

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121625\  
 Data File : PL097887.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Dec 2025 16:32  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/17/2025  
 Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 00:48:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 09 14:16:16 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... | 3.496 | 2.799 | 271.4E6 | 399.9E6 | 53.767  | 57.253  |
| 2)                          | SA Decachlor... | 8.953 | 7.946 | 188.4E6 | 326.3E6 | 49.580  | 49.612  |
| Target Compounds            |                 |       |       |         |         |         |         |
| 2)                          | A alpha-BHC     | 3.942 | 3.301 | 478.0E6 | 678.3E6 | 56.522  | 59.119  |
| 3)                          | MA gamma-BHC... | 4.270 | 3.631 | 443.3E6 | 625.6E6 | 55.299  | 58.165  |
| 4)                          | MA Heptachlor   | 4.859 | 3.977 | 418.2E6 | 548.9E6 | 52.521  | 52.808  |
| 5)                          | MB Aldrin       | 5.198 | 4.258 | 409.2E6 | 573.5E6 | 56.487  | 57.992  |
| 6)                          | B beta-BHC      | 4.460 | 3.928 | 181.6E6 | 264.0E6 | 54.243  | 56.945  |
| 7)                          | B delta-BHC     | 4.703 | 4.159 | 434.5E6 | 630.2E6 | 56.100m | 58.971  |
| 8)                          | B Heptachlo...  | 5.616 | 4.758 | 358.7E6 | 515.2E6 | 53.914m | 57.225  |
| 9)                          | A Endosulfan I  | 5.998 | 5.128 | 329.9E6 | 499.4E6 | 56.034  | 49.014  |
| 10)                         | B gamma-Chl...  | 5.871 | 5.010 | 364.9E6 | 589.8E6 | 56.210  | 57.911  |
| 11)                         | B alpha-Chl...  | 5.951 | 5.074 | 356.8E6 | 557.1E6 | 54.949  | 54.324  |
| 12)                         | B 4,4'-DDE      | 6.122 | 5.261 | 321.2E6 | 512.1E6 | 54.680  | 58.117m |
| 13)                         | MA Dieldrin     | 6.270 | 5.393 | 348.3E6 | 545.7E6 | 56.766  | 58.233  |
| 14)                         | MA Endrin       | 6.496 | 5.667 | 270.9E6 | 463.4E6 | 52.301  | 55.452  |
| 15)                         | B Endosulfa...  | 6.709 | 5.959 | 286.5E6 | 463.2E6 | 56.062m | 55.966  |
| 16)                         | A 4,4'-DDD      | 6.630 | 5.815 | 269.5E6 | 442.5E6 | 58.176m | 58.990  |
| 17)                         | MA 4,4'-DDT     | 6.944 | 6.067 | 237.3E6 | 353.3E6 | 49.531  | 46.063  |
| 18)                         | B Endrin al...  | 6.840 | 6.137 | 204.7E6 | 343.0E6 | 51.944  | 53.724  |
| 19)                         | B Endosulfa...  | 7.072 | 6.361 | 265.2E6 | 455.5E6 | 53.496  | 55.950  |
| 20)                         | A Methoxychlor  | 7.418 | 6.638 | 117.4E6 | 184.4E6 | 46.639  | 44.119  |
| 21)                         | B Endrin ke...  | 7.551 | 6.864 | 284.7E6 | 500.5E6 | 54.781  | 56.105  |
| 22)                         | Mirex           | 8.027 | 7.051 | 183.5E6 | 336.9E6 | 53.216  | 52.185  |
| -----                       |                 |       |       |         |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121625\  
Data File : PL097887.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Dec 2025 16:32  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

