

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090625\  
 Data File : PL097077.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Sep 2025 17:56  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/08/2025  
 Supervised By :mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 06 01:44:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082025.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 21 06:34:01 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... | 3.529 | 2.824 | 203.8E6  | 290.2E6 | 51.680  | 51.483 |
| 28)                         | SA Decachlor... | 9.003 | 7.986 | 190.9E6  | 306.2E6 | 64.474  | 63.842 |
| Target Compounds            |                 |       |       |          |         |         |        |
| 2)                          | A alpha-BHC     | 3.976 | 3.330 | 306.7E6  | 434.1E6 | 52.932  | 52.868 |
| 3)                          | MA gamma-BHC... | 4.304 | 3.661 | 287.2E6  | 403.7E6 | 52.576  | 54.796 |
| 4)                          | MA Heptachlor   | 4.895 | 4.009 | 281.0E6  | 396.2E6 | 52.693  | 52.658 |
| 5)                          | MB Aldrin       | 5.234 | 4.292 | 276.2E6  | 380.2E6 | 52.568  | 54.067 |
| 6)                          | B beta-BHC      | 4.491 | 3.957 | 117.5E6  | 172.1E6 | 51.357  | 52.741 |
| 7)                          | B delta-BHC     | 4.736 | 4.190 | 264.1E6  | 397.3E6 | 58.689  | 54.067 |
| 8)                          | B Heptachlo...  | 5.654 | 4.793 | 248.9E6  | 343.9E6 | 48.367  | 54.364 |
| 9)                          | A Endosulfan I  | 6.036 | 5.164 | 223.5E6  | 320.7E6 | 52.016  | 53.530 |
| 10)                         | B gamma-Chl...  | 5.906 | 5.045 | 246.1E6  | 360.6E6 | 53.433m | 54.546 |
| 11)                         | B alpha-Chl...  | 5.988 | 5.109 | 243.2E6  | 353.9E6 | 51.684  | 54.192 |
| 12)                         | B 4,4'-DDE      | 6.158 | 5.298 | 202.3E6  | 336.3E6 | 50.697  | 54.649 |
| 13)                         | MA Dieldrin     | 6.307 | 5.429 | 235.3E6  | 355.5E6 | 51.814  | 54.252 |
| 14)                         | MA Endrin       | 6.534 | 5.703 | 183.3E6  | 302.5E6 | 48.940  | 51.204 |
| 15)                         | B Endosulfa...  | 6.747 | 5.995 | 198.5E6  | 306.2E6 | 45.062  | 53.552 |
| 16)                         | A 4,4'-DDD      | 6.667 | 5.851 | 165.0E6  | 287.5E6 | 52.285  | 55.049 |
| 17)                         | MA 4,4'-DDT     | 6.981 | 6.103 | 169.9E6  | 288.4E6 | 48.510  | 52.657 |
| 18)                         | B Endrin al...  | 6.875 | 6.173 | 132.2E6  | 215.9E6 | 50.806  | 52.133 |
| 19)                         | B Endosulfa...  | 7.110 | 6.396 | 175.4E6  | 297.3E6 | 51.075  | 53.067 |
| 20)                         | A Methoxychlor  | 7.454 | 6.675 | 80873219 | 152.8E6 | 46.599  | 50.933 |
| 21)                         | B Endrin ke...  | 7.589 | 6.901 | 188.4E6  | 344.6E6 | 52.992  | 55.053 |
| 22)                         | Mirex           | 8.067 | 7.091 | 150.4E6  | 261.3E6 | 50.258  | 53.800 |
| -----                       |                 |       |       |          |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090625\  
Data File : PL097077.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Sep 2025 17:56  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

