

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101121\  
 Data File : PL070241.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Oct 2021 16:08  
 Operator : AR\AJ  
 Sample : PB139803BS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB139803BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 03:12:00 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 29 09:19:28 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... | 4.628  | 5.566  | 10142973 | 28588068 | 20.270 | 21.615  |
| 28)                         | SA Decachlor... | 10.396 | 11.490 | 12438941 | 22988349 | 17.976 | 18.996  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 5.335  | 6.147  | 36144014 | 103.2E6  | 48.829 | 52.770  |
| 3)                          | MA gamma-BHC... | 5.759  | 6.543  | 34230564 | 93760722 | 49.023 | 51.175  |
| 4)                          | MA Heptachlor   | 6.168  | 7.193  | 35583851 | 92335379 | 46.712 | 49.511  |
| 5)                          | MB Aldrin       | 6.493  | 7.564  | 33051870 | 83206797 | 45.790 | 48.291  |
| 6)                          | B beta-BHC      | 6.139  | 6.798  | 16234784 | 42930508 | 48.356 | 49.927  |
| 7)                          | B delta-BHC     | 6.400  | 7.066  | 31735047 | 86766877 | 45.904 | 44.827  |
| 8)                          | B Heptachlo...  | 7.070  | 8.031  | 32324406 | 75408463 | 46.097 | 48.656  |
| 9)                          | A Endosulfan I  | 7.473  | 8.437  | 30550522 | 65711677 | 45.714 | 44.664  |
| 10)                         | B gamma-Chl...  | 7.347  | 8.301  | 33195108 | 71381913 | 45.836 | 44.629  |
| 11)                         | B alpha-Chl...  | 7.417  | 8.381  | 33002950 | 69450687 | 45.314 | 44.036  |
| 12)                         | B 4,4'-DDE      | 7.630  | 8.569  | 29656313 | 69506528 | 46.596 | 44.876  |
| 13)                         | MA Dieldrin     | 7.759  | 8.725  | 31899880 | 68819154 | 46.429 | 45.083m |
| 14)                         | MA Endrin       | 8.051  | 8.966  | 30759871 | 56241765 | 48.676 | 44.774  |
| 15)                         | B Endosulfa...  | 8.361  | 9.200  | 29945689 | 52201500 | 47.205 | 43.685  |
| 16)                         | A 4,4'-DDD      | 8.216  | 9.109  | 25552962 | 52029378 | 45.561 | 44.046  |
| 17)                         | MA 4,4'-DDT     | 8.476  | 9.427  | 25889869 | 51232904 | 42.324 | 39.204  |
| 18)                         | B Endrin al...  | 8.549  | 9.335  | 25393849 | 47769075 | 51.253 | 49.526  |
| 19)                         | B Endosulfa...  | 8.780  | 9.573  | 29357664 | 53383867 | 44.498 | 43.623  |
| 20)                         | A Methoxychlor  | 9.070  | 9.913  | 15383719 | 24912538 | 41.199 | 38.496  |
| 21)                         | B Endrin ke...  | 9.299  | 10.071 | 32491956 | 59111573 | 42.522 | 44.190  |
| 22)                         | Mirex           | 9.486  | 10.538 | 27521841 | 43303438 | 41.726 | 43.957  |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101121\  
Data File : PL070241.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Oct 2021 16:08  
Operator : AR\AJ  
Sample : PB139803BS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

