

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
 Data File : PL068370.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2021 11:43  
 Operator : AR\AJ  
 Sample : PB137845BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB137845BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 04:10:56 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... | 4.647  | 5.570  | 8142013  | 17978442 | 18.971 | 17.619  |
| 28)                         | SA Decachlor... | 10.423 | 11.495 | 12058281 | 17802420 | 21.440 | 19.958  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 5.355  | 6.149  | 30938474 | 67289210 | 52.851 | 49.491m |
| 3)                          | MA gamma-BHC... | 5.778  | 6.547  | 29601914 | 63431903 | 52.075 | 49.164  |
| 4)                          | MA Heptachlor   | 6.190  | 7.196  | 31105116 | 61585524 | 51.032 | 47.253  |
| 5)                          | MB Aldrin       | 6.515  | 7.568  | 28738565 | 56645706 | 51.141 | 47.743  |
| 6)                          | B beta-BHC      | 6.156  | 6.797  | 14989066 | 30172126 | 51.224 | 42.709m |
| 7)                          | B delta-BHC     | 6.418  | 7.067  | 30137645 | 62425024 | 53.940 | 50.951  |
| 8)                          | B Heptachlo...  | 7.092  | 8.034  | 28636791 | 54302416 | 51.547 | 48.029  |
| 9)                          | A Endosulfan I  | 7.495  | 8.439  | 27308811 | 50529316 | 51.695 | 49.077  |
| 10)                         | B gamma-Chl...  | 7.369  | 8.303  | 29717255 | 54656563 | 51.793 | 48.531  |
| 11)                         | B alpha-Chl...  | 7.439  | 8.384  | 29512848 | 54691251 | 51.385 | 48.627  |
| 12)                         | B 4,4'-DDE      | 7.653  | 8.571  | 27005226 | 51324315 | 53.590 | 49.802  |
| 13)                         | MA Dieldrin     | 7.782  | 8.728  | 28922207 | 53216184 | 53.730 | 50.174  |
| 14)                         | MA Endrin       | 8.072  | 8.968  | 27022039 | 44959127 | 54.034 | 50.280  |
| 15)                         | B Endosulfa...  | 8.383  | 9.201  | 26753430 | 46384127 | 54.189 | 51.174  |
| 16)                         | A 4,4'-DDD      | 8.238  | 9.110  | 23626423 | 42380794 | 52.893 | 49.773  |
| 17)                         | MA 4,4'-DDT     | 8.500  | 9.427  | 26851467 | 45265312 | 53.532 | 47.959  |
| 18)                         | B Endrin al...  | 8.571  | 9.335  | 23743798 | 40337283 | 59.939 | 55.968  |
| 19)                         | B Endosulfa...  | 8.802  | 9.573  | 28881975 | 46850535 | 54.964 | 52.029  |
| 20)                         | A Methoxychlor  | 9.096  | 9.913  | 16863626 | 25519983 | 53.910 | 50.233  |
| 21)                         | B Endrin ke...  | 9.321  | 10.072 | 32680270 | 51302859 | 55.192 | 51.440  |
| 22)                         | Mirex           | 9.511  | 10.539 | 27476069 | 39606005 | 55.639 | 51.195  |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
Data File : PL068370.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2021 11:43  
Operator : AR\AJ  
Sample : PB137845BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

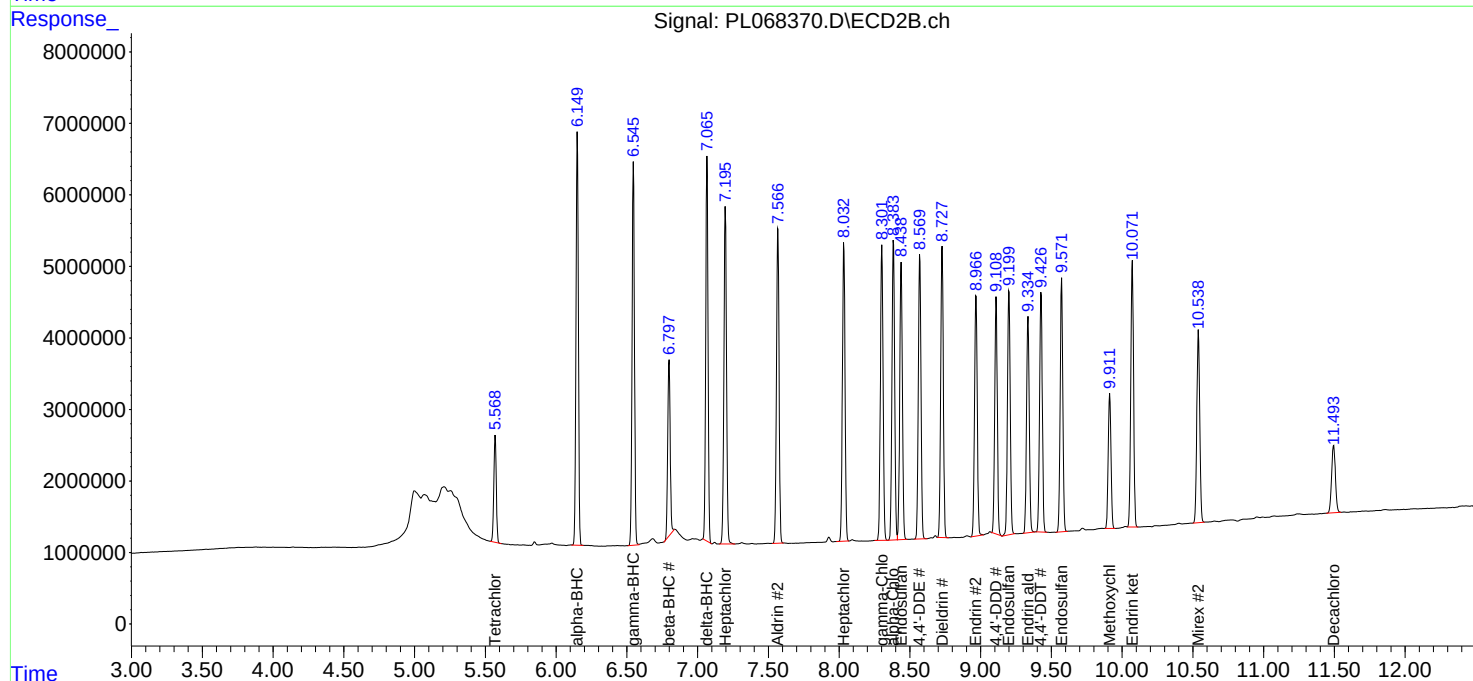
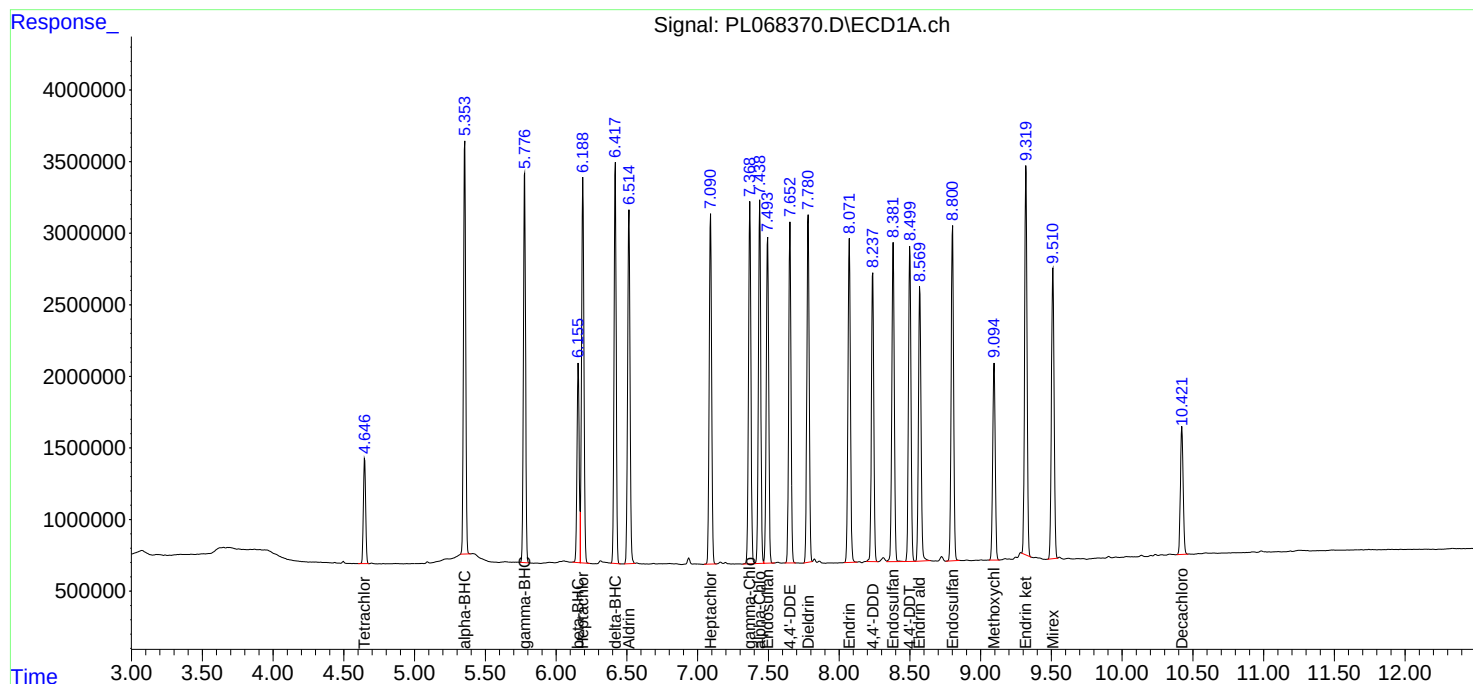
Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

