

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010924\  
 Data File : PL087694.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jan 2024 13:45  
 Operator : AR\AJ  
 Sample : P1067-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP-A-COMP(0-8)MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/10/2024  
 Supervised By :Ankita Jodhani 01/10/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 00:54:13 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 | 63656166 | 25259001 | 21.263  | 20.852 |
| 28) SA Decachlor...         | 8.979 | 7.862 | 55772110 | 24999865 | 19.583  | 19.734 |
| Target Compounds            |       |       |          |          |         |        |
| 2) A alpha-BHC              | 3.875 | 3.178 | 196.1E6  | 80014957 | 43.703m | 43.414 |
| 3) MA gamma-BHC...          | 4.210 | 3.509 | 188.8E6  | 77789779 | 43.282  | 42.806 |
| 4) MA Heptachlor            | 4.803 | 3.850 | 196.4E6  | 78306798 | 44.706  | 43.968 |
| 5) MB Aldrin                | 5.146 | 4.130 | 185.0E6  | 75308754 | 43.168  | 42.670 |
| 6) B beta-BHC               | 4.409 | 3.810 | 86041498 | 34726356 | 46.247  | 45.403 |
| 7) B delta-BHC              | 4.656 | 4.039 | 121.0E6  | 48253633 | 28.749  | 27.797 |
| 8) B Heptachlo...           | 5.576 | 4.638 | 167.1E6  | 69550389 | 43.612  | 43.638 |
| 9) A Endosulfan I           | 5.963 | 5.009 | 157.9E6  | 65741550 | 43.792  | 42.497 |
| 10) B gamma-Chl...          | 5.834 | 4.891 | 175.0E6  | 74126648 | 45.276  | 45.925 |
| 11) B alpha-Chl...          | 5.915 | 4.956 | 172.4E6  | 72943395 | 44.876  | 43.952 |
| 12) B 4,4'-DDE              | 6.096 | 5.154 | 149.8E6  | 63699234 | 46.863  | 47.356 |
| 13) MA Dieldrin             | 6.241 | 5.276 | 166.9E6  | 71534800 | 44.816  | 45.015 |
| 14) MA Endrin               | 6.471 | 5.552 | 138.6E6  | 65512988 | 44.143  | 46.201 |
| 15) B Endosulfa...          | 6.692 | 5.850 | 141.9E6  | 63629550 | 44.246  | 46.480 |
| 16) A 4,4'-DDD              | 6.616 | 5.713 | 121.1E6  | 52675001 | 46.954  | 46.716 |
| 17) MA 4,4'-DDT             | 6.934 | 5.965 | 131.9E6  | 55488055 | 46.133  | 44.584 |
| 18) B Endrin al...          | 6.824 | 6.032 | 110.1E6  | 49589624 | 43.761  | 42.668 |
| 19) B Endosulfa...          | 7.060 | 6.257 | 128.8E6  | 55406201 | 42.116  | 42.208 |
| 20) A Methoxychlor          | 7.419 | 6.551 | 71281190 | 32383918 | 43.904  | 43.995 |
| 21) B Endrin ke...          | 7.547 | 6.763 | 148.3E6  | 70693846 | 45.587  | 46.113 |
| 22) Mirex                   | 8.024 | 6.944 | 123.3E6  | 60367277 | 43.983  | 45.004 |
| -----                       |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010924\  
Data File : PL087694.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jan 2024 13:45  
Operator : AR\AJ  
Sample : P1067-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

