

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032124\  
 Data File : PL088718.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Mar 2024 16:30  
 Operator : AR\AJ  
 Sample : P1814-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-6MS

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 23:26:31 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 | 53296952 | 24787566 | 20.112  | 18.599 |
| 28)                         | SA Decachlor... | 9.301 | 8.082 | 35627535 | 19993683 | 14.413  | 14.745 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.099 | 3.366 | 192.9E6  | 92555366 | 48.324  | 46.060 |
| 3)                          | MA gamma-BHC... | 4.438 | 3.703 | 186.9E6  | 88726076 | 48.187  | 46.233 |
| 4)                          | MA Heptachlor   | 5.038 | 4.051 | 175.2E6  | 85059140 | 46.134  | 47.262 |
| 5)                          | MB Aldrin       | 5.385 | 4.337 | 162.8E6  | 79433333 | 44.425  | 43.957 |
| 6)                          | B beta-BHC      | 4.635 | 4.005 | 83146799 | 39040043 | 46.884  | 45.541 |
| 7)                          | B delta-BHC     | 4.887 | 4.240 | 178.1E6  | 83178196 | 44.212  | 43.479 |
| 8)                          | B Heptachlo...  | 5.817 | 4.847 | 156.9E6  | 72703563 | 45.673  | 44.210 |
| 9)                          | A Endosulfan I  | 6.208 | 5.224 | 134.5E6  | 66828829 | 44.013  | 44.456 |
| 10)                         | B gamma-Chl...  | 6.077 | 5.102 | 165.0E6  | 75818217 | 49.528  | 45.775 |
| 11)                         | B alpha-Chl...  | 6.157 | 5.167 | 151.2E6  | 74751322 | 45.499  | 45.033 |
| 12)                         | B 4,4'-DDE      | 6.331 | 5.360 | 129.1E6  | 66364964 | 43.216  | 45.499 |
| 13)                         | MA Dieldrin     | 6.486 | 5.493 | 138.9E6  | 73261842 | 42.830  | 45.108 |
| 14)                         | MA Endrin       | 6.719 | 5.772 | 115.0E6  | 62591192 | 42.078  | 43.423 |
| 15)                         | B Endosulfa...  | 6.940 | 6.070 | 119.3E6  | 59880452 | 41.649  | 41.645 |
| 16)                         | A 4,4'-DDD      | 6.854 | 5.922 | 109.0E6  | 54839408 | 42.813  | 44.035 |
| 17)                         | MA 4,4'-DDT     | 7.173 | 6.177 | 106.8E6  | 53477623 | 40.075  | 39.843 |
| 18)                         | B Endrin al...  | 7.070 | 6.252 | 86995337 | 43288938 | 41.668m | 41.308 |
| 19)                         | B Endosulfa...  | 7.309 | 6.478 | 113.4E6  | 56512458 | 41.065  | 40.731 |
| 20)                         | A Methoxychlor  | 7.653 | 6.761 | 57460339 | 30744394 | 38.141  | 38.331 |
| 21)                         | B Endrin ke...  | 7.800 | 6.990 | 124.3E6  | 64111849 | 42.029  | 38.839 |
| 22)                         | Mirex           | 8.281 | 7.176 | 96934163 | 52881208 | 41.345  | 39.217 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032124\  
Data File : PL088718.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Mar 2024 16:30  
Operator : AR\AJ  
Sample : P1814-01MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