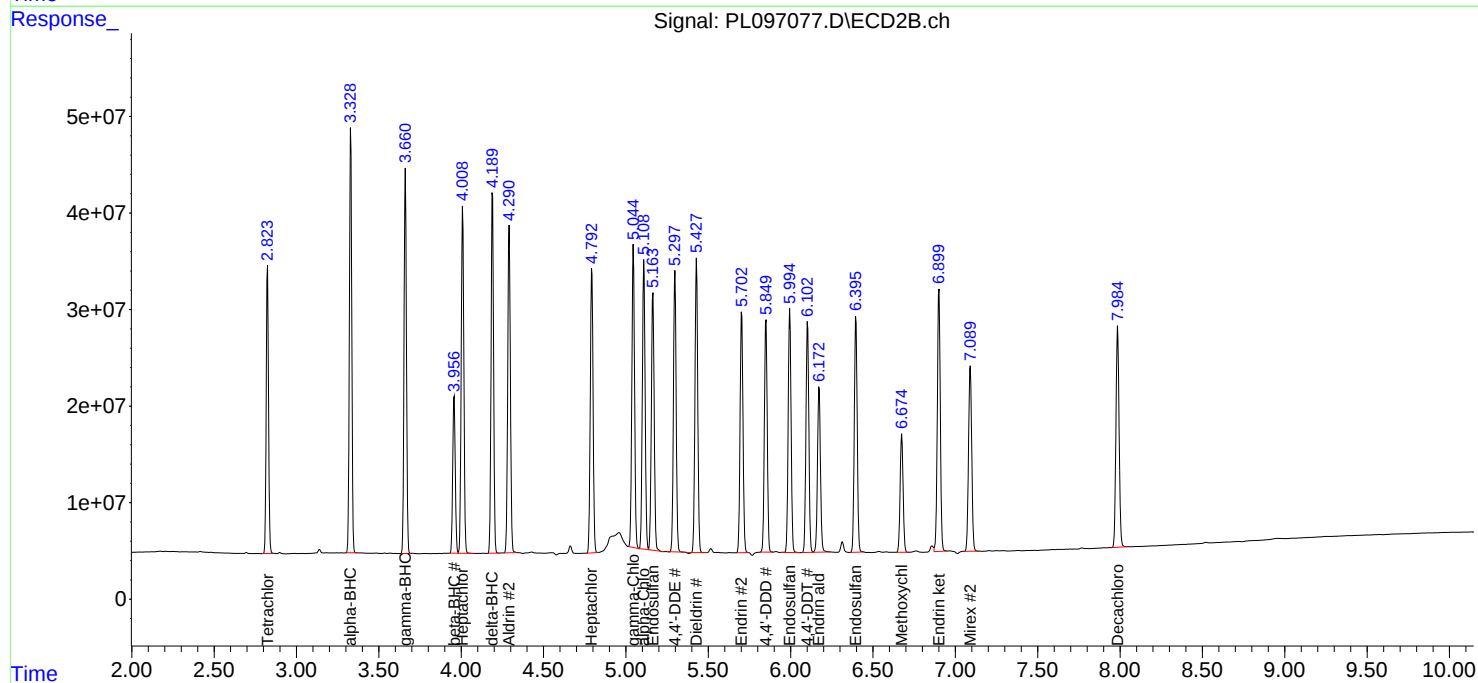
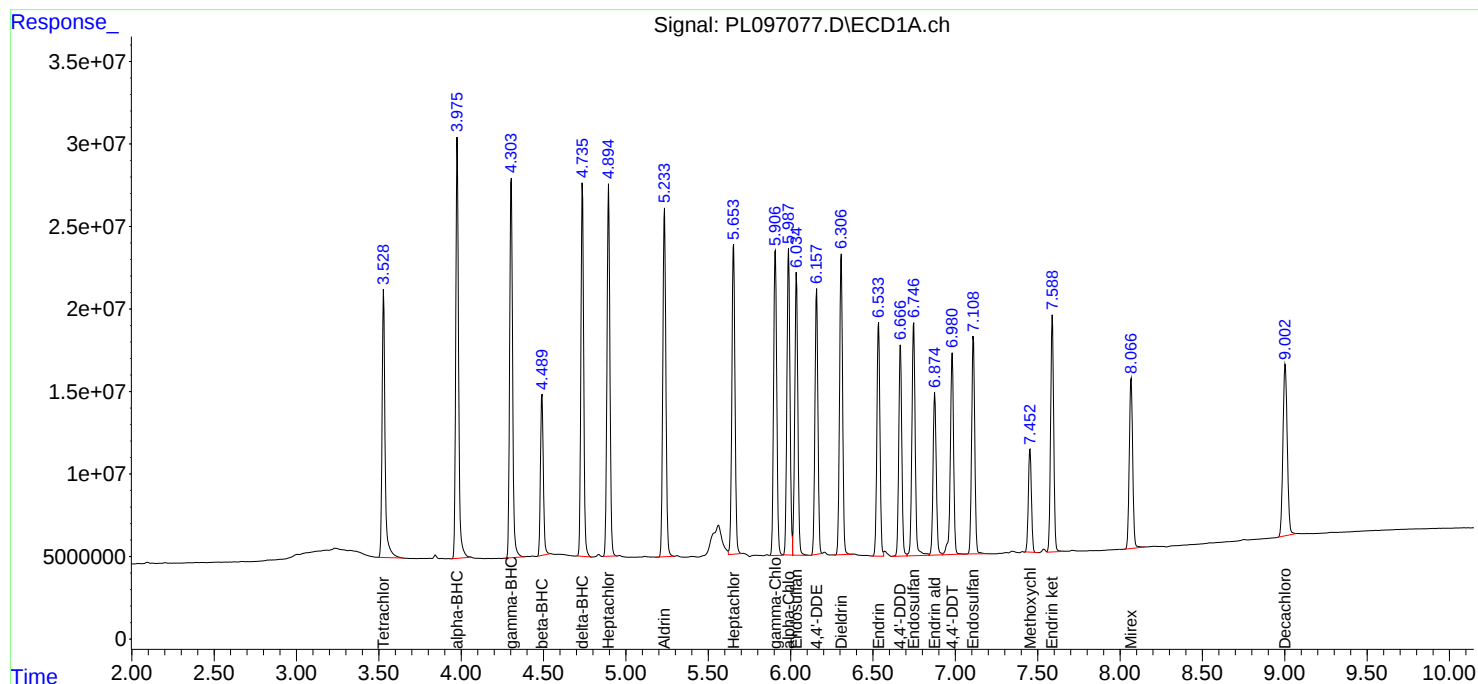
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

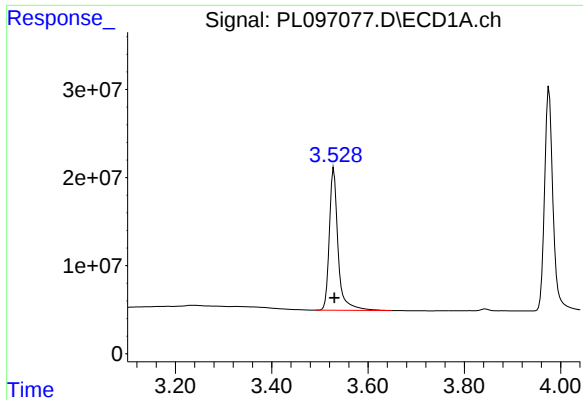
Manual Integrations  
APPROVED

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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 06 01:44:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082025.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 21 06:34:01 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.: 3.529 min  
Delta R.T.: -0.001 min  
Response: 203818815  
Conc: 51.68 ng/ml

Instrument :

ECD\_L

ClientSampleId :

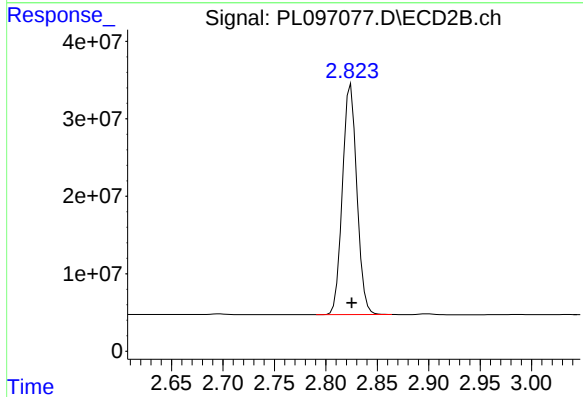
PSTDCCC050

Manual Integrations

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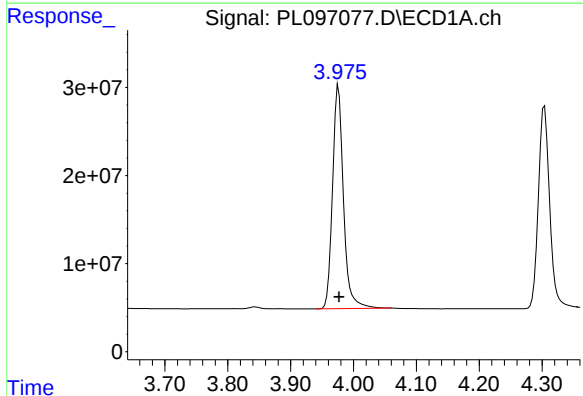
Reviewed By :Abdul Mirza 09/08/2025

