

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012522\  
 Data File : PL072246.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jan 2022 19:04  
 Operator : AR\AJ  
 Sample : PB142255BS  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB142255BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 01/26/2022  
 Supervised By : Ankita Jodhani 01/26/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 26 00:41:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 18 10:53:59 2022  
 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... | 4.555  | 5.492  | 11483968 | 34124374 | 20.685 | 21.011  |
| 28)                         | SA Decachlor... | 10.317 | 11.385 | 19686702 | 35919564 | 22.159 | 22.262  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 5.262  | 6.073  | 39174922 | 119.5E6  | 50.665 | 49.534  |
| 3)                          | MA gamma-BHC... | 5.685  | 6.468  | 38688853 | 113.6E6  | 51.310 | 50.476m |
| 4)                          | MA Heptachlor   | 6.091  | 7.115  | 44878821 | 116.6E6  | 52.022 | 50.278  |
| 5)                          | MB Aldrin       | 6.415  | 7.485  | 39484163 | 106.0E6  | 50.003 | 47.933  |
| 6)                          | B beta-BHC      | 6.070  | 6.729  | 17120152 | 50124254 | 51.791 | 50.625  |
| 7)                          | B delta-BHC     | 6.328  | 6.994  | 40026096 | 114.1E6  | 50.529 | 46.358  |
| 8)                          | B Heptachlo...  | 6.992  | 7.953  | 39238577 | 98769551 | 51.546 | 49.328  |
| 9)                          | A Endosulfan I  | 7.395  | 8.358  | 37162518 | 90848870 | 52.289 | 50.191  |
| 10)                         | B gamma-Chl...  | 7.270  | 8.223  | 39961251 | 98782817 | 50.859 | 48.883  |
| 11)                         | B alpha-Chl...  | 7.339  | 8.303  | 40045927 | 97141091 | 51.047 | 48.992  |
| 12)                         | B 4,4'-DDE      | 7.554  | 8.493  | 38106787 | 94628122 | 52.781 | 50.035  |
| 13)                         | MA Dieldrin     | 7.681  | 8.647  | 38481653 | 93779648 | 50.793 | 47.735  |
| 14)                         | MA Endrin       | 7.972  | 8.886  | 35653192 | 80944553 | 50.885 | 48.820  |
| 15)                         | B Endosulfa...  | 8.285  | 9.122  | 34399021 | 78702475 | 46.265 | 45.893  |
| 16)                         | A 4,4'-DDD      | 8.140  | 9.034  | 31615802 | 74268094 | 53.931 | 51.944  |
| 17)                         | MA 4,4'-DDT     | 8.401  | 9.350  | 34405205 | 80579354 | 51.810 | 50.982  |
| 18)                         | B Endrin al...  | 8.473  | 9.257  | 28660476 | 63820454 | 50.304 | 51.411  |
| 19)                         | B Endosulfa...  | 8.704  | 9.495  | 36594971 | 77227413 | 49.912 | 49.468  |
| 20)                         | A Methoxychlor  | 8.997  | 9.839  | 21221116 | 40918252 | 50.299 | 49.397  |
| 21)                         | B Endrin ke...  | 9.222  | 9.991  | 42802470 | 84071281 | 51.402 | 50.798  |
| 22)                         | Mirex           | 9.404  | 10.454 | 36918446 | 62854483 | 49.992 | 50.373  |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012522\  
Data File : PL072246.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jan 2022 19:04  
Operator : AR\AJ  
Sample : PB142255BS  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