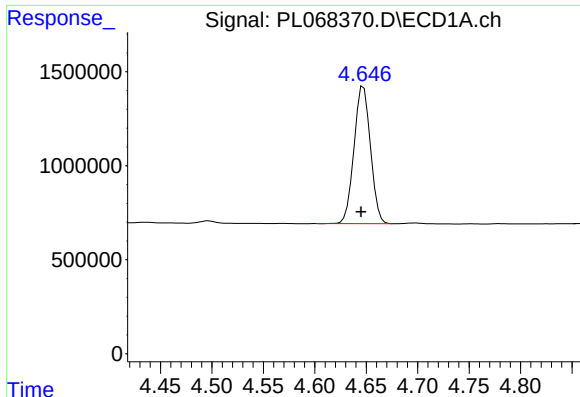
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 04:10:56 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 20 11:44:21 2021  
Response via : Initial Calibration  
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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





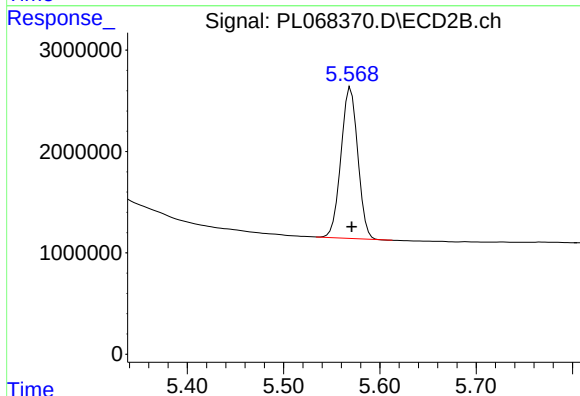
#1 Tetrachloro-m-xylene

R.T.: 4.647 min  
Delta R.T.: 0.002 min  
Response: 8142013  
Conc: 18.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

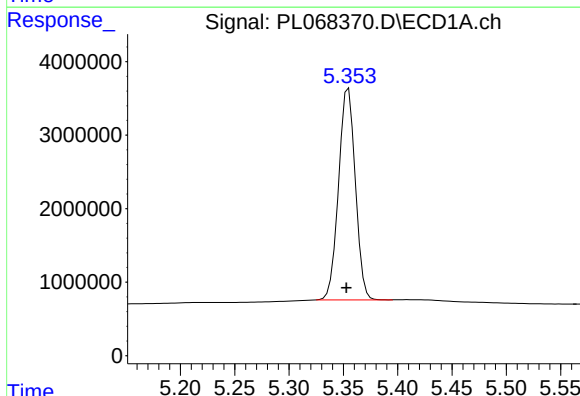
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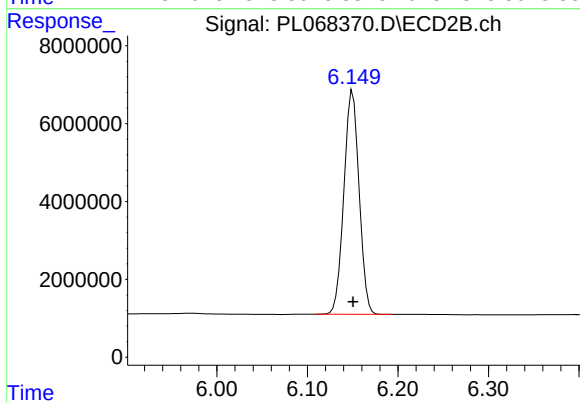
#1 Tetrachloro-m-xylene

