

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010524\  
 Data File : PL087654.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jan 2024 15:51  
 Operator : AR\AJ  
 Sample : P1040-02MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 COMP-2MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/08/2024  
 Supervised By :Ankita Jodhani 01/08/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 05 20:20:47 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 2023  
 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...          | 3.420 | 2.675 | 57546517 | 22217274 | 19.222  | 18.341 |
| 28) SA Decachlor...         | 8.981 | 7.864 | 46568515 | 21748739 | 16.351  | 17.168 |
| Target Compounds            |       |       |          |          |         |        |
| 2) A alpha-BHC              | 3.877 | 3.179 | 196.3E6  | 80954005 | 43.751  | 43.923 |
| 3) MA gamma-BHC...          | 4.209 | 3.510 | 190.8E6  | 80205257 | 43.751m | 44.135 |
| 4) MA Heptachlor            | 4.803 | 3.851 | 199.8E6  | 81291896 | 45.465  | 45.644 |
| 5) MB Aldrin                | 5.146 | 4.132 | 184.4E6  | 76381010 | 43.033  | 43.278 |
| 6) B beta-BHC               | 4.410 | 3.811 | 86310489 | 35510683 | 46.391  | 46.429 |
| 7) B delta-BHC              | 4.657 | 4.040 | 127.8E6  | 52207355 | 30.368  | 30.075 |
| 8) B Heptachlo...           | 5.576 | 4.639 | 168.6E6  | 71155432 | 44.013  | 44.645 |
| 9) A Endosulfan I           | 5.963 | 5.010 | 156.8E6  | 65959015 | 43.479  | 42.638 |
| 10) B gamma-Chl...          | 5.835 | 4.892 | 173.1E6  | 73346336 | 44.768  | 45.442 |
| 11) B alpha-Chl...          | 5.914 | 4.957 | 171.3E6  | 73589930 | 44.576  | 44.342 |
| 12) B 4,4'-DDE              | 6.096 | 5.155 | 151.8E6  | 67513942 | 47.468  | 50.192 |
| 13) MA Dieldrin             | 6.241 | 5.277 | 165.8E6  | 72722993 | 44.522  | 45.763 |
| 14) MA Endrin               | 6.471 | 5.553 | 140.5E6  | 65550584 | 44.737  | 46.228 |
| 15) B Endosulfa...          | 6.693 | 5.851 | 141.1E6  | 64341556 | 44.012  | 47.000 |
| 16) A 4,4'-DDD              | 6.617 | 5.714 | 118.1E6  | 52336507 | 45.798  | 46.416 |
| 17) MA 4,4'-DDT             | 6.934 | 5.966 | 137.3E6  | 61449187 | 48.007  | 49.373 |
| 18) B Endrin al...          | 6.824 | 6.033 | 108.9E6  | 51014213 | 43.291  | 43.894 |
| 19) B Endosulfa...          | 7.061 | 6.258 | 128.9E6  | 56865050 | 42.137  | 43.320 |
| 20) A Methoxychlor          | 7.420 | 6.552 | 73556031 | 35302182 | 45.305  | 47.960 |
| 21) B Endrin ke...          | 7.548 | 6.764 | 142.6E6  | 70606871 | 43.855  | 46.056 |
| 22) Mirex                   | 8.025 | 6.946 | 118.1E6  | 58994408 | 42.129  | 43.981 |
| -----                       |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010524\  
Data File : PL087654.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jan 2024 15:51  
Operator : AR\AJ  
Sample : P1040-02MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

COMP-2MSD

## Manual Integrations

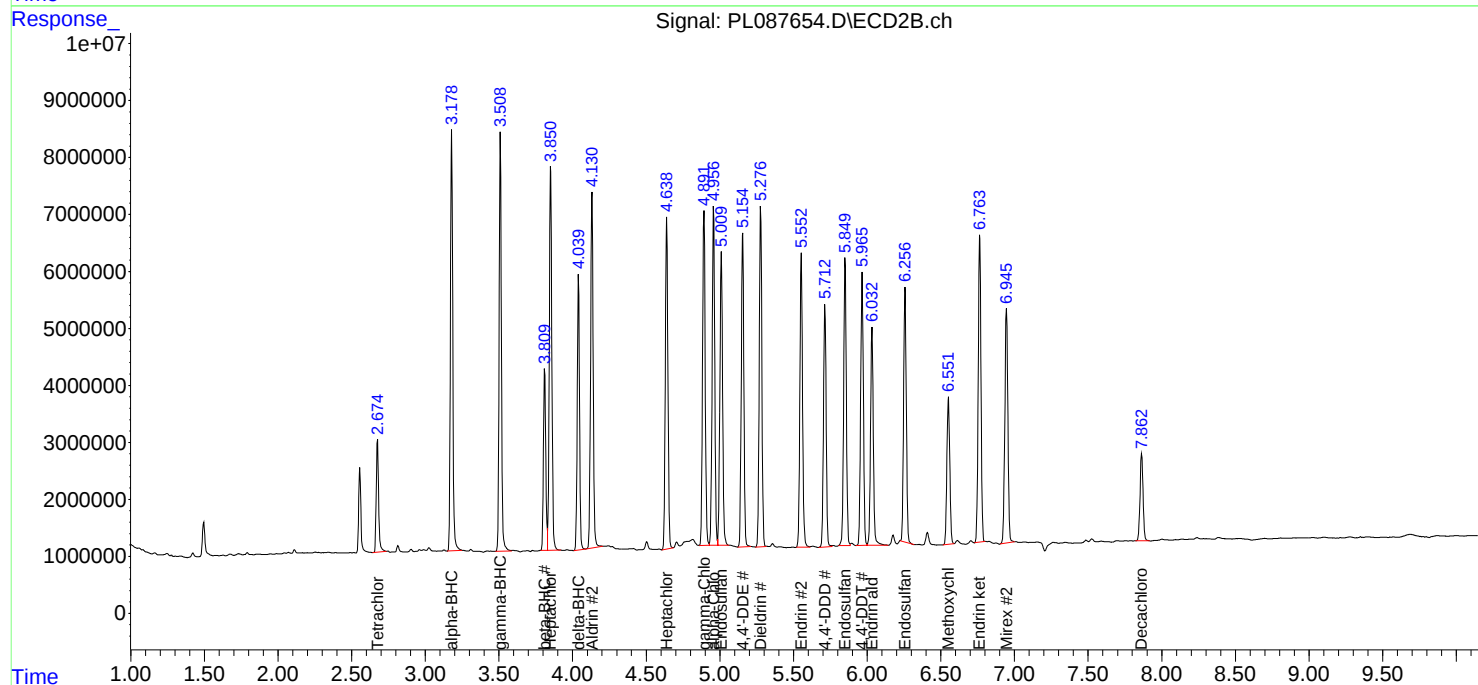
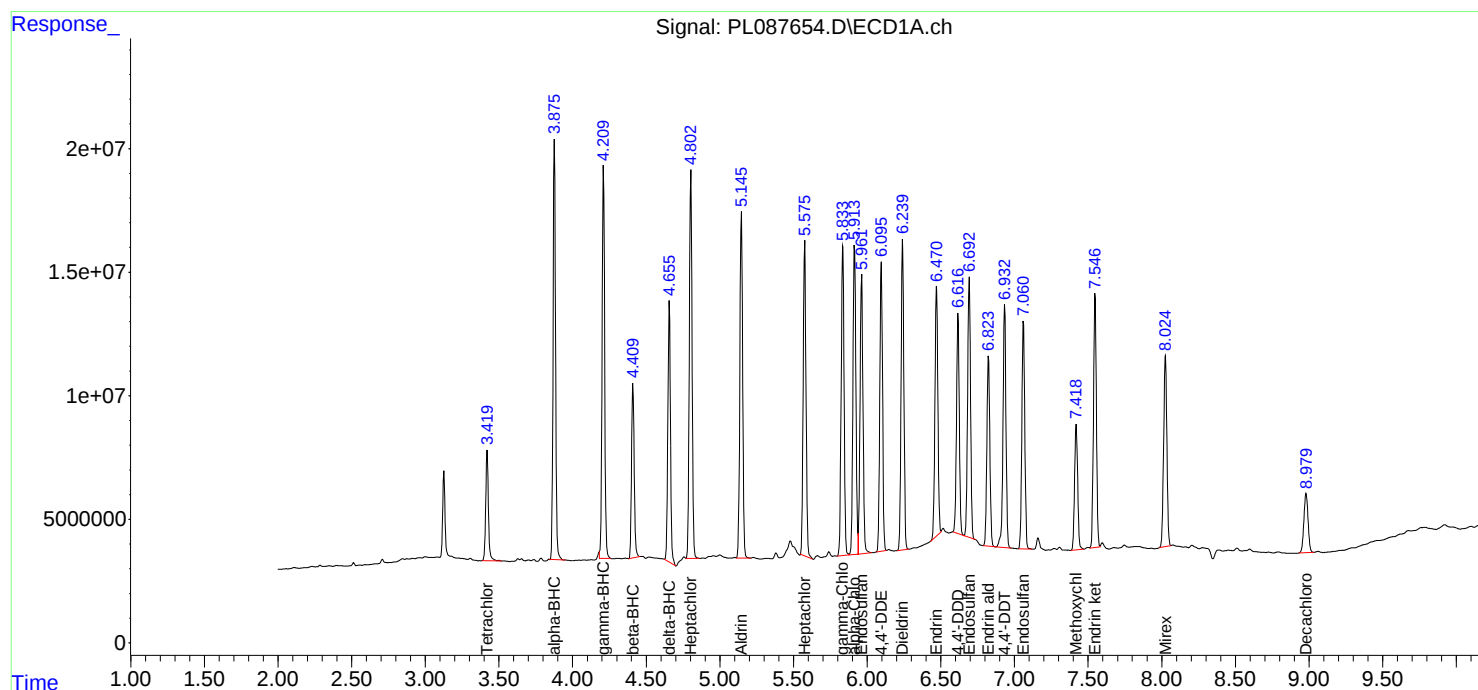
## APPROVED