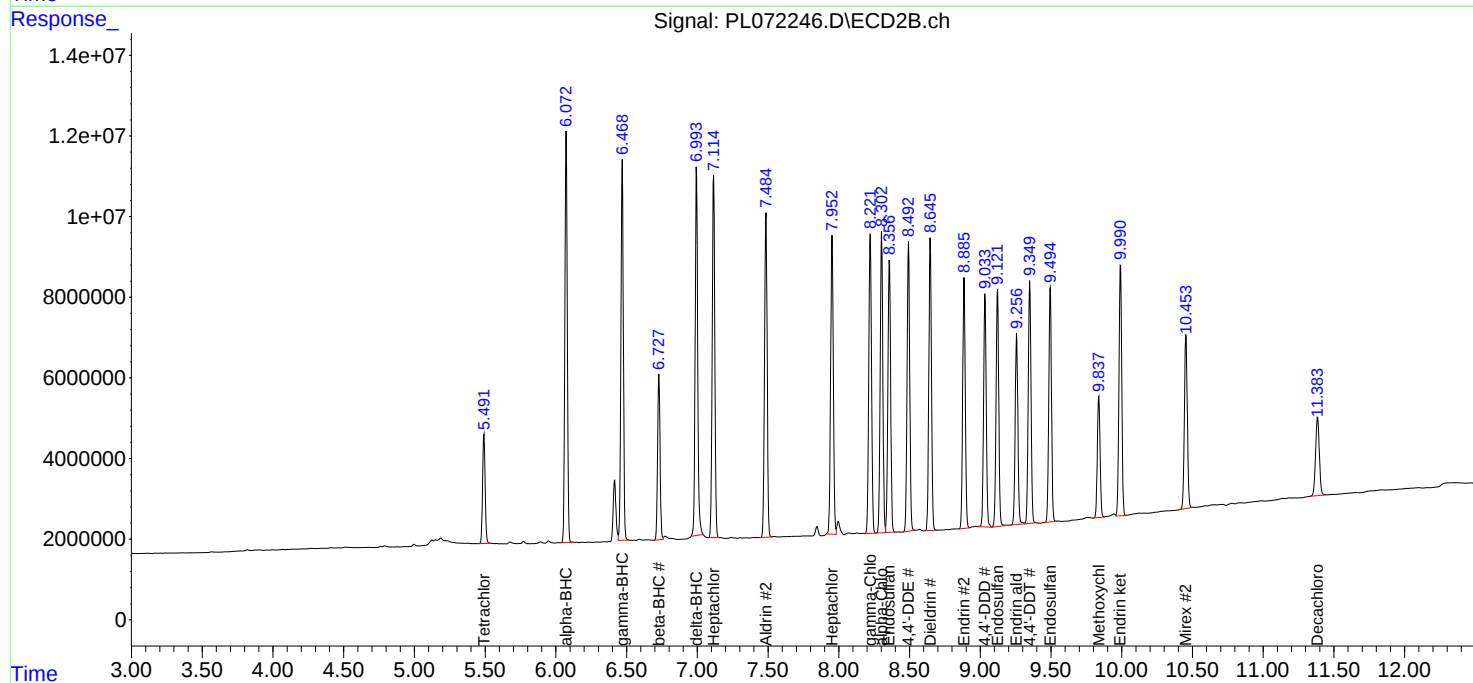
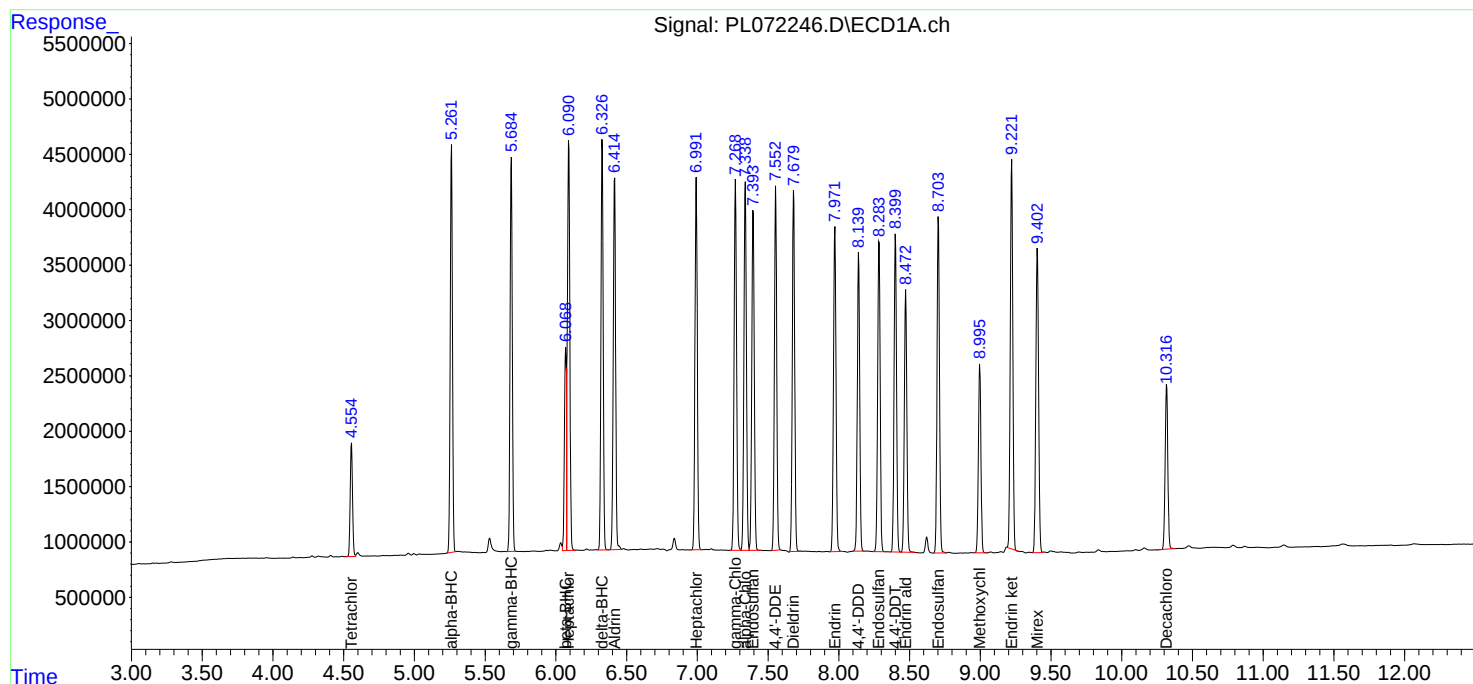
Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

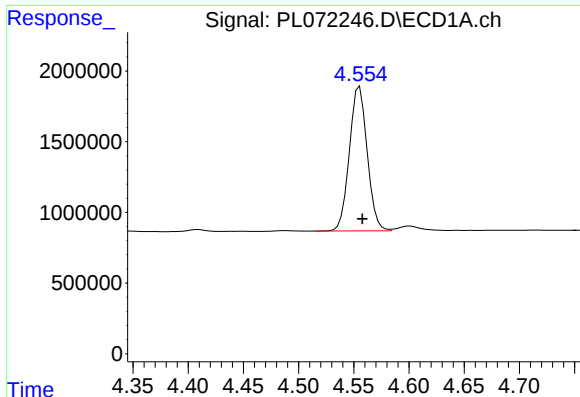
Manual Integrations  
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Reviewed By :Abdul Mirza 01/26/2022  
Supervised By :Ankita Jodhani 01/26/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 26 00:41:22 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 18 10:53:59 2022  
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





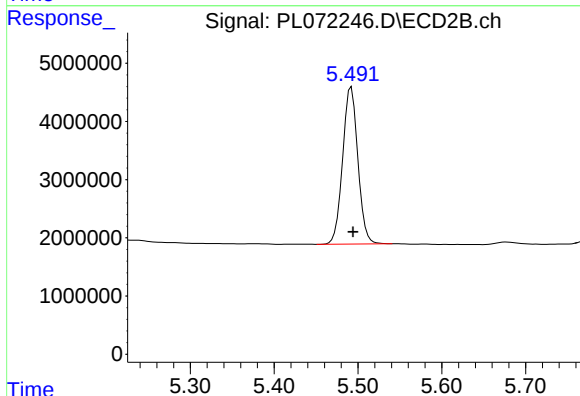
#1 Tetrachloro-m-xylene

R.T.: 4.555 min  
Delta R.T.: -0.003 min  
Response: 11483968  
Conc: 20.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

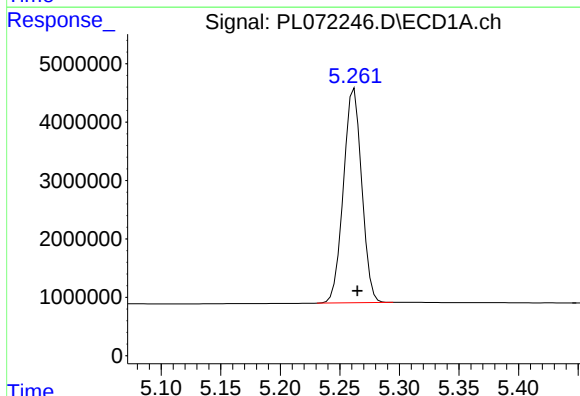
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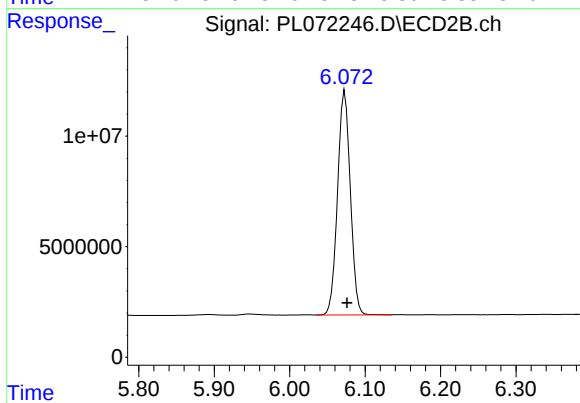
#1 Tetrachloro-m-xylene

