

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032124\  
 Data File : PL088721.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Mar 2024 17:11  
 Operator : AR\AJ  
 Sample : PB159727BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB159727BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/22/2024  
 Supervised By :Ankita Jodhani 03/22/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 21 23:28:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 13 15:45:55 2024  
 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... | 3.634 | 2.852 | 68061993 | 33643016 | 25.684  | 25.243 |
| 28)                         | SA Decachlor... | 9.302 | 8.081 | 51538702 | 30005749 | 20.850  | 22.129 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.099 | 3.367 | 206.3E6  | 100.2E6  | 51.680  | 49.885 |
| 3)                          | MA gamma-BHC... | 4.438 | 3.703 | 194.6E6  | 94648538 | 50.168  | 49.319 |
| 4)                          | MA Heptachlor   | 5.038 | 4.052 | 187.2E6  | 88778010 | 49.308  | 49.329 |
| 5)                          | MB Aldrin       | 5.385 | 4.337 | 178.9E6  | 88659742 | 48.807  | 49.063 |
| 6)                          | B beta-BHC      | 4.635 | 4.005 | 87301040 | 41629292 | 49.227  | 48.562 |
| 7)                          | B delta-BHC     | 4.888 | 4.240 | 189.4E6  | 90446489 | 47.007  | 47.278 |
| 8)                          | B Heptachlo...  | 5.817 | 4.848 | 166.8E6  | 81231885 | 48.552  | 49.396 |
| 9)                          | A Endosulfan I  | 6.208 | 5.223 | 147.6E6  | 75540020 | 48.277  | 50.251 |
| 10)                         | B gamma-Chl...  | 6.076 | 5.102 | 170.2E6  | 84651611 | 51.084  | 51.108 |
| 11)                         | B alpha-Chl...  | 6.157 | 5.167 | 164.0E6  | 83941033 | 49.349  | 50.569 |
| 12)                         | B 4,4'-DDE      | 6.332 | 5.360 | 141.9E6  | 76002142 | 47.507  | 52.107 |
| 13)                         | MA Dieldrin     | 6.487 | 5.492 | 153.8E6  | 80985058 | 47.417  | 49.863 |
| 14)                         | MA Endrin       | 6.720 | 5.771 | 112.8E6  | 65844277 | 41.265  | 45.680 |
| 15)                         | B Endosulfa...  | 6.940 | 6.069 | 128.8E6  | 69952017 | 44.982  | 48.649 |
| 16)                         | A 4,4'-DDD      | 6.854 | 5.922 | 117.8E6  | 67491002 | 46.268  | 54.193 |
| 17)                         | MA 4,4'-DDT     | 7.173 | 6.176 | 109.7E6  | 59000009 | 41.144  | 43.958 |
| 18)                         | B Endrin al...  | 7.070 | 6.251 | 99643492 | 54257354 | 47.726m | 51.775 |
| 19)                         | B Endosulfa...  | 7.308 | 6.477 | 124.3E6  | 65966016 | 45.025  | 47.545 |
| 20)                         | A Methoxychlor  | 7.652 | 6.760 | 57448625 | 33424014 | 38.134  | 41.672 |
| 21)                         | B Endrin ke...  | 7.799 | 6.989 | 135.4E6  | 80460653 | 45.802  | 48.743 |
| 22)                         | Mirex           | 8.282 | 7.176 | 102.3E6  | 61539696 | 43.621  | 45.638 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032124\  
Data File : PL088721.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Mar 2024 17:11  
Operator : AR\AJ  
Sample : PB159727BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

## Instrument :

ECD\_L

ClientSampleId :

