

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071024\  
 Data File : PL090464.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2024 13:07  
 Operator : AR\AJ  
 Sample : PB161987BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB161987BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/11/2024  
 Supervised By :Ankita Jodhani 07/11/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 01:28:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 25 11:05:38 2024  
 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... | 3.547 | 2.791 | 53982168 | 39811406 | 23.785m | 25.169  |
| 2)                          | SA Decachlor... | 9.061 | 7.932 | 37617812 | 36326164 | 24.392  | 24.352m |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.003 | 3.294 | 142.7E6  | 114.3E6  | 45.491  | 51.121  |
| 3)                          | MA gamma-BHC... | 4.336 | 3.625 | 139.8E6  | 113.2E6  | 46.519  | 52.967  |
| 4)                          | MA Heptachlor   | 4.923 | 3.965 | 126.2E6  | 106.3E6  | 45.425m | 51.122  |
| 5)                          | MB Aldrin       | 5.266 | 4.244 | 124.8E6  | 106.0E6  | 45.602m | 53.578m |
| 6)                          | B beta-BHC      | 4.531 | 3.922 | 63488690 | 48318234 | 47.134  | 50.051  |
| 7)                          | B delta-BHC     | 4.779 | 4.153 | 126.4E6  | 101.1E6  | 44.800  | 49.836  |
| 8)                          | B Heptachlo...  | 5.692 | 4.748 | 123.3E6  | 96779596 | 48.340  | 52.679  |
| 9)                          | A Endosulfan I  | 6.076 | 5.118 | 107.1E6  | 89015255 | 45.499m | 51.445  |
| 10)                         | B gamma-Chl...  | 5.946 | 4.998 | 114.2E6  | 99273942 | 45.182m | 51.798  |
| 11)                         | B alpha-Chl...  | 6.025 | 5.061 | 115.0E6  | 97917507 | 46.111m | 51.124m |
| 12)                         | B 4,4'-DDE      | 6.199 | 5.251 | 103.9E6  | 90225177 | 47.600  | 54.465  |
| 13)                         | MA Dieldrin     | 6.352 | 5.383 | 113.9E6  | 98372412 | 46.592  | 53.335  |
| 14)                         | MA Endrin       | 6.581 | 5.657 | 98881905 | 87082902 | 46.636  | 52.664m |
| 15)                         | B Endosulfa...  | 6.798 | 5.952 | 102.8E6  | 85990166 | 46.474m | 52.409  |
| 16)                         | A 4,4'-DDD      | 6.714 | 5.805 | 87823223 | 74149823 | 47.936m | 54.099  |
| 17)                         | MA 4,4'-DDT     | 7.030 | 6.056 | 93217361 | 79791961 | 48.578  | 53.909  |
| 18)                         | B Endrin al...  | 6.930 | 6.131 | 81494557 | 69666933 | 48.267  | 54.706  |
| 19)                         | B Endosulfa...  | 7.164 | 6.354 | 94403106 | 82450906 | 47.661  | 52.727  |
| 20)                         | A Methoxychlor  | 7.504 | 6.629 | 50869382 | 44426744 | 49.362  | 53.252m |
| 21)                         | B Endrin ke...  | 7.648 | 6.859 | 106.4E6  | 95895464 | 49.049  | 53.558  |
| 22)                         | Mirex           | 8.122 | 7.040 | 79052090 | 75531732 | 45.466  | 49.460m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071024\  
Data File : PL090464.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Jul 2024 13:07  
Operator : AR\AJ  
Sample : PB161987BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB161987BS

