

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110624\  
 Data File : PL092882.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Nov 2024 16:10  
 Operator : AR\AJ  
 Sample : P4707-01MSD 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HD-02-110424MSD

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 07 00:11:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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...          | 3.539 | 2.778 | 12004569 | 10132889 | 4.899m  | 3.724   |
| 28) SA Decachlor...         | 9.057 | 7.917 | 7670876  | 9645732  | 3.986   | 3.534   |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.997 | 3.280 | 34382443 | 35656139 | 10.138  | 8.936   |
| 3) MA gamma-BHC...          | 4.330 | 3.611 | 33544851 | 35291758 | 10.291  | 9.144   |
| 4) MA Heptachlor            | 4.918 | 3.950 | 35948516 | 41262177 | 11.970  | 10.933  |
| 5) MB Aldrin                | 5.260 | 4.230 | 33447543 | 36975911 | 11.144  | 10.102  |
| 6) B beta-BHC               | 4.528 | 3.910 | 17174540 | 19170610 | 11.882  | 11.645  |
| 7) B delta-BHC              | 4.772 | 4.137 | 11182149 | 8740556  | 3.573m  | 2.274m# |
| 8) B Heptachlo...           | 5.687 | 4.732 | 32510832 | 35392832 | 11.773  | 10.592  |
| 9) A Endosulfan I           | 6.072 | 5.101 | 27458198 | 30976579 | 10.977  | 10.146m |
| 10) B gamma-Chl...          | 5.942 | 4.982 | 32579637 | 38351566 | 12.245  | 11.408  |
| 11) B alpha-Chl...          | 6.021 | 5.046 | 30592786 | 36946958 | 11.553  | 11.108  |
| 12) B 4,4'-DDE              | 6.195 | 5.235 | 26417967 | 35839543 | 11.151  | 11.125  |
| 13) MA Dieldrin             | 6.346 | 5.366 | 29462282 | 38380141 | 11.179m | 11.490  |
| 14) MA Endrin               | 6.577 | 5.642 | 25569332 | 32449181 | 11.231  | 11.216  |
| 15) B Endosulfa...          | 6.796 | 5.937 | 26620866 | 30438804 | 11.167  | 10.743  |
| 16) A 4,4'-DDD              | 6.712 | 5.790 | 22400665 | 24662131 | 11.670  | 9.904   |
| 17) MA 4,4'-DDT             | 7.026 | 6.040 | 23791293 | 27820454 | 11.495  | 10.372  |
| 18) B Endrin al...          | 6.926 | 6.116 | 19765267 | 21536675 | 10.525  | 9.334   |
| 19) B Endosulfa...          | 7.161 | 6.339 | 19937216 | 21994218 | 9.186   | 8.155   |
| 20) A Methoxychlor          | 7.502 | 6.616 | 13149886 | 15377988 | 11.535  | 10.769  |
| 21) B Endrin ke...          | 7.645 | 6.844 | 26410679 | 29087596 | 10.901  | 9.478   |
| 22) Mirex                   | 8.119 | 7.025 | 21473428 | 26591170 | 10.836  | 10.192  |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110624\  
Data File : PL092882.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Nov 2024 16:10  
Operator : AR\AJ  
Sample : P4707-01MSD 5X  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

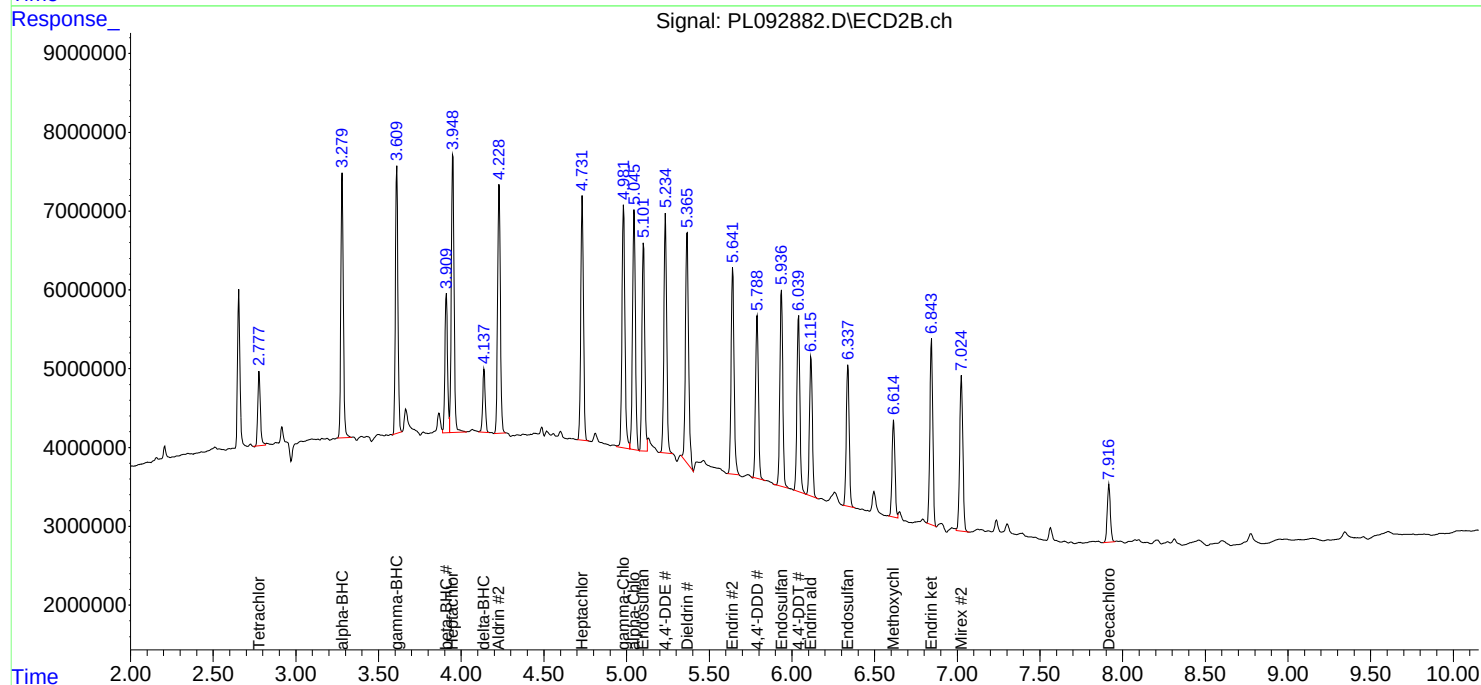
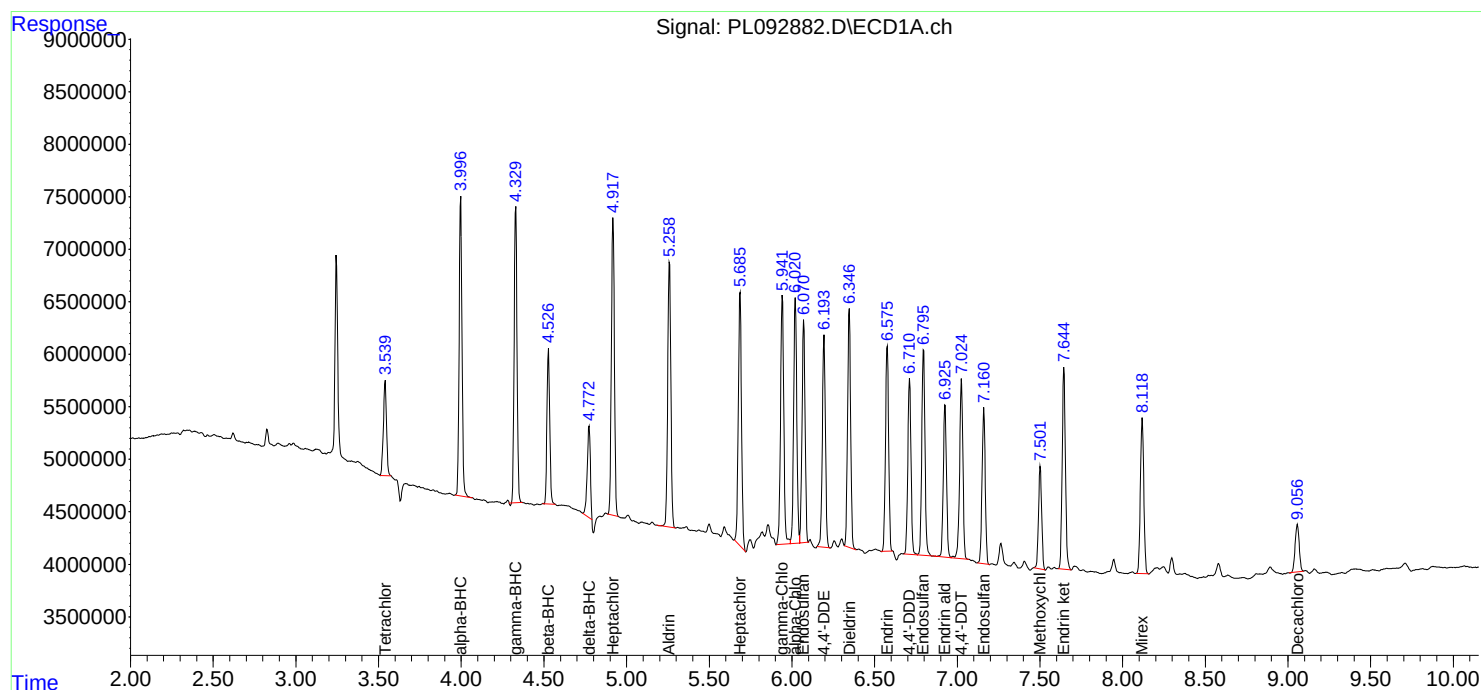
Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-110424MSD

