

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081321\  
 Data File : PL068959.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2021 14:14  
 Operator : AR\AJ  
 Sample : PB138382BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB138382BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 05:46:26 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... | 4.636  | 5.567  | 8608398  | 23709456 | 20.811  | 23.351 |
| 28)                         | SA Decachlor... | 10.405 | 11.488 | 12597702 | 22097892 | 21.921  | 22.776 |
| Target Compounds            |                 |        |        |          |          |         |        |
| 2)                          | A alpha-BHC     | 5.343  | 6.148  | 28182122 | 75359710 | 50.948  | 55.338 |
| 3)                          | MA gamma-BHC... | 5.766  | 6.543  | 26733538 | 70562137 | 49.258  | 54.233 |
| 4)                          | MA Heptachlor   | 6.176  | 7.193  | 27783913 | 68877489 | 47.305  | 51.307 |
| 5)                          | MB Aldrin       | 6.501  | 7.564  | 25777544 | 62788338 | 48.204  | 52.023 |
| 6)                          | B beta-BHC      | 6.144  | 6.795  | 13792204 | 35815278 | 48.926  | 55.284 |
| 7)                          | B delta-BHC     | 6.406  | 7.064  | 26923071 | 66627791 | 50.178  | 52.887 |
| 8)                          | B Heptachlo...  | 7.077  | 8.030  | 25742839 | 60901536 | 48.301  | 52.681 |
| 9)                          | A Endosulfan I  | 7.480  | 8.435  | 24618203 | 53989066 | 48.490  | 51.195 |
| 10)                         | B gamma-Chl...  | 7.355  | 8.299  | 26678478 | 58803407 | 48.680  | 51.345 |
| 11)                         | B alpha-Chl...  | 7.424  | 8.380  | 26531153 | 58241250 | 48.207  | 50.714 |
| 12)                         | B 4,4'-DDE      | 7.638  | 8.567  | 23742759 | 53846946 | 49.154  | 50.944 |
| 13)                         | MA Dieldrin     | 7.766  | 8.725  | 25815167 | 55773586 | 49.903  | 51.469 |
| 14)                         | MA Endrin       | 8.058  | 8.964  | 25457444 | 46084654 | 52.825  | 50.771 |
| 15)                         | B Endosulfa...  | 8.367  | 9.197  | 23574834 | 47052700 | 49.145  | 51.301 |
| 16)                         | A 4,4'-DDD      | 8.223  | 9.106  | 21092347 | 43901457 | 49.144  | 51.377 |
| 17)                         | MA 4,4'-DDT     | 8.484  | 9.423  | 22578921 | 44512868 | 46.491  | 47.035 |
| 18)                         | B Endrin al...  | 8.556  | 9.332  | 21119177 | 40837883 | 56.319  | 58.276 |
| 19)                         | B Endosulfa...  | 8.786  | 9.569  | 25362667 | 46671997 | 49.300  | 51.203 |
| 20)                         | A Methoxychlor  | 9.079  | 9.908  | 14146540 | 22172362 | 45.191  | 42.607 |
| 21)                         | B Endrin ke...  | 9.305  | 10.067 | 31181711 | 51398458 | 53.298m | 50.476 |
| 22)                         | Mirex           | 9.494  | 10.534 | 23282879 | 38241117 | 46.468  | 48.351 |
| -----                       |                 |        |        |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081321\  
 Data File : PL068959.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2021 14:14  
 Operator : AR\AJ  
 Sample : PB138382BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