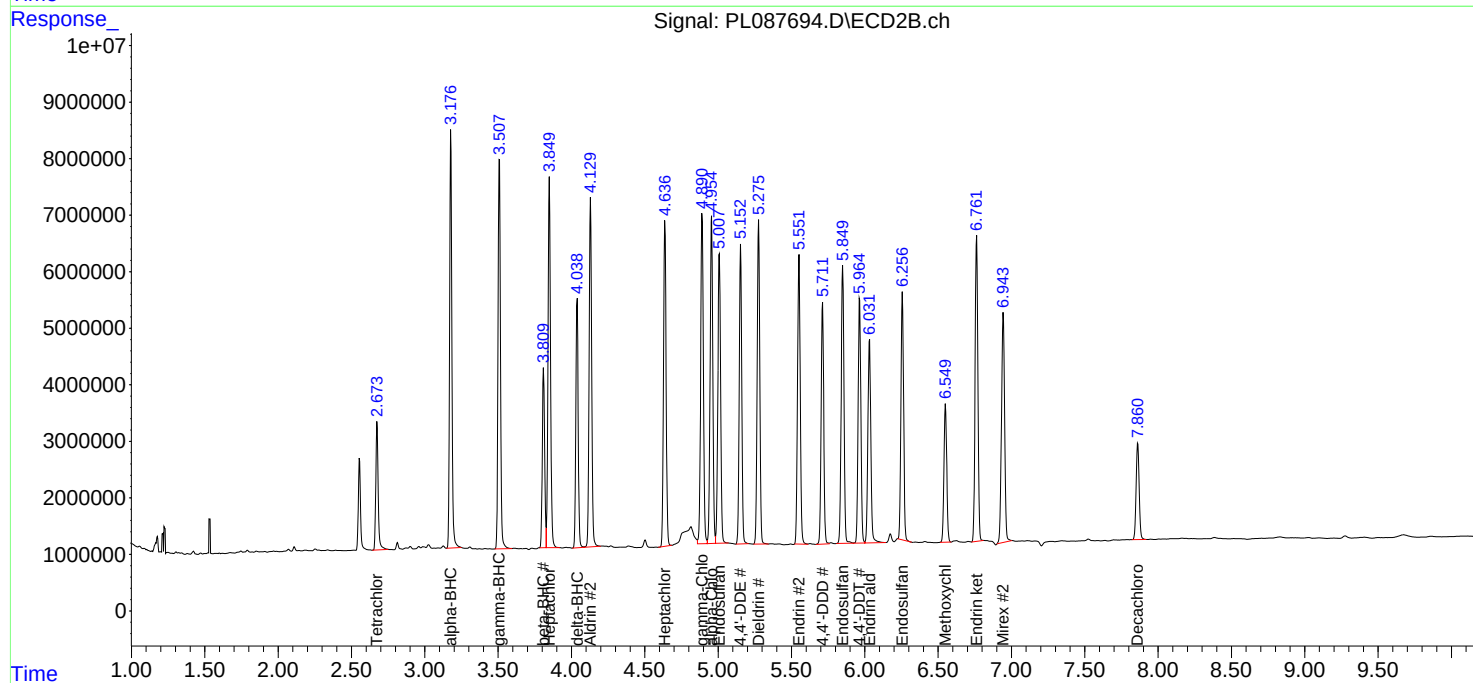
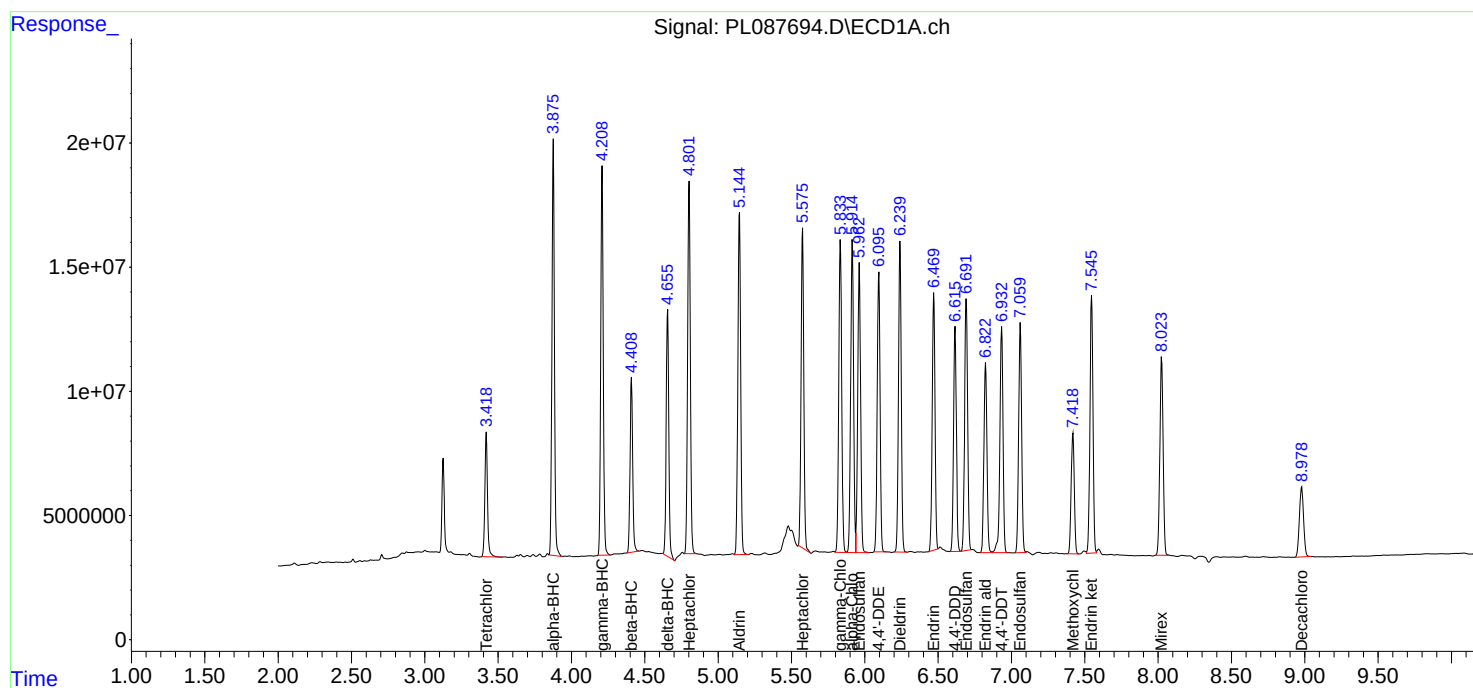
Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

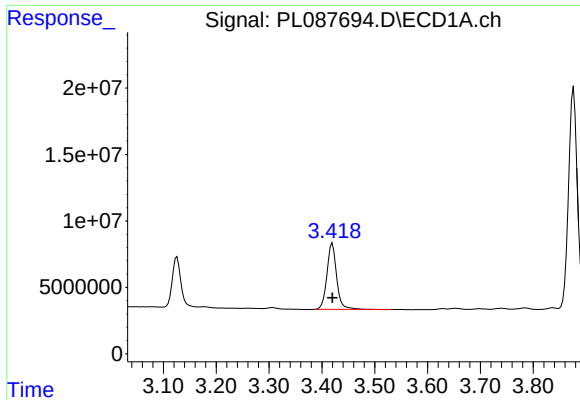
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 10 00:54:13 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : 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





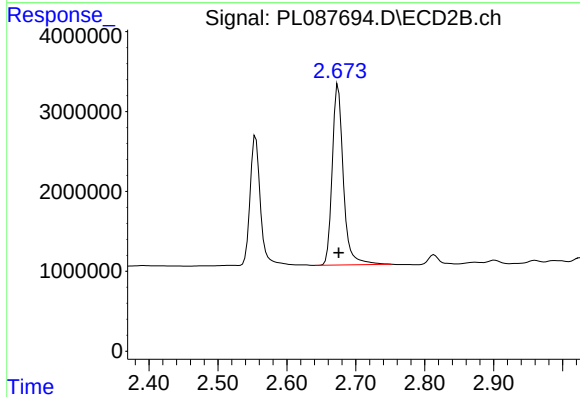
#1 Tetrachloro-m-xylene

R.T.: 3.420 min  
Delta R.T.: 0.000 min  
Response: 63656166  
Conc: 21.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

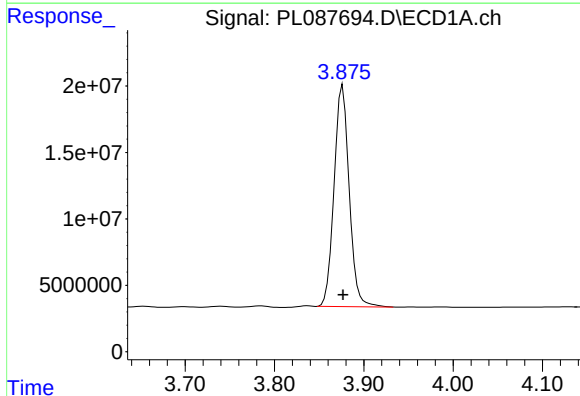
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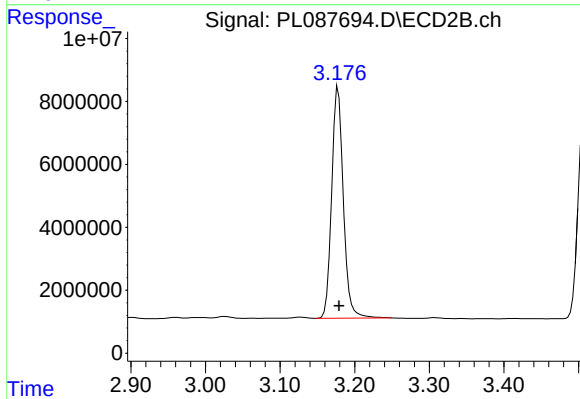
#1 Tetrachloro-m-xylene