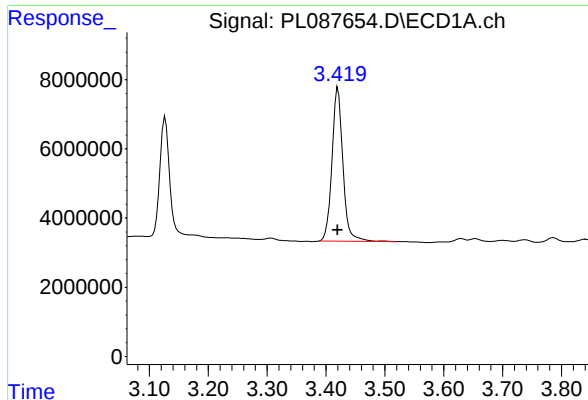
Reviewed By :Abdul Mirza 01/08/2024

Supervised By :Ankita Jodhani 01/08/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 05 20:20:47 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:17:47 2023  
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





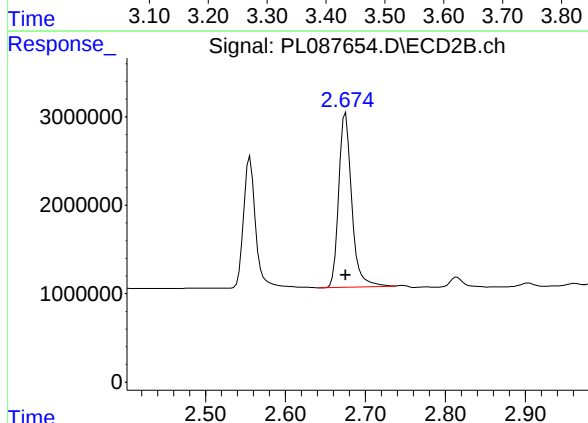
#1 Tetrachloro-m-xylene

R.T.: 3.420 min  
Delta R.T.: 0.000 min  
Response: 57546517  
Conc: 19.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-2MSD

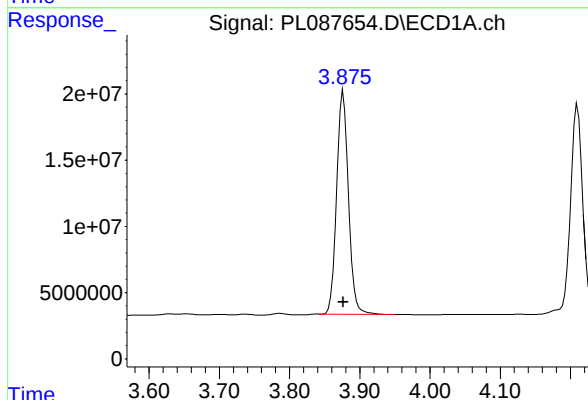
Manual Integrations  
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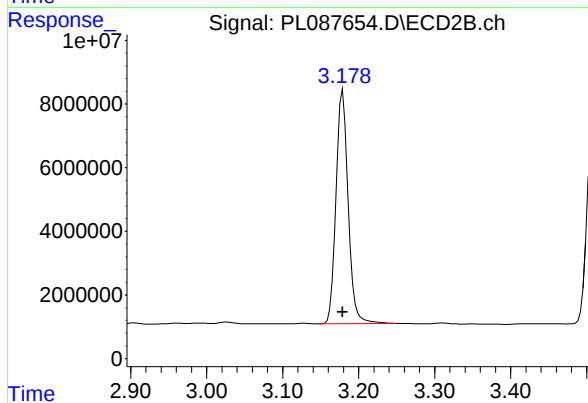
#1 Tetrachloro-m-xylene

