

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102521\  
 Data File : PL070501.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2021 13:29  
 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: Oct 26 06:33:40 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...          | 4.626  | 5.565  | 25124889 | 63563786 | 50.211 | 48.059  |
| 28) SA Decachlor...         | 10.393 | 11.490 | 31427718 | 53968285 | 45.417 | 44.596  |
| Target Compounds            |        |        |          |          |        |         |
| 2) A alpha-BHC              | 5.333  | 6.146  | 36913684 | 96073488 | 49.869 | 49.119  |
| 3) MA gamma-BHC...          | 5.756  | 6.543  | 35675320 | 89204558 | 51.092 | 48.689  |
| 4) MA Heptachlor            | 6.165  | 7.192  | 37256225 | 88439241 | 48.907 | 47.422  |
| 5) MB Aldrin                | 6.490  | 7.564  | 35138560 | 81926041 | 48.681 | 47.547  |
| 6) B beta-BHC               | 6.137  | 6.798  | 17228510 | 40875453 | 51.316 | 47.537  |
| 7) B delta-BHC              | 6.397  | 7.066  | 35363179 | 92870858 | 51.152 | 47.980  |
| 8) B Heptachlo...           | 7.067  | 8.030  | 33994908 | 73543910 | 48.479 | 47.453  |
| 9) A Endosulfan I           | 7.470  | 8.437  | 32524106 | 68811462 | 48.668 | 46.771  |
| 10) B gamma-Chl...          | 7.344  | 8.300  | 34953866 | 74930774 | 48.264 | 46.847  |
| 11) B alpha-Chl...          | 7.414  | 8.381  | 34979984 | 73339958 | 48.028 | 46.502  |
| 12) B 4,4'-DDE              | 7.627  | 8.569  | 30787919 | 72094914 | 48.374 | 46.547  |
| 13) MA Dieldrin             | 7.756  | 8.726  | 33182912 | 70693816 | 48.296 | 46.311  |
| 14) MA Endrin               | 8.047  | 8.966  | 28967648 | 55692862 | 45.840 | 44.337  |
| 15) B Endosulfa...          | 8.358  | 9.200  | 30059246 | 56506629 | 47.384 | 47.288  |
| 16) A 4,4'-DDD              | 8.212  | 9.110  | 27136945 | 57171450 | 48.386 | 48.400  |
| 17) MA 4,4'-DDT             | 8.474  | 9.427  | 26931432 | 55582497 | 44.026 | 42.532  |
| 18) B Endrin al...          | 8.546  | 9.335  | 22764145 | 42544083 | 45.945 | 44.109  |
| 19) B Endosulfa...          | 8.777  | 9.573  | 30856951 | 55389178 | 46.771 | 45.262  |
| 20) A Methoxychlor          | 9.068  | 9.911  | 15501896 | 29775741 | 41.515 | 46.011m |
| 21) B Endrin ke...          | 9.297  | 10.071 | 36634110 | 62117732 | 47.943 | 46.438  |
| 22) Mirex                   | 9.483  | 10.538 | 29853900 | 42626953 | 45.261 | 43.271  |
| -----                       |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102521\  
Data File : PL070501.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2021 13:29  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

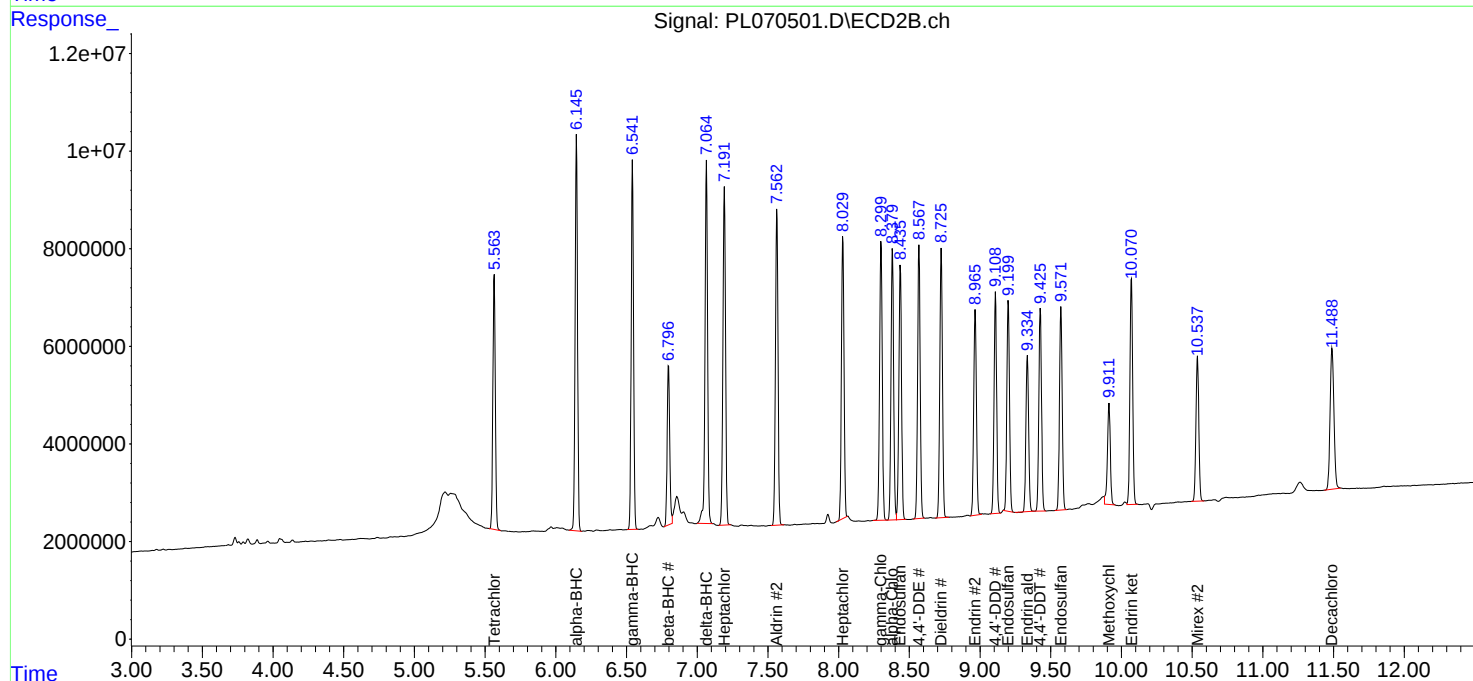
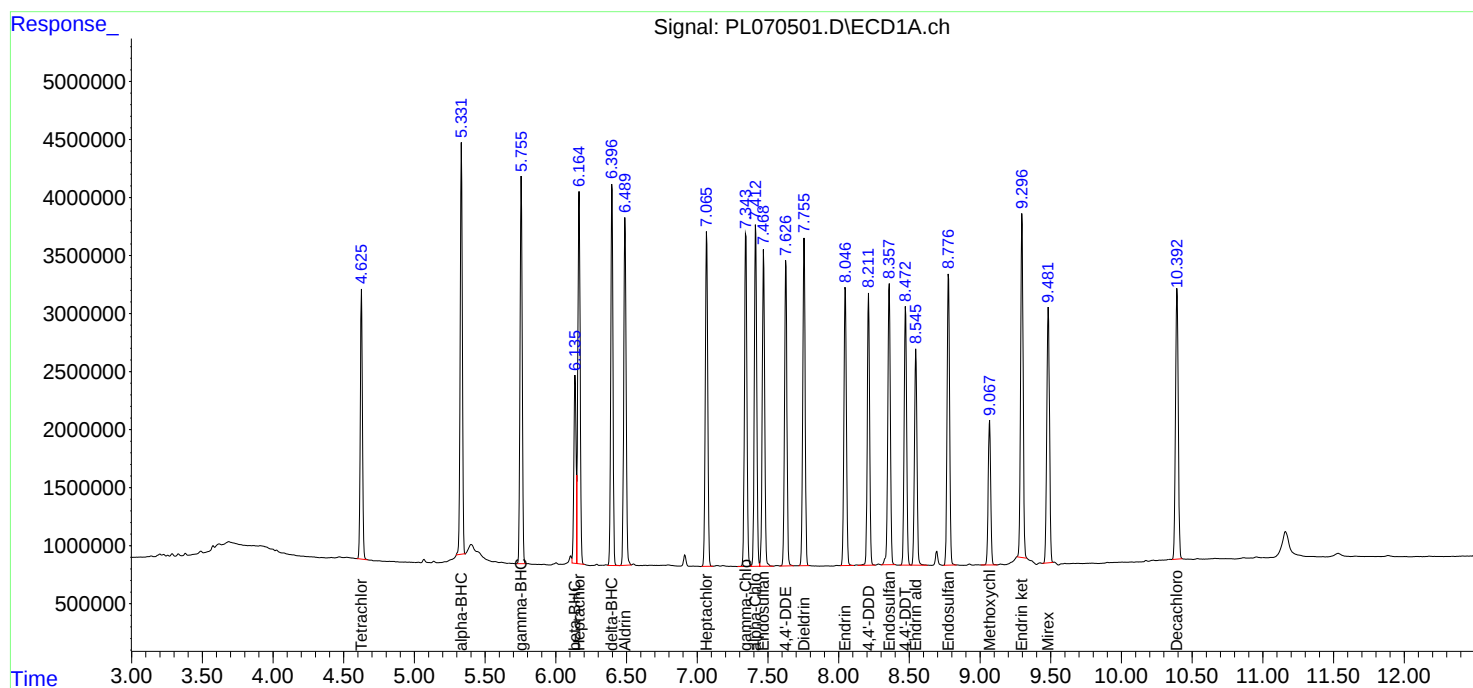
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