Supervised By :mohammad ahmed 09/09/2025



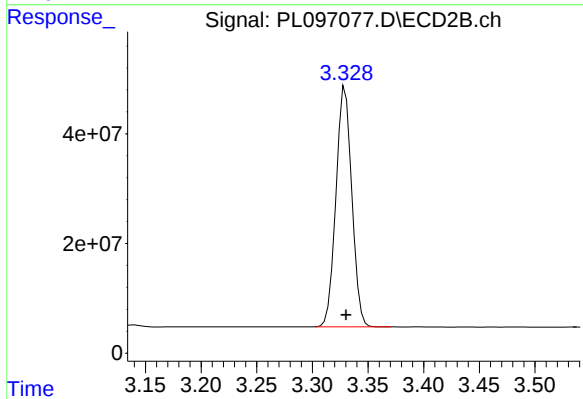
#1 Tetrachloro-m-xylene

R.T.: 2.824 min  
Delta R.T.: 0.000 min  
Response: 290189844  
Conc: 51.48 ng/ml



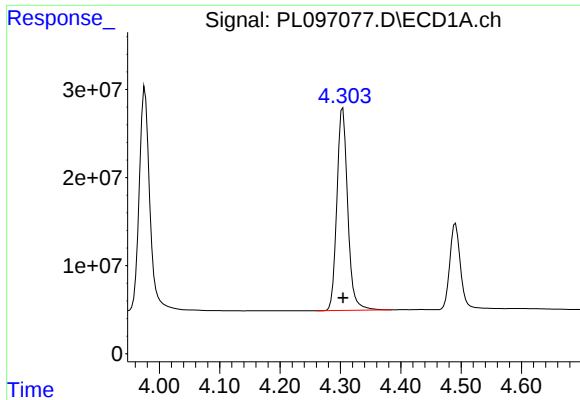
#2 alpha-BHC

R.T.: 3.976 min  
Delta R.T.: -0.001 min  
Response: 306690056  
Conc: 52.93 ng/ml



#2 alpha-BHC

R.T.: 3.330 min  
Delta R.T.: 0.000 min  
Response: 434116012  
Conc: 52.87 ng/ml



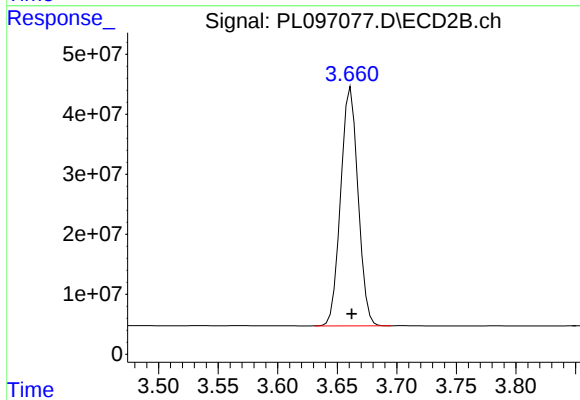
#3 gamma-BHC (Lindane)

R.T.: 4.304 min  
Delta R.T.: 0.000 min  
Response: 287162043  
Conc: 52.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

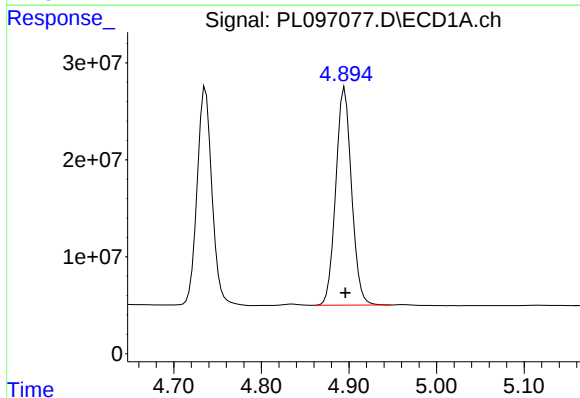
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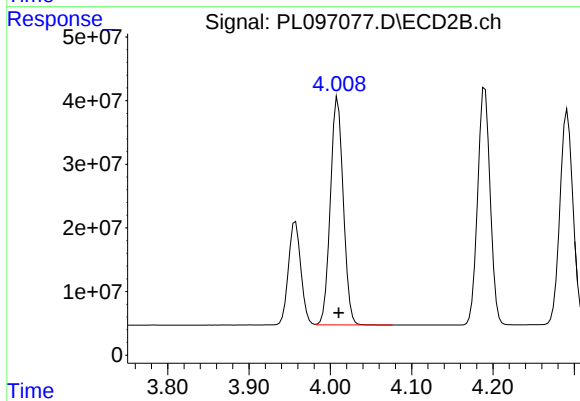
#3 gamma-BHC (Lindane)

R.T.: 3.661 min  
Delta R.T.: 0.000 min  
Response: 403653958  
Conc: 54.80 ng/ml



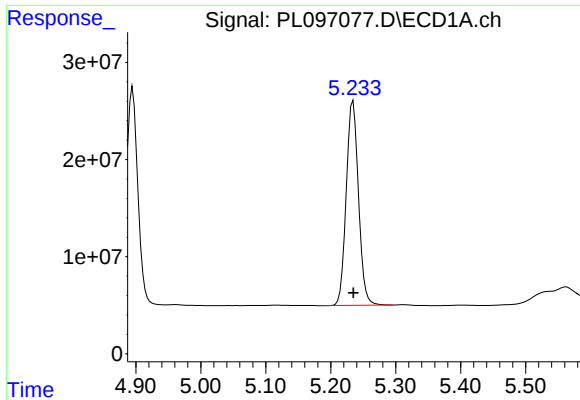
#4 Heptachlor

R.T.: 4.895 min  
Delta R.T.: 0.000 min  
Response: 280976246  
Conc: 52.69 ng/ml



#4 Heptachlor

R.T.: 4.009 min  
Delta R.T.: -0.001 min  
Response: 396212104  
Conc: 52.66 ng/ml



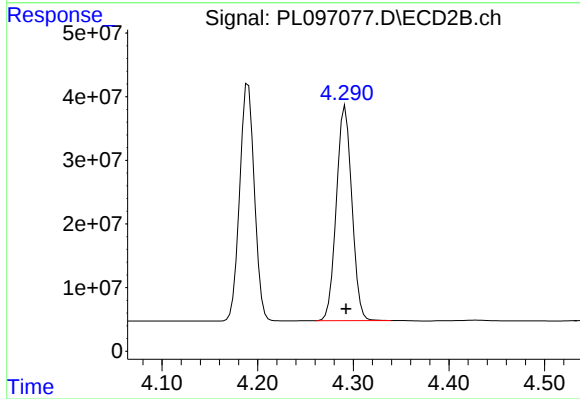
#5 Aldrin

R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 276163654  
Conc: 52.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