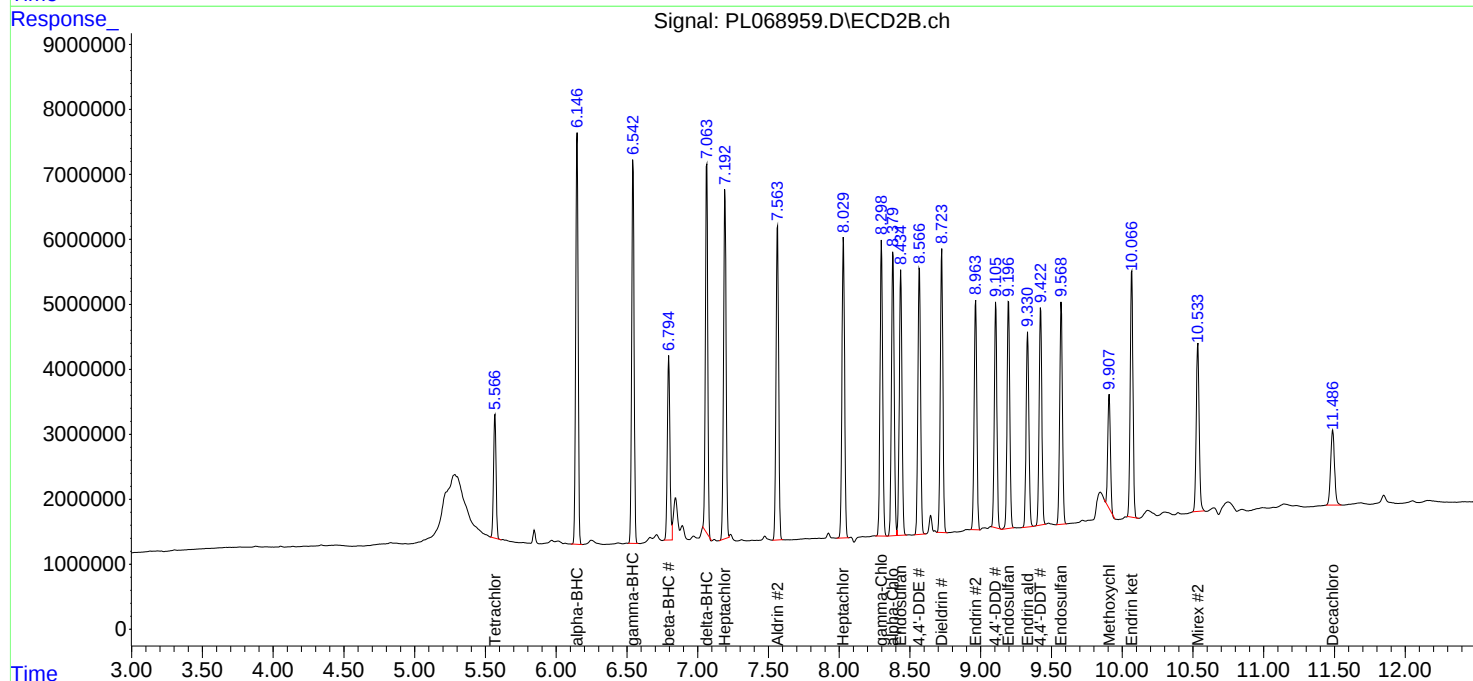
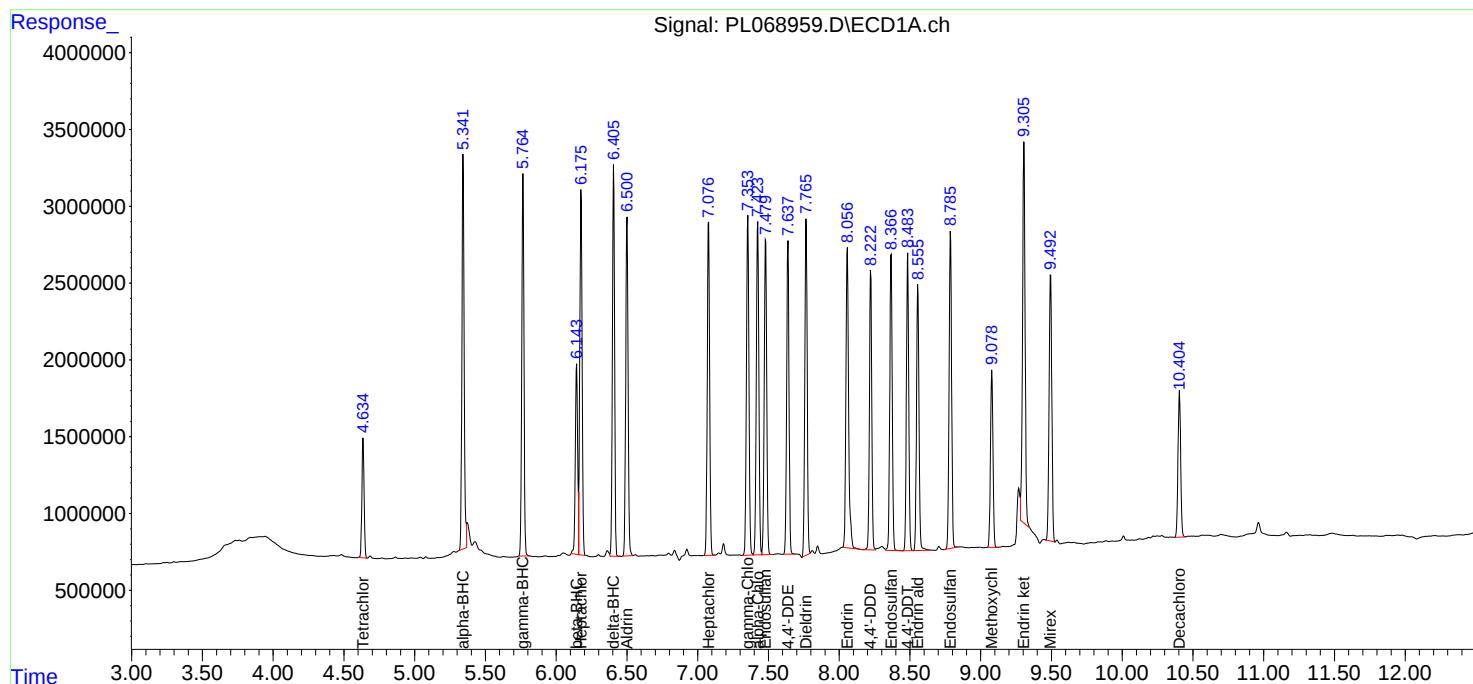
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB138382BS

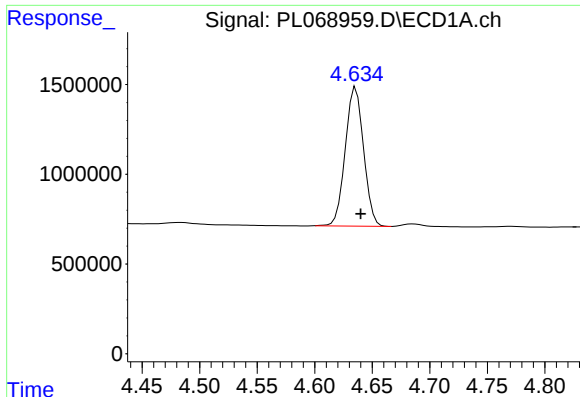
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 05:46:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 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





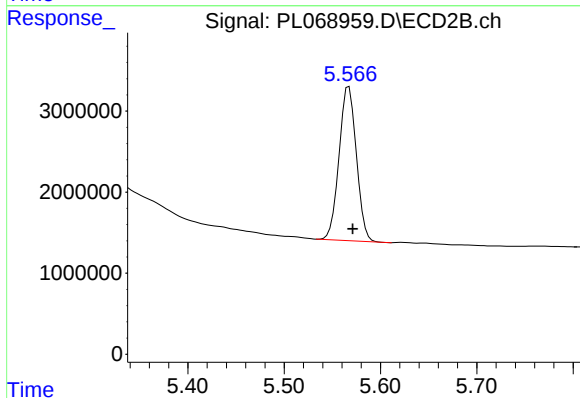
#1 Tetrachloro-m-xylene

R.T.: 4.636 min  
Delta R.T.: -0.004 min  
Response: 8608398  
Conc: 20.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

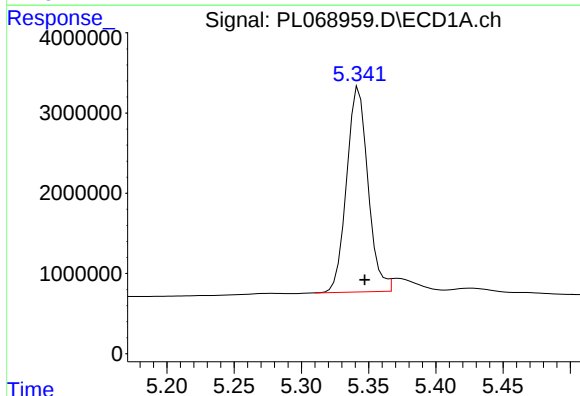
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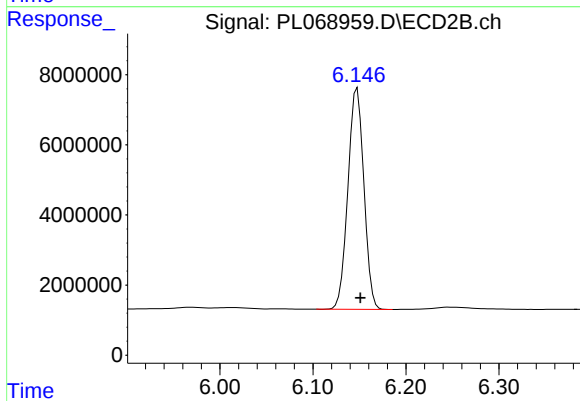
#1 Tetrachloro-m-xylene