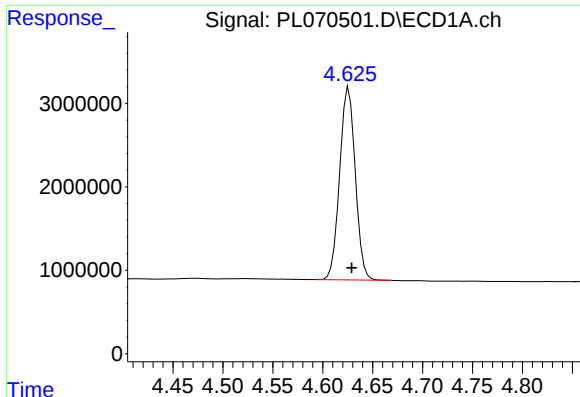
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 26 06:33:40 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 29 09:19:28 2021  
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





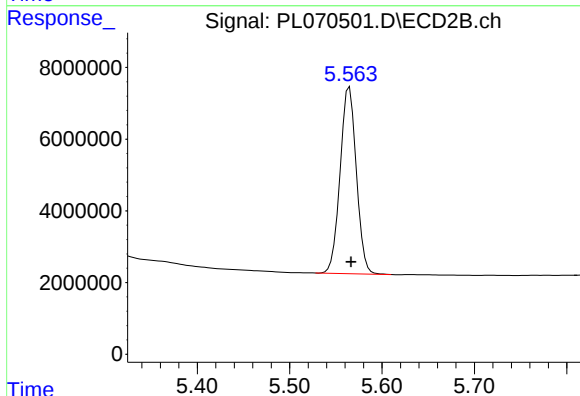
#1 Tetrachloro-m-xylene

R.T.: 4.626 min  
Delta R.T.: -0.003 min  
Response: 25124889  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

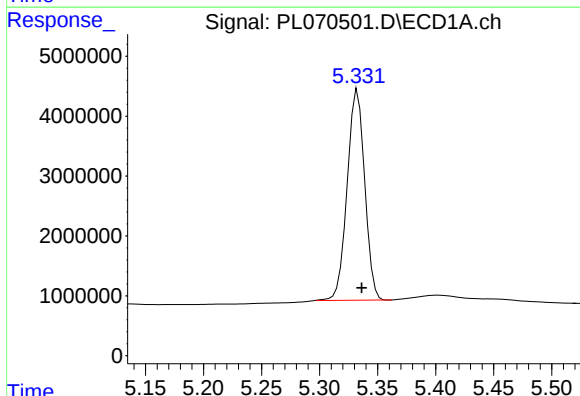
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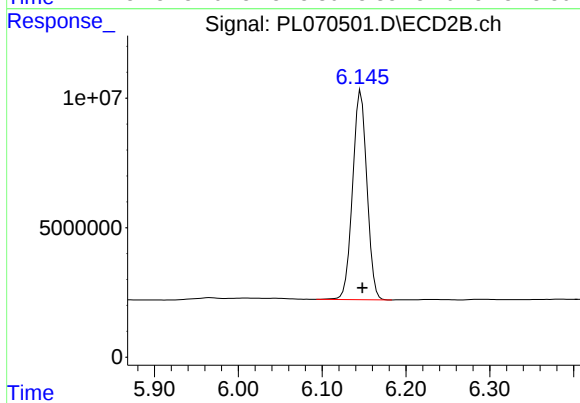
#1 Tetrachloro-m-xylene

R.T.: 5.565 min  
Delta R.T.: -0.002 min  
Response: 63563786  
Conc: 48.06 ng/ml