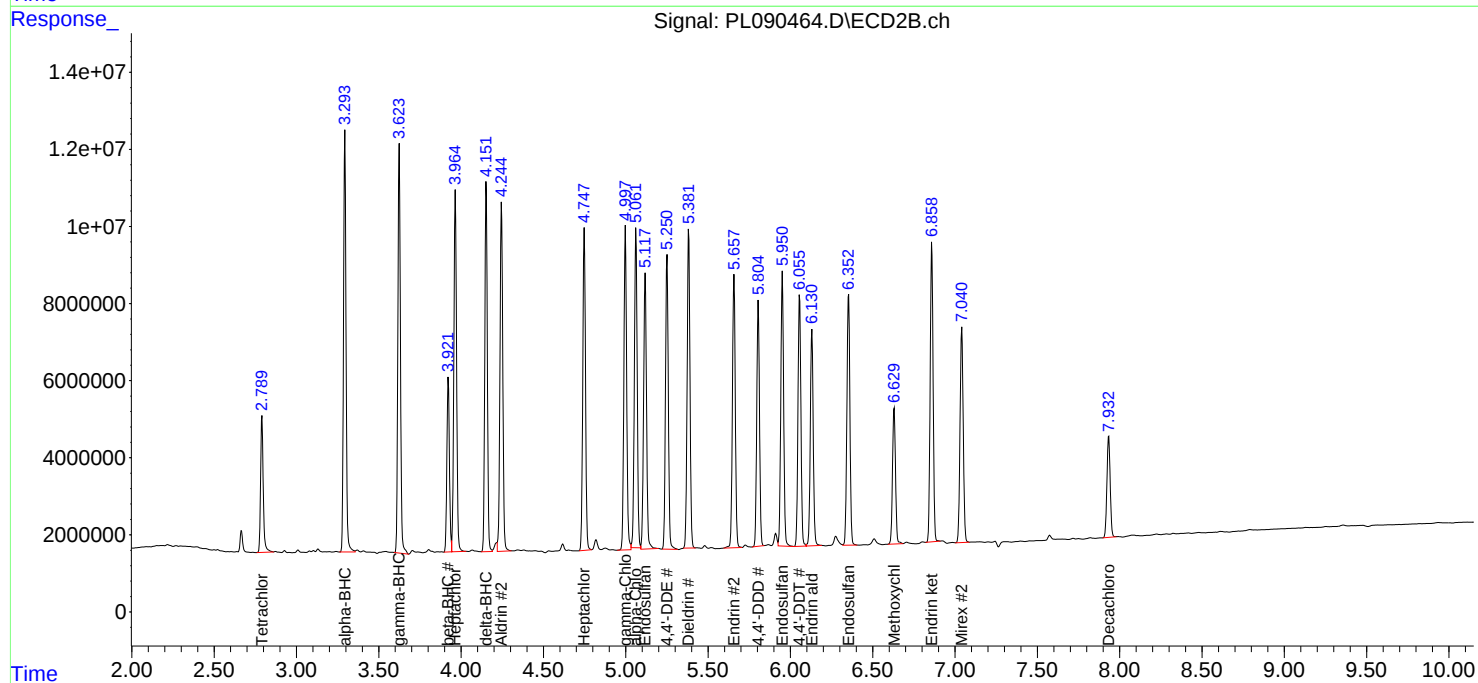
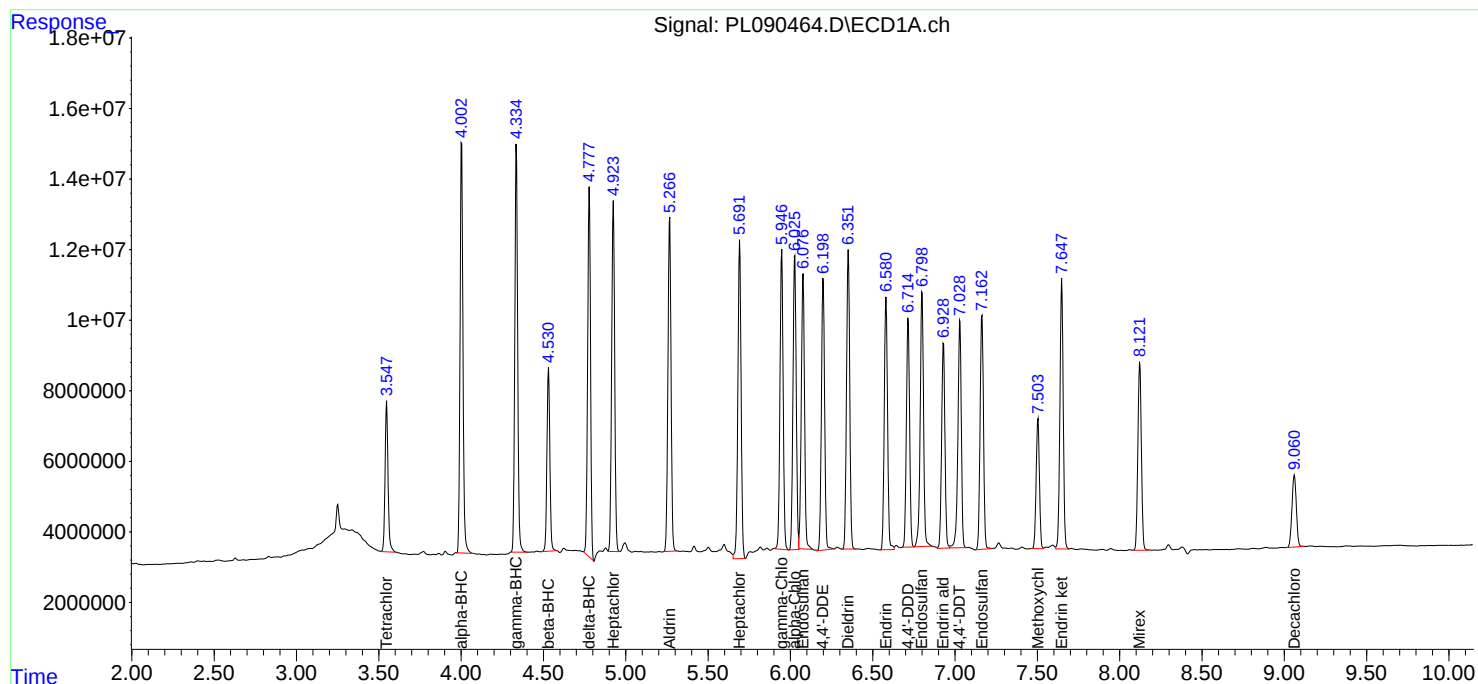
## Manual Integrations

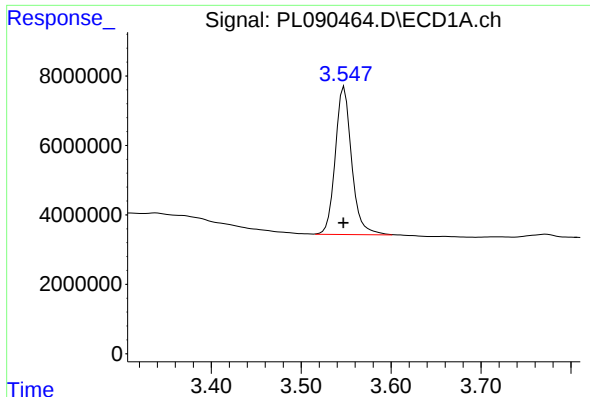
## APPROVED

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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 01:28:04 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 25 11:05:38 2024  
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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





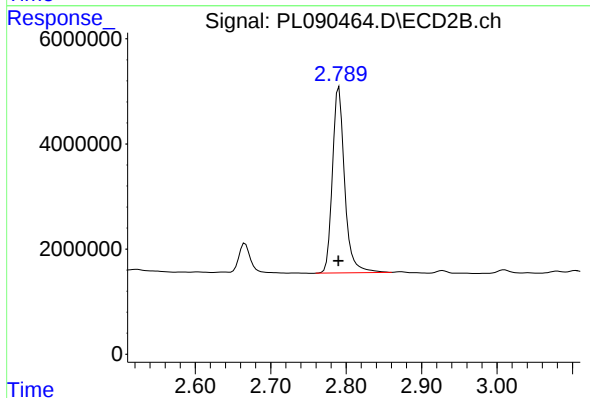
#1 Tetrachloro-m-xylene

R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 53982168  
Conc: 23.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

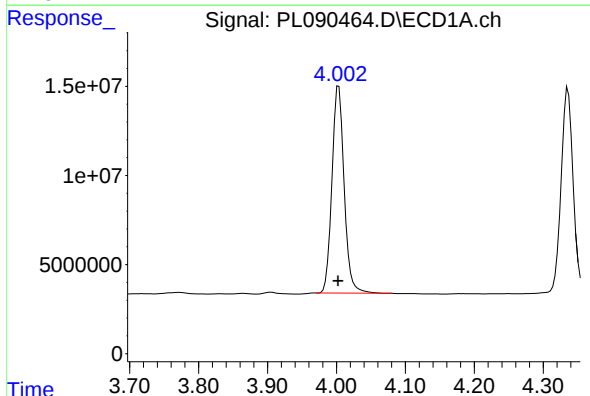
Manual Integrations  
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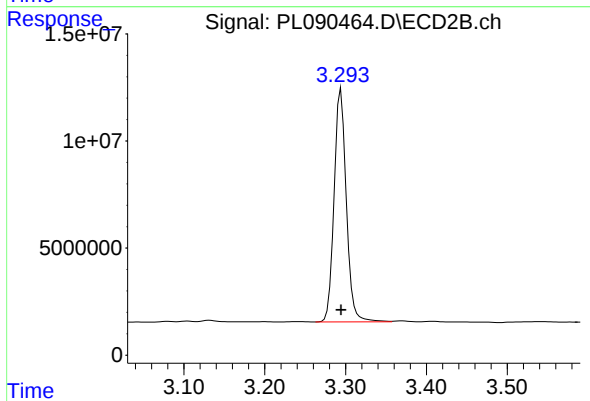
#1 Tetrachloro-m-xylene