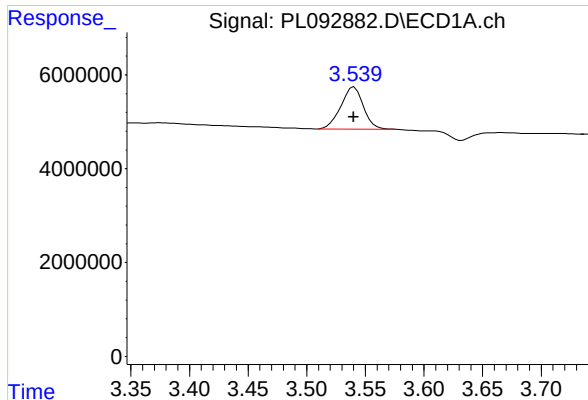
Manual Integrations  
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Supervised By :Ankita Jodhani 11/07/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 07 00:11:15 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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





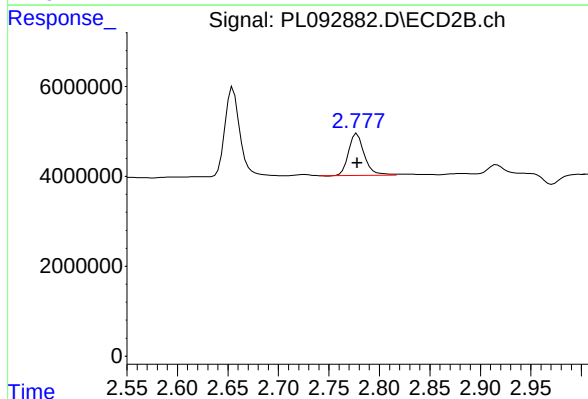
#1 Tetrachloro-m-xylene

R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 12004569  
Conc: 4.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-110424MSD

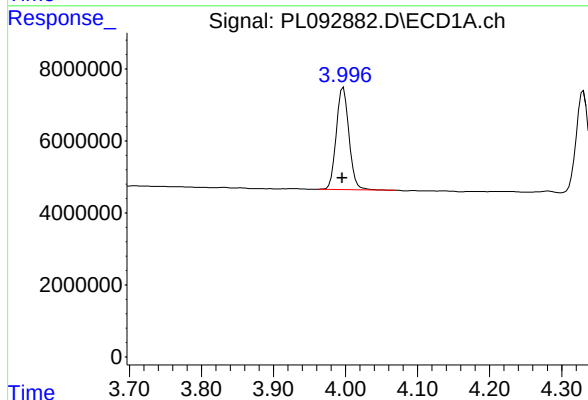
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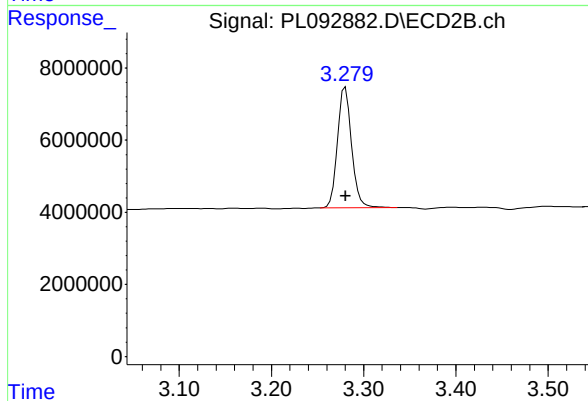
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 10132889  
Conc: 3.72 ng/ml