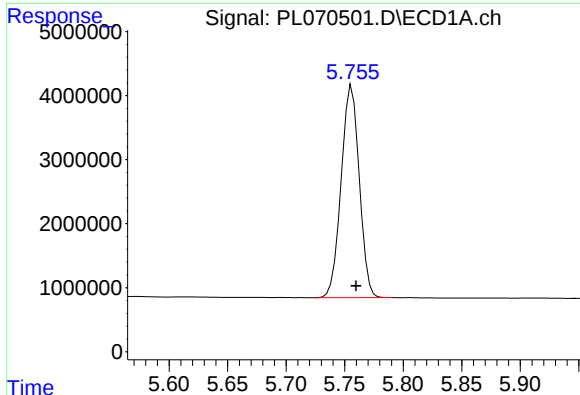
#2 alpha-BHC

R.T.: 5.333 min  
Delta R.T.: -0.004 min  
Response: 36913684  
Conc: 49.87 ng/ml



#2 alpha-BHC

R.T.: 6.146 min  
Delta R.T.: -0.002 min  
Response: 96073488  
Conc: 49.12 ng/ml



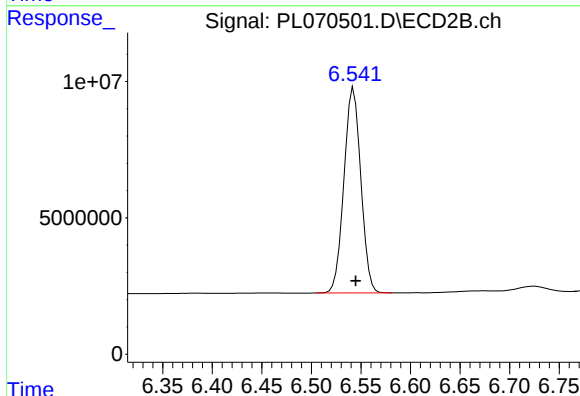
#3 gamma-BHC (Lindane)

R.T.: 5.756 min  
Delta R.T.: -0.003 min  
Response: 35675320  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

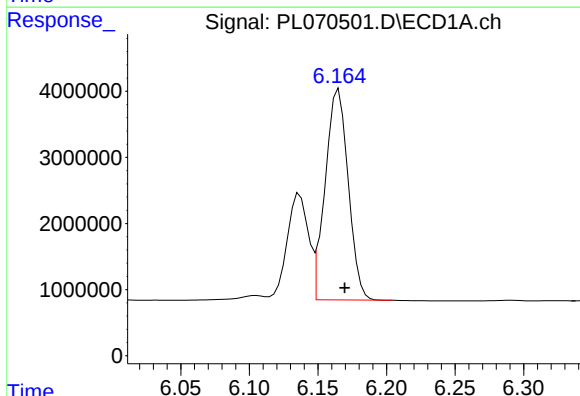
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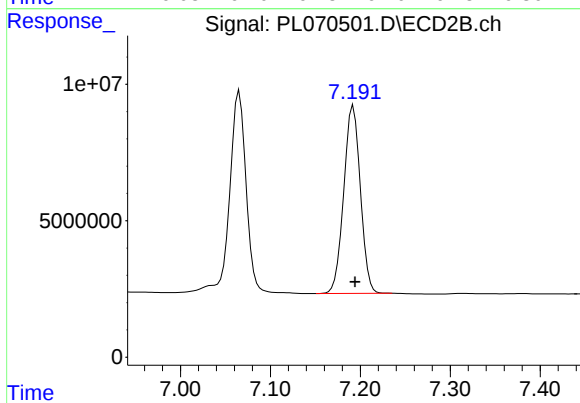
#3 gamma-BHC (Lindane)

R.T.: 6.543 min  
Delta R.T.: -0.002 min  
Response: 89204558  
Conc: 48.69 ng/ml



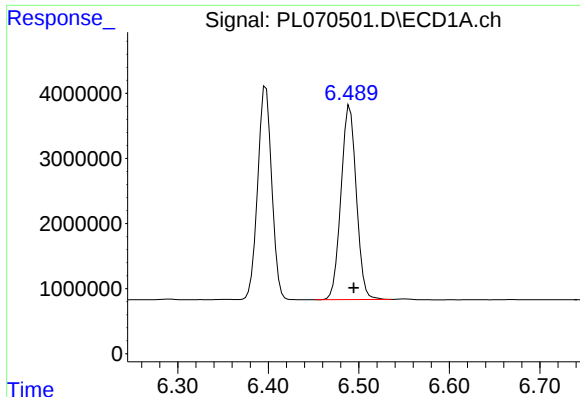
#4 Heptachlor

R.T.: 6.165 min  
Delta R.T.: -0.004 min  
Response: 37256225  
Conc: 48.91 ng/ml



#4 Heptachlor

R.T.: 7.192 min  
Delta R.T.: -0.002 min  
Response: 88439241  
Conc: 47.42 ng/ml



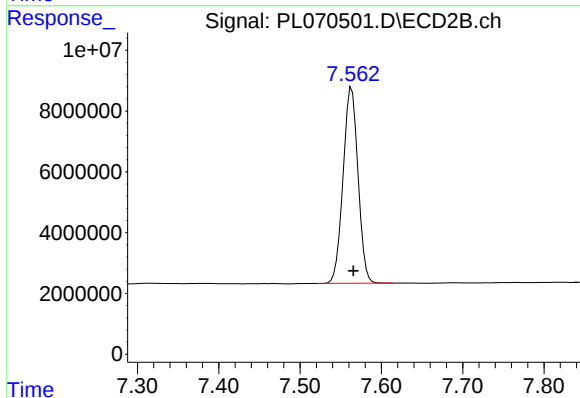
#5 Aldrin

R.T.: 6.490 min  
Delta R.T.: -0.005 min  
Response: 35138560  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

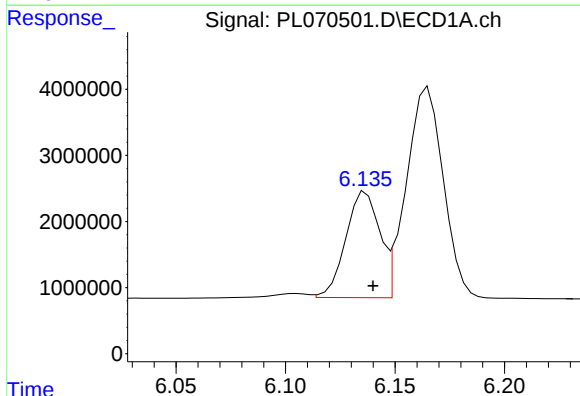
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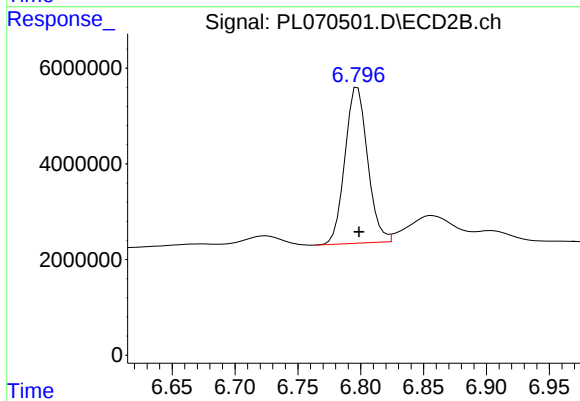
#5 Aldrin