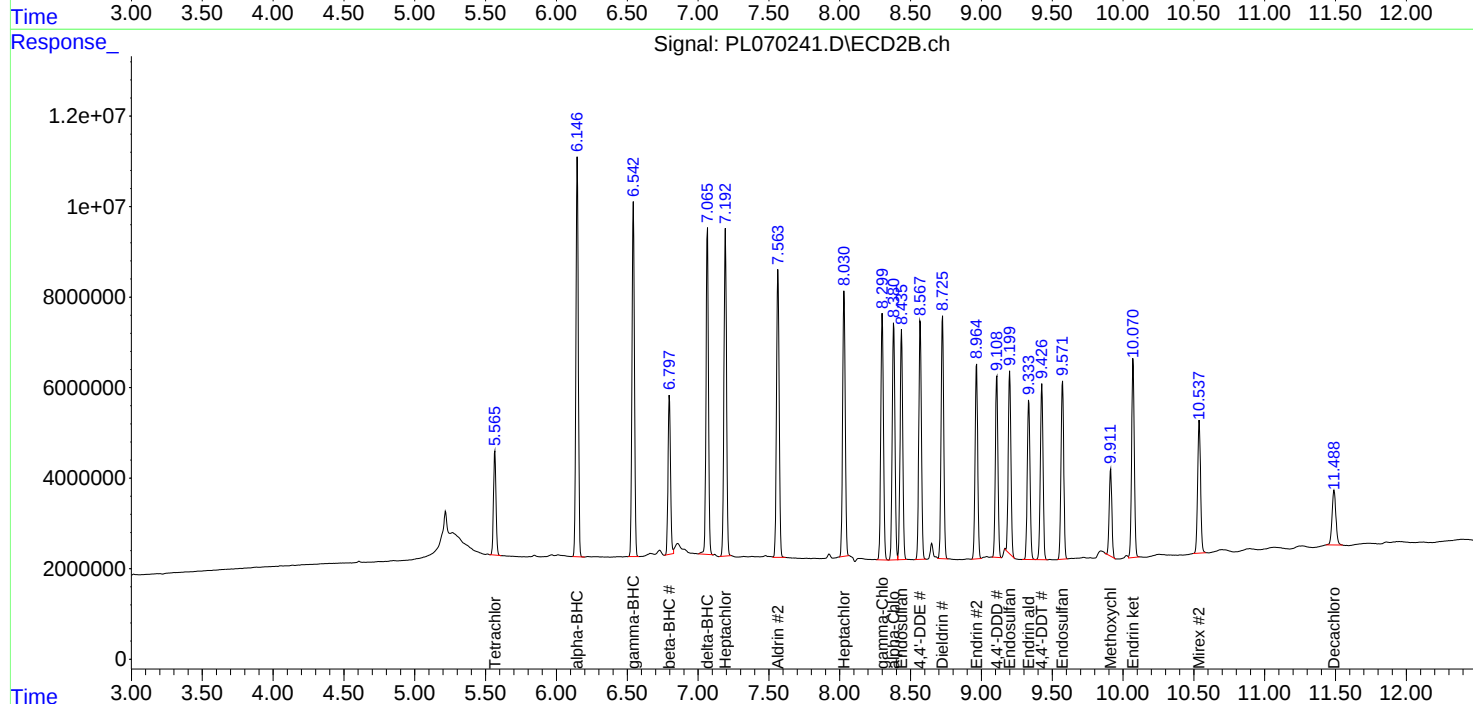
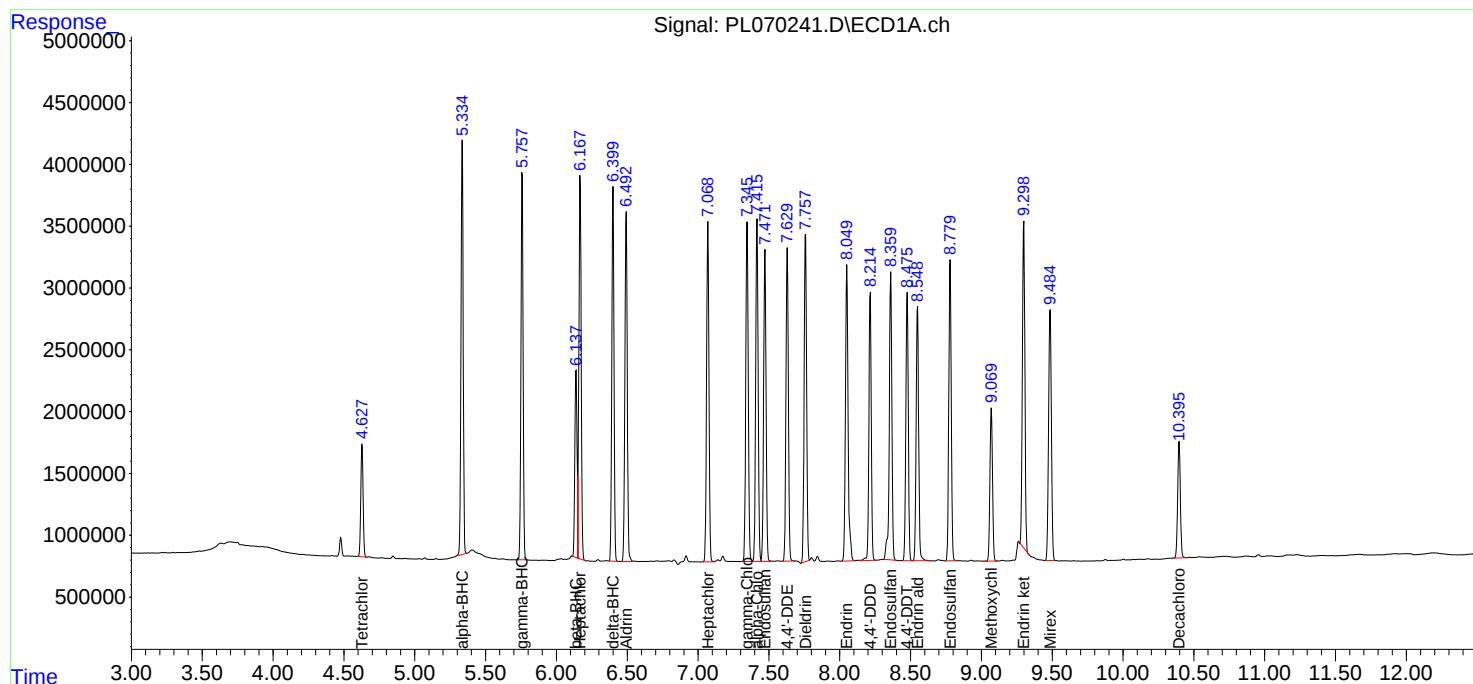
Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

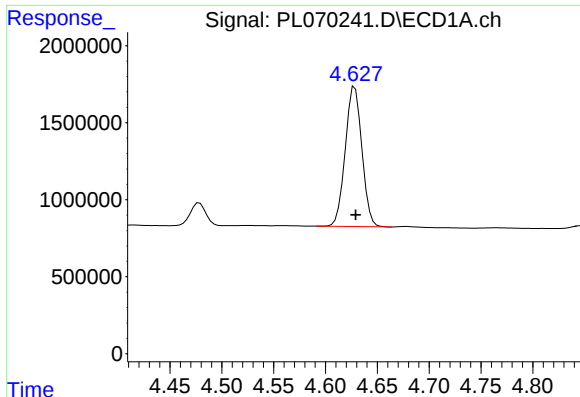
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 03:12:00 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 29 09:19:28 2021  
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





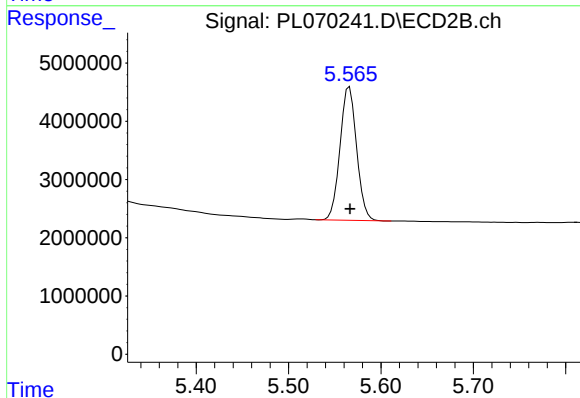
#1 Tetrachloro-m-xylene

R.T.: 4.628 min  
Delta R.T.: 0.000 min  
Response: 10142973  
Conc: 20.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

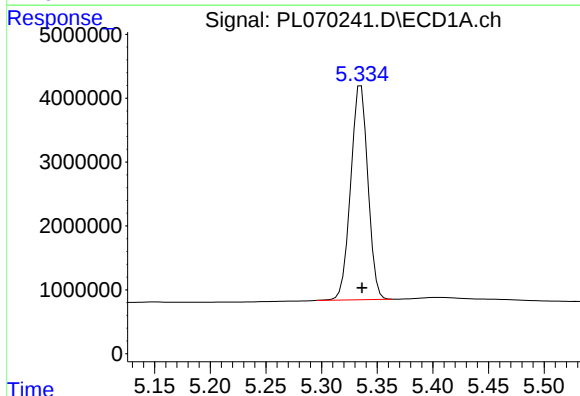
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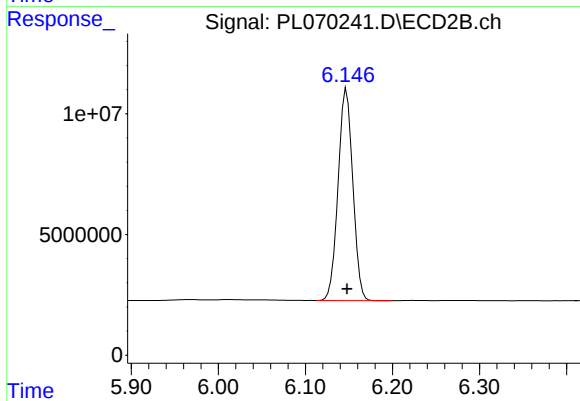
#1 Tetrachloro-m-xylene

