

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081921\  
 Data File : PL069224.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2021 10:20  
 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: Aug 19 15:16:44 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 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  | 5.571  | 18617477 | 58733662 | 45.009 | 57.847 # |
| 28)                         | SA Decachlor... | 10.409 | 11.497 | 25223913 | 49374502 | 43.891 | 50.889   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 5.349  | 6.151  | 25400093 | 80899942 | 45.919 | 59.406 # |
| 3)                          | MA gamma-BHC... | 5.772  | 6.548  | 24412432 | 76231014 | 44.981 | 58.590 # |
| 4)                          | MA Heptachlor   | 6.181  | 7.198  | 26502415 | 75866700 | 45.123 | 56.513 # |
| 5)                          | MB Aldrin       | 6.506  | 7.569  | 23827199 | 67707946 | 44.557 | 56.099 # |
| 6)                          | B beta-BHC      | 6.150  | 6.799  | 13417277 | 34314411 | 47.596 | 52.967m  |
| 7)                          | B delta-BHC     | 6.412  | 7.069  | 24164556 | 67808718 | 45.036 | 53.824   |
| 8)                          | B Heptachlo...  | 7.082  | 8.035  | 23409805 | 61941299 | 43.923 | 53.580   |
| 9)                          | A Endosulfan I  | 7.485  | 8.440  | 22108411 | 56747519 | 43.547 | 53.810   |
| 10)                         | B gamma-Chl...  | 7.359  | 8.304  | 23937095 | 60211182 | 43.678 | 52.574   |
| 11)                         | B alpha-Chl...  | 7.429  | 8.386  | 24007422 | 61162105 | 43.621 | 53.257   |
| 12)                         | B 4,4'-DDE      | 7.642  | 8.573  | 21177053 | 57828606 | 43.842 | 54.711   |
| 13)                         | MA Dieldrin     | 7.771  | 8.730  | 22752346 | 57764328 | 43.982 | 53.306   |
| 14)                         | MA Endrin       | 8.062  | 8.970  | 21306615 | 48433586 | 44.212 | 53.359   |
| 15)                         | B Endosulfa...  | 8.371  | 9.203  | 21569913 | 47526850 | 44.965 | 51.818   |
| 16)                         | A 4,4'-DDD      | 8.227  | 9.112  | 18842637 | 45108363 | 43.902 | 52.790   |
| 17)                         | MA 4,4'-DDT     | 8.488  | 9.430  | 21394746 | 49632722 | 44.052 | 52.445   |
| 18)                         | B Endrin al...  | 8.560  | 9.338  | 17213728 | 37931777 | 45.904 | 54.129   |
| 19)                         | B Endosulfa...  | 8.791  | 9.575  | 22242761 | 46176391 | 43.236 | 50.660   |
| 20)                         | A Methoxychlor  | 9.082  | 9.916  | 13803743 | 26251295 | 44.096 | 50.445   |
| 21)                         | B Endrin ke...  | 9.310  | 10.074 | 25991568 | 50477151 | 44.427 | 49.571   |
| 22)                         | Mirex           | 9.498  | 10.542 | 21995237 | 38394475 | 43.898 | 48.545   |
| -----                       |                 |        |        |          |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081921\  
 Data File : PL069224.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2021 10:20  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

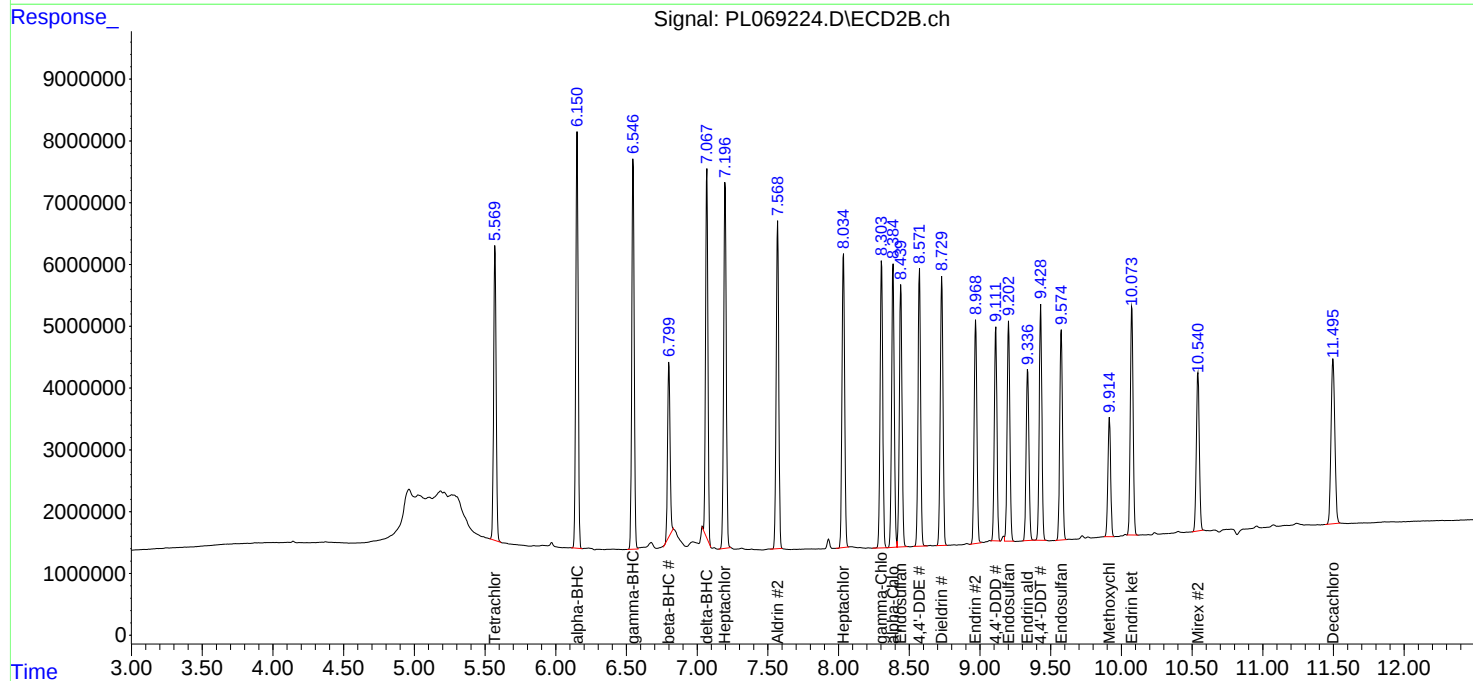
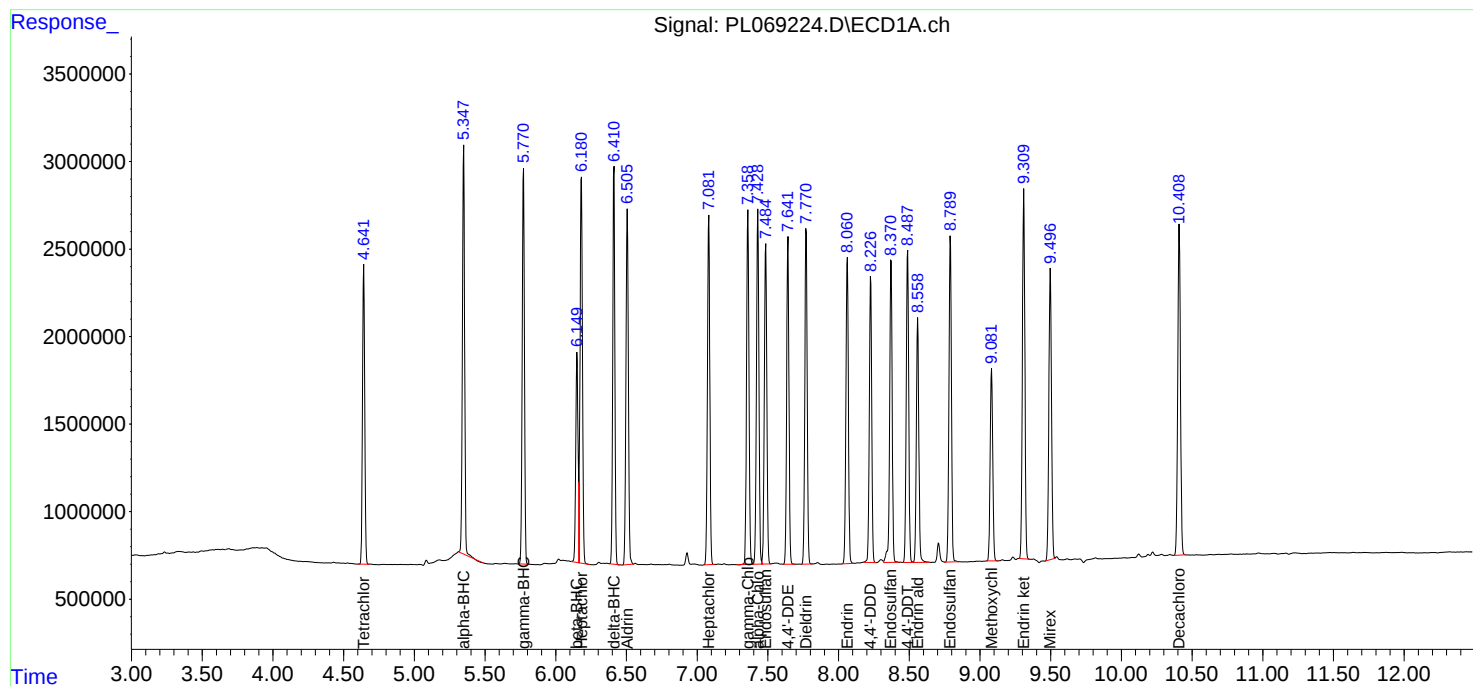
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

