

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072621\  
 Data File : PL068459.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jul 2021 12:09  
 Operator : AR\AJ  
 Sample : PB137933BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB137933BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 27 04:52:24 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 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... | 4.643  | 5.570  | 8829663  | 18911854 | 20.573  | 18.533   |
| 28)                         | SA Decachlor... | 10.419 | 11.493 | 10985346 | 16572213 | 19.532  | 18.579   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 5.350  | 6.150  | 32251132 | 64246928 | 55.093  | 47.254   |
| 3)                          | MA gamma-BHC... | 5.774  | 6.546  | 30824480 | 59541316 | 54.226  | 46.149   |
| 4)                          | MA Heptachlor   | 6.185  | 7.196  | 32575970 | 59192554 | 53.445  | 45.417   |
| 5)                          | MB Aldrin       | 6.511  | 7.567  | 30217667 | 54101851 | 53.773  | 45.599   |
| 6)                          | B beta-BHC      | 6.152  | 6.798  | 15251223 | 29403322 | 52.119  | 41.620   |
| 7)                          | B delta-BHC     | 6.414  | 7.067  | 30526359 | 58306005 | 54.636  | 47.589   |
| 8)                          | B Heptachlo...  | 7.088  | 8.033  | 29727727 | 51363053 | 53.510  | 45.429   |
| 9)                          | A Endosulfan I  | 7.491  | 8.439  | 28324967 | 47032194 | 53.618  | 45.681   |
| 10)                         | B gamma-Chl...  | 7.365  | 8.303  | 30748062 | 51422151 | 53.590  | 45.659   |
| 11)                         | B alpha-Chl...  | 7.435  | 8.384  | 30161205 | 50465523 | 52.514  | 44.870   |
| 12)                         | B 4,4'-DDE      | 7.649  | 8.571  | 29287000 | 47423917 | 58.118  | 46.017   |
| 13)                         | MA Dieldrin     | 7.778  | 8.729  | 29483947 | 50197246 | 54.774  | 47.327   |
| 14)                         | MA Endrin       | 8.068  | 8.968  | 27194317 | 38969283 | 54.379m | 43.582   |
| 15)                         | B Endosulfa...  | 8.379  | 9.201  | 26380808 | 42643859 | 53.434  | 47.048   |
| 16)                         | A 4,4'-DDD      | 8.235  | 9.110  | 23478188 | 39196245 | 52.561  | 46.033   |
| 17)                         | MA 4,4'-DDT     | 8.497  | 9.428  | 27736692 | 38769704 | 55.297  | 41.076 # |
| 18)                         | B Endrin al...  | 8.568  | 9.336  | 23879185 | 35552011 | 60.280  | 49.328   |
| 19)                         | B Endosulfa...  | 8.799  | 9.573  | 28358610 | 42090271 | 53.968  | 46.742   |
| 20)                         | A Methoxychlor  | 9.092  | 9.912  | 15287703 | 20829057 | 48.872  | 40.999   |
| 21)                         | B Endrin ke...  | 9.318  | 10.070 | 30680705 | 48449217 | 51.815  | 48.579m  |
| 22)                         | Mirex           | 9.507  | 10.537 | 24325331 | 34738488 | 49.259  | 44.903m  |
| -----                       |                 |        |        |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072621\  
Data File : PL068459.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jul 2021 12:09  
Operator : AR\AJ  
Sample : PB137933BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

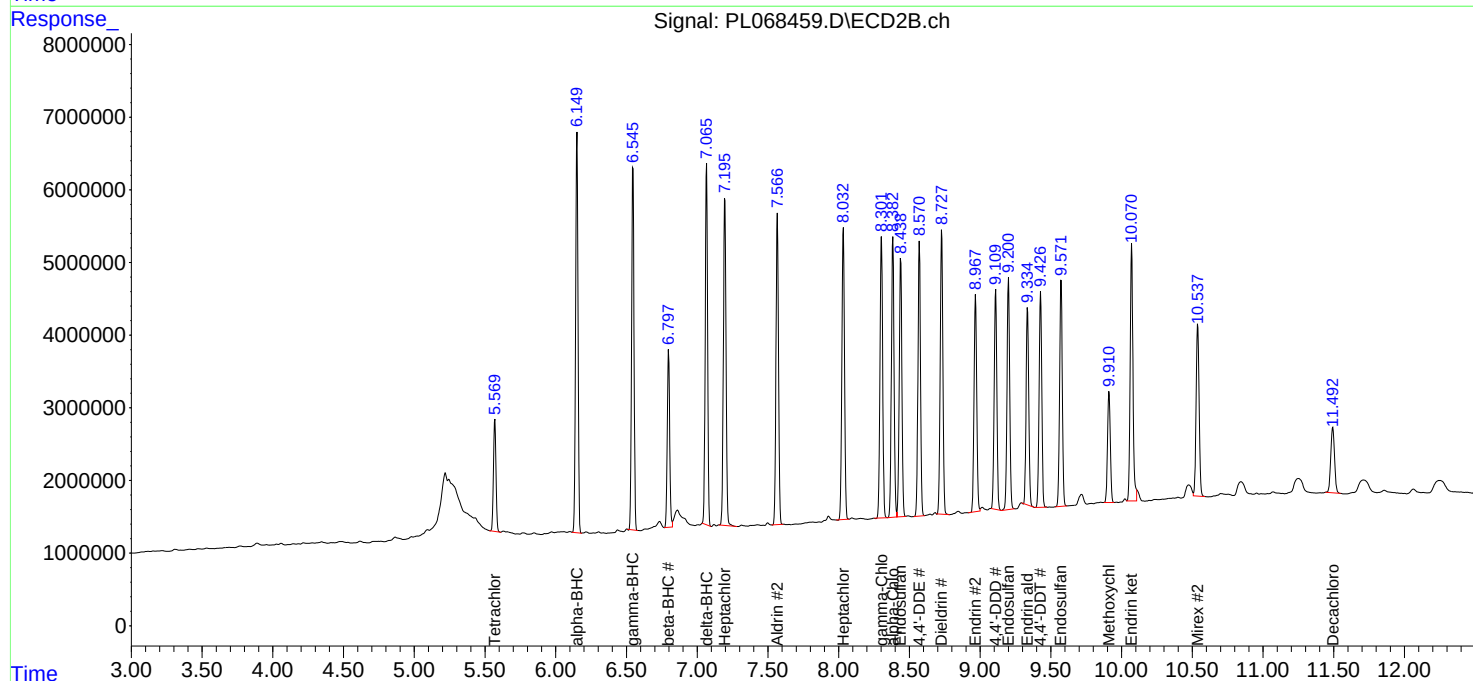
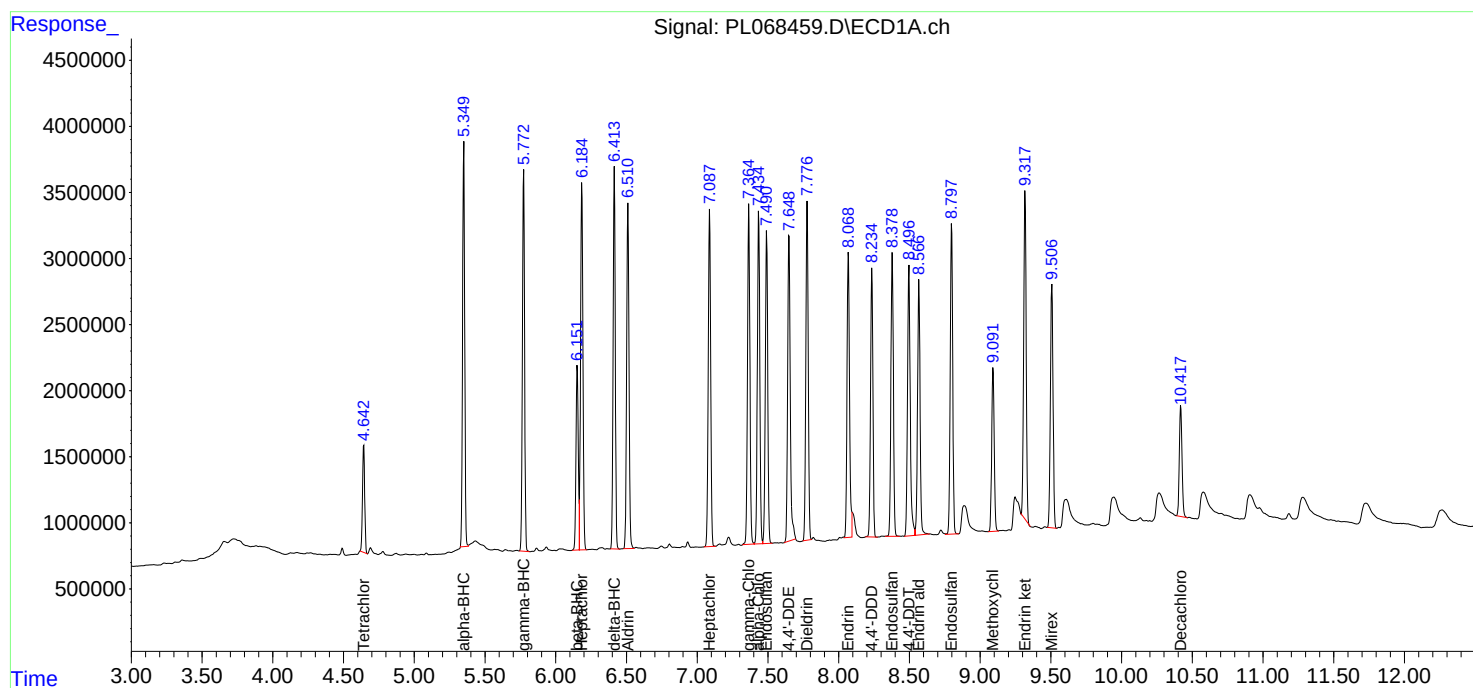
Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