PB159727BS

## Manual Integrations

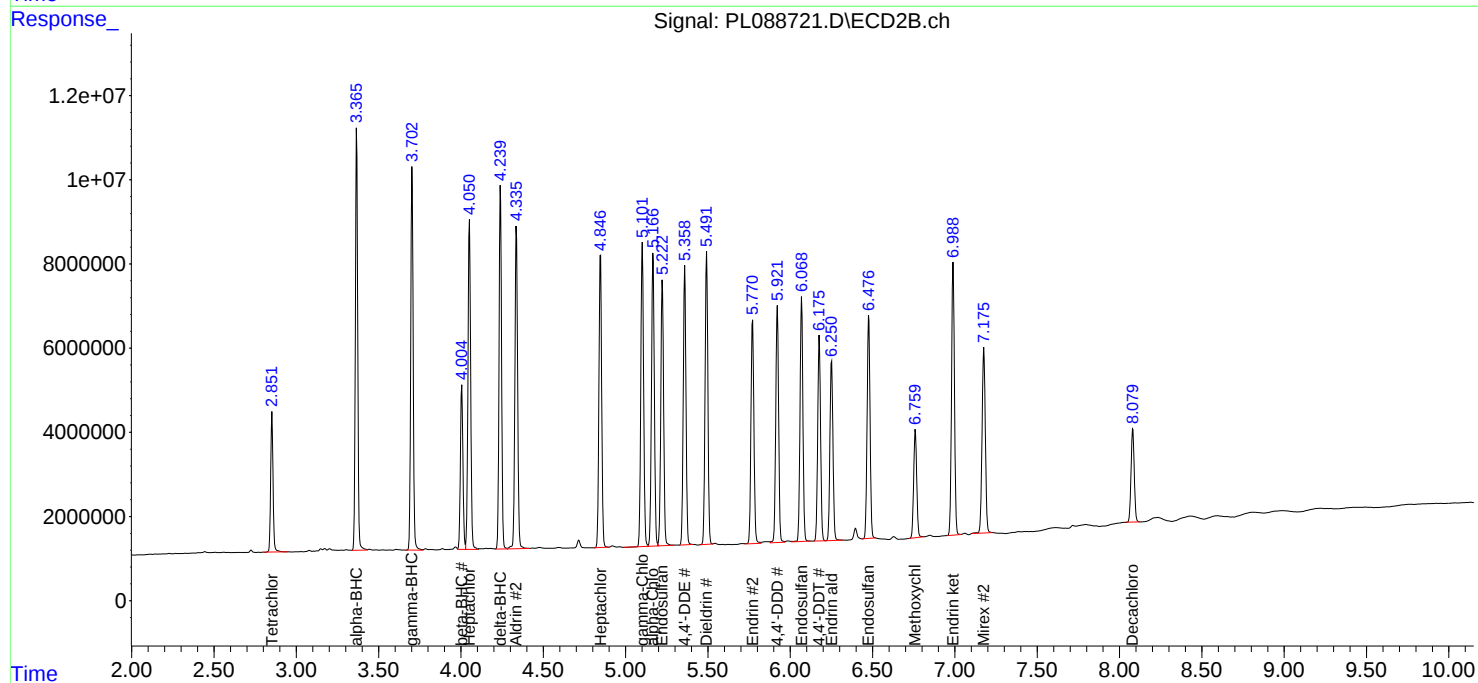
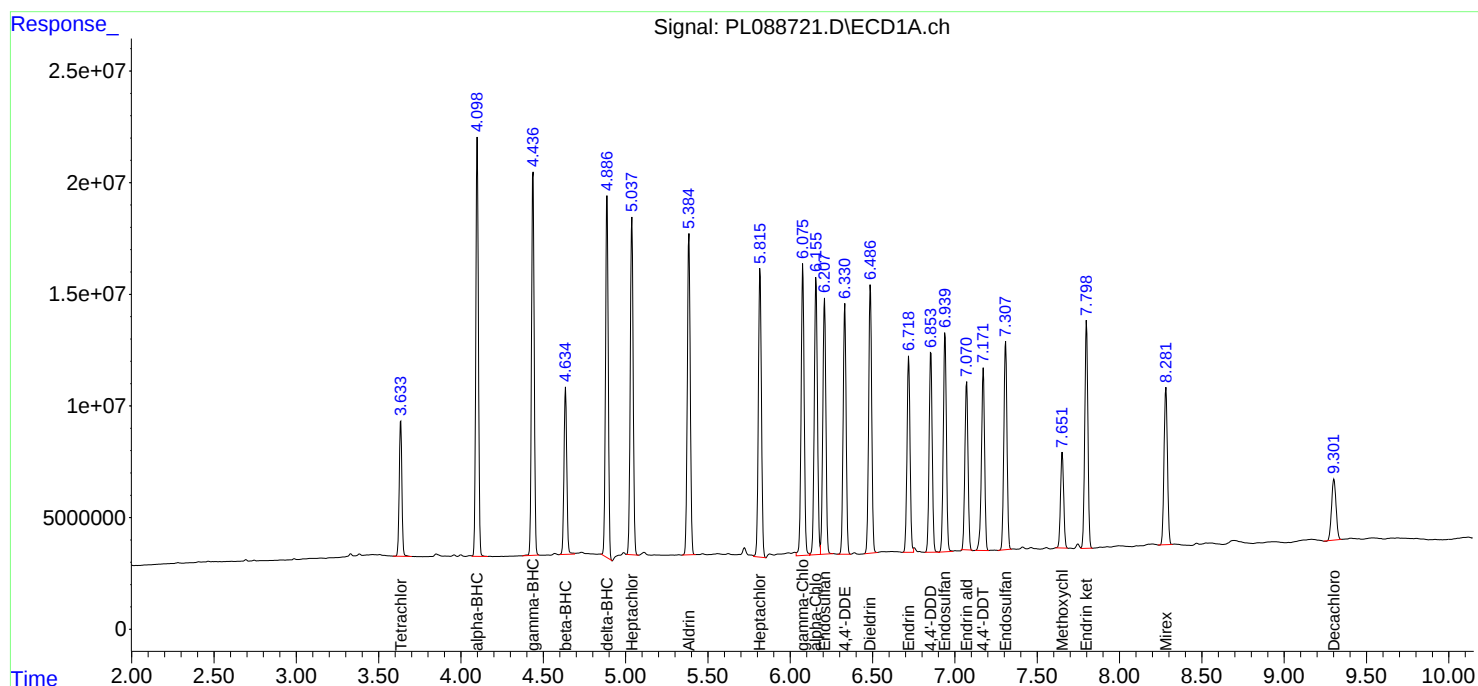
APPROVED

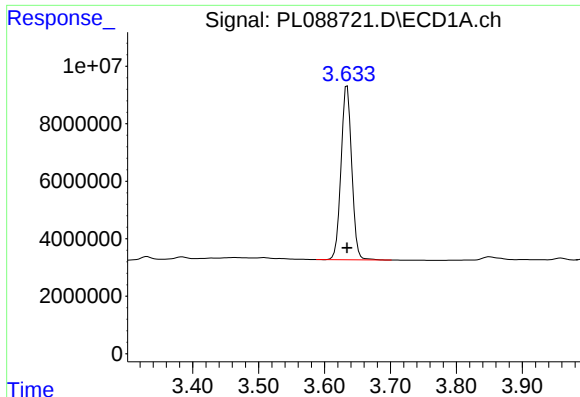
Reviewed By :Abdul Mirza 03/22/2024

Supervised By :Ankita Jodhani 03/22/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 23:28:35 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031324.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 13 15:45:55 2024  
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





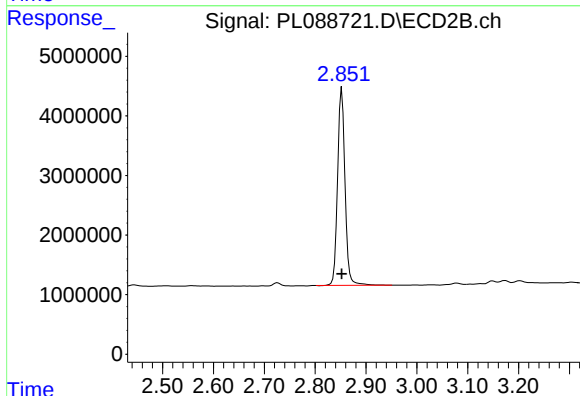
#1 Tetrachloro-m-xylene

R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 68061993  
Conc: 25.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

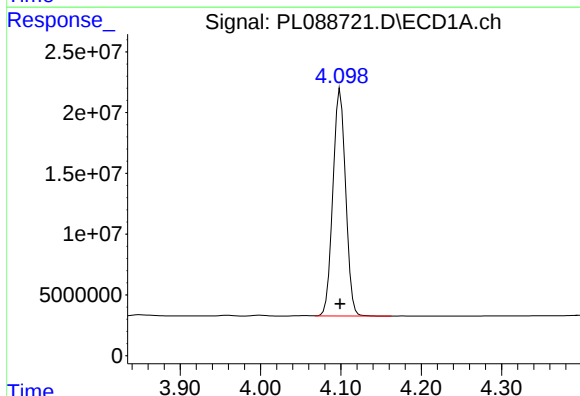
Manual Integrations  
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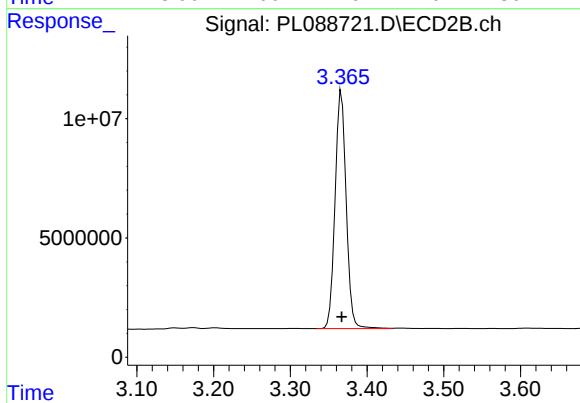
#1 Tetrachloro-m-xylene