R.T.: 5.570 min  
Delta R.T.: 0.000 min  
Response: 17978442  
Conc: 17.62 ng/ml



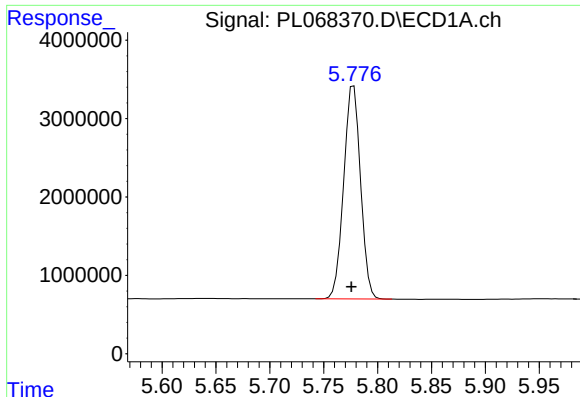
#2 alpha-BHC

R.T.: 5.355 min  
Delta R.T.: 0.002 min  
Response: 30938474  
Conc: 52.85 ng/ml



#2 alpha-BHC

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 67289210  
Conc: 49.49 ng/ml m



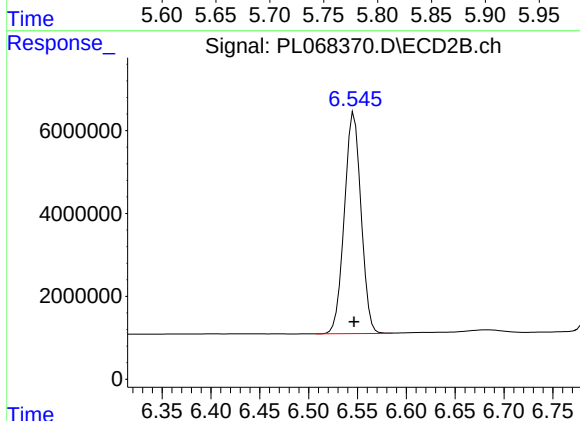
#3 gamma-BHC (Lindane)

R.T.: 5.778 min  
Delta R.T.: 0.002 min  
Response: 29601914  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

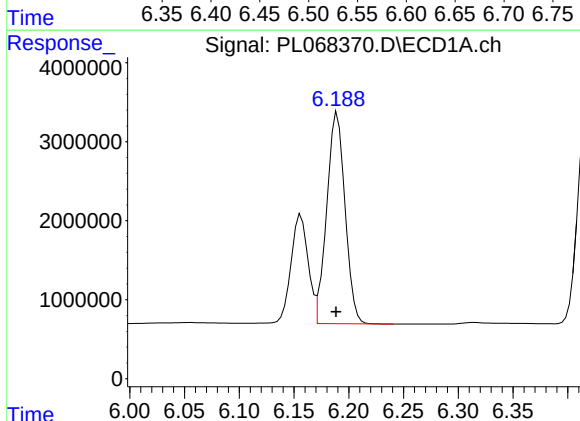
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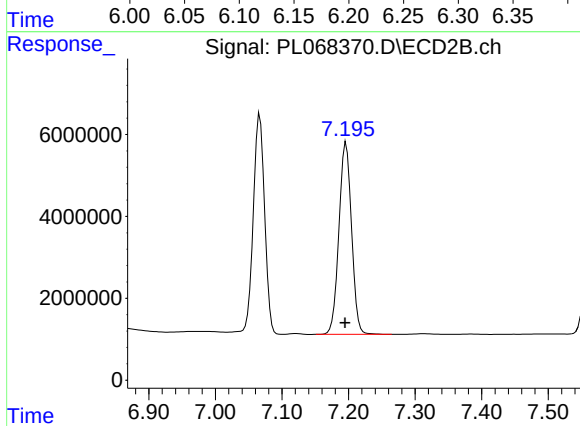
#3 gamma-BHC (Lindane)

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 63431903  
Conc: 49.16 ng/ml



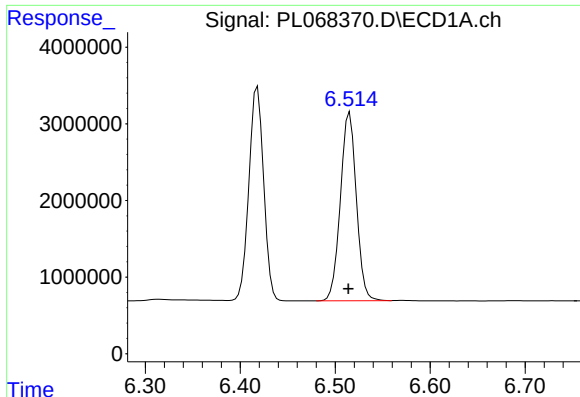
#4 Heptachlor

R.T.: 6.190 min  
Delta R.T.: 0.001 min  
Response: 31105116  
Conc: 51.03 ng/ml



#4 Heptachlor

R.T.: 7.196 min  
Delta R.T.: 0.001 min  
Response: 61585524  
Conc: 47.25 ng/ml



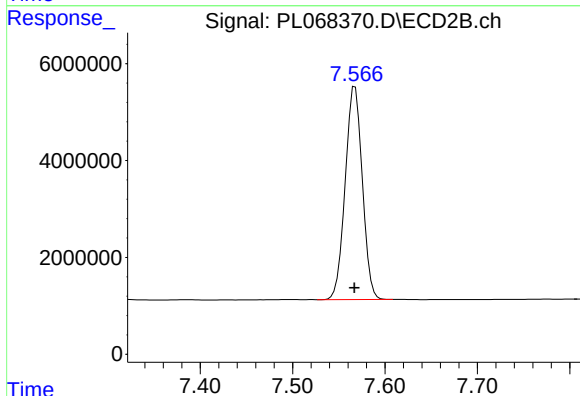
#5 Aldrin

R.T.: 6.515 min  
Delta R.T.: 0.002 min  
Response: 28738565  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