R.T.: 2.675 min  
Delta R.T.: 0.000 min  
Response: 25259001  
Conc: 20.85 ng/ml



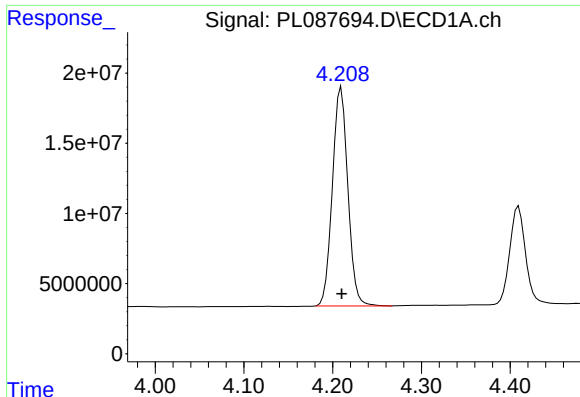
#2 alpha-BHC

R.T.: 3.875 min  
Delta R.T.: -0.002 min  
Response: 196092934  
Conc: 43.70 ng/ml m



#2 alpha-BHC

R.T.: 3.178 min  
Delta R.T.: -0.001 min  
Response: 80014957  
Conc: 43.41 ng/ml



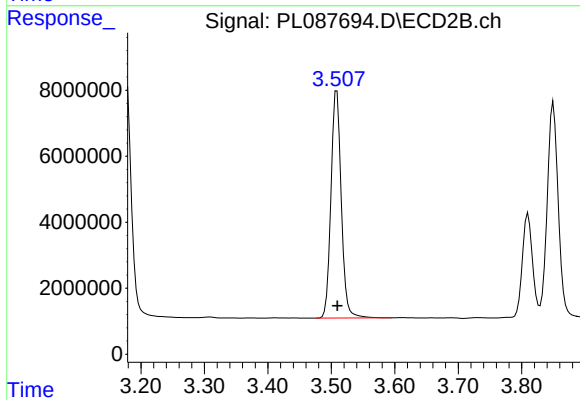
#3 gamma-BHC (Lindane)

R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 188779316  
Conc: 43.28 ng/ml

Instrument :  
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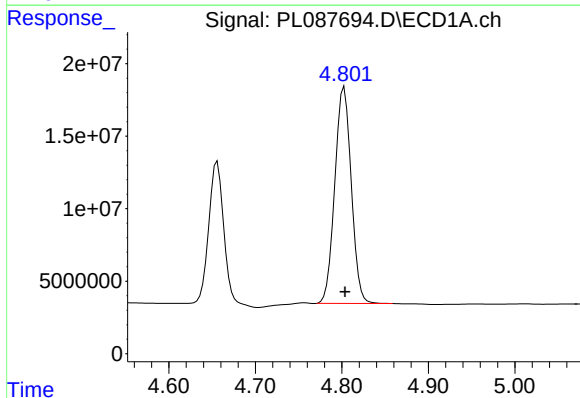
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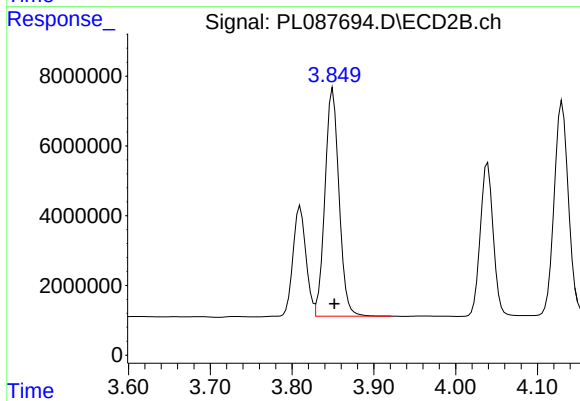
#3 gamma-BHC (Lindane)

R.T.: 3.509 min  
Delta R.T.: -0.001 min  
Response: 77789779  
Conc: 42.81 ng/ml



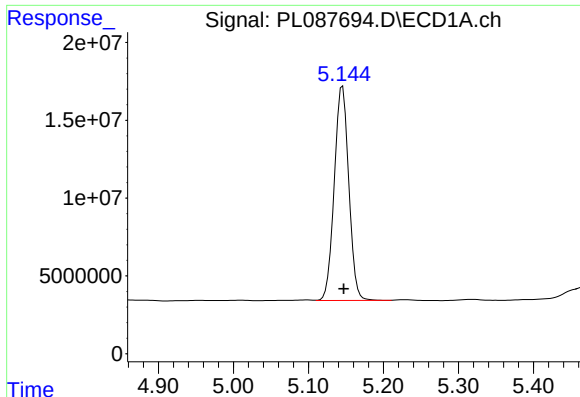
#4 Heptachlor

R.T.: 4.803 min  
Delta R.T.: 0.000 min  
Response: 196443259  
Conc: 44.71 ng/ml



#4 Heptachlor

R.T.: 3.850 min  
Delta R.T.: -0.002 min  
Response: 78306798  
Conc: 43.97 ng/ml



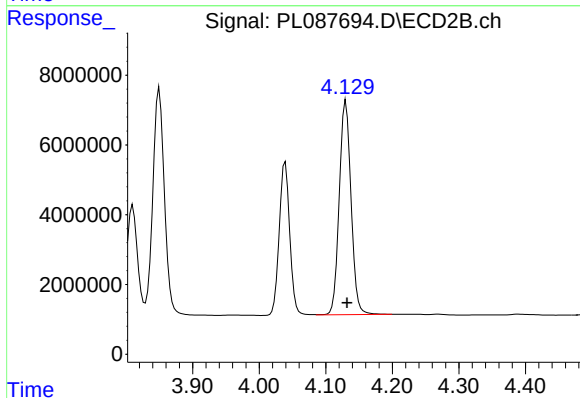
#5 Aldrin

R.T.: 5.146 min  
Delta R.T.: -0.001 min  
Response: 185014173  
Conc: 43.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