R.T.: 7.564 min  
Delta R.T.: -0.002 min  
Response: 81926041  
Conc: 47.55 ng/ml



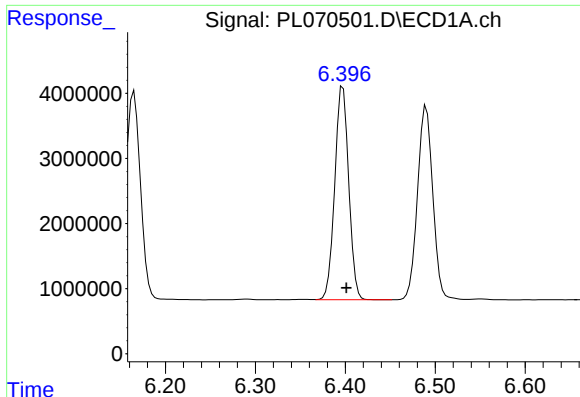
#6 beta-BHC

R.T.: 6.137 min  
Delta R.T.: -0.003 min  
Response: 17228510  
Conc: 51.32 ng/ml



#6 beta-BHC

R.T.: 6.798 min  
Delta R.T.: -0.001 min  
Response: 40875453  
Conc: 47.54 ng/ml



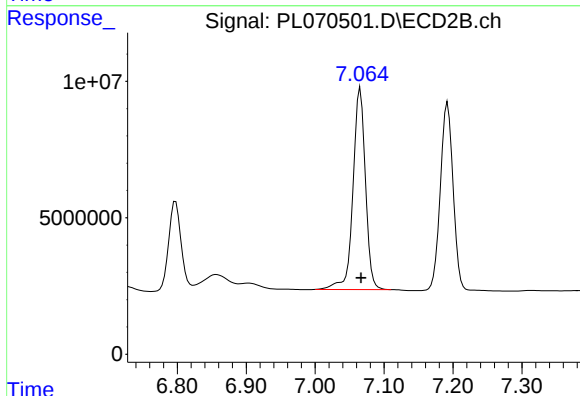
#7 delta-BHC

R.T.: 6.397 min  
Delta R.T.: -0.004 min  
Response: 35363179  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

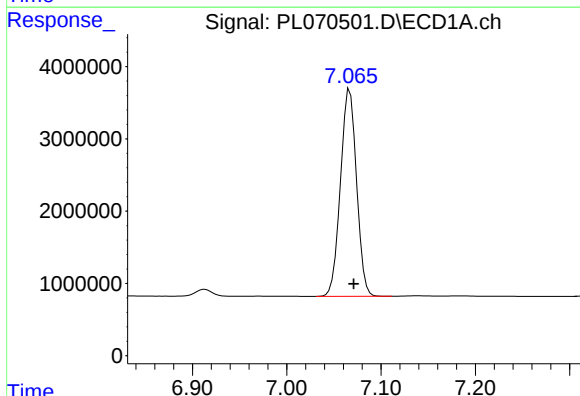
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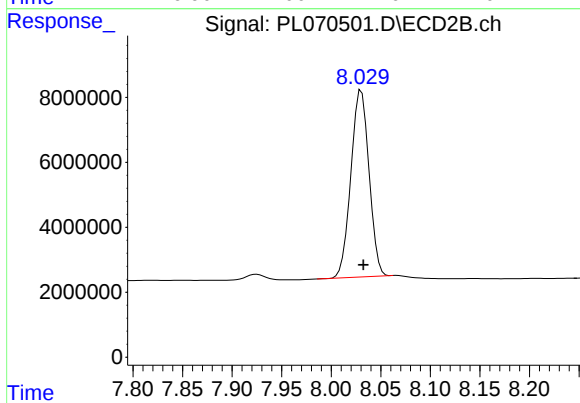
#7 delta-BHC

R.T.: 7.066 min  
Delta R.T.: -0.001 min  
Response: 92870858  
Conc: 47.98 ng/ml



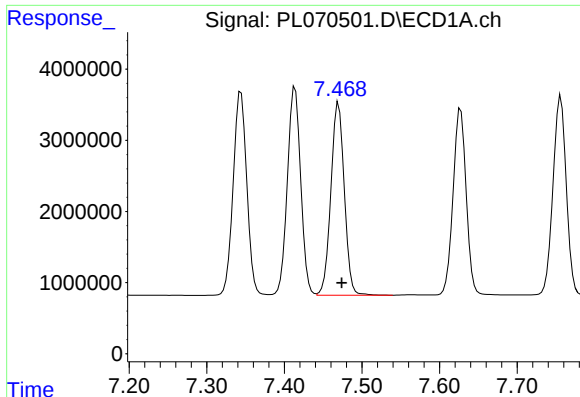
#8 Heptachlor epoxide

R.T.: 7.067 min  
Delta R.T.: -0.004 min  
Response: 33994908  
Conc: 48.48 ng/ml



#8 Heptachlor epoxide

R.T.: 8.030 min  
Delta R.T.: -0.002 min  
Response: 73543910  
Conc: 47.45 ng/ml



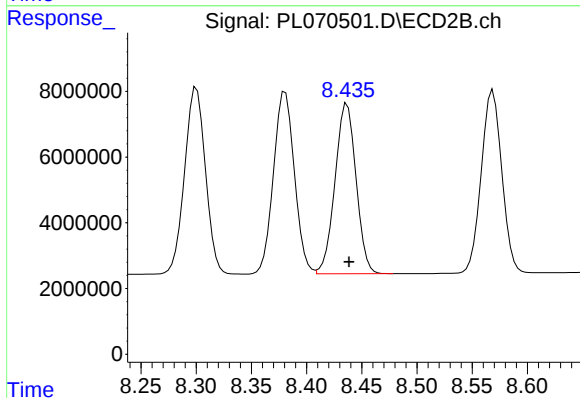
#9 Endosulfan I

R.T.: 7.470 min  
Delta R.T.: -0.004 min  
Response: 32524106  
Conc: 48.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