R.T.: 2.675 min  
Delta R.T.: 0.000 min  
Response: 22217274  
Conc: 18.34 ng/ml



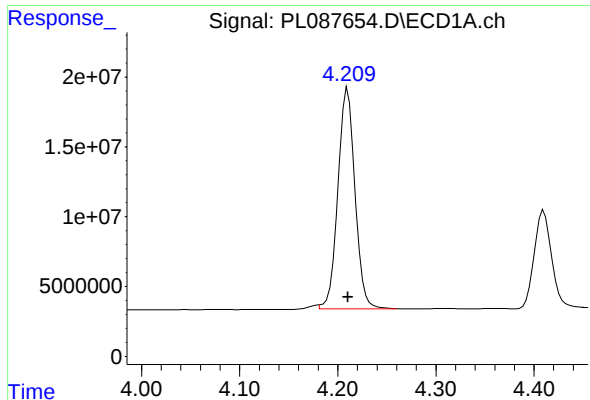
#2 alpha-BHC

R.T.: 3.877 min  
Delta R.T.: 0.000 min  
Response: 196306719  
Conc: 43.75 ng/ml



#2 alpha-BHC

R.T.: 3.179 min  
Delta R.T.: 0.000 min  
Response: 80954005  
Conc: 43.92 ng/ml



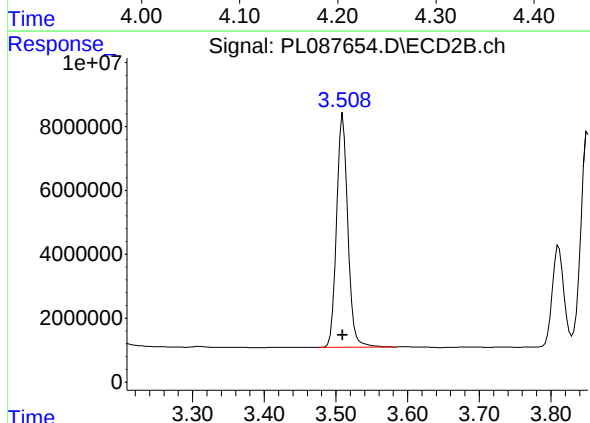
#3 gamma-BHC (Lindane)

R.T.: 4.209 min  
Delta R.T.: -0.002 min  
Response: 190829023  
Conc: 43.75 ng/ml

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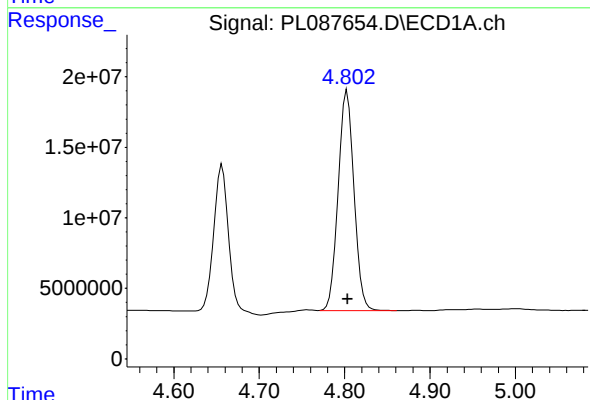
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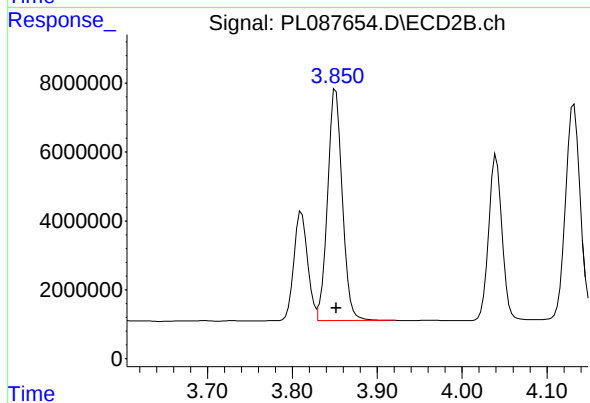
#3 gamma-BHC (Lindane)

R.T.: 3.510 min  
Delta R.T.: 0.000 min  
Response: 80205257  
Conc: 44.14 ng/ml



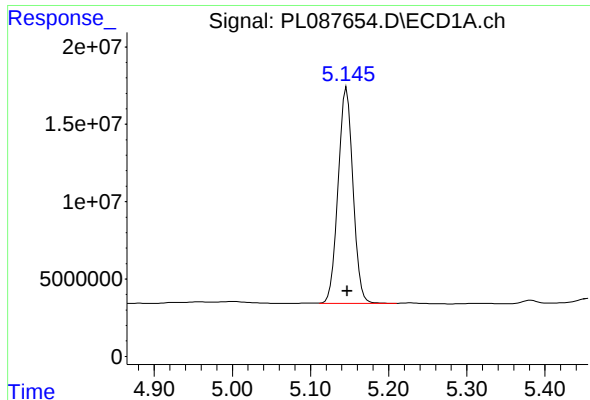
#4 Heptachlor

R.T.: 4.803 min  
Delta R.T.: 0.000 min  
Response: 199777339  
Conc: 45.46 ng/ml



#4 Heptachlor

R.T.: 3.851 min  
Delta R.T.: 0.000 min  
Response: 81291896  
Conc: 45.64 ng/ml



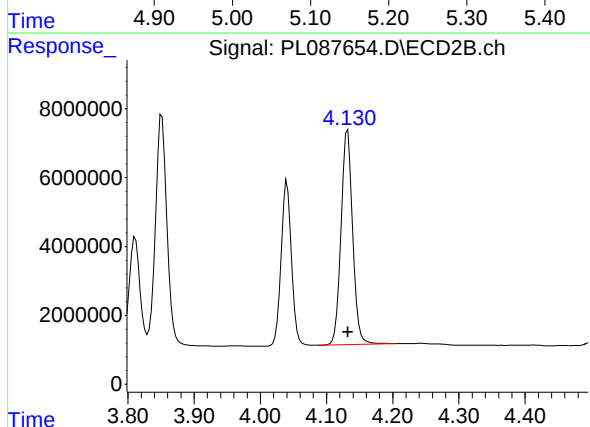
#5 Aldrin

R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 184435990  
Conc: 43.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-2MSD

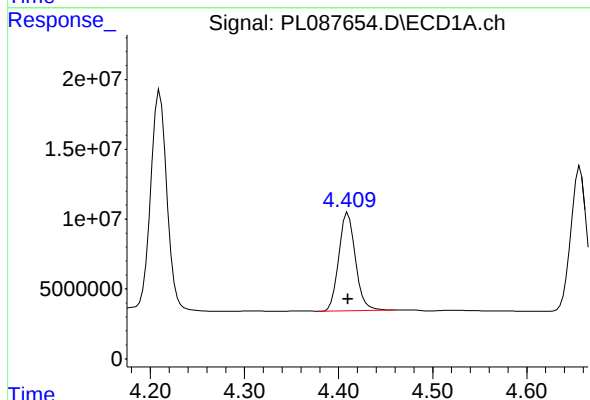
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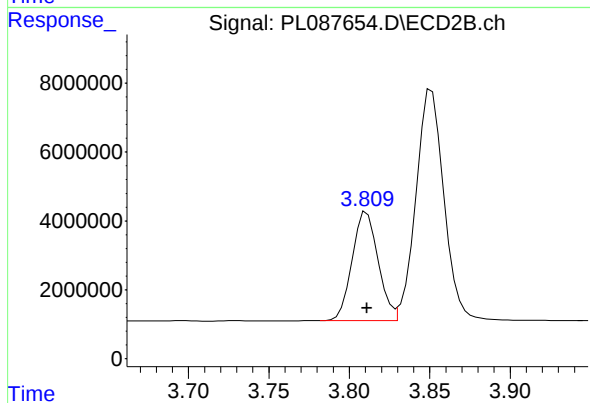
#5 Aldrin