R.T.: 2.852 min  
Delta R.T.: 0.000 min  
Response: 33643016  
Conc: 25.24 ng/ml



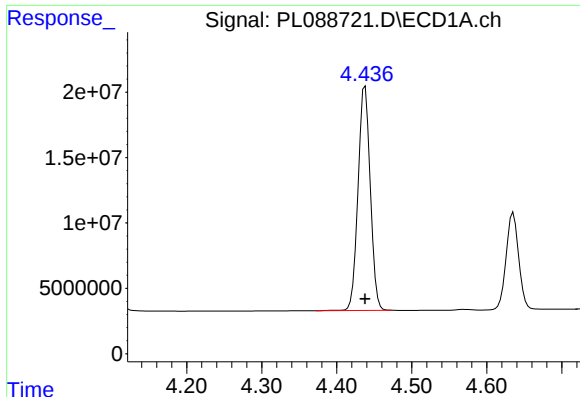
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 206292740  
Conc: 51.68 ng/ml



#2 alpha-BHC

R.T.: 3.367 min  
Delta R.T.: 0.000 min  
Response: 100240805  
Conc: 49.88 ng/ml



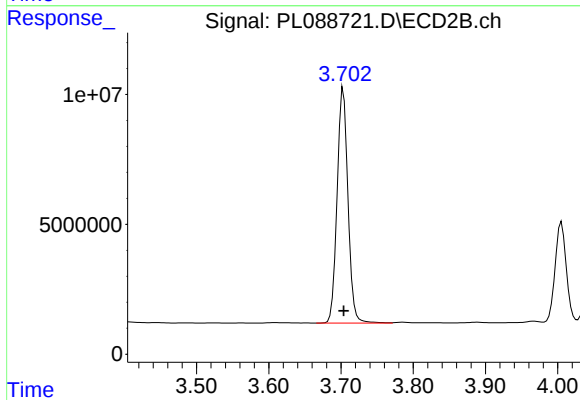
#3 gamma-BHC (Lindane)

R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 194563055  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

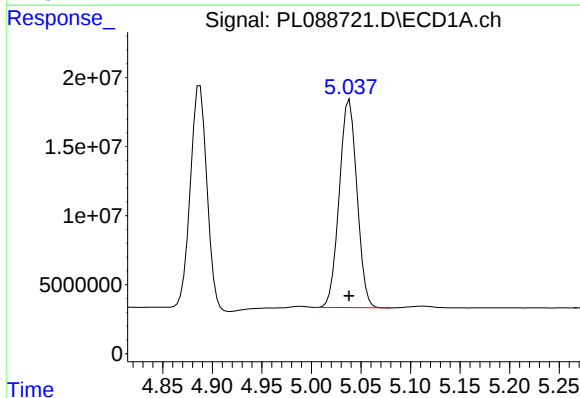
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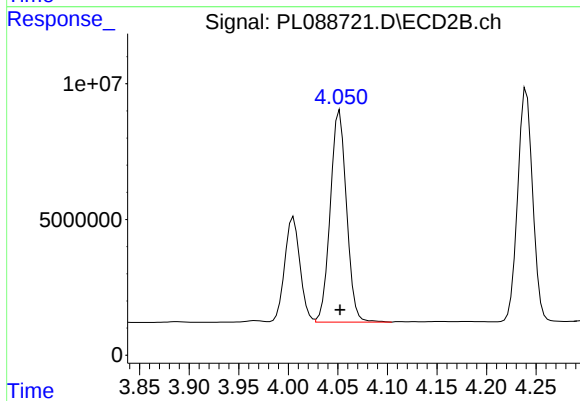
#3 gamma-BHC (Lindane)

R.T.: 3.703 min  
Delta R.T.: 0.000 min  
Response: 94648538  
Conc: 49.32 ng/ml



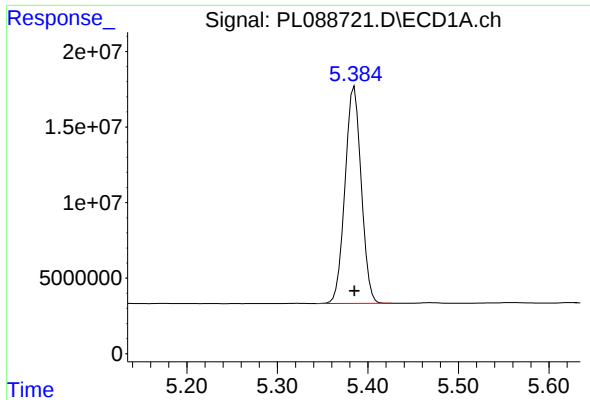
#4 Heptachlor

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 187245090  
Conc: 49.31 ng/ml



#4 Heptachlor

R.T.: 4.052 min  
Delta R.T.: 0.000 min  
Response: 88778010  
Conc: 49.33 ng/ml



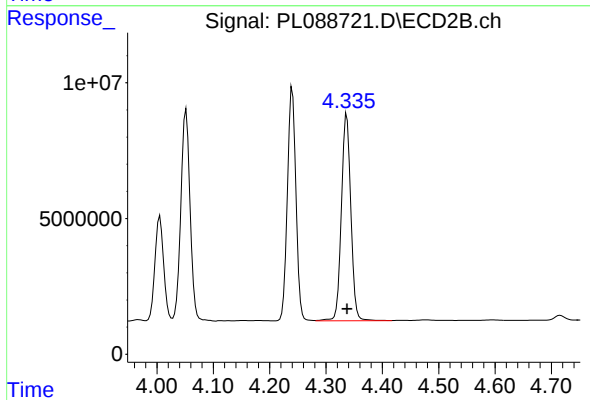
#5 Aldrin

R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 178852066  
Conc: 48.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