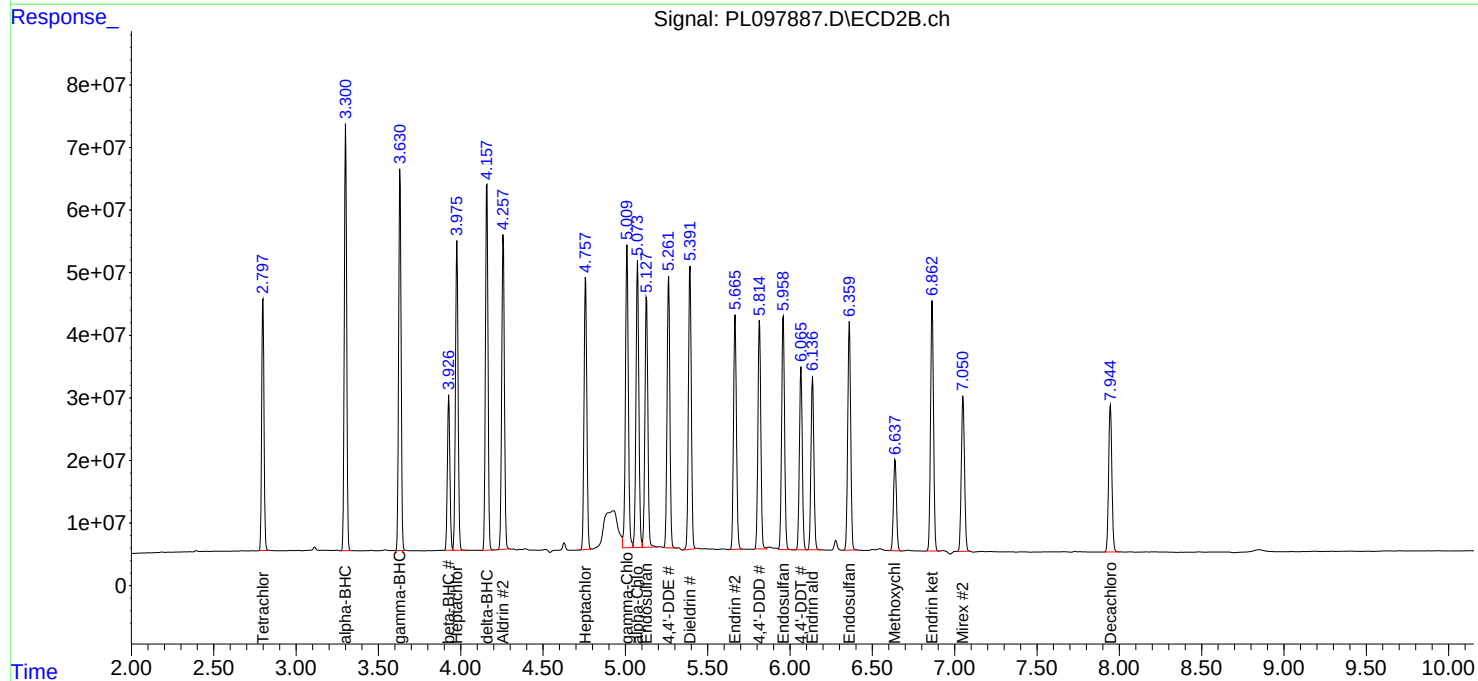
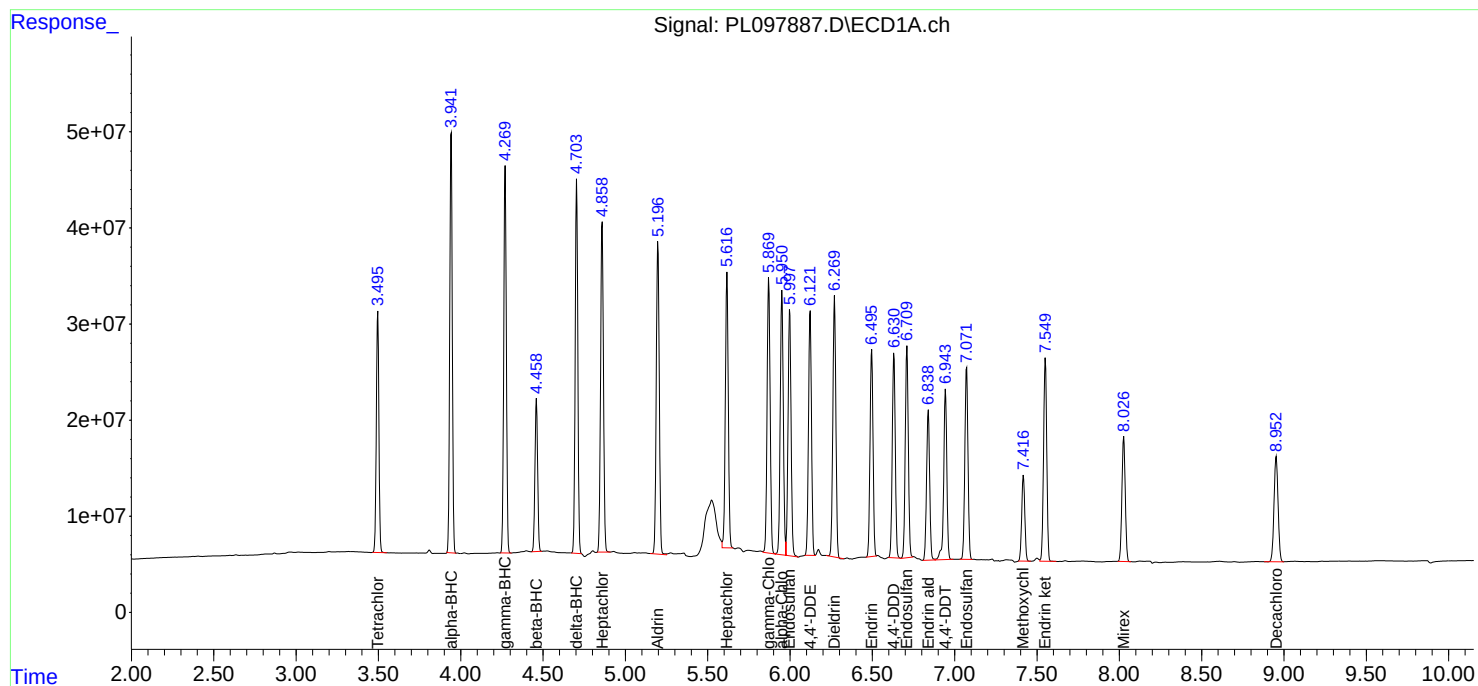
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

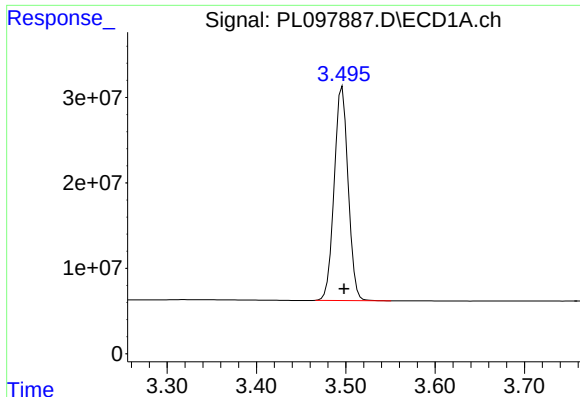
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 12/17/2025  
Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 00:48:50 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120925.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 09 14:16:16 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





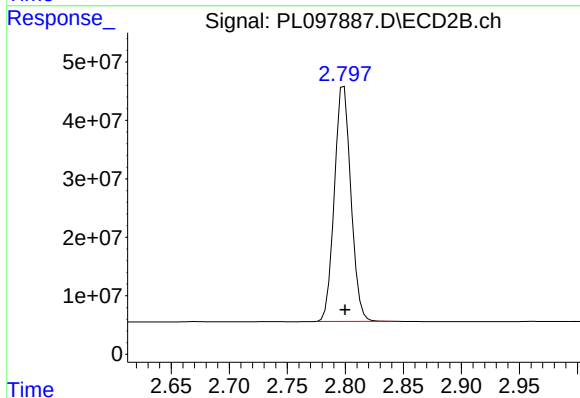
#1 Tetrachloro-m-xylene

R.T.: 3.496 min  
Delta R.T.: -0.002 min  
Response: 271361176  
Conc: 53.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

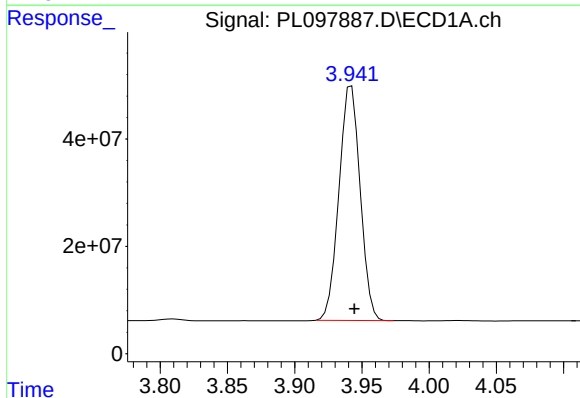
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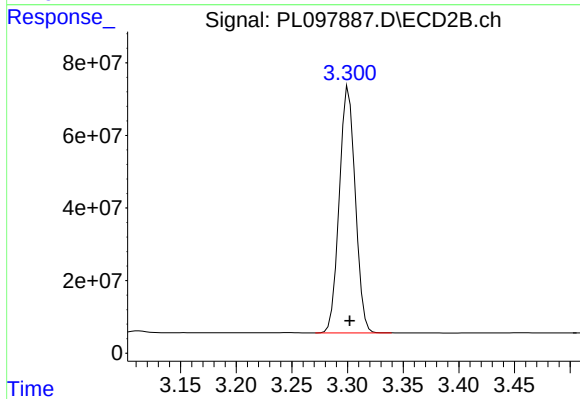
#1 Tetrachloro-m-xylene