R.T.: 5.567 min  
Delta R.T.: -0.004 min  
Response: 23709456  
Conc: 23.35 ng/ml



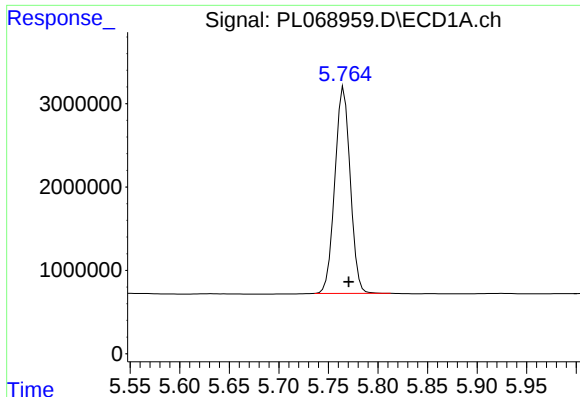
#2 alpha-BHC

R.T.: 5.343 min  
Delta R.T.: -0.004 min  
Response: 28182122  
Conc: 50.95 ng/ml



#2 alpha-BHC

R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 75359710  
Conc: 55.34 ng/ml



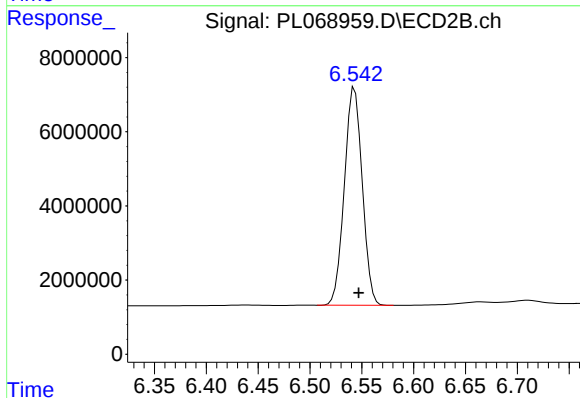
#3 gamma-BHC (Lindane)

R.T.: 5.766 min  
Delta R.T.: -0.005 min  
Response: 26733538  
Conc: 49.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

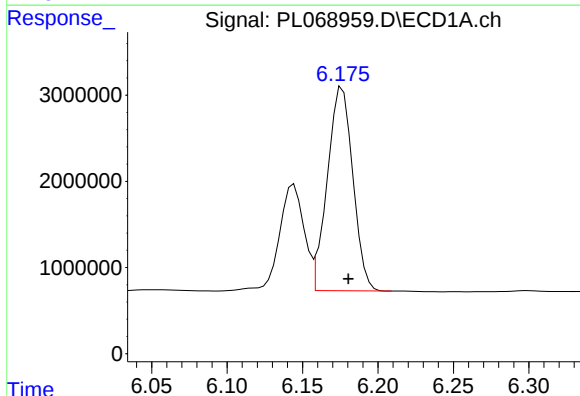
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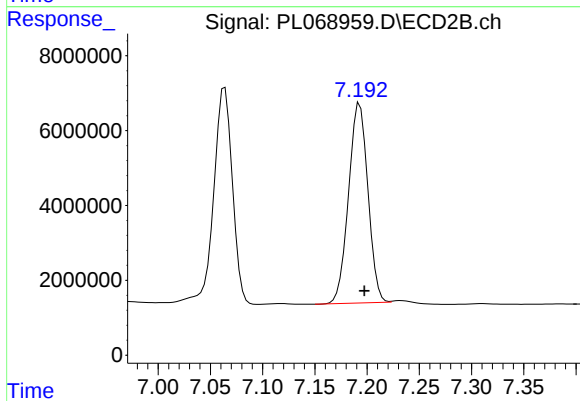
#3 gamma-BHC (Lindane)

R.T.: 6.543 min  
Delta R.T.: -0.004 min  
Response: 70562137  
Conc: 54.23 ng/ml



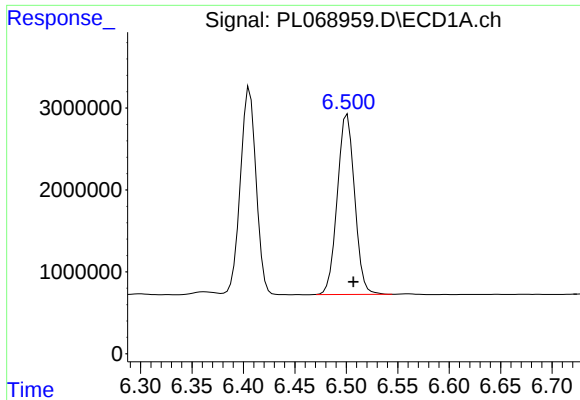
#4 Heptachlor

R.T.: 6.176 min  
Delta R.T.: -0.004 min  
Response: 27783913  
Conc: 47.30 ng/ml



#4 Heptachlor

R.T.: 7.193 min  
Delta R.T.: -0.004 min  
Response: 68877489  
Conc: 51.31 ng/ml



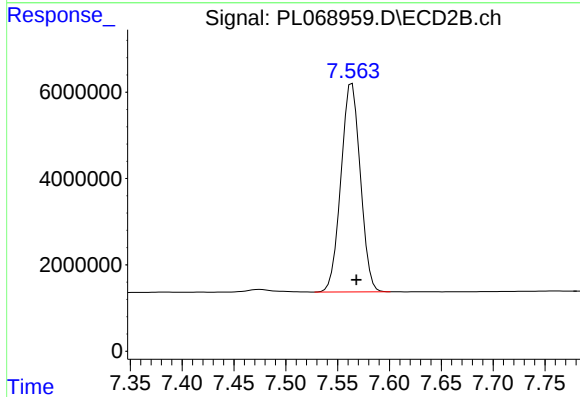
#5 Aldrin

R.T.: 6.501 min  
Delta R.T.: -0.006 min  
Response: 25777544  
Conc: 48.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