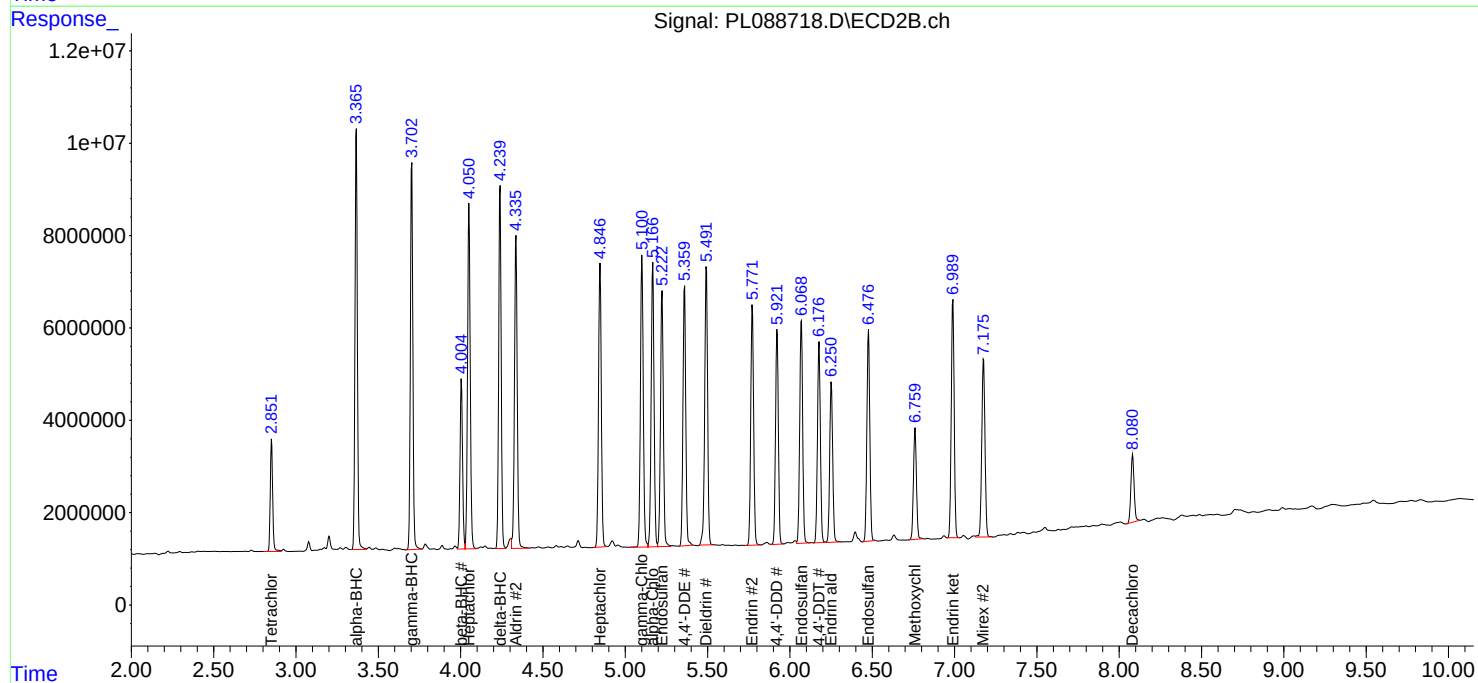
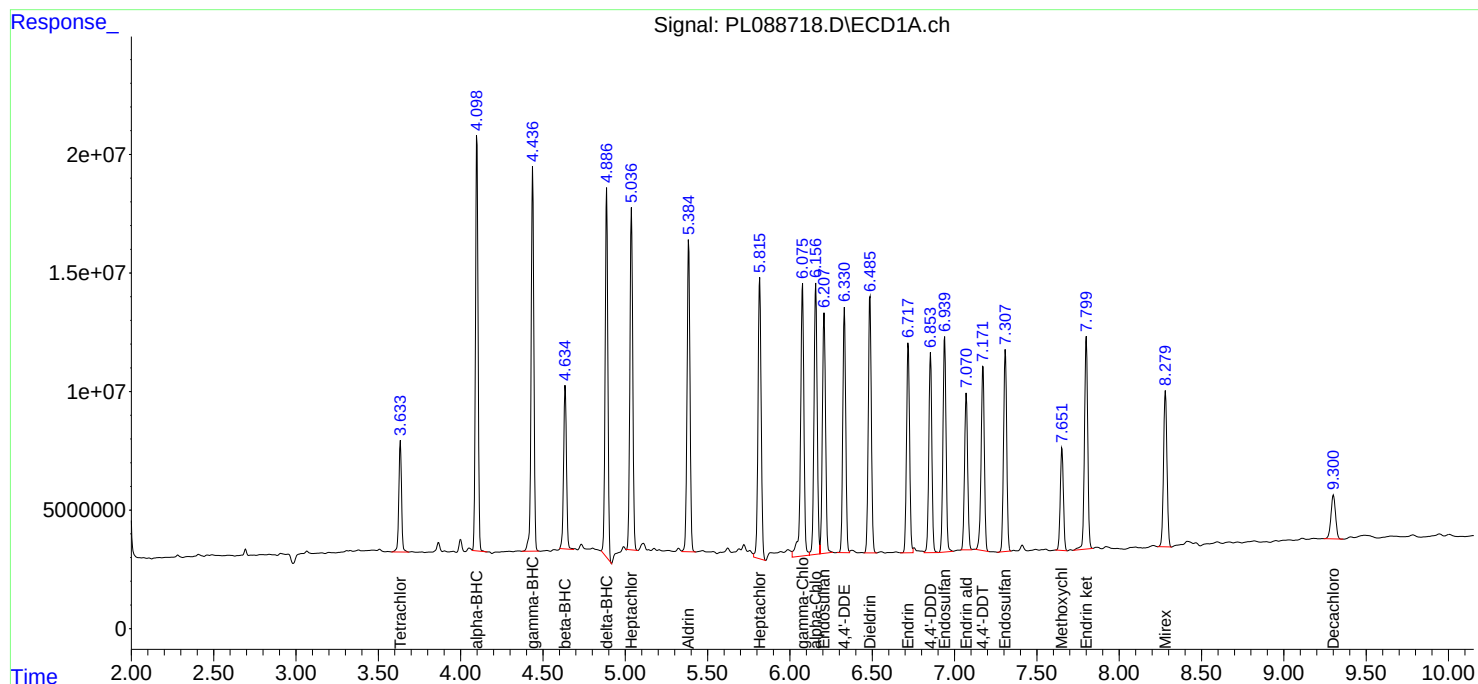
Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