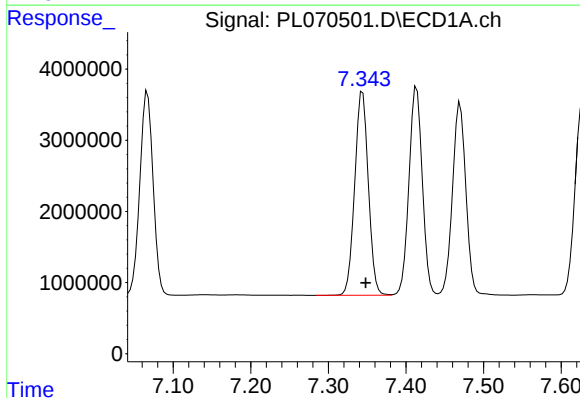
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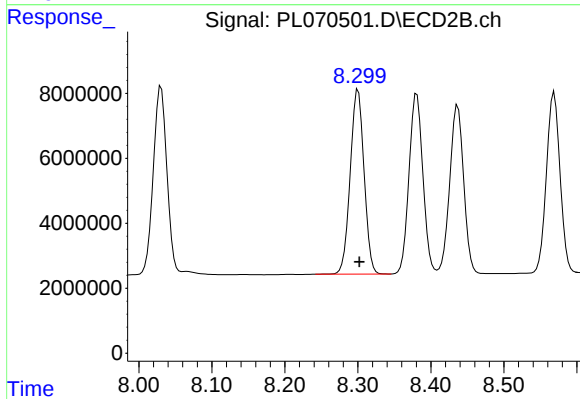
#9 Endosulfan I

R.T.: 8.437 min  
Delta R.T.: -0.002 min  
Response: 68811462  
Conc: 46.77 ng/ml



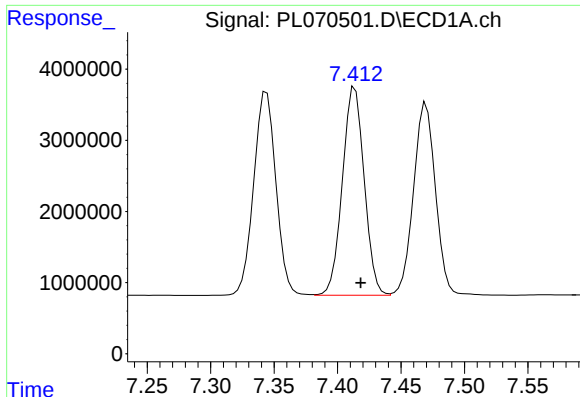
#10 gamma-Chlordane

R.T.: 7.344 min  
Delta R.T.: -0.004 min  
Response: 34953866  
Conc: 48.26 ng/ml



#10 gamma-Chlordane

R.T.: 8.300 min  
Delta R.T.: -0.002 min  
Response: 74930774  
Conc: 46.85 ng/ml



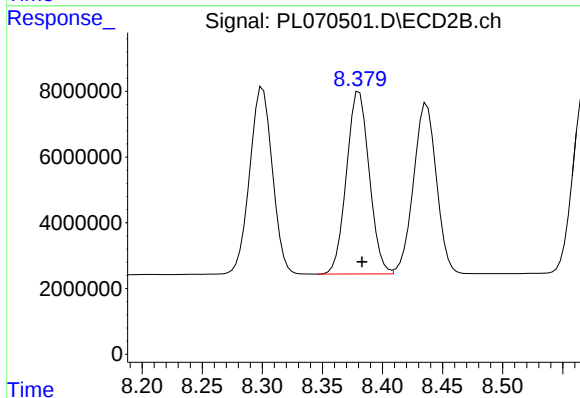
#11 alpha-Chlordane

R.T.: 7.414 min  
Delta R.T.: -0.005 min  
Response: 34979984  
Conc: 48.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

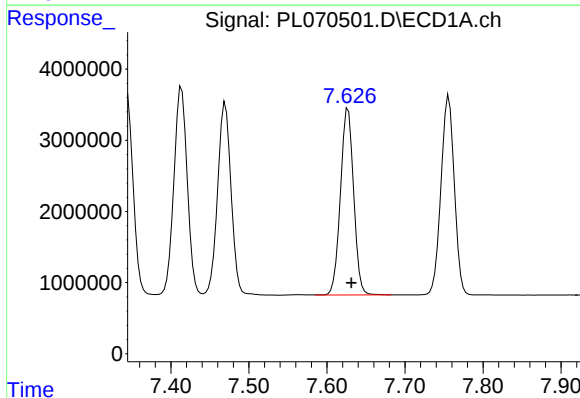
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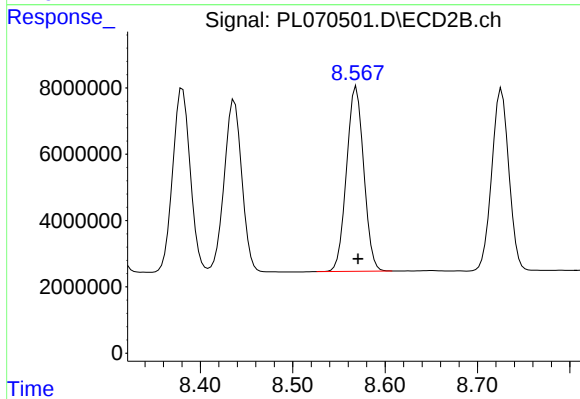
#11 alpha-Chlordane

R.T.: 8.381 min  
Delta R.T.: -0.002 min  
Response: 73339958  
Conc: 46.50 ng/ml



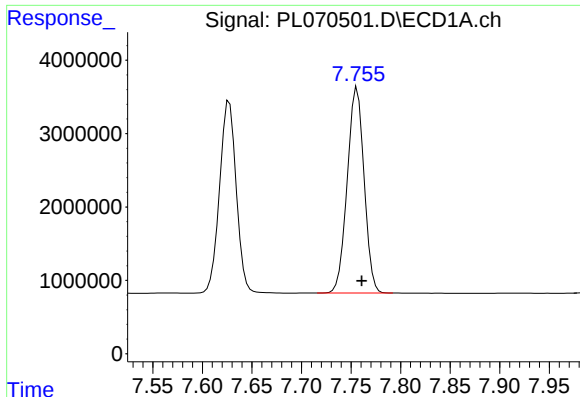
#12 4,4'-DDE

R.T.: 7.627 min  
Delta R.T.: -0.004 min  
Response: 30787919  
Conc: 48.37 ng/ml



#12 4,4'-DDE

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 72094914  
Conc: 46.55 ng/ml