R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 34124374  
Conc: 21.01 ng/ml



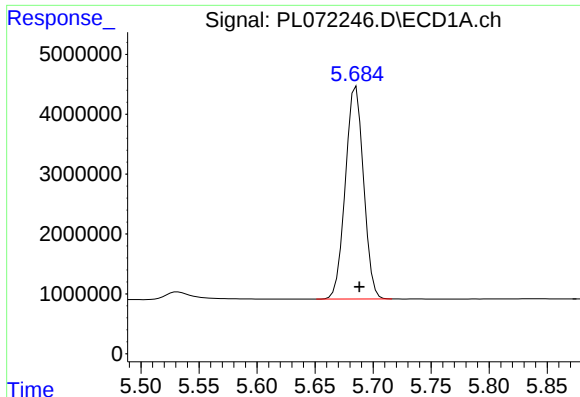
#2 alpha-BHC

R.T.: 5.262 min  
Delta R.T.: -0.002 min  
Response: 39174922  
Conc: 50.66 ng/ml



#2 alpha-BHC

R.T.: 6.073 min  
Delta R.T.: -0.003 min  
Response: 119517746  
Conc: 49.53 ng/ml



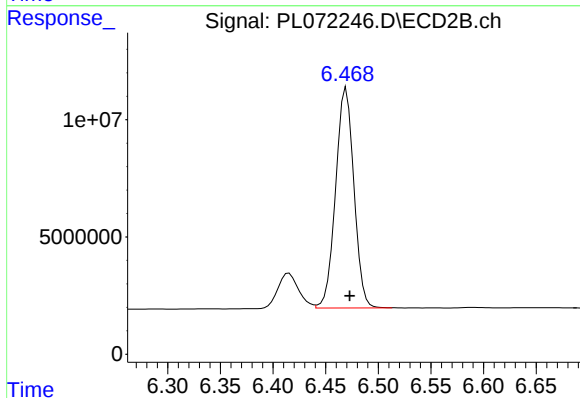
#3 gamma-BHC (Lindane)

R.T.: 5.685 min  
Delta R.T.: -0.003 min  
Response: 38688853  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

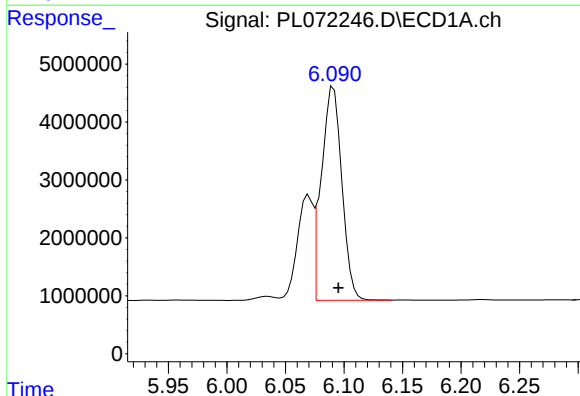
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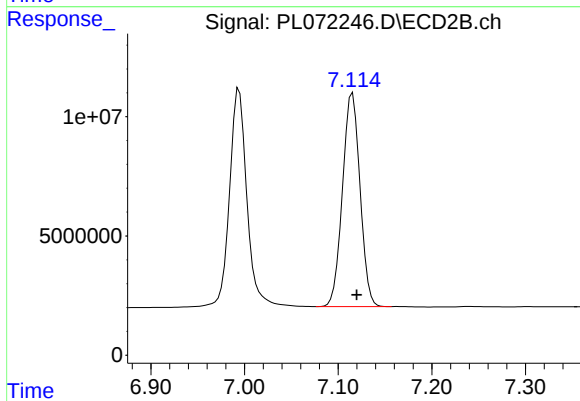
#3 gamma-BHC (Lindane)

R.T.: 6.468 min  
Delta R.T.: -0.005 min  
Response: 113586805  
Conc: 50.48 ng/ml m



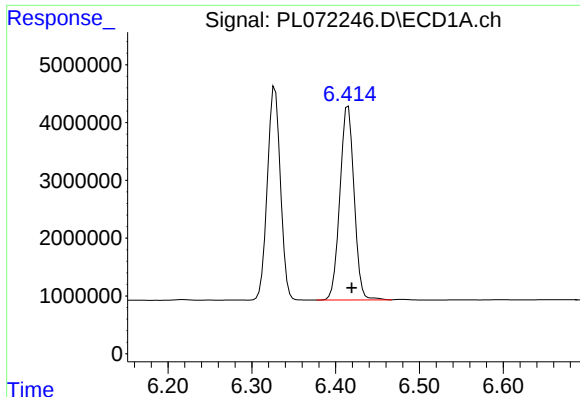
#4 Heptachlor

R.T.: 6.091 min  
Delta R.T.: -0.004 min  
Response: 44878821  
Conc: 52.02 ng/ml



#4 Heptachlor

R.T.: 7.115 min  
Delta R.T.: -0.004 min  
Response: 116567353  
Conc: 50.28 ng/ml



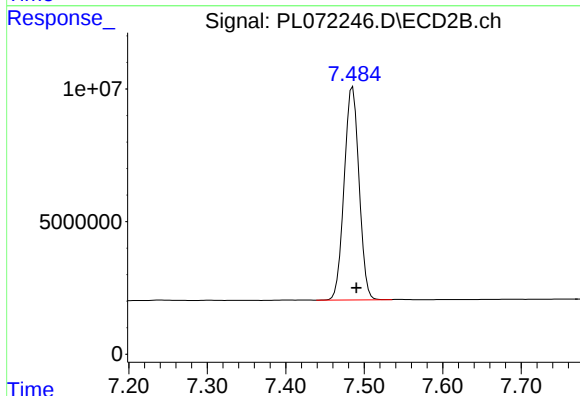
#5 Aldrin

R.T.: 6.415 min  
Delta R.T.: -0.004 min  
Response: 39484163  
Conc: 50.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

