

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090321\  
 Data File : PL069718.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2021 16:11  
 Operator : AR\AJ  
 Sample : PB138924BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleID :  
 PB138924BS

Manual Integrations  
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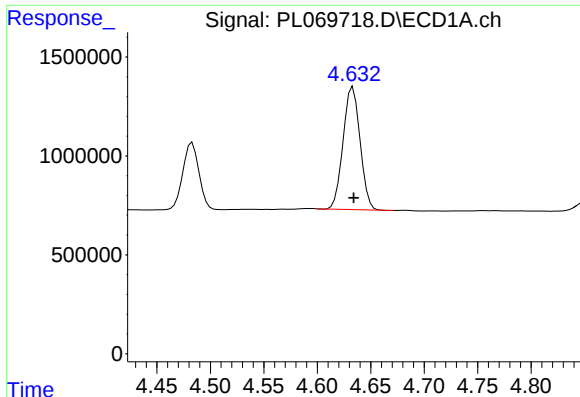
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 04 01:58:20 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL083021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 31 01:49:30 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.633  | 5.570  | 6858410  | 26696409 | 22.031  | 21.220 |
| 28)                         | SA Decachlor... | 10.402 | 11.495 | 12281112 | 22136470 | 20.825  | 19.617 |
| Target Compounds            |                 |        |        |          |          |         |        |
| 2)                          | A alpha-BHC     | 5.340  | 6.150  | 3242885  | 13067855 | 7.794   | 7.500  |
| 3)                          | MA gamma-BHC... | 5.763  | 6.545  | 4395595  | 15031652 | 10.053  | 9.253m |
| 4)                          | MA Heptachlor   | 6.174  | 7.196  | 6824025  | 20846975 | 13.961  | 13.090 |
| 5)                          | MB Aldrin       | 6.498  | 7.568  | 6424878  | 19745471 | 14.150  | 13.454 |
| 6)                          | B beta-BHC      | 6.143  | 6.800  | 3493375  | 10901338 | 14.557  | 12.546 |
| 8)                          | B Heptachlo...  | 7.075  | 8.034  | 6920322  | 18864843 | 14.317  | 13.963 |
| 9)                          | A Endosulfan I  | 7.478  | 8.440  | 6662330  | 17687212 | 14.091  | 13.758 |
| 10)                         | B gamma-Chl...  | 7.353  | 8.304  | 7433429  | 19906809 | 14.490  | 14.333 |
| 11)                         | B alpha-Chl...  | 7.423  | 8.385  | 7334952  | 19070815 | 14.115  | 13.936 |
| 12)                         | B 4,4'-DDE      | 7.635  | 8.572  | 6453586  | 19499552 | 14.318m | 14.721 |
| 13)                         | MA Dieldrin     | 7.765  | 8.729  | 6627815  | 17646822 | 13.402  | 13.361 |
| 14)                         | MA Endrin       | 8.056  | 8.969  | 6269748  | 14546557 | 13.139  | 13.051 |
| 15)                         | B Endosulfa...  | 8.366  | 9.203  | 6349325  | 15271242 | 12.912  | 13.418 |
| 16)                         | A 4,4'-DDD      | 8.221  | 9.112  | 5237749  | 14394690 | 12.975  | 13.234 |
| 17)                         | MA 4,4'-DDT     | 8.483  | 9.429  | 4771105  | 11251692 | 10.266  | 10.324 |
| 18)                         | B Endrin al...  | 8.554  | 9.337  | 5392560  | 12000575 | 12.603  | 12.355 |
| 19)                         | B Endosulfa...  | 8.784  | 9.575  | 3033493  | 6213956  | 5.734   | 5.629  |
| 20)                         | A Methoxychlor  | 9.077  | 9.915  | 3760269  | 6932520  | 12.201  | 11.984 |
| 21)                         | B Endrin ke...  | 9.304  | 10.074 | 8036753  | 15615428 | 13.386  | 13.147 |
| 22)                         | Mirex           | 9.492  | 10.541 | 7780965  | 11979673 | 14.314  | 13.350 |
| -----                       |                 |        |        |          |          |         |        |

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





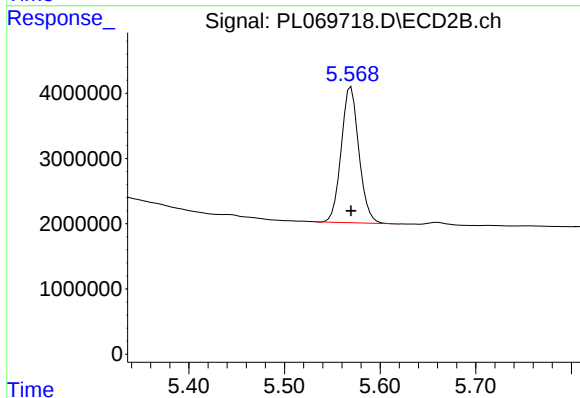
#1 Tetrachloro-m-xylene

R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 6858410  
Conc: 22.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