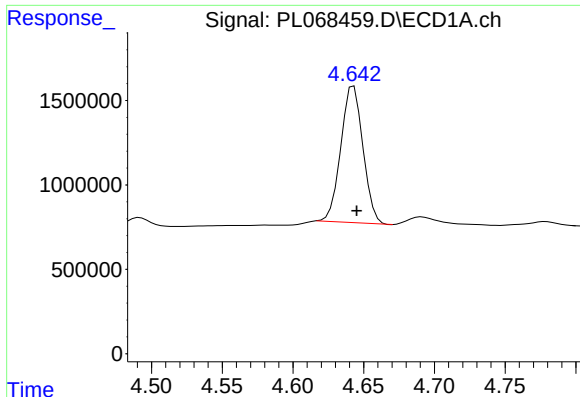
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 27 04:52:24 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 20 11:44:21 2021  
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





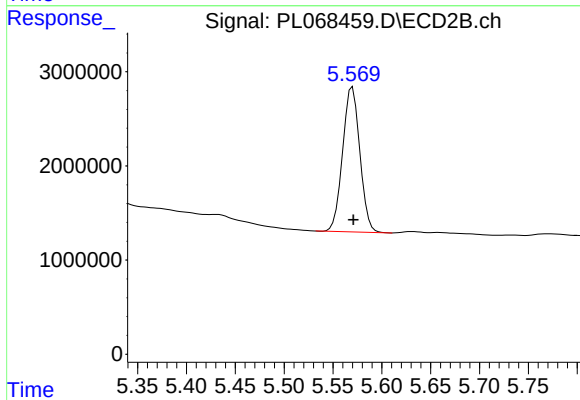
#1 Tetrachloro-m-xylene

R.T.: 4.643 min  
Delta R.T.: -0.002 min  
Response: 8829663  
Conc: 20.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

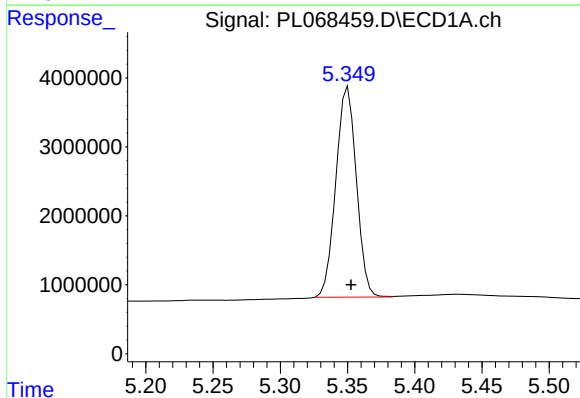
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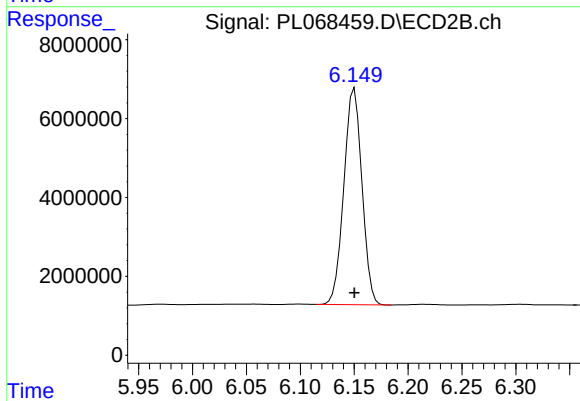
#1 Tetrachloro-m-xylene