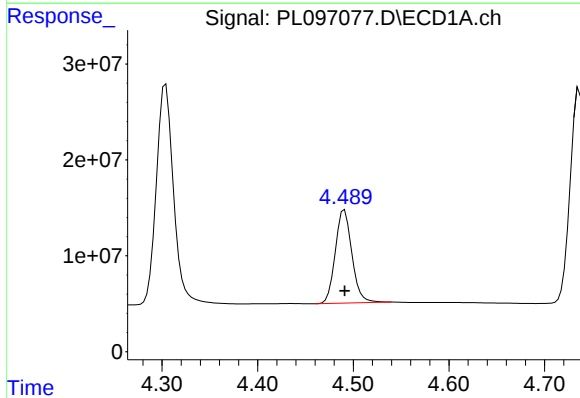
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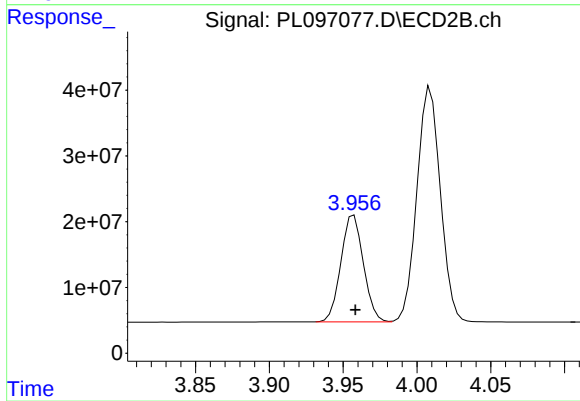
#5 Aldrin

R.T.: 4.292 min  
Delta R.T.: -0.001 min  
Response: 380247240  
Conc: 54.07 ng/ml



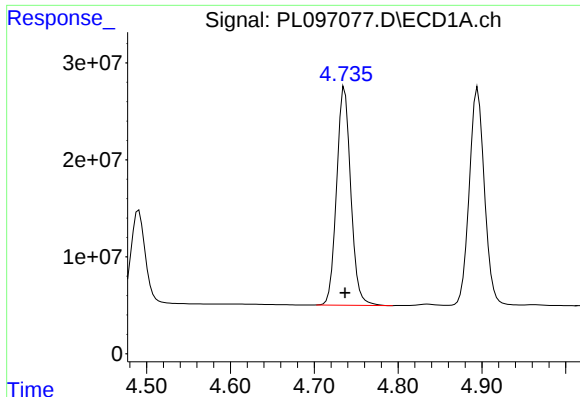
#6 beta-BHC

R.T.: 4.491 min  
Delta R.T.: 0.000 min  
Response: 117455779  
Conc: 51.36 ng/ml



#6 beta-BHC

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 172056914  
Conc: 52.74 ng/ml



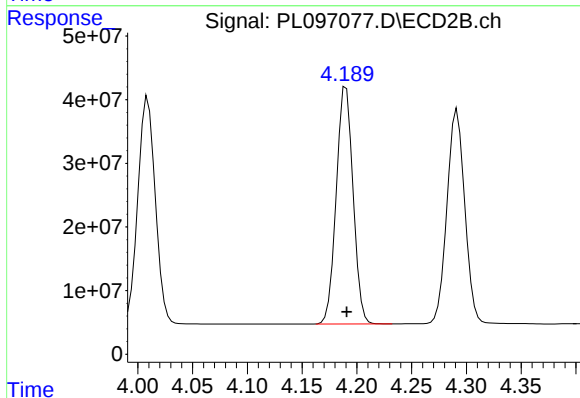
#7 delta-BHC

R.T.: 4.736 min  
Delta R.T.: 0.000 min  
Response: 264096291  
Conc: 58.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

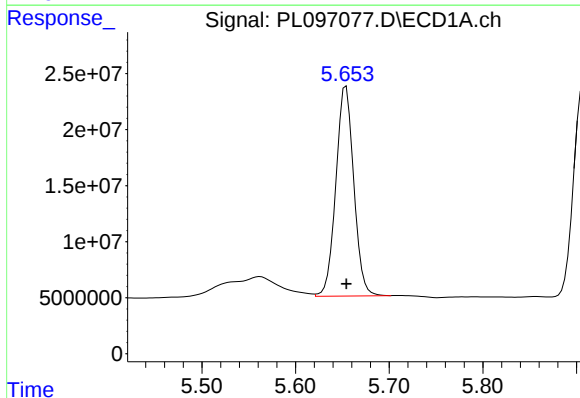
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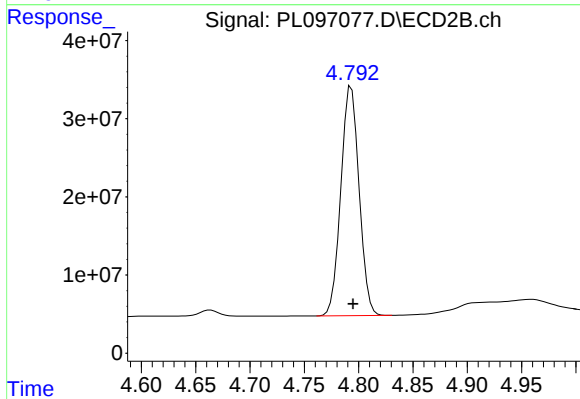
#7 delta-BHC

R.T.: 4.190 min  
Delta R.T.: 0.000 min  
Response: 397330874  
Conc: 54.07 ng/ml



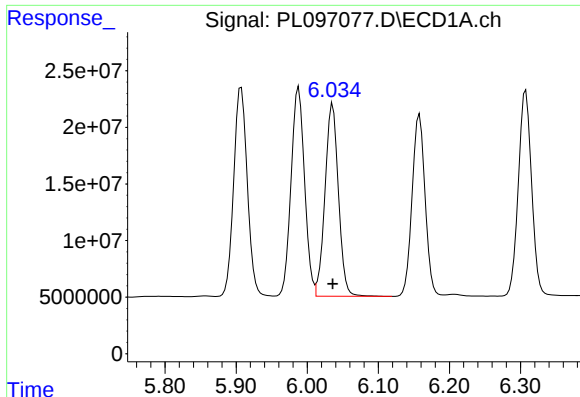
#8 Heptachlor epoxide

R.T.: 5.654 min  
Delta R.T.: 0.000 min  
Response: 248888804  
Conc: 48.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min  
Delta R.T.: -0.001 min  
Response: 343854977  
Conc: 54.36 ng/ml



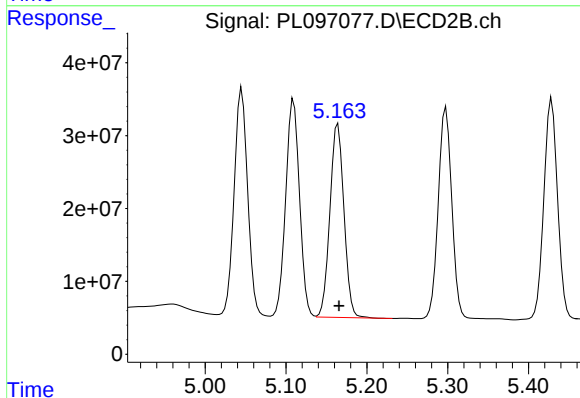
#9 Endosulfan I

R.T.: 6.036 min  
Delta R.T.: 0.000 min  
Response: 223501700  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