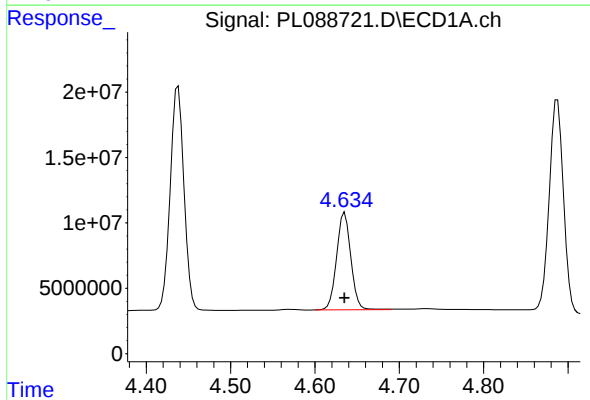
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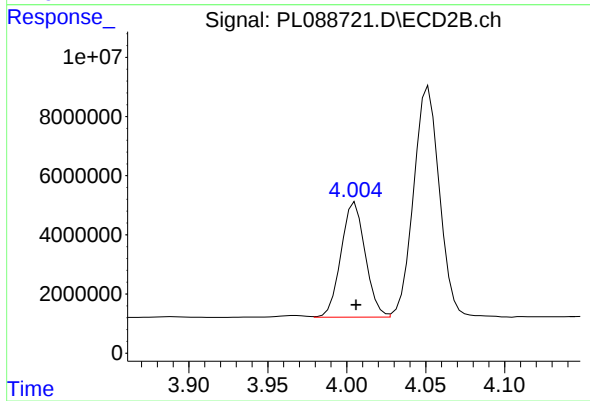
#5 Aldrin

R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 88659742  
Conc: 49.06 ng/ml



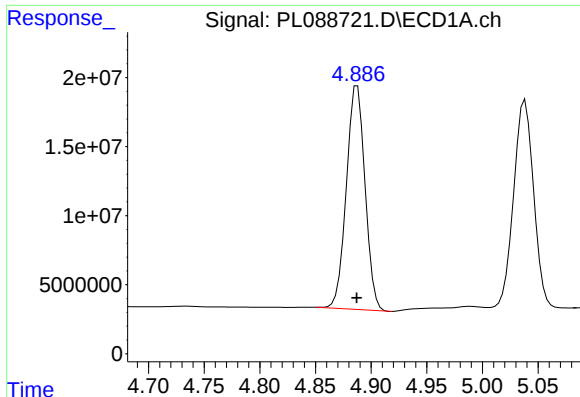
#6 beta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 87301040  
Conc: 49.23 ng/ml



#6 beta-BHC

R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 41629292  
Conc: 48.56 ng/ml



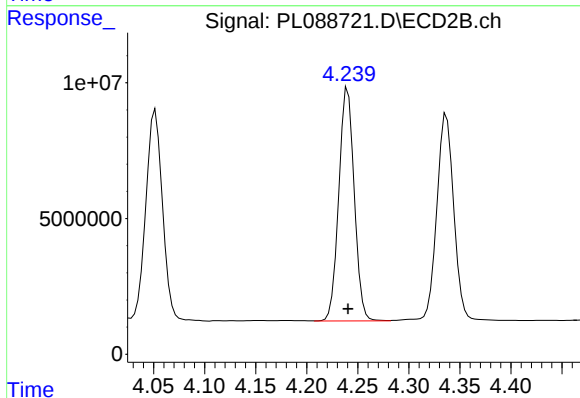
#7 delta-BHC

R.T.: 4.888 min  
Delta R.T.: 0.000 min  
Response: 189354597  
Conc: 47.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

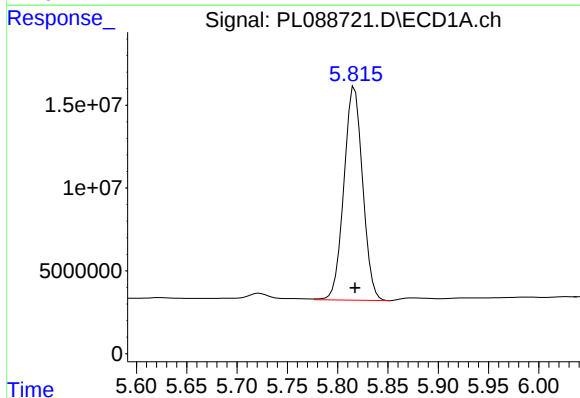
Manual Integrations  
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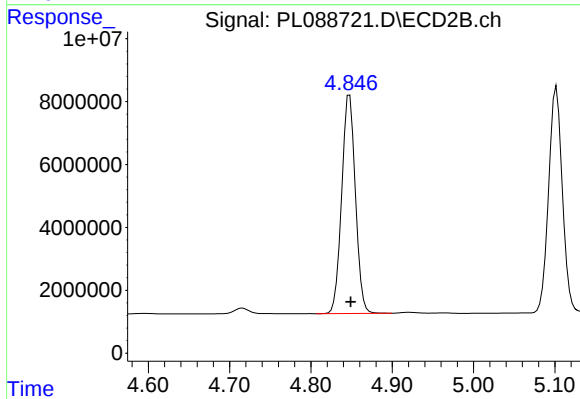
#7 delta-BHC

R.T.: 4.240 min  
Delta R.T.: 0.000 min  
Response: 90446489  
Conc: 47.28 ng/ml



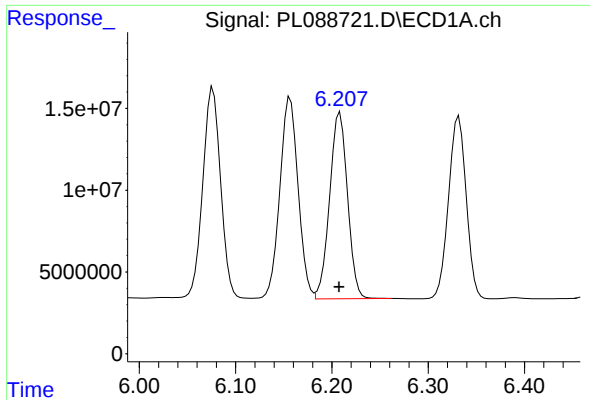
#8 Heptachlor epoxide

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 166776130  
Conc: 48.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.848 min  
Delta R.T.: -0.001 min  
Response: 81231885  
Conc: 49.40 ng/ml



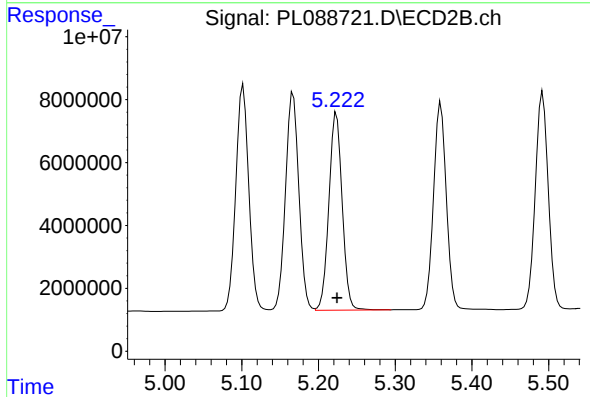
#9 Endosulfan I

R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 147556116  
Conc: 48.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