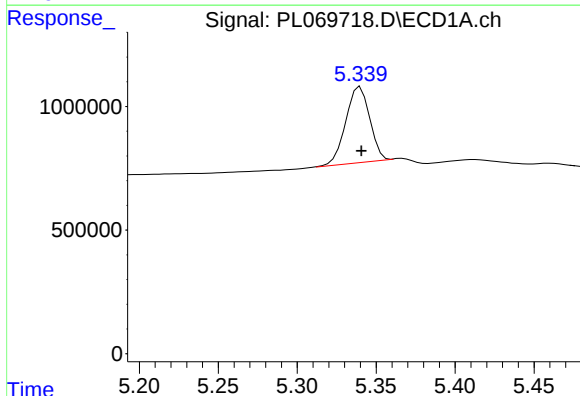
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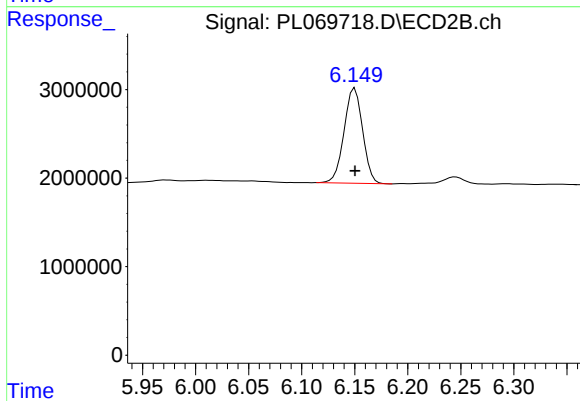
#1 Tetrachloro-m-xylene

R.T.: 5.570 min  
Delta R.T.: 0.000 min  
Response: 26696409  
Conc: 21.22 ng/ml



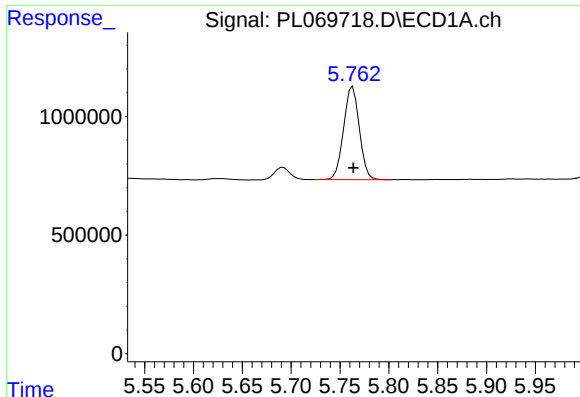
#2 alpha-BHC

R.T.: 5.340 min  
Delta R.T.: 0.000 min  
Response: 3242885  
Conc: 7.79 ng/ml



#2 alpha-BHC

R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 13067855  
Conc: 7.50 ng/ml



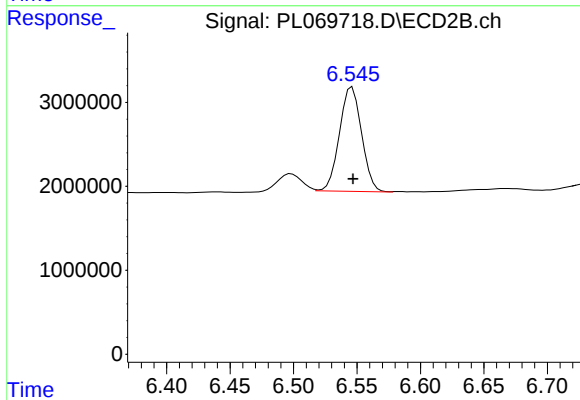
#3 gamma-BHC (Lindane)

R.T.: 5.763 min  
Delta R.T.: 0.000 min  
Response: 4395595  
Conc: 10.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

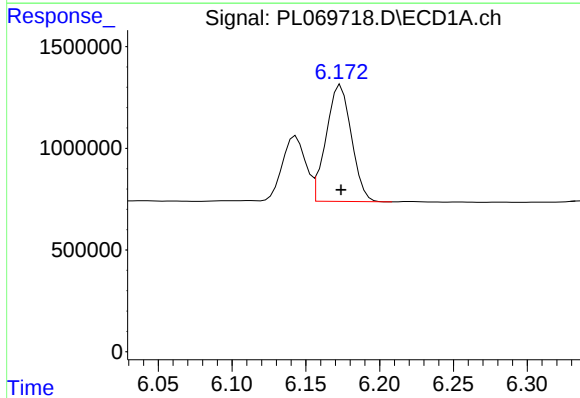
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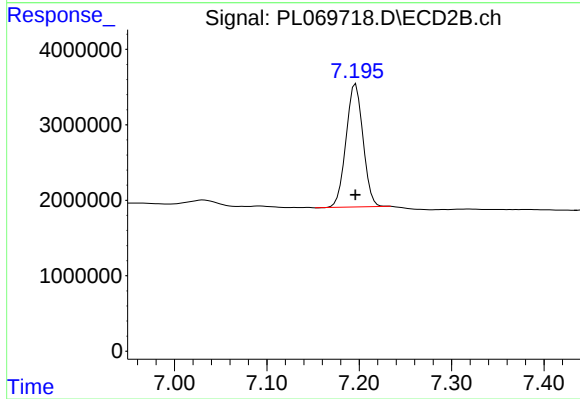
#3 gamma-BHC (Lindane)

R.T.: 6.545 min  
Delta R.T.: -0.002 min  
Response: 15031652  
Conc: 9.25 ng/ml m



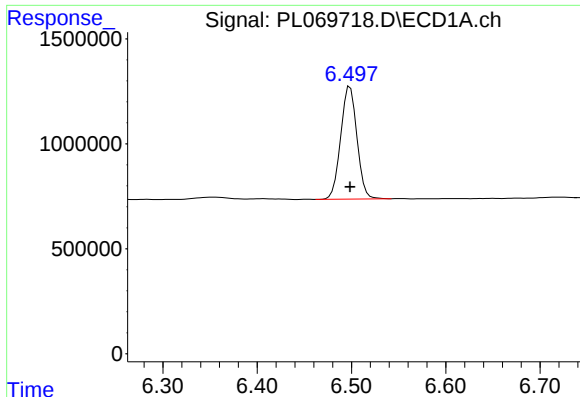
#4 Heptachlor

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 6824025  
Conc: 13.96 ng/ml