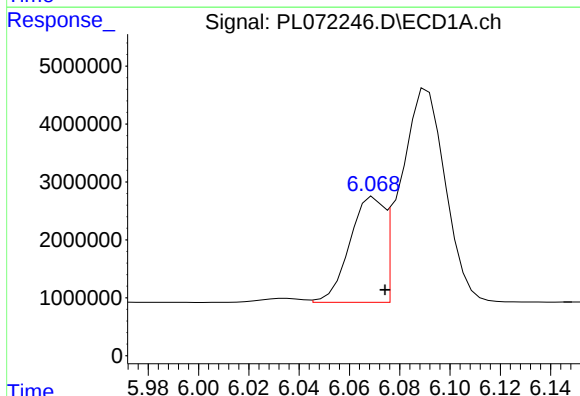
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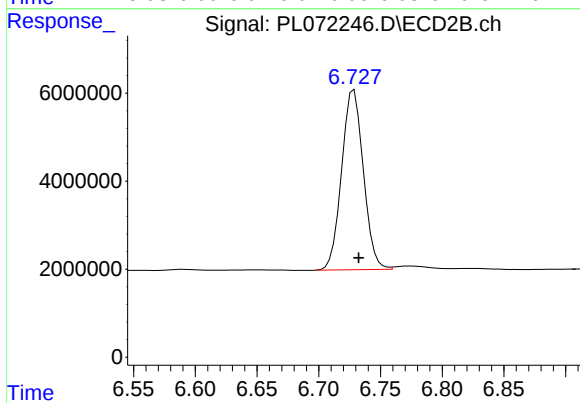
#5 Aldrin

R.T.: 7.485 min  
Delta R.T.: -0.005 min  
Response: 105990095  
Conc: 47.93 ng/ml



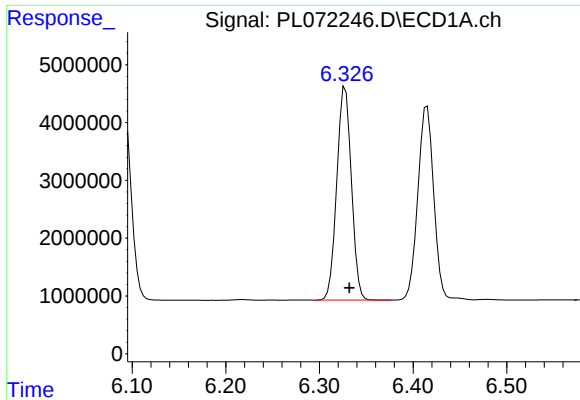
#6 beta-BHC

R.T.: 6.070 min  
Delta R.T.: -0.004 min  
Response: 17120152  
Conc: 51.79 ng/ml



#6 beta-BHC

R.T.: 6.729 min  
Delta R.T.: -0.004 min  
Response: 50124254  
Conc: 50.62 ng/ml



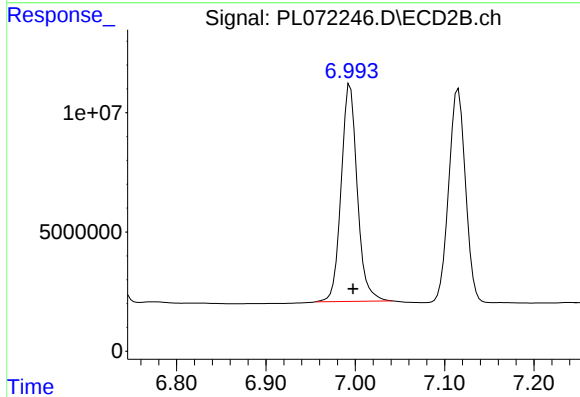
#7 delta-BHC

R.T.: 6.328 min  
Delta R.T.: -0.004 min  
Response: 40026096  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

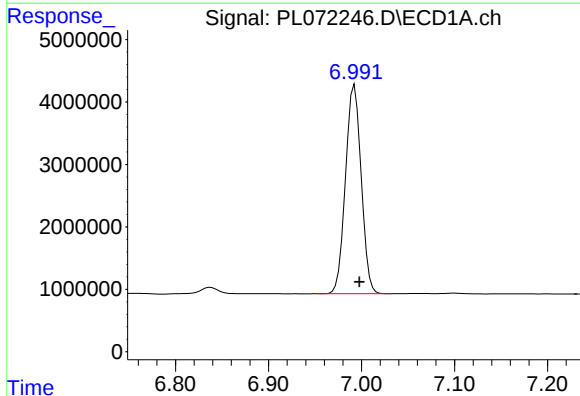
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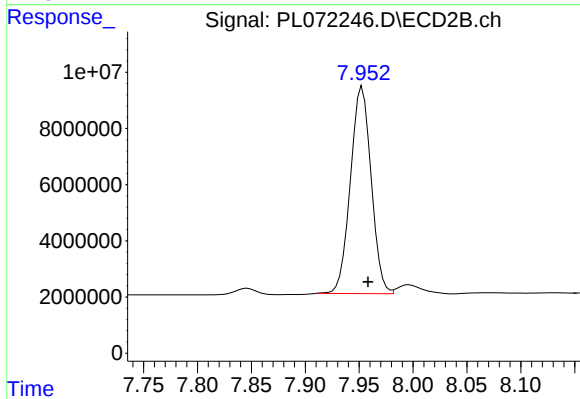
#7 delta-BHC

R.T.: 6.994 min  
Delta R.T.: -0.003 min  
Response: 114054700  
Conc: 46.36 ng/ml



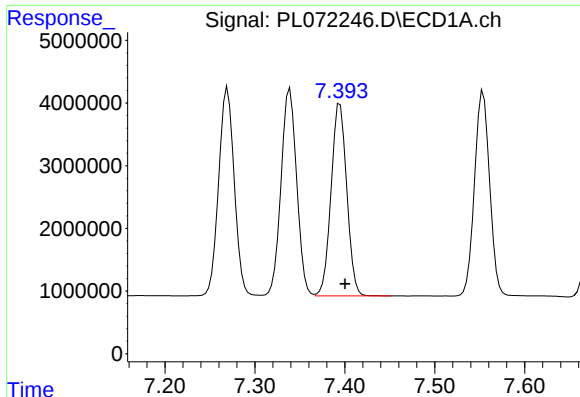
#8 Heptachlor epoxide

R.T.: 6.992 min  
Delta R.T.: -0.005 min  
Response: 39238577  
Conc: 51.55 ng/ml



#8 Heptachlor epoxide

R.T.: 7.953 min  
Delta R.T.: -0.005 min  
Response: 98769551  
Conc: 49.33 ng/ml



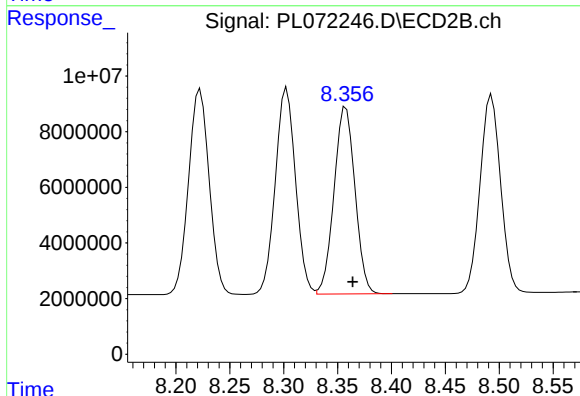
#9 Endosulfan I

R.T.: 7.395 min  
Delta R.T.: -0.005 min  
Response: 37162518  
Conc: 52.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