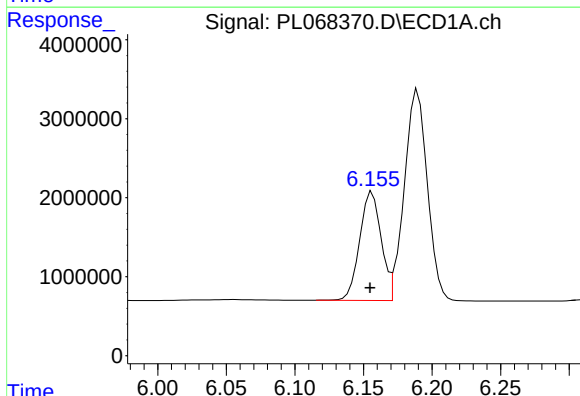
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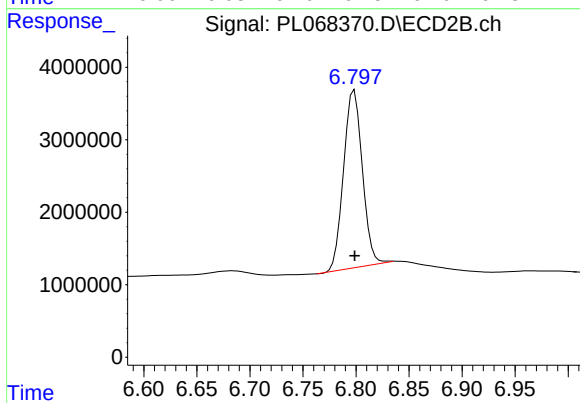
#5 Aldrin

R.T.: 7.568 min  
Delta R.T.: 0.000 min  
Response: 56645706  
Conc: 47.74 ng/ml



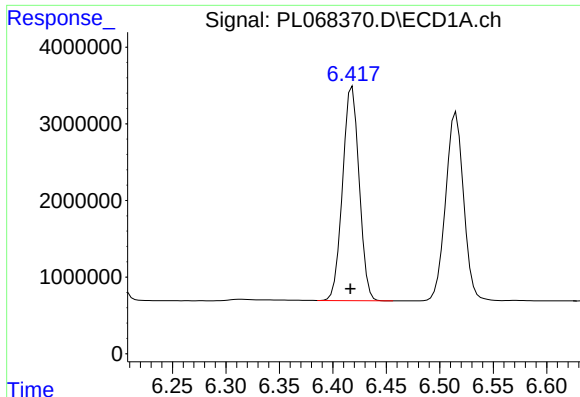
#6 beta-BHC

R.T.: 6.156 min  
Delta R.T.: 0.002 min  
Response: 14989066  
Conc: 51.22 ng/ml



#6 beta-BHC

R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 30172126  
Conc: 42.71 ng/ml m



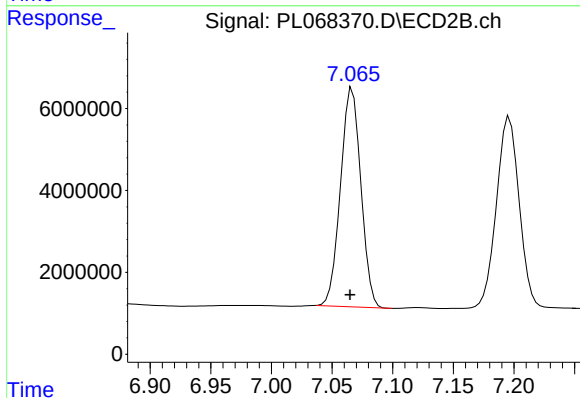
#7 delta-BHC

R.T.: 6.418 min  
Delta R.T.: 0.002 min  
Response: 30137645  
Conc: 53.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

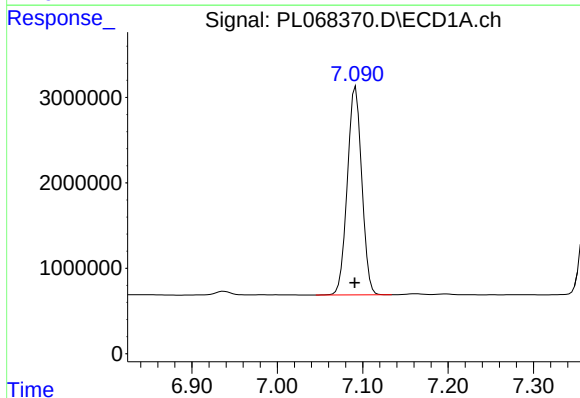
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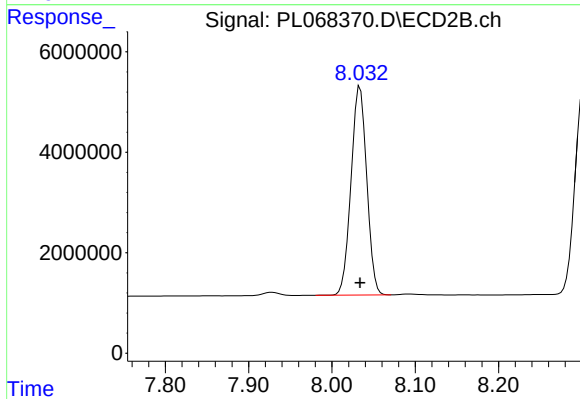
#7 delta-BHC

R.T.: 7.067 min  
Delta R.T.: 0.002 min  
Response: 62425024  
Conc: 50.95 ng/ml



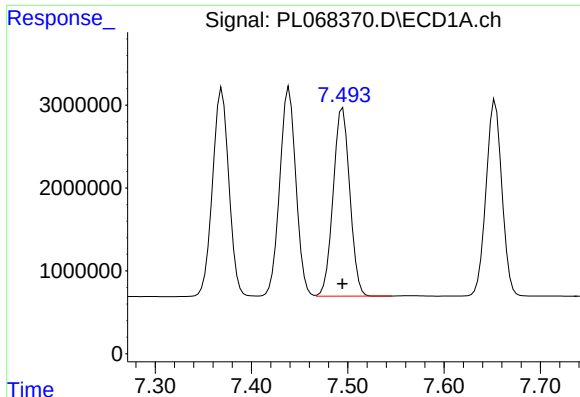
#8 Heptachlor epoxide

R.T.: 7.092 min  
Delta R.T.: 0.001 min  
Response: 28636791  
Conc: 51.55 ng/ml



#8 Heptachlor epoxide

R.T.: 8.034 min  
Delta R.T.: 0.000 min  
Response: 54302416  
Conc: 48.03 ng/ml



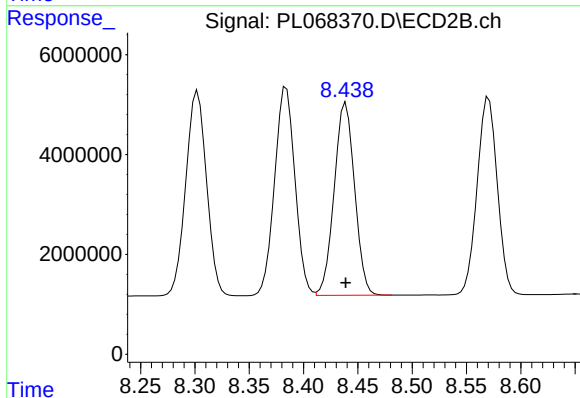
#9 Endosulfan I

R.T.: 7.495 min  
Delta R.T.: 0.000 min  
Response: 27308811  
Conc: 51.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