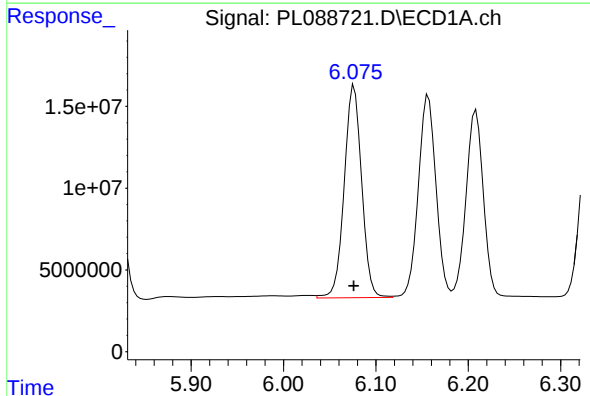
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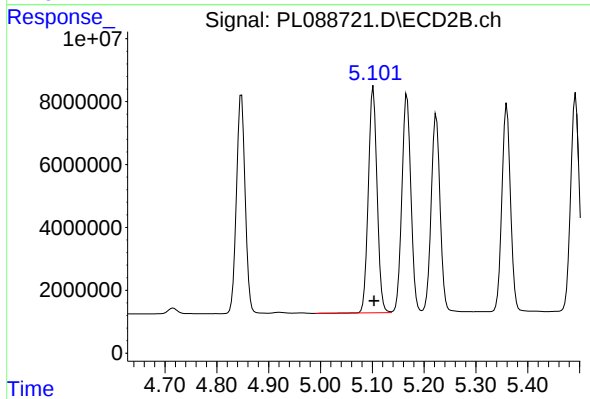
#9 Endosulfan I

R.T.: 5.223 min  
Delta R.T.: 0.000 min  
Response: 75540020  
Conc: 50.25 ng/ml



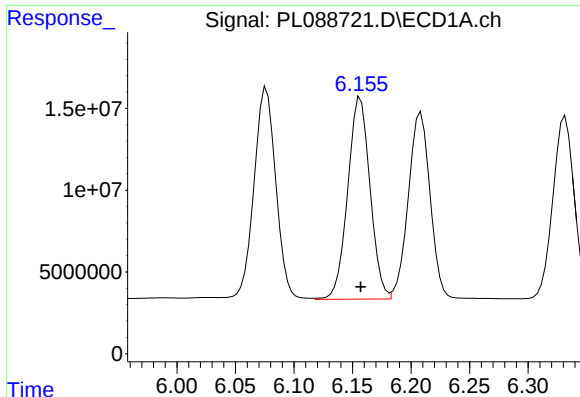
#10 gamma-Chlordane

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 170150060  
Conc: 51.08 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min  
Delta R.T.: -0.001 min  
Response: 84651611  
Conc: 51.11 ng/ml



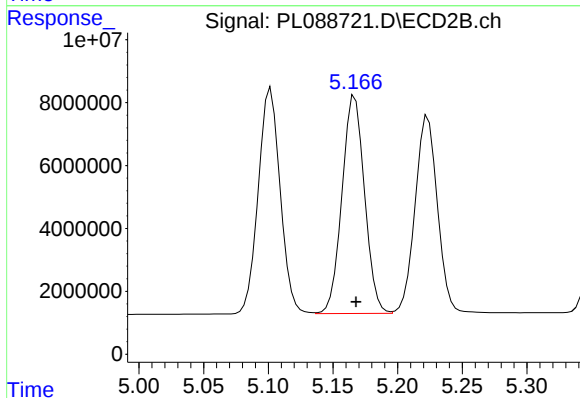
#11 alpha-Chlordane

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 164038916  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

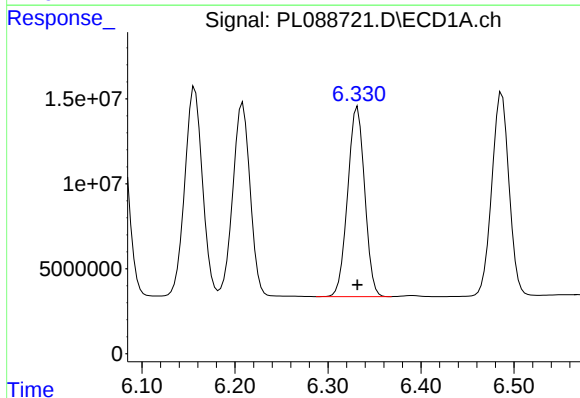
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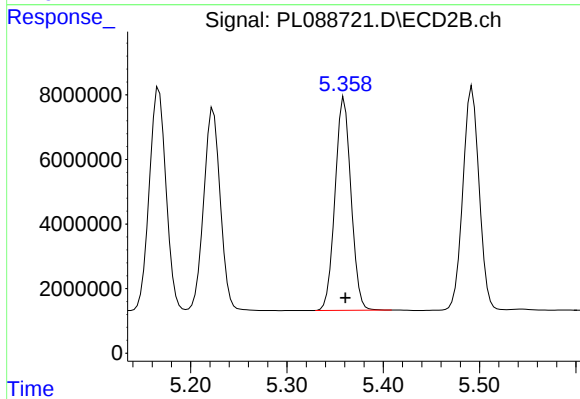
#11 alpha-Chlordane

R.T.: 5.167 min  
Delta R.T.: 0.000 min  
Response: 83941033  
Conc: 50.57 ng/ml



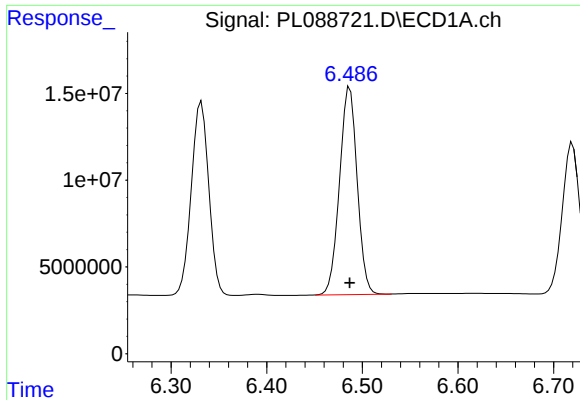
#12 4,4'-DDE

R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 141935902  
Conc: 47.51 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min  
Delta R.T.: -0.001 min  
Response: 76002142  
Conc: 52.11 ng/ml