#4 Heptachlor

R.T.: 7.196 min  
Delta R.T.: 0.000 min  
Response: 20846975  
Conc: 13.09 ng/ml



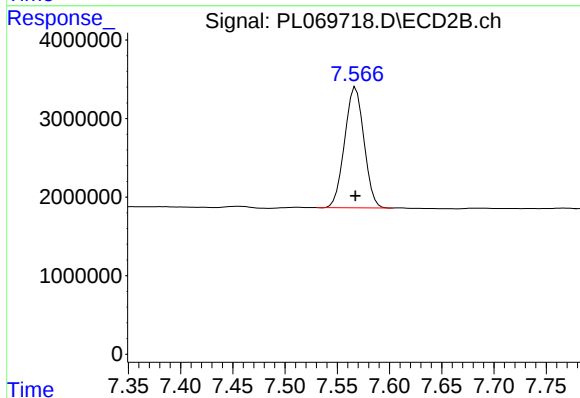
#5 Aldrin

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 6424878  
Conc: 14.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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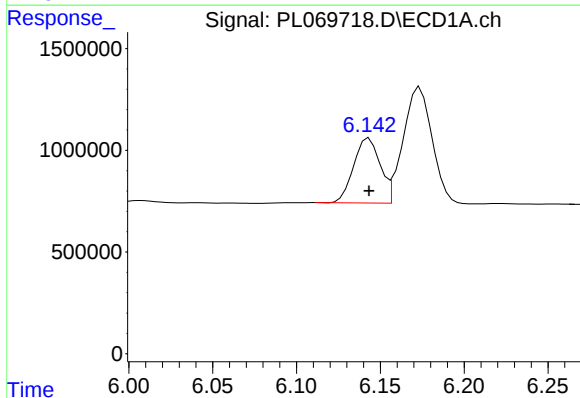
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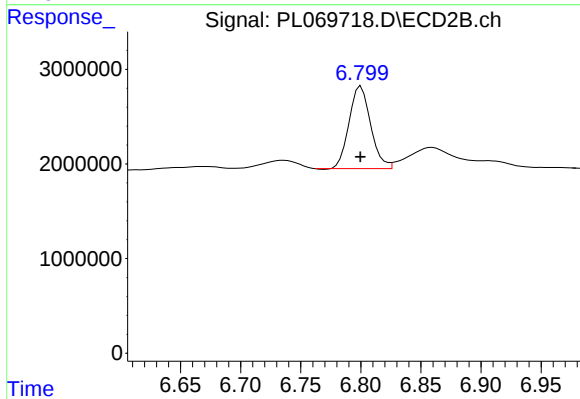
#5 Aldrin

R.T.: 7.568 min  
Delta R.T.: 0.000 min  
Response: 19745471  
Conc: 13.45 ng/ml



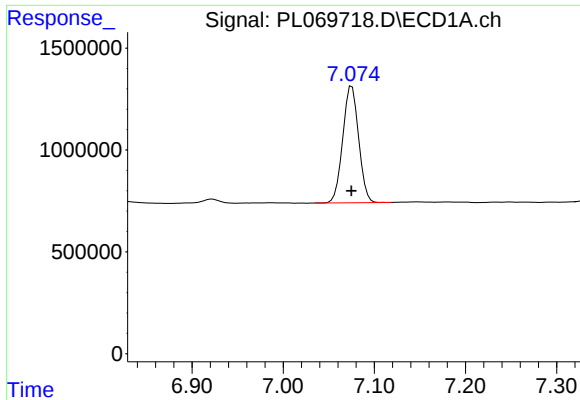
#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 3493375  
Conc: 14.56 ng/ml



#6 beta-BHC

R.T.: 6.800 min  
Delta R.T.: 0.000 min  
Response: 10901338  
Conc: 12.55 ng/ml



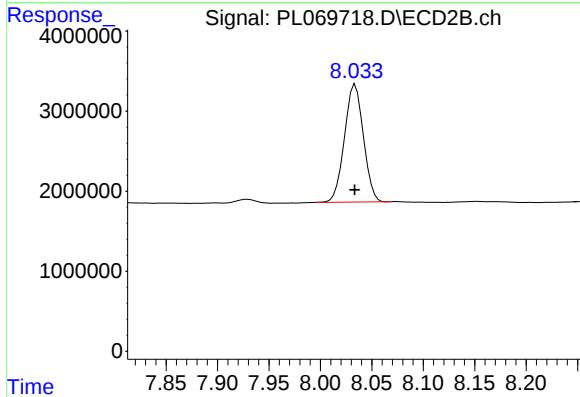
#8 Heptachlor epoxide

R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 6920322  
Conc: 14.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