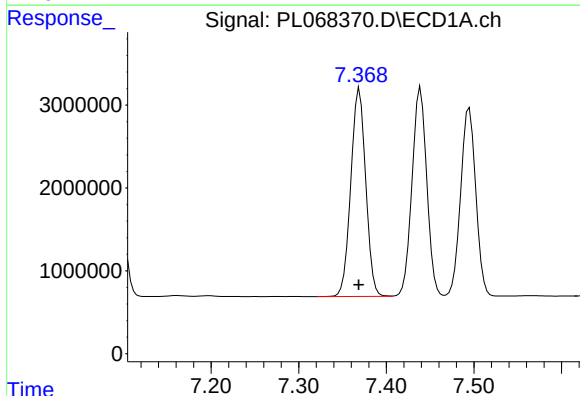
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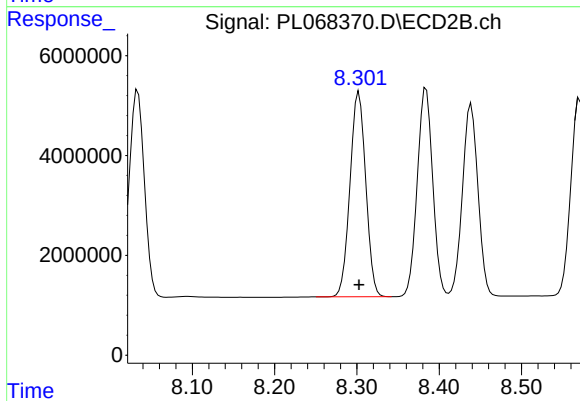
#9 Endosulfan I

R.T.: 8.439 min  
Delta R.T.: 0.000 min  
Response: 50529316  
Conc: 49.08 ng/ml



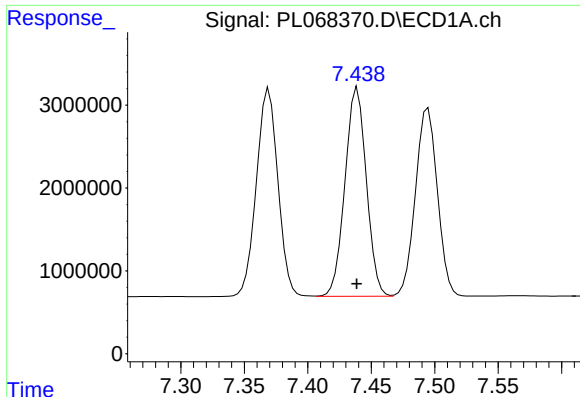
#10 gamma-Chlordane

R.T.: 7.369 min  
Delta R.T.: 0.000 min  
Response: 29717255  
Conc: 51.79 ng/ml



#10 gamma-Chlordane

R.T.: 8.303 min  
Delta R.T.: 0.000 min  
Response: 54656563  
Conc: 48.53 ng/ml



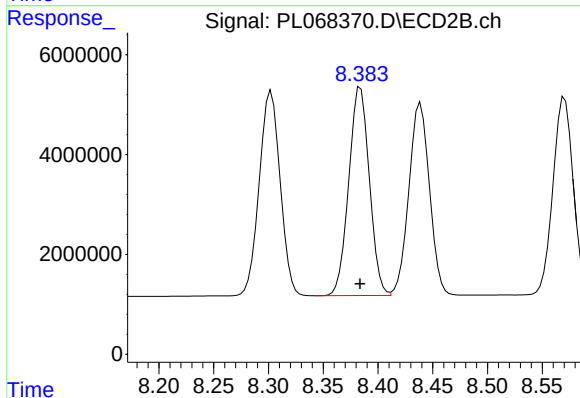
#11 alpha-Chlordane

R.T.: 7.439 min  
Delta R.T.: 0.000 min  
Response: 29512848  
Conc: 51.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

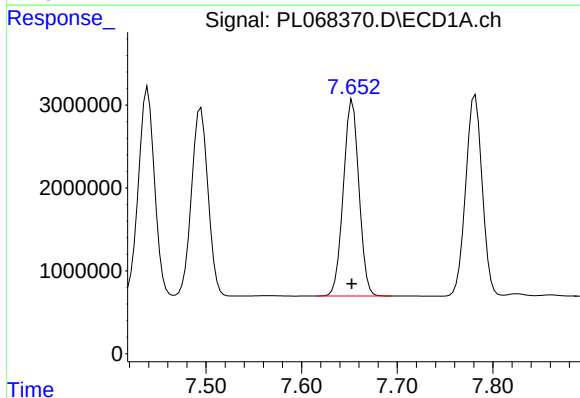
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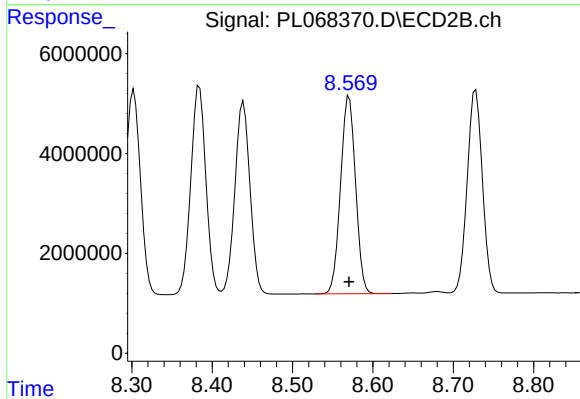
#11 alpha-Chlordane

R.T.: 8.384 min  
Delta R.T.: 0.000 min  
Response: 54691251  
Conc: 48.63 ng/ml



#12 4,4'-DDE

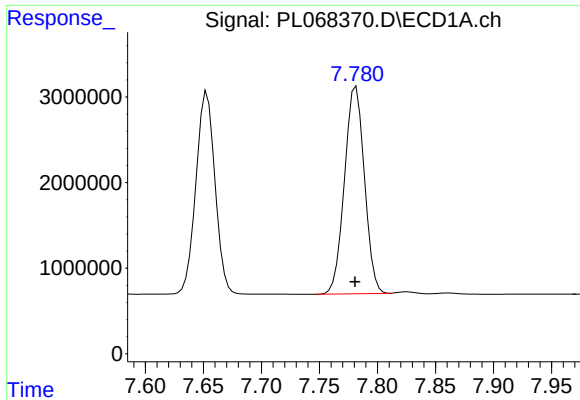
R.T.: 7.653 min  
Delta R.T.: 0.000 min  
Response: 27005226  
Conc: 53.59 ng/ml