R.T.: 2.799 min  
Delta R.T.: 0.000 min  
Response: 399922388  
Conc: 57.25 ng/ml



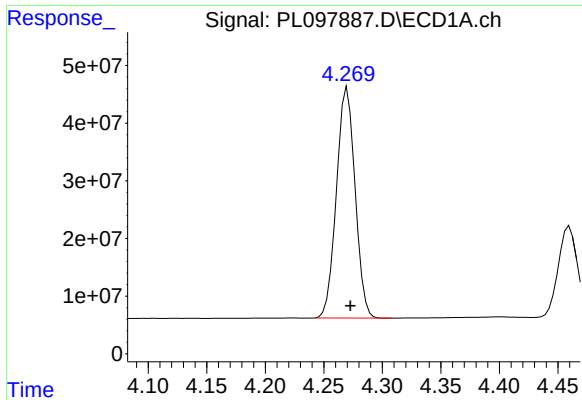
#2 alpha-BHC

R.T.: 3.942 min  
Delta R.T.: -0.002 min  
Response: 477991479  
Conc: 56.52 ng/ml



#2 alpha-BHC

R.T.: 3.301 min  
Delta R.T.: -0.001 min  
Response: 678318338  
Conc: 59.12 ng/ml



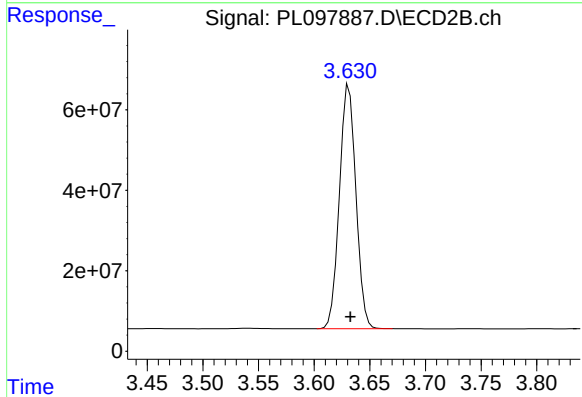
#3 gamma-BHC (Lindane)

R.T.: 4.270 min  
Delta R.T.: -0.003 min  
Response: 443313124  
Conc: 55.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

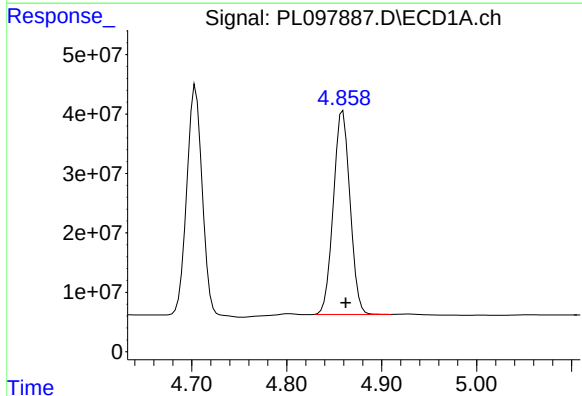
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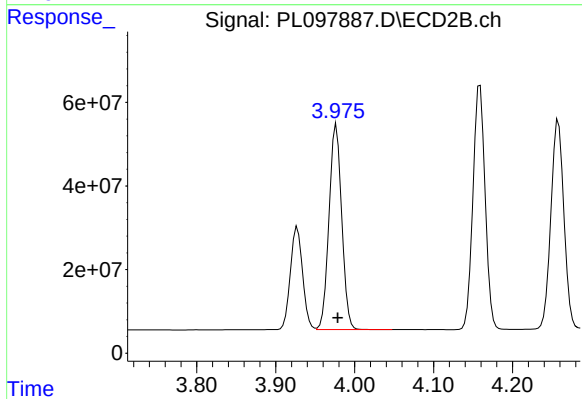
#3 gamma-BHC (Lindane)

R.T.: 3.631 min  
Delta R.T.: -0.001 min  
Response: 625623974  
Conc: 58.17 ng/ml



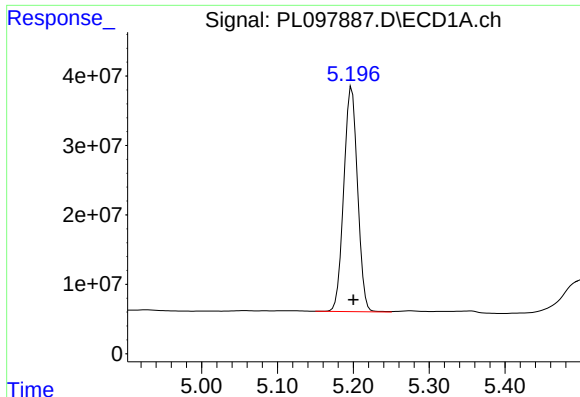
#4 Heptachlor

R.T.: 4.859 min  
Delta R.T.: -0.003 min  
Response: 418179533  
Conc: 52.52 ng/ml



#4 Heptachlor

R.T.: 3.977 min  
Delta R.T.: -0.002 min  
Response: 548943809  
Conc: 52.81 ng/ml



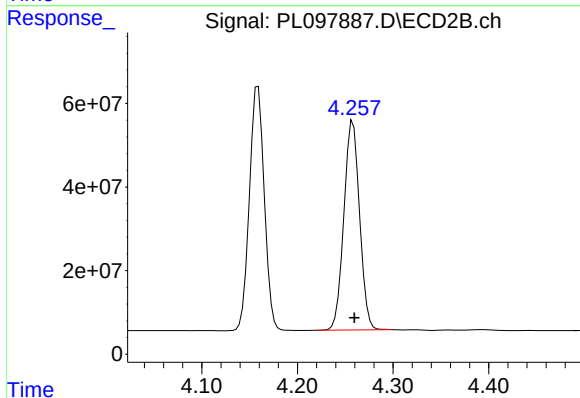
#5 Aldrin

R.T.: 5.198 min  
Delta R.T.: -0.002 min  
Response: 409222466  
Conc: 56.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