R.T.: 5.566 min  
Delta R.T.: 0.000 min  
Response: 28588068  
Conc: 21.61 ng/ml



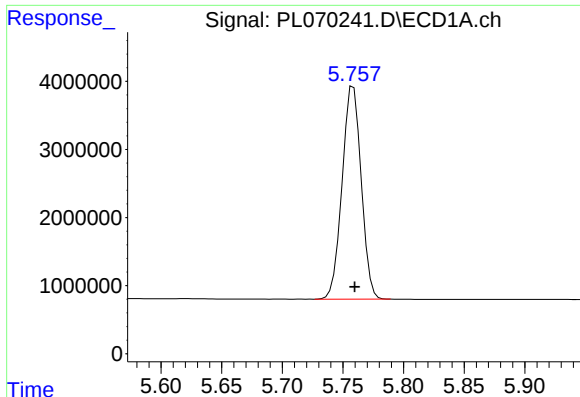
#2 alpha-BHC

R.T.: 5.335 min  
Delta R.T.: 0.000 min  
Response: 36144014  
Conc: 48.83 ng/ml



#2 alpha-BHC

R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 103214605  
Conc: 52.77 ng/ml



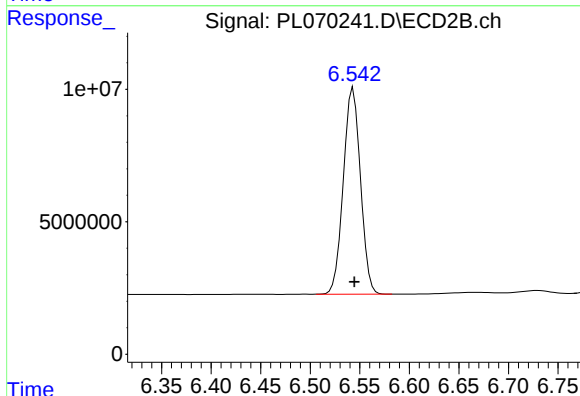
#3 gamma-BHC (Lindane)

R.T.: 5.759 min  
Delta R.T.: -0.001 min  
Response: 34230564  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

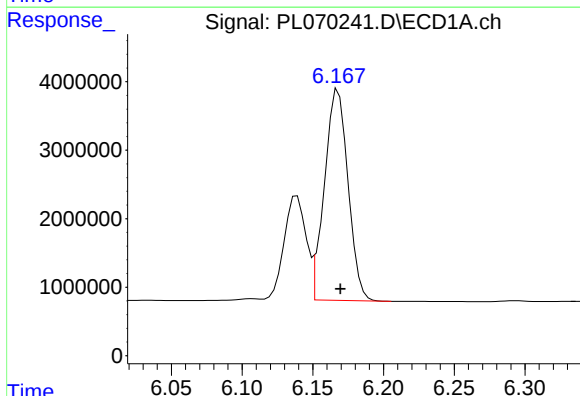
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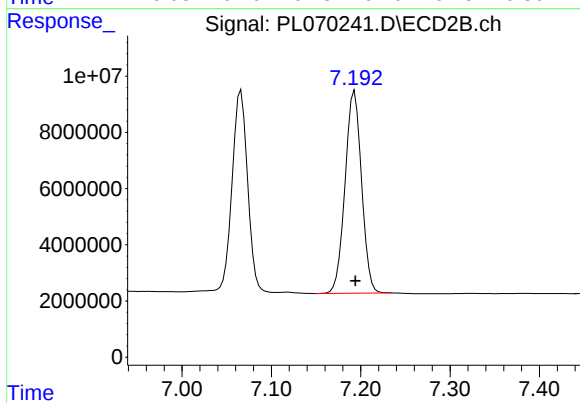
#3 gamma-BHC (Lindane)

R.T.: 6.543 min  
Delta R.T.: -0.001 min  
Response: 93760722  
Conc: 51.18 ng/ml



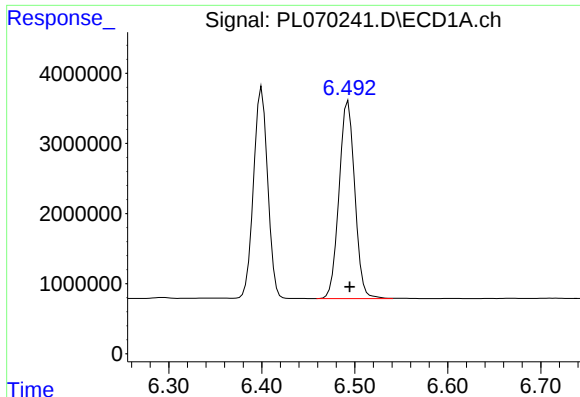
#4 Heptachlor

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 35583851  
Conc: 46.71 ng/ml



#4 Heptachlor

R.T.: 7.193 min  
Delta R.T.: -0.001 min  
Response: 92335379  
Conc: 49.51 ng/ml



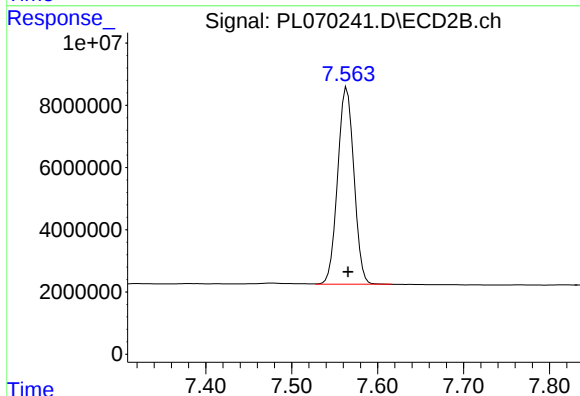
#5 Aldrin

R.T.: 6.493 min  
Delta R.T.: -0.002 min  
Response: 33051870  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