R.T.: 5.570 min  
Delta R.T.: 0.000 min  
Response: 18911854  
Conc: 18.53 ng/ml



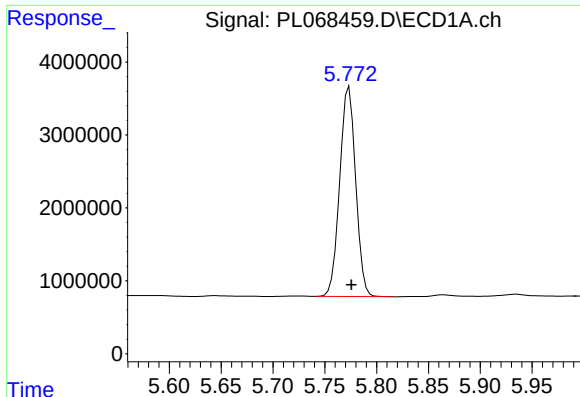
#2 alpha-BHC

R.T.: 5.350 min  
Delta R.T.: -0.002 min  
Response: 32251132  
Conc: 55.09 ng/ml



#2 alpha-BHC

R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 64246928  
Conc: 47.25 ng/ml



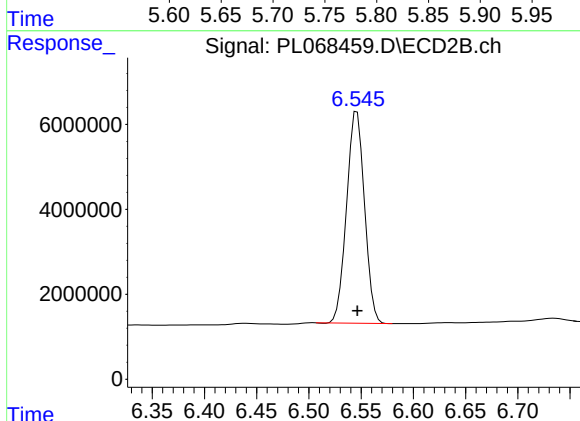
#3 gamma-BHC (Lindane)

R.T.: 5.774 min  
Delta R.T.: -0.002 min  
Response: 30824480  
Conc: 54.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

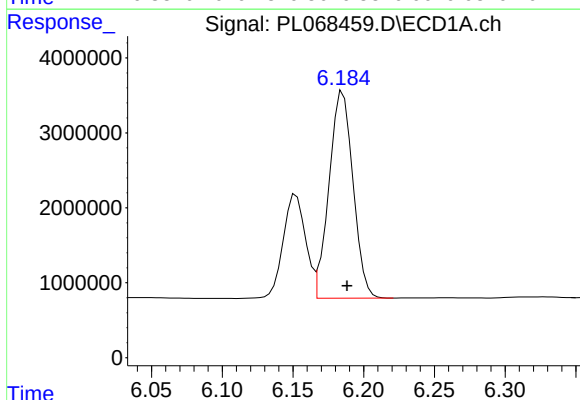
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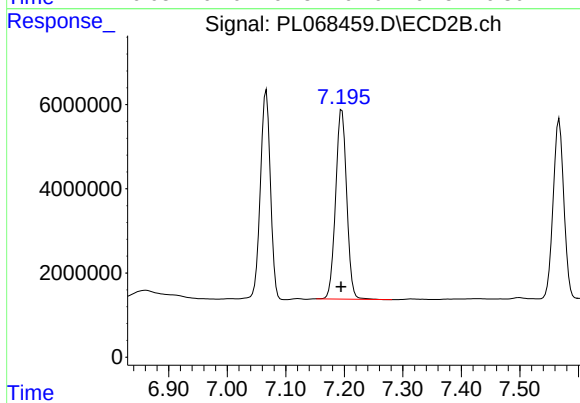
#3 gamma-BHC (Lindane)

R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 59541316  
Conc: 46.15 ng/ml



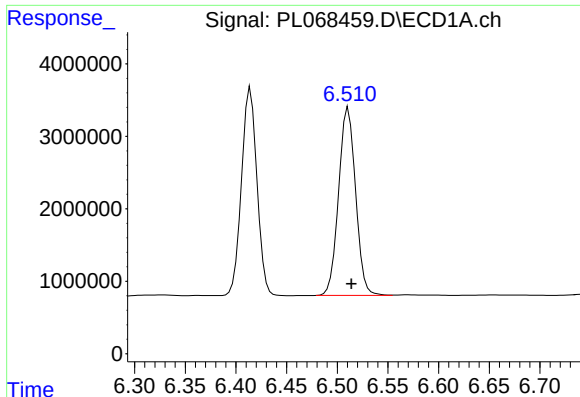
#4 Heptachlor

R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 32575970  
Conc: 53.45 ng/ml



#4 Heptachlor

R.T.: 7.196 min  
Delta R.T.: 0.001 min  
Response: 59192554  
Conc: 45.42 ng/ml



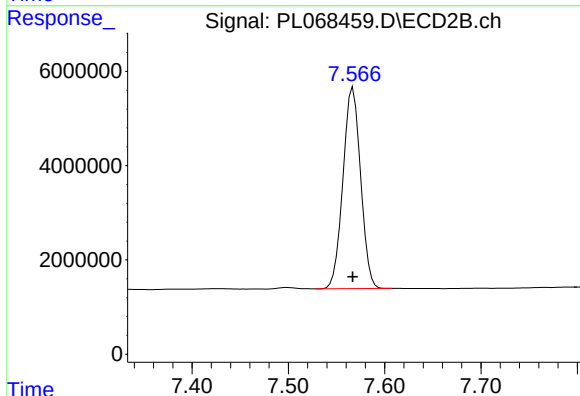
#5 Aldrin

R.T.: 6.511 min  
Delta R.T.: -0.003 min  
Response: 30217667  
Conc: 53.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