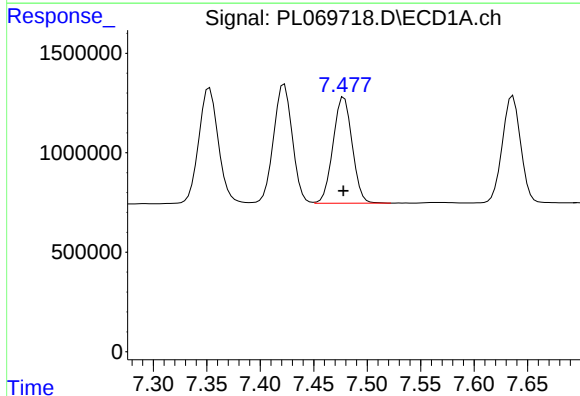
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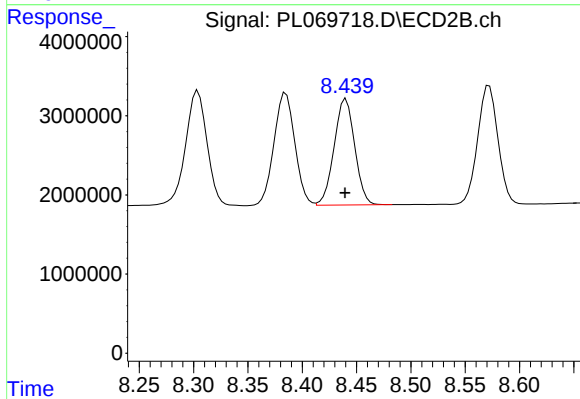
#8 Heptachlor epoxide

R.T.: 8.034 min  
Delta R.T.: 0.000 min  
Response: 18864843  
Conc: 13.96 ng/ml



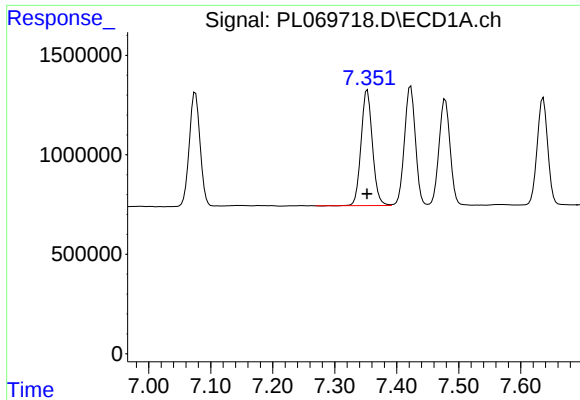
#9 Endosulfan I

R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 6662330  
Conc: 14.09 ng/ml



#9 Endosulfan I

R.T.: 8.440 min  
Delta R.T.: 0.001 min  
Response: 17687212  
Conc: 13.76 ng/ml



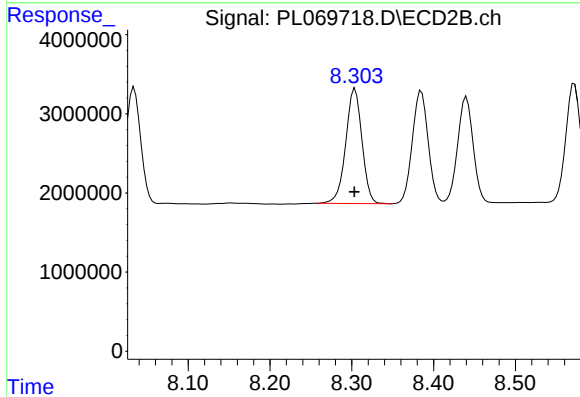
#10 gamma-Chlordane

R.T.: 7.353 min  
Delta R.T.: 0.000 min  
Response: 7433429  
Conc: 14.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

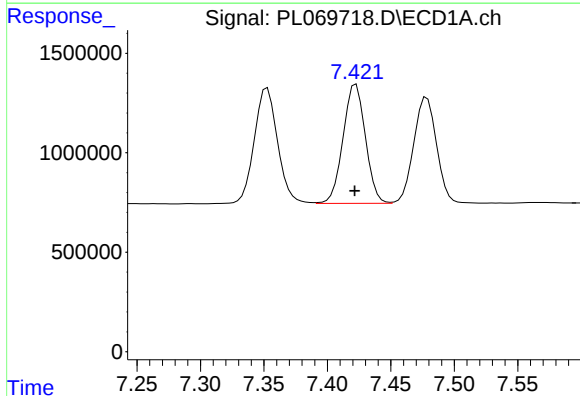
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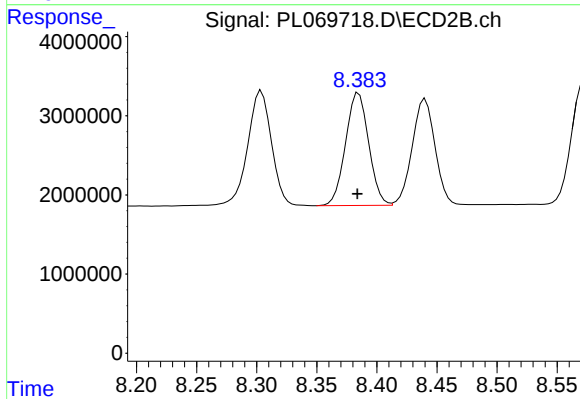
#10 gamma-Chlordane