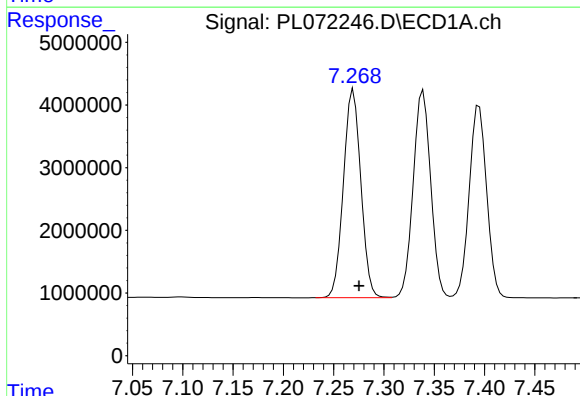
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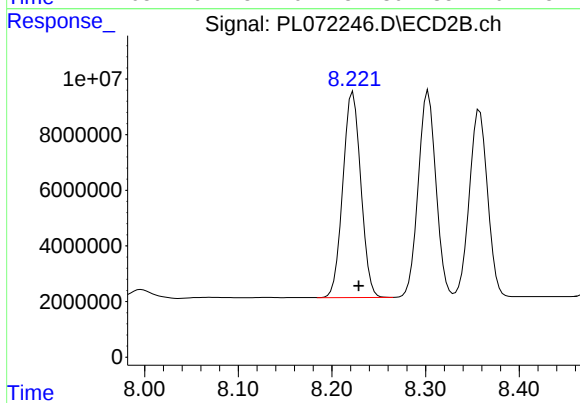
#9 Endosulfan I

R.T.: 8.358 min  
Delta R.T.: -0.006 min  
Response: 90848870  
Conc: 50.19 ng/ml



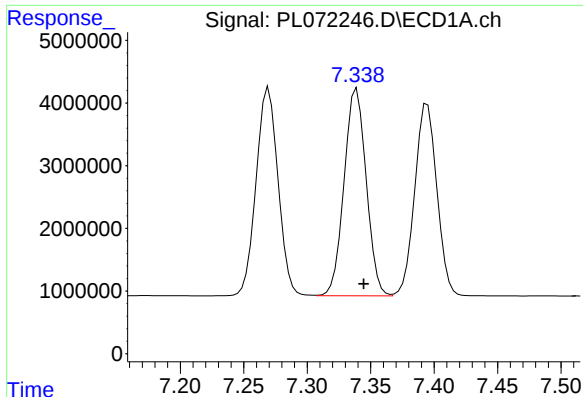
#10 gamma-Chlordane

R.T.: 7.270 min  
Delta R.T.: -0.006 min  
Response: 39961251  
Conc: 50.86 ng/ml



#10 gamma-Chlordane

R.T.: 8.223 min  
Delta R.T.: -0.006 min  
Response: 98782817  
Conc: 48.88 ng/ml



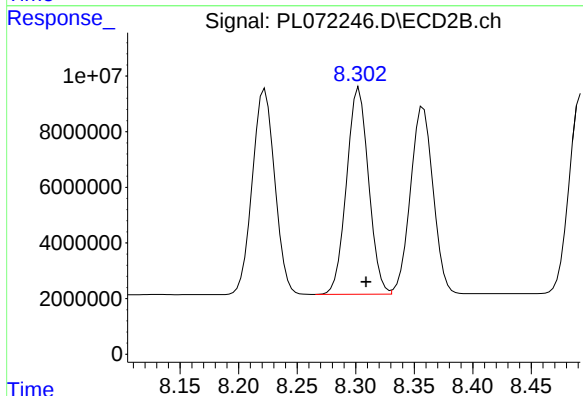
#11 alpha-Chlordane

R.T.: 7.339 min  
Delta R.T.: -0.005 min  
Response: 40045927  
Conc: 51.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

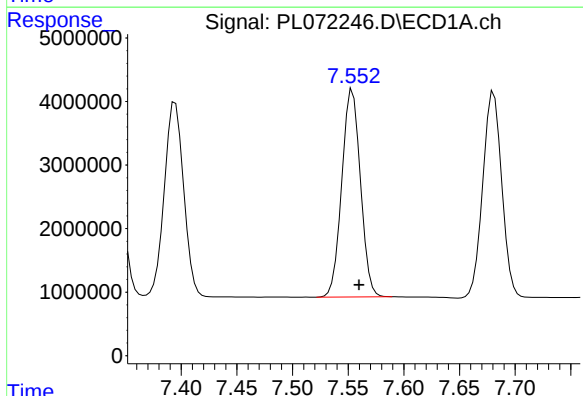
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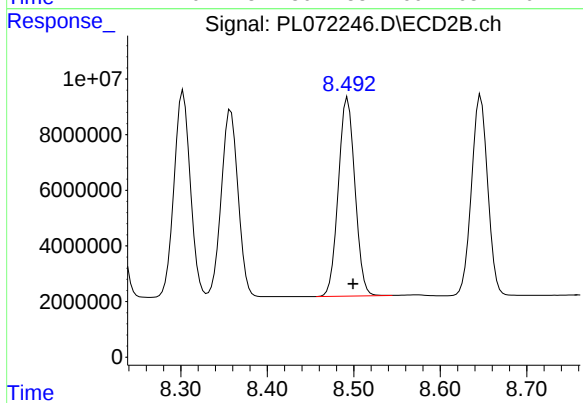
#11 alpha-Chlordane

R.T.: 8.303 min  
Delta R.T.: -0.006 min  
Response: 97141091  
Conc: 48.99 ng/ml



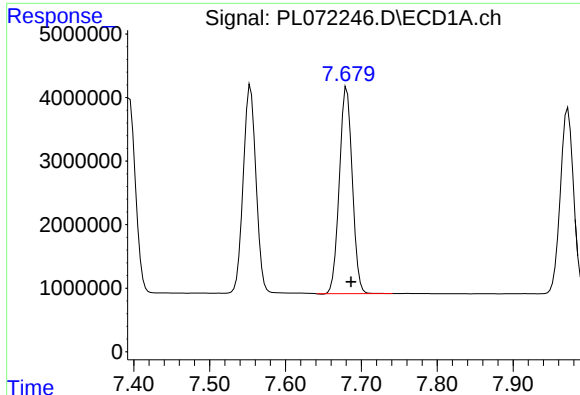
#12 4,4'-DDE

R.T.: 7.554 min  
Delta R.T.: -0.006 min  
Response: 38106787  
Conc: 52.78 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min  
Delta R.T.: -0.006 min  
Response: 94628122  
Conc: 50.03 ng/ml