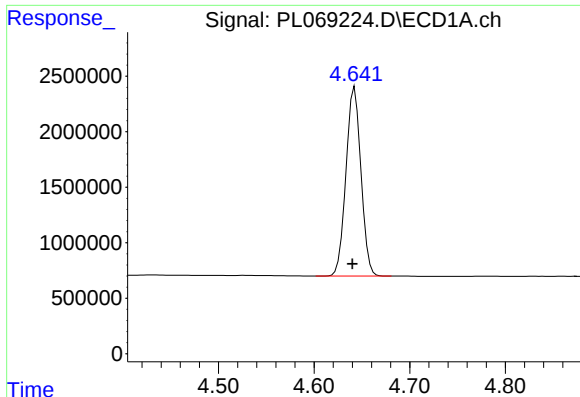
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 15:16:44 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 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





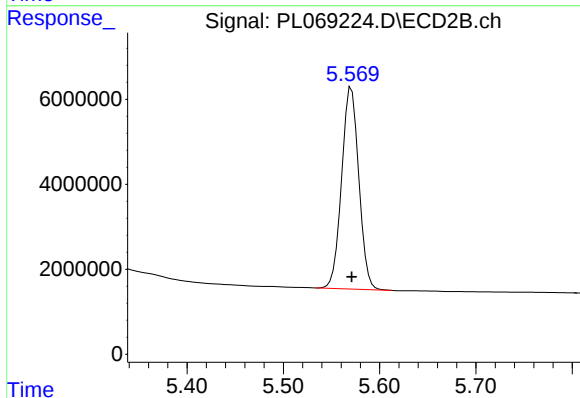
#1 Tetrachloro-m-xylene

R.T.: 4.643 min  
Delta R.T.: 0.003 min  
Response: 18617477  
Conc: 45.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

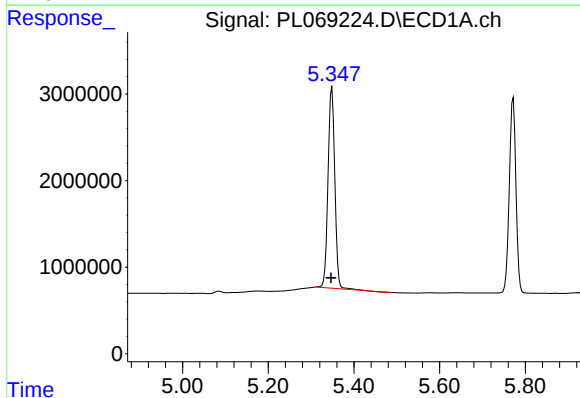
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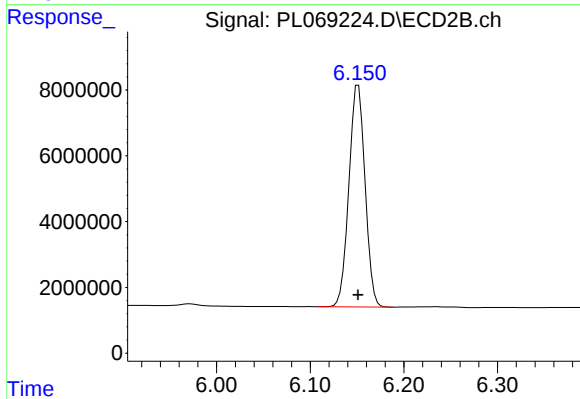
#1 Tetrachloro-m-xylene