#12 4,4'-DDE

R.T.: 8.571 min  
Delta R.T.: 0.000 min  
Response: 51324315  
Conc: 49.80 ng/ml





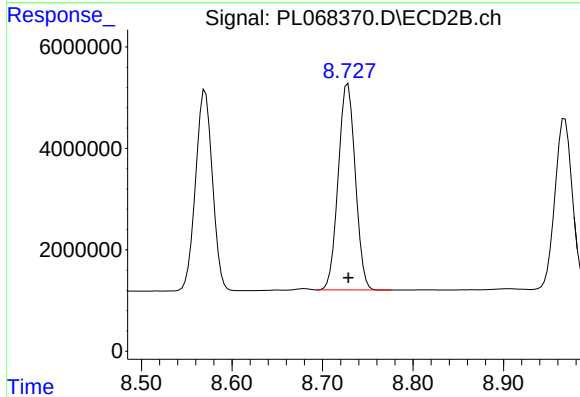
#13 Dieldrin

R.T.: 7.782 min  
Delta R.T.: 0.000 min  
Response: 28922207  
Conc: 53.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

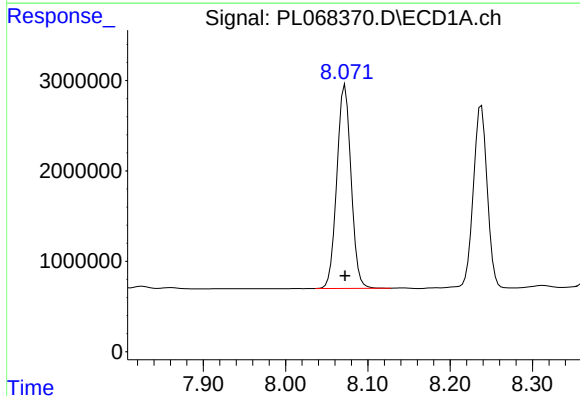
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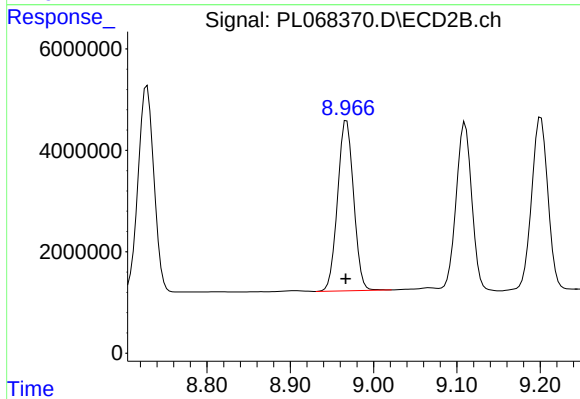
#13 Dieldrin

R.T.: 8.728 min  
Delta R.T.: 0.000 min  
Response: 53216184  
Conc: 50.17 ng/ml



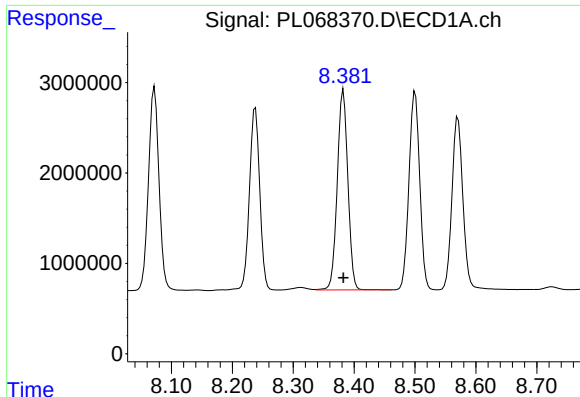
#14 Endrin

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 27022039  
Conc: 54.03 ng/ml



#14 Endrin

R.T.: 8.968 min  
Delta R.T.: 0.001 min  
Response: 44959127  
Conc: 50.28 ng/ml



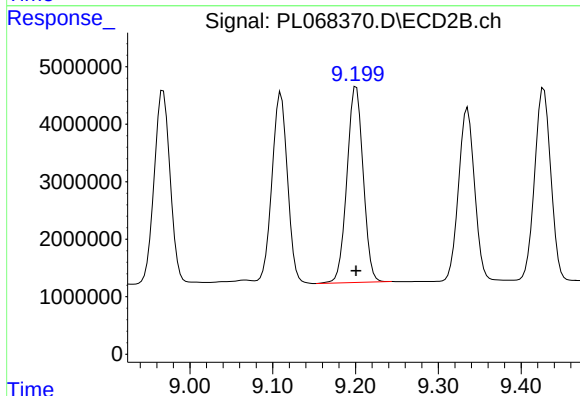
#15 Endosulfan II

R.T.: 8.383 min  
Delta R.T.: 0.000 min  
Response: 26753430  
Conc: 54.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

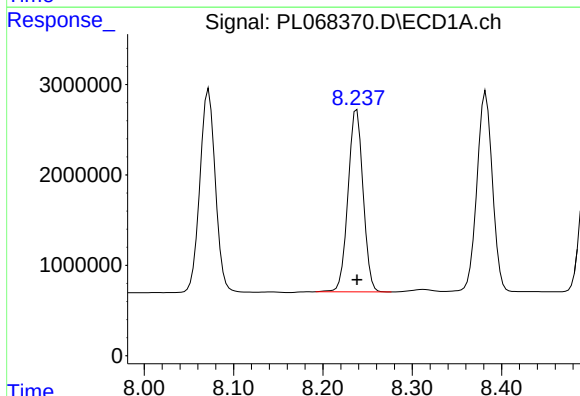
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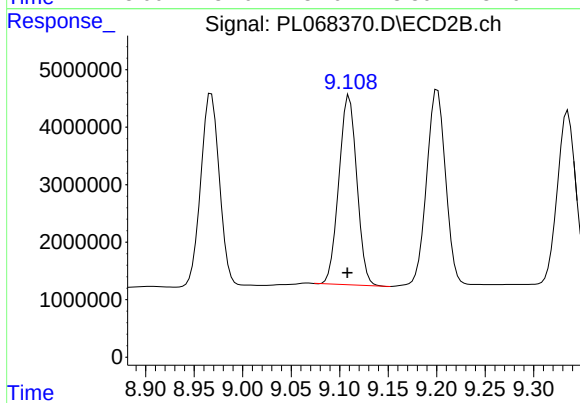
#15 Endosulfan II

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 46384127  
Conc: 51.17 ng/ml