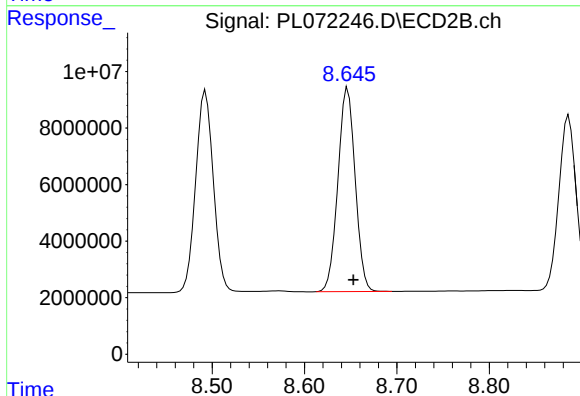
#13 Dieldrin

R.T.: 7.681 min  
Delta R.T.: -0.006 min  
Response: 38481653  
Conc: 50.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

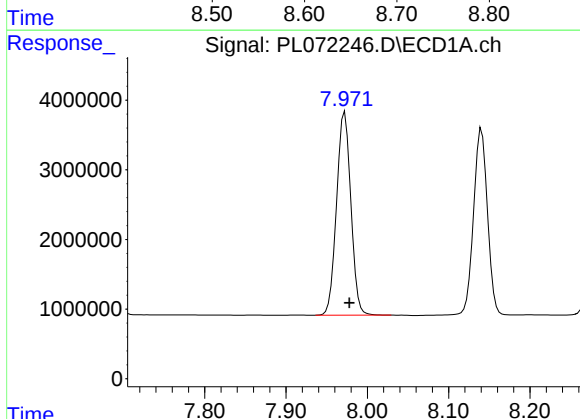
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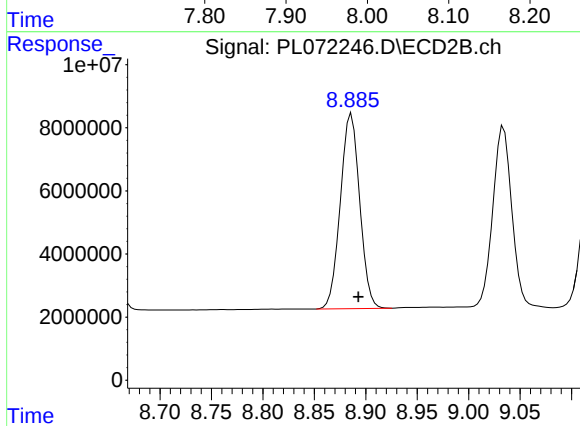
#13 Dieldrin

R.T.: 8.647 min  
Delta R.T.: -0.006 min  
Response: 93779648  
Conc: 47.73 ng/ml



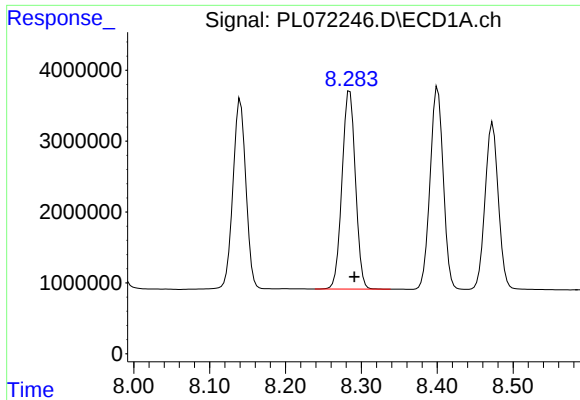
#14 Endrin

R.T.: 7.972 min  
Delta R.T.: -0.006 min  
Response: 35653192  
Conc: 50.88 ng/ml



#14 Endrin

R.T.: 8.886 min  
Delta R.T.: -0.007 min  
Response: 80944553  
Conc: 48.82 ng/ml



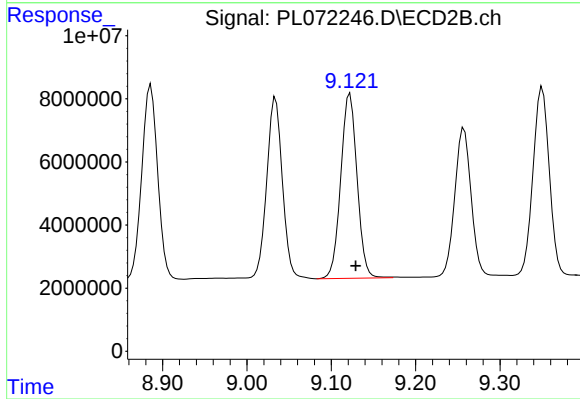
#15 Endosulfan II

R.T.: 8.285 min  
Delta R.T.: -0.006 min  
Response: 34399021  
Conc: 46.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

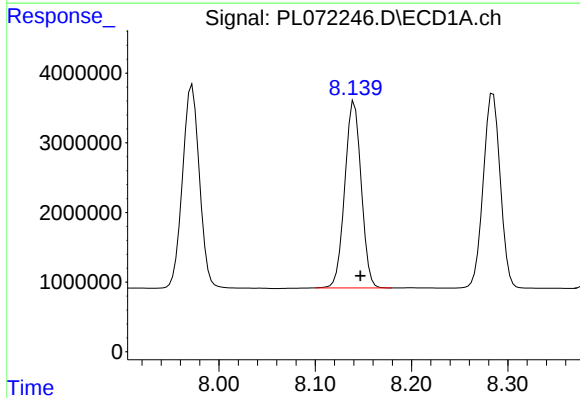
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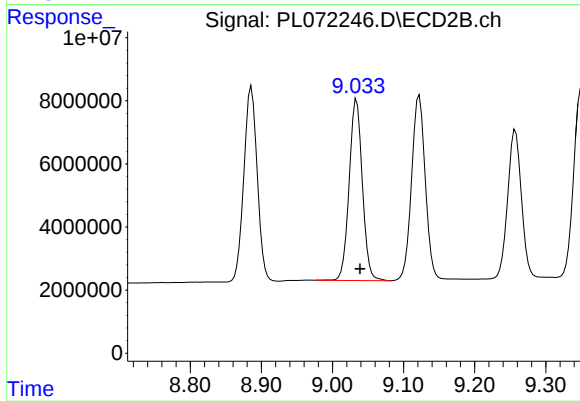
#15 Endosulfan II

R.T.: 9.122 min  
Delta R.T.: -0.007 min  
Response: 78702475  
Conc: 45.89 ng/ml