R.T.: 4.132 min  
Delta R.T.: 0.000 min  
Response: 76381010  
Conc: 43.28 ng/ml



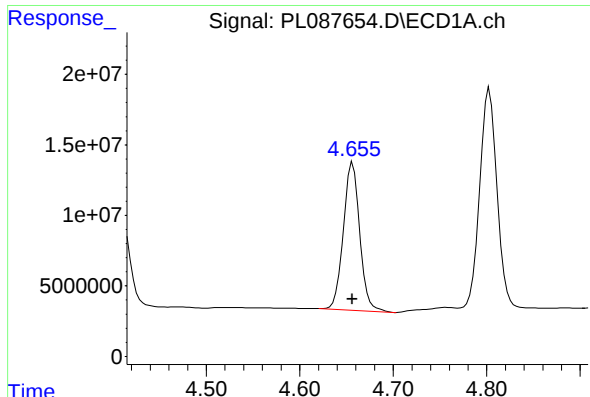
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 86310489  
Conc: 46.39 ng/ml



#6 beta-BHC

R.T.: 3.811 min  
Delta R.T.: 0.000 min  
Response: 35510683  
Conc: 46.43 ng/ml



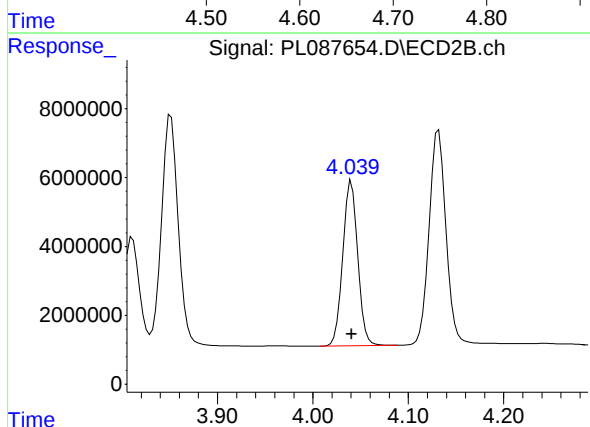
#7 delta-BHC

R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 127787345  
Conc: 30.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-2MSD

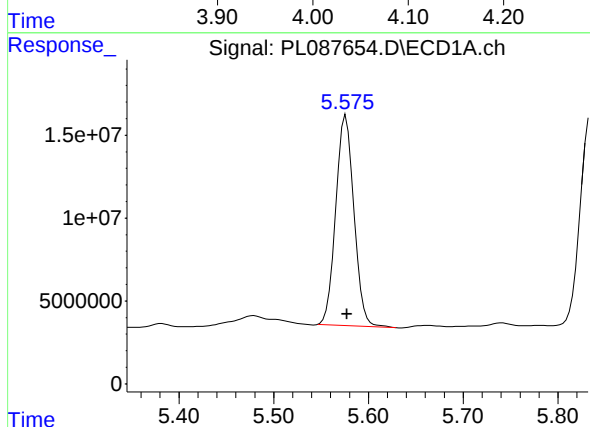
Manual Integrations  
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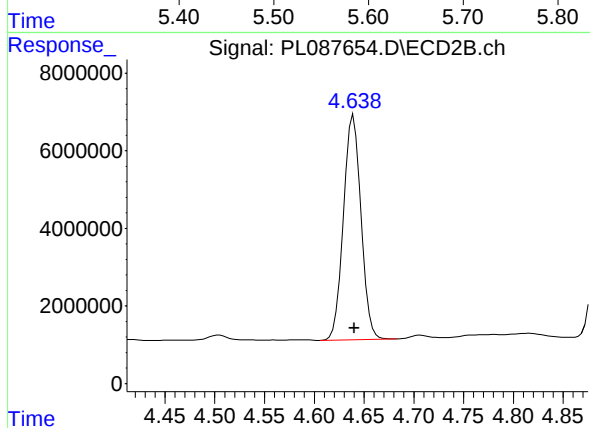
#7 delta-BHC

R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 52207355  
Conc: 30.07 ng/ml



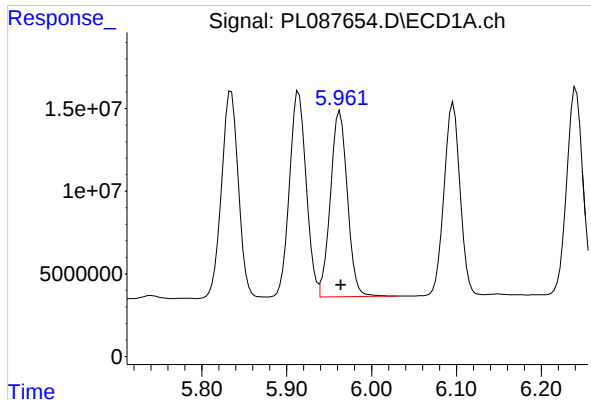
#8 Heptachlor epoxide

R.T.: 5.576 min  
Delta R.T.: -0.001 min  
Response: 168624683  
Conc: 44.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min  
Delta R.T.: 0.000 min  
Response: 71155432  
Conc: 44.65 ng/ml



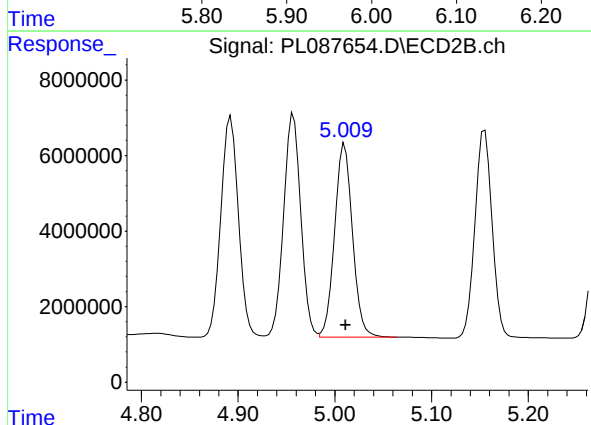
#9 Endosulfan I

R.T.: 5.963 min  
Delta R.T.: -0.001 min  
Response: 156784168  
Conc: 43.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-2MSD