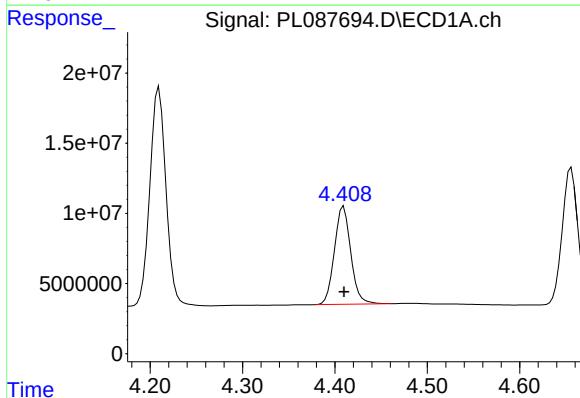
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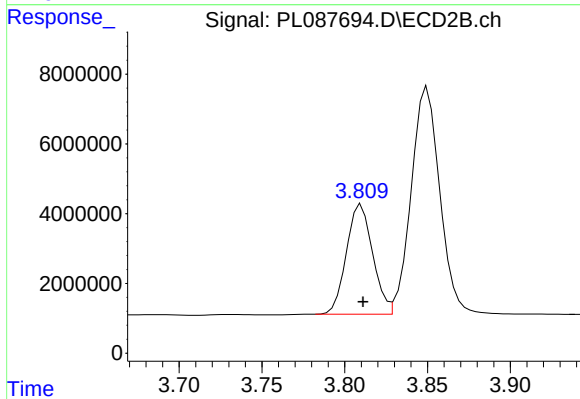
#5 Aldrin

R.T.: 4.130 min  
Delta R.T.: -0.002 min  
Response: 75308754  
Conc: 42.67 ng/ml



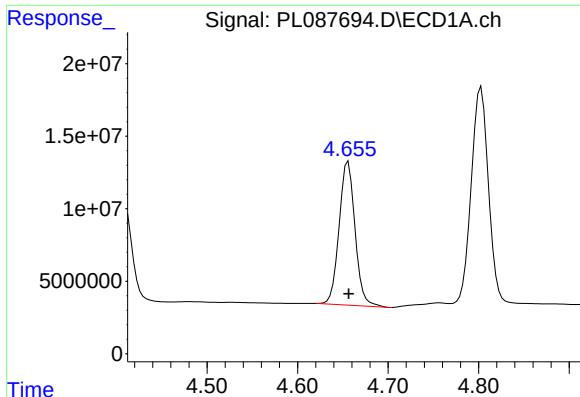
#6 beta-BHC

R.T.: 4.409 min  
Delta R.T.: 0.000 min  
Response: 86041498  
Conc: 46.25 ng/ml



#6 beta-BHC

R.T.: 3.810 min  
Delta R.T.: -0.001 min  
Response: 34726356  
Conc: 45.40 ng/ml



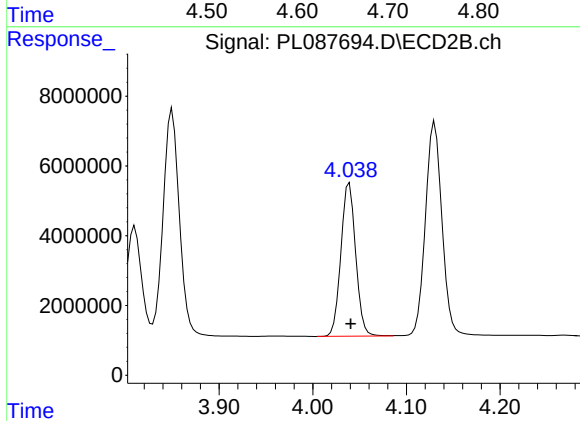
#7 delta-BHC

R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 120972970  
Conc: 28.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

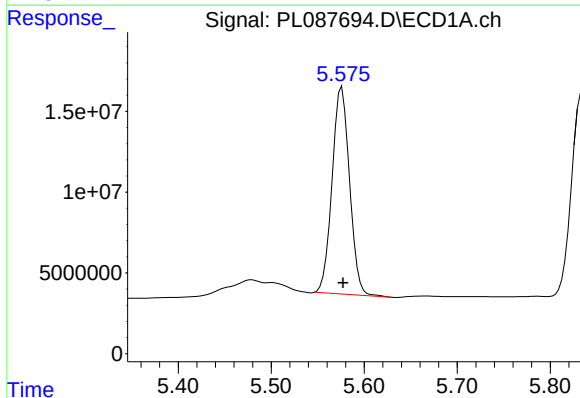
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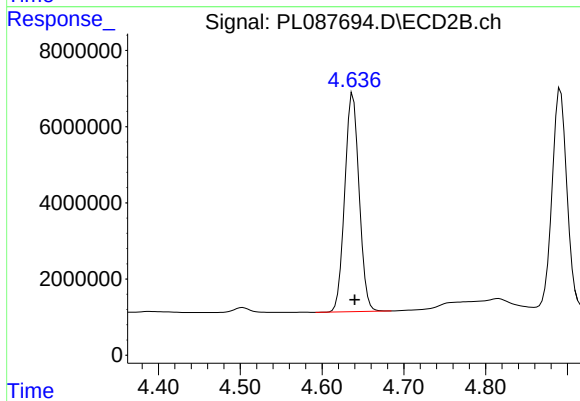
#7 delta-BHC

R.T.: 4.039 min  
Delta R.T.: -0.001 min  
Response: 48253633  
Conc: 27.80 ng/ml



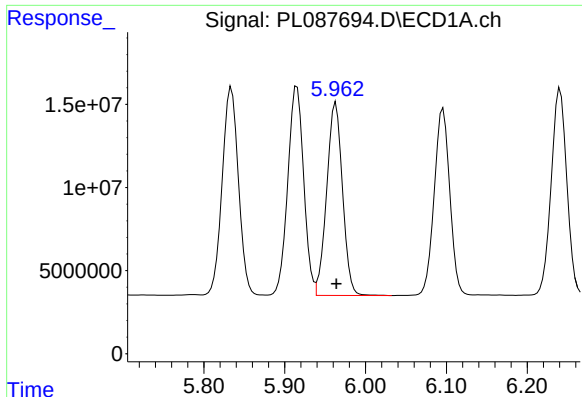
#8 Heptachlor epoxide

R.T.: 5.576 min  
Delta R.T.: -0.001 min  
Response: 167087044  
Conc: 43.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min  
Delta R.T.: -0.002 min  
Response: 69550389  
Conc: 43.64 ng/ml



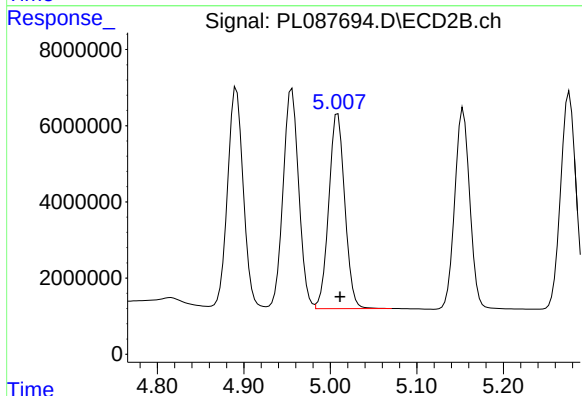
#9 Endosulfan I

R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 157915126  
Conc: 43.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

