

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112525\  
 Data File : PL097742.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Nov 2025 12:16  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 11/26/2025  
 Supervised By : mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 25 12:34:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112525.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 25 12:33:56 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-------|-------|----------|----------|--------|---------|
| -----                       |       |       |          |          |        |         |
| System Monitoring Compounds |       |       |          |          |        |         |
| 1) SA Tetrachlo...          | 3.503 | 2.802 | 27904561 | 38291607 | 5.446  | 5.353   |
| 28) SA Decachlor...         | 8.966 | 7.950 | 17743986 | 27581804 | 5.528  | 5.860   |
| Target Compounds            |       |       |          |          |        |         |
| 2) A alpha-BHC              | 3.950 | 3.305 | 40561210 | 55684235 | 4.781  | 4.861   |
| 3) MA gamma-BHC...          | 4.279 | 3.635 | 38663193 | 51304022 | 4.960  | 4.998   |
| 4) MA Heptachlor            | 4.869 | 3.981 | 38887531 | 49235752 | 5.213  | 5.203   |
| 5) MB Aldrin                | 5.207 | 4.262 | 34829105 | 48671146 | 5.076  | 5.130   |
| 6) B beta-BHC               | 4.469 | 3.932 | 17749011 | 24152454 | 5.436  | 5.460   |
| 7) B delta-BHC              | 4.712 | 4.162 | 33264245 | 50890643 | 4.766  | 4.967   |
| 8) B Heptachlo...           | 5.625 | 4.763 | 35817428 | 44472163 | 5.691m | 5.299   |
| 9) A Endosulfan I           | 6.008 | 5.133 | 28567858 | 55302633 | 5.295  | 6.394   |
| 10) B gamma-Chl...          | 5.879 | 5.014 | 30965028 | 48525200 | 5.189m | 5.422   |
| 11) B alpha-Chl...          | 5.960 | 5.078 | 32643549 | 58870964 | 5.457  | 6.287   |
| 12) B 4,4'-DDE              | 6.131 | 5.265 | 27869685 | 40431377 | 5.202  | 4.969m  |
| 13) MA Dieldrin             | 6.280 | 5.395 | 28459509 | 44546956 | 5.088  | 5.152m  |
| 14) MA Endrin               | 6.506 | 5.672 | 23837280 | 45668190 | 5.178  | 5.942   |
| 15) B Endosulfa...          | 6.719 | 5.963 | 33551124 | 39374959 | 6.625m | 5.328   |
| 16) A 4,4'-DDD              | 6.641 | 5.819 | 22248520 | 33838733 | 5.226  | 5.002   |
| 17) MA 4,4'-DDT             | 6.954 | 6.071 | 15663969 | 20247746 | 4.293  | 4.109   |
| 18) B Endrin al...          | 6.848 | 6.142 | 20484334 | 45141850 | 5.638m | 8.291 # |
| 19) B Endosulfa...          | 7.083 | 6.364 | 24595617 | 36614483 | 5.590  | 5.335   |
| 20) A Methoxychlor          | 7.428 | 6.643 | 9189760  | 13821647 | 4.869  | 5.145   |
| 21) B Endrin ke...          | 7.560 | 6.868 | 22209829 | 38645536 | 5.089  | 5.305   |
| 22) Mirex                   | 8.038 | 7.056 | 17203716 | 30443839 | 5.660  | 5.884   |
| -----                       |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112525\  
Data File : PL097742.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Nov 2025 12:16  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