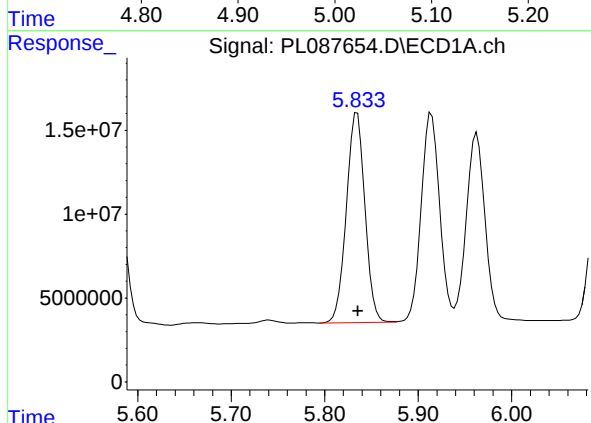
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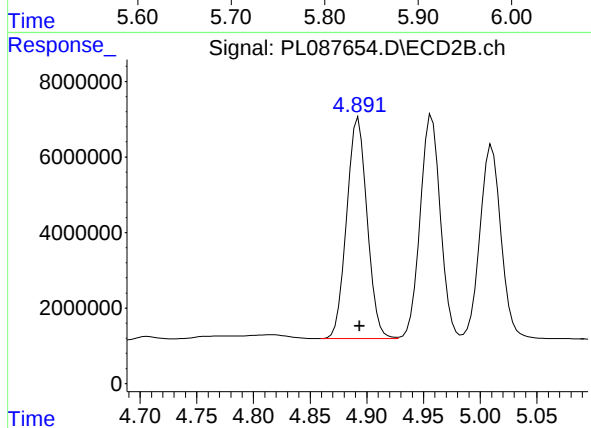
#9 Endosulfan I

R.T.: 5.010 min  
Delta R.T.: -0.001 min  
Response: 65959015  
Conc: 42.64 ng/ml



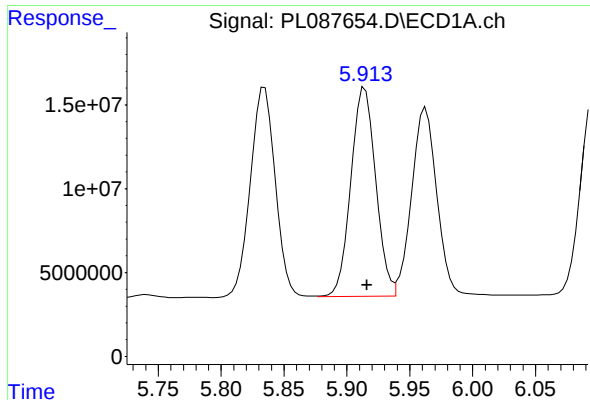
#10 gamma-Chlordane

R.T.: 5.835 min  
Delta R.T.: -0.001 min  
Response: 173060260  
Conc: 44.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.892 min  
Delta R.T.: -0.001 min  
Response: 73346336  
Conc: 45.44 ng/ml



#11 alpha-Chlordane

R.T.: 5.914 min  
Delta R.T.: -0.002 min  
Response: 171291548  
Conc: 44.58 ng/ml

Instrument :

ECD\_L

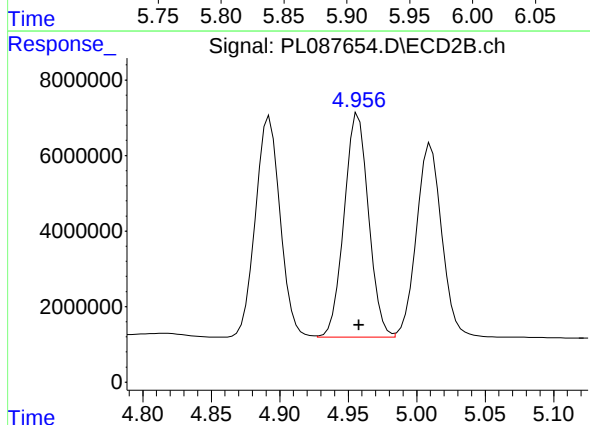
ClientSampleId :

COMP-2MSD

Manual Integrations

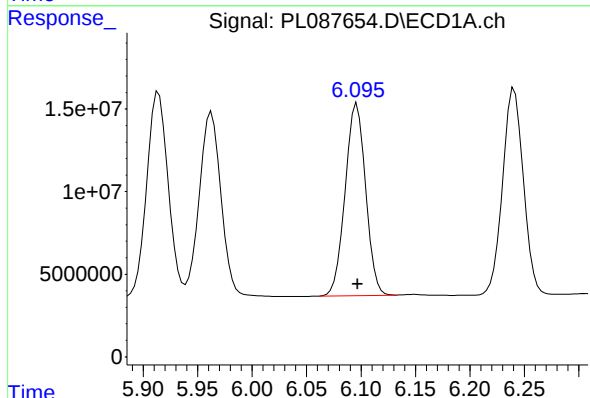
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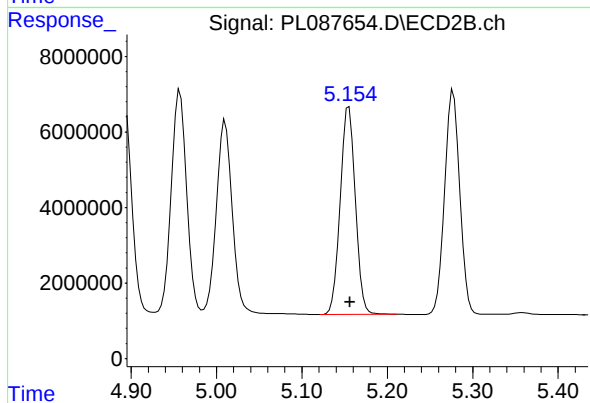
#11 alpha-Chlordane

R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 73589930  
Conc: 44.34 ng/ml



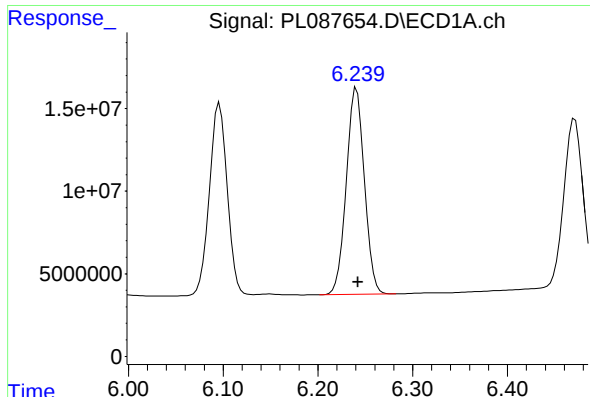
#12 4,4'-DDE

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 151763340  
Conc: 47.47 ng/ml



#12 4,4'-DDE

R.T.: 5.155 min  
Delta R.T.: -0.001 min  
Response: 67513942  
Conc: 50.19 ng/ml