R.T.: 8.304 min  
Delta R.T.: 0.000 min  
Response: 19906809  
Conc: 14.33 ng/ml



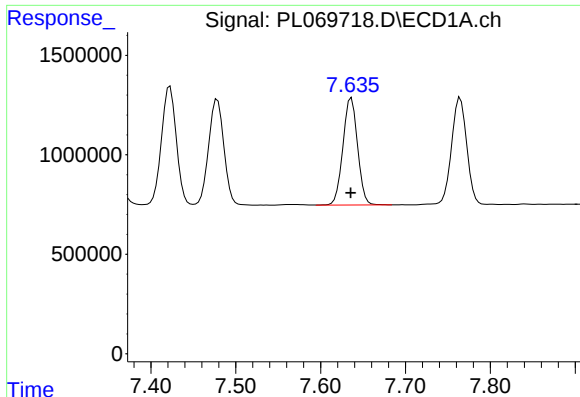
#11 alpha-Chlordane

R.T.: 7.423 min  
Delta R.T.: 0.000 min  
Response: 7334952  
Conc: 14.12 ng/ml



#11 alpha-Chlordane

R.T.: 8.385 min  
Delta R.T.: 0.001 min  
Response: 19070815  
Conc: 13.94 ng/ml



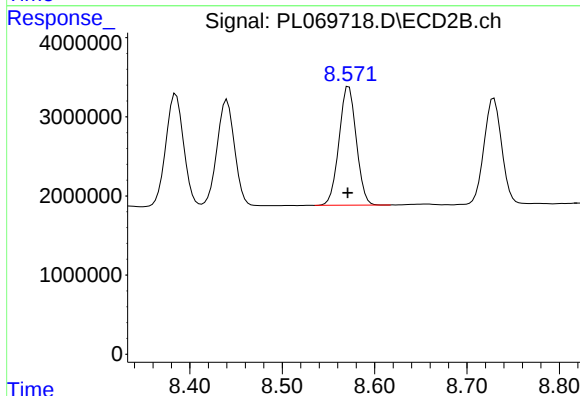
#12 4,4'-DDE

R.T.: 7.635 min  
Delta R.T.: 0.000 min  
Response: 6453586  
Conc: 14.32 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

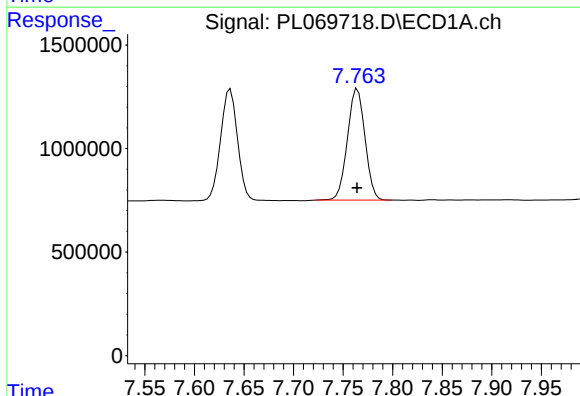
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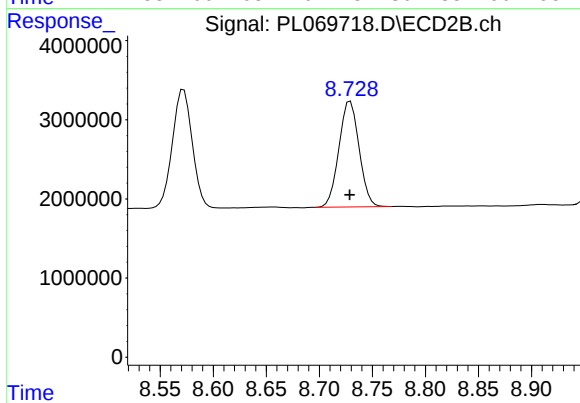
#12 4,4'-DDE

R.T.: 8.572 min  
Delta R.T.: 0.001 min  
Response: 19499552  
Conc: 14.72 ng/ml



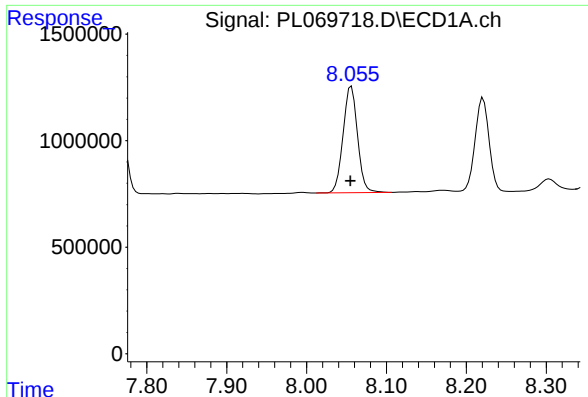
#13 Dieldrin

R.T.: 7.765 min  
Delta R.T.: 0.000 min  
Response: 6627815  
Conc: 13.40 ng/ml



#13 Dieldrin

R.T.: 8.729 min  
Delta R.T.: 0.000 min  
Response: 17646822  
Conc: 13.36 ng/ml



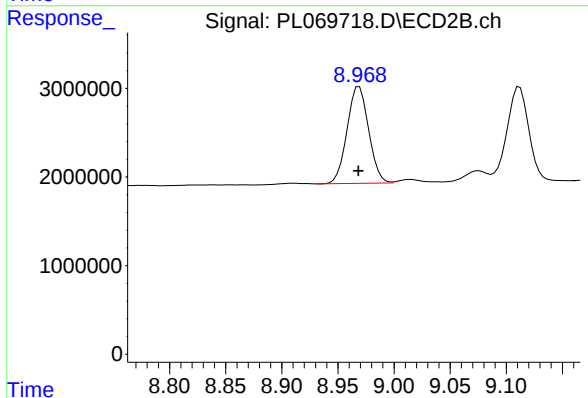
#14 Endrin

R.T.: 8.056 min  
Delta R.T.: 0.001 min  
Response: 6269748  
Conc: 13.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