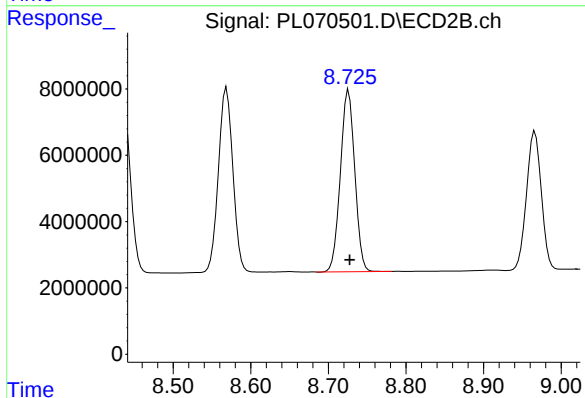
#13 Dieldrin

R.T.: 7.756 min  
Delta R.T.: -0.005 min  
Response: 33182912  
Conc: 48.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

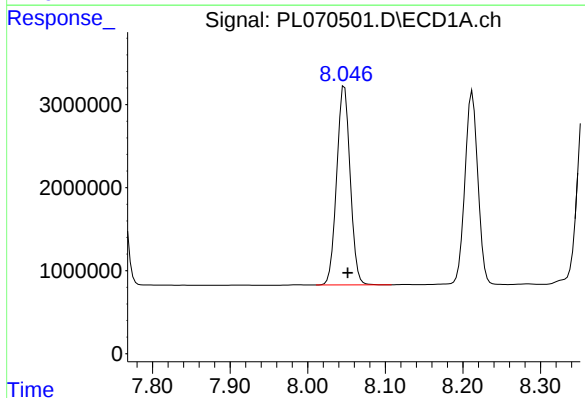
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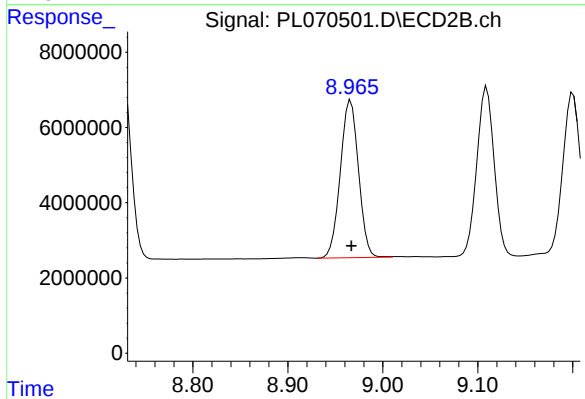
#13 Dieldrin

R.T.: 8.726 min  
Delta R.T.: -0.002 min  
Response: 70693816  
Conc: 46.31 ng/ml



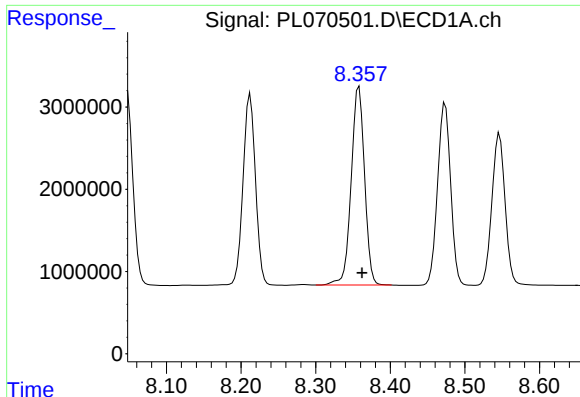
#14 Endrin

R.T.: 8.047 min  
Delta R.T.: -0.004 min  
Response: 28967648  
Conc: 45.84 ng/ml



#14 Endrin

R.T.: 8.966 min  
Delta R.T.: 0.000 min  
Response: 55692862  
Conc: 44.34 ng/ml



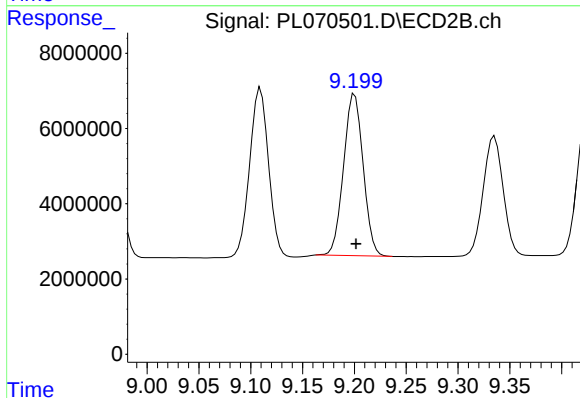
#15 Endosulfan II

R.T.: 8.358 min  
Delta R.T.: -0.004 min  
Response: 30059246  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

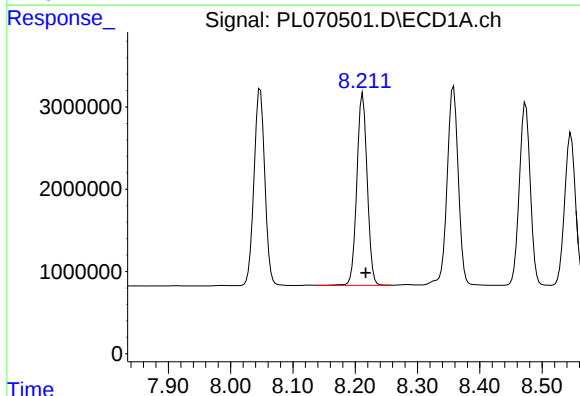
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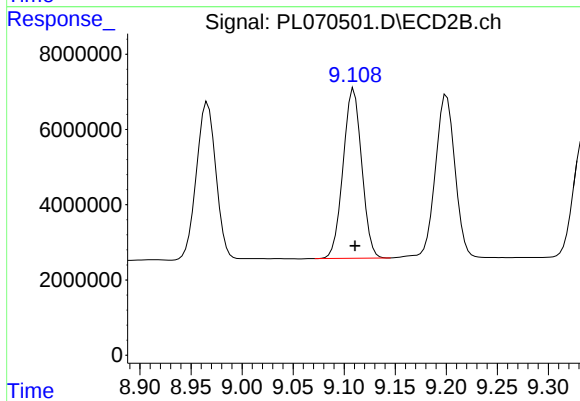
#15 Endosulfan II

R.T.: 9.200 min  
Delta R.T.: -0.001 min  
Response: 56506629  
Conc: 47.29 ng/ml