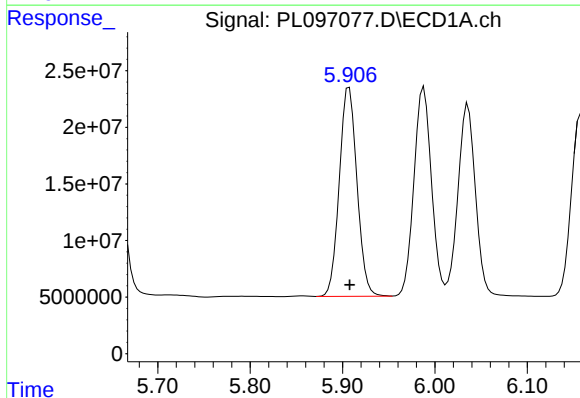
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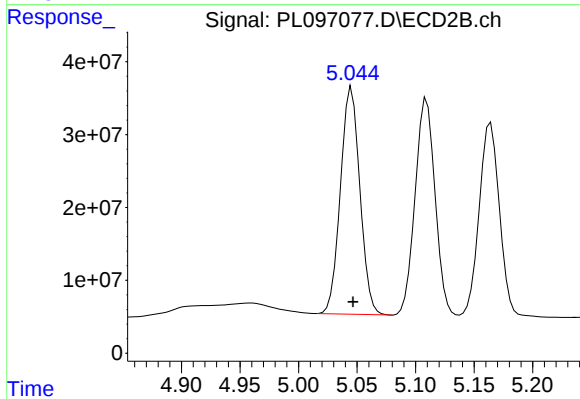
#9 Endosulfan I

R.T.: 5.164 min  
Delta R.T.: -0.001 min  
Response: 320717299  
Conc: 53.53 ng/ml



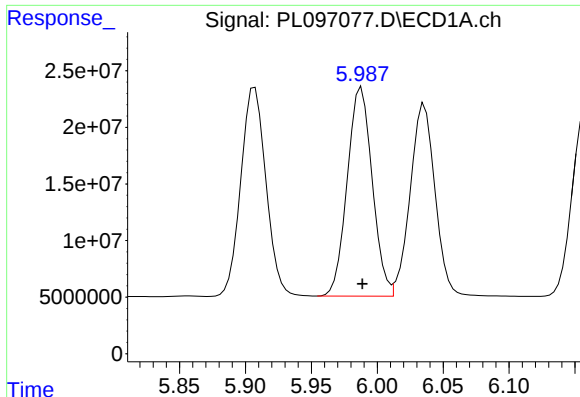
#10 gamma-Chlordane

R.T.: 5.906 min  
Delta R.T.: -0.002 min  
Response: 246082078  
Conc: 53.43 ng/ml m



#10 gamma-Chlordane

R.T.: 5.045 min  
Delta R.T.: -0.001 min  
Response: 360606620  
Conc: 54.55 ng/ml



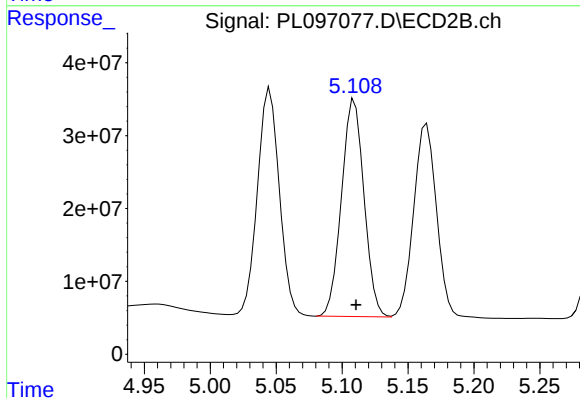
#11 alpha-Chlordane

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 243221084  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

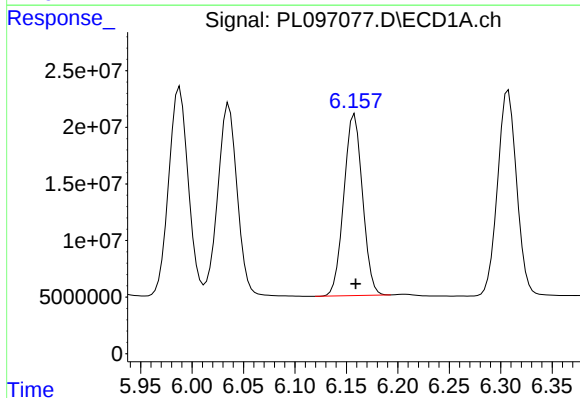
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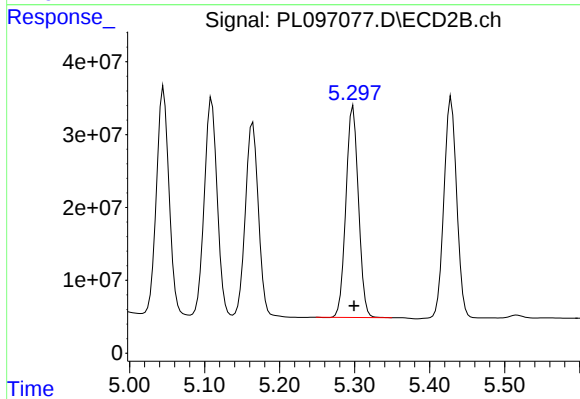
#11 alpha-Chlordane

R.T.: 5.109 min  
Delta R.T.: -0.001 min  
Response: 353862389  
Conc: 54.19 ng/ml



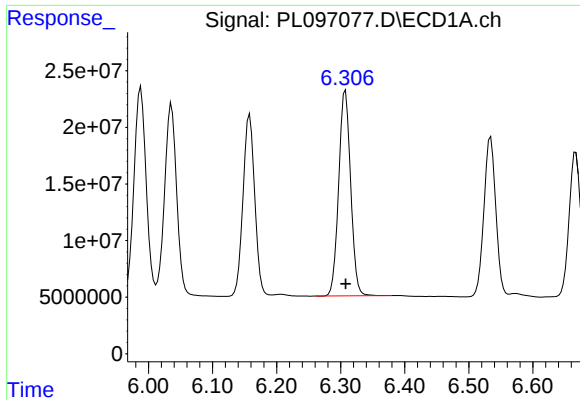
#12 4,4'-DDE

R.T.: 6.158 min  
Delta R.T.: -0.001 min  
Response: 202286946  
Conc: 50.70 ng/ml



#12 4,4'-DDE

R.T.: 5.298 min  
Delta R.T.: -0.001 min  
Response: 336347167  
Conc: 54.65 ng/ml