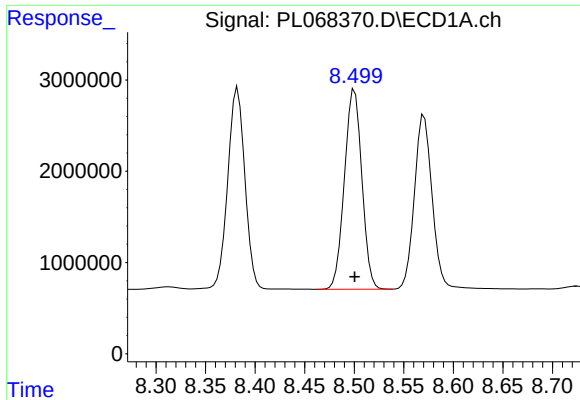
#16 4,4'-DDD

R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 23626423  
Conc: 52.89 ng/ml



#16 4,4'-DDD

R.T.: 9.110 min  
Delta R.T.: 0.002 min  
Response: 42380794  
Conc: 49.77 ng/ml



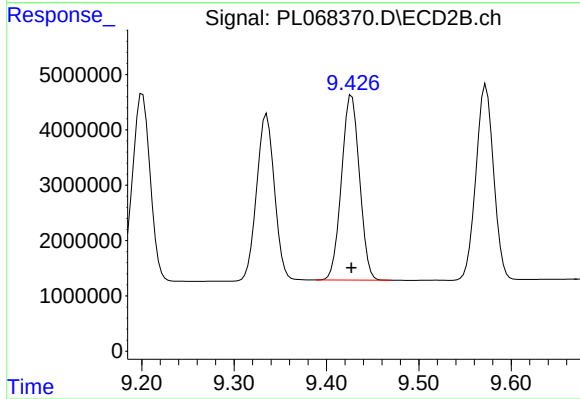
#17 4,4'-DDT

R.T.: 8.500 min  
Delta R.T.: 0.000 min  
Response: 26851467  
Conc: 53.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

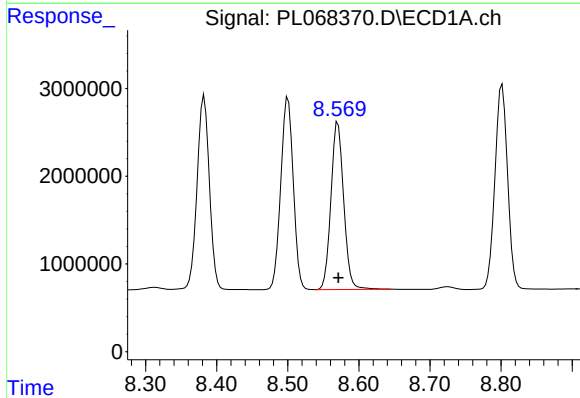
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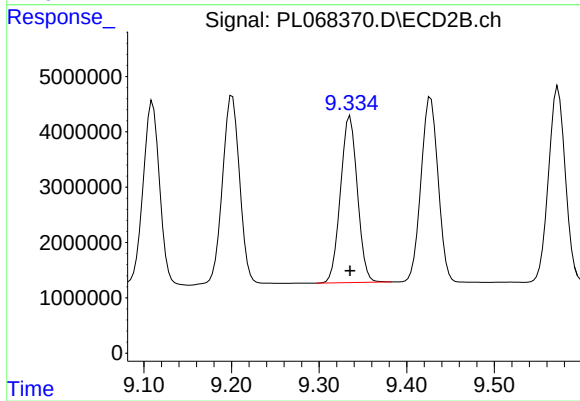
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: 0.000 min  
Response: 45265312  
Conc: 47.96 ng/ml



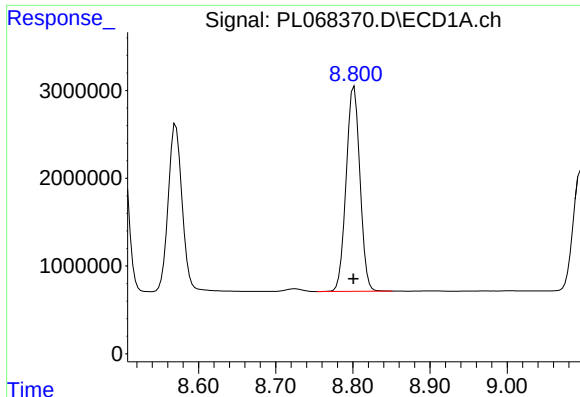
#18 Endrin aldehyde

R.T.: 8.571 min  
Delta R.T.: 0.000 min  
Response: 23743798  
Conc: 59.94 ng/ml



#18 Endrin aldehyde

R.T.: 9.335 min  
Delta R.T.: 0.000 min  
Response: 40337283  
Conc: 55.97 ng/ml



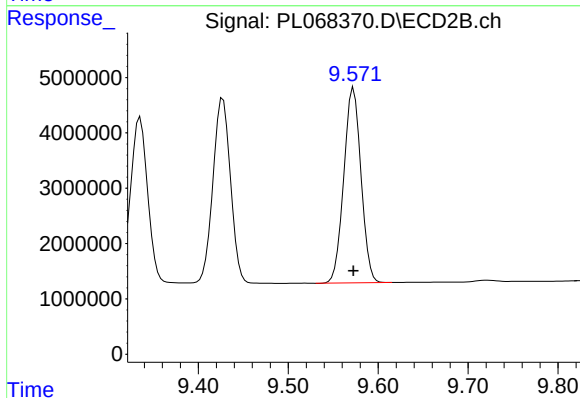
#19 Endosulfan Sulfate

R.T.: 8.802 min  
Delta R.T.: 0.000 min  
Response: 28881975  
Conc: 54.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

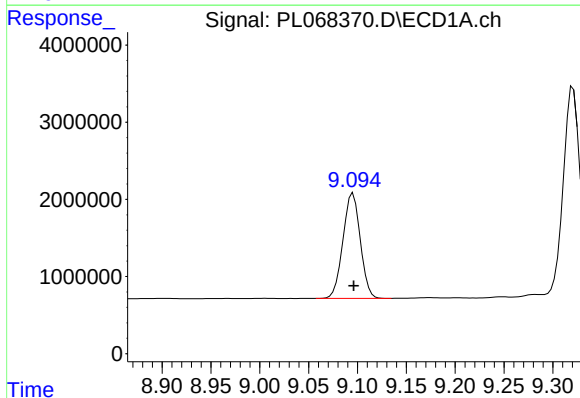
Manual Integrations  
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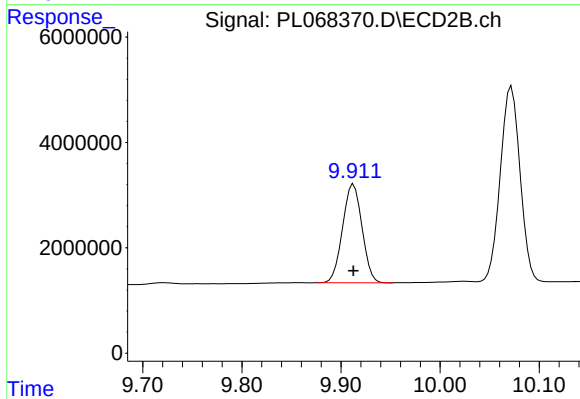
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 46850535  
Conc: 52.03 ng/ml