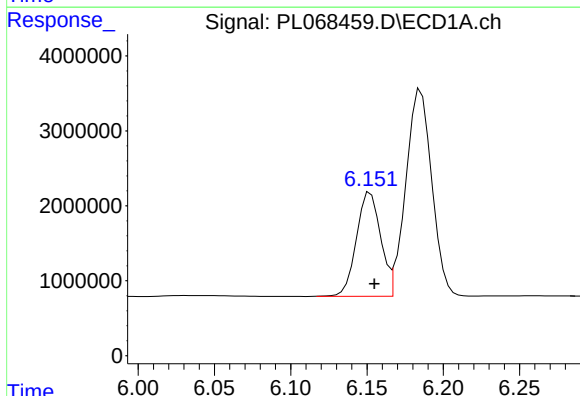
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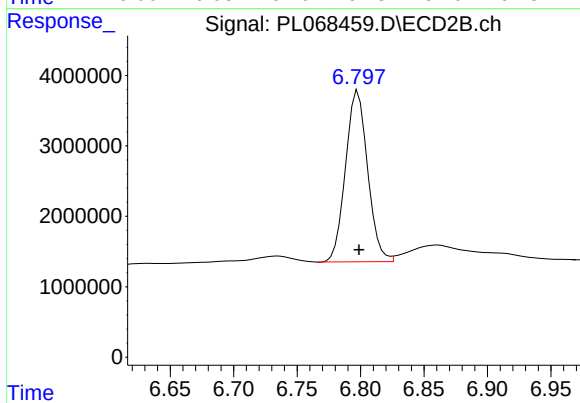
#5 Aldrin

R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 54101851  
Conc: 45.60 ng/ml



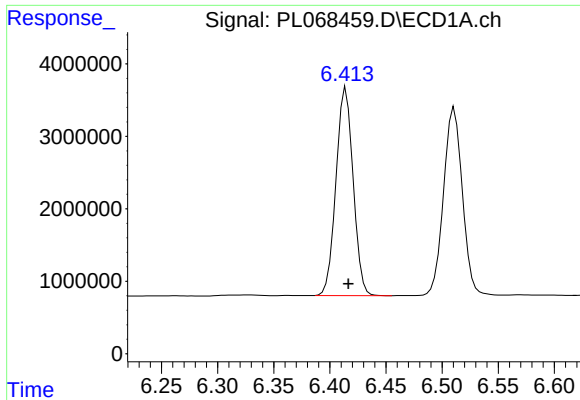
#6 beta-BHC

R.T.: 6.152 min  
Delta R.T.: -0.003 min  
Response: 15251223  
Conc: 52.12 ng/ml



#6 beta-BHC

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 29403322  
Conc: 41.62 ng/ml



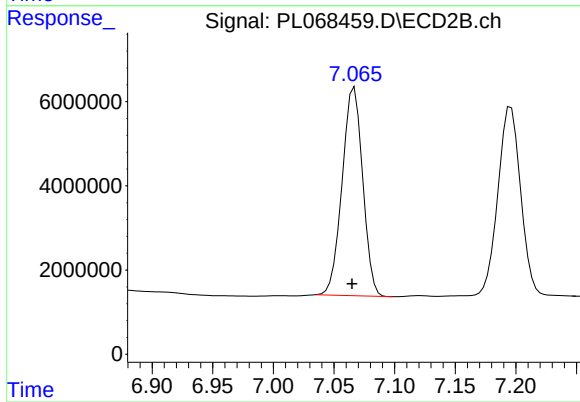
#7 delta-BHC

R.T.: 6.414 min  
Delta R.T.: -0.002 min  
Response: 30526359  
Conc: 54.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

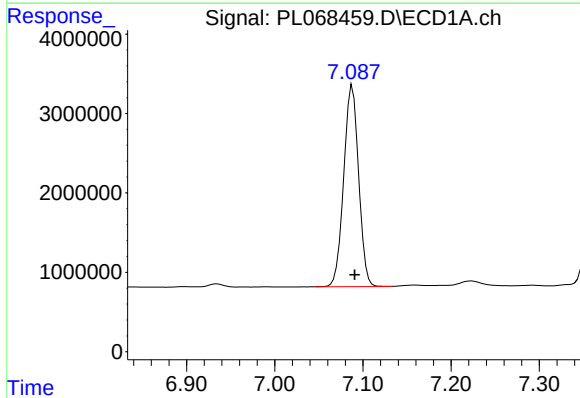
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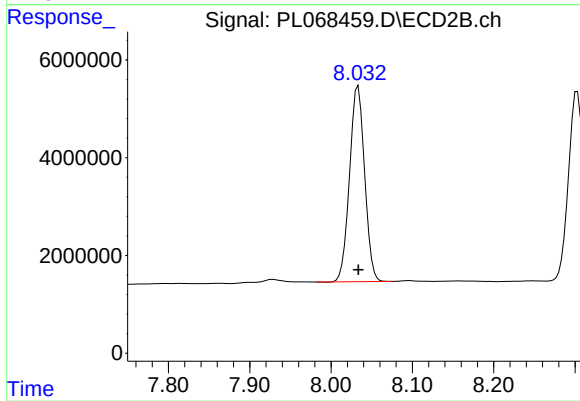
#7 delta-BHC

R.T.: 7.067 min  
Delta R.T.: 0.002 min  
Response: 58306005  
Conc: 47.59 ng/ml



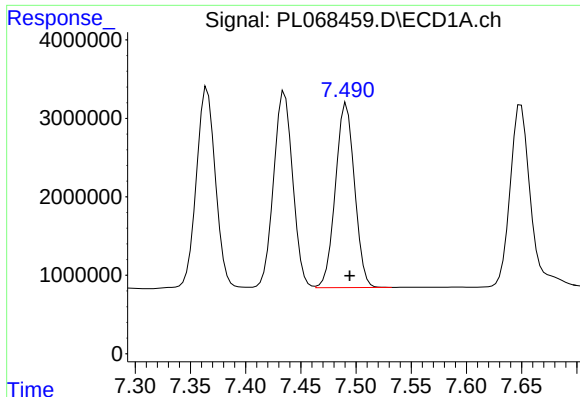
#8 Heptachlor epoxide

R.T.: 7.088 min  
Delta R.T.: -0.003 min  
Response: 29727727  
Conc: 53.51 ng/ml



#8 Heptachlor epoxide

R.T.: 8.033 min  
Delta R.T.: 0.000 min  
Response: 51363053  
Conc: 45.43 ng/ml



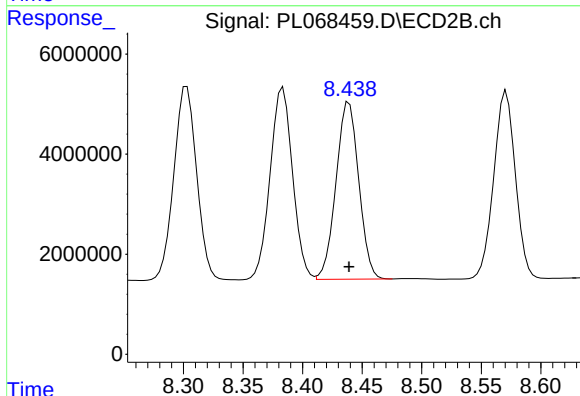
#9 Endosulfan I

R.T.: 7.491 min  
Delta R.T.: -0.003 min  
Response: 28324967  
Conc: 53.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