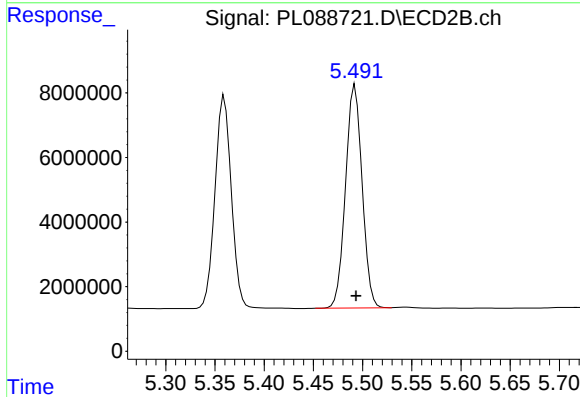
#13 Dieldrin

R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 153757349  
Conc: 47.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

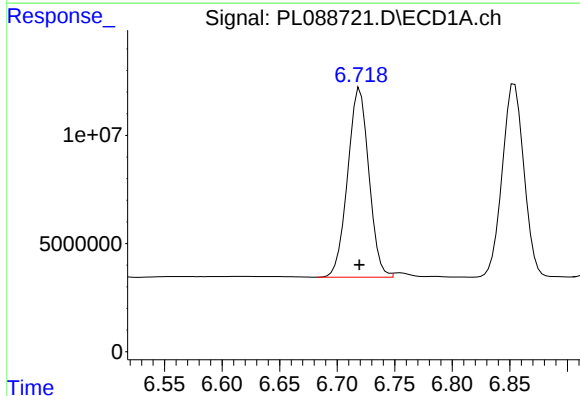
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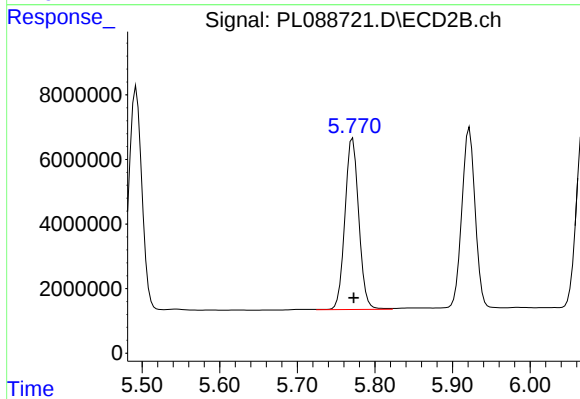
#13 Dieldrin

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 80985058  
Conc: 49.86 ng/ml



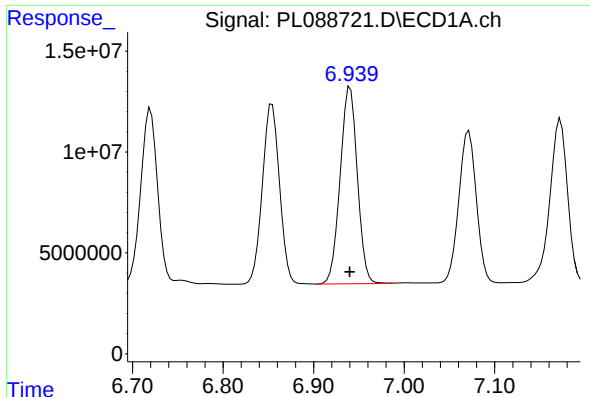
#14 Endrin

R.T.: 6.720 min  
Delta R.T.: 0.000 min  
Response: 112806841  
Conc: 41.26 ng/ml



#14 Endrin

R.T.: 5.771 min  
Delta R.T.: -0.001 min  
Response: 65844277  
Conc: 45.68 ng/ml



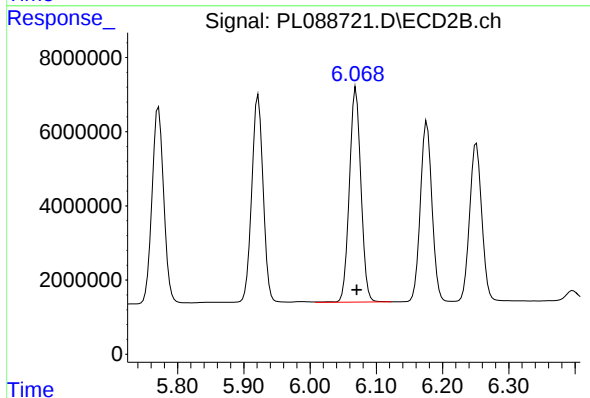
#15 Endosulfan II

R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 128838422  
Conc: 44.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

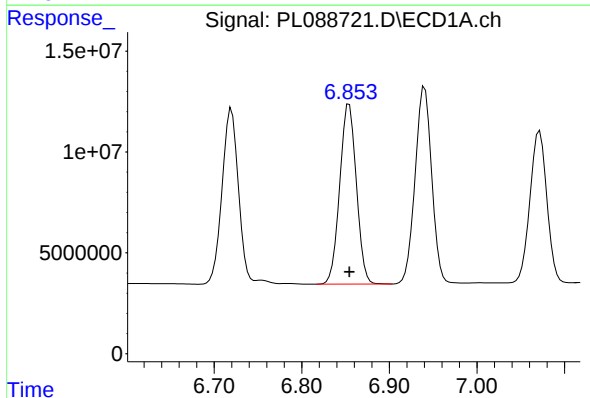
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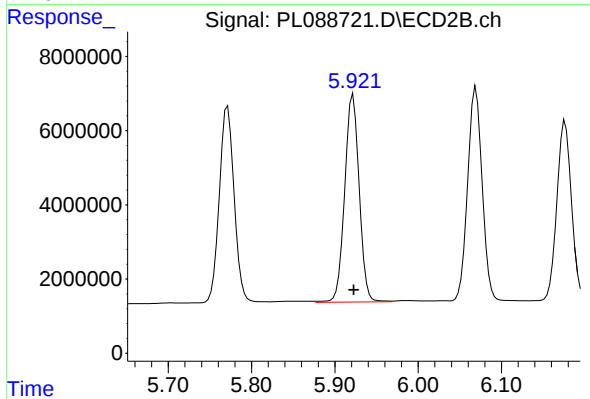
#15 Endosulfan II

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 69952017  
Conc: 48.65 ng/ml