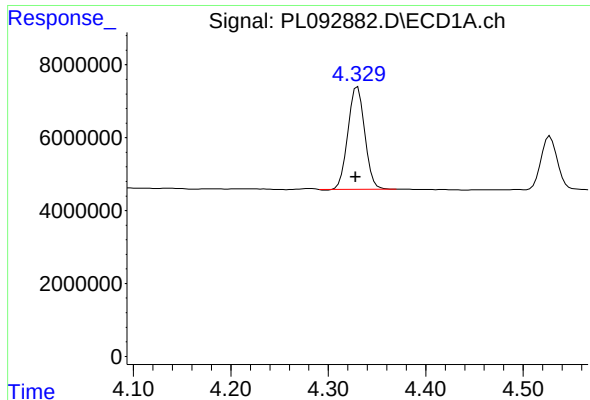
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.001 min  
Response: 34382443  
Conc: 10.14 ng/ml



#2 alpha-BHC

R.T.: 3.280 min  
Delta R.T.: 0.000 min  
Response: 35656139  
Conc: 8.94 ng/ml



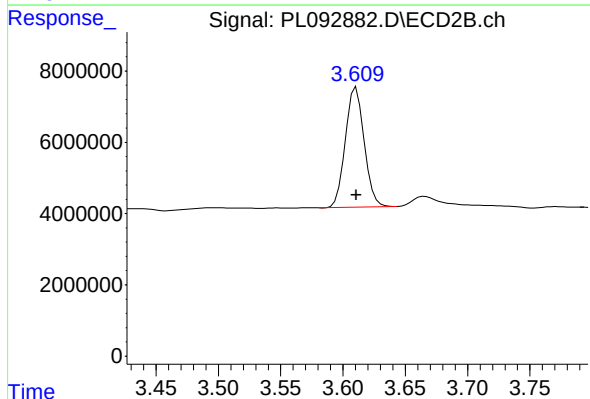
#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: 0.002 min  
Response: 33544851  
Conc: 10.29 ng/ml

Instrument :  
ECD\_L  
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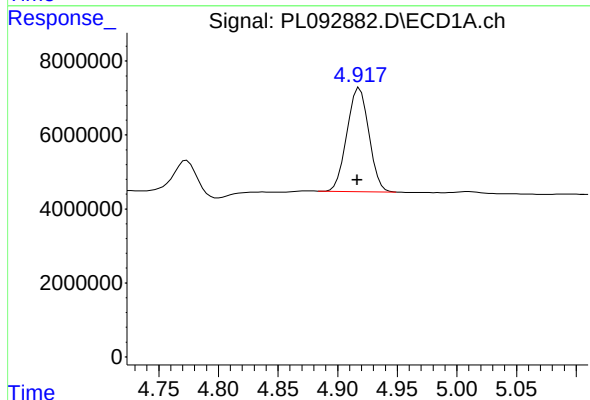
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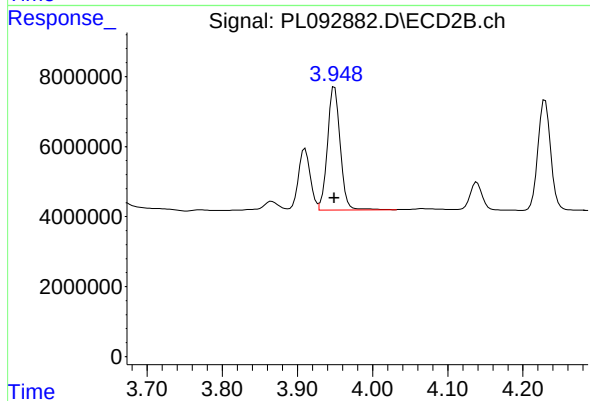
#3 gamma-BHC (Lindane)

R.T.: 3.611 min  
Delta R.T.: 0.000 min  
Response: 35291758  
Conc: 9.14 ng/ml



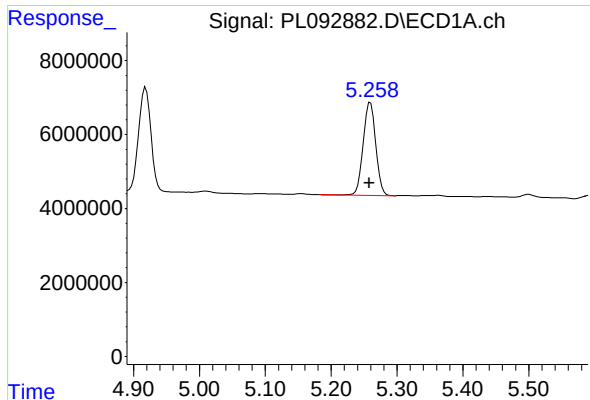
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: 0.002 min  
Response: 35948516  
Conc: 11.97 ng/ml



#4 Heptachlor

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 41262177  
Conc: 10.93 ng/ml



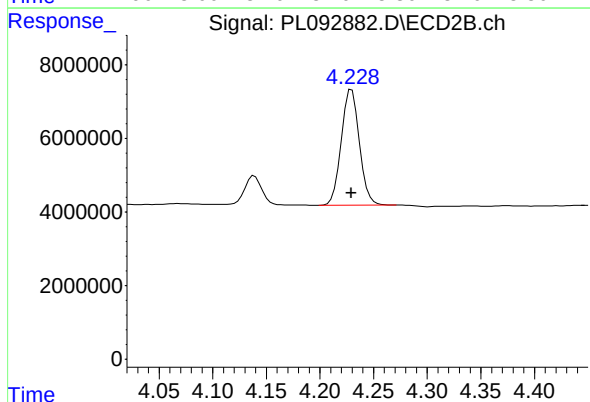
#5 Aldrin

R.T.: 5.260 min  
Delta R.T.: 0.002 min  
Response: 33447543  
Conc: 11.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-110424MSD