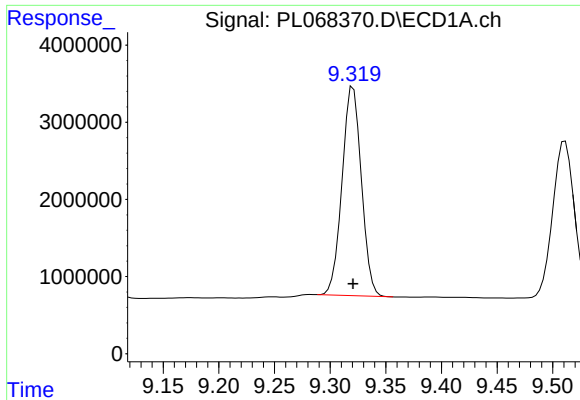
#20 Methoxychlor

R.T.: 9.096 min  
Delta R.T.: 0.000 min  
Response: 16863626  
Conc: 53.91 ng/ml



#20 Methoxychlor

R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 25519983  
Conc: 50.23 ng/ml



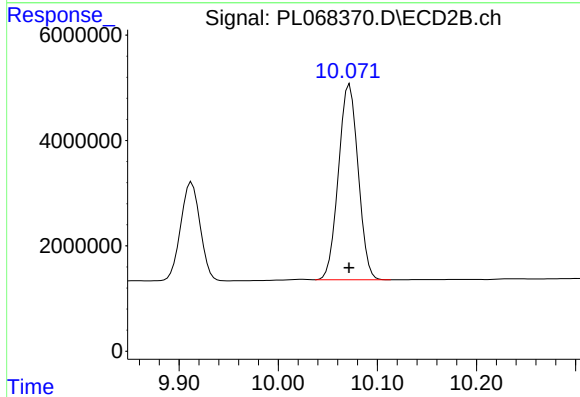
#21 Endrin ketone

R.T.: 9.321 min  
Delta R.T.: 0.000 min  
Response: 32680270  
Conc: 55.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

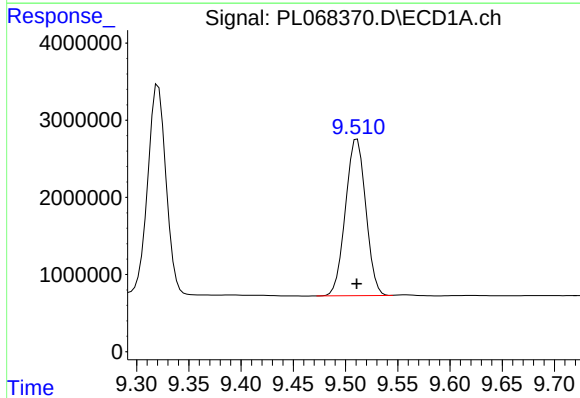
Manual Integrations  
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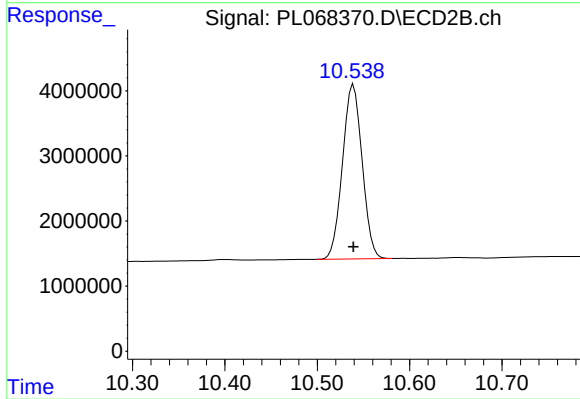
#21 Endrin ketone

R.T.: 10.072 min  
Delta R.T.: 0.000 min  
Response: 51302859  
Conc: 51.44 ng/ml



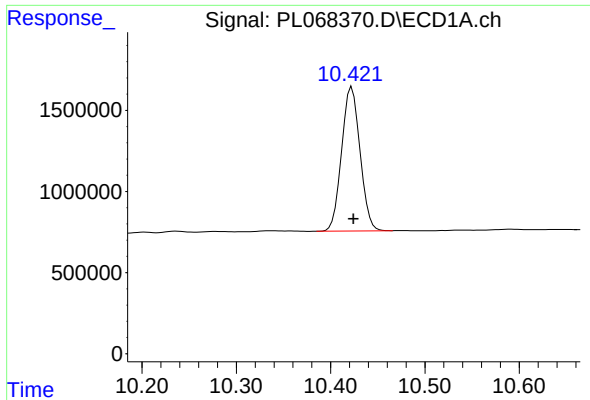
#22 Mirex

R.T.: 9.511 min  
Delta R.T.: 0.000 min  
Response: 27476069  
Conc: 55.64 ng/ml



#22 Mirex

R.T.: 10.539 min  
Delta R.T.: 0.000 min  
Response: 39606005  
Conc: 51.19 ng/ml



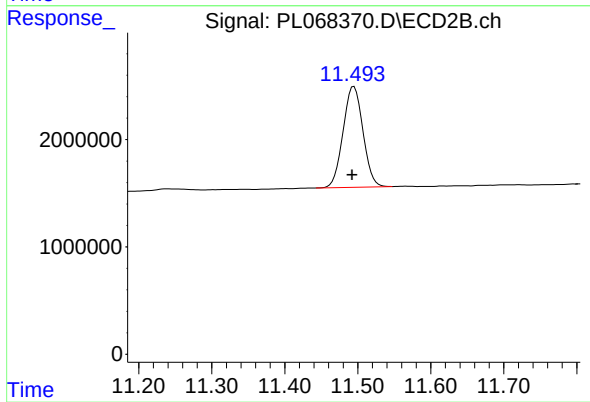
#28 Decachlorobiphenyl

R.T.: 10.423 min  
Delta R.T.: -0.002 min  
Response: 12058281  
Conc: 21.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB137845BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.495 min  
Delta R.T.: 0.003 min  
Response: 17802420  
Conc: 19.96 ng/ml