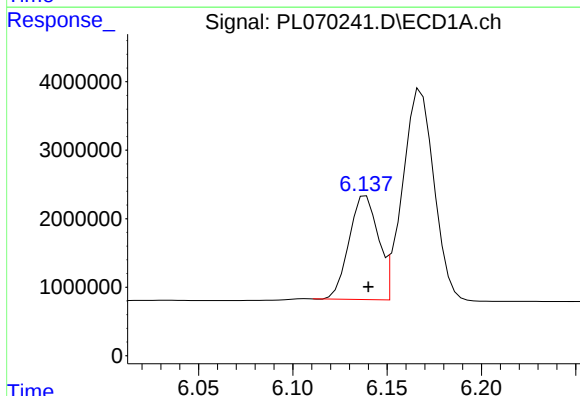
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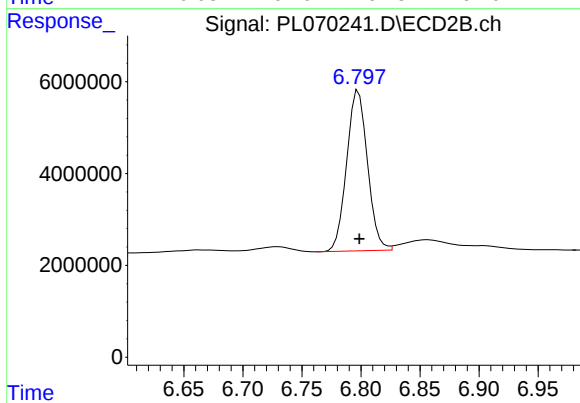
#5 Aldrin

R.T.: 7.564 min  
Delta R.T.: -0.001 min  
Response: 83206797  
Conc: 48.29 ng/ml



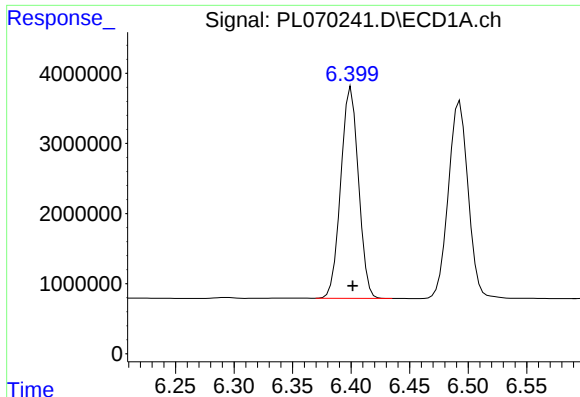
#6 beta-BHC

R.T.: 6.139 min  
Delta R.T.: -0.001 min  
Response: 16234784  
Conc: 48.36 ng/ml



#6 beta-BHC

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 42930508  
Conc: 49.93 ng/ml



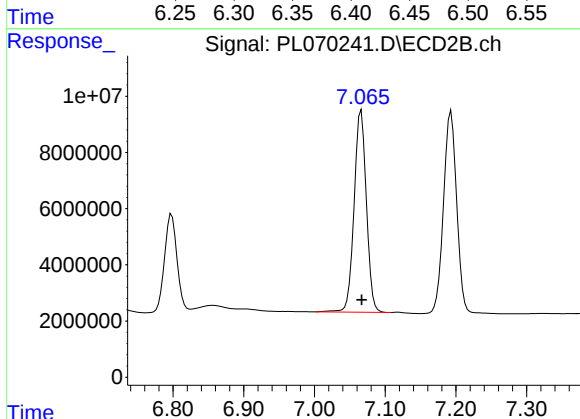
#7 delta-BHC

R.T.: 6.400 min  
Delta R.T.: -0.001 min  
Response: 31735047  
Conc: 45.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

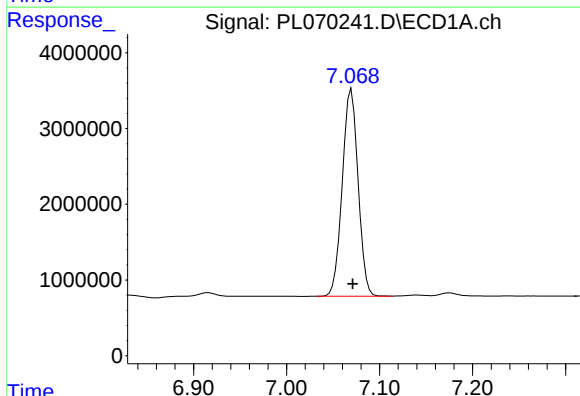
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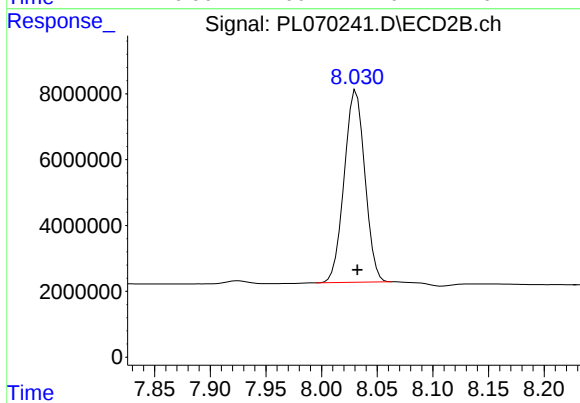
#7 delta-BHC

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 86766877  
Conc: 44.83 ng/ml



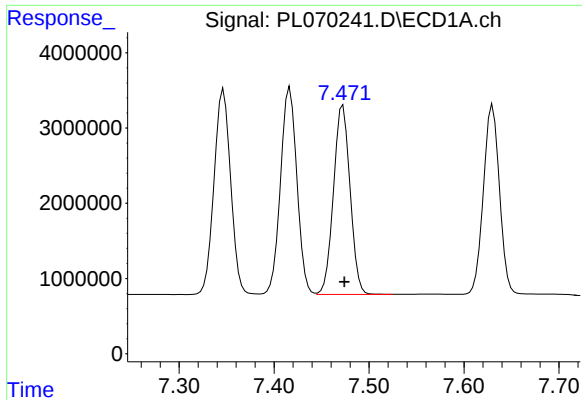
#8 Heptachlor epoxide

R.T.: 7.070 min  
Delta R.T.: -0.001 min  
Response: 32324406  
Conc: 46.10 ng/ml



#8 Heptachlor epoxide

R.T.: 8.031 min  
Delta R.T.: -0.001 min  
Response: 75408463  
Conc: 48.66 ng/ml



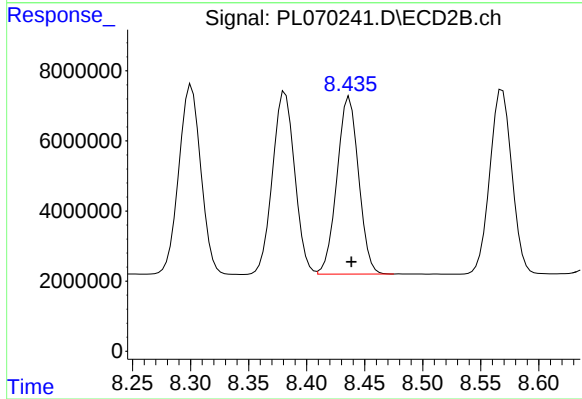
#9 Endosulfan I

R.T.: 7.473 min  
Delta R.T.: -0.001 min  
Response: 30550522  
Conc: 45.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