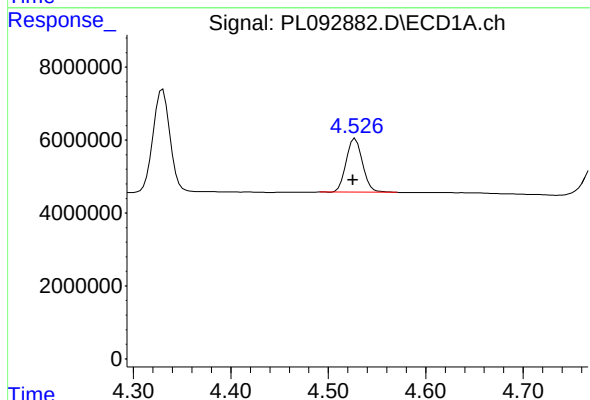
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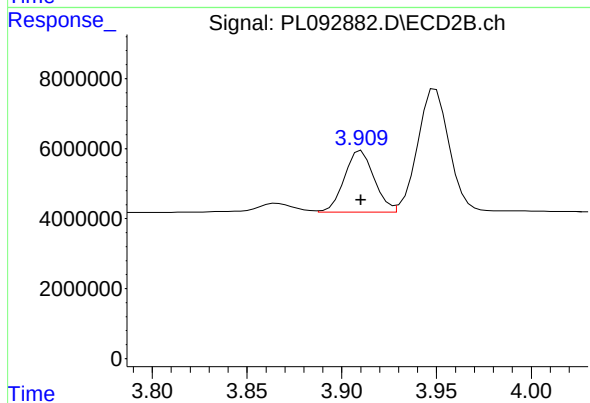
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: 0.000 min  
Response: 36975911  
Conc: 10.10 ng/ml



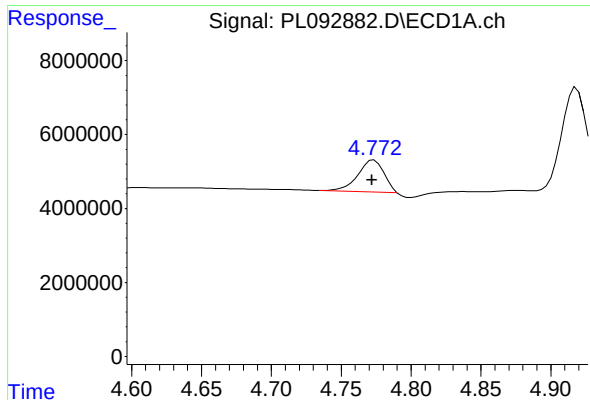
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.002 min  
Response: 17174540  
Conc: 11.88 ng/ml



#6 beta-BHC

R.T.: 3.910 min  
Delta R.T.: 0.000 min  
Response: 19170610  
Conc: 11.65 ng/ml



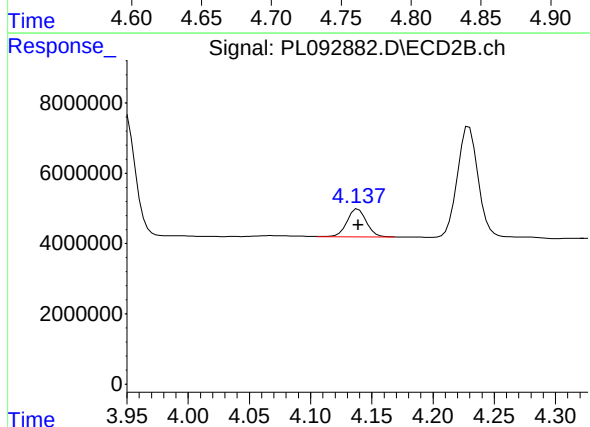
#7 delta-BHC

R.T.: 4.772 min  
Delta R.T.: 0.000 min  
Response: 11182149  
Conc: 3.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-110424MSD

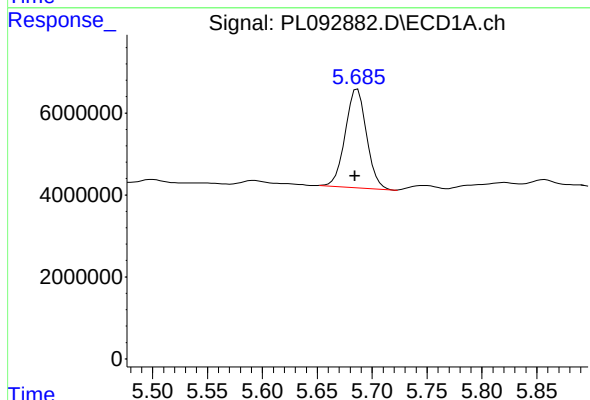
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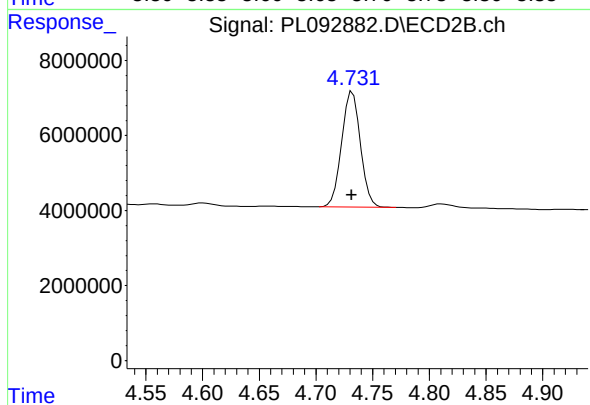
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: -0.002 min  
Response: 8740556  
Conc: 2.27 ng/ml m



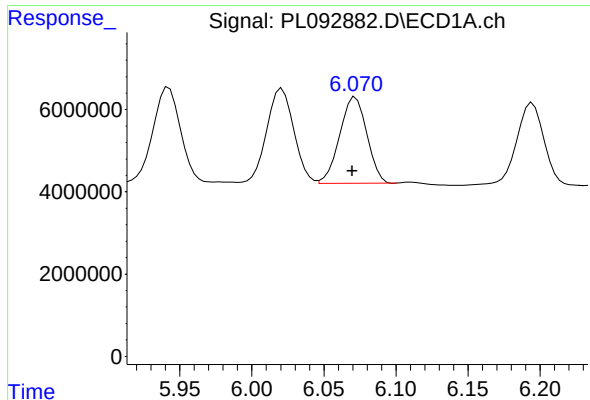
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: 0.002 min  
Response: 32510832  
Conc: 11.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 35392832  
Conc: 10.59 ng/ml



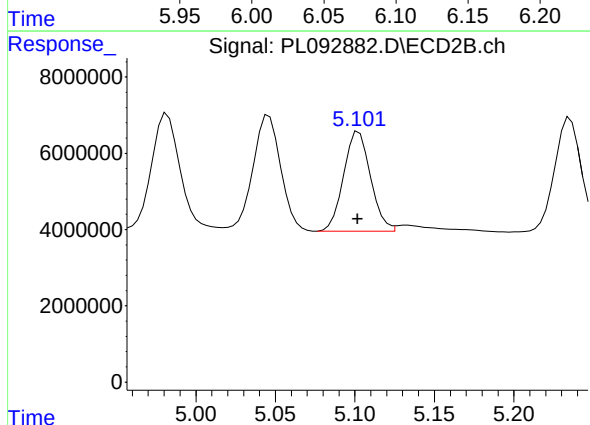
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.002 min  
Response: 27458198  
Conc: 10.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-110424MSD