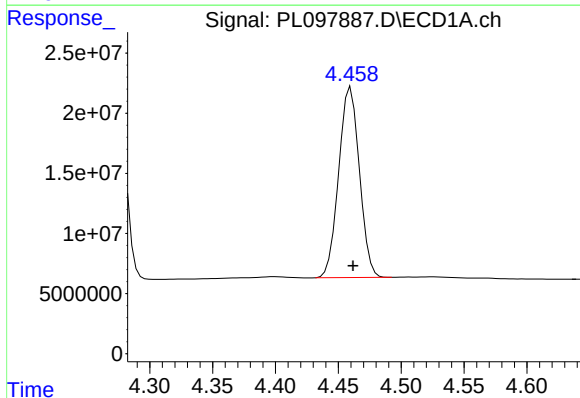
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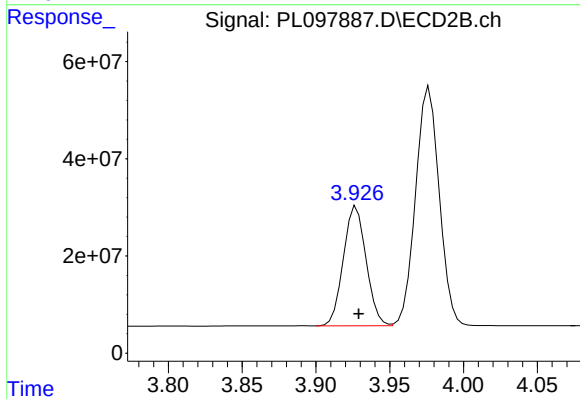
#5 Aldrin

R.T.: 4.258 min  
Delta R.T.: -0.002 min  
Response: 573520522  
Conc: 57.99 ng/ml



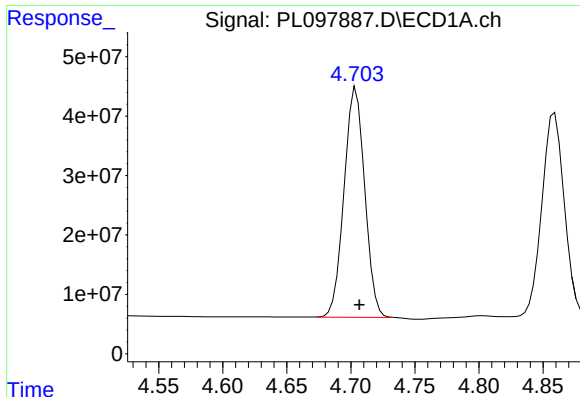
#6 beta-BHC

R.T.: 4.460 min  
Delta R.T.: -0.002 min  
Response: 181612562  
Conc: 54.24 ng/ml



#6 beta-BHC

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 264011782  
Conc: 56.94 ng/ml



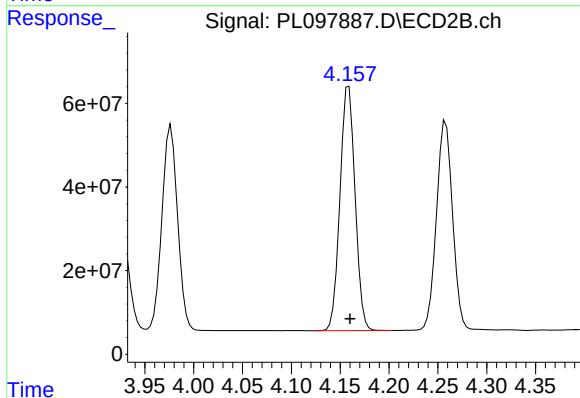
#7 delta-BHC

R.T.: 4.703 min  
Delta R.T.: -0.004 min  
Response: 434508884  
Conc: 56.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

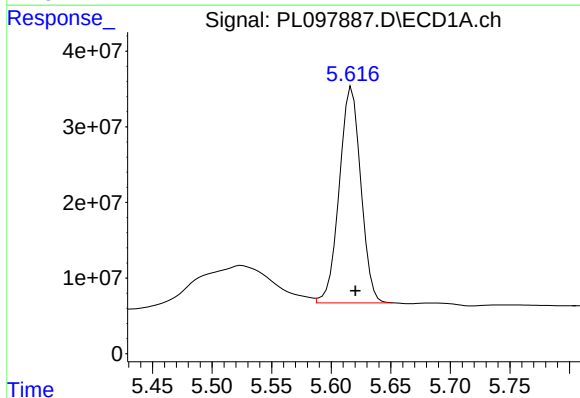
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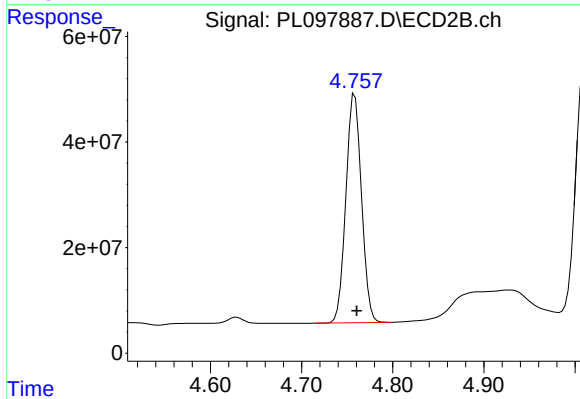
#7 delta-BHC

R.T.: 4.159 min  
Delta R.T.: -0.001 min  
Response: 630233450  
Conc: 58.97 ng/ml



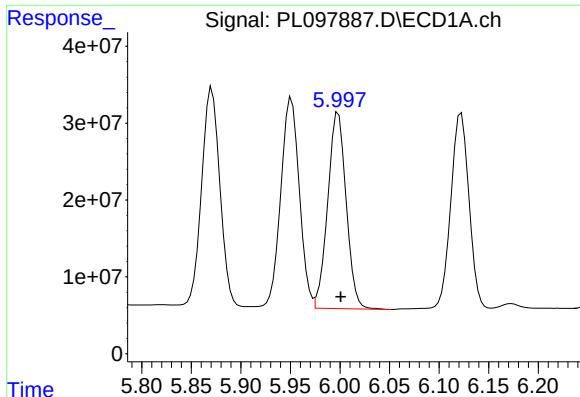
#8 Heptachlor epoxide

R.T.: 5.616 min  
Delta R.T.: -0.004 min  
Response: 358702623  
Conc: 53.91 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.758 min  
Delta R.T.: -0.002 min  
Response: 515244822  
Conc: 57.23 ng/ml



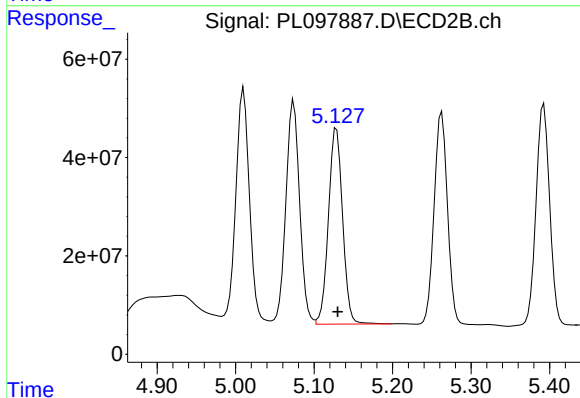
#9 Endosulfan I

R.T.: 5.998 min  
Delta R.T.: -0.002 min  
Response: 329897064  
Conc: 56.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