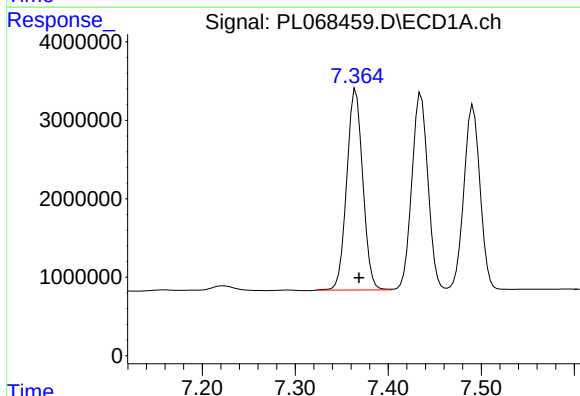
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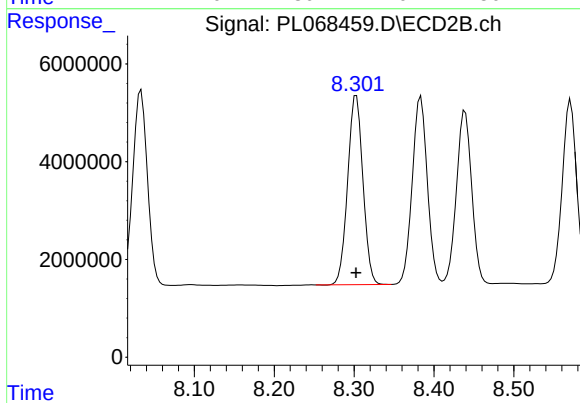
#9 Endosulfan I

R.T.: 8.439 min  
Delta R.T.: 0.000 min  
Response: 47032194  
Conc: 45.68 ng/ml



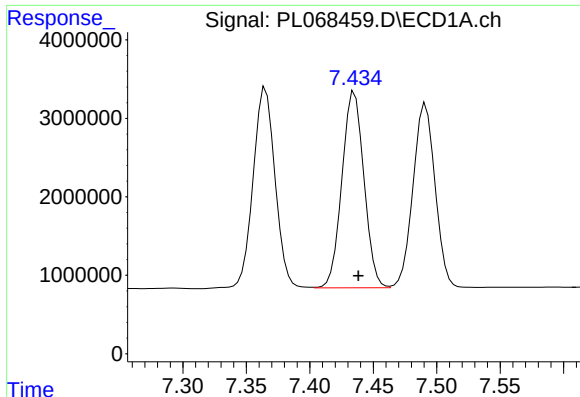
#10 gamma-Chlordane

R.T.: 7.365 min  
Delta R.T.: -0.003 min  
Response: 30748062  
Conc: 53.59 ng/ml



#10 gamma-Chlordane

R.T.: 8.303 min  
Delta R.T.: 0.000 min  
Response: 51422151  
Conc: 45.66 ng/ml



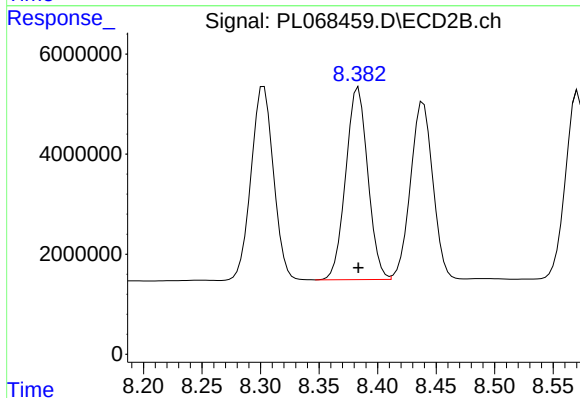
#11 alpha-Chlordane

R.T.: 7.435 min  
Delta R.T.: -0.003 min  
Response: 30161205  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

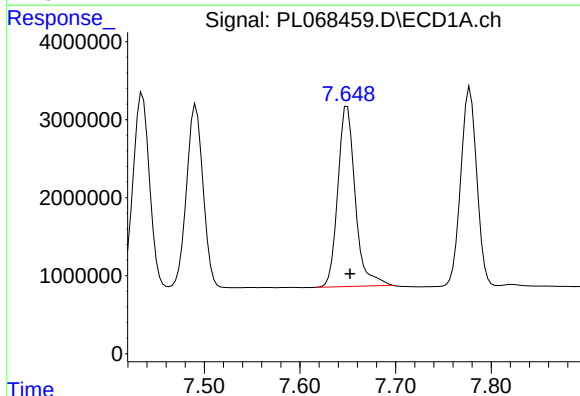
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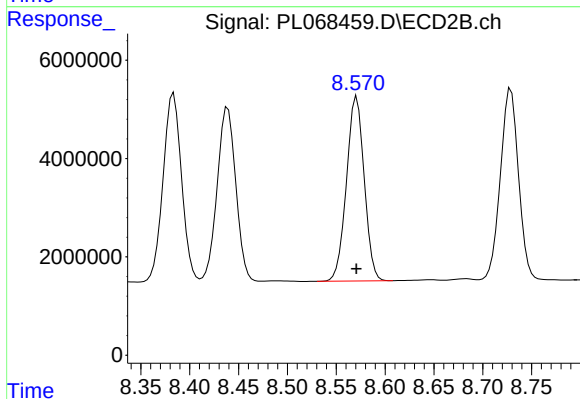
#11 alpha-Chlordane

R.T.: 8.384 min  
Delta R.T.: 0.000 min  
Response: 50465523  
Conc: 44.87 ng/ml



#12 4,4'-DDE

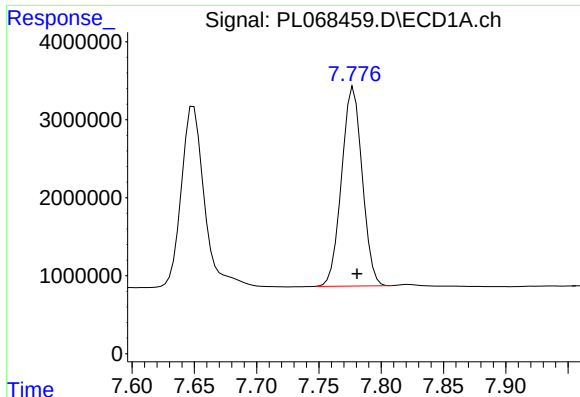
R.T.: 7.649 min  
Delta R.T.: -0.003 min  
Response: 29287000  
Conc: 58.12 ng/ml