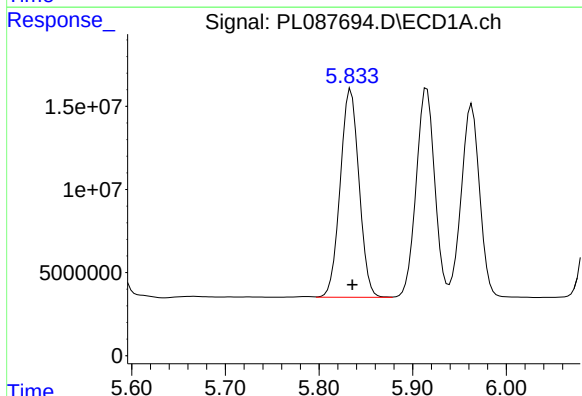
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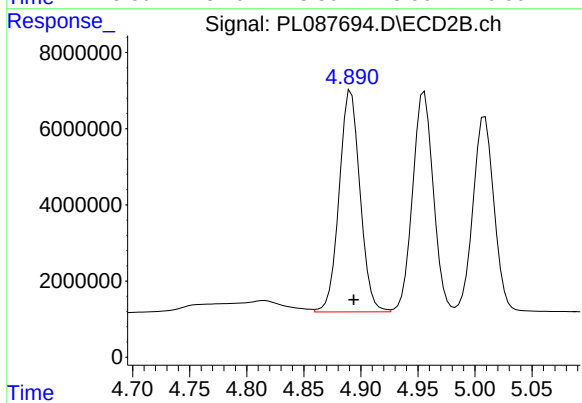
#9 Endosulfan I

R.T.: 5.009 min  
Delta R.T.: -0.003 min  
Response: 65741550  
Conc: 42.50 ng/ml



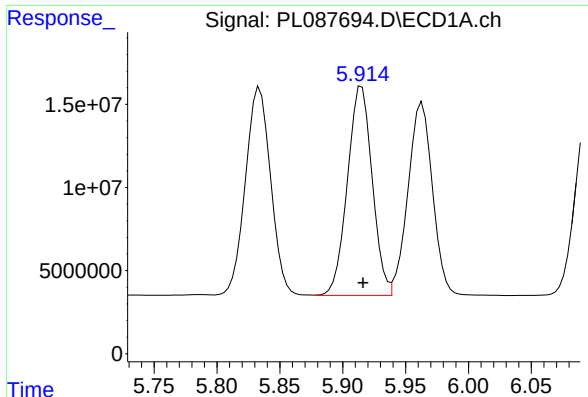
#10 gamma-Chlordane

R.T.: 5.834 min  
Delta R.T.: -0.002 min  
Response: 175023963  
Conc: 45.28 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min  
Delta R.T.: -0.002 min  
Response: 74126648  
Conc: 45.93 ng/ml



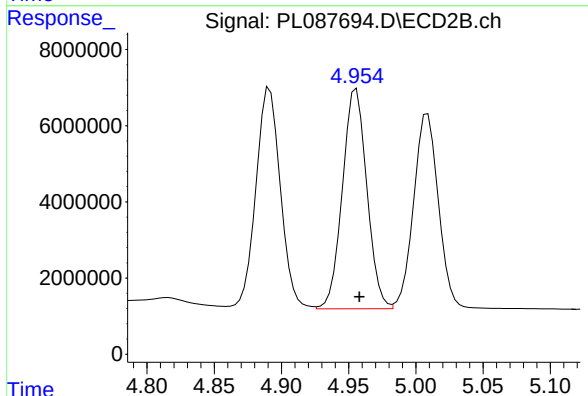
#11 alpha-Chlordane

R.T.: 5.915 min  
Delta R.T.: 0.000 min  
Response: 172444187  
Conc: 44.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

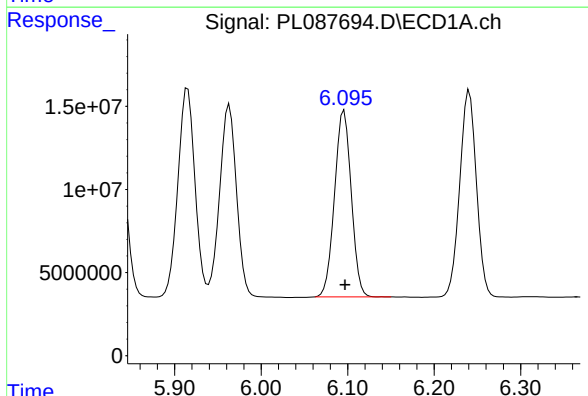
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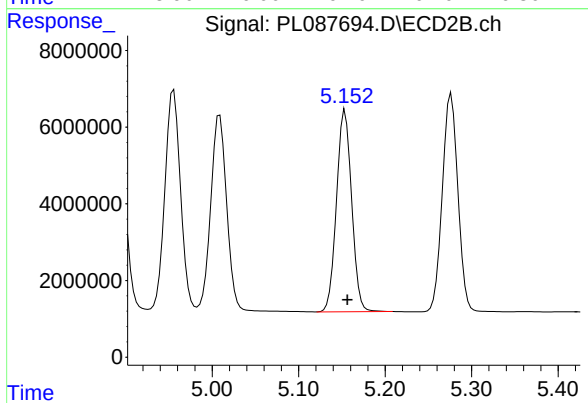
#11 alpha-Chlordane

R.T.: 4.956 min  
Delta R.T.: -0.002 min  
Response: 72943395  
Conc: 43.95 ng/ml



#12 4,4'-DDE

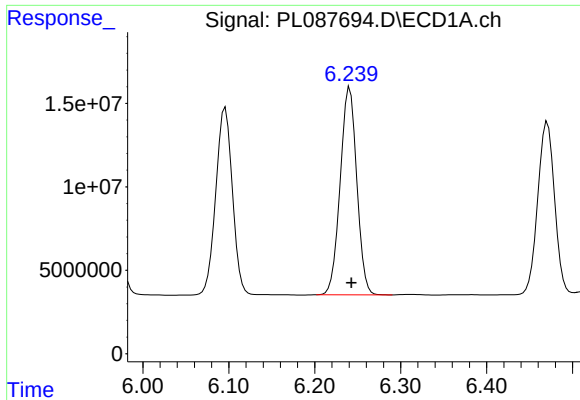
R.T.: 6.096 min  
Delta R.T.: -0.001 min  
Response: 149830074  
Conc: 46.86 ng/ml



#12 4,4'-DDE

R.T.: 5.154 min  
Delta R.T.: -0.003 min  
Response: 63699234  
Conc: 47.36 ng/ml