R.T.: 5.571 min  
Delta R.T.: 0.000 min  
Response: 58733662  
Conc: 57.85 ng/ml



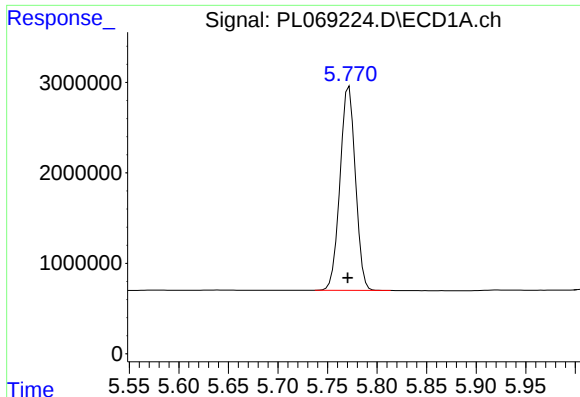
#2 alpha-BHC

R.T.: 5.349 min  
Delta R.T.: 0.002 min  
Response: 25400093  
Conc: 45.92 ng/ml



#2 alpha-BHC

R.T.: 6.151 min  
Delta R.T.: 0.000 min  
Response: 80899942  
Conc: 59.41 ng/ml



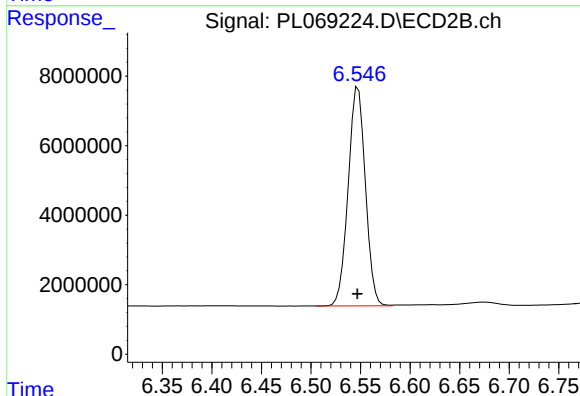
#3 gamma-BHC (Lindane)

R.T.: 5.772 min  
Delta R.T.: 0.001 min  
Response: 24412432  
Conc: 44.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

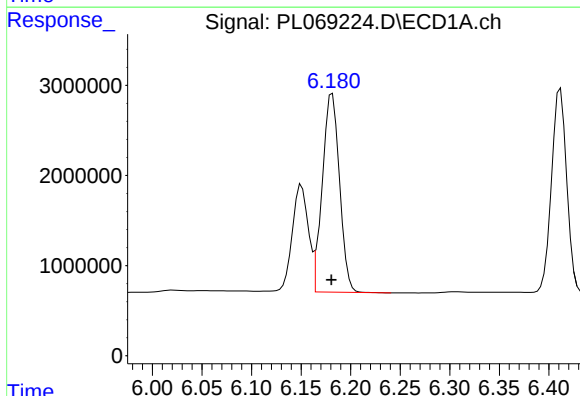
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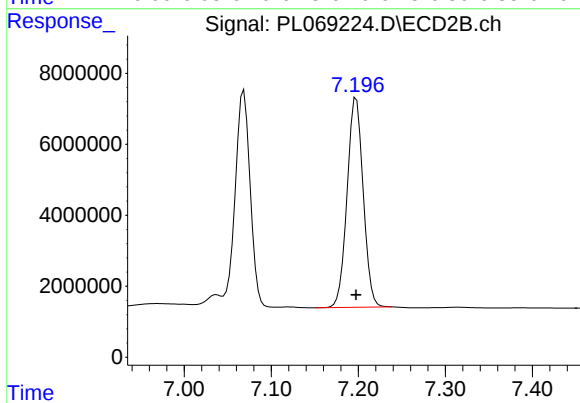
#3 gamma-BHC (Lindane)

R.T.: 6.548 min  
Delta R.T.: 0.000 min  
Response: 76231014  
Conc: 58.59 ng/ml



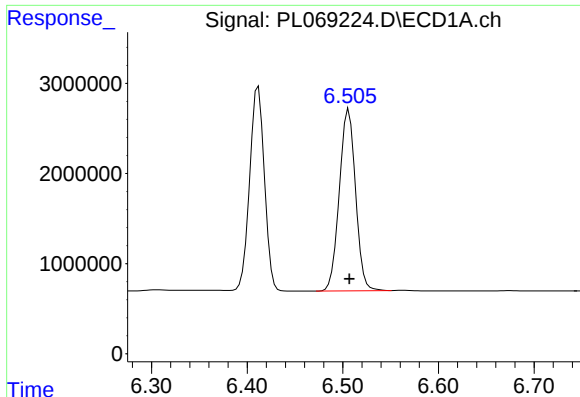
#4 Heptachlor

R.T.: 6.181 min  
Delta R.T.: 0.001 min  
Response: 26502415  
Conc: 45.12 ng/ml



#4 Heptachlor

R.T.: 7.198 min  
Delta R.T.: 0.000 min  
Response: 75866700  
Conc: 56.51 ng/ml



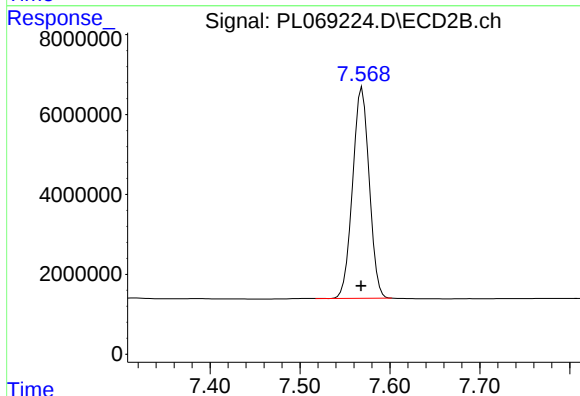
#5 Aldrin

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 23827199  
Conc: 44.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

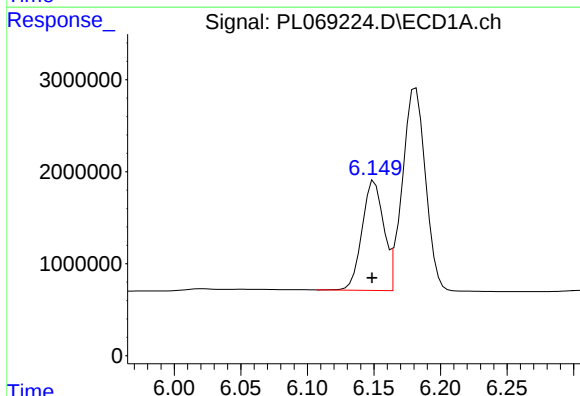
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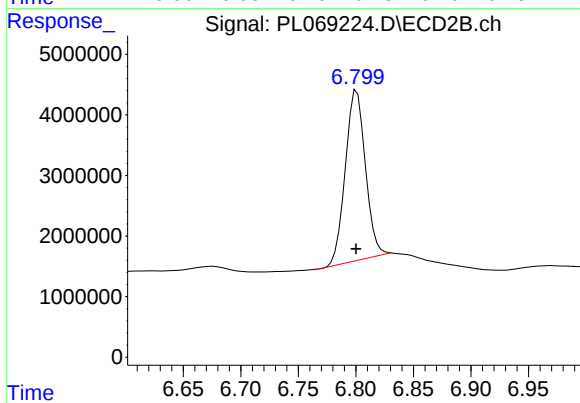
#5 Aldrin