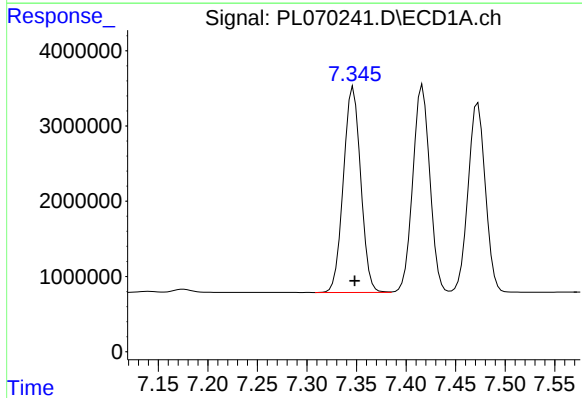
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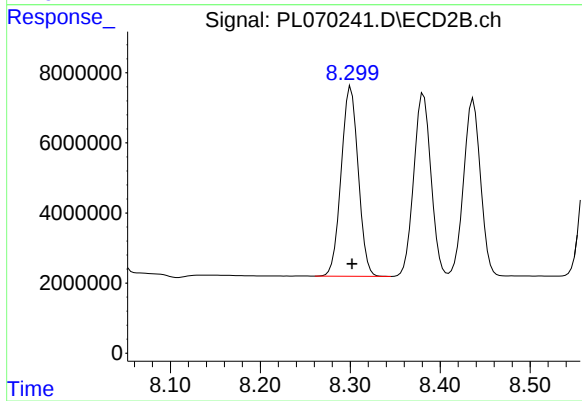
#9 Endosulfan I

R.T.: 8.437 min  
Delta R.T.: -0.002 min  
Response: 65711677  
Conc: 44.66 ng/ml



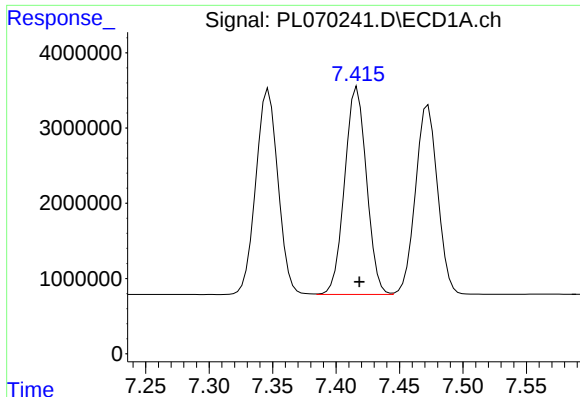
#10 gamma-Chlordane

R.T.: 7.347 min  
Delta R.T.: -0.001 min  
Response: 33195108  
Conc: 45.84 ng/ml



#10 gamma-Chlordane

R.T.: 8.301 min  
Delta R.T.: -0.001 min  
Response: 71381913  
Conc: 44.63 ng/ml



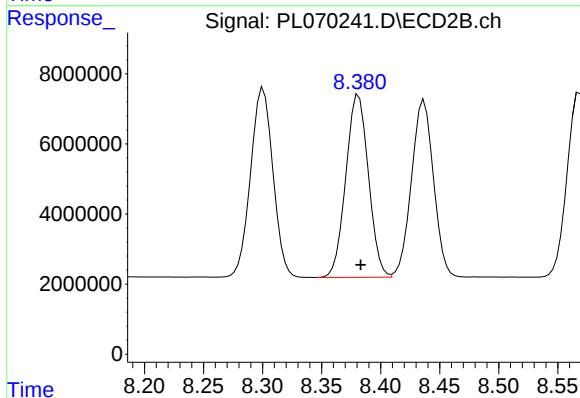
#11 alpha-Chlordane

R.T.: 7.417 min  
Delta R.T.: -0.002 min  
Response: 33002950  
Conc: 45.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

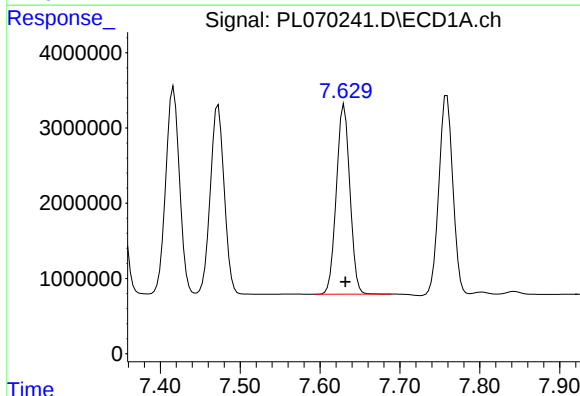
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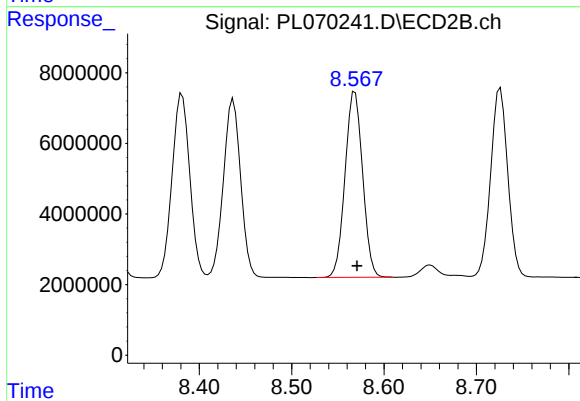
#11 alpha-Chlordane

R.T.: 8.381 min  
Delta R.T.: -0.002 min  
Response: 69450687  
Conc: 44.04 ng/ml



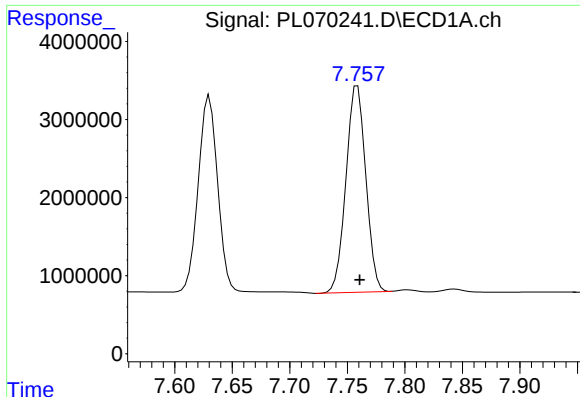
#12 4,4'-DDE

R.T.: 7.630 min  
Delta R.T.: -0.001 min  
Response: 29656313  
Conc: 46.60 ng/ml



#12 4,4'-DDE

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 69506528  
Conc: 44.88 ng/ml