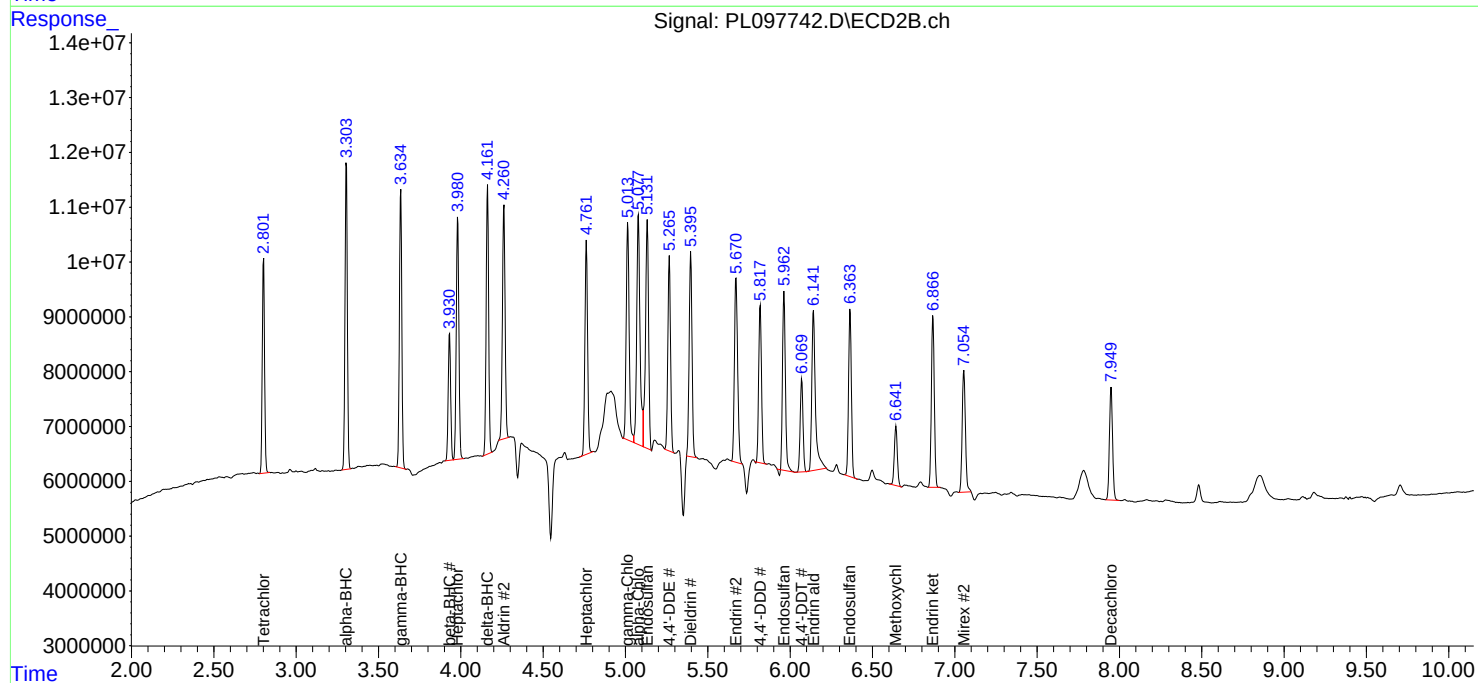
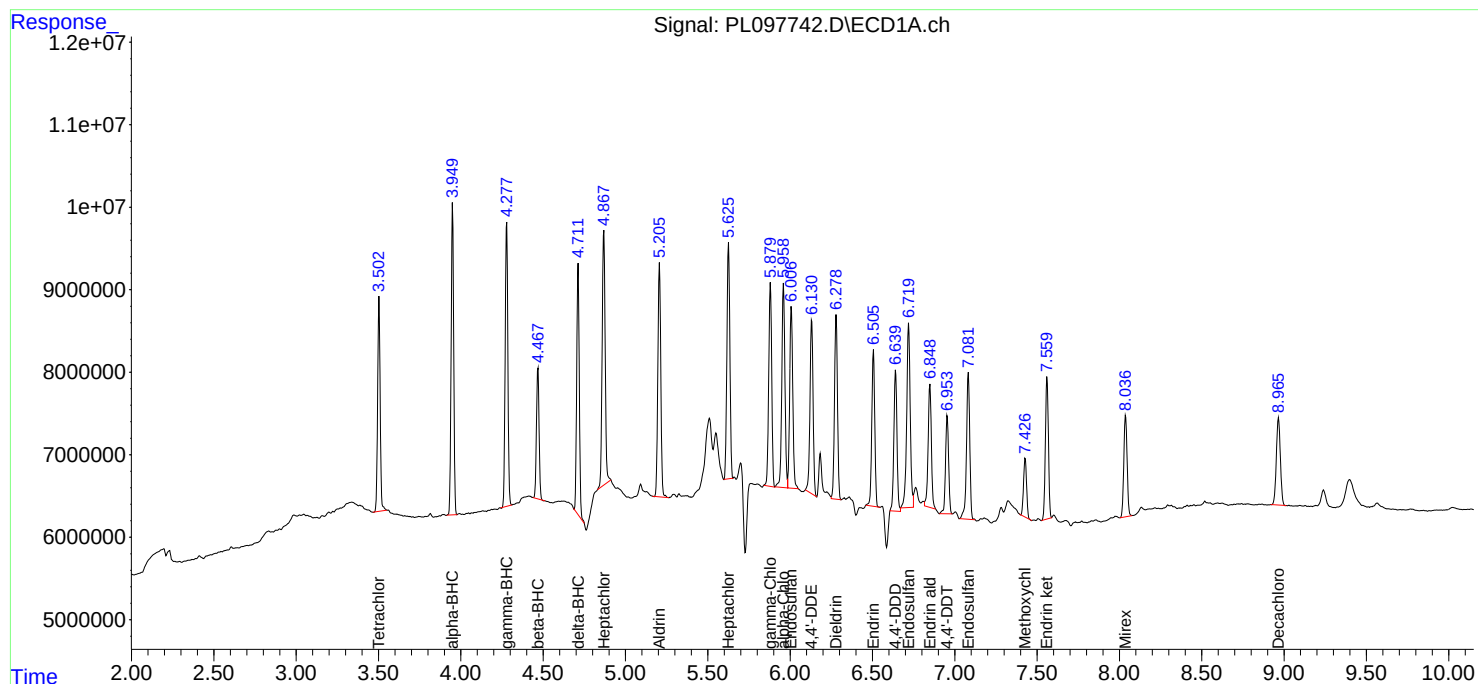
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

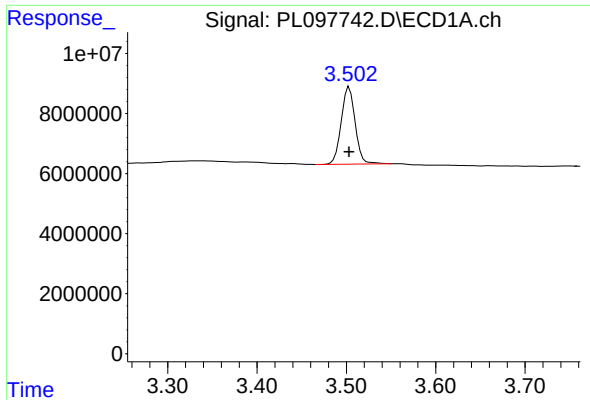
Manual Integrations  
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Reviewed By :Abdul Mirza 11/26/2025  
Supervised By :mohammad ahmed 11/27/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 25 12:34:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112525.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 25 12:33:56 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





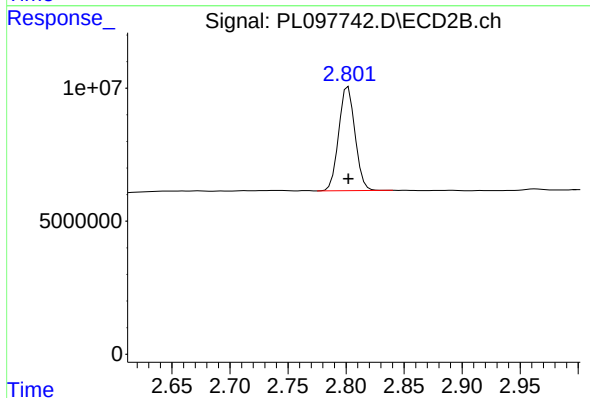
#1 Tetrachloro-m-xylene

R.T.: 3.503 min  
Delta R.T.: 0.000 min  
Response: 27904561  
Conc: 5.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

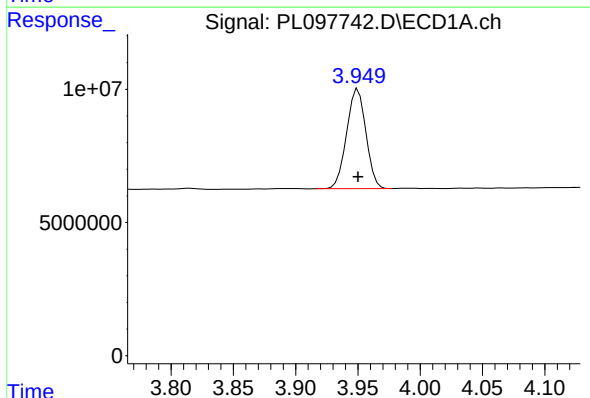
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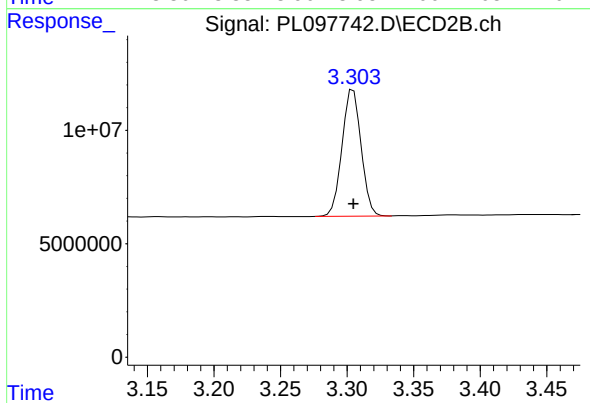
#1 Tetrachloro-m-xylene