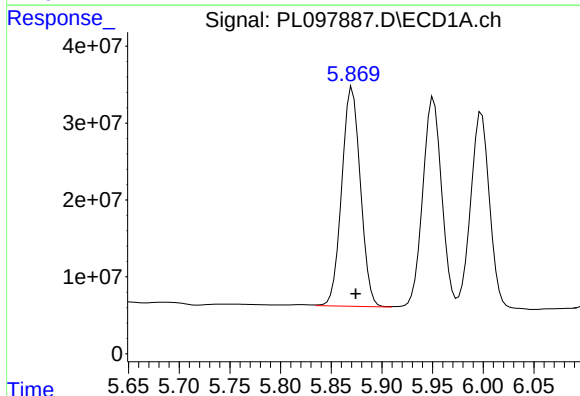
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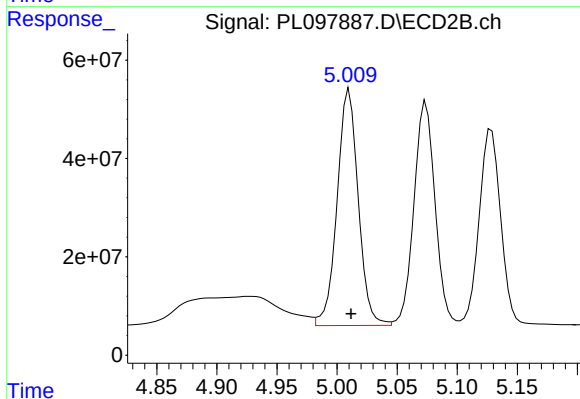
#9 Endosulfan I

R.T.: 5.128 min  
Delta R.T.: -0.002 min  
Response: 499372489  
Conc: 49.01 ng/ml



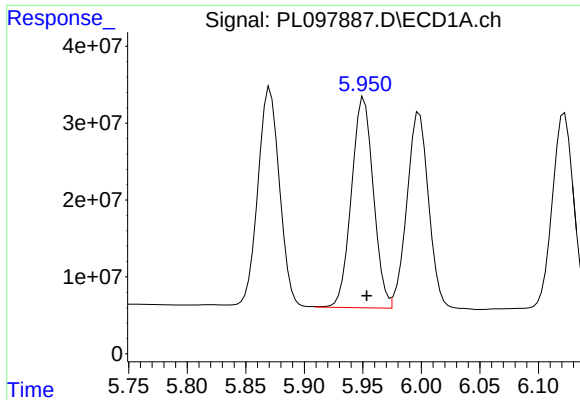
#10 gamma-Chlordane

R.T.: 5.871 min  
Delta R.T.: -0.003 min  
Response: 364889103  
Conc: 56.21 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min  
Delta R.T.: -0.002 min  
Response: 589828224  
Conc: 57.91 ng/ml



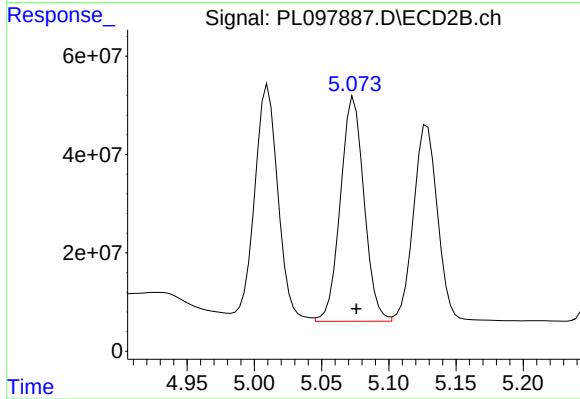
#11 alpha-Chlordane

R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 356784359  
Conc: 54.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

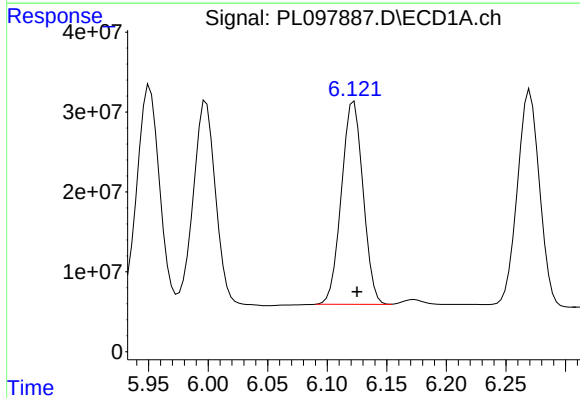
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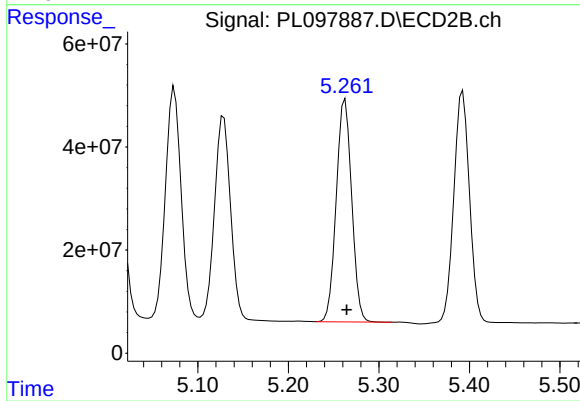
#11 alpha-Chlordane

R.T.: 5.074 min  
Delta R.T.: -0.002 min  
Response: 557083450  
Conc: 54.32 ng/ml



#12 4,4'-DDE

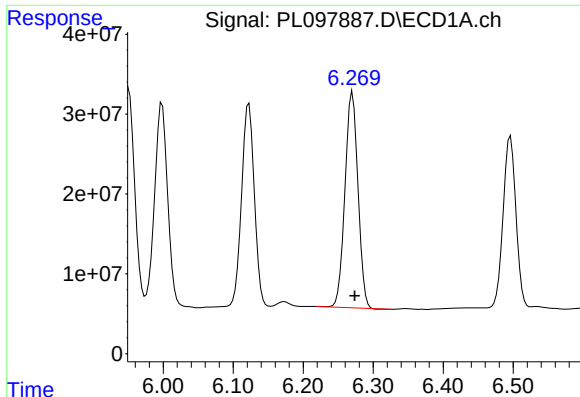
R.T.: 6.122 min  
Delta R.T.: -0.003 min  
Response: 321155978  
Conc: 54.68 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min  
Delta R.T.: -0.003 min  
Response: 512059643  
Conc: 58.12 ng/ml m