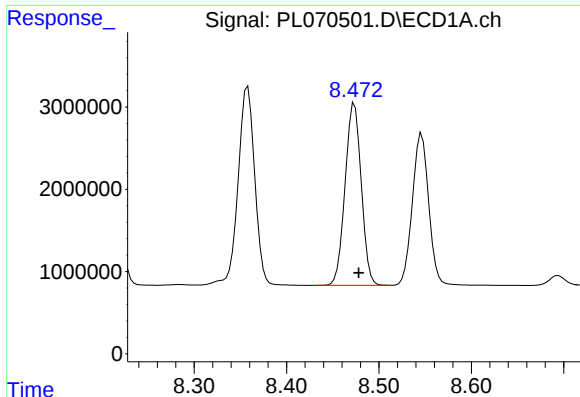
#16 4,4'-DDD

R.T.: 8.212 min  
Delta R.T.: -0.005 min  
Response: 27136945  
Conc: 48.39 ng/ml



#16 4,4'-DDD

R.T.: 9.110 min  
Delta R.T.: 0.000 min  
Response: 57171450  
Conc: 48.40 ng/ml



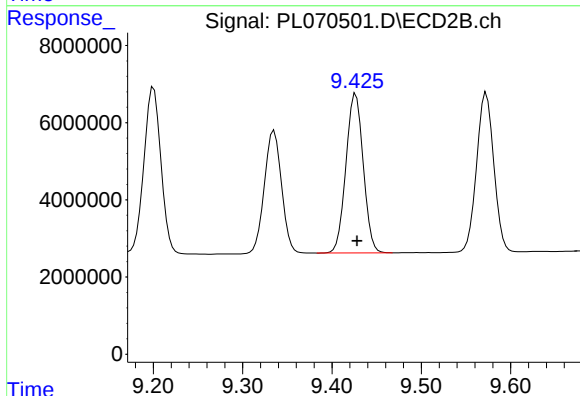
#17 4,4'-DDT

R.T.: 8.474 min  
Delta R.T.: -0.005 min  
Response: 26931432  
Conc: 44.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

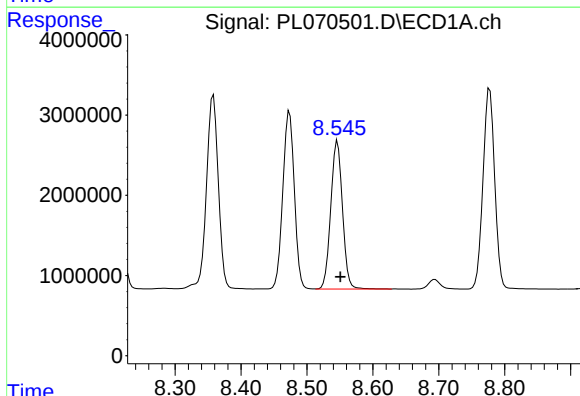
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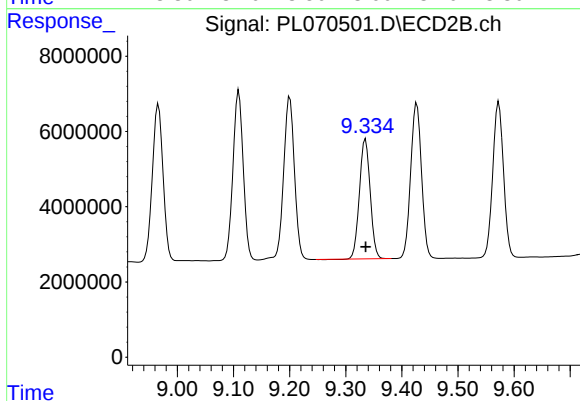
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: -0.001 min  
Response: 55582497  
Conc: 42.53 ng/ml



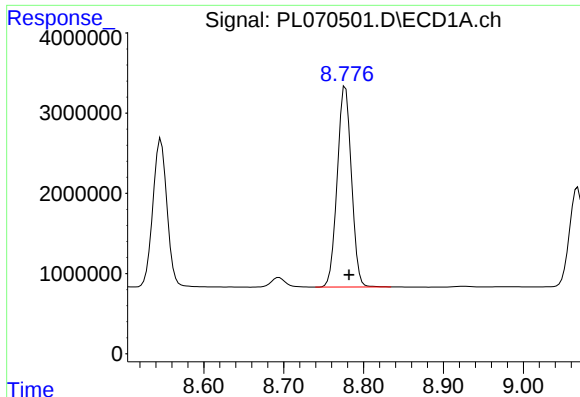
#18 Endrin aldehyde

R.T.: 8.546 min  
Delta R.T.: -0.004 min  
Response: 22764145  
Conc: 45.95 ng/ml



#18 Endrin aldehyde

R.T.: 9.335 min  
Delta R.T.: 0.000 min  
Response: 42544083  
Conc: 44.11 ng/ml



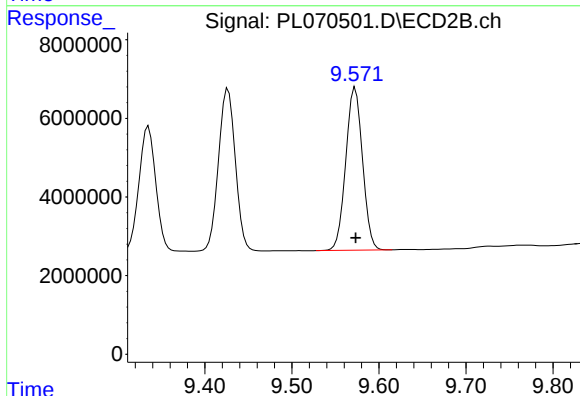
#19 Endosulfan Sulfate

R.T.: 8.777 min  
Delta R.T.: -0.005 min  
Response: 30856951  
Conc: 46.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

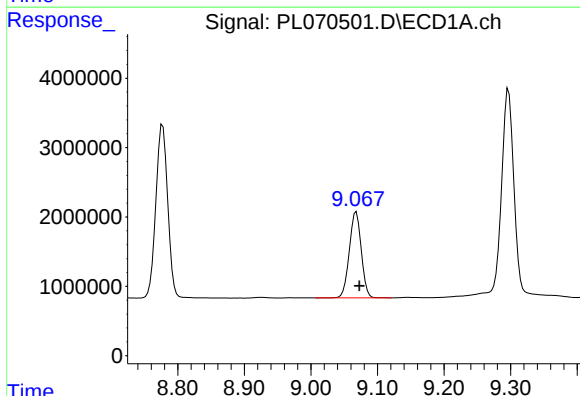
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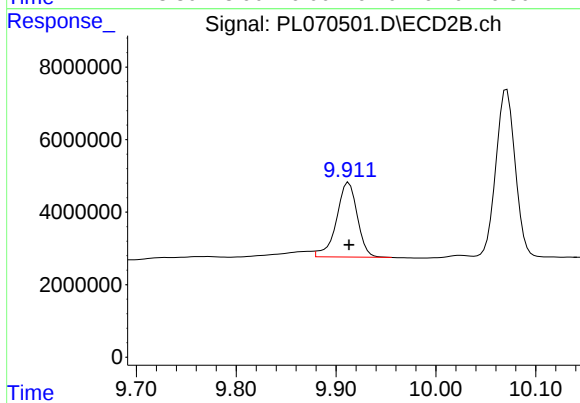
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 55389178  
Conc: 45.26 ng/ml