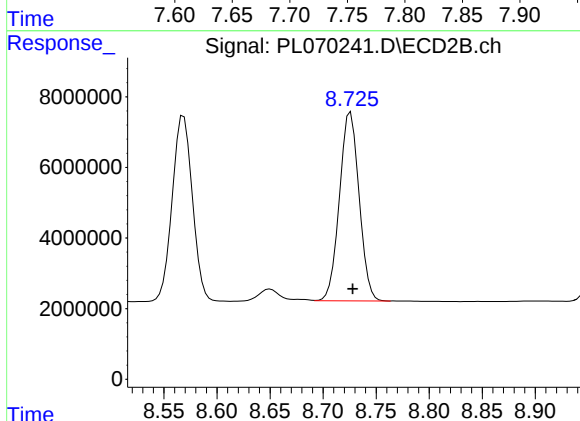
#13 Dieldrin

R.T.: 7.759 min  
Delta R.T.: -0.002 min  
Response: 31899880  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

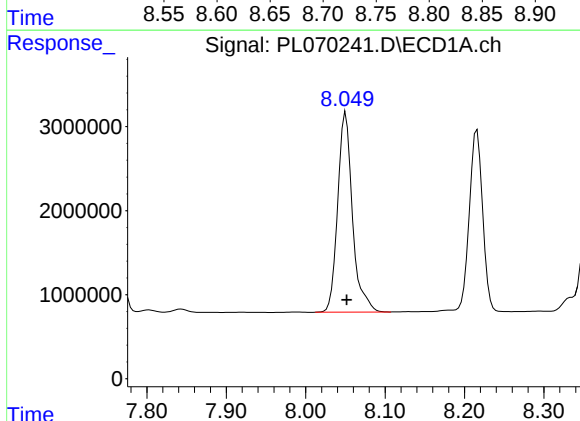
Manual Integrations  
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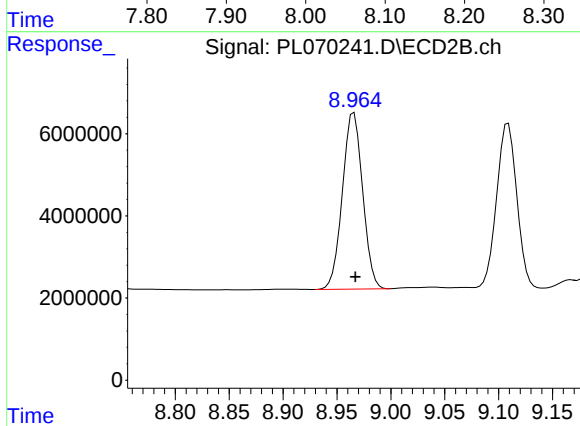
#13 Dieldrin

R.T.: 8.725 min  
Delta R.T.: -0.003 min  
Response: 68819154  
Conc: 45.08 ng/ml m



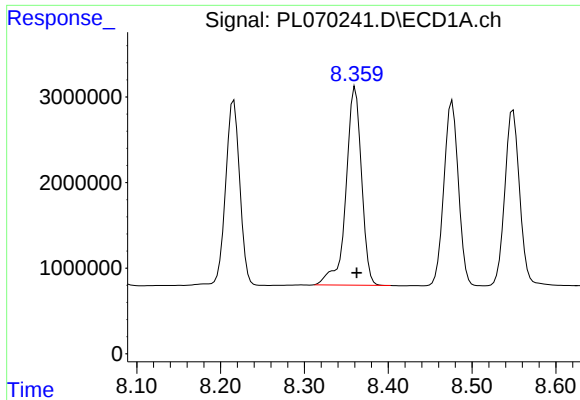
#14 Endrin

R.T.: 8.051 min  
Delta R.T.: -0.001 min  
Response: 30759871  
Conc: 48.68 ng/ml



#14 Endrin

R.T.: 8.966 min  
Delta R.T.: -0.001 min  
Response: 56241765  
Conc: 44.77 ng/ml



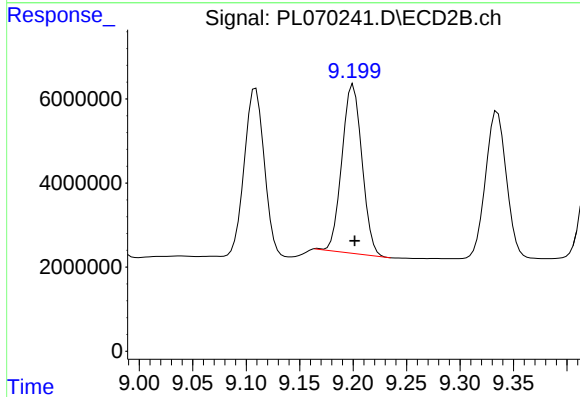
#15 Endosulfan II

R.T.: 8.361 min  
Delta R.T.: -0.002 min  
Response: 29945689  
Conc: 47.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

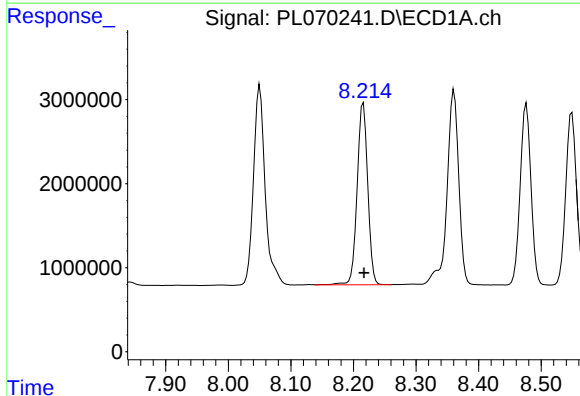
Manual Integrations  
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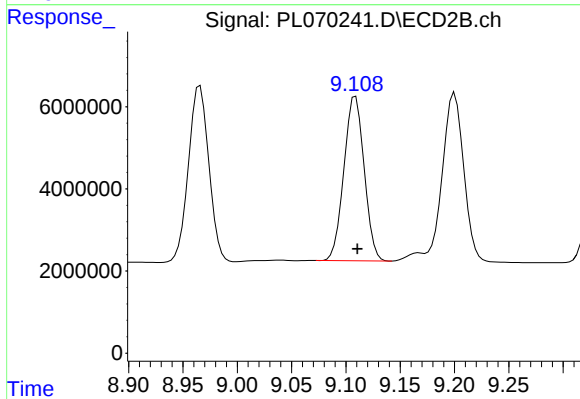
#15 Endosulfan II

R.T.: 9.200 min  
Delta R.T.: -0.001 min  
Response: 52201500  
Conc: 43.69 ng/ml