R.T.: 2.791 min  
Delta R.T.: 0.000 min  
Response: 39811406  
Conc: 25.17 ng/ml



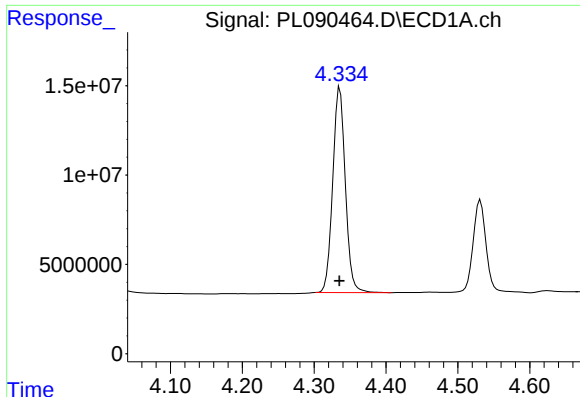
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 142683483  
Conc: 45.49 ng/ml



#2 alpha-BHC

R.T.: 3.294 min  
Delta R.T.: 0.000 min  
Response: 114282155  
Conc: 51.12 ng/ml



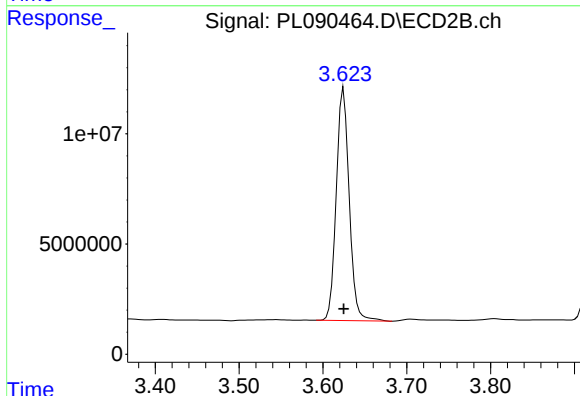
#3 gamma-BHC (Lindane)

R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 139836455  
Conc: 46.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

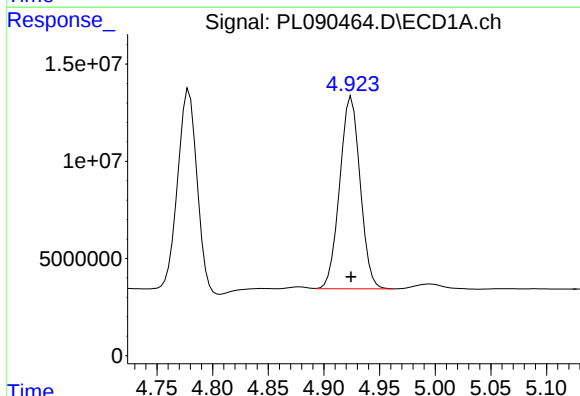
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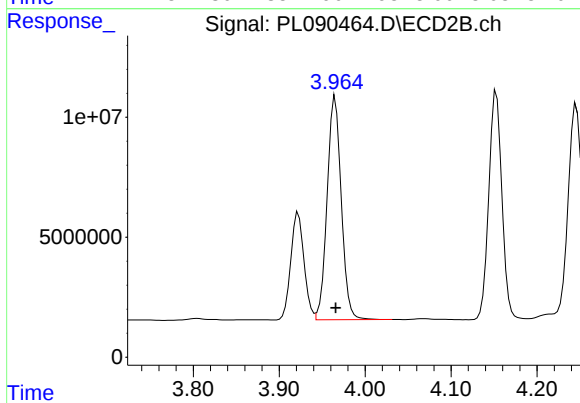
#3 gamma-BHC (Lindane)

R.T.: 3.625 min  
Delta R.T.: 0.000 min  
Response: 113241535  
Conc: 52.97 ng/ml



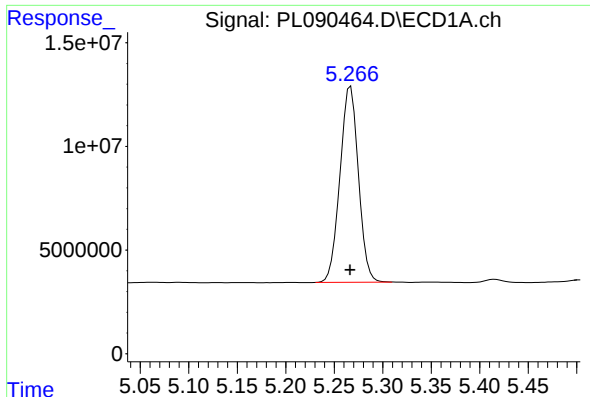
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: -0.001 min  
Response: 126240354  
Conc: 45.43 ng/ml m



#4 Heptachlor

R.T.: 3.965 min  
Delta R.T.: 0.000 min  
Response: 106276480  
Conc: 51.12 ng/ml



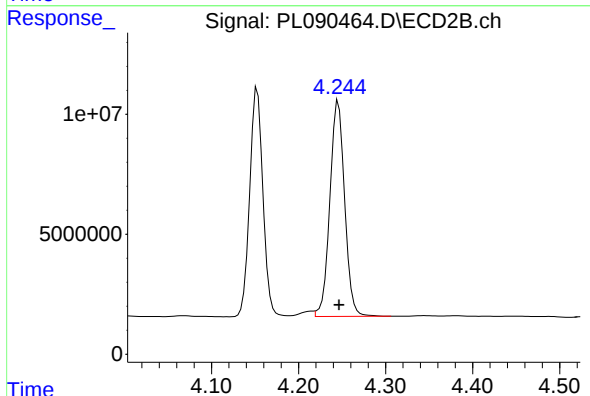
#5 Aldrin

R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 124835388  
Conc: 45.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