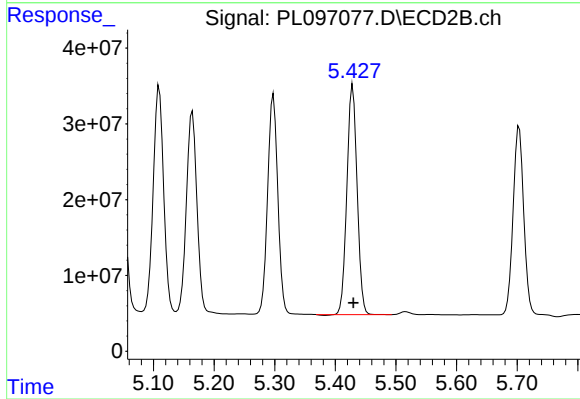
#13 Dieldrin

R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 235278089  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

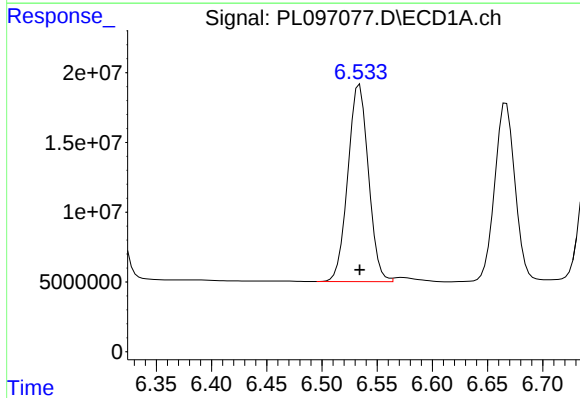
Manual Integrations  
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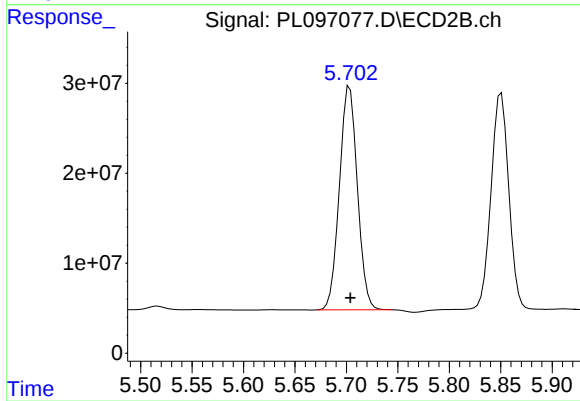
#13 Dieldrin

R.T.: 5.429 min  
Delta R.T.: -0.001 min  
Response: 35512807  
Conc: 54.25 ng/ml



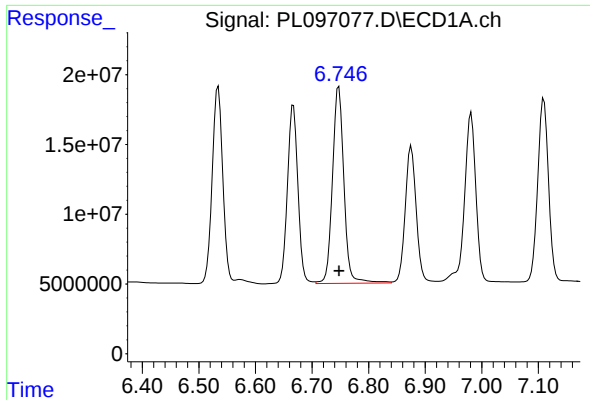
#14 Endrin

R.T.: 6.534 min  
Delta R.T.: 0.000 min  
Response: 183275541  
Conc: 48.94 ng/ml



#14 Endrin

R.T.: 5.703 min  
Delta R.T.: 0.000 min  
Response: 302471109  
Conc: 51.20 ng/ml



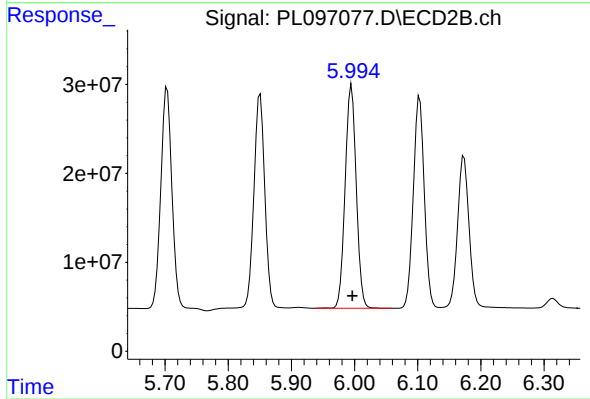
#15 Endosulfan II

R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 198501875  
Conc: 45.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

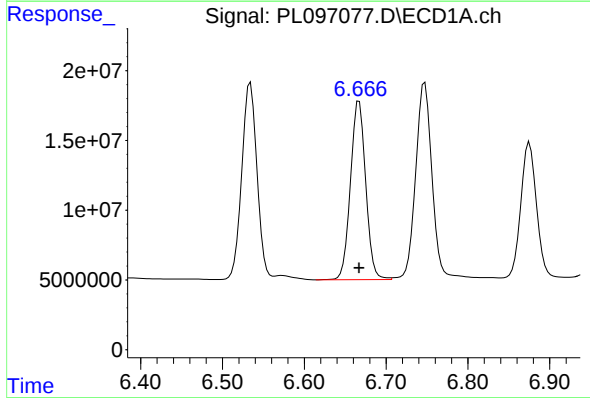
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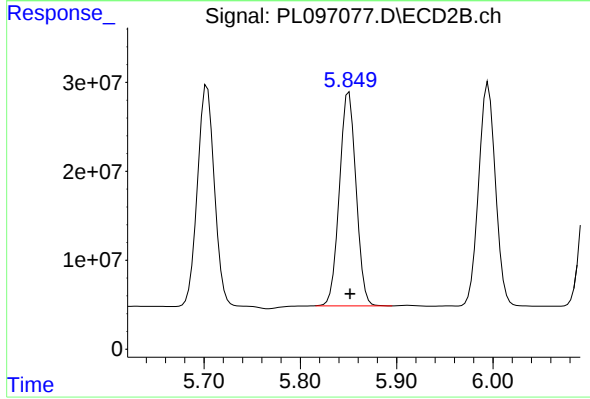
#15 Endosulfan II

R.T.: 5.995 min  
Delta R.T.: -0.001 min  
Response: 306249046  
Conc: 53.55 ng/ml