R.T.: 2.802 min  
Delta R.T.: 0.000 min  
Response: 38291607  
Conc: 5.35 ng/ml



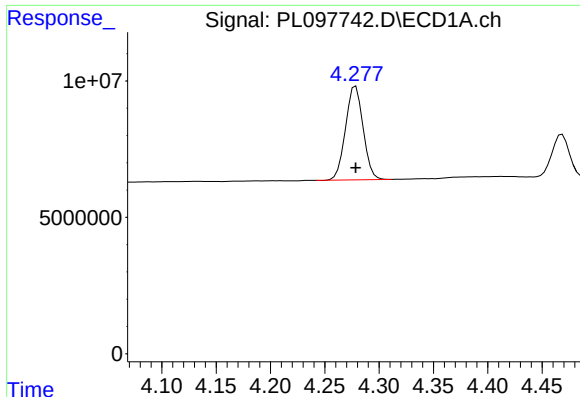
#2 alpha-BHC

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 40561210  
Conc: 4.78 ng/ml



#2 alpha-BHC

R.T.: 3.305 min  
Delta R.T.: 0.000 min  
Response: 55684235  
Conc: 4.86 ng/ml



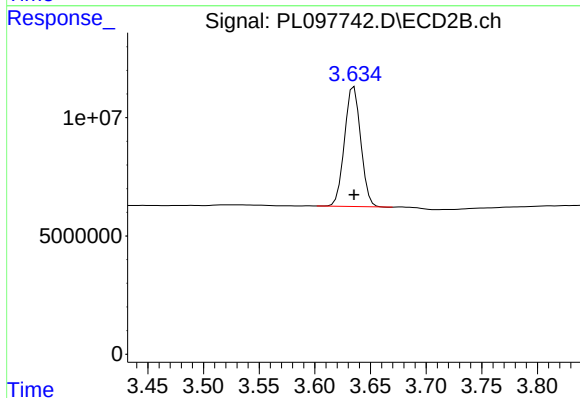
#3 gamma-BHC (Lindane)

R.T.: 4.279 min  
Delta R.T.: 0.000 min  
Response: 38663193  
Conc: 4.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

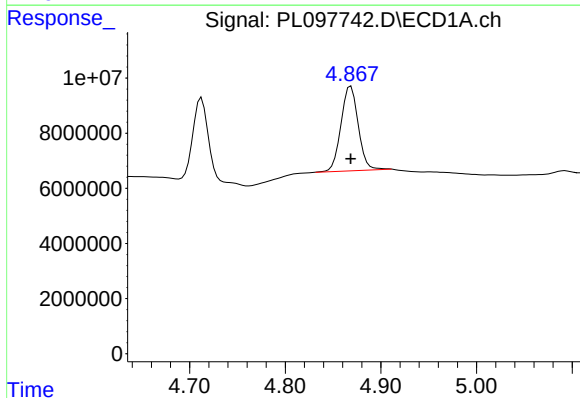
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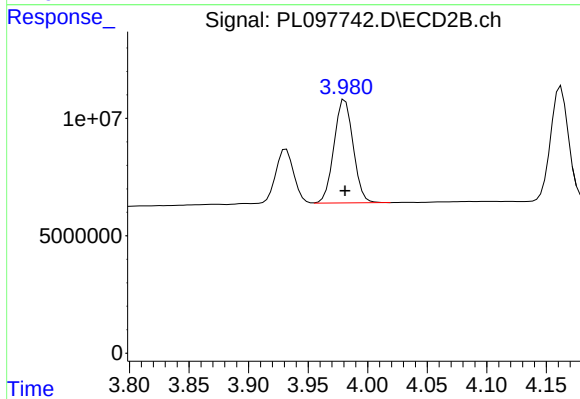
#3 gamma-BHC (Lindane)

R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 51304022  
Conc: 5.00 ng/ml



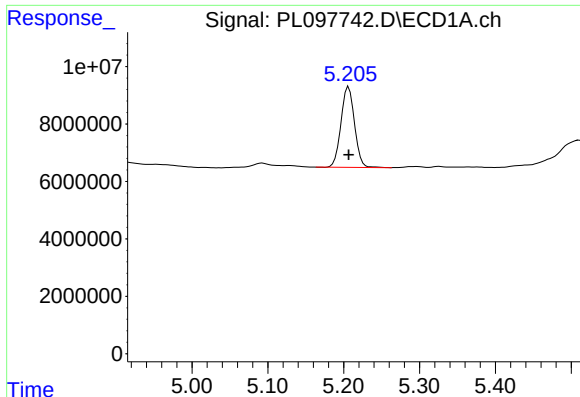
#4 Heptachlor

R.T.: 4.869 min  
Delta R.T.: 0.000 min  
Response: 38887531  
Conc: 5.21 ng/ml



#4 Heptachlor

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 49235752  
Conc: 5.20 ng/ml



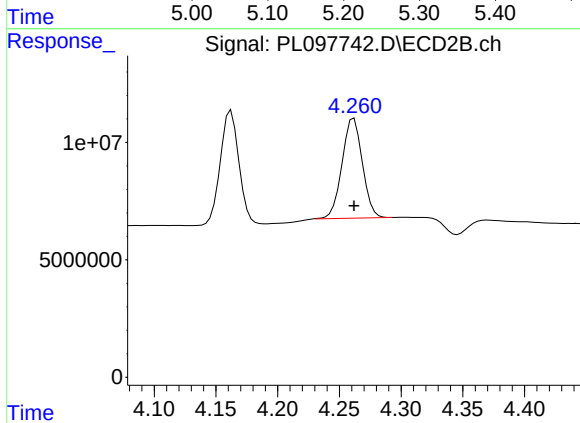
#5 Aldrin

R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 34829105  
Conc: 5.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