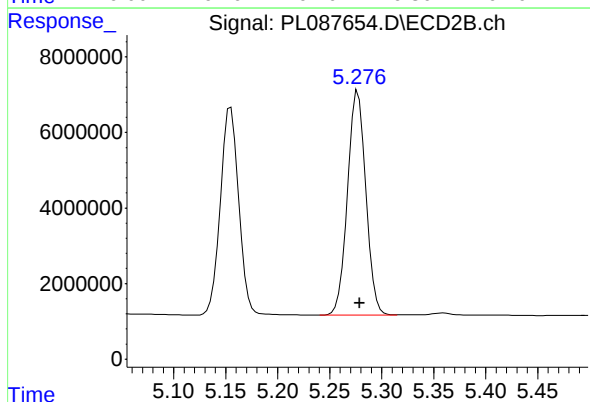
#13 Dieldrin

R.T.: 6.241 min  
Delta R.T.: -0.002 min  
Response: 165838397  
Conc: 44.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-2MSD

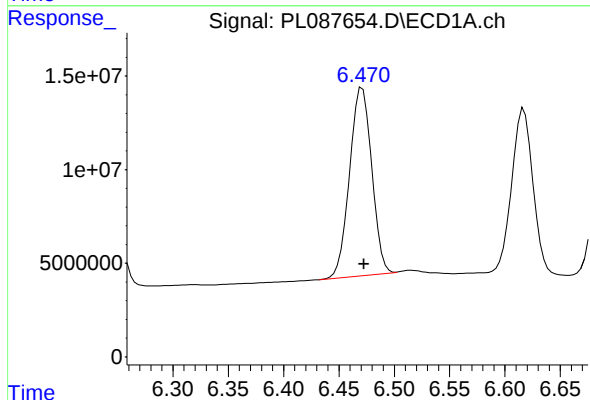
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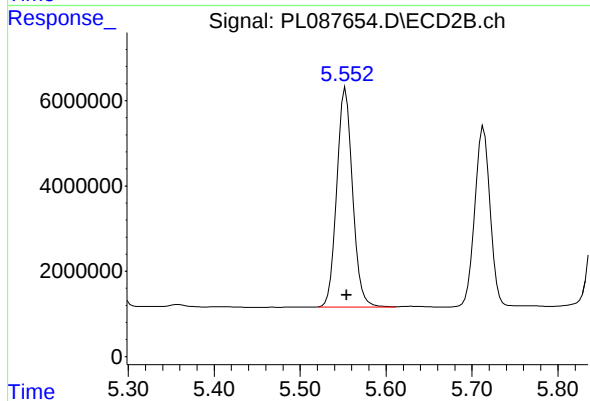
#13 Dieldrin

R.T.: 5.277 min  
Delta R.T.: -0.002 min  
Response: 72722993  
Conc: 45.76 ng/ml



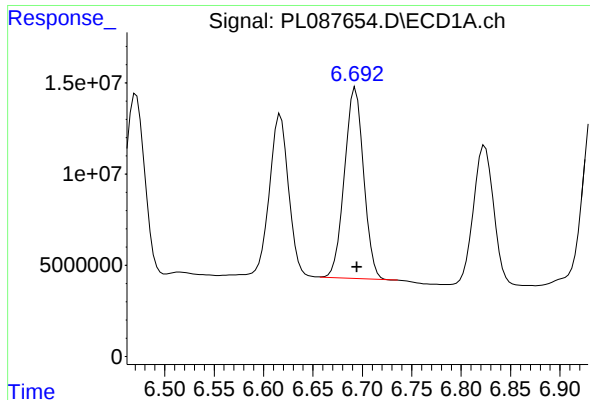
#14 Endrin

R.T.: 6.471 min  
Delta R.T.: -0.001 min  
Response: 140514065  
Conc: 44.74 ng/ml



#14 Endrin

R.T.: 5.553 min  
Delta R.T.: -0.001 min  
Response: 65550584  
Conc: 46.23 ng/ml



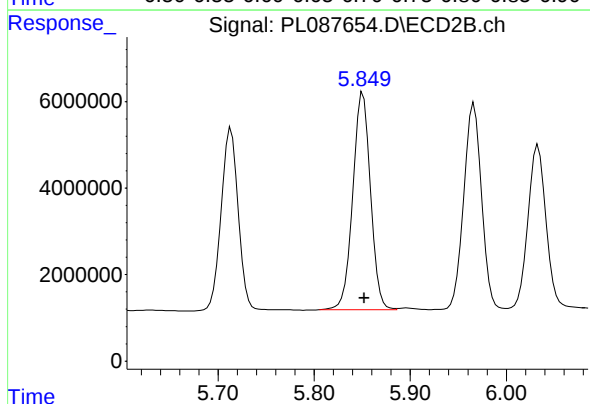
#15 Endosulfan II

R.T.: 6.693 min  
Delta R.T.: -0.001 min  
Response: 141147924  
Conc: 44.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-2MSD

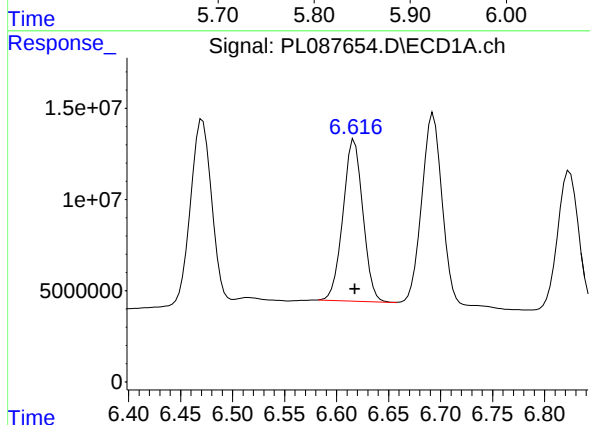
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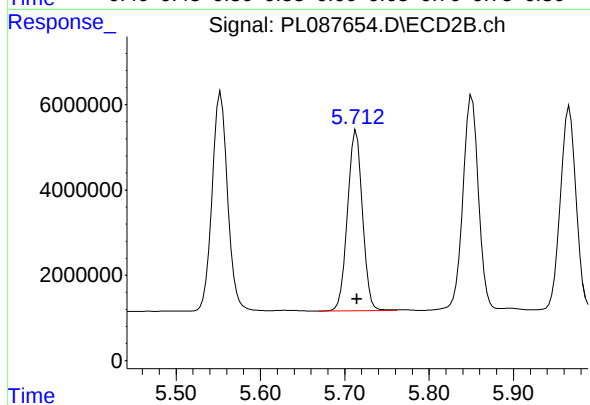
#15 Endosulfan II

R.T.: 5.851 min  
Delta R.T.: -0.002 min  
Response: 64341556  
Conc: 47.00 ng/ml