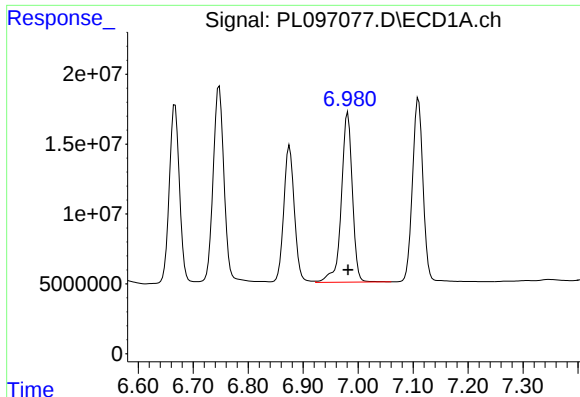
#16 4,4'-DDD

R.T.: 6.667 min  
Delta R.T.: 0.000 min  
Response: 165001077  
Conc: 52.28 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min  
Delta R.T.: 0.000 min  
Response: 287484876  
Conc: 55.05 ng/ml



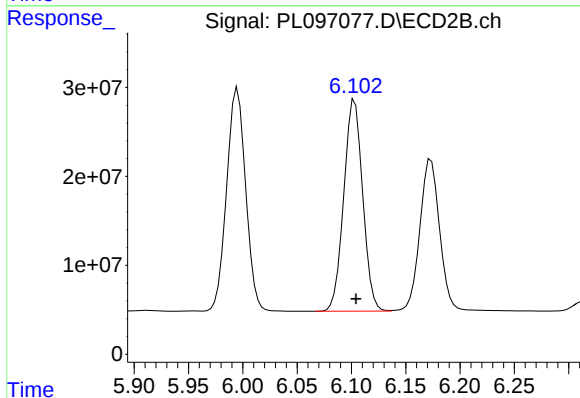
#17 4,4'-DDT

R.T.: 6.981 min  
Delta R.T.: 0.000 min  
Response: 169903728  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

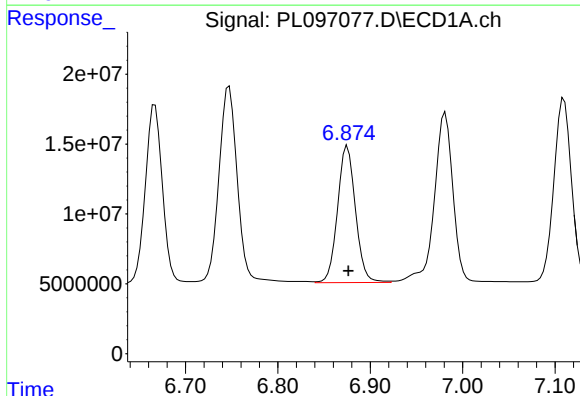
Manual Integrations  
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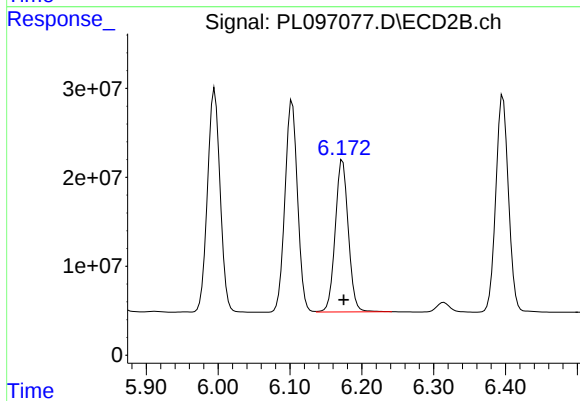
#17 4,4'-DDT

R.T.: 6.103 min  
Delta R.T.: -0.001 min  
Response: 288416163  
Conc: 52.66 ng/ml



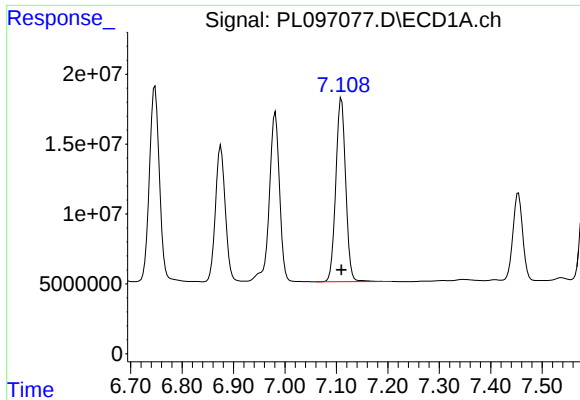
#18 Endrin aldehyde

R.T.: 6.875 min  
Delta R.T.: -0.001 min  
Response: 132167846  
Conc: 50.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.173 min  
Delta R.T.: -0.001 min  
Response: 215935925  
Conc: 52.13 ng/ml



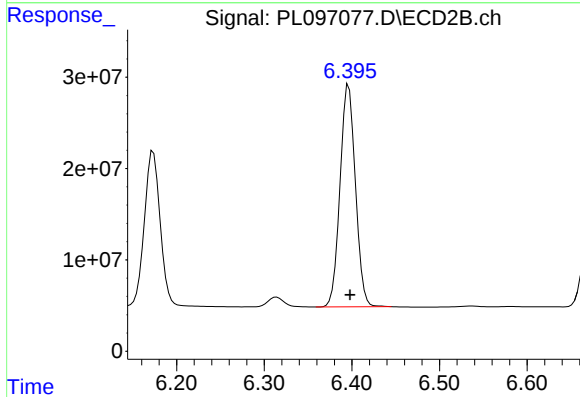
#19 Endosulfan Sulfate

R.T.: 7.110 min  
Delta R.T.: 0.000 min  
Response: 175360152  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

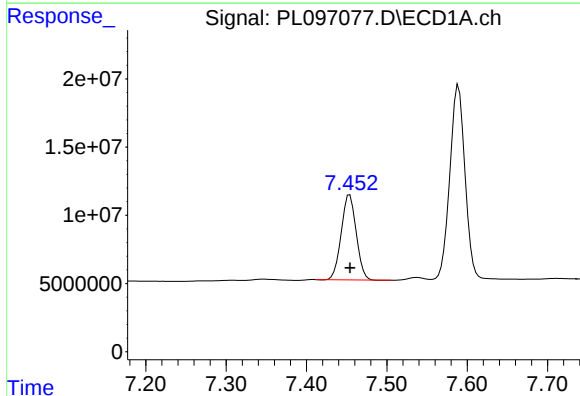
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Reviewed By :Abdul Mirza 09/08/2025  
Supervised By :mohammad ahmed 09/09/2025