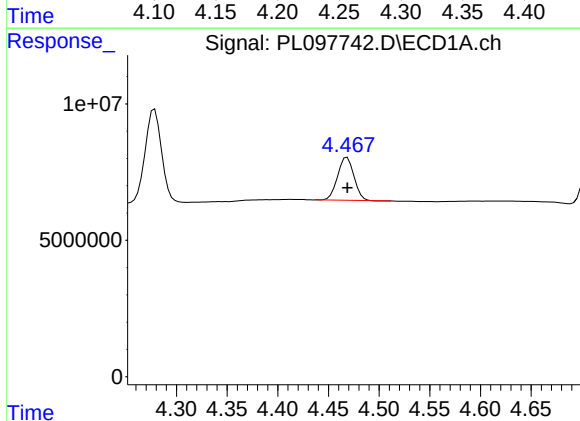
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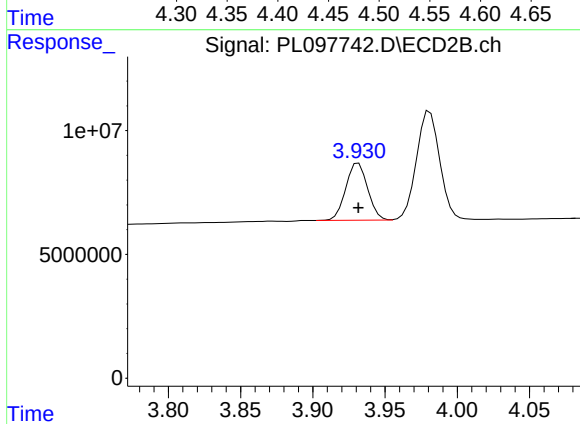
#5 Aldrin

R.T.: 4.262 min  
Delta R.T.: 0.000 min  
Response: 48671146  
Conc: 5.13 ng/ml



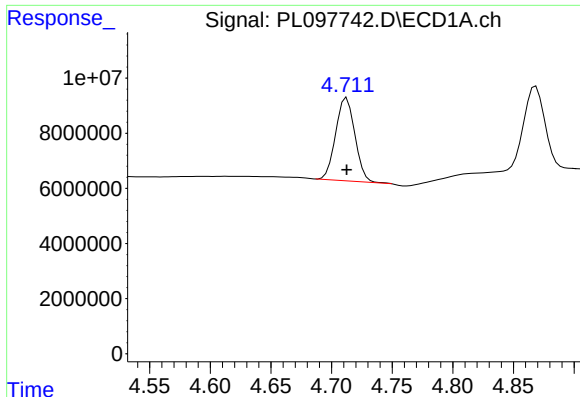
#6 beta-BHC

R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 17749011  
Conc: 5.44 ng/ml



#6 beta-BHC

R.T.: 3.932 min  
Delta R.T.: 0.000 min  
Response: 24152454  
Conc: 5.46 ng/ml



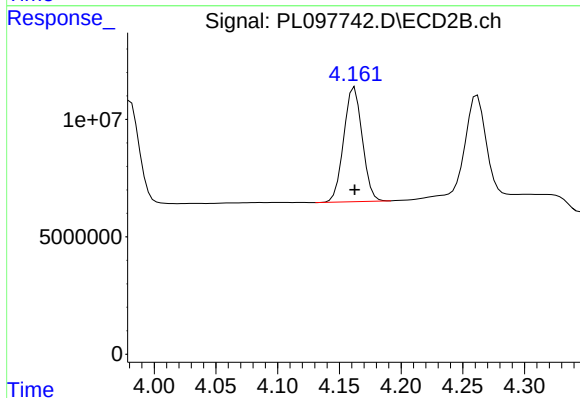
#7 delta-BHC

R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 33264245  
Conc: 4.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

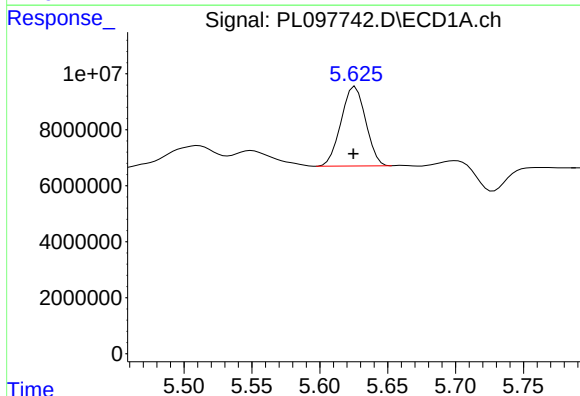
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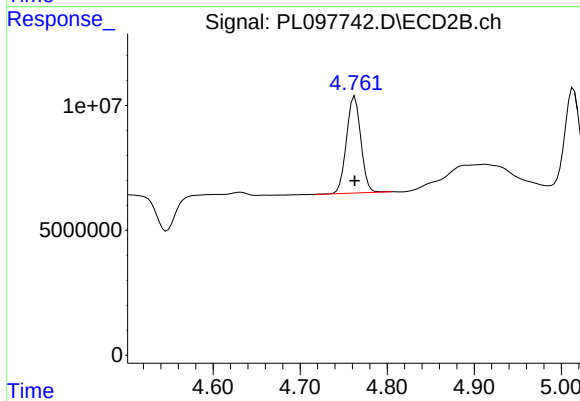
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 50890643  
Conc: 4.97 ng/ml



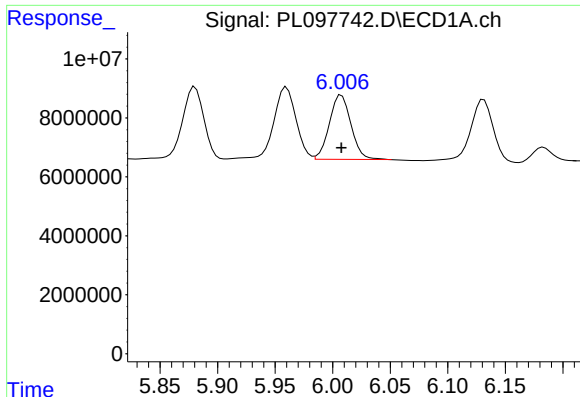
#8 Heptachlor epoxide

R.T.: 5.625 min  
Delta R.T.: 0.000 min  
Response: 35817428  
Conc: 5.69 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.763 min  
Delta R.T.: 0.000 min  
Response: 44472163  
Conc: 5.30 ng/ml



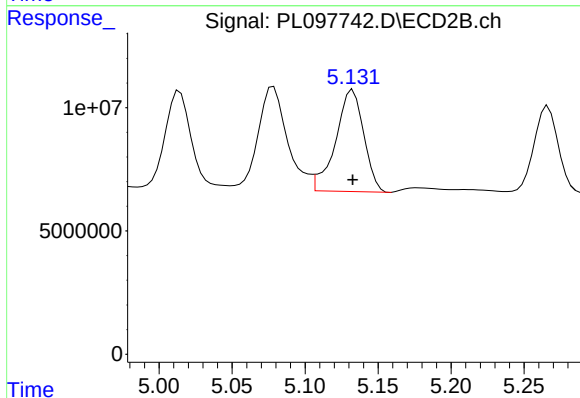
#9 Endosulfan I

R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 28567858  
Conc: 5.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