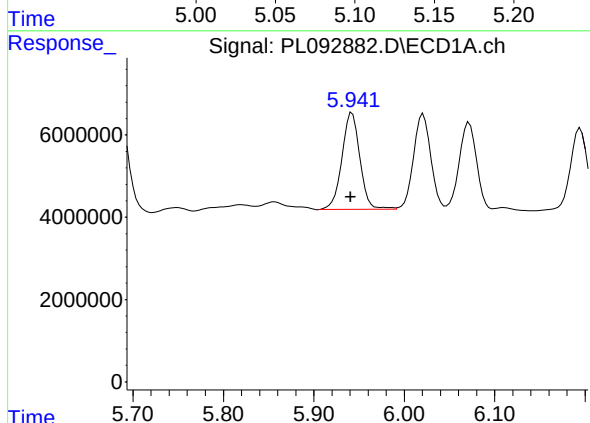
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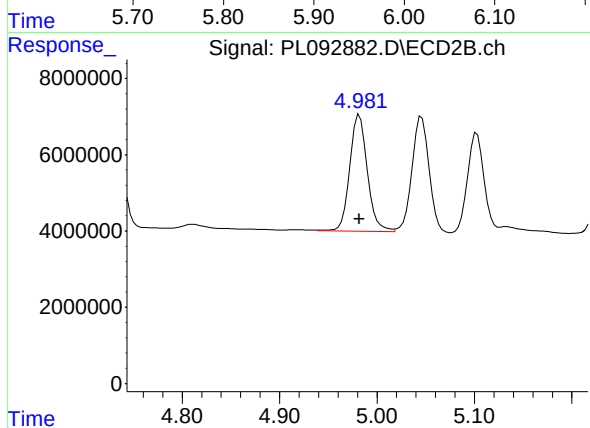
#9 Endosulfan I

R.T.: 5.101 min  
Delta R.T.: 0.000 min  
Response: 30976579  
Conc: 10.15 ng/ml m



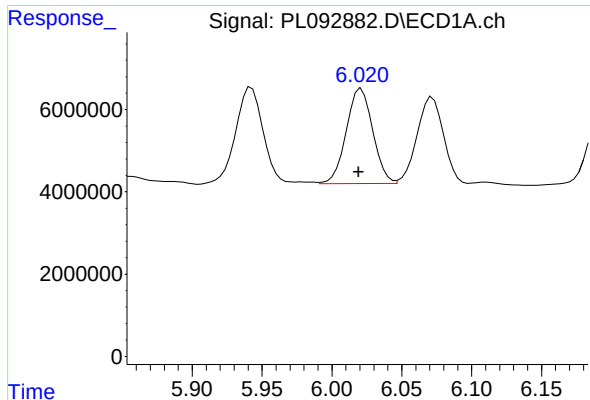
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.002 min  
Response: 32579637  
Conc: 12.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 38351566  
Conc: 11.41 ng/ml



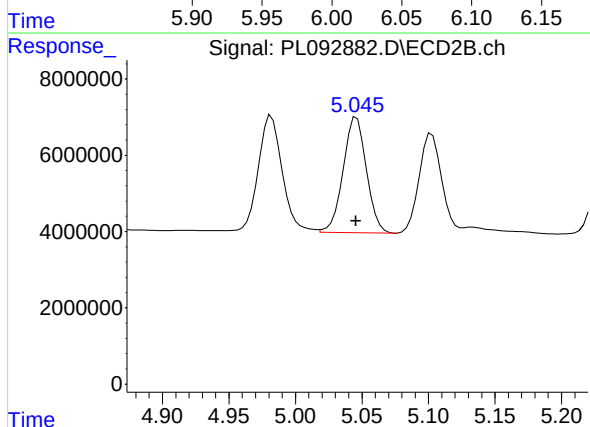
#11 alpha-Chlordane

R.T.: 6.021 min  
Delta R.T.: 0.002 min  
Response: 30592786  
Conc: 11.55 ng/ml

Instrument :  
ECD\_L  
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HD-02-110424MSD

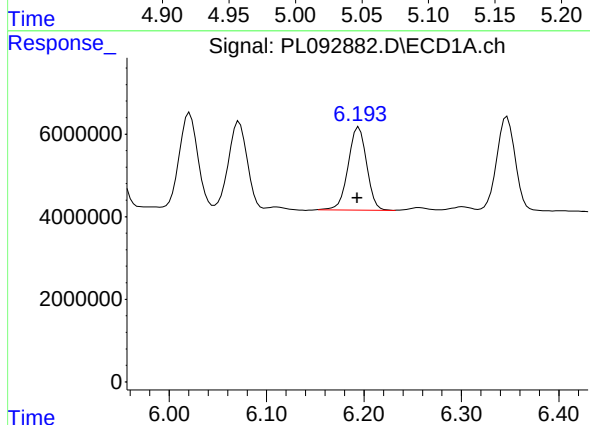
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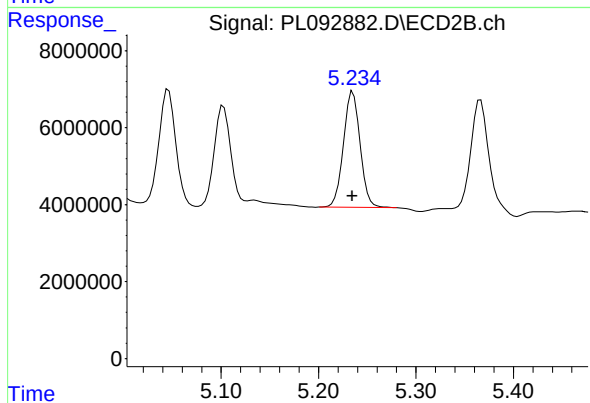
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 36946958  
Conc: 11.11 ng/ml