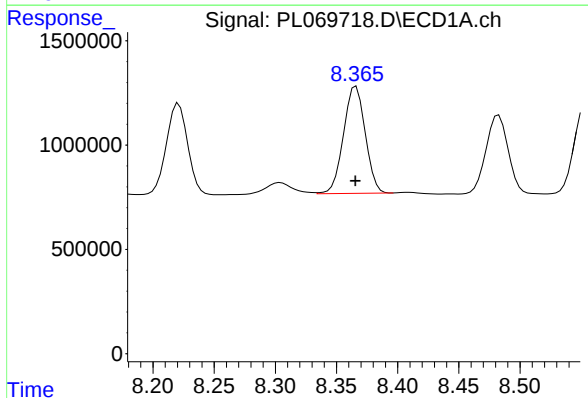
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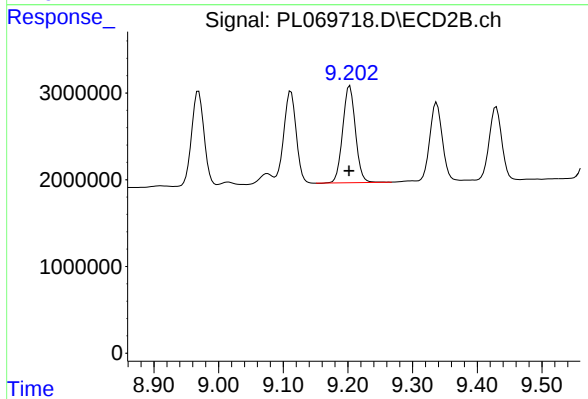
#14 Endrin

R.T.: 8.969 min  
Delta R.T.: 0.000 min  
Response: 14546557  
Conc: 13.05 ng/ml



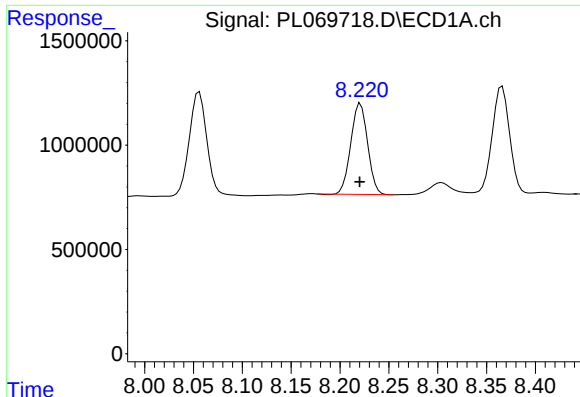
#15 Endosulfan II

R.T.: 8.366 min  
Delta R.T.: 0.000 min  
Response: 6349325  
Conc: 12.91 ng/ml



#15 Endosulfan II

R.T.: 9.203 min  
Delta R.T.: 0.001 min  
Response: 15271242  
Conc: 13.42 ng/ml



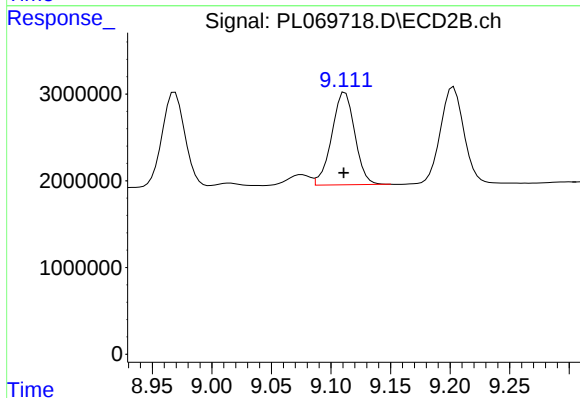
#16 4,4'-DDD

R.T.: 8.221 min  
Delta R.T.: 0.000 min  
Response: 5237749  
Conc: 12.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

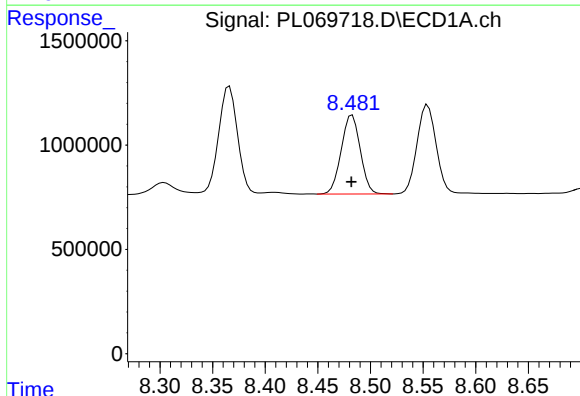
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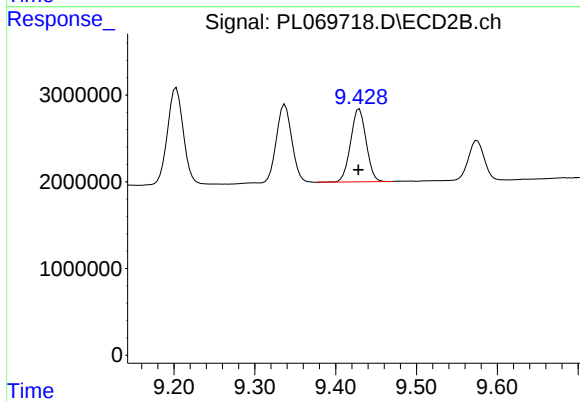
#16 4,4'-DDD