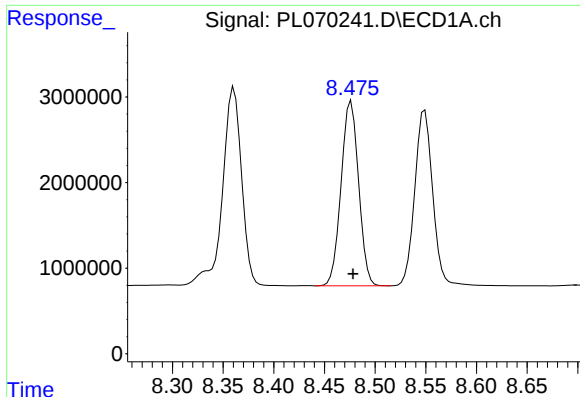
#16 4,4'-DDD

R.T.: 8.216 min  
Delta R.T.: -0.001 min  
Response: 25552962  
Conc: 45.56 ng/ml



#16 4,4'-DDD

R.T.: 9.109 min  
Delta R.T.: -0.002 min  
Response: 52029378  
Conc: 44.05 ng/ml



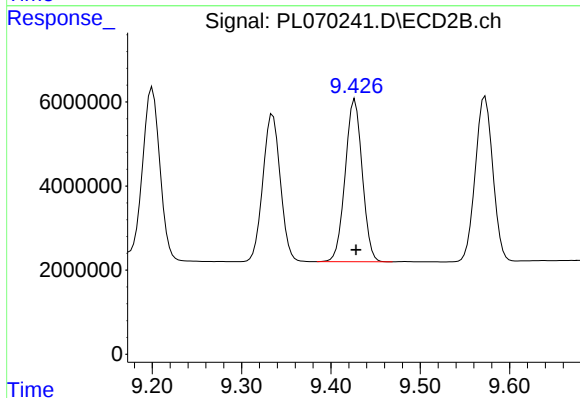
#17 4,4'-DDT

R.T.: 8.476 min  
Delta R.T.: -0.002 min  
Response: 25889869  
Conc: 42.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

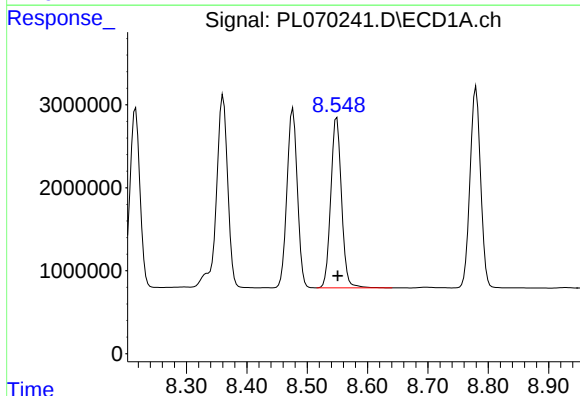
Manual Integrations  
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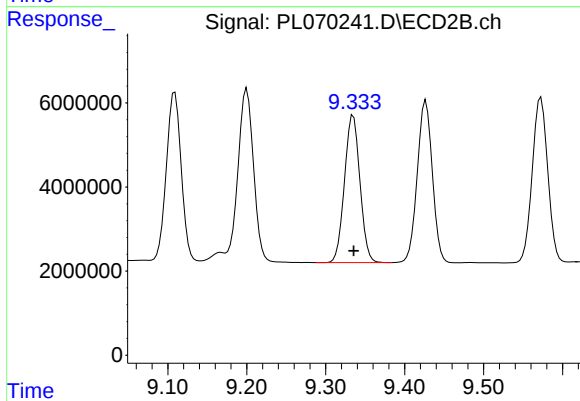
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: -0.001 min  
Response: 51232904  
Conc: 39.20 ng/ml



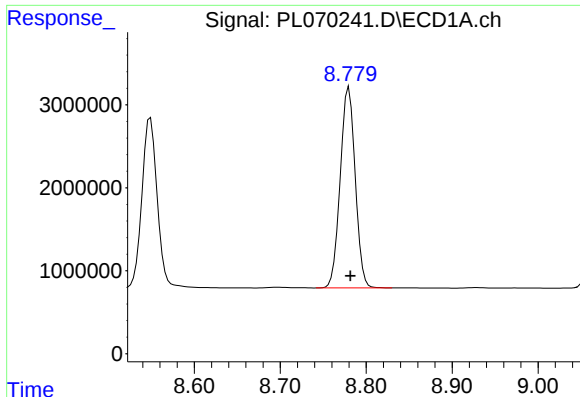
#18 Endrin aldehyde

R.T.: 8.549 min  
Delta R.T.: -0.002 min  
Response: 25393849  
Conc: 51.25 ng/ml



#18 Endrin aldehyde

R.T.: 9.335 min  
Delta R.T.: 0.000 min  
Response: 47769075  
Conc: 49.53 ng/ml



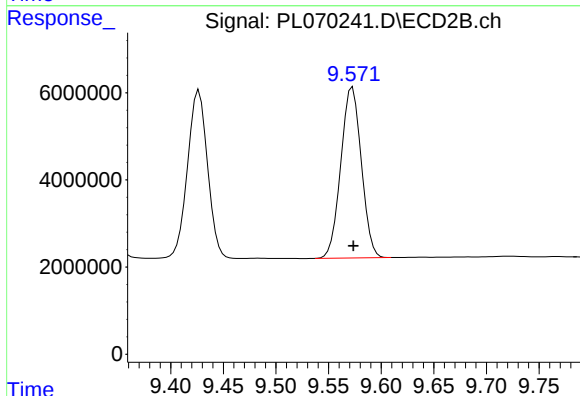
#19 Endosulfan Sulfate

R.T.: 8.780 min  
Delta R.T.: -0.002 min  
Response: 29357664  
Conc: 44.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

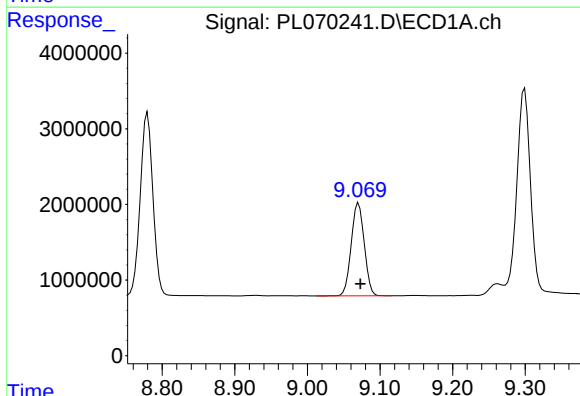
Manual Integrations  
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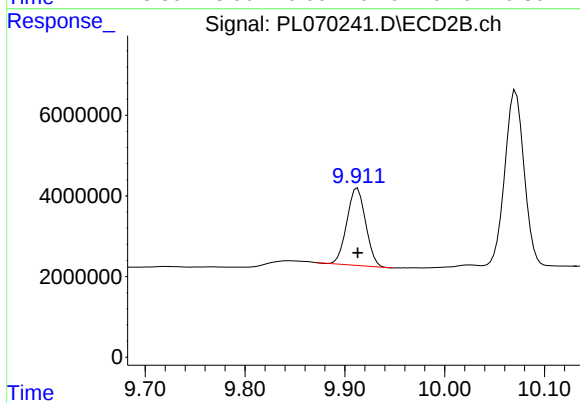
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 53383867  
Conc: 43.62 ng/ml