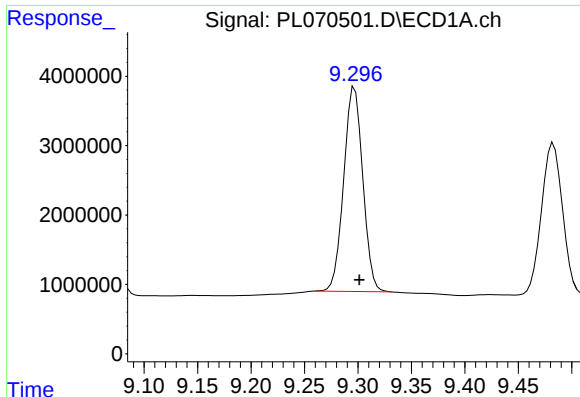
#20 Methoxychlor

R.T.: 9.068 min  
Delta R.T.: -0.005 min  
Response: 15501896  
Conc: 41.52 ng/ml



#20 Methoxychlor

R.T.: 9.911 min  
Delta R.T.: -0.002 min  
Response: 29775741  
Conc: 46.01 ng/ml m



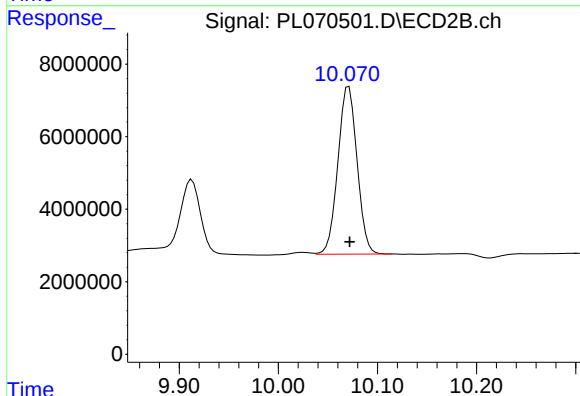
#21 Endrin ketone

R.T.: 9.297 min  
Delta R.T.: -0.004 min  
Response: 36634110  
Conc: 47.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

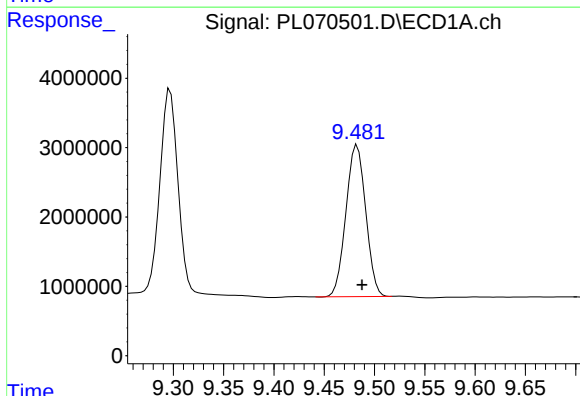
Manual Integrations  
APPROVED

mohammad  
10/26/2021 9:31:51 AM



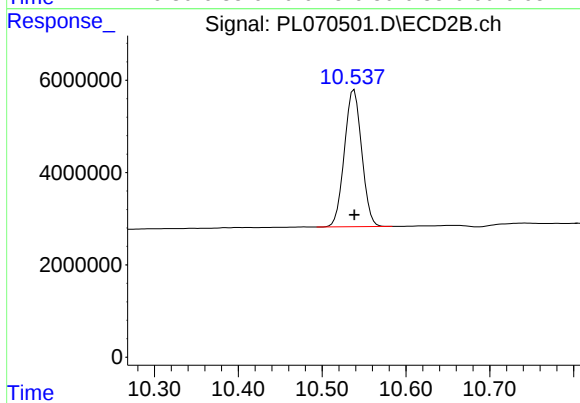
#21 Endrin ketone

R.T.: 10.071 min  
Delta R.T.: 0.000 min  
Response: 62117732  
Conc: 46.44 ng/ml



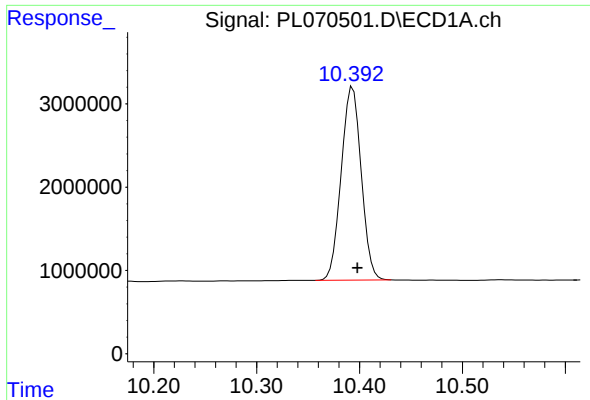
#22 Mirex

R.T.: 9.483 min  
Delta R.T.: -0.005 min  
Response: 29853900  
Conc: 45.26 ng/ml



#22 Mirex

R.T.: 10.538 min  
Delta R.T.: 0.000 min  
Response: 42626953  
Conc: 43.27 ng/ml



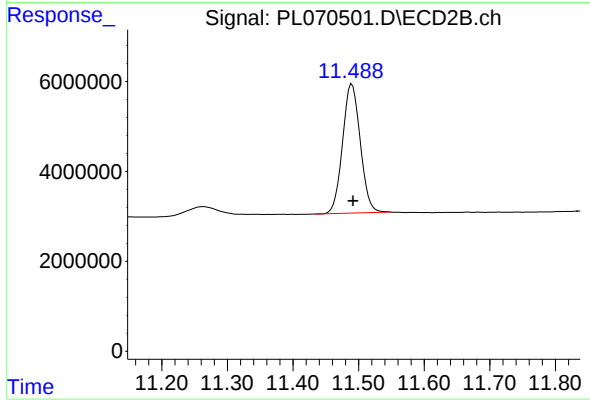
#28 Decachlorobiphenyl

R.T.: 10.393 min  
Delta R.T.: -0.005 min  
Response: 31427718  
Conc: 45.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.490 min  
Delta R.T.: -0.002 min  
Response: 53968285  
Conc: 44.60 ng/ml