R.T.: 7.569 min  
Delta R.T.: 0.001 min  
Response: 67707946  
Conc: 56.10 ng/ml



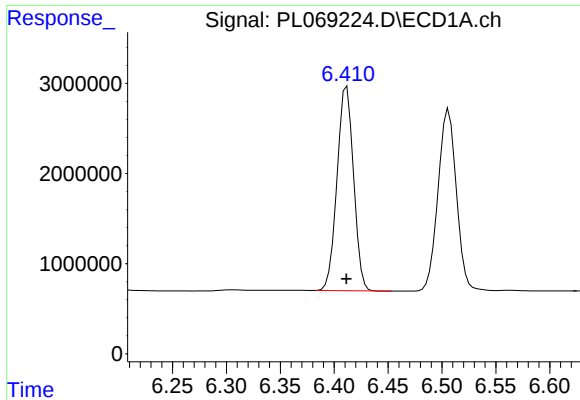
#6 beta-BHC

R.T.: 6.150 min  
Delta R.T.: 0.002 min  
Response: 13417277  
Conc: 47.60 ng/ml



#6 beta-BHC

R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 34314411  
Conc: 52.97 ng/ml m



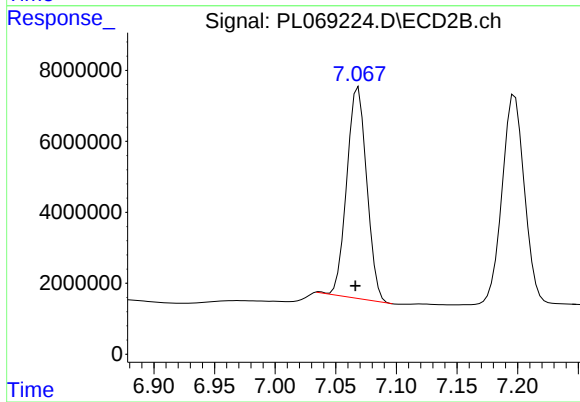
#7 delta-BHC

R.T.: 6.412 min  
Delta R.T.: 0.000 min  
Response: 24164556  
Conc: 45.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

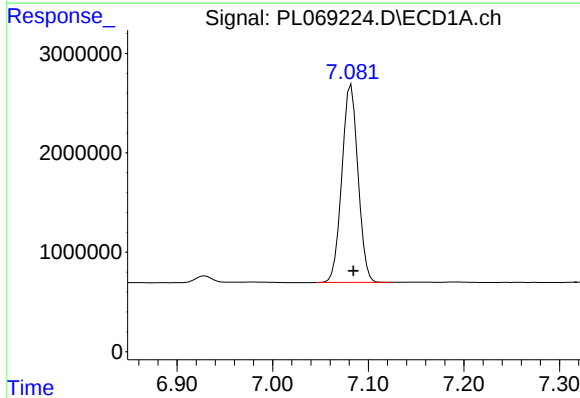
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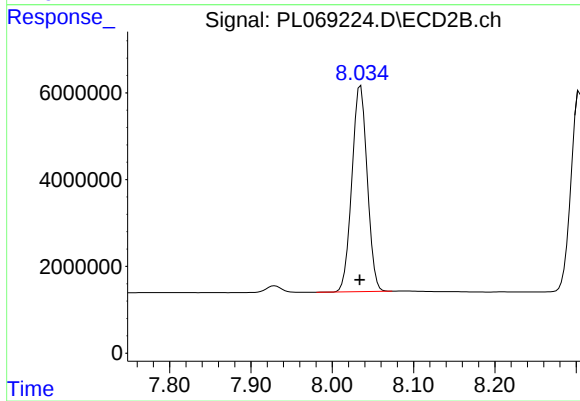
#7 delta-BHC

R.T.: 7.069 min  
Delta R.T.: 0.003 min  
Response: 67808718  
Conc: 53.82 ng/ml



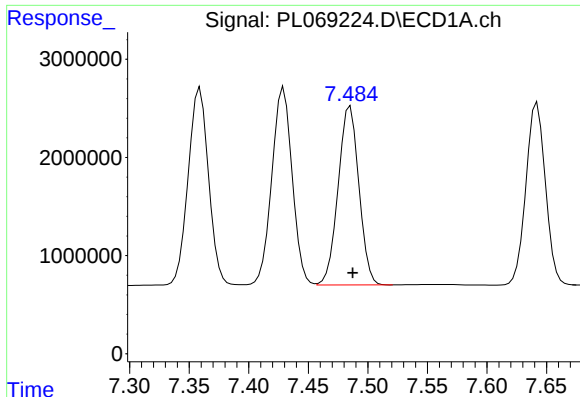
#8 Heptachlor epoxide

R.T.: 7.082 min  
Delta R.T.: -0.002 min  
Response: 23409805  
Conc: 43.92 ng/ml



#8 Heptachlor epoxide

R.T.: 8.035 min  
Delta R.T.: 0.000 min  
Response: 61941299  
Conc: 53.58 ng/ml



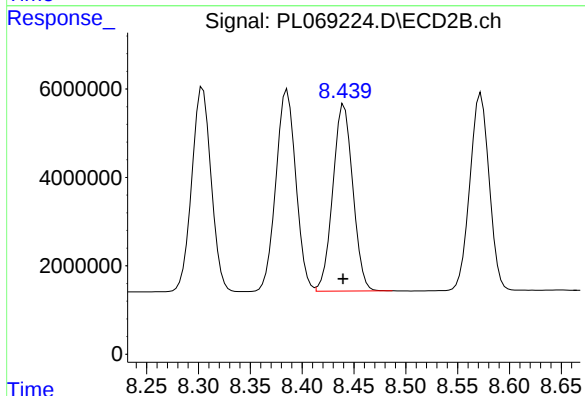
#9 Endosulfan I

R.T.: 7.485 min  
Delta R.T.: -0.002 min  
Response: 22108411  
Conc: 43.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