R.T.: 9.112 min  
Delta R.T.: 0.001 min  
Response: 14394690  
Conc: 13.23 ng/ml



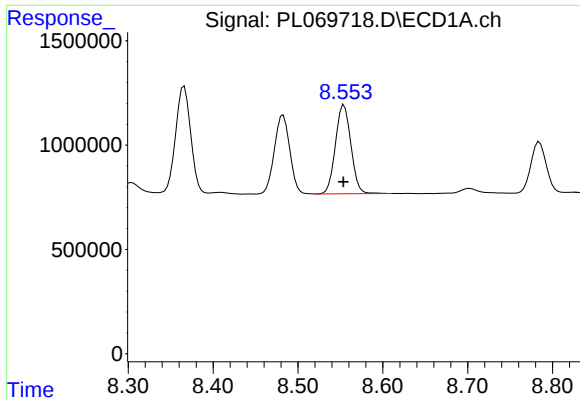
#17 4,4'-DDT

R.T.: 8.483 min  
Delta R.T.: 0.000 min  
Response: 4771105  
Conc: 10.27 ng/ml



#17 4,4'-DDT

R.T.: 9.429 min  
Delta R.T.: 0.001 min  
Response: 11251692  
Conc: 10.32 ng/ml



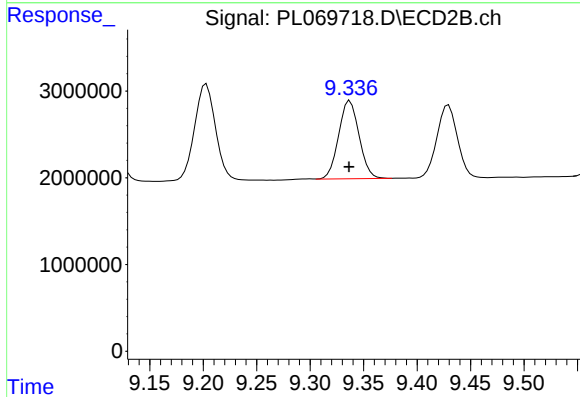
#18 Endrin aldehyde

R.T.: 8.554 min  
Delta R.T.: 0.001 min  
Response: 5392560  
Conc: 12.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

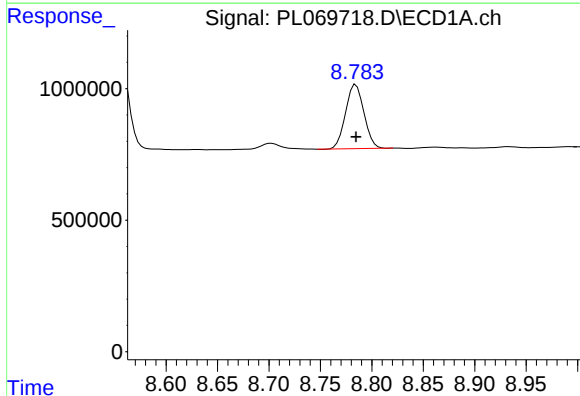
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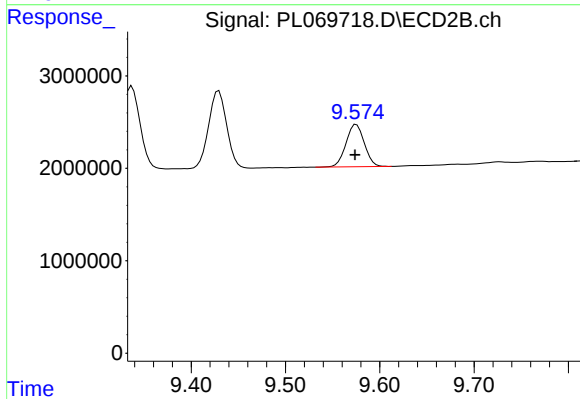
#18 Endrin aldehyde

R.T.: 9.337 min  
Delta R.T.: 0.001 min  
Response: 12000575  
Conc: 12.35 ng/ml



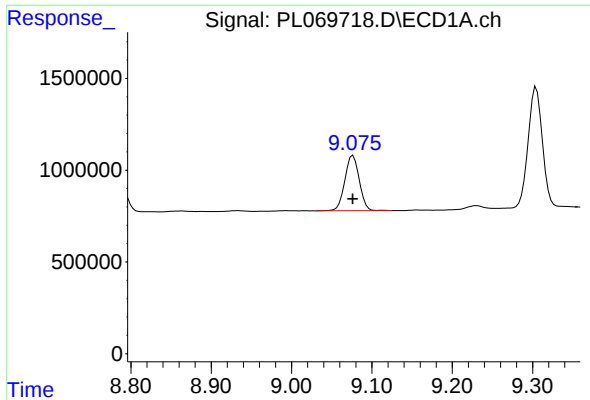
#19 Endosulfan Sulfate

R.T.: 8.784 min  
Delta R.T.: 0.000 min  
Response: 3033493  
Conc: 5.73 ng/ml



#19 Endosulfan Sulfate

R.T.: 9.575 min  
Delta R.T.: 0.001 min  
Response: 6213956  
Conc: 5.63 ng/ml



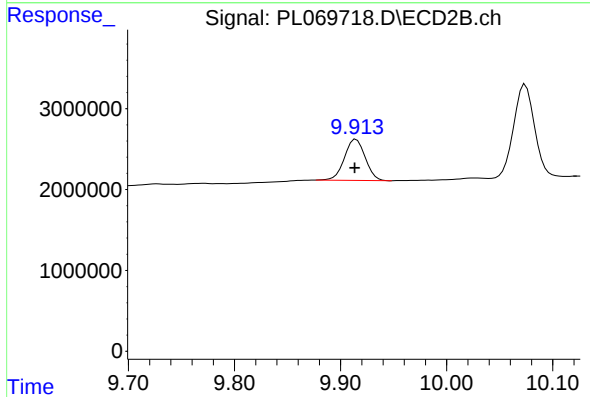
#20 Methoxychlor

R.T.: 9.077 min  
Delta R.T.: 0.000 min  
Response: 3760269  
Conc: 12.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