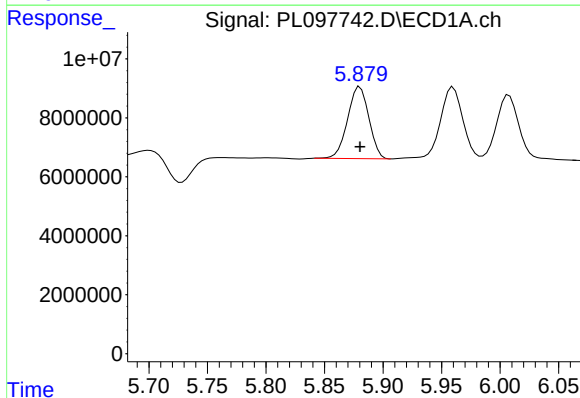
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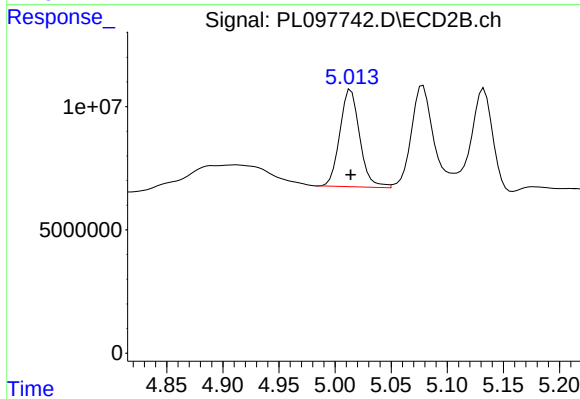
#9 Endosulfan I

R.T.: 5.133 min  
Delta R.T.: 0.000 min  
Response: 55302633  
Conc: 6.39 ng/ml



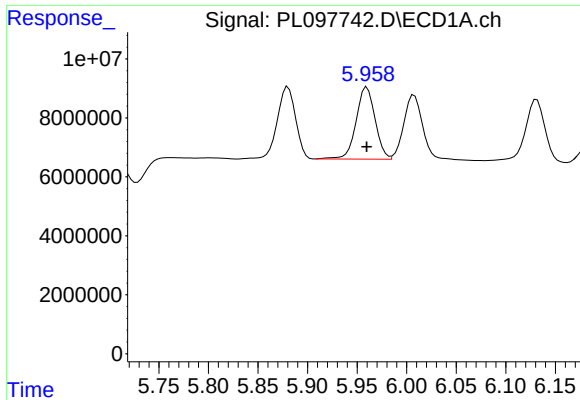
#10 gamma-Chlordane

R.T.: 5.879 min  
Delta R.T.: -0.001 min  
Response: 30965028  
Conc: 5.19 ng/ml m



#10 gamma-Chlordane

R.T.: 5.014 min  
Delta R.T.: 0.000 min  
Response: 48525200  
Conc: 5.42 ng/ml



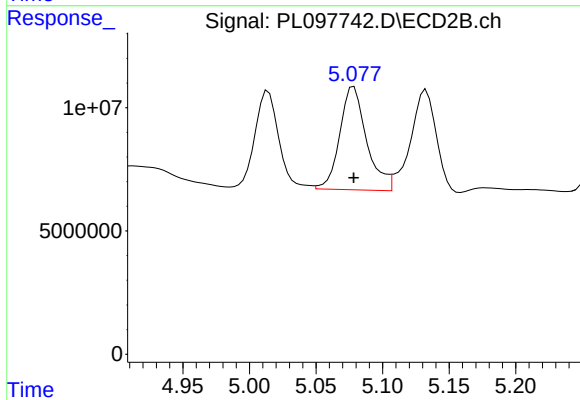
#11 alpha-Chlordane

R.T.: 5.960 min  
Delta R.T.: 0.000 min  
Response: 32643549  
Conc: 5.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

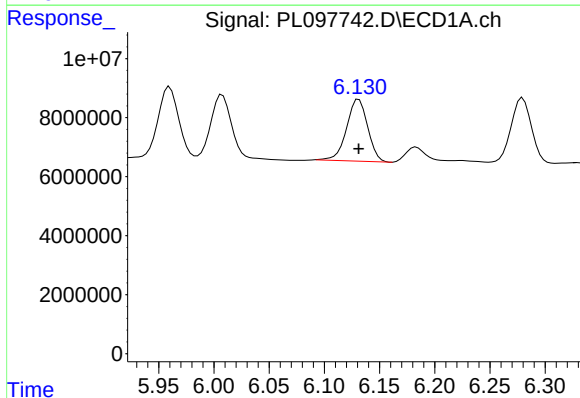
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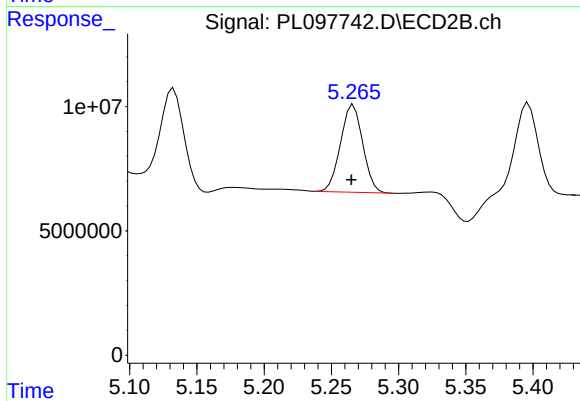
#11 alpha-Chlordane

R.T.: 5.078 min  
Delta R.T.: 0.000 min  
Response: 58870964  
Conc: 6.29 ng/ml



#12 4,4'-DDE

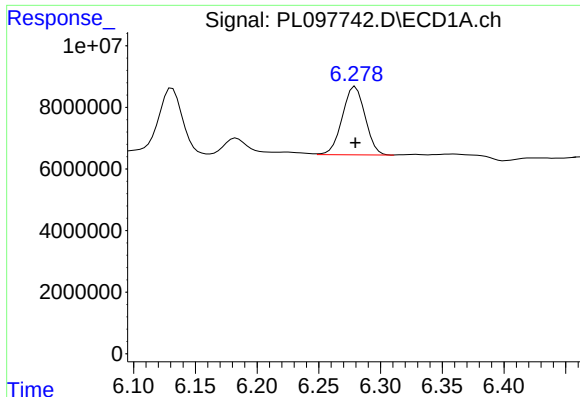
R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 27869685  
Conc: 5.20 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 40431377  
Conc: 4.97 ng/ml m