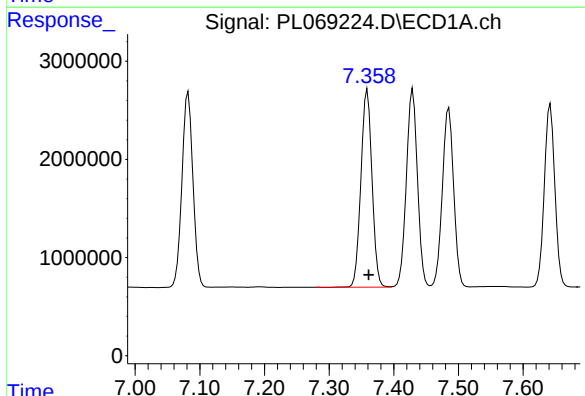
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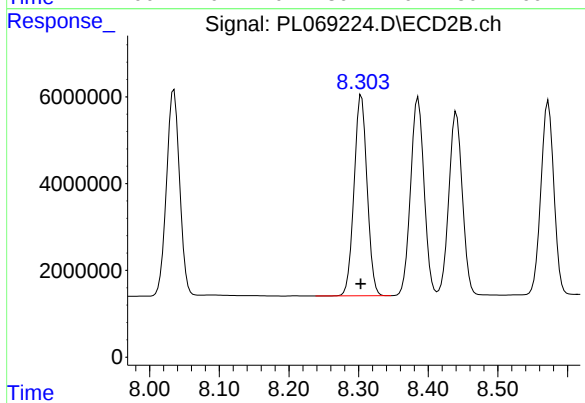
#9 Endosulfan I

R.T.: 8.440 min  
Delta R.T.: 0.000 min  
Response: 56747519  
Conc: 53.81 ng/ml



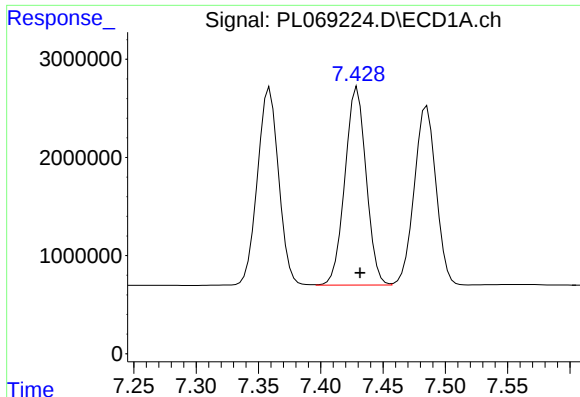
#10 gamma-Chlordane

R.T.: 7.359 min  
Delta R.T.: -0.002 min  
Response: 23937095  
Conc: 43.68 ng/ml



#10 gamma-Chlordane

R.T.: 8.304 min  
Delta R.T.: 0.001 min  
Response: 60211182  
Conc: 52.57 ng/ml



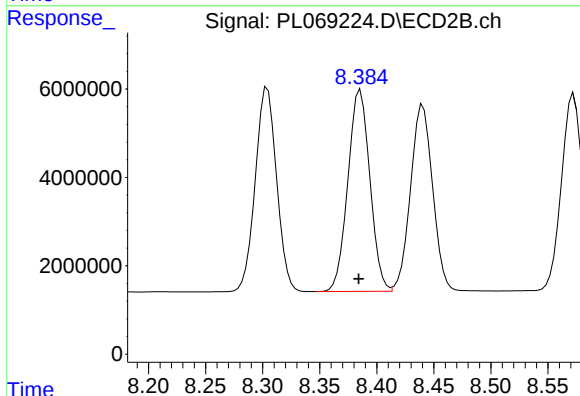
#11 alpha-Chlordane

R.T.: 7.429 min  
Delta R.T.: -0.002 min  
Response: 24007422  
Conc: 43.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

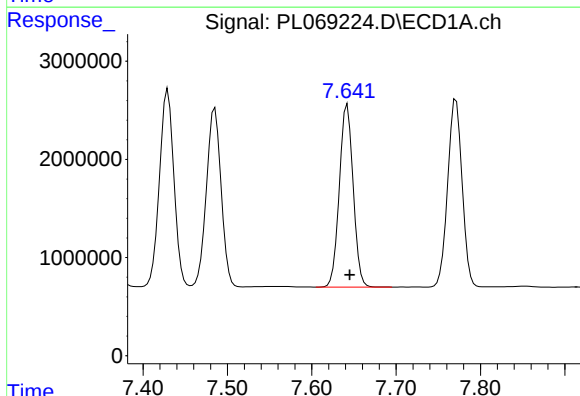
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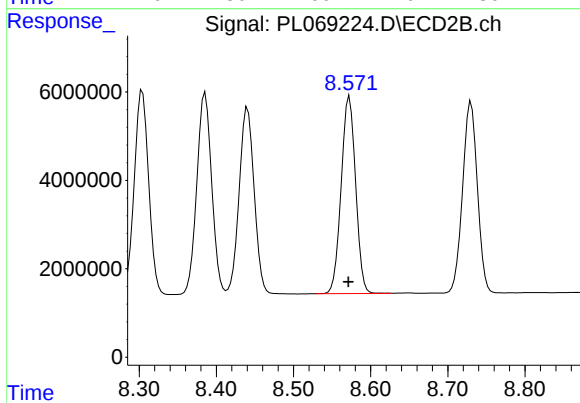
#11 alpha-Chlordane

R.T.: 8.386 min  
Delta R.T.: 0.001 min  
Response: 61162105  
Conc: 53.26 ng/ml



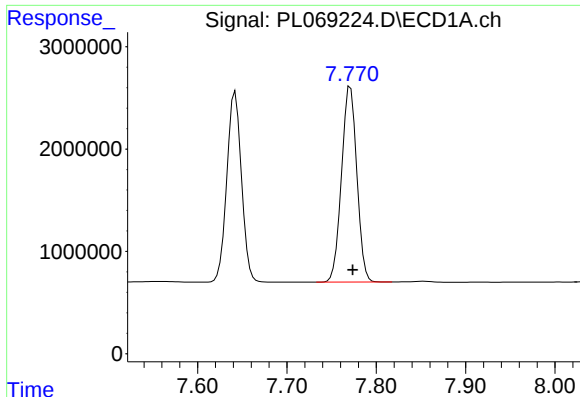
#12 4,4'-DDE

R.T.: 7.642 min  
Delta R.T.: -0.003 min  
Response: 21177053  
Conc: 43.84 ng/ml