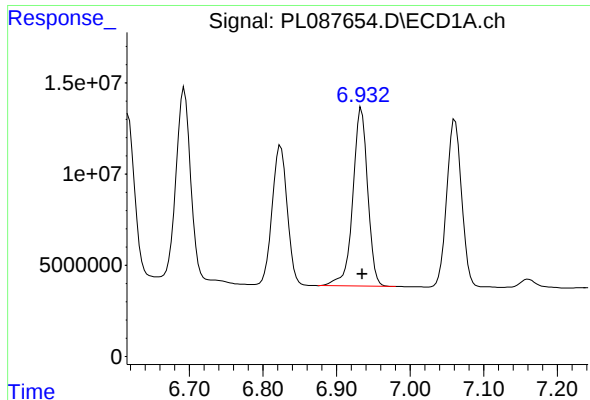
#16 4,4'-DDD

R.T.: 6.617 min  
Delta R.T.: 0.000 min  
Response: 118094778  
Conc: 45.80 ng/ml



#16 4,4'-DDD

R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 52336507  
Conc: 46.42 ng/ml



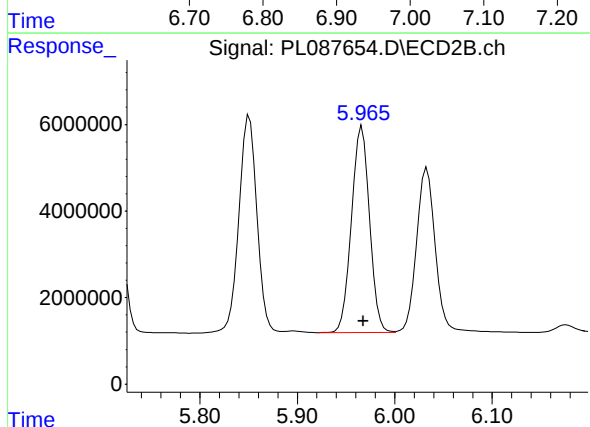
#17 4,4'-DDT

R.T.: 6.934 min  
Delta R.T.: -0.001 min  
Response: 137277822  
Conc: 48.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-2MSD

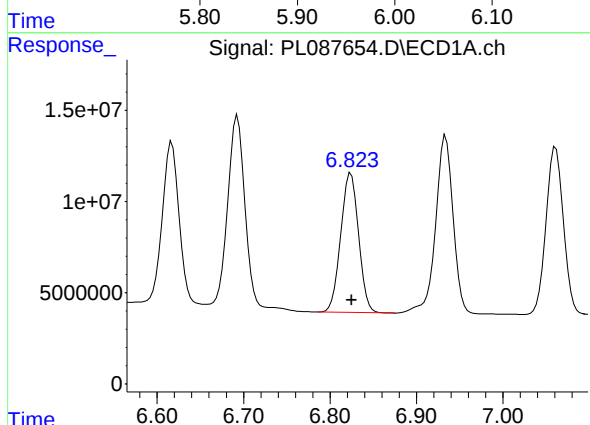
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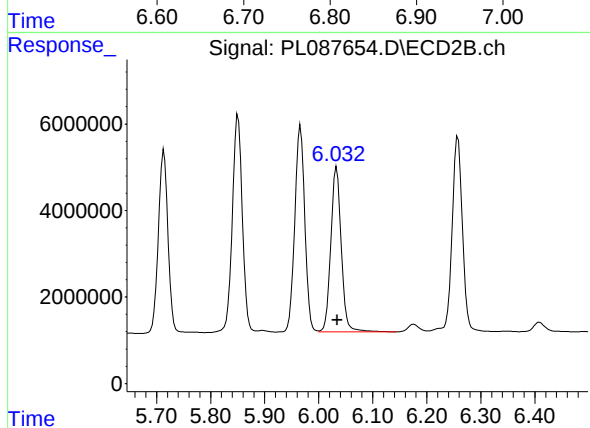
#17 4,4'-DDT

R.T.: 5.966 min  
Delta R.T.: -0.001 min  
Response: 61449187  
Conc: 49.37 ng/ml



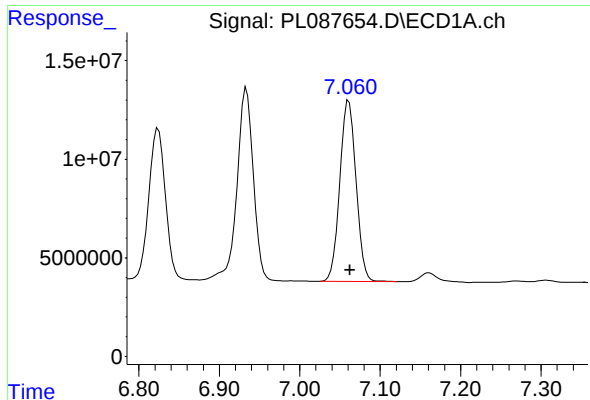
#18 Endrin aldehyde

R.T.: 6.824 min  
Delta R.T.: -0.001 min  
Response: 108889255  
Conc: 43.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.033 min  
Delta R.T.: -0.001 min  
Response: 51014213  
Conc: 43.89 ng/ml



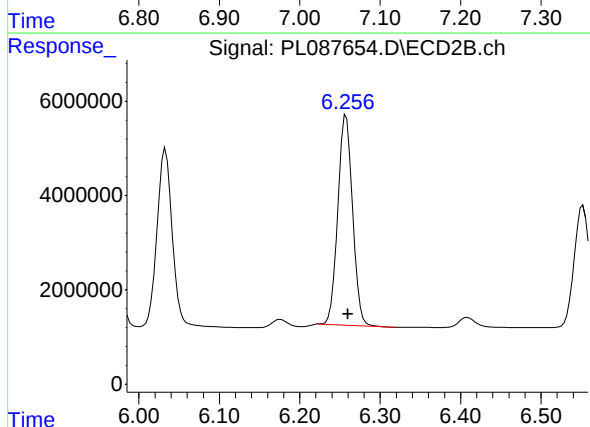
#19 Endosulfan Sulfate

R.T.: 7.061 min  
Delta R.T.: -0.002 min  
Response: 128875309  
Conc: 42.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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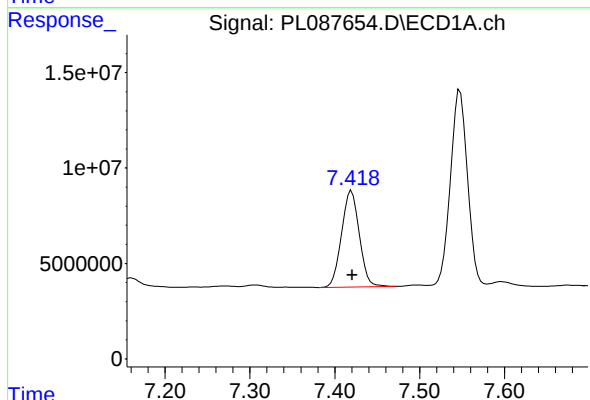
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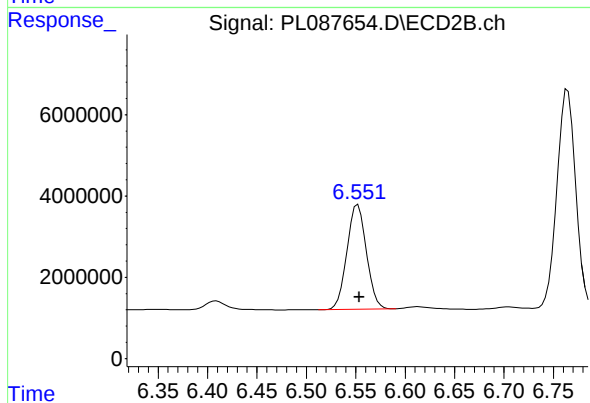
#19 Endosulfan Sulfate