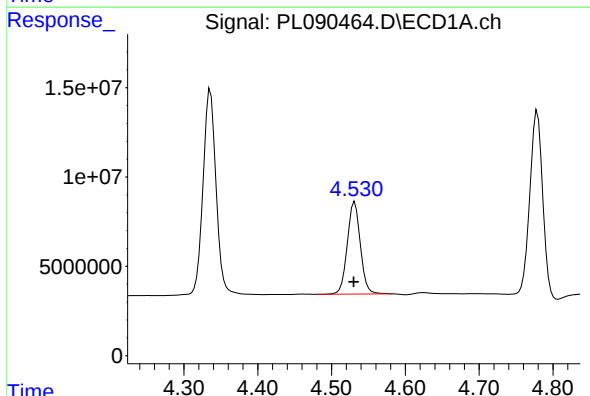
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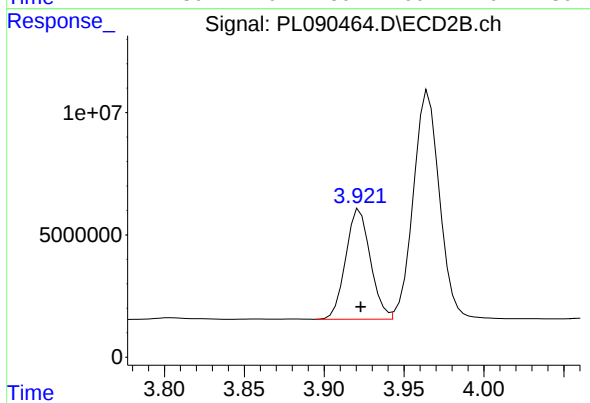
#5 Aldrin

R.T.: 4.244 min  
Delta R.T.: -0.002 min  
Response: 105998751  
Conc: 53.58 ng/ml m



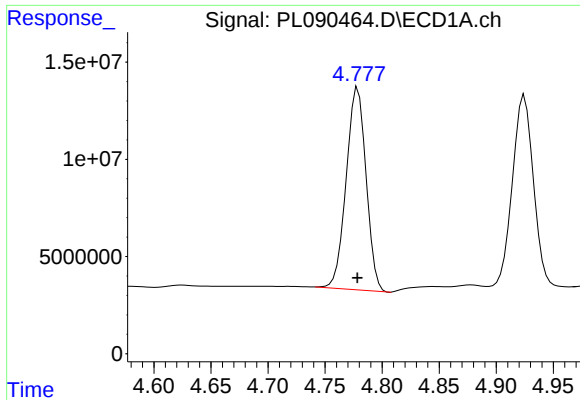
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.001 min  
Response: 63488690  
Conc: 47.13 ng/ml



#6 beta-BHC

R.T.: 3.922 min  
Delta R.T.: 0.000 min  
Response: 48318234  
Conc: 50.05 ng/ml



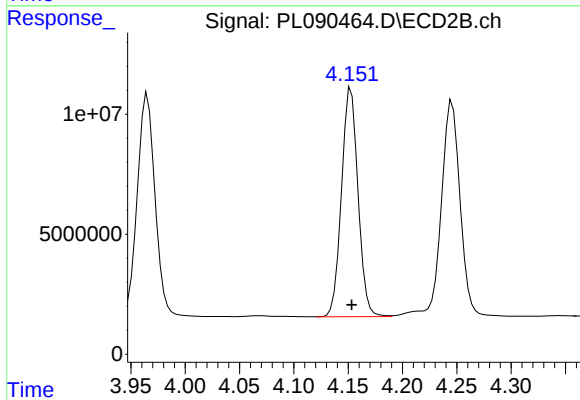
#7 delta-BHC

R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 126354133  
Conc: 44.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

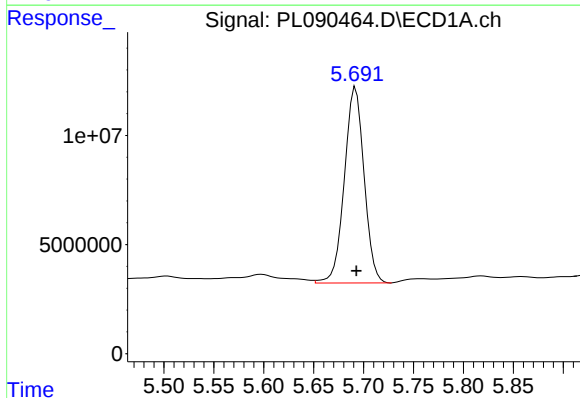
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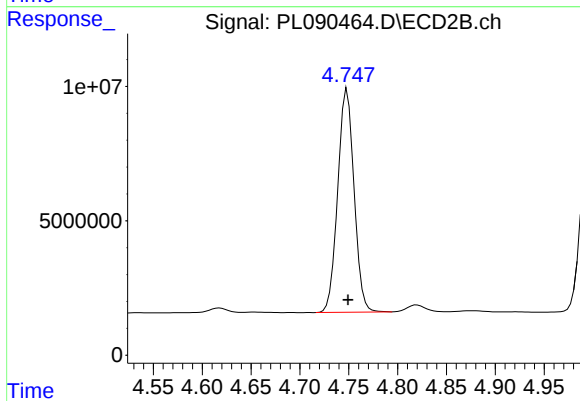
#7 delta-BHC

R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 101105914  
Conc: 49.84 ng/ml



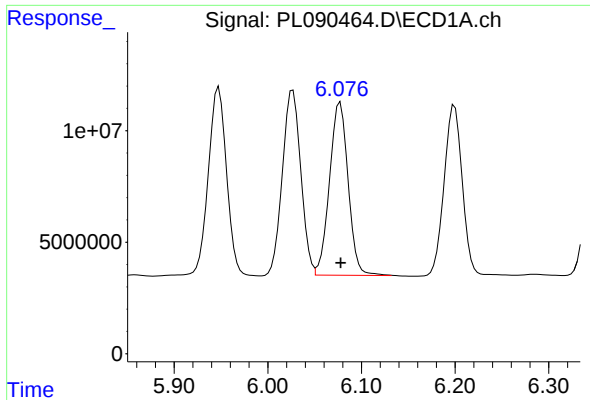
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 123273829  
Conc: 48.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min  
Delta R.T.: 0.000 min  
Response: 96779596  
Conc: 52.68 ng/ml



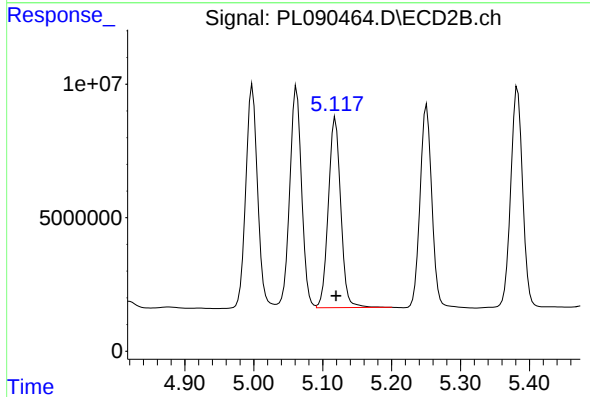
#9 Endosulfan I

R.T.: 6.076 min  
Delta R.T.: -0.002 min  
Response: 107141866  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