#12 4,4'-DDE

R.T.: 8.573 min  
Delta R.T.: 0.002 min  
Response: 57828606  
Conc: 54.71 ng/ml



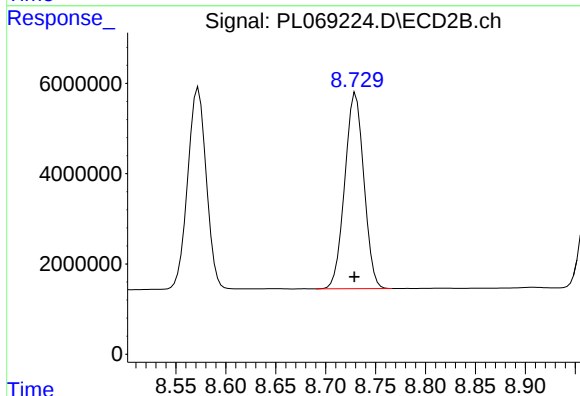
#13 Dieldrin

R.T.: 7.771 min  
Delta R.T.: -0.003 min  
Response: 22752346  
Conc: 43.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

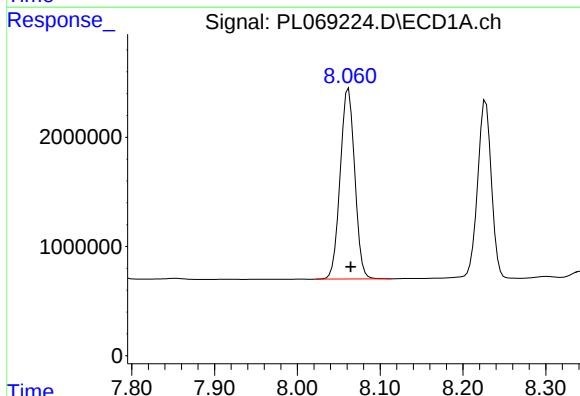
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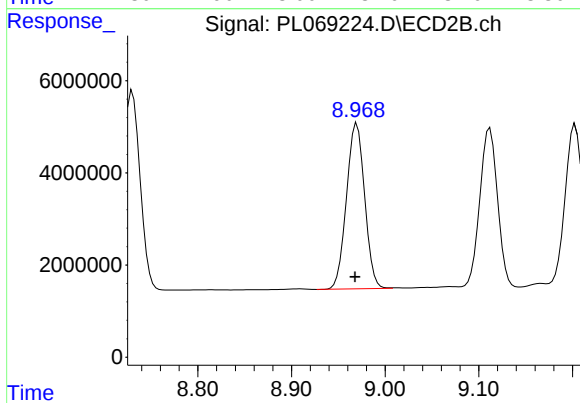
#13 Dieldrin

R.T.: 8.730 min  
Delta R.T.: 0.001 min  
Response: 57764328  
Conc: 53.31 ng/ml



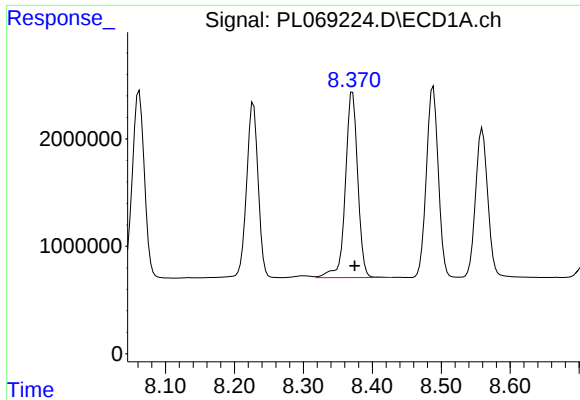
#14 Endrin

R.T.: 8.062 min  
Delta R.T.: -0.003 min  
Response: 21306615  
Conc: 44.21 ng/ml



#14 Endrin

R.T.: 8.970 min  
Delta R.T.: 0.002 min  
Response: 48433586  
Conc: 53.36 ng/ml



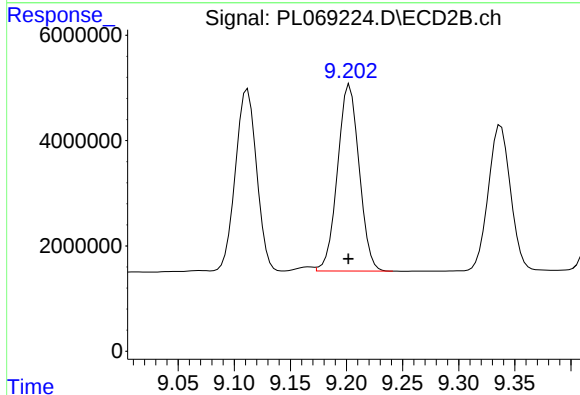
#15 Endosulfan II

R.T.: 8.371 min  
Delta R.T.: -0.003 min  
Response: 21569913  
Conc: 44.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

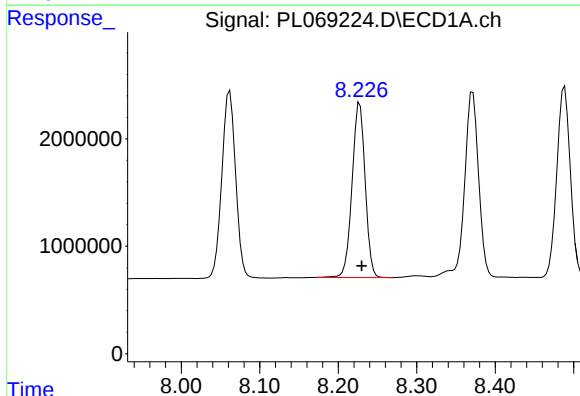
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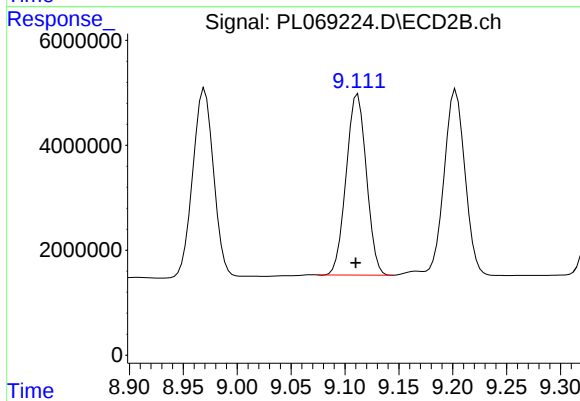
#15 Endosulfan II