#12 4,4'-DDE

R.T.: 8.571 min  
Delta R.T.: 0.000 min  
Response: 47423917  
Conc: 46.02 ng/ml





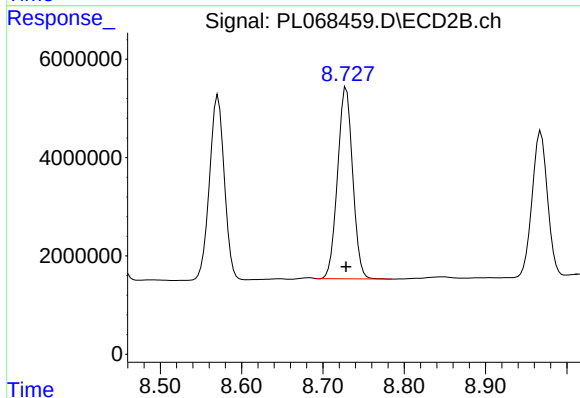
#13 Dieldrin

R.T.: 7.778 min  
Delta R.T.: -0.003 min  
Response: 29483947  
Conc: 54.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

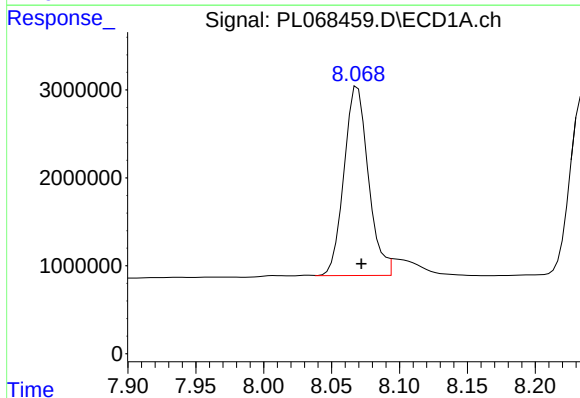
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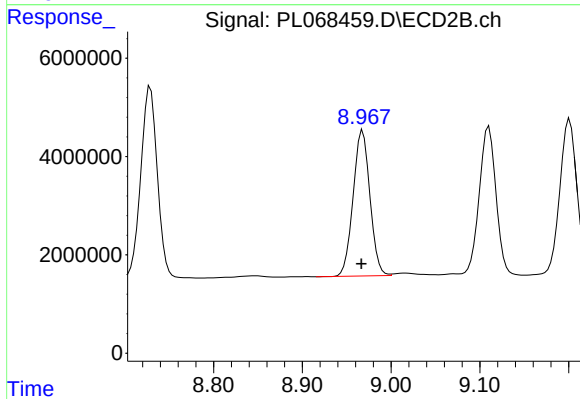
#13 Dieldrin

R.T.: 8.729 min  
Delta R.T.: 0.000 min  
Response: 50197246  
Conc: 47.33 ng/ml



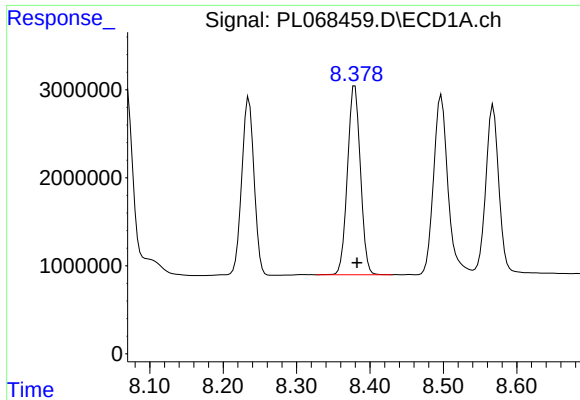
#14 Endrin

R.T.: 8.068 min  
Delta R.T.: -0.004 min  
Response: 27194317  
Conc: 54.38 ng/ml m



#14 Endrin

R.T.: 8.968 min  
Delta R.T.: 0.002 min  
Response: 38969283  
Conc: 43.58 ng/ml



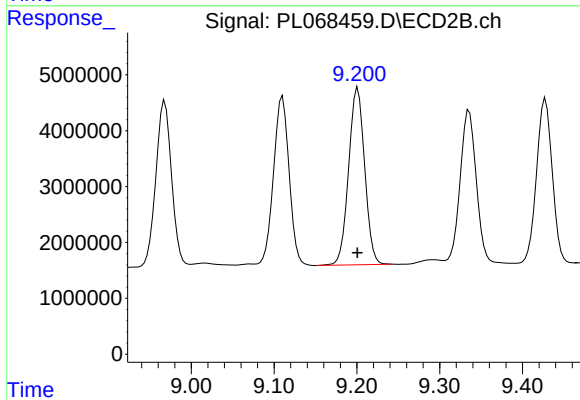
#15 Endosulfan II

R.T.: 8.379 min  
Delta R.T.: -0.003 min  
Response: 26380808  
Conc: 53.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

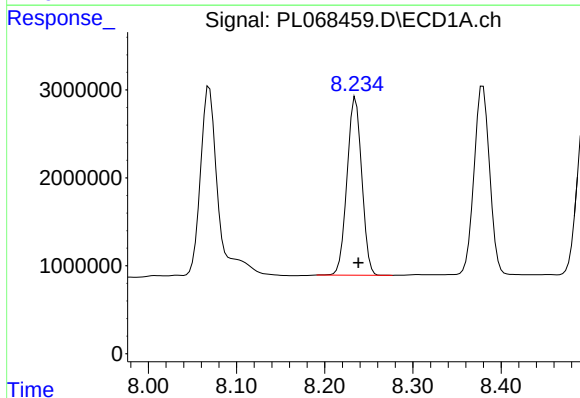
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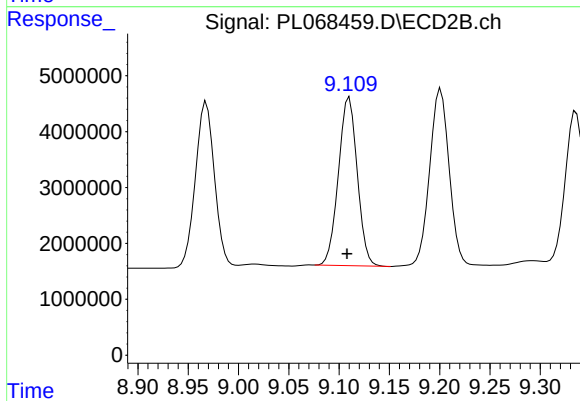
#15 Endosulfan II

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 42643859  
Conc: 47.05 ng/ml