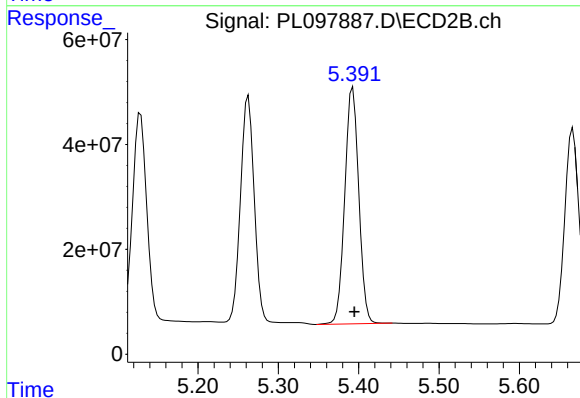
#13 Dieldrin

R.T.: 6.270 min  
Delta R.T.: -0.003 min  
Response: 348346313  
Conc: 56.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

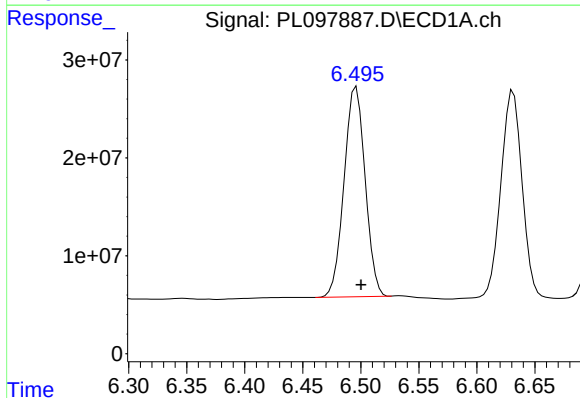
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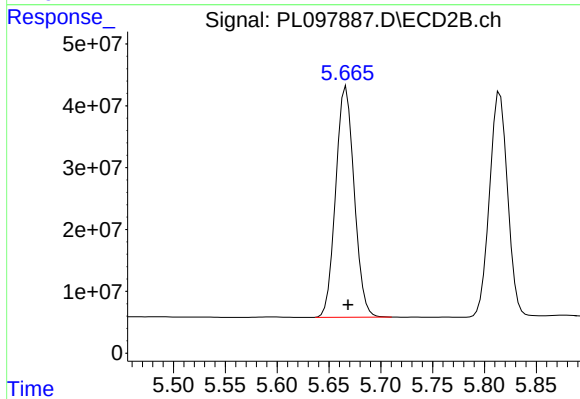
#13 Dieldrin

R.T.: 5.393 min  
Delta R.T.: -0.002 min  
Response: 545672306  
Conc: 58.23 ng/ml



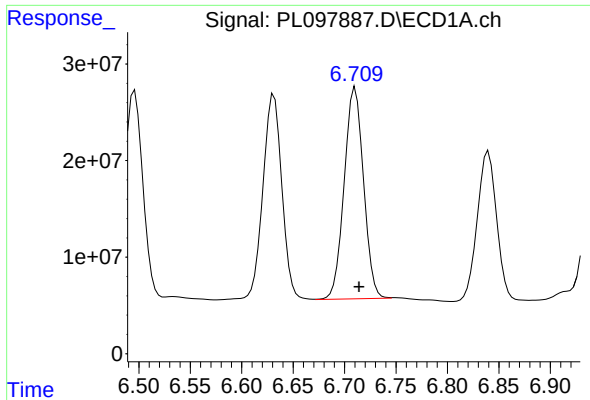
#14 Endrin

R.T.: 6.496 min  
Delta R.T.: -0.004 min  
Response: 270892463  
Conc: 52.30 ng/ml



#14 Endrin

R.T.: 5.667 min  
Delta R.T.: -0.002 min  
Response: 463407410  
Conc: 55.45 ng/ml



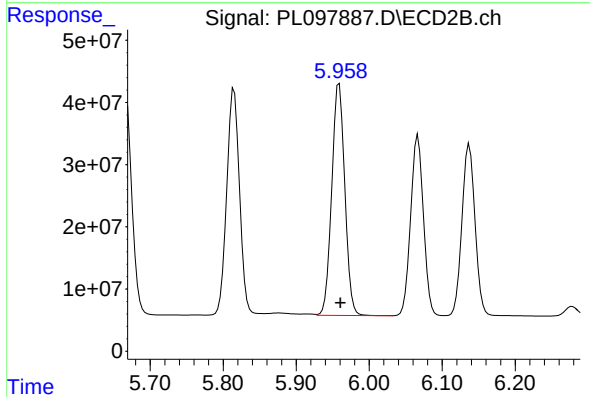
#15 Endosulfan II

R.T.: 6.709 min  
Delta R.T.: -0.005 min  
Response: 286477339  
Conc: 56.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

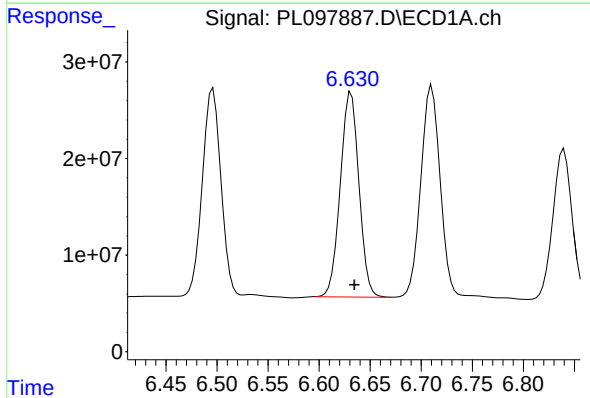
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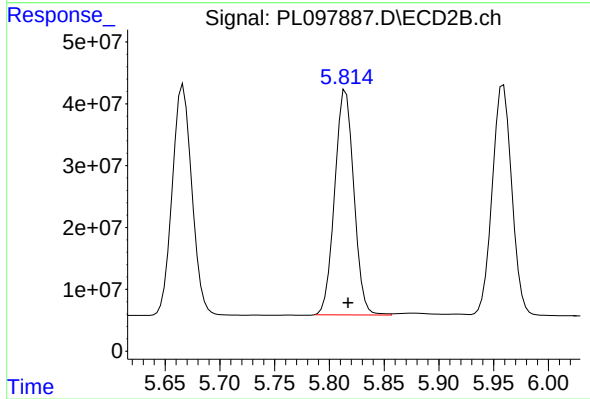
#15 Endosulfan II

R.T.: 5.959 min  
Delta R.T.: -0.002 min  
Response: 463229355  
Conc: 55.97 ng/ml