R.T.: 9.203 min  
Delta R.T.: 0.001 min  
Response: 47526850  
Conc: 51.82 ng/ml



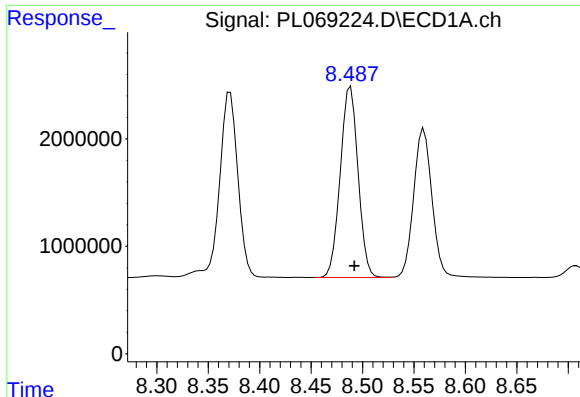
#16 4,4'-DDD

R.T.: 8.227 min  
Delta R.T.: -0.002 min  
Response: 18842637  
Conc: 43.90 ng/ml



#16 4,4'-DDD

R.T.: 9.112 min  
Delta R.T.: 0.002 min  
Response: 45108363  
Conc: 52.79 ng/ml



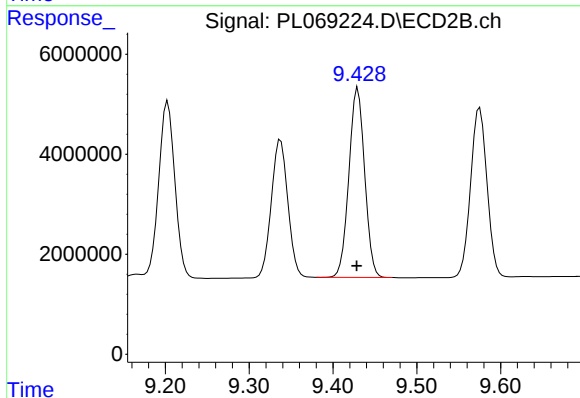
#17 4,4'-DDT

R.T.: 8.488 min  
Delta R.T.: -0.004 min  
Response: 21394746  
Conc: 44.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

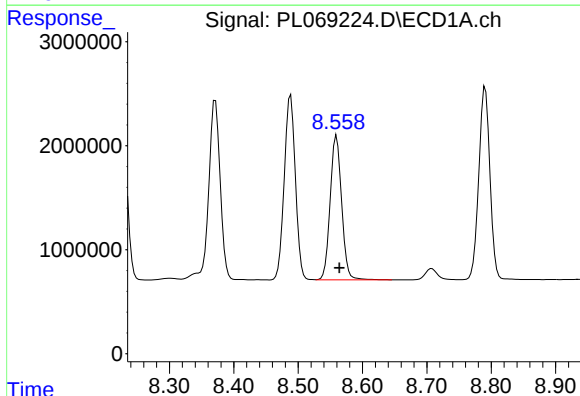
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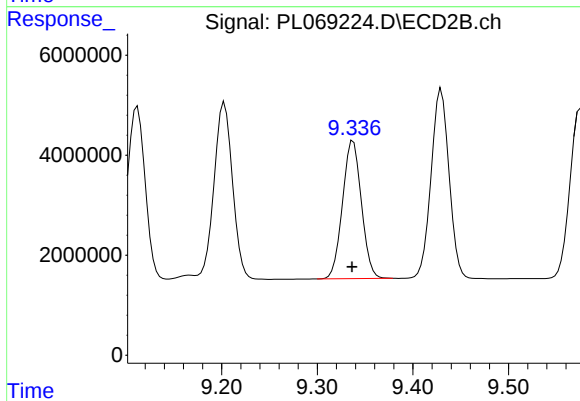
#17 4,4'-DDT

R.T.: 9.430 min  
Delta R.T.: 0.002 min  
Response: 49632722  
Conc: 52.44 ng/ml



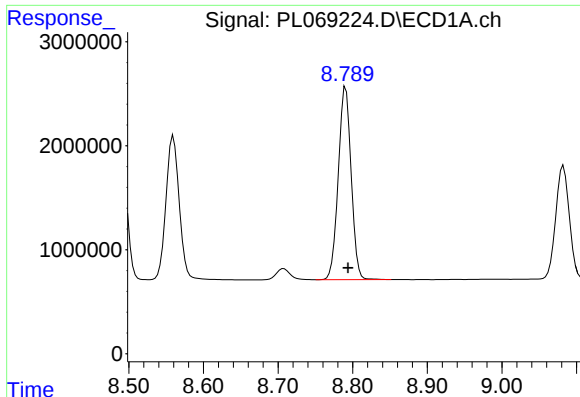
#18 Endrin aldehyde

R.T.: 8.560 min  
Delta R.T.: -0.004 min  
Response: 17213728  
Conc: 45.90 ng/ml



#18 Endrin aldehyde

R.T.: 9.338 min  
Delta R.T.: 0.001 min  
Response: 37931777  
Conc: 54.13 ng/ml



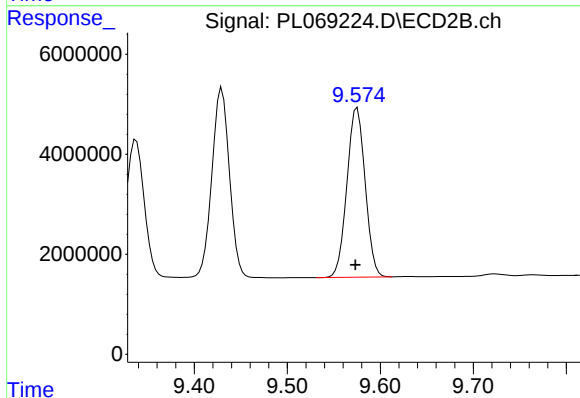
#19 Endosulfan Sulfate

R.T.: 8.791 min  
Delta R.T.: -0.003 min  
Response: 22242761  
Conc: 43.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

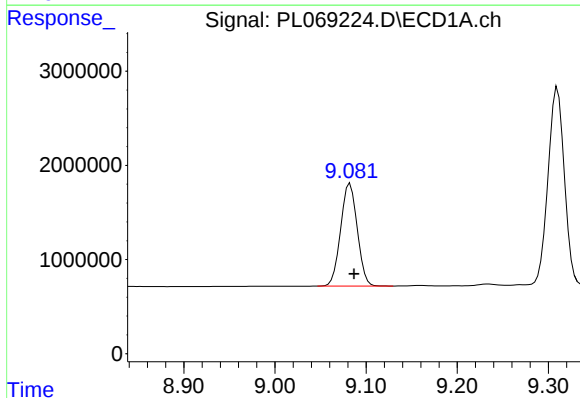
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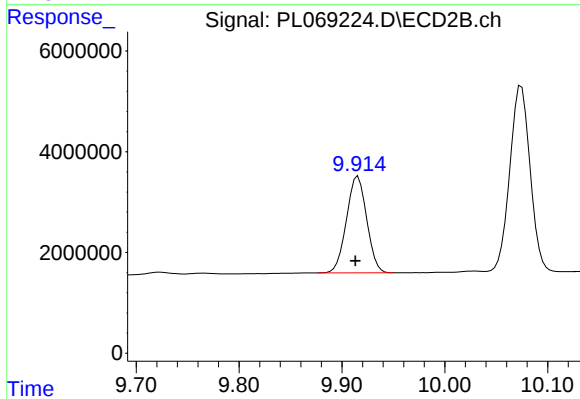
#19 Endosulfan Sulfate