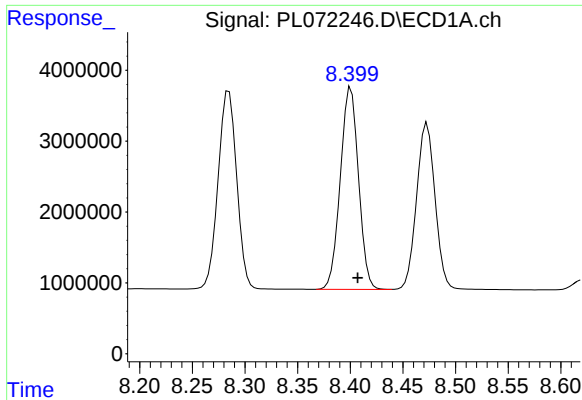
#16 4,4'-DDD

R.T.: 8.140 min  
Delta R.T.: -0.006 min  
Response: 31615802  
Conc: 53.93 ng/ml



#16 4,4'-DDD

R.T.: 9.034 min  
Delta R.T.: -0.005 min  
Response: 74268094  
Conc: 51.94 ng/ml



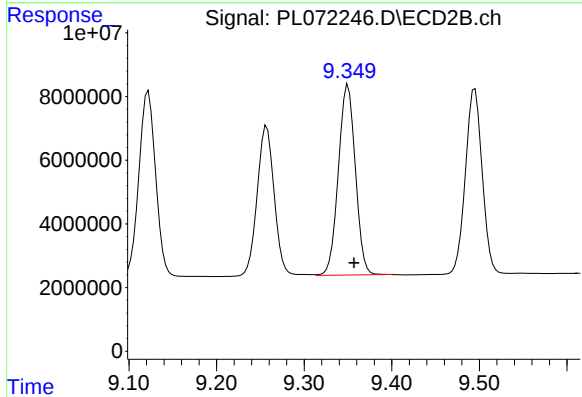
#17 4,4'-DDT

R.T.: 8.401 min  
Delta R.T.: -0.007 min  
Response: 34405205  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

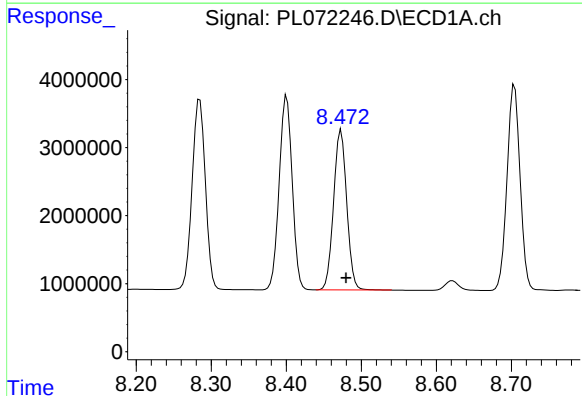
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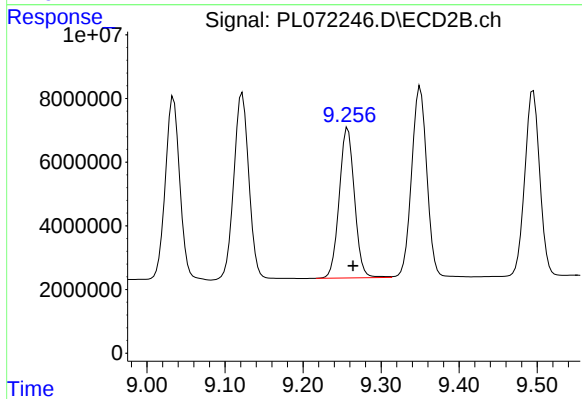
#17 4,4'-DDT

R.T.: 9.350 min  
Delta R.T.: -0.007 min  
Response: 80579354  
Conc: 50.98 ng/ml



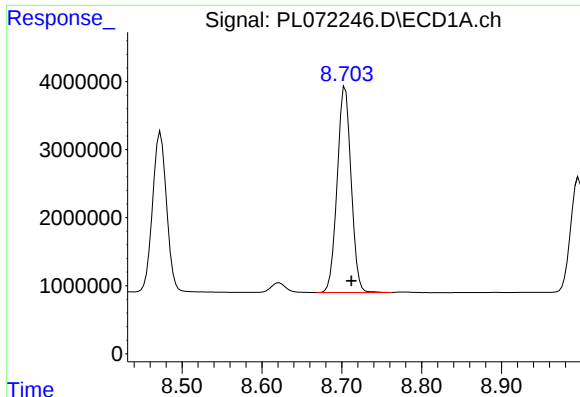
#18 Endrin aldehyde

R.T.: 8.473 min  
Delta R.T.: -0.007 min  
Response: 28660476  
Conc: 50.30 ng/ml



#18 Endrin aldehyde

R.T.: 9.257 min  
Delta R.T.: -0.007 min  
Response: 63820454  
Conc: 51.41 ng/ml



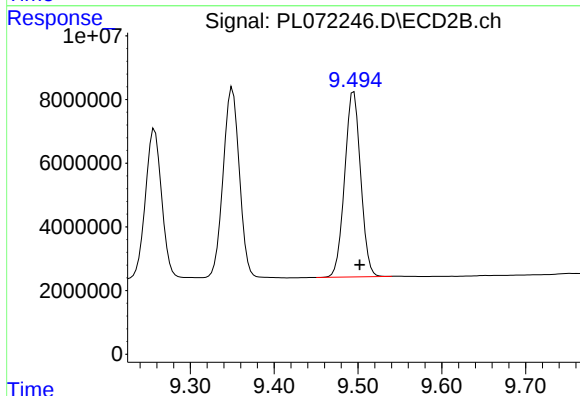
#19 Endosulfan Sulfate

R.T.: 8.704 min  
Delta R.T.: -0.008 min  
Response: 36594971  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

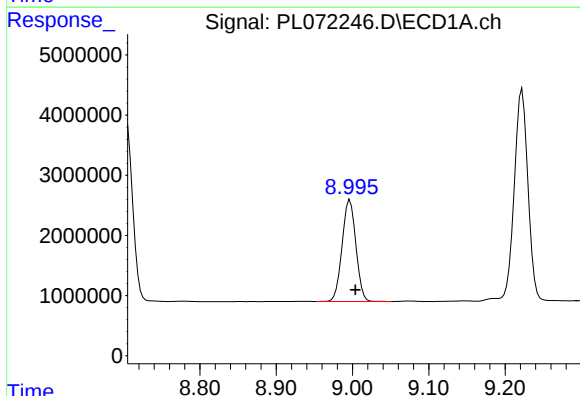
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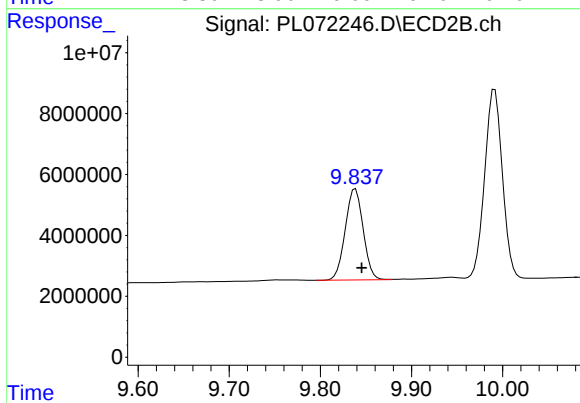
#19 Endosulfan Sulfate