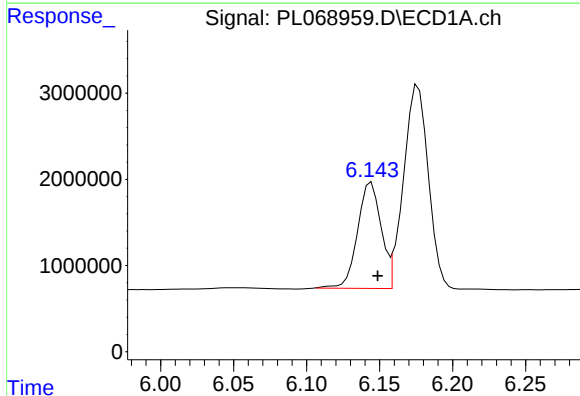
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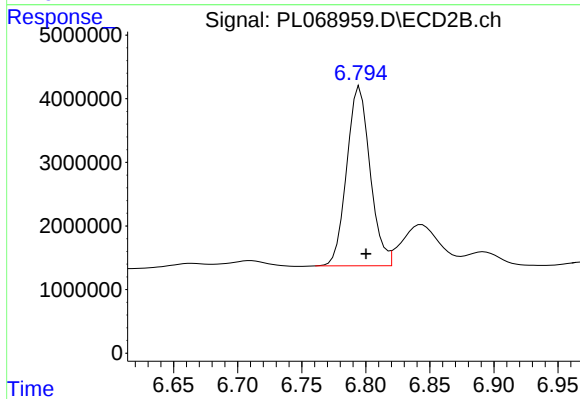
#5 Aldrin

R.T.: 7.564 min  
Delta R.T.: -0.004 min  
Response: 62788338  
Conc: 52.02 ng/ml



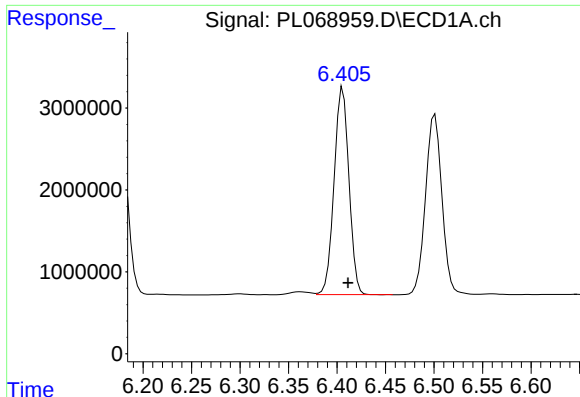
#6 beta-BHC

R.T.: 6.144 min  
Delta R.T.: -0.004 min  
Response: 13792204  
Conc: 48.93 ng/ml



#6 beta-BHC

R.T.: 6.795 min  
Delta R.T.: -0.005 min  
Response: 35815278  
Conc: 55.28 ng/ml



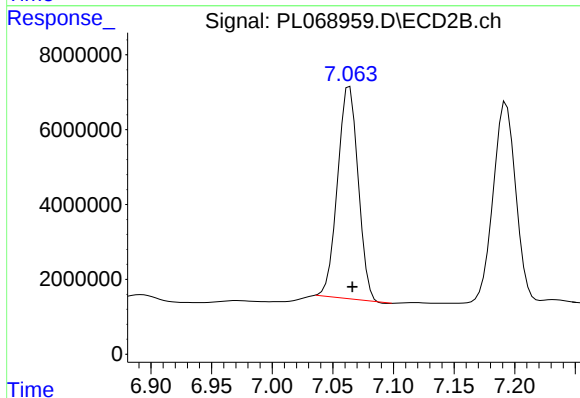
#7 delta-BHC

R.T.: 6.406 min  
Delta R.T.: -0.005 min  
Response: 26923071  
Conc: 50.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

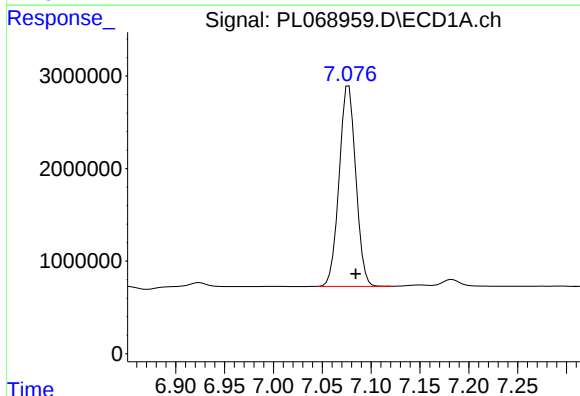
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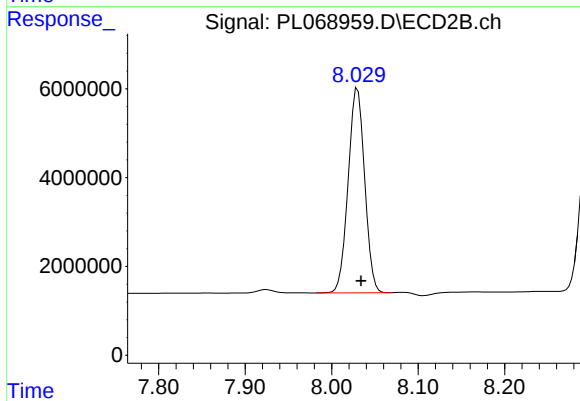
#7 delta-BHC

R.T.: 7.064 min  
Delta R.T.: -0.002 min  
Response: 66627791  
Conc: 52.89 ng/ml



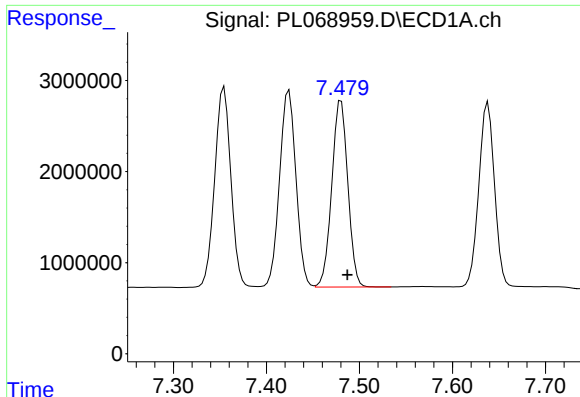
#8 Heptachlor epoxide

R.T.: 7.077 min  
Delta R.T.: -0.007 min  
Response: 25742839  
Conc: 48.30 ng/ml



#8 Heptachlor epoxide

R.T.: 8.030 min  
Delta R.T.: -0.004 min  
Response: 60901536  
Conc: 52.68 ng/ml



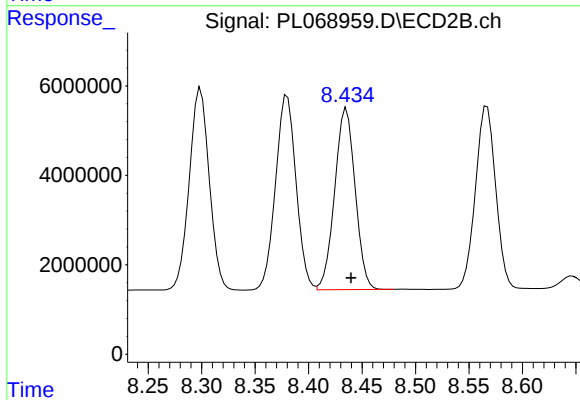
#9 Endosulfan I

R.T.: 7.480 min  
Delta R.T.: -0.007 min  
Response: 24618203  
Conc: 48.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