R.T.: 9.575 min  
Delta R.T.: 0.002 min  
Response: 46176391  
Conc: 50.66 ng/ml



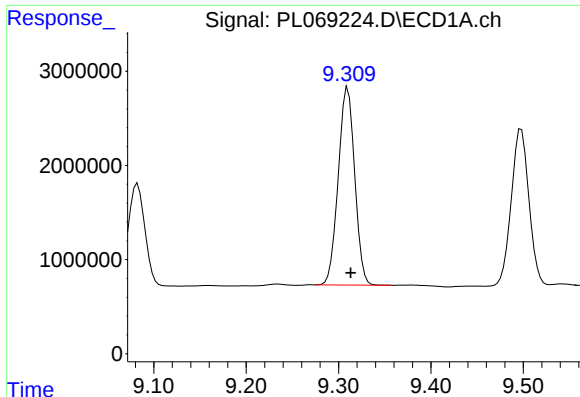
#20 Methoxychlor

R.T.: 9.082 min  
Delta R.T.: -0.004 min  
Response: 13803743  
Conc: 44.10 ng/ml



#20 Methoxychlor

R.T.: 9.916 min  
Delta R.T.: 0.003 min  
Response: 26251295  
Conc: 50.45 ng/ml



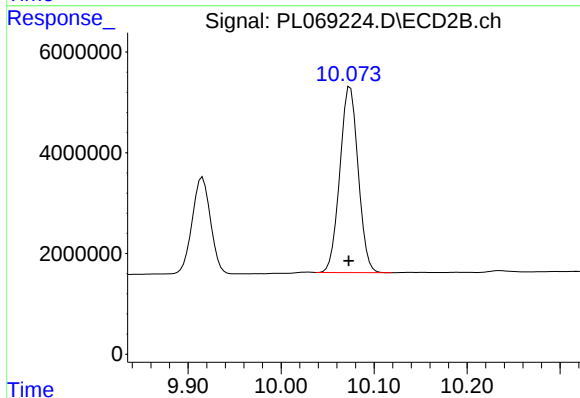
#21 Endrin ketone

R.T.: 9.310 min  
Delta R.T.: -0.003 min  
Response: 25991568  
Conc: 44.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

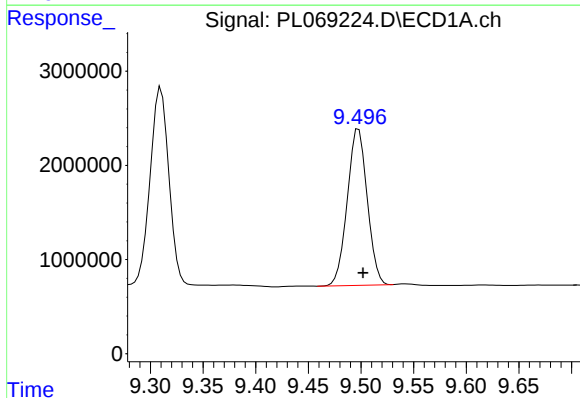
Manual Integrations  
APPROVED

mohammad  
8/20/2021 8:28:10 AM



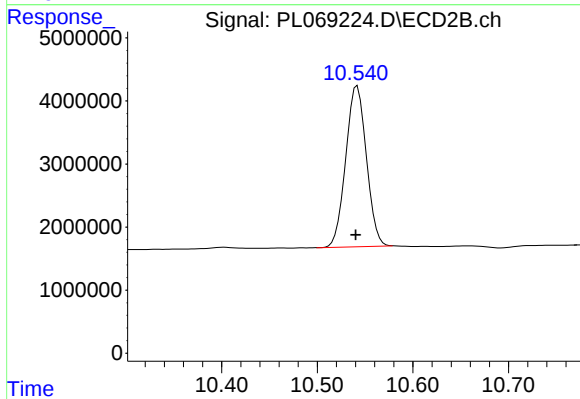
#21 Endrin ketone

R.T.: 10.074 min  
Delta R.T.: 0.002 min  
Response: 50477151  
Conc: 49.57 ng/ml



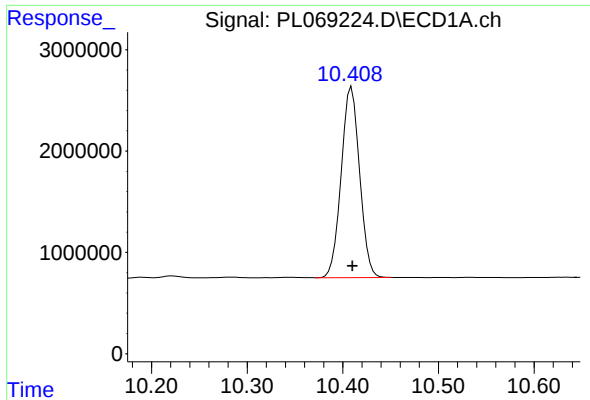
#22 Mirex

R.T.: 9.498 min  
Delta R.T.: -0.004 min  
Response: 21995237  
Conc: 43.90 ng/ml



#22 Mirex

R.T.: 10.542 min  
Delta R.T.: 0.002 min  
Response: 38394475  
Conc: 48.54 ng/ml



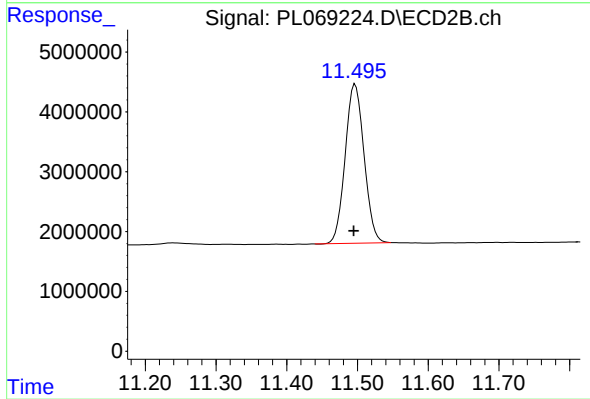
#28 Decachlorobiphenyl

R.T.: 10.409 min  
Delta R.T.: 0.000 min  
Response: 25223913  
Conc: 43.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.497 min  
Delta R.T.: 0.002 min  
Response: 49374502  
Conc: 50.89 ng/ml