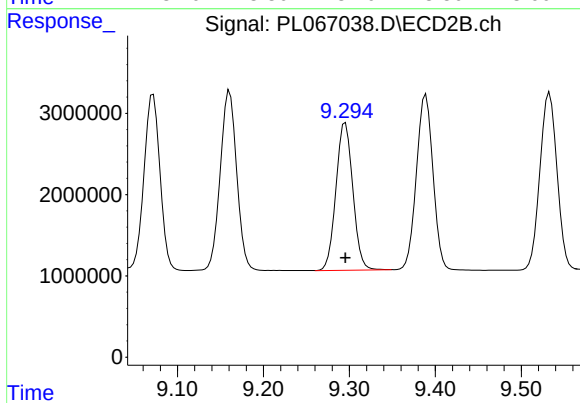
#17 4,4'-DDT

R.T.: 9.389 min  
Delta R.T.: 0.000 min  
Response: 28831055  
Conc: 55.29 ng/ml



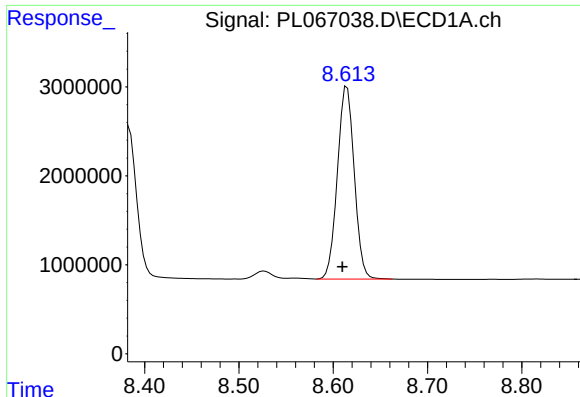
#18 Endrin aldehyde

R.T.: 8.384 min  
Delta R.T.: 0.006 min  
Response: 21290807  
Conc: 46.25 ng/ml



#18 Endrin aldehyde

R.T.: 9.294 min  
Delta R.T.: -0.002 min  
Response: 24691246  
Conc: 45.38 ng/ml m



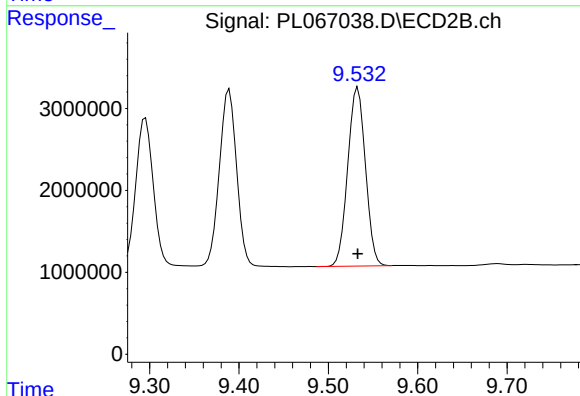
#19 Endosulfan Sulfate

R.T.: 8.615 min  
Delta R.T.: 0.005 min  
Response: 26914431  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

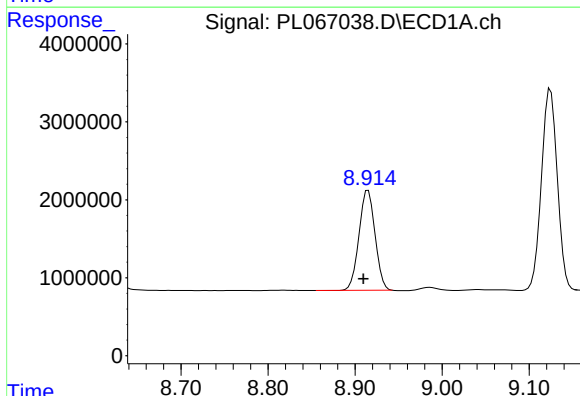
Manual Integrations  
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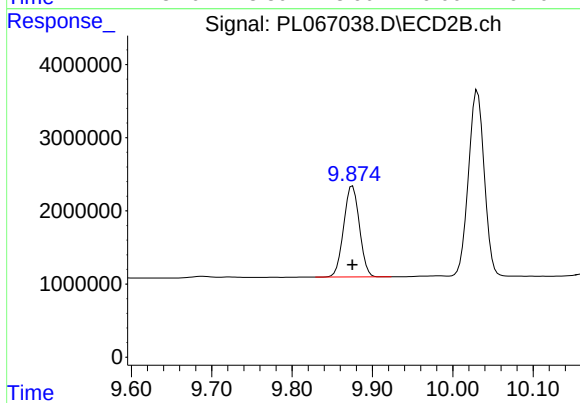
#19 Endosulfan Sulfate