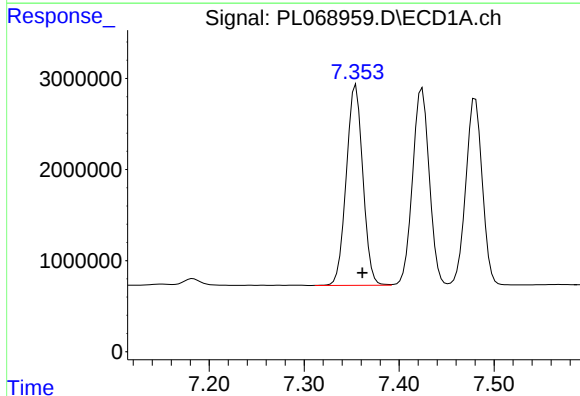
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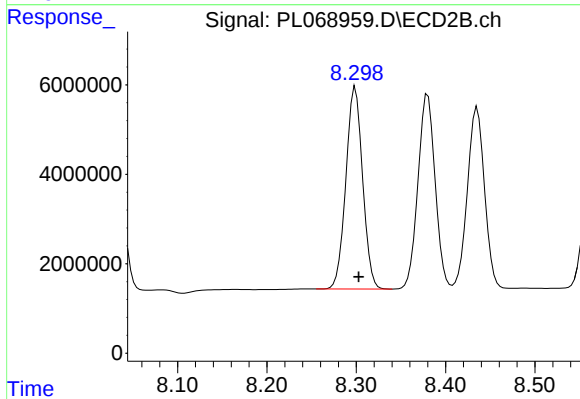
#9 Endosulfan I

R.T.: 8.435 min  
Delta R.T.: -0.004 min  
Response: 53989066  
Conc: 51.19 ng/ml



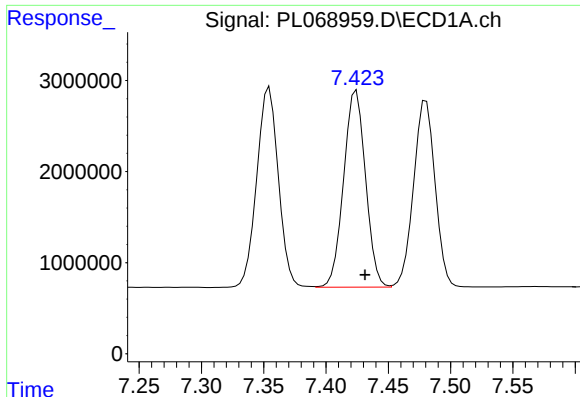
#10 gamma-Chlordane

R.T.: 7.355 min  
Delta R.T.: -0.007 min  
Response: 26678478  
Conc: 48.68 ng/ml



#10 gamma-Chlordane

R.T.: 8.299 min  
Delta R.T.: -0.004 min  
Response: 58803407  
Conc: 51.35 ng/ml



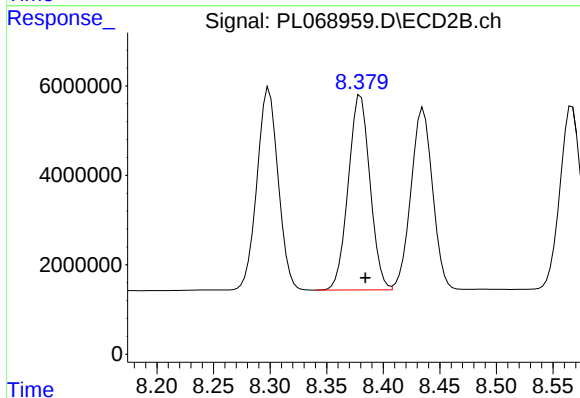
#11 alpha-Chlordane

R.T.: 7.424 min  
Delta R.T.: -0.007 min  
Response: 26531153  
Conc: 48.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

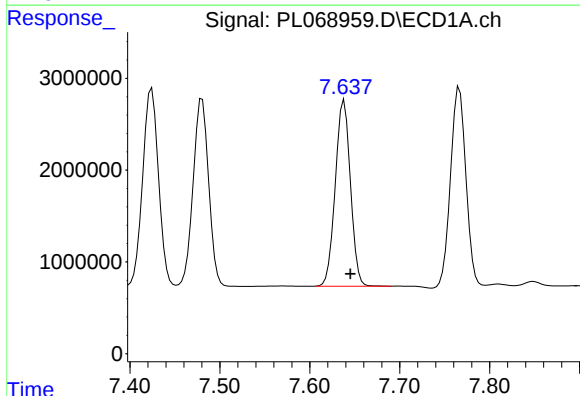
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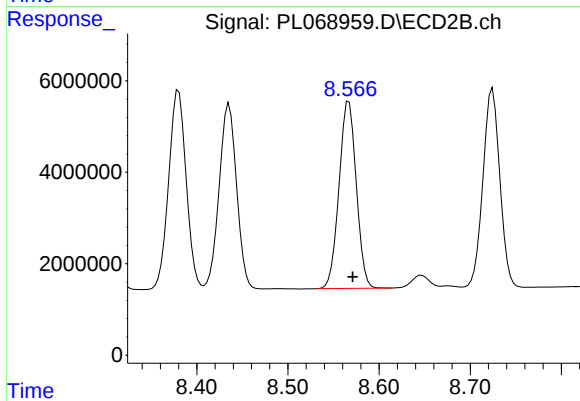
#11 alpha-Chlordane

R.T.: 8.380 min  
Delta R.T.: -0.004 min  
Response: 58241250  
Conc: 50.71 ng/ml



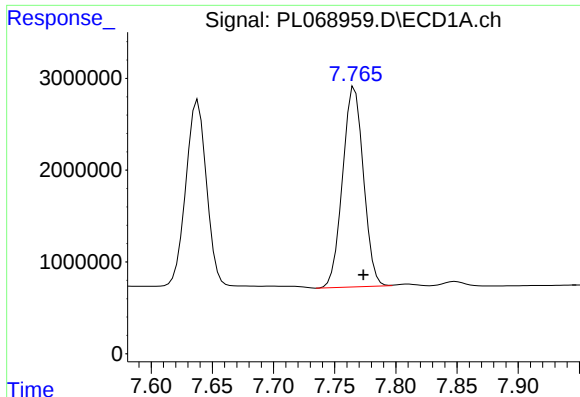
#12 4,4'-DDE

R.T.: 7.638 min  
Delta R.T.: -0.007 min  
Response: 23742759  
Conc: 49.15 ng/ml



#12 4,4'-DDE

R.T.: 8.567 min  
Delta R.T.: -0.004 min  
Response: 53846946  
Conc: 50.94 ng/ml