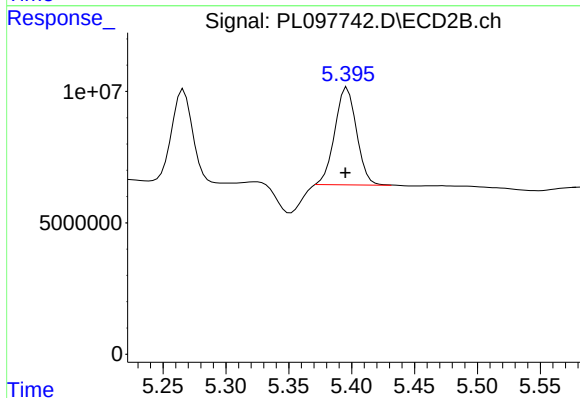
#13 Dieldrin

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 28459509  
Conc: 5.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

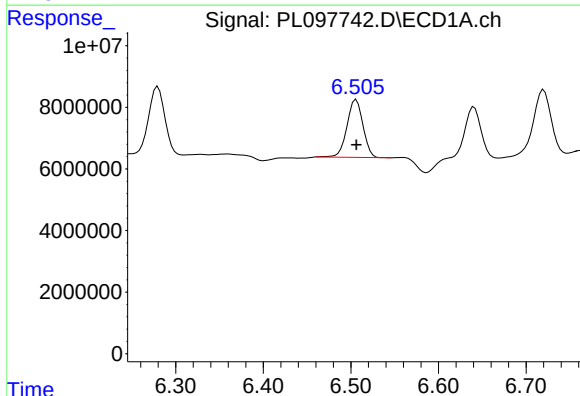
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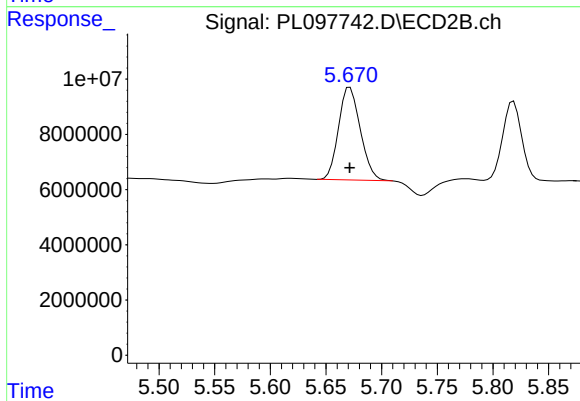
#13 Dieldrin

R.T.: 5.395 min  
Delta R.T.: 0.000 min  
Response: 44546956  
Conc: 5.15 ng/ml m



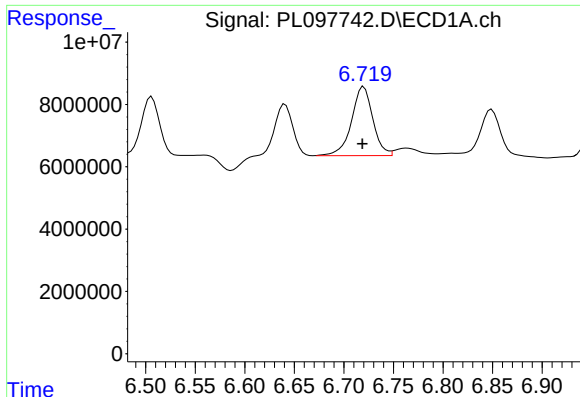
#14 Endrin

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 23837280  
Conc: 5.18 ng/ml



#14 Endrin

R.T.: 5.672 min  
Delta R.T.: 0.000 min  
Response: 45668190  
Conc: 5.94 ng/ml



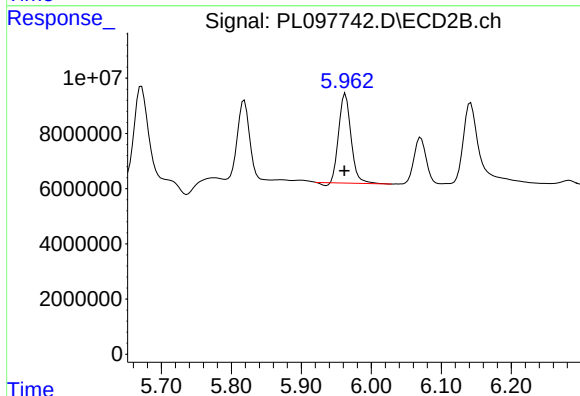
#15 Endosulfan II

R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 33551124  
Conc: 6.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

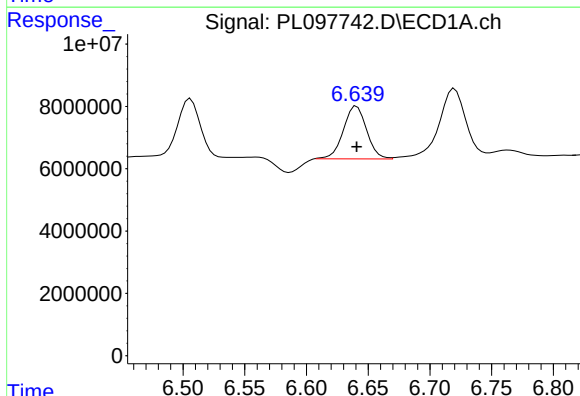
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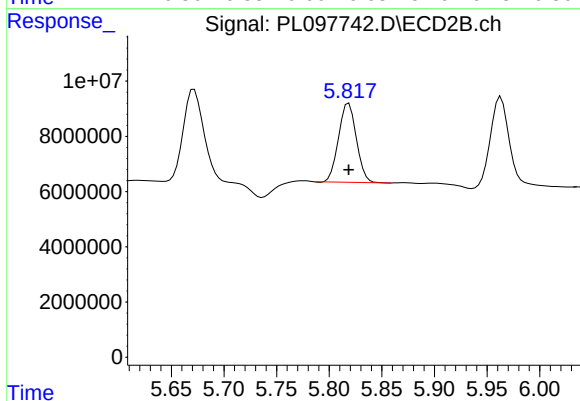
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: 0.001 min  
Response: 39374959  
Conc: 5.33 ng/ml