#12 4,4'-DDE

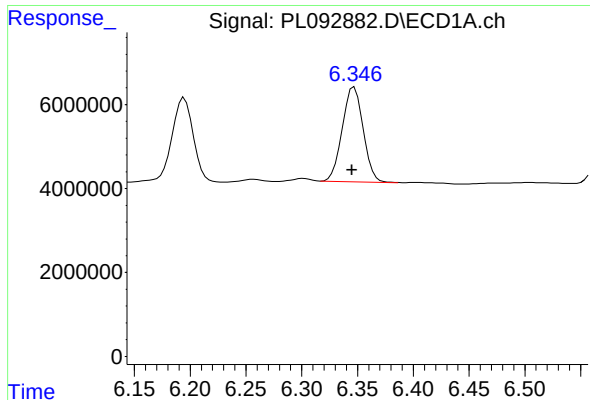
R.T.: 6.195 min  
Delta R.T.: 0.002 min  
Response: 26417967  
Conc: 11.15 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 35839543  
Conc: 11.12 ng/ml





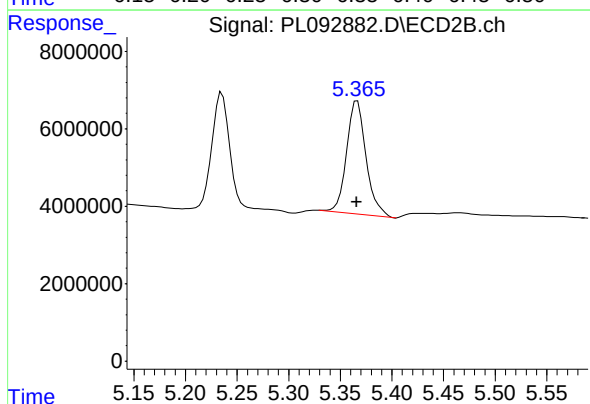
#13 Dieldrin

R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 29462282  
Conc: 11.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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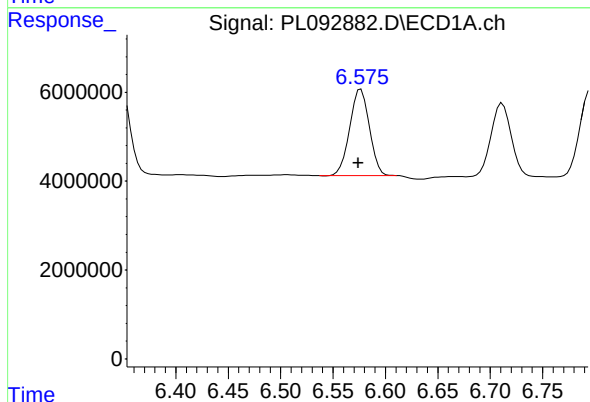
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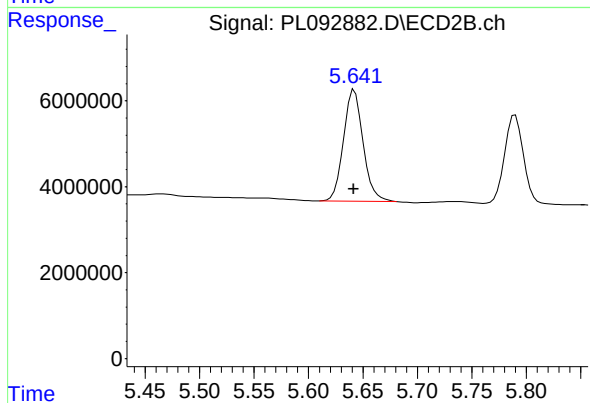
#13 Dieldrin

R.T.: 5.366 min  
Delta R.T.: 0.000 min  
Response: 38380141  
Conc: 11.49 ng/ml



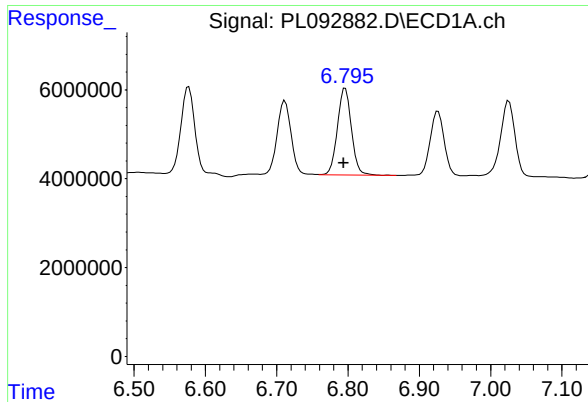
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.002 min  
Response: 25569332  
Conc: 11.23 ng/ml



#14 Endrin

R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 32449181  
Conc: 11.22 ng/ml



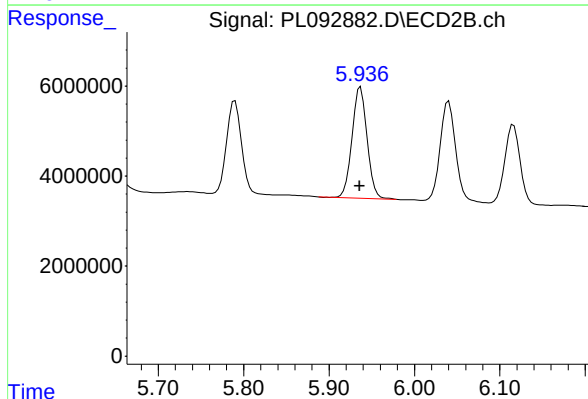
#15 Endosulfan II

R.T.: 6.796 min  
Delta R.T.: 0.002 min  
Response: 26620866  
Conc: 11.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-110424MSD

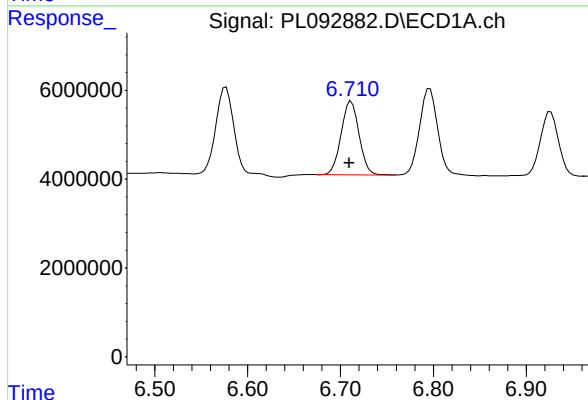
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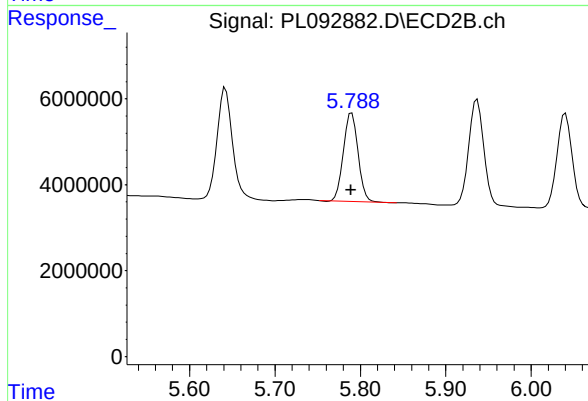
#15 Endosulfan II