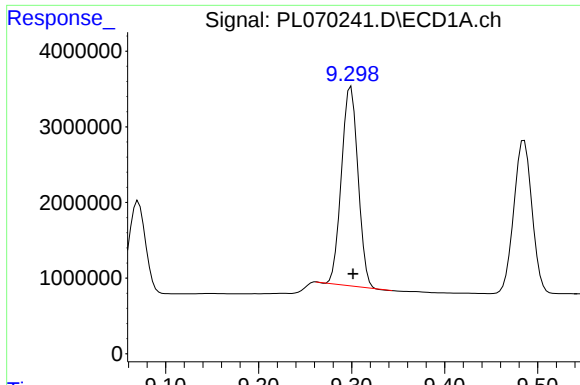
#20 Methoxychlor

R.T.: 9.070 min  
Delta R.T.: -0.002 min  
Response: 15383719  
Conc: 41.20 ng/ml



#20 Methoxychlor

R.T.: 9.913 min  
Delta R.T.: 0.000 min  
Response: 24912538  
Conc: 38.50 ng/ml



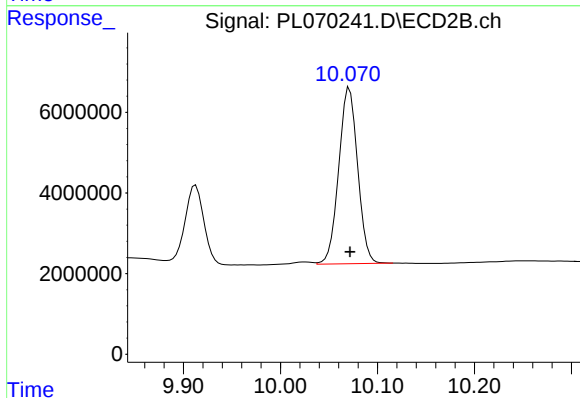
#21 Endrin ketone

R.T.: 9.299 min  
Delta R.T.: -0.002 min  
Response: 32491956  
Conc: 42.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

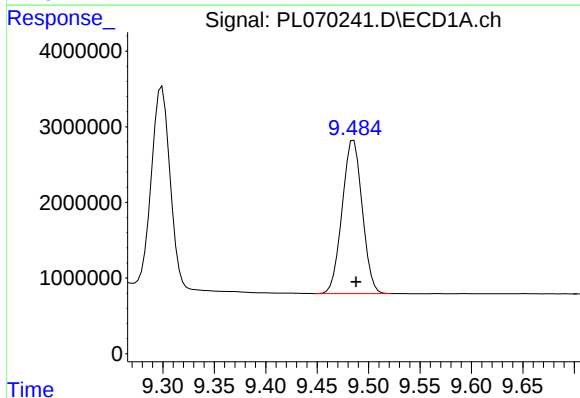
Manual Integrations  
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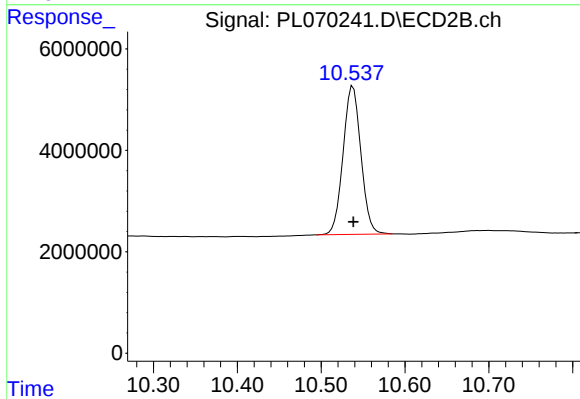
#21 Endrin ketone

R.T.: 10.071 min  
Delta R.T.: 0.000 min  
Response: 59111573  
Conc: 44.19 ng/ml



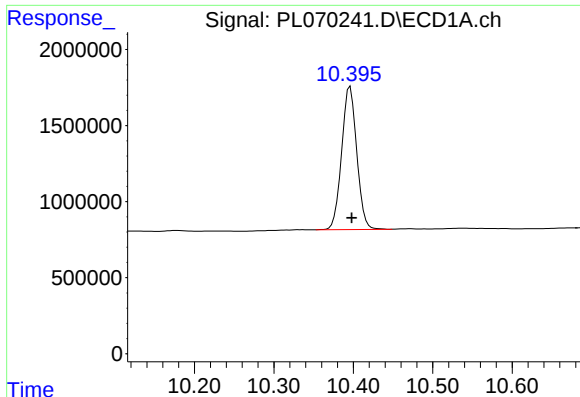
#22 Mirex

R.T.: 9.486 min  
Delta R.T.: -0.002 min  
Response: 27521841  
Conc: 41.73 ng/ml



#22 Mirex

R.T.: 10.538 min  
Delta R.T.: 0.000 min  
Response: 43303438  
Conc: 43.96 ng/ml



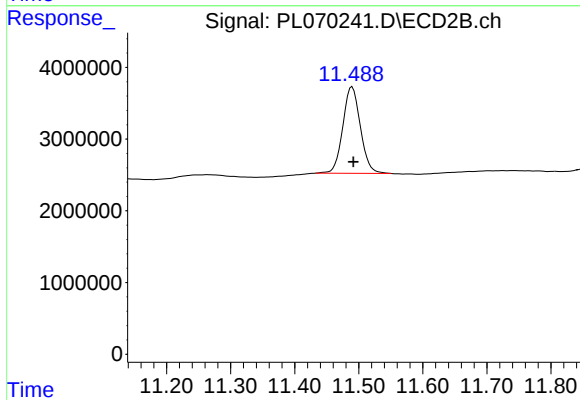
#28 Decachlorobiphenyl

R.T.: 10.396 min  
Delta R.T.: -0.002 min  
Response: 12438941  
Conc: 17.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB139803BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.490 min  
Delta R.T.: -0.002 min  
Response: 22988349  
Conc: 19.00 ng/ml