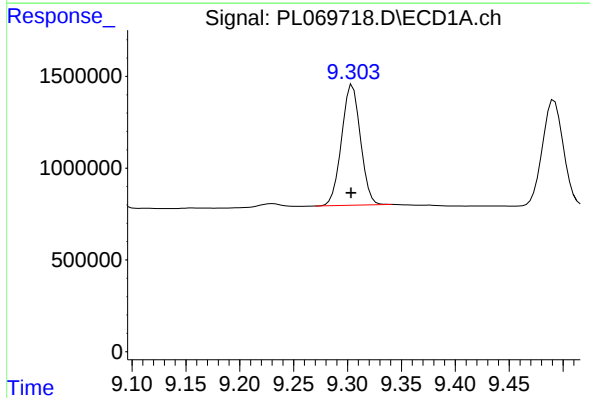
Manual Integrations  
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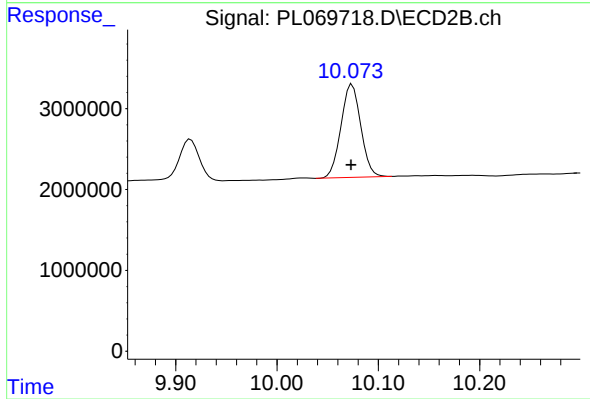
#20 Methoxychlor

R.T.: 9.915 min  
Delta R.T.: 0.001 min  
Response: 6932520  
Conc: 11.98 ng/ml



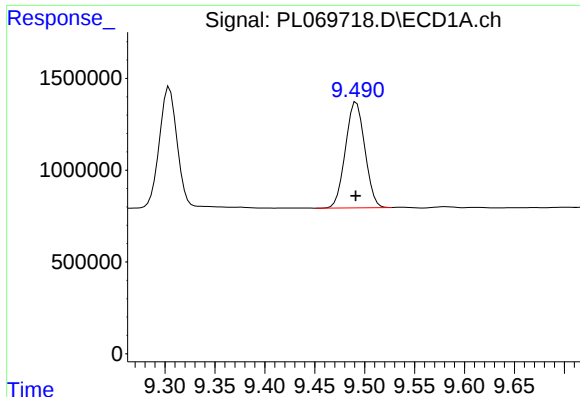
#21 Endrin ketone

R.T.: 9.304 min  
Delta R.T.: 0.001 min  
Response: 8036753  
Conc: 13.39 ng/ml



#21 Endrin ketone

R.T.: 10.074 min  
Delta R.T.: 0.001 min  
Response: 15615428  
Conc: 13.15 ng/ml



#22 Mirex

R.T.: 9.492 min

Delta R.T.: 0.000 min

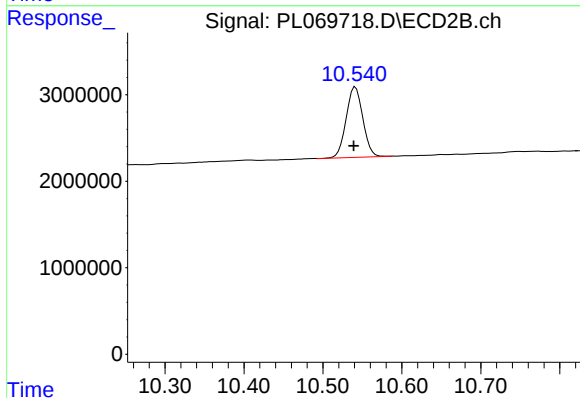
Response: 7780965

Conc: 14.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138924BS

Manual Integrations  
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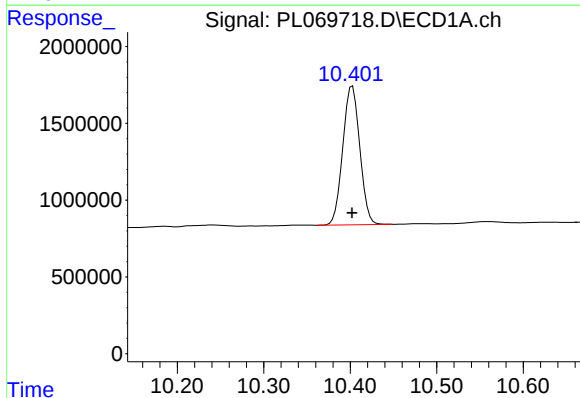
#22 Mirex

R.T.: 10.541 min

Delta R.T.: 0.002 min

Response: 11979673

Conc: 13.35 ng/ml



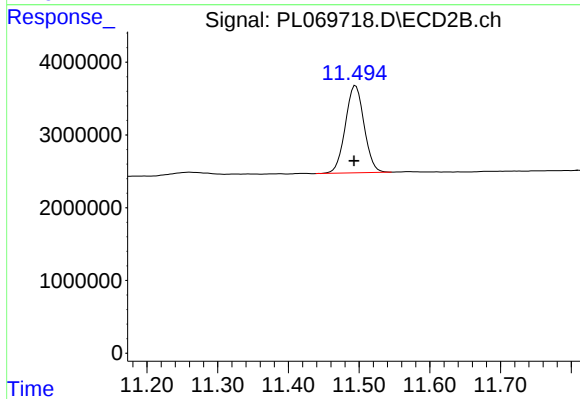
#28 Decachlorobiphenyl

R.T.: 10.402 min

Delta R.T.: 0.000 min

Response: 12281112

Conc: 20.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.495 min

Delta R.T.: 0.002 min

Response: 22136470

Conc: 19.62 ng/ml