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 30438804  
Conc: 10.74 ng/ml



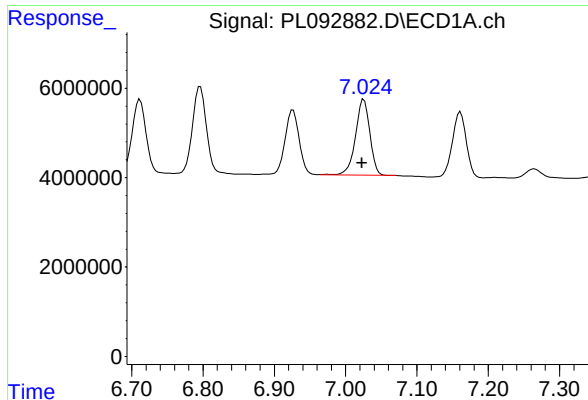
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.002 min  
Response: 22400665  
Conc: 11.67 ng/ml



#16 4,4'-DDD

R.T.: 5.790 min  
Delta R.T.: 0.000 min  
Response: 24662131  
Conc: 9.90 ng/ml



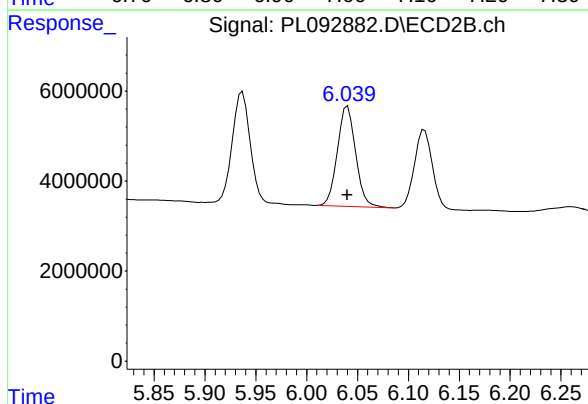
#17 4,4'-DDT

R.T.: 7.026 min  
Delta R.T.: 0.003 min  
Response: 23791293  
Conc: 11.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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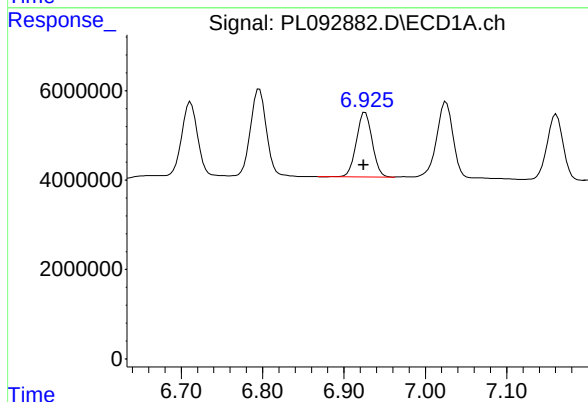
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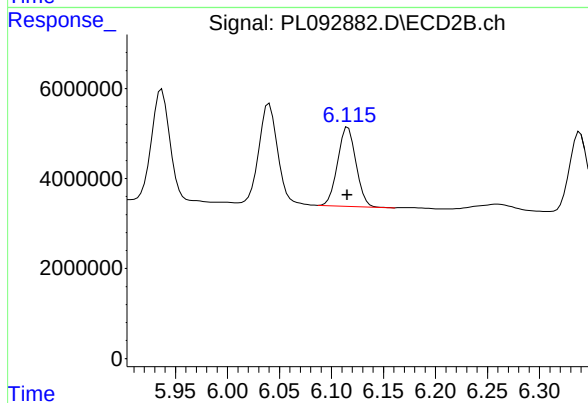
#17 4,4'-DDT

R.T.: 6.040 min  
Delta R.T.: 0.000 min  
Response: 27820454  
Conc: 10.37 ng/ml



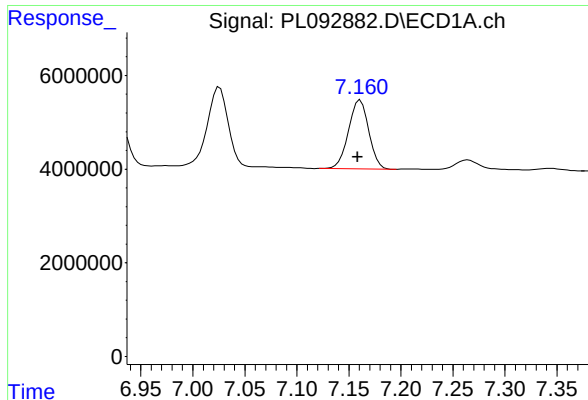
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.002 min  
Response: 19765267  
Conc: 10.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min  
Delta R.T.: 0.000 min  
Response: 21536675  
Conc: 9.33 ng/ml



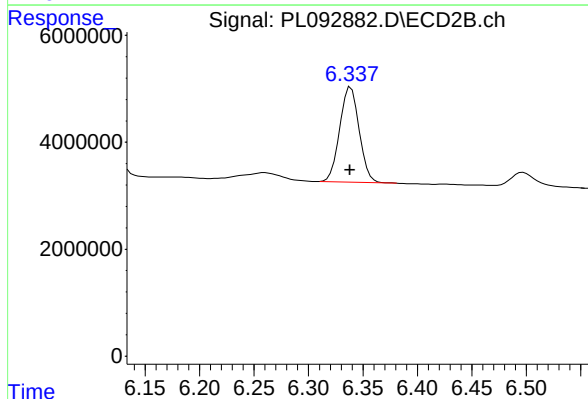
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: 0.003 min  
Response: 19937216  
Conc: 9.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-110424MSD