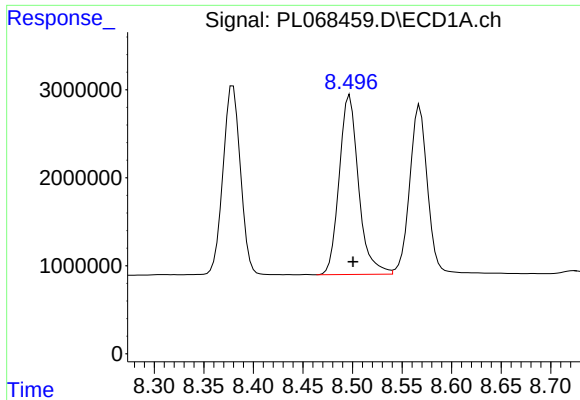
#16 4,4'-DDD

R.T.: 8.235 min  
Delta R.T.: -0.003 min  
Response: 23478188  
Conc: 52.56 ng/ml



#16 4,4'-DDD

R.T.: 9.110 min  
Delta R.T.: 0.002 min  
Response: 39196245  
Conc: 46.03 ng/ml



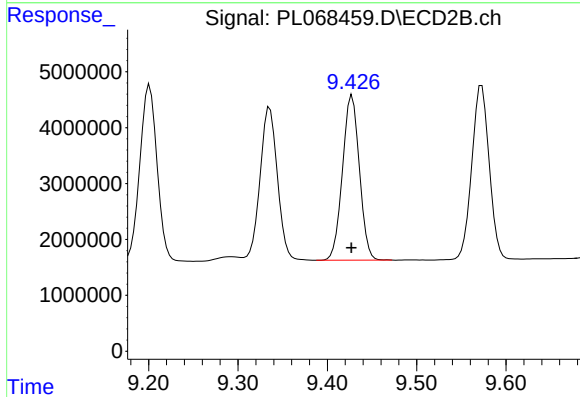
#17 4,4'-DDT

R.T.: 8.497 min  
Delta R.T.: -0.003 min  
Response: 27736692  
Conc: 55.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

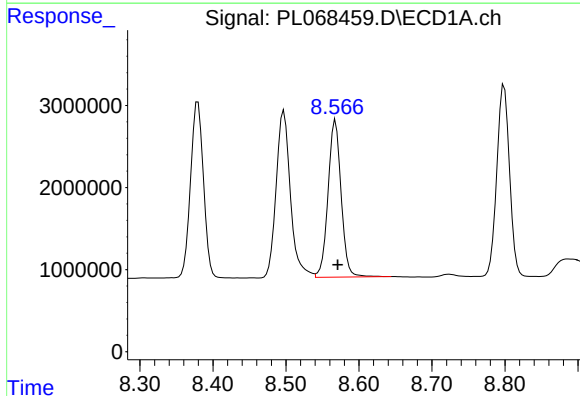
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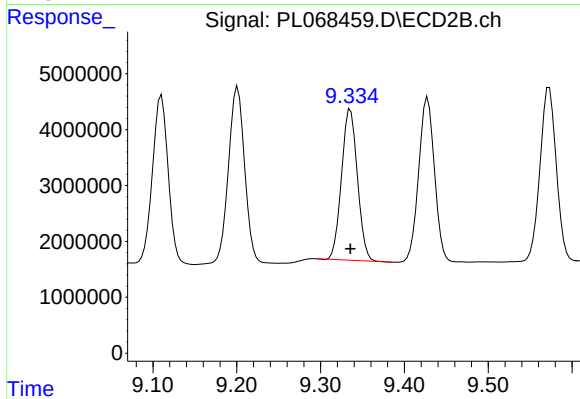
#17 4,4'-DDT

R.T.: 9.428 min  
Delta R.T.: 0.000 min  
Response: 38769704  
Conc: 41.08 ng/ml



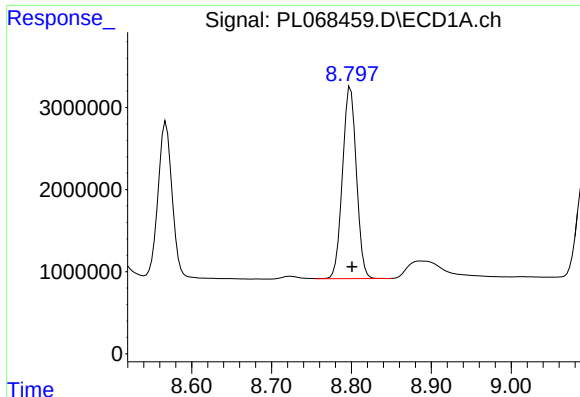
#18 Endrin aldehyde

R.T.: 8.568 min  
Delta R.T.: -0.003 min  
Response: 23879185  
Conc: 60.28 ng/ml



#18 Endrin aldehyde

R.T.: 9.336 min  
Delta R.T.: 0.000 min  
Response: 35552011  
Conc: 49.33 ng/ml



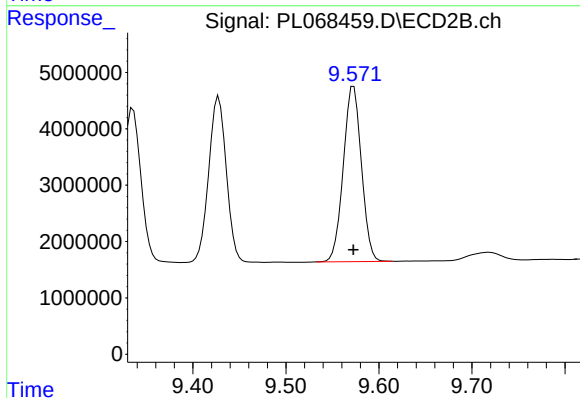
#19 Endosulfan Sulfate

R.T.: 8.799 min  
Delta R.T.: -0.002 min  
Response: 28358610  
Conc: 53.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

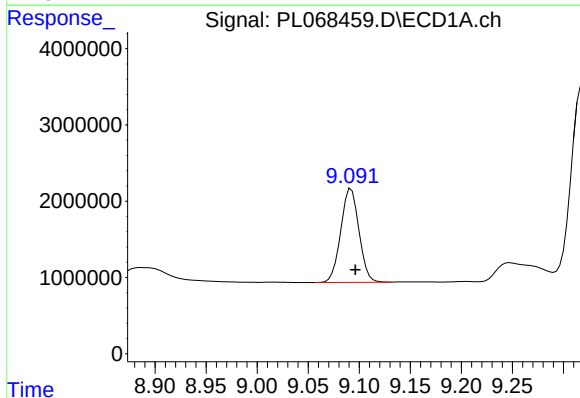
Manual Integrations  
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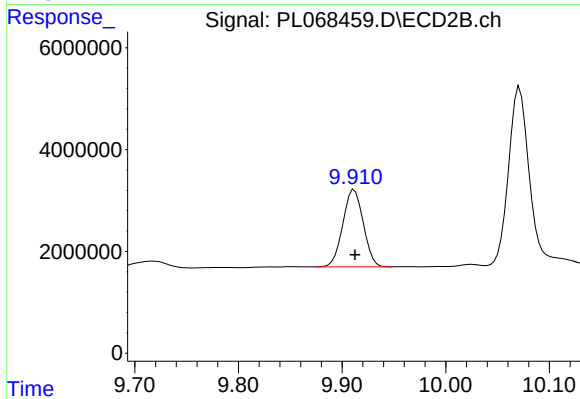
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 42090271  
Conc: 46.74 ng/ml