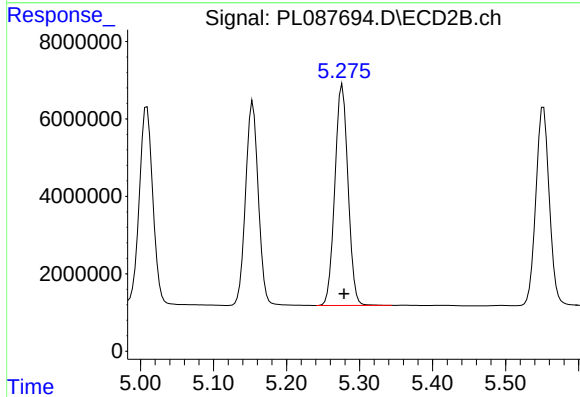
#13 Dieldrin

R.T.: 6.241 min  
Delta R.T.: -0.002 min  
Response: 166934250  
Conc: 44.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

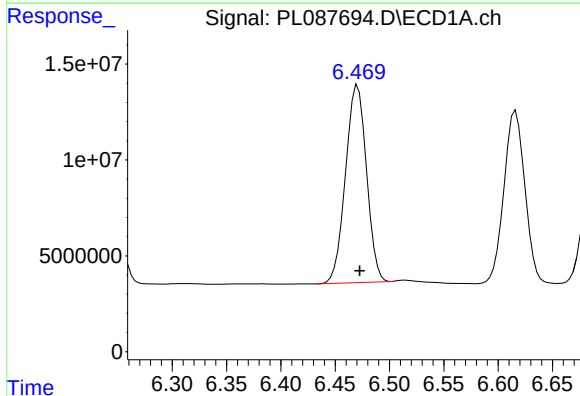
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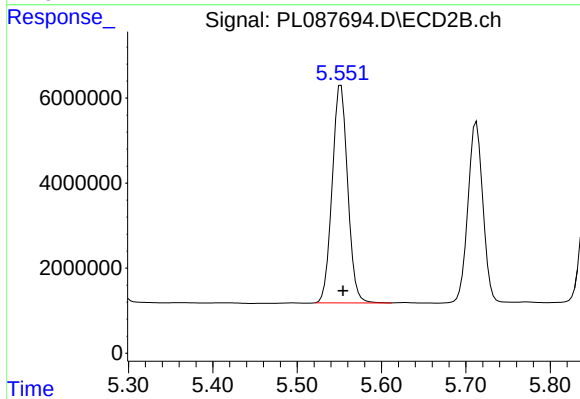
#13 Dieldrin

R.T.: 5.276 min  
Delta R.T.: -0.002 min  
Response: 71534800  
Conc: 45.02 ng/ml



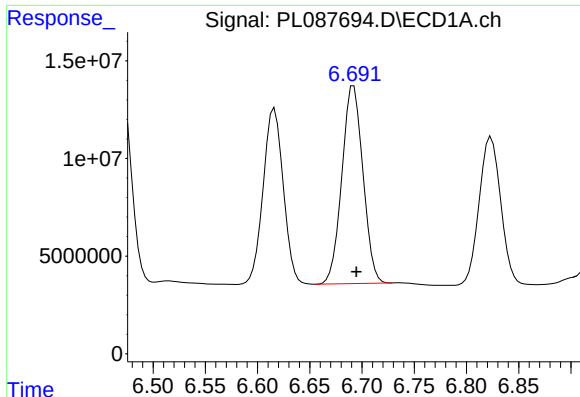
#14 Endrin

R.T.: 6.471 min  
Delta R.T.: -0.002 min  
Response: 138648041  
Conc: 44.14 ng/ml



#14 Endrin

R.T.: 5.552 min  
Delta R.T.: -0.002 min  
Response: 65512988  
Conc: 46.20 ng/ml



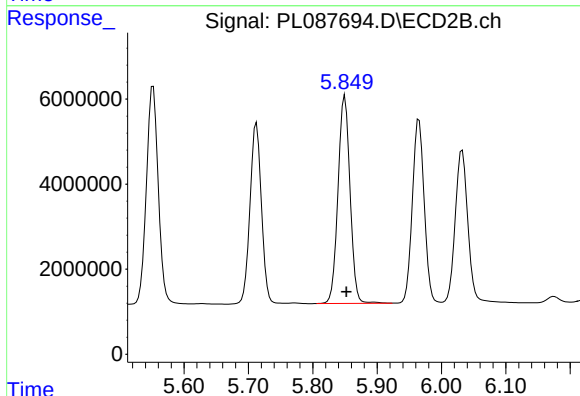
#15 Endosulfan II

R.T.: 6.692 min  
Delta R.T.: -0.003 min  
Response: 141896411  
Conc: 44.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

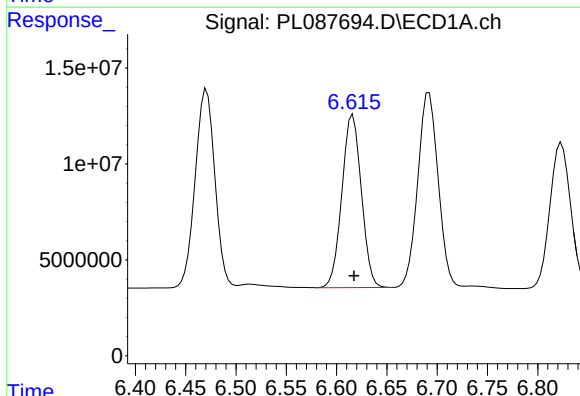
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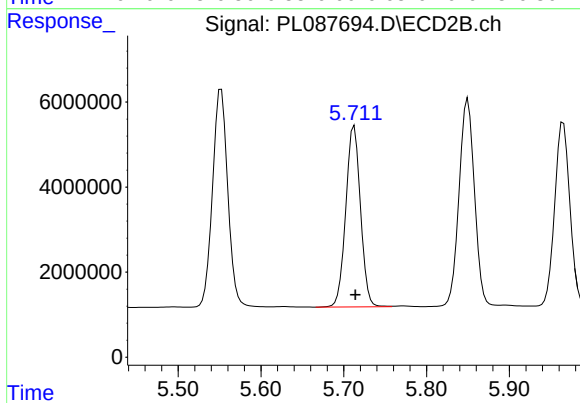
#15 Endosulfan II

R.T.: 5.850 min  
Delta R.T.: -0.002 min  
Response: 63629550  
Conc: 46.48 ng/ml