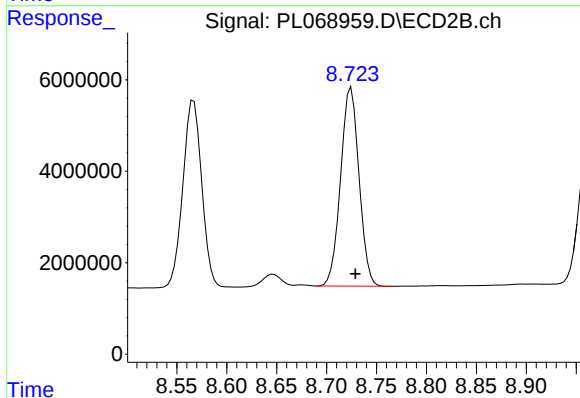
#13 Dieldrin

R.T.: 7.766 min  
Delta R.T.: -0.007 min  
Response: 25815167  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

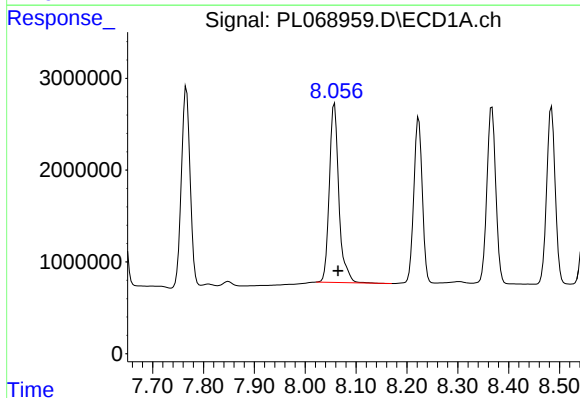
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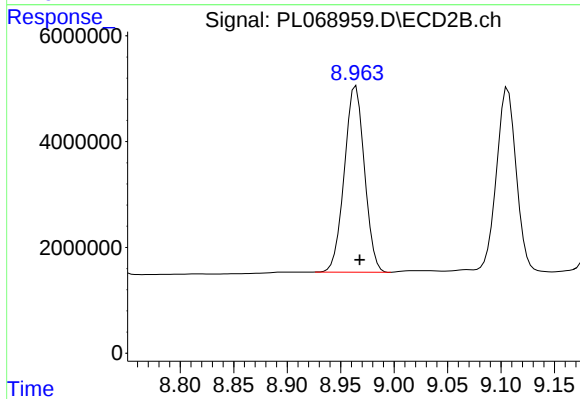
#13 Dieldrin

R.T.: 8.725 min  
Delta R.T.: -0.004 min  
Response: 55773586  
Conc: 51.47 ng/ml



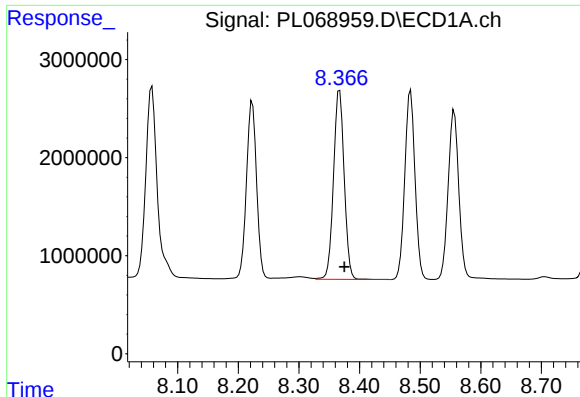
#14 Endrin

R.T.: 8.058 min  
Delta R.T.: -0.007 min  
Response: 25457444  
Conc: 52.82 ng/ml



#14 Endrin

R.T.: 8.964 min  
Delta R.T.: -0.004 min  
Response: 46084654  
Conc: 50.77 ng/ml



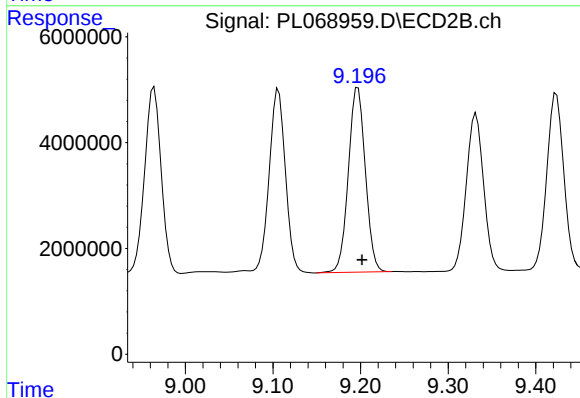
#15 Endosulfan II

R.T.: 8.367 min  
Delta R.T.: -0.008 min  
Response: 23574834  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

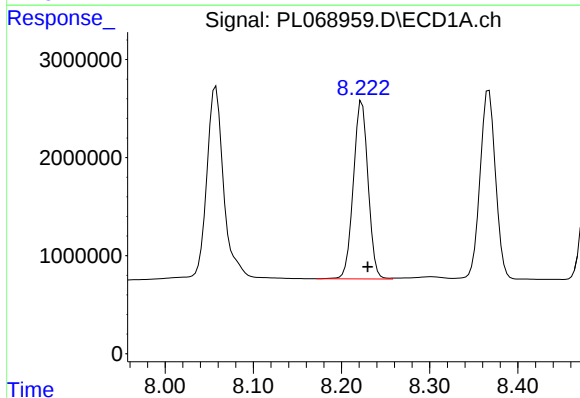
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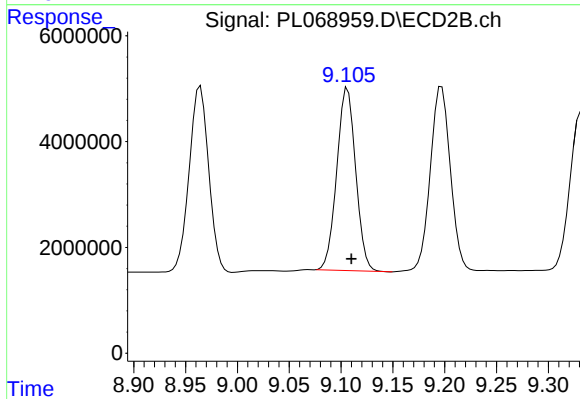
#15 Endosulfan II

R.T.: 9.197 min  
Delta R.T.: -0.005 min  
Response: 47052700  
Conc: 51.30 ng/ml