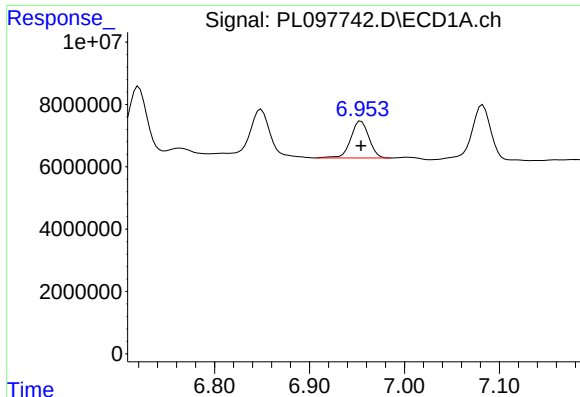
#16 4,4'-DDD

R.T.: 6.641 min  
Delta R.T.: 0.000 min  
Response: 22248520  
Conc: 5.23 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 33838733  
Conc: 5.00 ng/ml



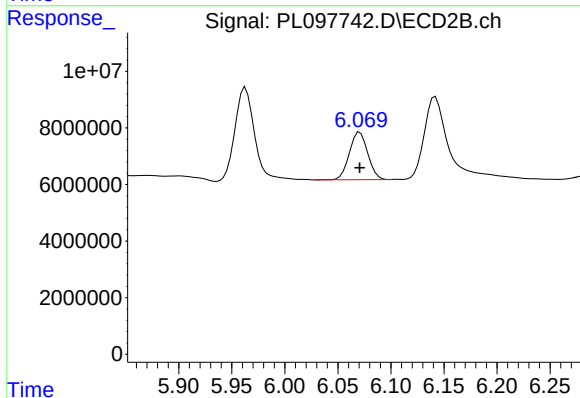
#17 4,4'-DDT

R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 15663969  
Conc: 4.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

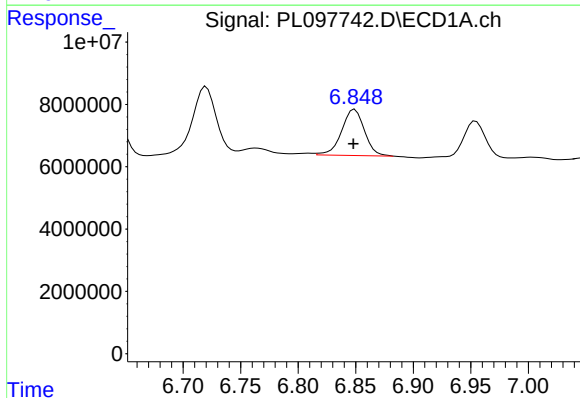
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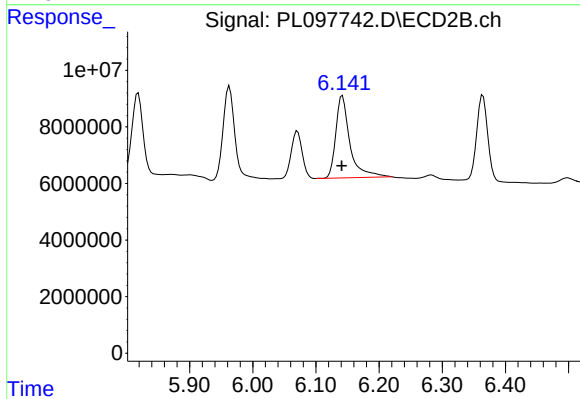
#17 4,4'-DDT

R.T.: 6.071 min  
Delta R.T.: 0.000 min  
Response: 20247746  
Conc: 4.11 ng/ml



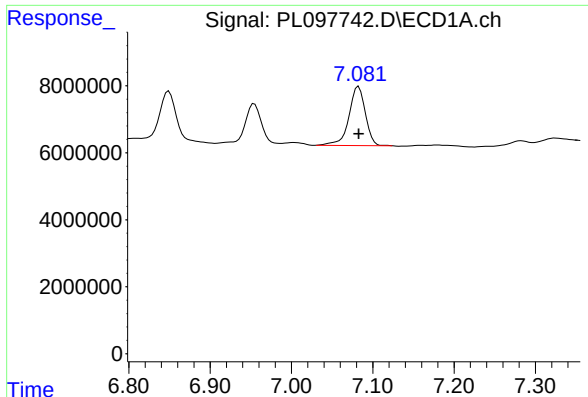
#18 Endrin aldehyde

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 20484334  
Conc: 5.64 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 45141850  
Conc: 8.29 ng/ml



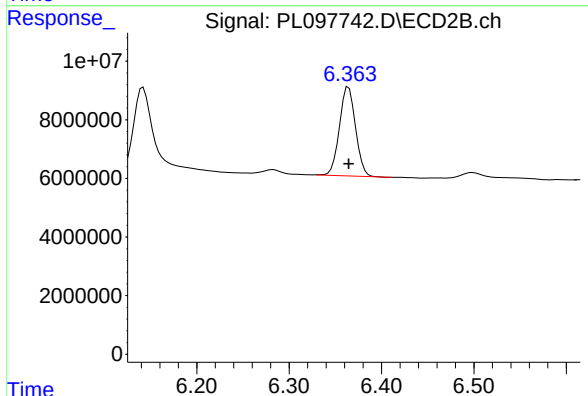
#19 Endosulfan Sulfate

R.T.: 7.083 min  
Delta R.T.: 0.000 min  
Response: 24595617  
Conc: 5.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

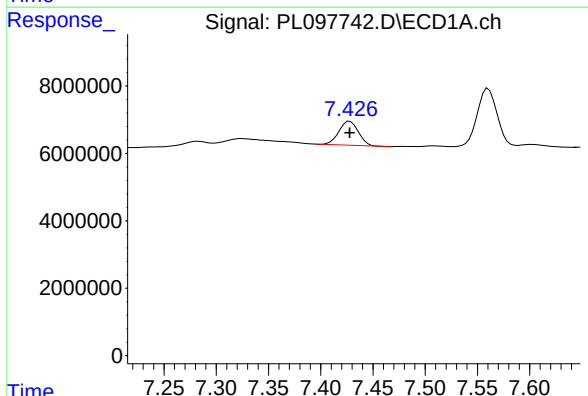
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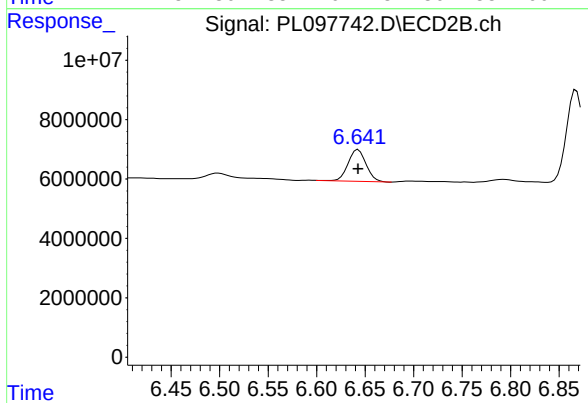
#19 Endosulfan Sulfate