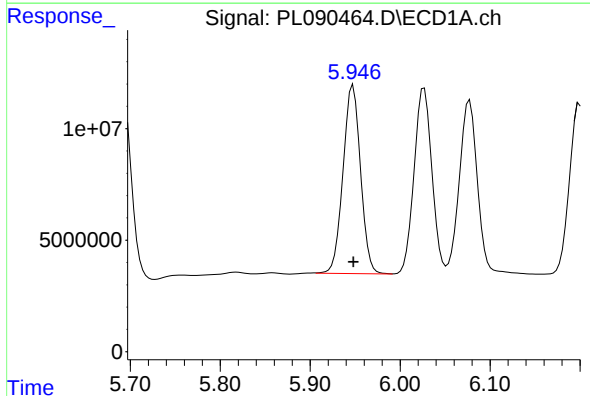
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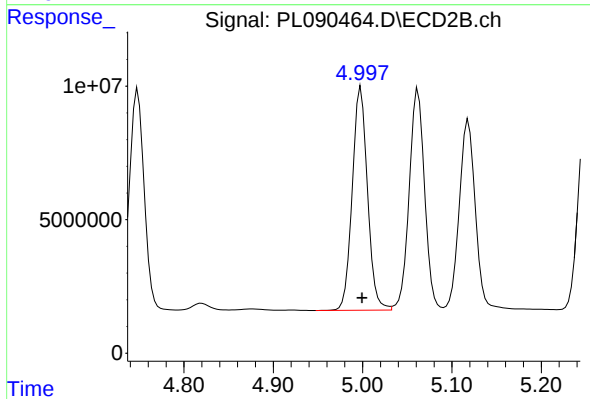
#9 Endosulfan I

R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 89015255  
Conc: 51.44 ng/ml



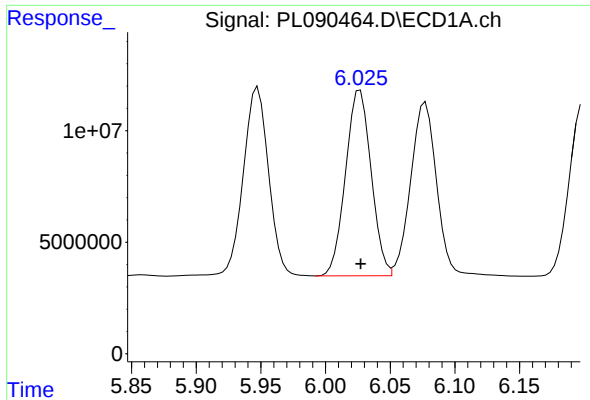
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 114167156  
Conc: 45.18 ng/ml m



#10 gamma-Chlordane

R.T.: 4.998 min  
Delta R.T.: -0.001 min  
Response: 99273942  
Conc: 51.80 ng/ml



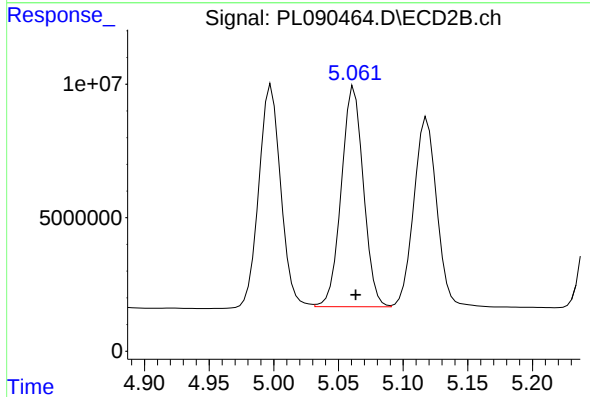
#11 alpha-Chlordane

R.T.: 6.025 min  
Delta R.T.: -0.002 min  
Response: 115017356  
Conc: 46.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

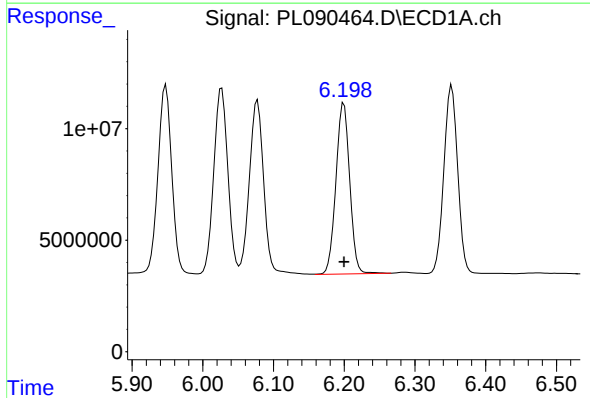
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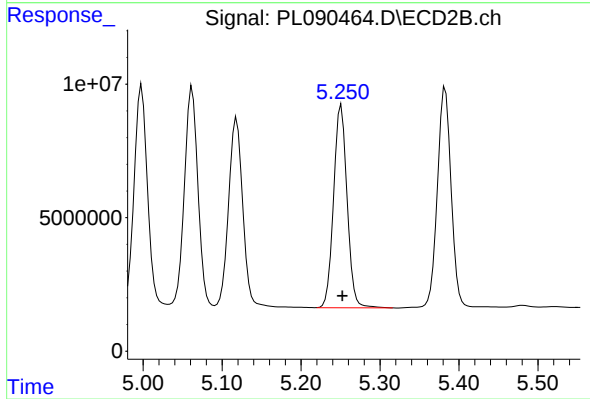
#11 alpha-Chlordane

R.T.: 5.061 min  
Delta R.T.: -0.003 min  
Response: 97917507  
Conc: 51.12 ng/ml m



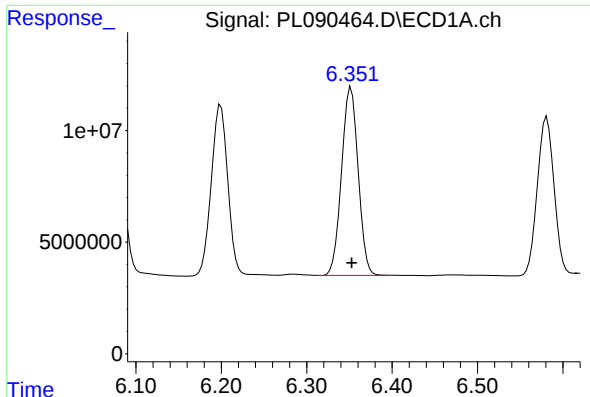
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 103910054  
Conc: 47.60 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min  
Delta R.T.: -0.002 min  
Response: 90225177  
Conc: 54.47 ng/ml