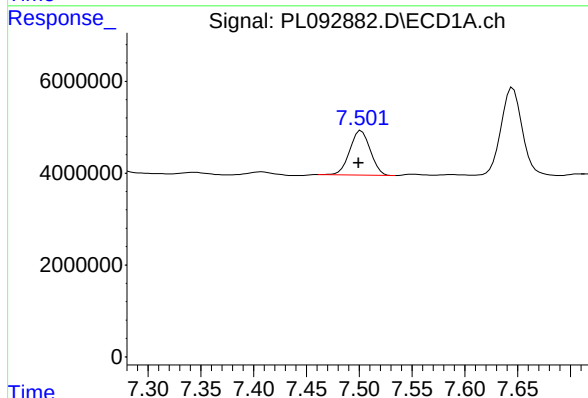
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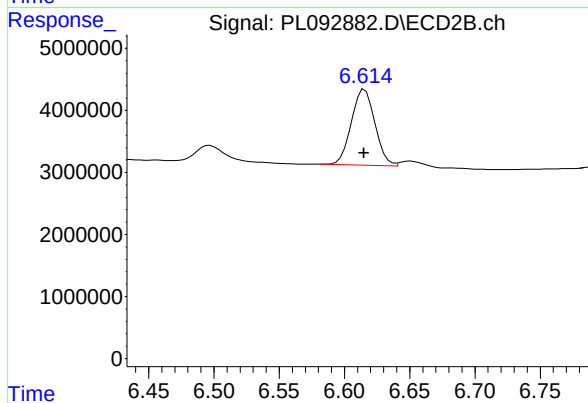
#19 Endosulfan Sulfate

R.T.: 6.339 min  
Delta R.T.: 0.000 min  
Response: 21994218  
Conc: 8.16 ng/ml



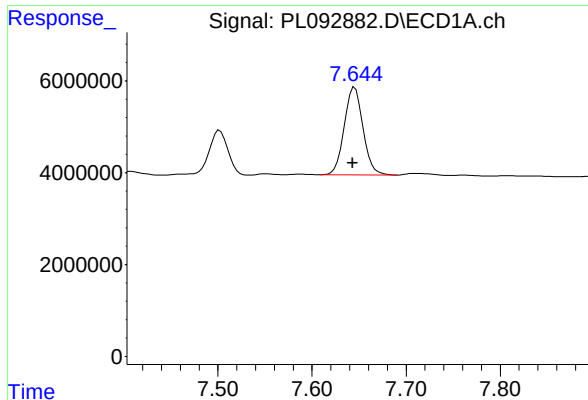
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.003 min  
Response: 13149886  
Conc: 11.54 ng/ml



#20 Methoxychlor

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 15377988  
Conc: 10.77 ng/ml



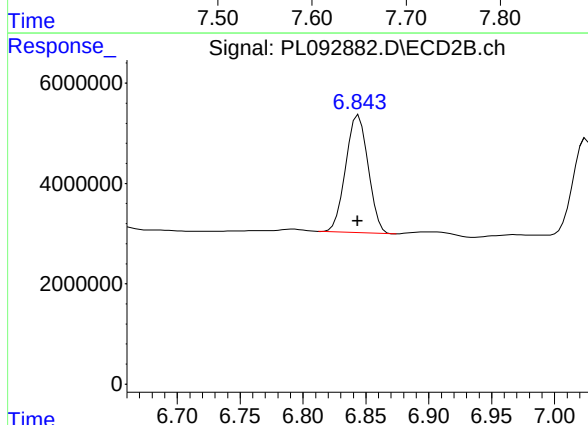
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: 0.002 min  
Response: 26410679  
Conc: 10.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-110424MSD

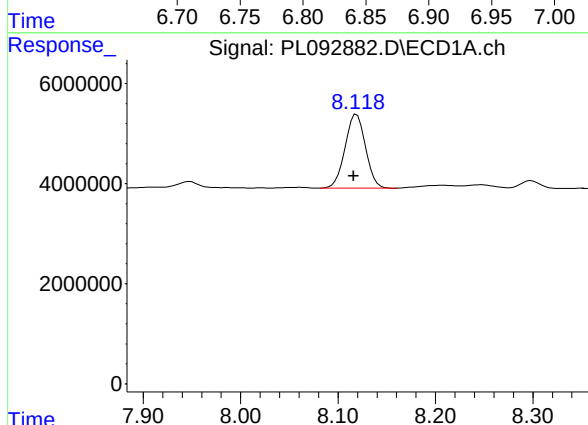
Manual Integrations  
APPROVED

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



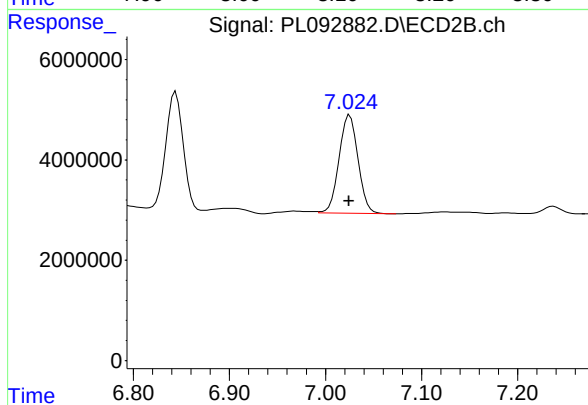
#21 Endrin ketone

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 29087596  
Conc: 9.48 ng/ml



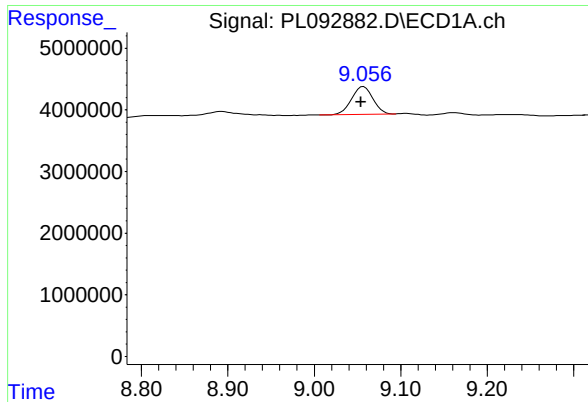
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.003 min  
Response: 21473428  
Conc: 10.84 ng/ml



#22 Mirex

R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 26591170  
Conc: 10.19 ng/ml



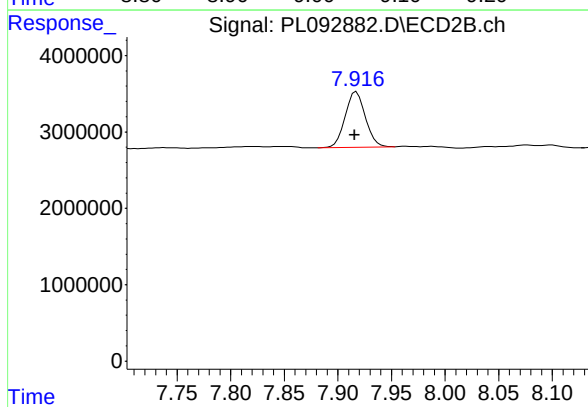
#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.003 min  
Response: 7670876  
Conc: 3.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HD-02-110424MSD

Manual Integrations  
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.917 min  
Delta R.T.: 0.002 min  
Response: 9645732  
Conc: 3.53 ng/ml