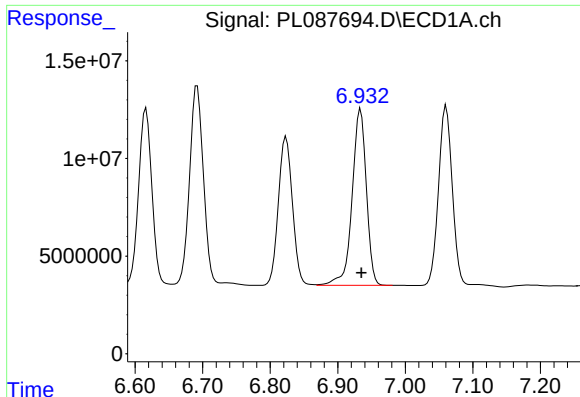
#16 4,4'-DDD

R.T.: 6.616 min  
Delta R.T.: -0.001 min  
Response: 121073234  
Conc: 46.95 ng/ml



#16 4,4'-DDD

R.T.: 5.713 min  
Delta R.T.: -0.002 min  
Response: 52675001  
Conc: 46.72 ng/ml



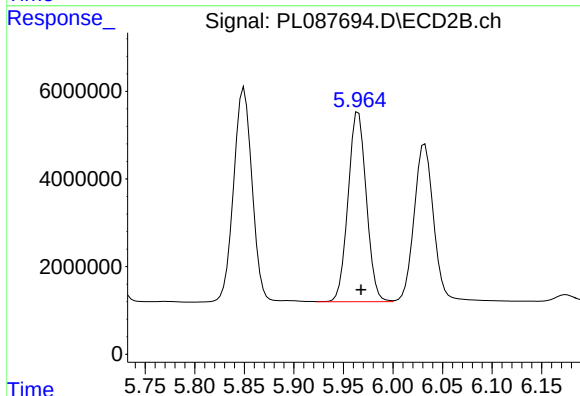
#17 4,4'-DDT

R.T.: 6.934 min  
Delta R.T.: -0.001 min  
Response: 131918596  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

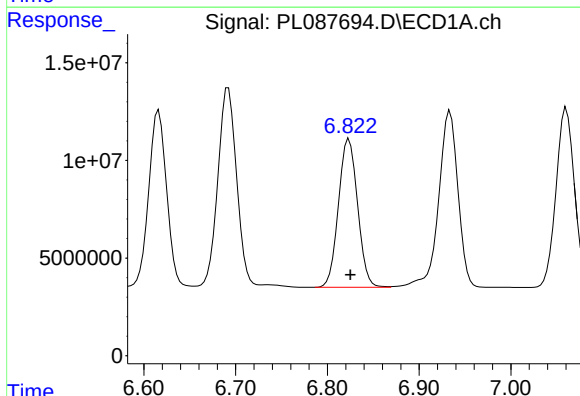
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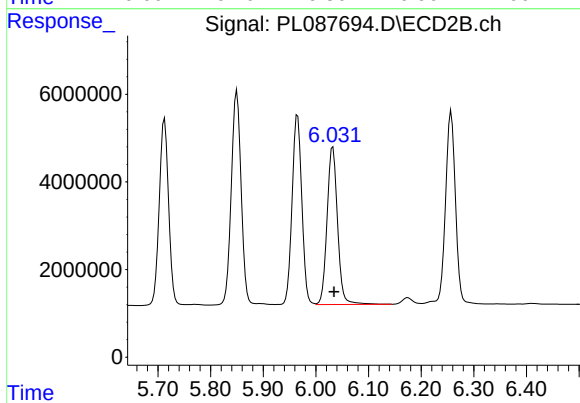
#17 4,4'-DDT

R.T.: 5.965 min  
Delta R.T.: -0.003 min  
Response: 55488055  
Conc: 44.58 ng/ml



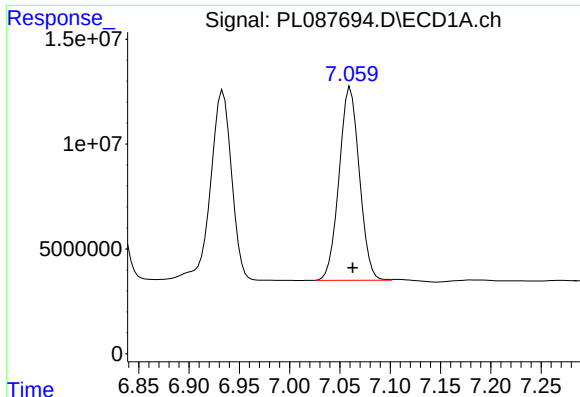
#18 Endrin aldehyde

R.T.: 6.824 min  
Delta R.T.: -0.001 min  
Response: 110070803  
Conc: 43.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 49589624  
Conc: 42.67 ng/ml



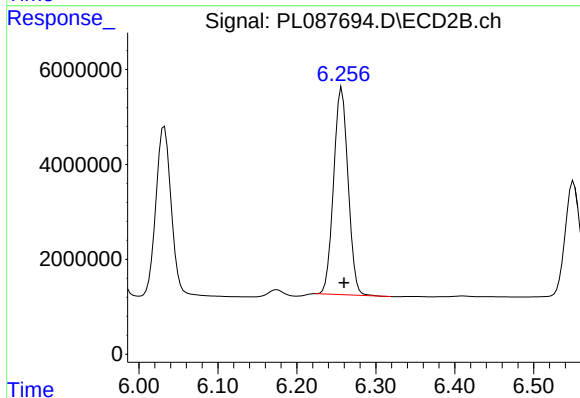
#19 Endosulfan Sulfate

R.T.: 7.060 min  
Delta R.T.: -0.002 min  
Response: 128811372  
Conc: 42.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

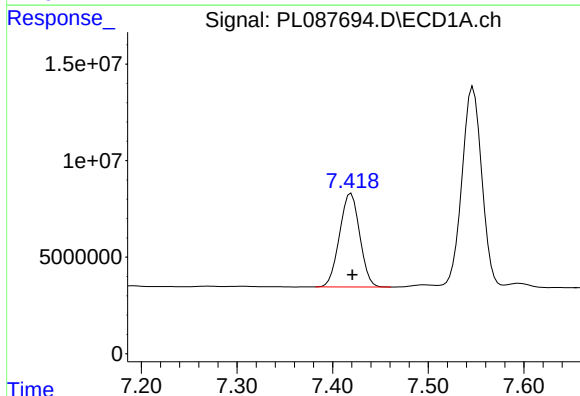
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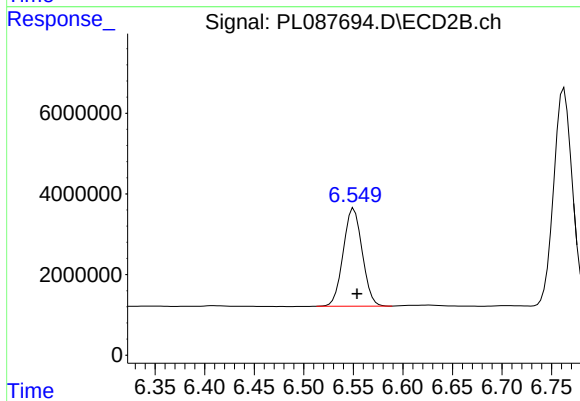
#19 Endosulfan Sulfate