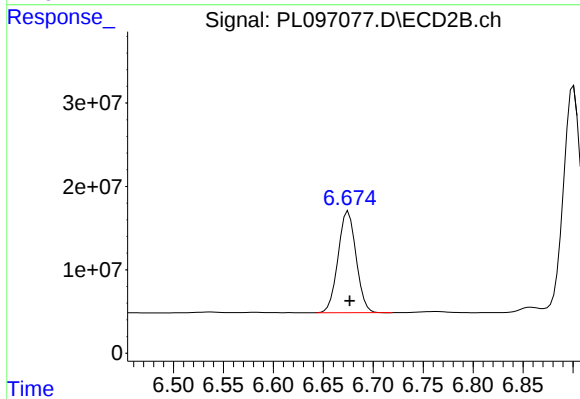
#19 Endosulfan Sulfate

R.T.: 6.396 min  
Delta R.T.: -0.002 min  
Response: 297331701  
Conc: 53.07 ng/ml



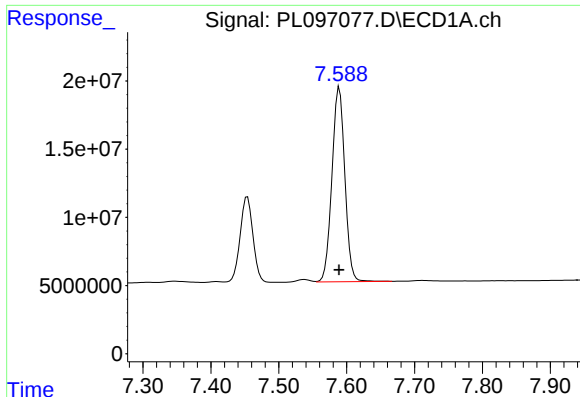
#20 Methoxychlor

R.T.: 7.454 min  
Delta R.T.: 0.000 min  
Response: 80873219  
Conc: 46.60 ng/ml



#20 Methoxychlor

R.T.: 6.675 min  
Delta R.T.: -0.001 min  
Response: 152786994  
Conc: 50.93 ng/ml



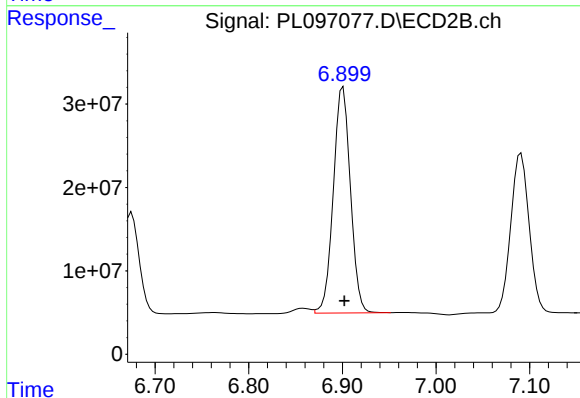
#21 Endrin ketone

R.T.: 7.589 min  
Delta R.T.: 0.000 min  
Response: 188399525  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

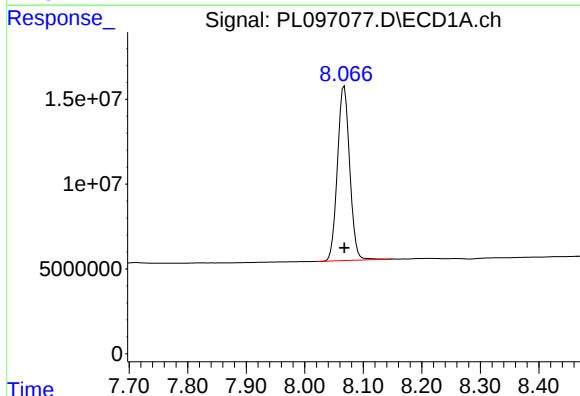
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/08/2025  
Supervised By :mohammad ahmed 09/09/2025



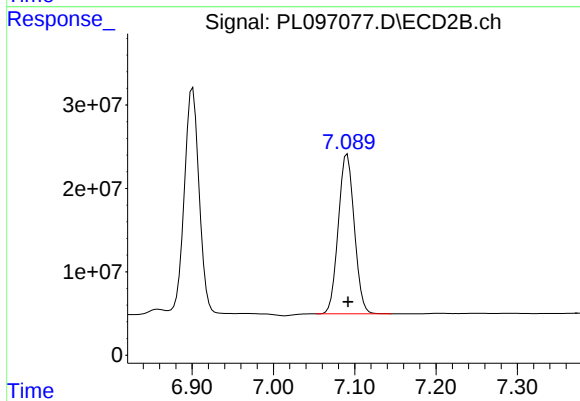
#21 Endrin ketone

R.T.: 6.901 min  
Delta R.T.: -0.001 min  
Response: 344571297  
Conc: 55.05 ng/ml



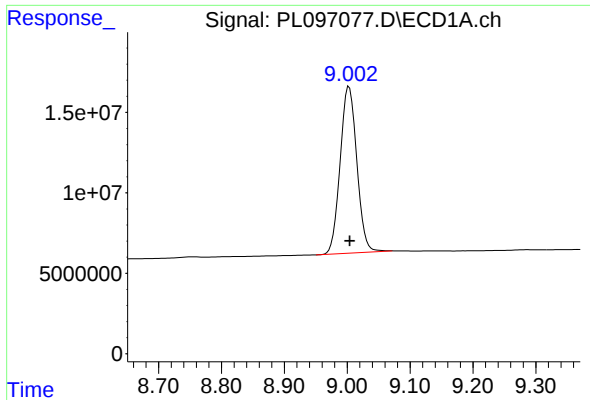
#22 Mirex

R.T.: 8.067 min  
Delta R.T.: 0.000 min  
Response: 150366593  
Conc: 50.26 ng/ml



#22 Mirex

R.T.: 7.091 min  
Delta R.T.: -0.001 min  
Response: 261283676  
Conc: 53.80 ng/ml



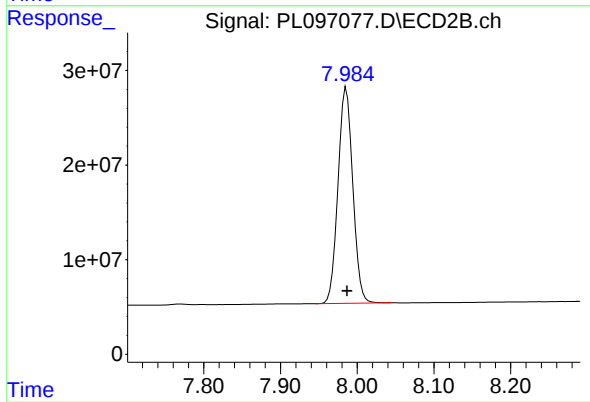
#28 Decachlorobiphenyl

R.T.: 9.003 min  
Delta R.T.: 0.000 min  
Response: 190884819  
Conc: 64.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/08/2025  
Supervised By :mohammad ahmed 09/09/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min  
Delta R.T.: 0.000 min  
Response: 306170635  
Conc: 63.84 ng/ml