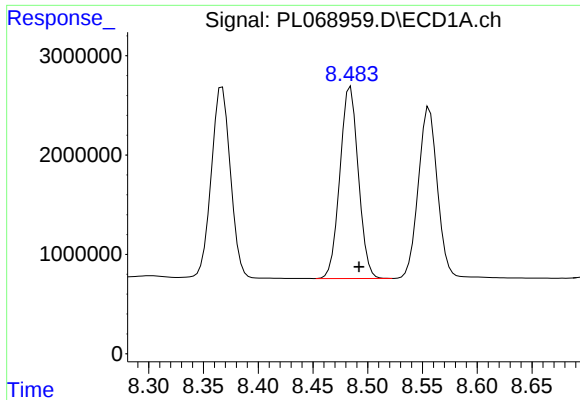
#16 4,4'-DDD

R.T.: 8.223 min  
Delta R.T.: -0.007 min  
Response: 21092347  
Conc: 49.14 ng/ml



#16 4,4'-DDD

R.T.: 9.106 min  
Delta R.T.: -0.004 min  
Response: 43901457  
Conc: 51.38 ng/ml



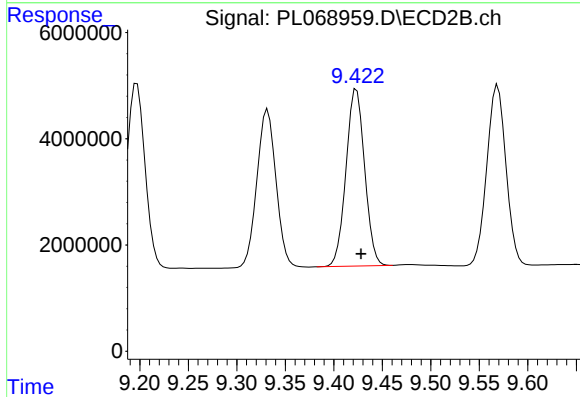
#17 4,4'-DDT

R.T.: 8.484 min  
Delta R.T.: -0.008 min  
Response: 22578921  
Conc: 46.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

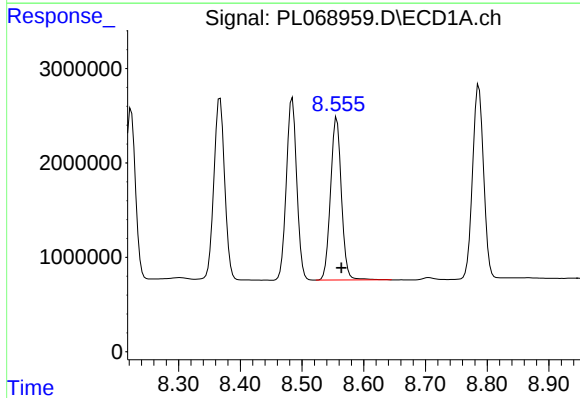
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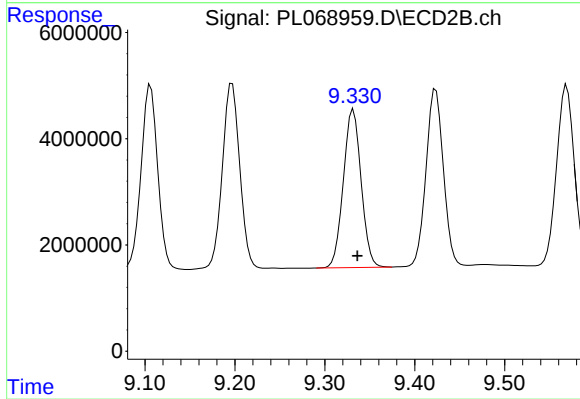
#17 4,4'-DDT

R.T.: 9.423 min  
Delta R.T.: -0.005 min  
Response: 44512868  
Conc: 47.03 ng/ml



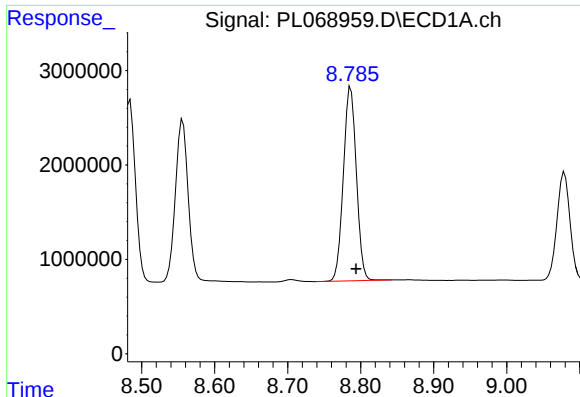
#18 Endrin aldehyde

R.T.: 8.556 min  
Delta R.T.: -0.008 min  
Response: 21119177  
Conc: 56.32 ng/ml



#18 Endrin aldehyde

R.T.: 9.332 min  
Delta R.T.: -0.004 min  
Response: 40837883  
Conc: 58.28 ng/ml



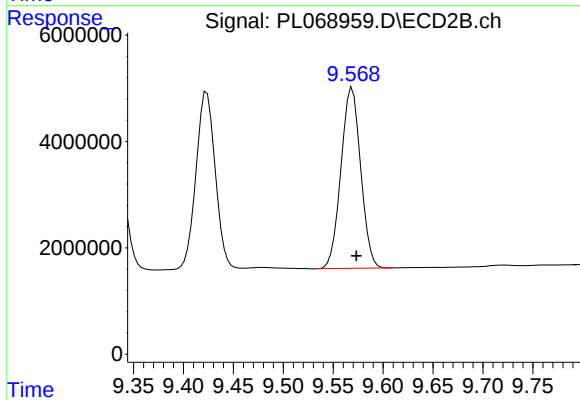
#19 Endosulfan Sulfate

R.T.: 8.786 min  
Delta R.T.: -0.007 min  
Response: 25362667  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

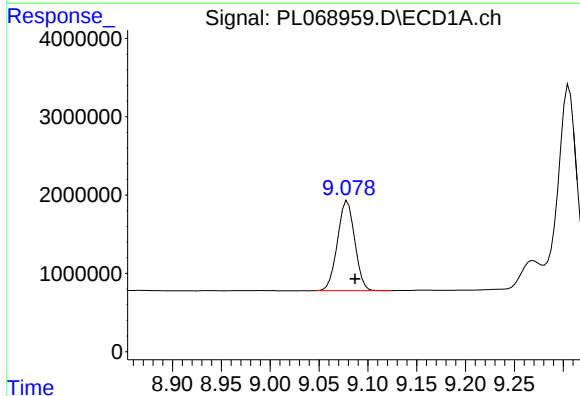
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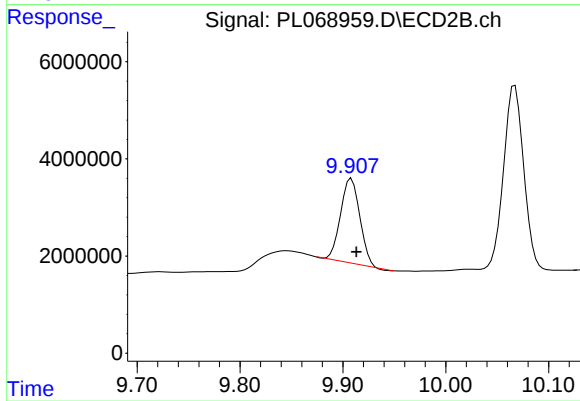
#19 Endosulfan Sulfate