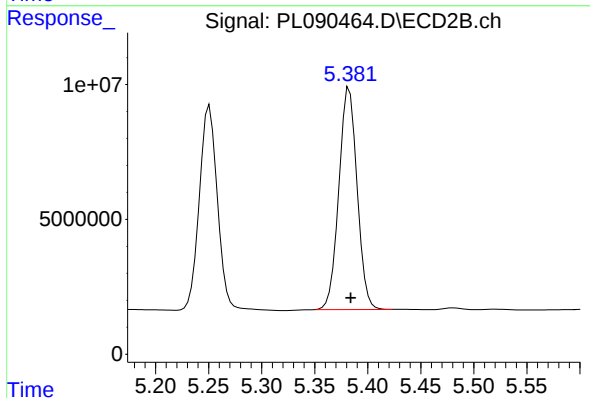
#13 Dieldrin

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 113912803  
Conc: 46.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

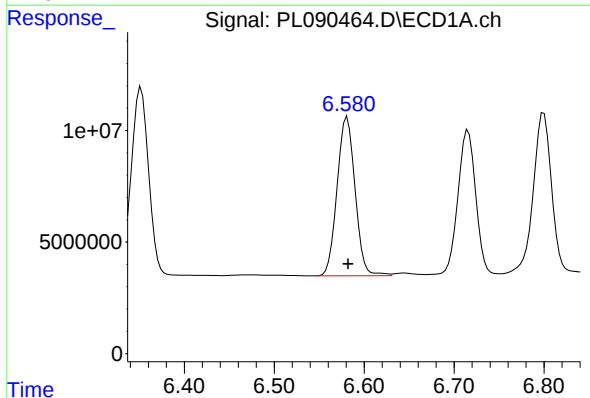
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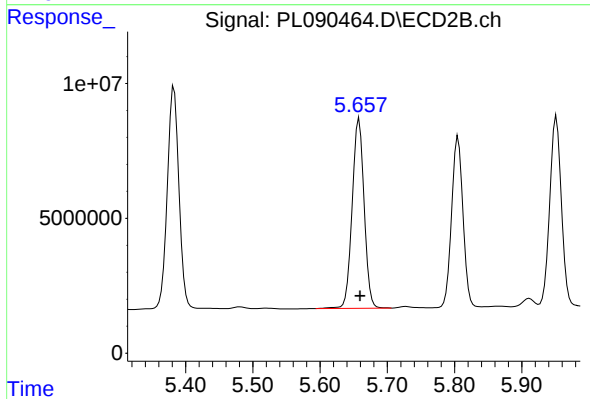
#13 Dieldrin

R.T.: 5.383 min  
Delta R.T.: -0.001 min  
Response: 98372412  
Conc: 53.33 ng/ml



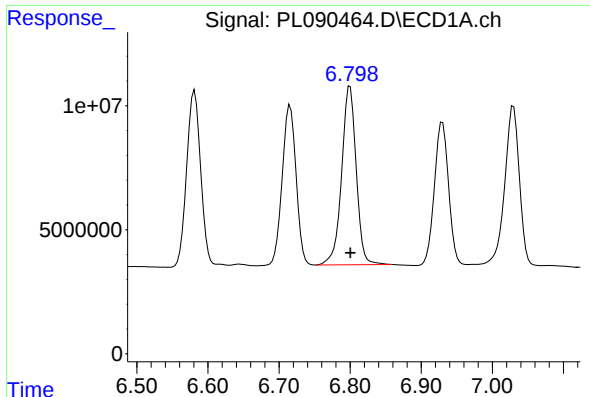
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: 0.000 min  
Response: 98881905  
Conc: 46.64 ng/ml



#14 Endrin

R.T.: 5.657 min  
Delta R.T.: -0.003 min  
Response: 87082902  
Conc: 52.66 ng/ml m



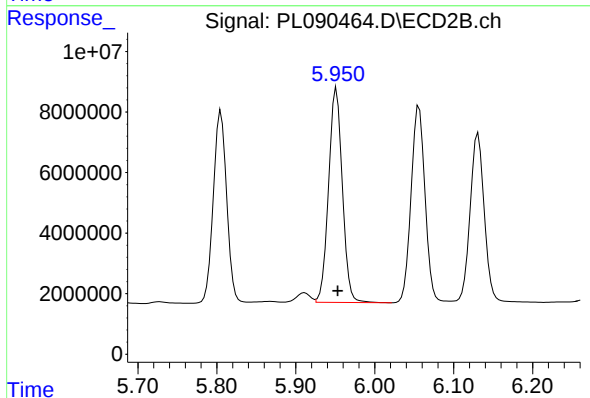
#15 Endosulfan II

R.T.: 6.798 min  
Delta R.T.: -0.002 min  
Response: 102759157  
Conc: 46.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

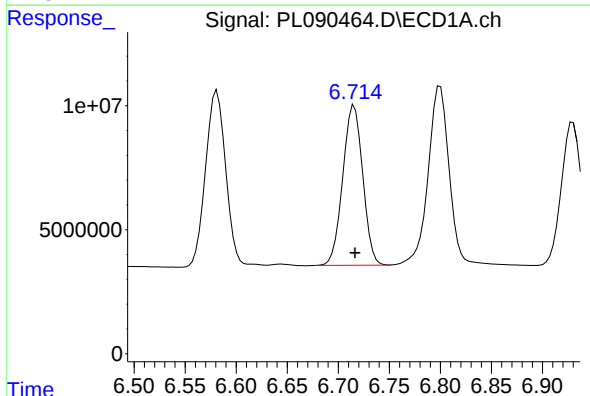
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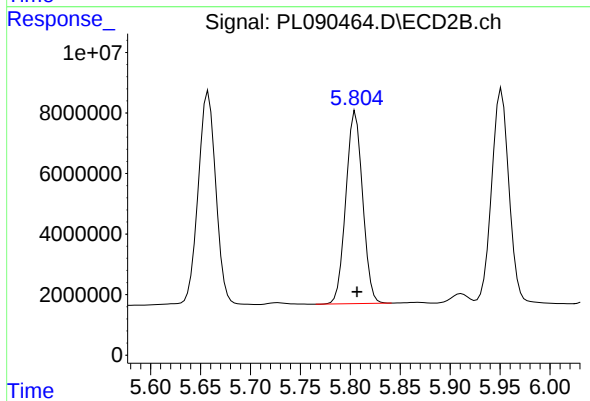
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: -0.002 min  
Response: 85990166  
Conc: 52.41 ng/ml