R.T.: 9.533 min  
Delta R.T.: 0.000 min  
Response: 29968629  
Conc: 48.17 ng/ml



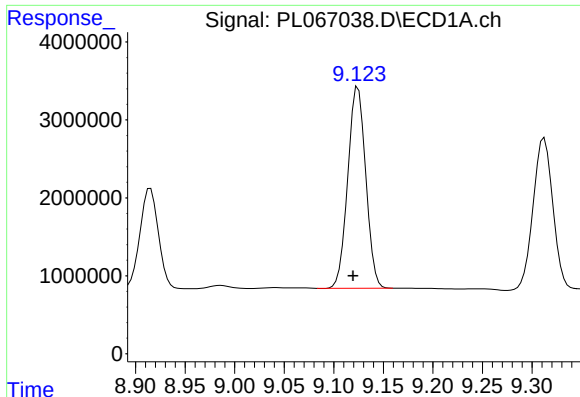
#20 Methoxychlor

R.T.: 8.915 min  
Delta R.T.: 0.005 min  
Response: 16458521  
Conc: 55.21 ng/ml



#20 Methoxychlor

R.T.: 9.875 min  
Delta R.T.: 0.000 min  
Response: 16944209  
Conc: 53.35 ng/ml



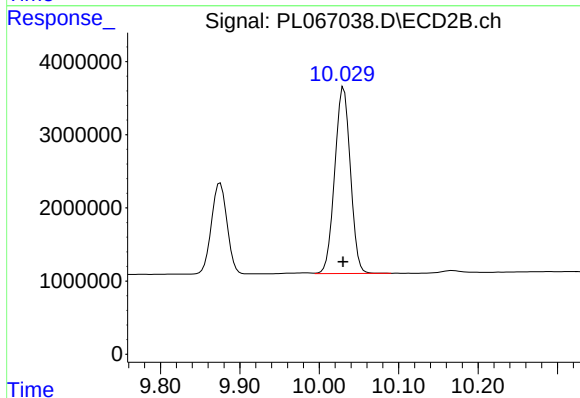
#21 Endrin ketone

R.T.: 9.124 min  
Delta R.T.: 0.005 min  
Response: 32656159  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

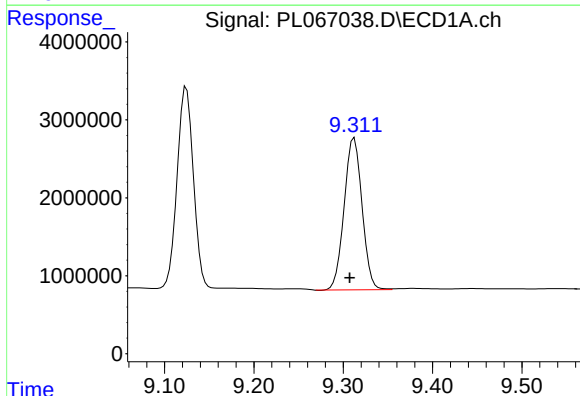
Manual Integrations  
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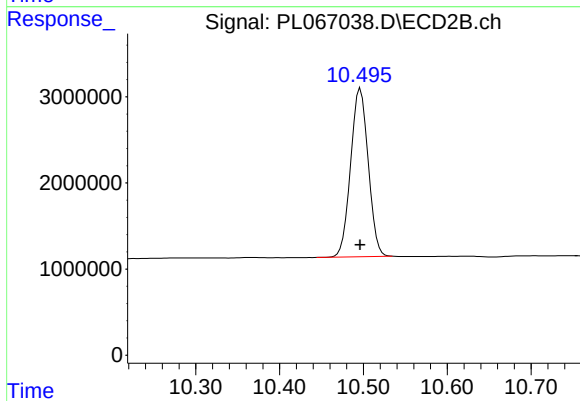
#21 Endrin ketone

R.T.: 10.031 min  
Delta R.T.: 0.000 min  
Response: 34789919  
Conc: 47.98 ng/ml



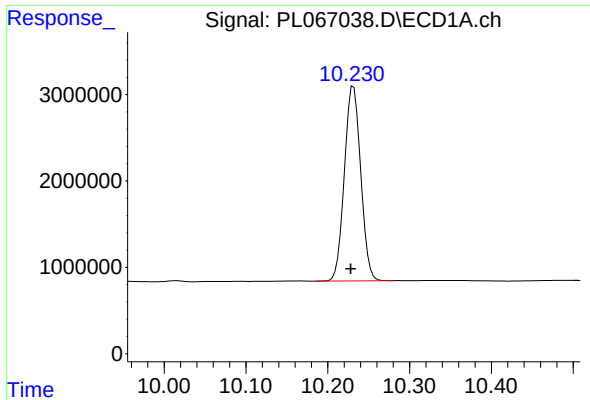
#22 Mirex

R.T.: 9.312 min  
Delta R.T.: 0.005 min  
Response: 27145319  
Conc: 46.92 ng/ml



#22 Mirex

R.T.: 10.496 min  
Delta R.T.: 0.000 min  
Response: 28577220  
Conc: 44.40 ng/ml



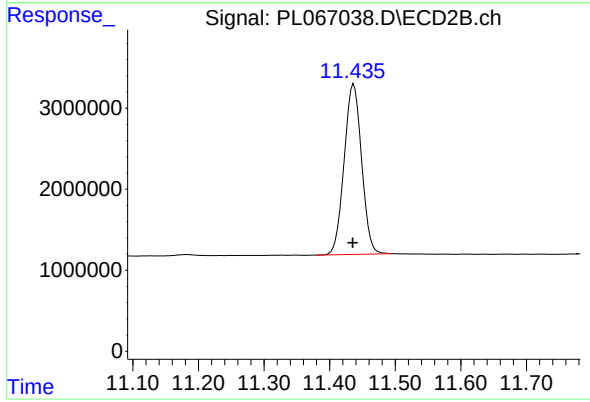
#28 Decachlorobiphenyl

R.T.: 10.231 min  
Delta R.T.: 0.003 min  
Response: 31109356  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.437 min  
Delta R.T.: 0.002 min  
Response: 38864565  
Conc: 46.58 ng/ml