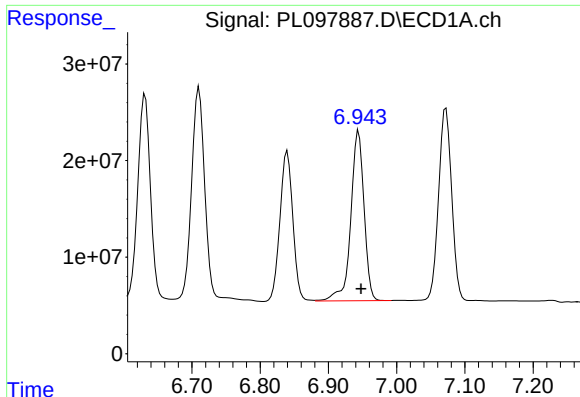
#16 4,4'-DDD

R.T.: 6.630 min  
Delta R.T.: -0.005 min  
Response: 269471192  
Conc: 58.18 ng/ml m



#16 4,4'-DDD

R.T.: 5.815 min  
Delta R.T.: -0.002 min  
Response: 442485275  
Conc: 58.99 ng/ml



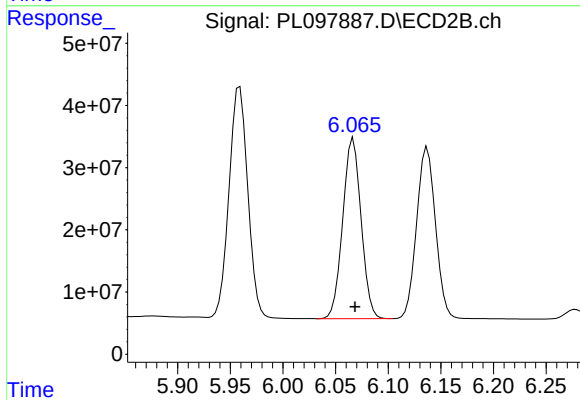
#17 4,4'-DDT

R.T.: 6.944 min  
Delta R.T.: -0.003 min  
Response: 237268824  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

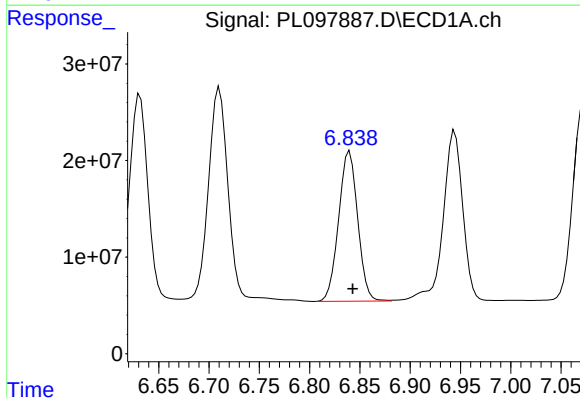
Manual Integrations  
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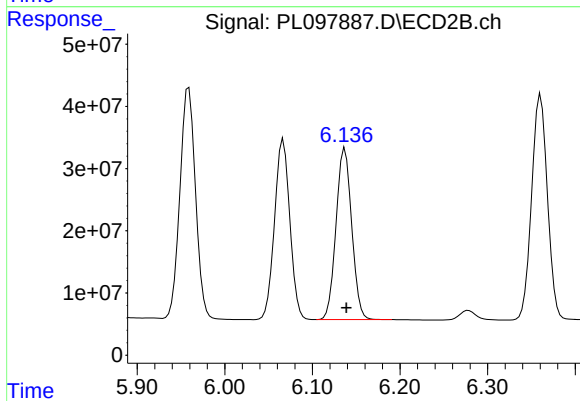
#17 4,4'-DDT

R.T.: 6.067 min  
Delta R.T.: -0.002 min  
Response: 353334940  
Conc: 46.06 ng/ml



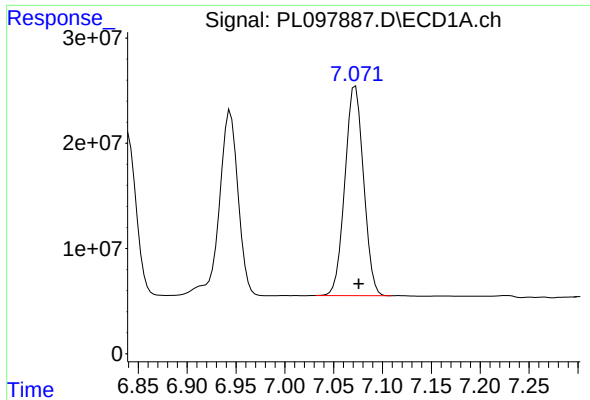
#18 Endrin aldehyde

R.T.: 6.840 min  
Delta R.T.: -0.003 min  
Response: 204677096  
Conc: 51.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.137 min  
Delta R.T.: -0.002 min  
Response: 343028244  
Conc: 53.72 ng/ml



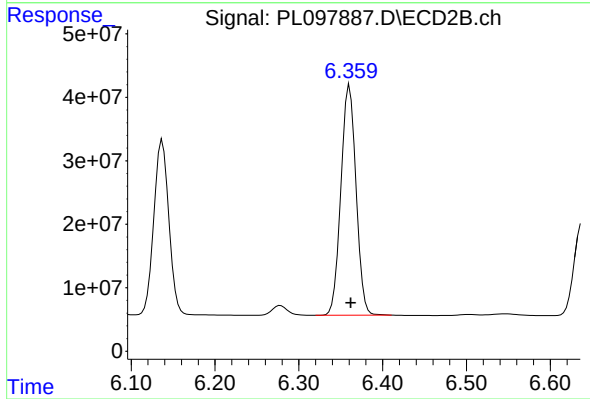
#19 Endosulfan Sulfate

R.T.: 7.072 min  
Delta R.T.: -0.003 min  
Response: 265200819  
Conc: 53.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

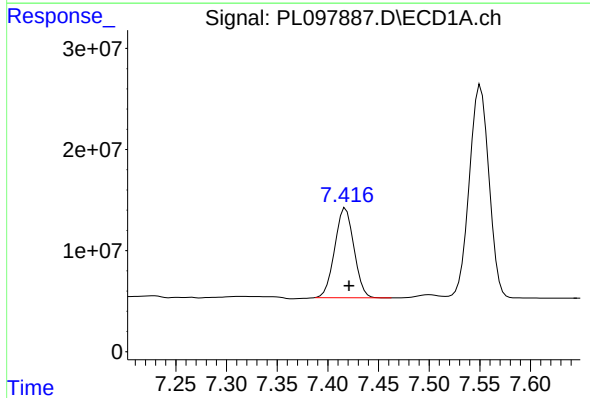
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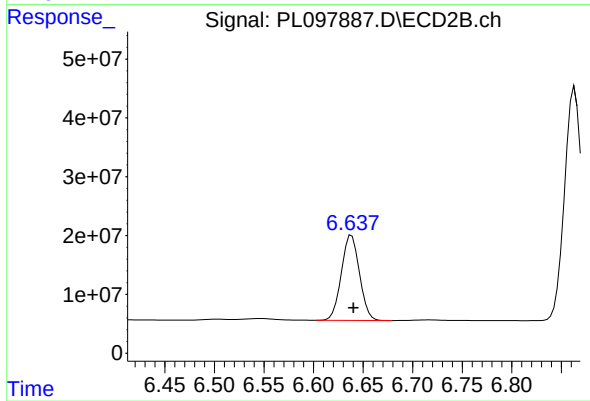
#19 Endosulfan Sulfate