R.T.: 6.258 min  
Delta R.T.: -0.002 min  
Response: 56865050  
Conc: 43.32 ng/ml



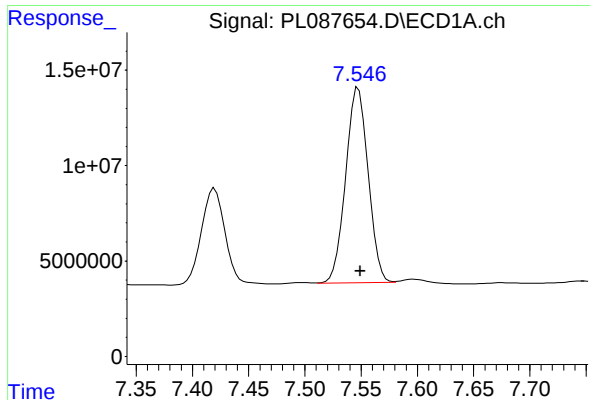
#20 Methoxychlor

R.T.: 7.420 min  
Delta R.T.: 0.000 min  
Response: 73556031  
Conc: 45.30 ng/ml



#20 Methoxychlor

R.T.: 6.552 min  
Delta R.T.: -0.001 min  
Response: 35302182  
Conc: 47.96 ng/ml



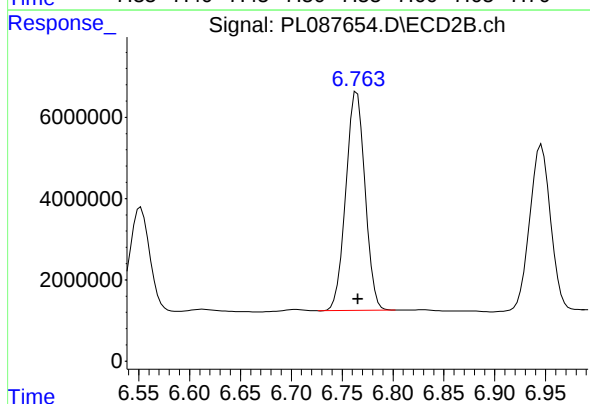
#21 Endrin ketone

R.T.: 7.548 min  
Delta R.T.: -0.002 min  
Response: 142644275  
Conc: 43.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-2MSD

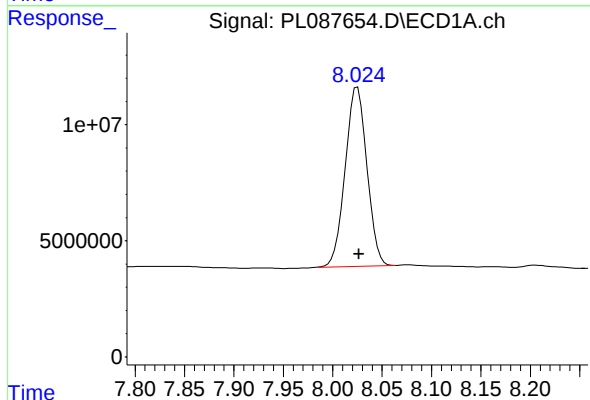
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/08/2024  
Supervised By :Ankita Jodhani 01/08/2024



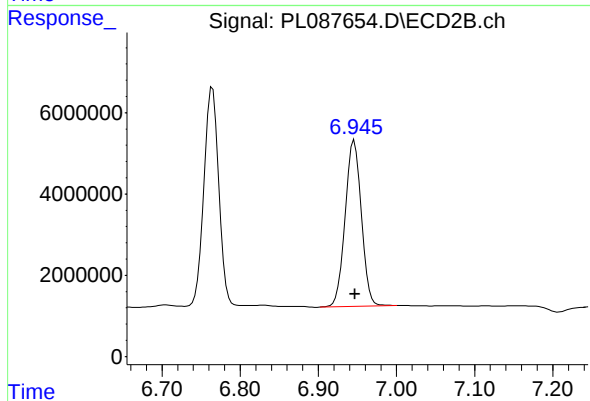
#21 Endrin ketone

R.T.: 6.764 min  
Delta R.T.: -0.001 min  
Response: 70606871  
Conc: 46.06 ng/ml



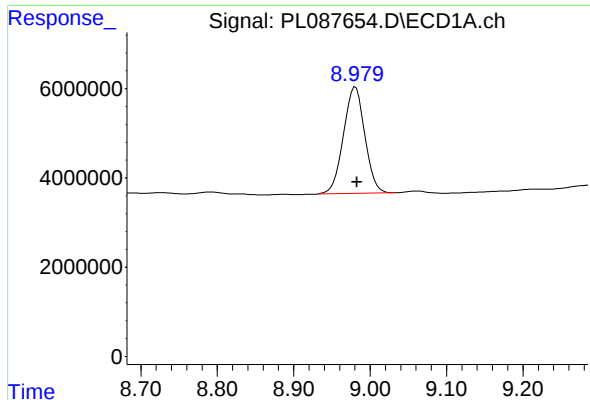
#22 Mirex

R.T.: 8.025 min  
Delta R.T.: -0.002 min  
Response: 118123137  
Conc: 42.13 ng/ml



#22 Mirex

R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 58994408  
Conc: 43.98 ng/ml



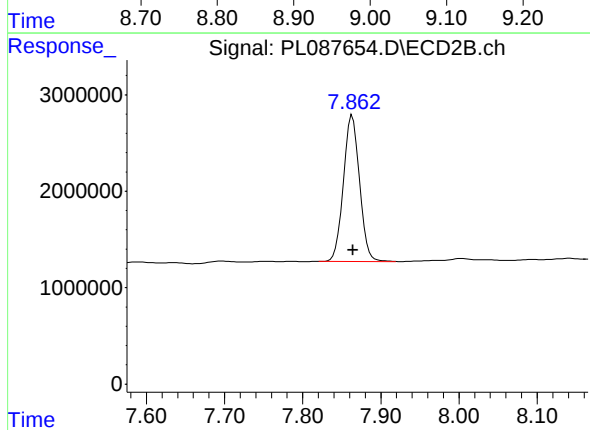
#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: -0.002 min  
Response: 46568515  
Conc: 16.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-2MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/08/2024  
Supervised By :Ankita Jodhani 01/08/2024



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: 0.000 min  
Response: 21748739  
Conc: 17.17 ng/ml