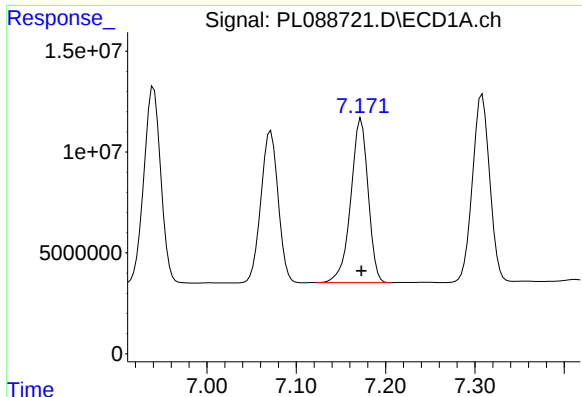
#16 4,4'-DDD

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 117833863  
Conc: 46.27 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 67491002  
Conc: 54.19 ng/ml



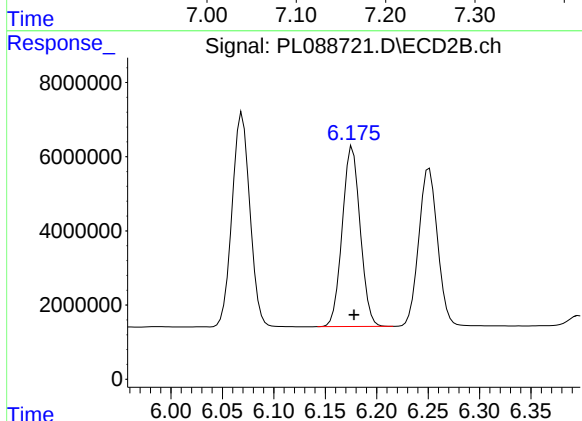
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: 0.000 min  
Response: 109667447  
Conc: 41.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

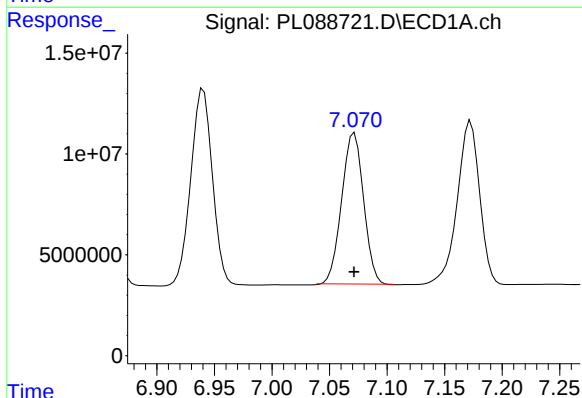
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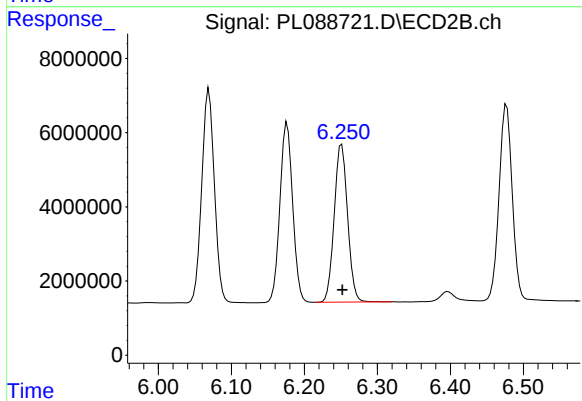
#17 4,4'-DDT

R.T.: 6.176 min  
Delta R.T.: -0.002 min  
Response: 59000009  
Conc: 43.96 ng/ml



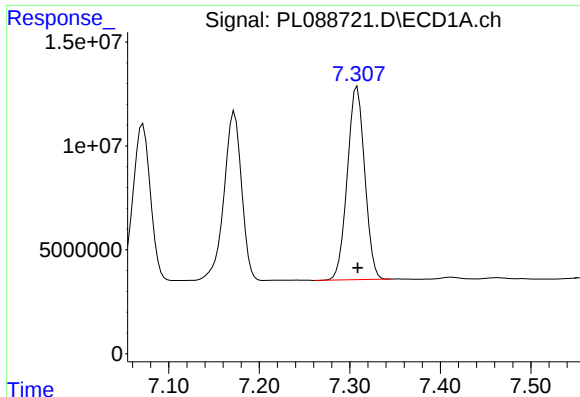
#18 Endrin aldehyde

R.T.: 7.070 min  
Delta R.T.: -0.001 min  
Response: 99643492  
Conc: 47.73 ng/ml m



#18 Endrin aldehyde

R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 54257354  
Conc: 51.77 ng/ml



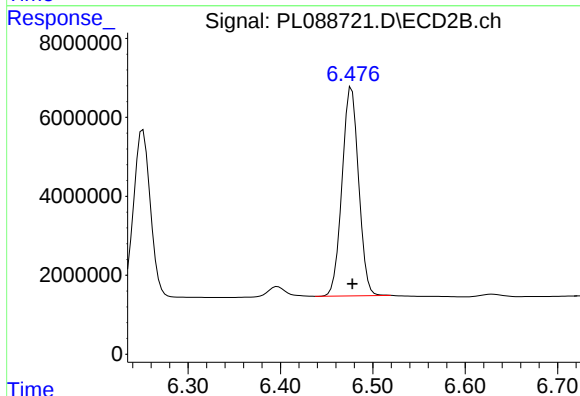
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: 0.000 min  
Response: 124328625  
Conc: 45.03 ng/ml

Instrument :  
ECD\_L  
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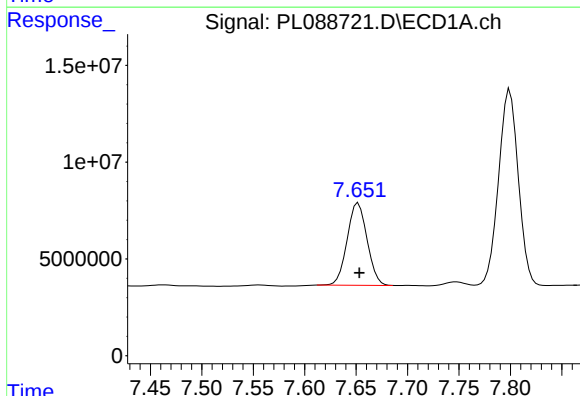
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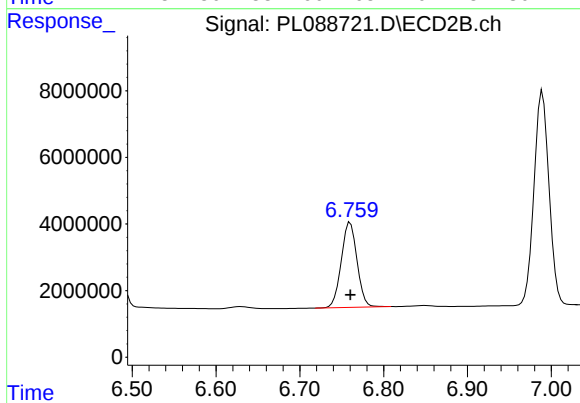
#19 Endosulfan Sulfate