R.T.: 9.569 min  
Delta R.T.: -0.004 min  
Response: 46671997  
Conc: 51.20 ng/ml



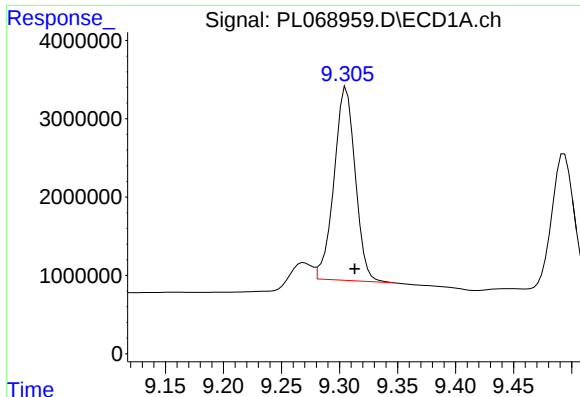
#20 Methoxychlor

R.T.: 9.079 min  
Delta R.T.: -0.008 min  
Response: 14146540  
Conc: 45.19 ng/ml



#20 Methoxychlor

R.T.: 9.908 min  
Delta R.T.: -0.005 min  
Response: 22172362  
Conc: 42.61 ng/ml



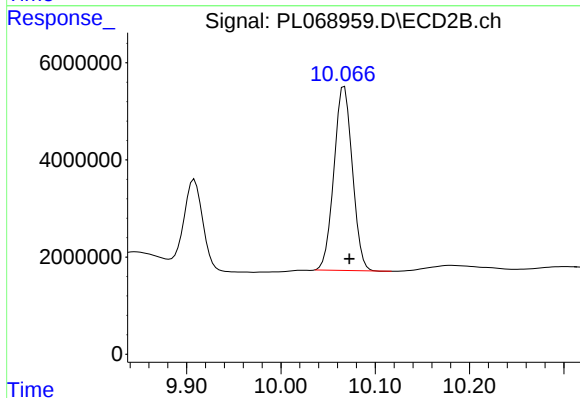
#21 Endrin ketone

R.T.: 9.305 min  
Delta R.T.: -0.009 min  
Response: 31181711  
Conc: 53.30 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

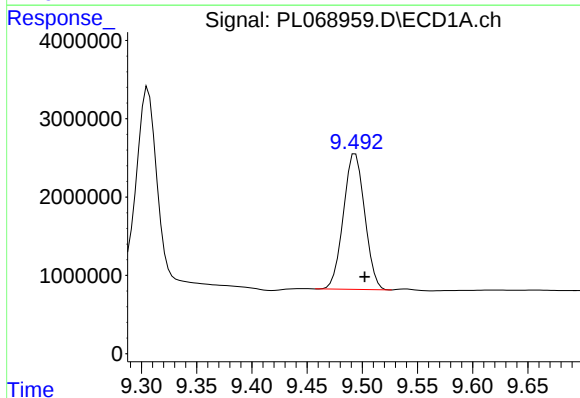
Manual Integrations  
APPROVED

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8/16/2021 9:35:27 AM



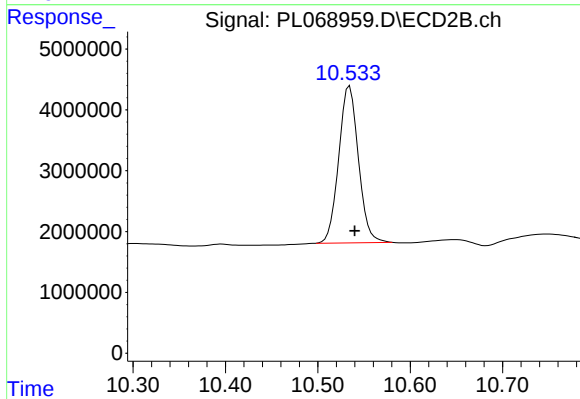
#21 Endrin ketone

R.T.: 10.067 min  
Delta R.T.: -0.005 min  
Response: 51398458  
Conc: 50.48 ng/ml



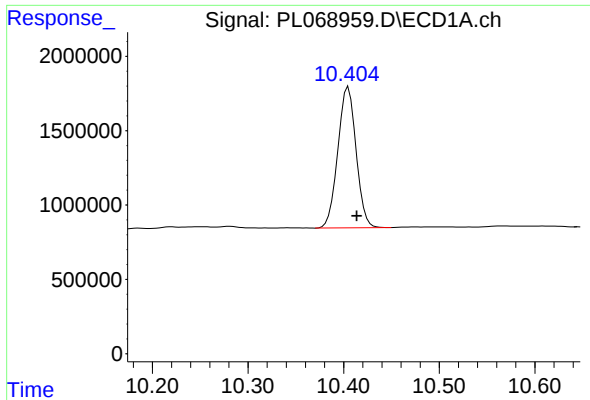
#22 Mirex

R.T.: 9.494 min  
Delta R.T.: -0.008 min  
Response: 23282879  
Conc: 46.47 ng/ml



#22 Mirex

R.T.: 10.534 min  
Delta R.T.: -0.006 min  
Response: 38241117  
Conc: 48.35 ng/ml



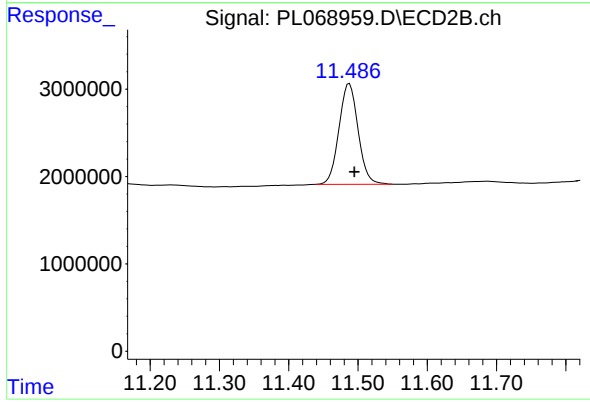
#28 Decachlorobiphenyl

R.T.: 10.405 min  
Delta R.T.: -0.009 min  
Response: 12597702  
Conc: 21.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB138382BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.488 min  
Delta R.T.: -0.007 min  
Response: 22097892  
Conc: 22.78 ng/ml