R.T.: 6.257 min  
Delta R.T.: -0.003 min  
Response: 55406201  
Conc: 42.21 ng/ml



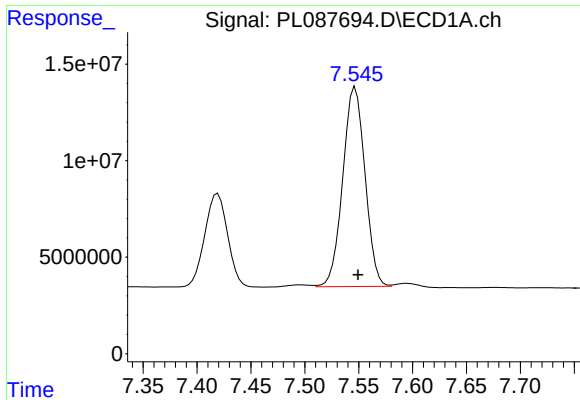
#20 Methoxychlor

R.T.: 7.419 min  
Delta R.T.: -0.001 min  
Response: 71281190  
Conc: 43.90 ng/ml



#20 Methoxychlor

R.T.: 6.551 min  
Delta R.T.: -0.003 min  
Response: 32383918  
Conc: 44.00 ng/ml



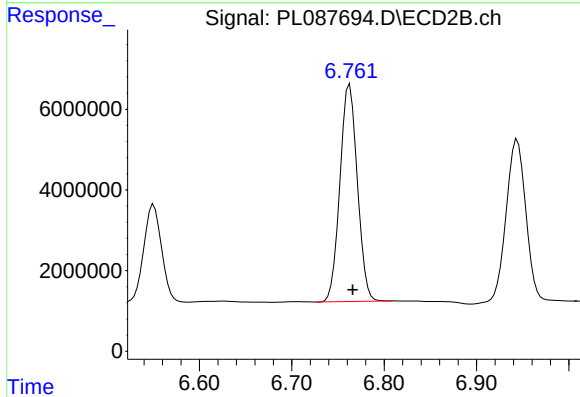
#21 Endrin ketone

R.T.: 7.547 min  
Delta R.T.: -0.003 min  
Response: 148276576  
Conc: 45.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

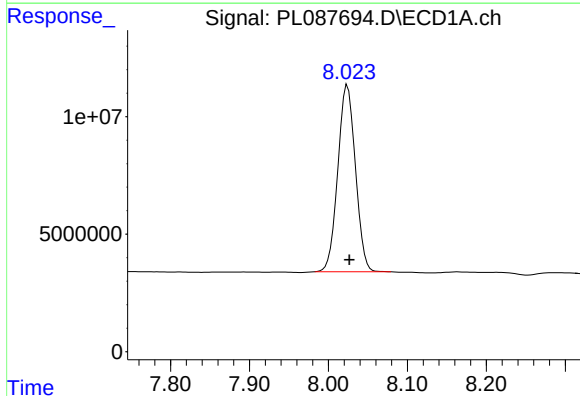
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/10/2024  
Supervised By :Ankita Jodhani 01/10/2024



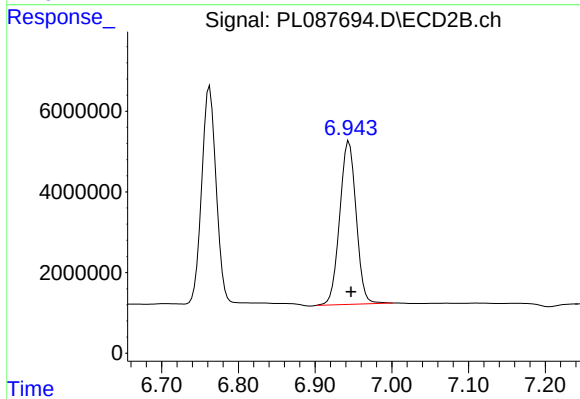
#21 Endrin ketone

R.T.: 6.763 min  
Delta R.T.: -0.003 min  
Response: 70693846  
Conc: 46.11 ng/ml



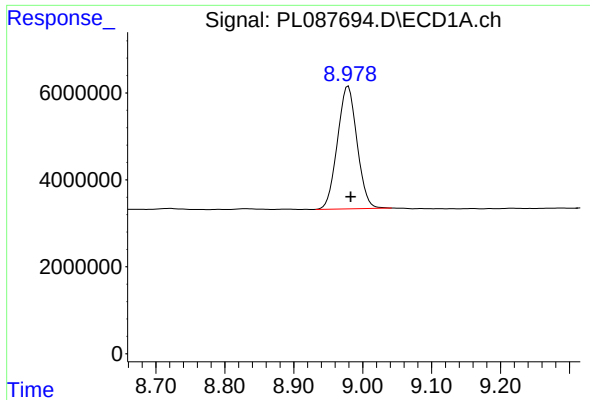
#22 Mirex

R.T.: 8.024 min  
Delta R.T.: -0.002 min  
Response: 123322166  
Conc: 43.98 ng/ml



#22 Mirex

R.T.: 6.944 min  
Delta R.T.: -0.003 min  
Response: 60367277  
Conc: 45.00 ng/ml



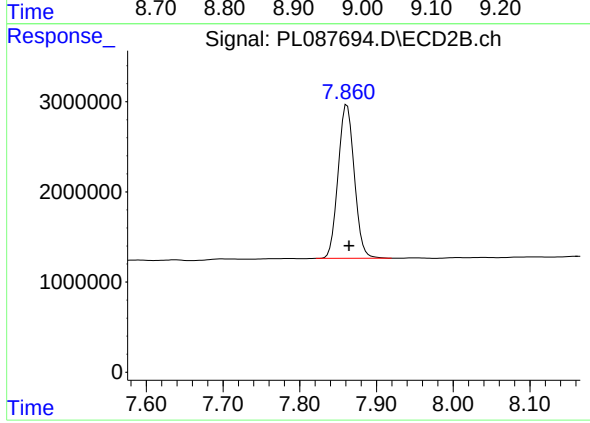
#28 Decachlorobiphenyl

R.T.: 8.979 min  
Delta R.T.: -0.004 min  
Response: 55772110  
Conc: 19.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-A-COMP(0-8)MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/10/2024  
Supervised By :Ankita Jodhani 01/10/2024



#28 Decachlorobiphenyl

R.T.: 7.862 min  
Delta R.T.: -0.003 min  
Response: 24999865  
Conc: 19.73 ng/ml