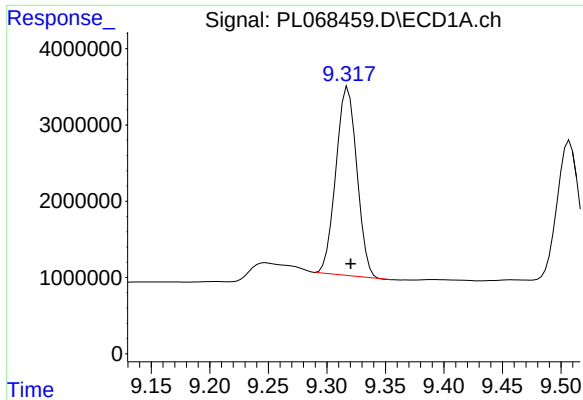
#20 Methoxychlor

R.T.: 9.092 min  
Delta R.T.: -0.004 min  
Response: 15287703  
Conc: 48.87 ng/ml



#20 Methoxychlor

R.T.: 9.912 min  
Delta R.T.: 0.000 min  
Response: 20829057  
Conc: 41.00 ng/ml



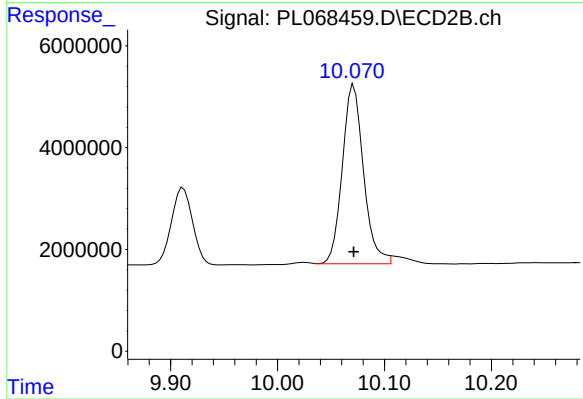
#21 Endrin ketone

R.T.: 9.318 min  
Delta R.T.: -0.002 min  
Response: 30680705  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

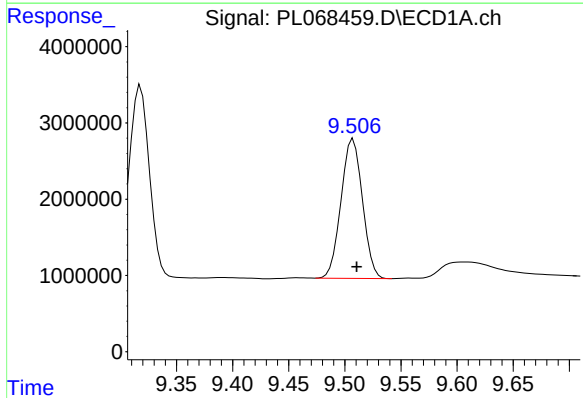
Manual Integrations  
APPROVED

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7/27/2021 8:53:04 AM



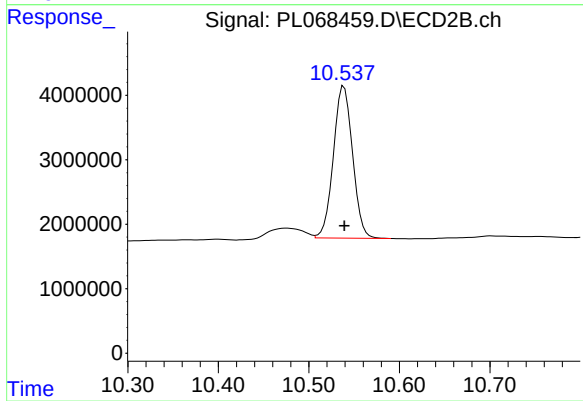
#21 Endrin ketone

R.T.: 10.070 min  
Delta R.T.: -0.001 min  
Response: 48449217  
Conc: 48.58 ng/ml m



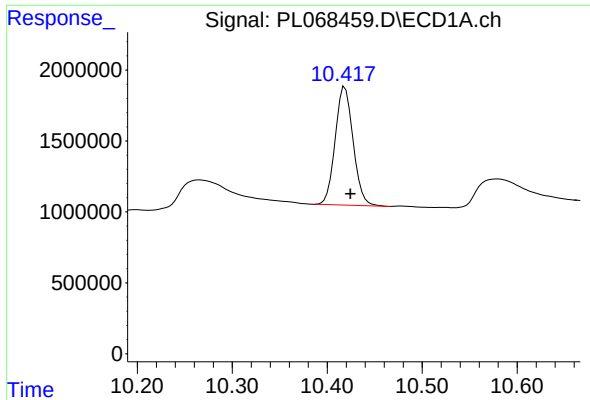
#22 Mirex

R.T.: 9.507 min  
Delta R.T.: -0.003 min  
Response: 24325331  
Conc: 49.26 ng/ml



#22 Mirex

R.T.: 10.537 min  
Delta R.T.: -0.002 min  
Response: 34738488  
Conc: 44.90 ng/ml m



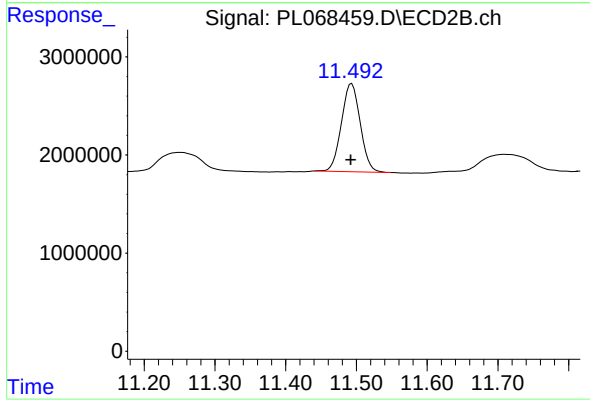
#28 Decachlorobiphenyl

R.T.: 10.419 min  
Delta R.T.: -0.006 min  
Response: 10985346  
Conc: 19.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137933BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.493 min  
Delta R.T.: 0.001 min  
Response: 16572213  
Conc: 18.58 ng/ml