R.T.: 6.361 min  
Delta R.T.: -0.001 min  
Response: 455487927  
Conc: 55.95 ng/ml



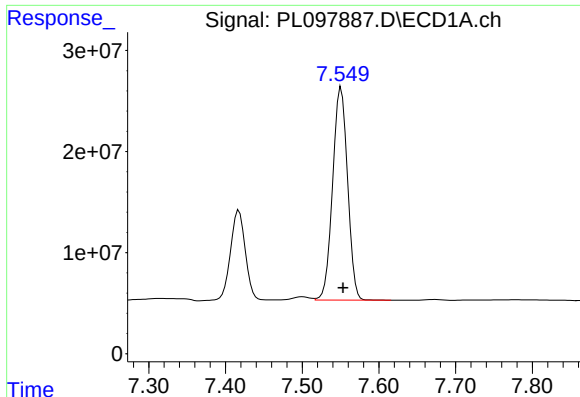
#20 Methoxychlor

R.T.: 7.418 min  
Delta R.T.: -0.003 min  
Response: 117385296  
Conc: 46.64 ng/ml



#20 Methoxychlor

R.T.: 6.638 min  
Delta R.T.: -0.002 min  
Response: 184372169  
Conc: 44.12 ng/ml



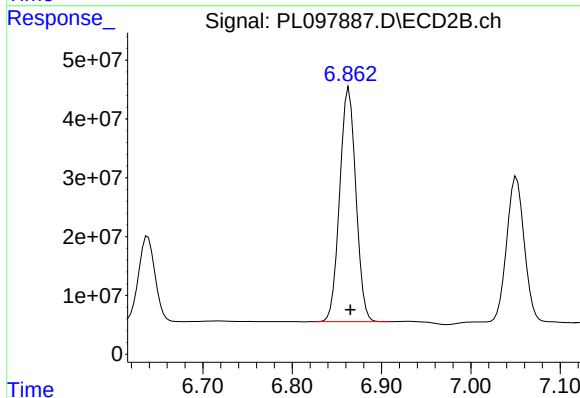
#21 Endrin ketone

R.T.: 7.551 min  
Delta R.T.: -0.002 min  
Response: 284674932  
Conc: 54.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

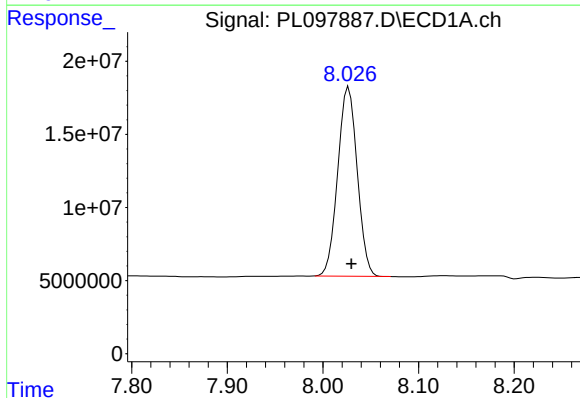
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/17/2025  
Supervised By :Yogesh Patel 12/17/2025



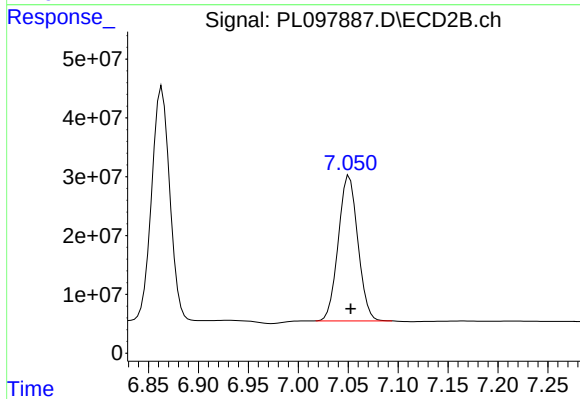
#21 Endrin ketone

R.T.: 6.864 min  
Delta R.T.: -0.001 min  
Response: 500509568  
Conc: 56.11 ng/ml



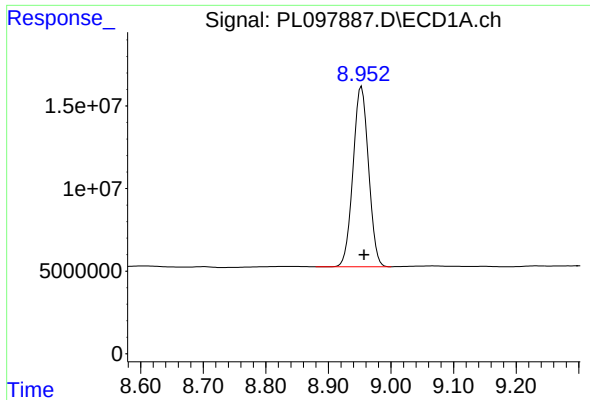
#22 Mirex

R.T.: 8.027 min  
Delta R.T.: -0.003 min  
Response: 183538145  
Conc: 53.22 ng/ml



#22 Mirex

R.T.: 7.051 min  
Delta R.T.: -0.002 min  
Response: 336873634  
Conc: 52.18 ng/ml



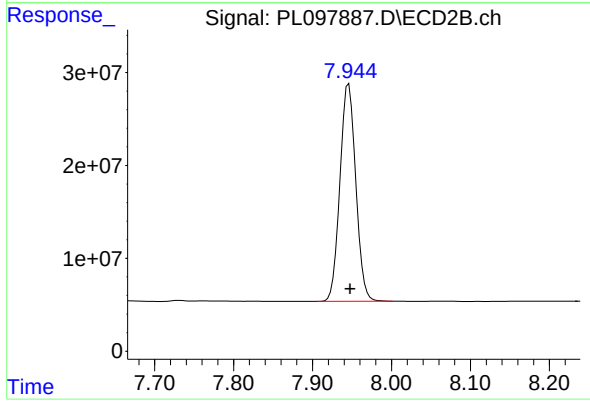
#28 Decachlorobiphenyl

R.T.: 8.953 min  
Delta R.T.: -0.004 min  
Response: 188379338  
Conc: 49.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/17/2025  
Supervised By :Yogesh Patel 12/17/2025



#28 Decachlorobiphenyl

R.T.: 7.946 min  
Delta R.T.: -0.002 min  
Response: 326255591  
Conc: 49.61 ng/ml