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 65966016  
Conc: 47.55 ng/ml



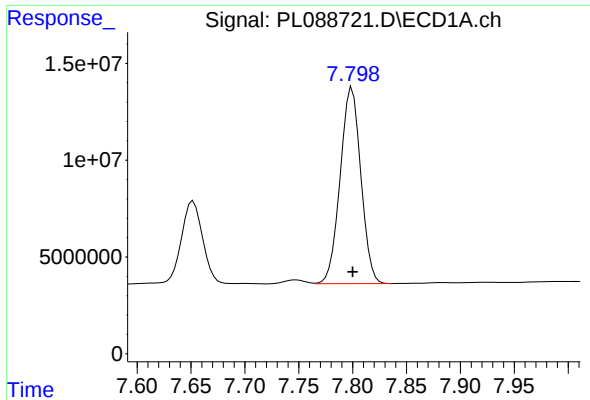
#20 Methoxychlor

R.T.: 7.652 min  
Delta R.T.: -0.001 min  
Response: 57448625  
Conc: 38.13 ng/ml



#20 Methoxychlor

R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 33424014  
Conc: 41.67 ng/ml



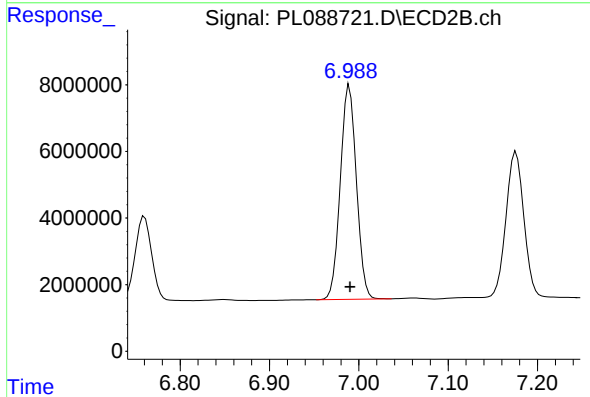
#21 Endrin ketone

R.T.: 7.799 min  
Delta R.T.: 0.000 min  
Response: 135408692  
Conc: 45.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

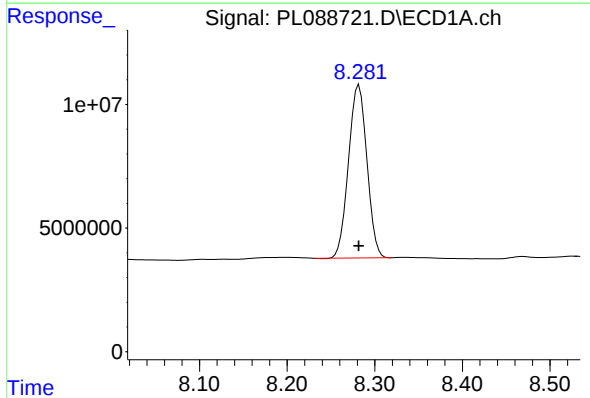
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/22/2024  
Supervised By :Ankita Jodhani 03/22/2024



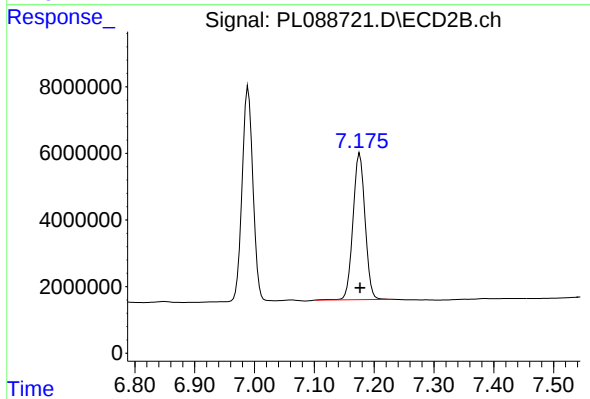
#21 Endrin ketone

R.T.: 6.989 min  
Delta R.T.: 0.000 min  
Response: 80460653  
Conc: 48.74 ng/ml



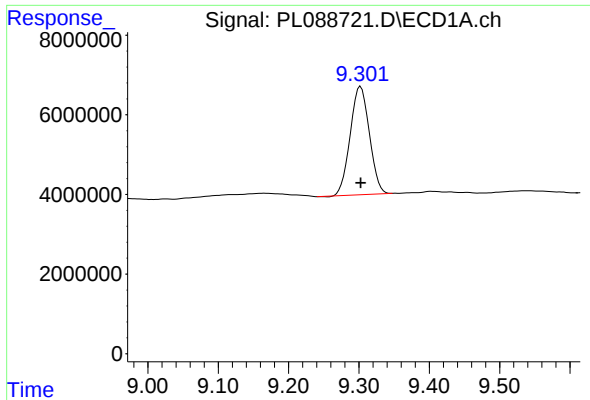
#22 Mirex

R.T.: 8.282 min  
Delta R.T.: 0.000 min  
Response: 102270463  
Conc: 43.62 ng/ml



#22 Mirex

R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 61539696  
Conc: 45.64 ng/ml



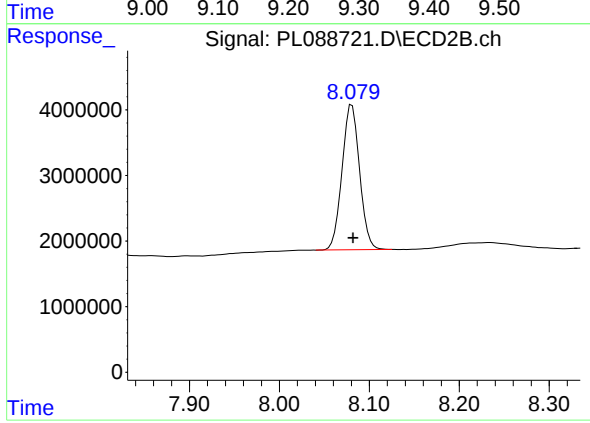
#28 Decachlorobiphenyl

R.T.: 9.302 min  
Delta R.T.: 0.000 min  
Response: 51538702  
Conc: 20.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB159727BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/22/2024  
Supervised By :Ankita Jodhani 03/22/2024



#28 Decachlorobiphenyl

R.T.: 8.081 min  
Delta R.T.: -0.001 min  
Response: 30005749  
Conc: 22.13 ng/ml