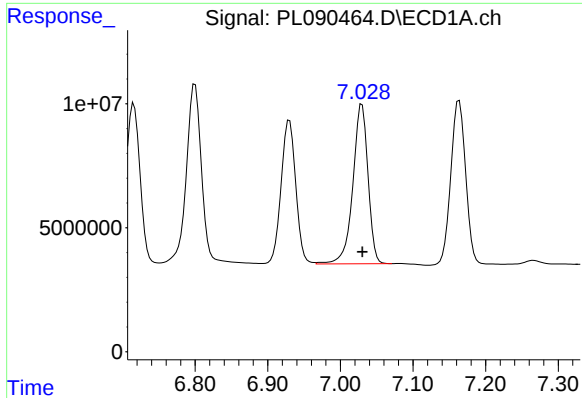
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: -0.002 min  
Response: 87823223  
Conc: 47.94 ng/ml m



#16 4,4'-DDD

R.T.: 5.805 min  
Delta R.T.: -0.002 min  
Response: 74149823  
Conc: 54.10 ng/ml



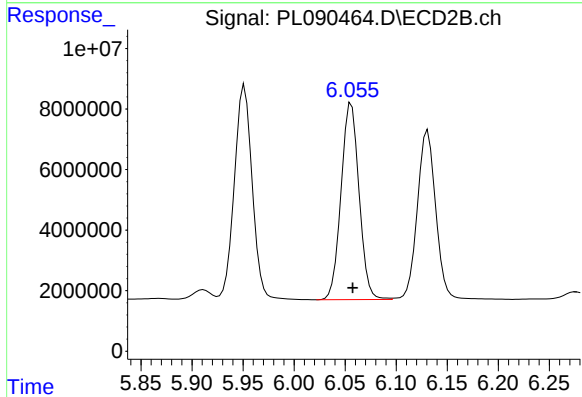
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: 0.000 min  
Response: 93217361  
Conc: 48.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

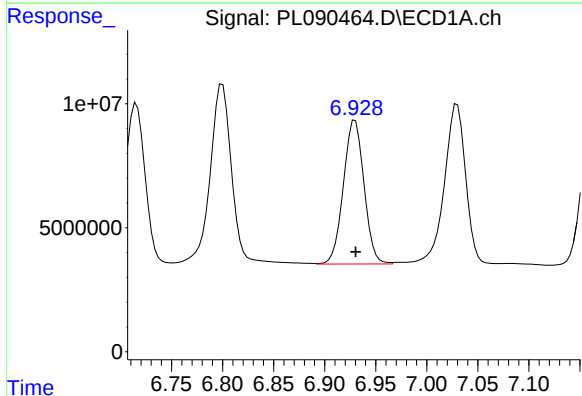
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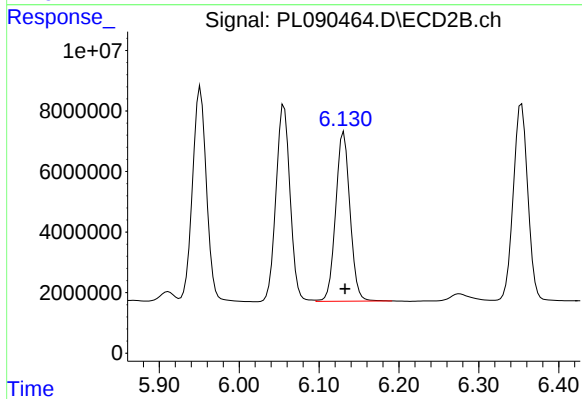
#17 4,4'-DDT

R.T.: 6.056 min  
Delta R.T.: -0.001 min  
Response: 79791961  
Conc: 53.91 ng/ml



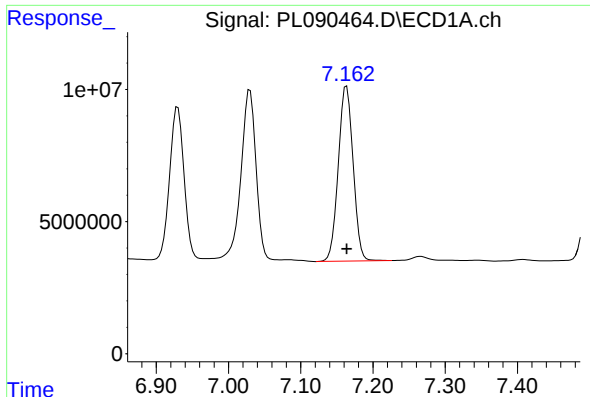
#18 Endrin aldehyde

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 81494557  
Conc: 48.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min  
Delta R.T.: -0.002 min  
Response: 69666933  
Conc: 54.71 ng/ml



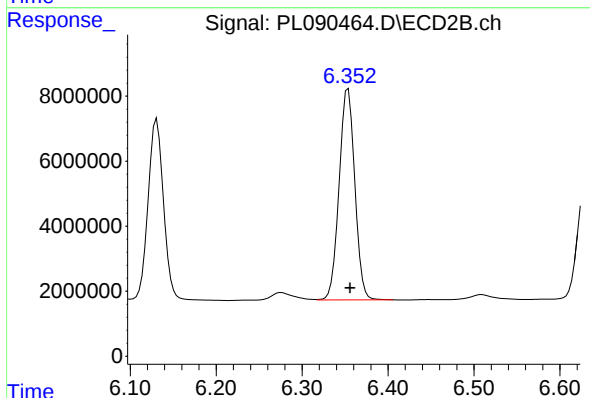
#19 Endosulfan Sulfate

R.T.: 7.164 min  
Delta R.T.: 0.000 min  
Response: 94403106  
Conc: 47.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

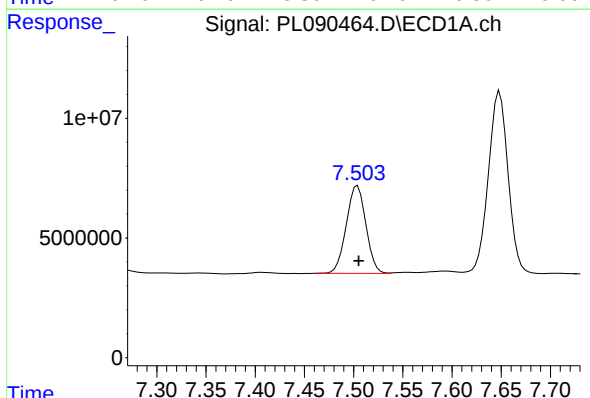
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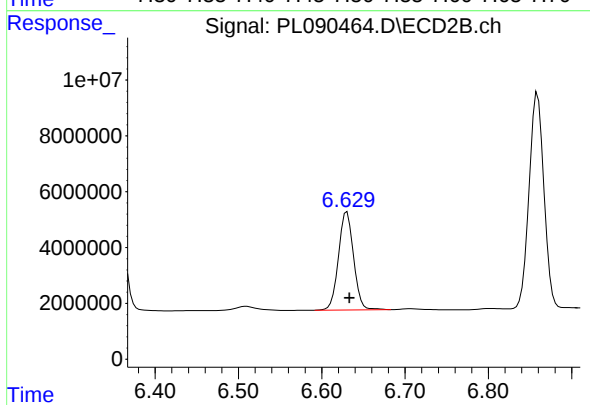
#19 Endosulfan Sulfate