R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 36614483  
Conc: 5.34 ng/ml



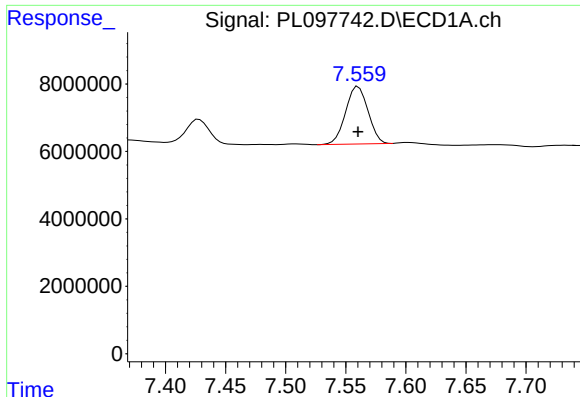
#20 Methoxychlor

R.T.: 7.428 min  
Delta R.T.: 0.000 min  
Response: 9189760  
Conc: 4.87 ng/ml



#20 Methoxychlor

R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 13821647  
Conc: 5.15 ng/ml



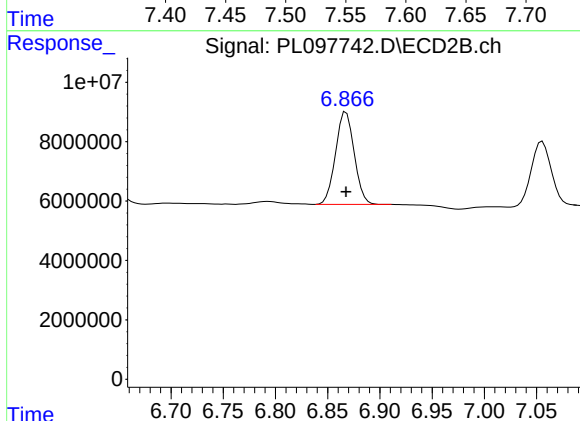
#21 Endrin ketone

R.T.: 7.560 min  
Delta R.T.: 0.000 min  
Response: 22209829  
Conc: 5.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

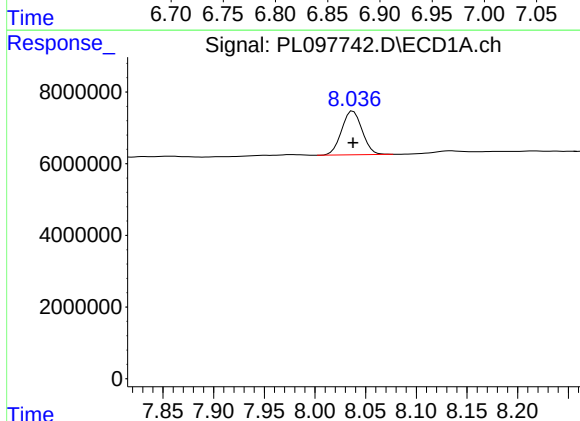
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/26/2025  
Supervised By :mohammad ahmed 11/27/2025



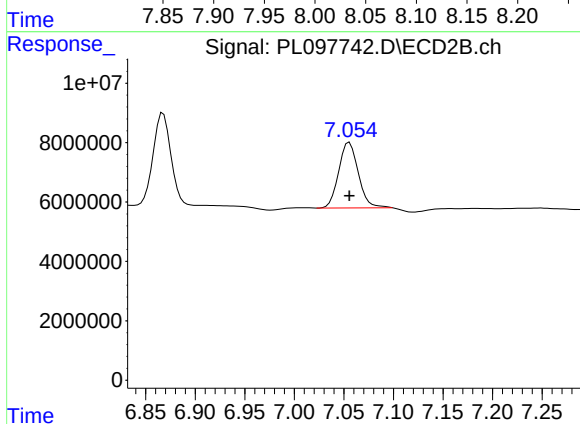
#21 Endrin ketone

R.T.: 6.868 min  
Delta R.T.: 0.000 min  
Response: 38645536  
Conc: 5.30 ng/ml



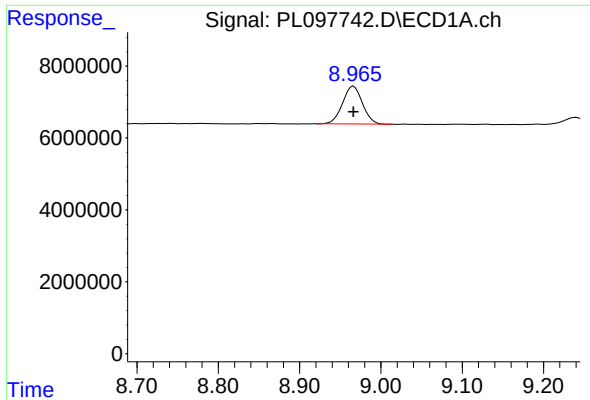
#22 Mirex

R.T.: 8.038 min  
Delta R.T.: 0.000 min  
Response: 17203716  
Conc: 5.66 ng/ml



#22 Mirex

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 30443839  
Conc: 5.88 ng/ml



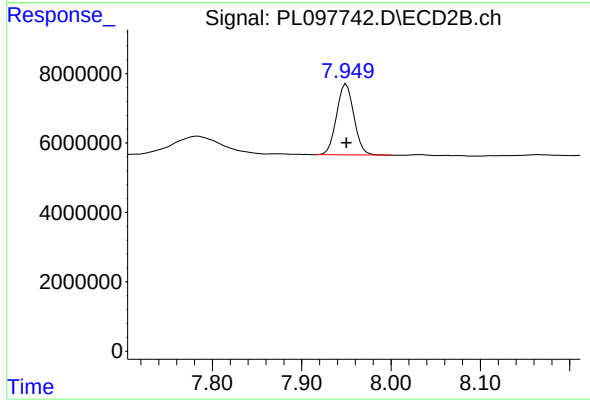
#28 Decachlorobiphenyl

R.T.: 8.966 min  
Delta R.T.: 0.000 min  
Response: 17743986  
Conc: 5.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/26/2025  
Supervised By :mohammad ahmed 11/27/2025



#28 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: 0.000 min  
Response: 27581804  
Conc: 5.86 ng/ml