R.T.: 9.495 min  
Delta R.T.: -0.007 min  
Response: 77227413  
Conc: 49.47 ng/ml



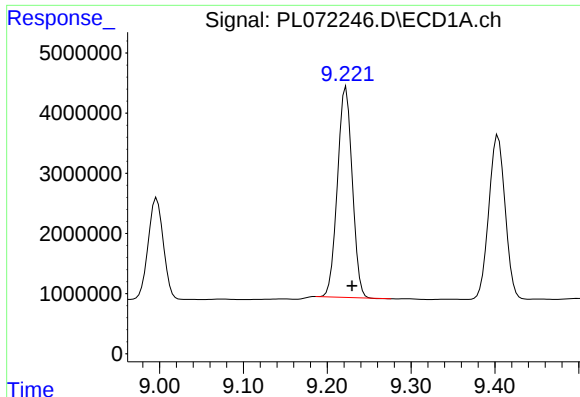
#20 Methoxychlor

R.T.: 8.997 min  
Delta R.T.: -0.007 min  
Response: 21221116  
Conc: 50.30 ng/ml



#20 Methoxychlor

R.T.: 9.839 min  
Delta R.T.: -0.007 min  
Response: 40918252  
Conc: 49.40 ng/ml



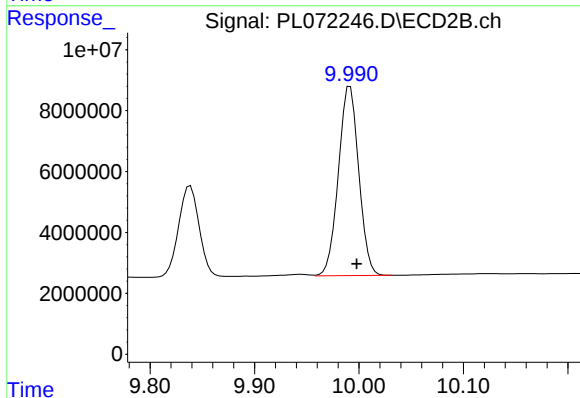
#21 Endrin ketone

R.T.: 9.222 min  
Delta R.T.: -0.007 min  
Response: 42802470  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

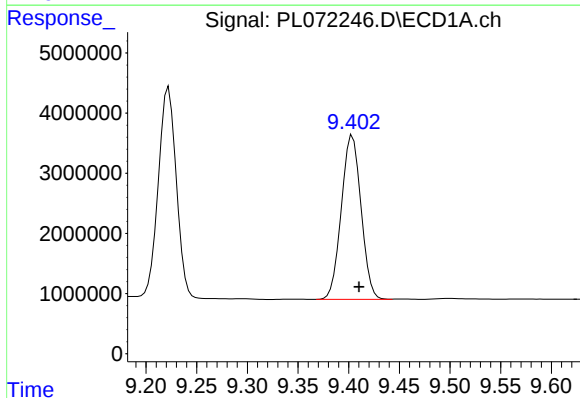
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/26/2022  
Supervised By :Ankita Jodhani 01/26/2022



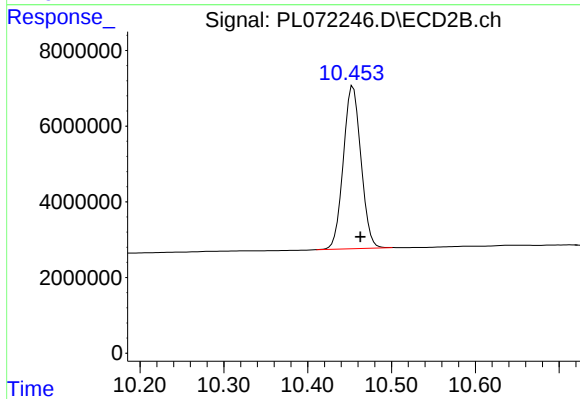
#21 Endrin ketone

R.T.: 9.991 min  
Delta R.T.: -0.006 min  
Response: 84071281  
Conc: 50.80 ng/ml



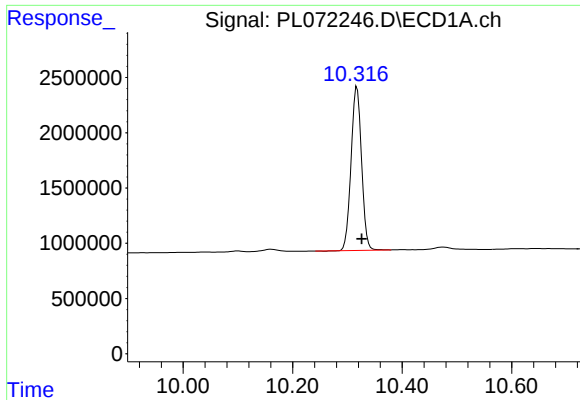
#22 Mirex

R.T.: 9.404 min  
Delta R.T.: -0.007 min  
Response: 36918446  
Conc: 49.99 ng/ml



#22 Mirex

R.T.: 10.454 min  
Delta R.T.: -0.009 min  
Response: 62854483  
Conc: 50.37 ng/ml



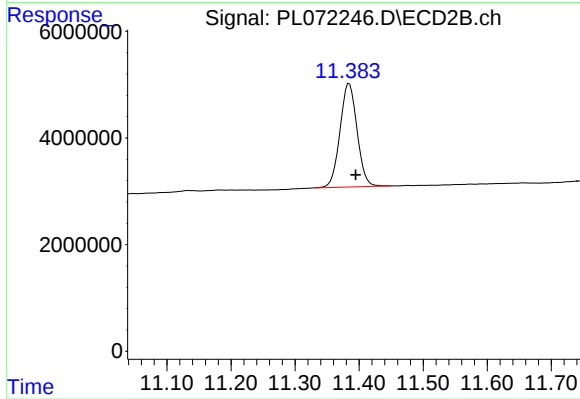
#28 Decachlorobiphenyl

R.T.: 10.317 min  
Delta R.T.: -0.009 min  
Response: 19686702  
Conc: 22.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142255BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/26/2022  
Supervised By :Ankita Jodhani 01/26/2022



#28 Decachlorobiphenyl

R.T.: 11.385 min  
Delta R.T.: -0.010 min  
Response: 35919564  
Conc: 22.26 ng/ml