R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 82450906  
Conc: 52.73 ng/ml



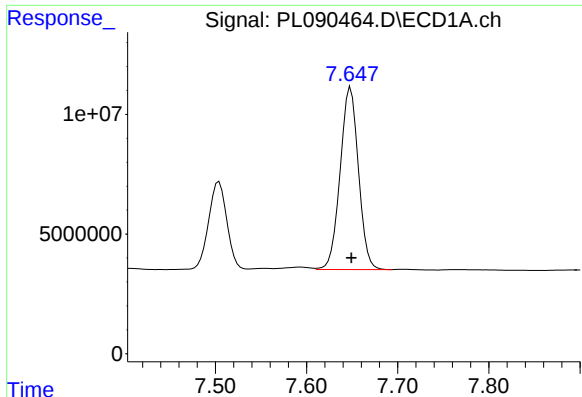
#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: -0.001 min  
Response: 50869382  
Conc: 49.36 ng/ml



#20 Methoxychlor

R.T.: 6.629 min  
Delta R.T.: -0.004 min  
Response: 44426744  
Conc: 53.25 ng/ml m



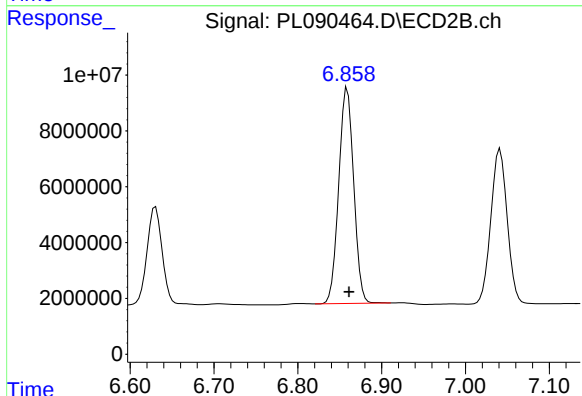
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 106391551  
Conc: 49.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

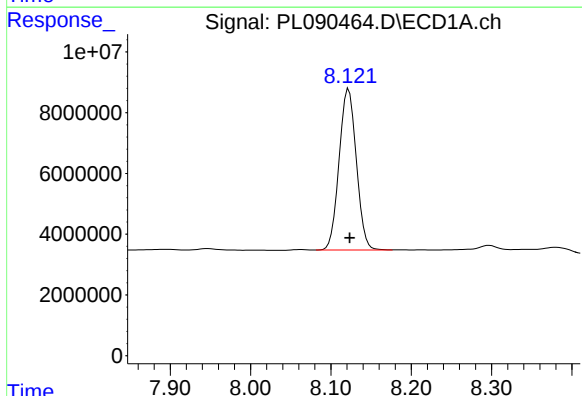
Manual Integrations  
APPROVED

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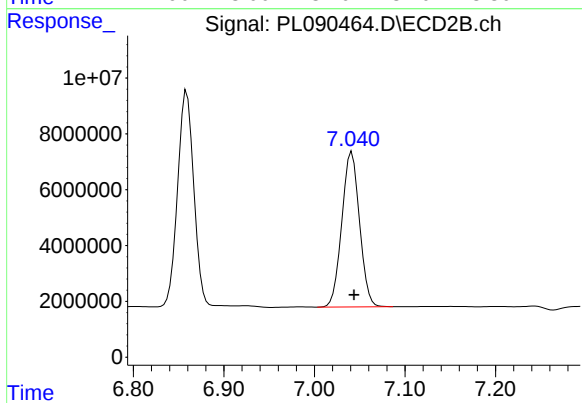
#21 Endrin ketone

R.T.: 6.859 min  
Delta R.T.: -0.002 min  
Response: 95895464  
Conc: 53.56 ng/ml



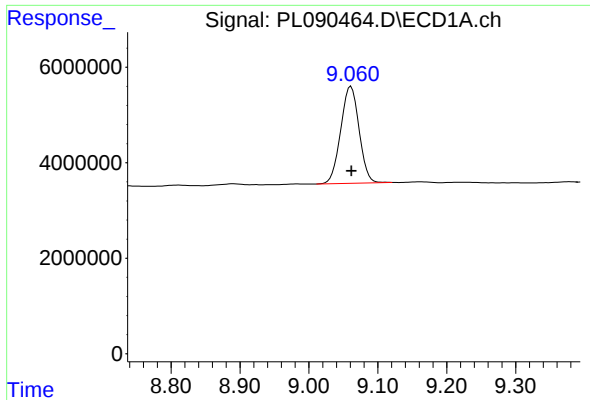
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: -0.001 min  
Response: 79052090  
Conc: 45.47 ng/ml



#22 Mirex

R.T.: 7.040 min  
Delta R.T.: -0.004 min  
Response: 75531732  
Conc: 49.46 ng/ml m



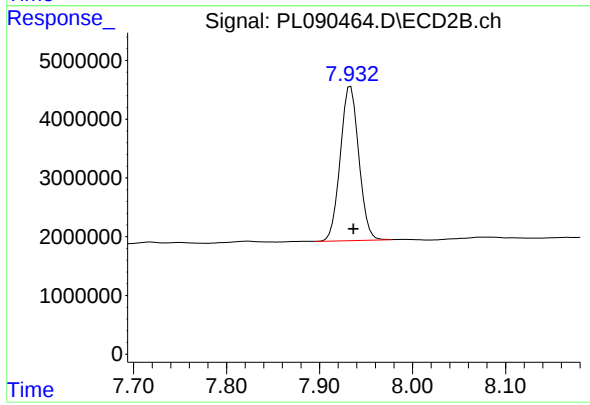
#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.000 min  
Response: 37617812  
Conc: 24.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB161987BS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: -0.005 min  
Response: 36326164  
Conc: 24.35 ng/ml m