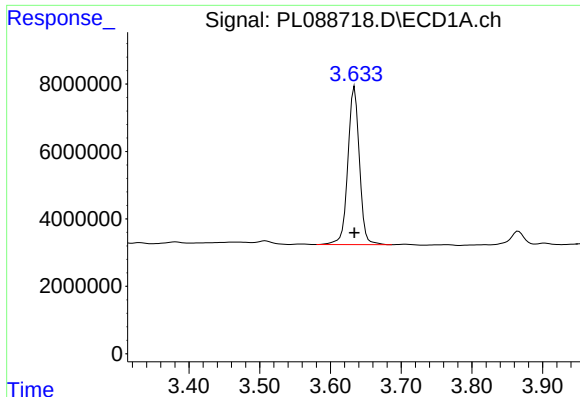
Manual Integrations  
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Supervised By :Ankita Jodhani 03/22/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 23:26:31 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  
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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





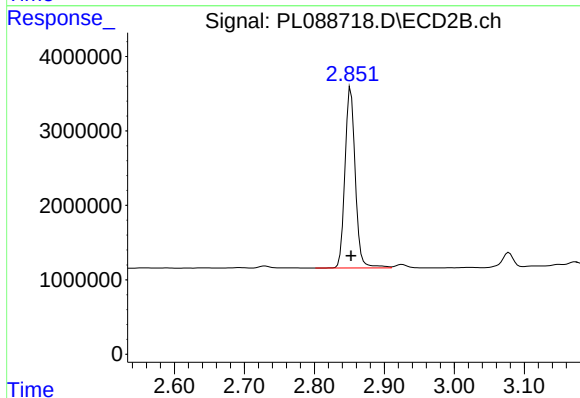
#1 Tetrachloro-m-xylene

R.T.: 3.634 min  
Delta R.T.: 0.000 min  
Response: 53296952  
Conc: 20.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

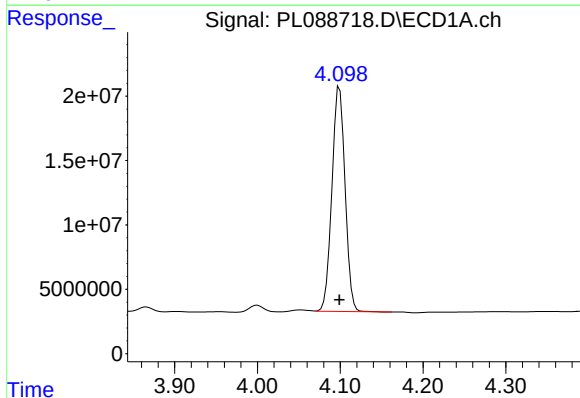
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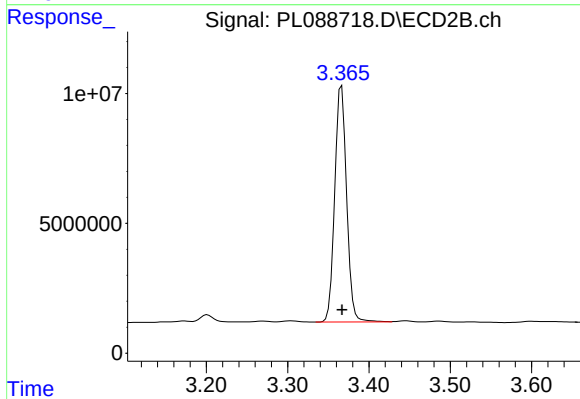
#1 Tetrachloro-m-xylene

R.T.: 2.852 min  
Delta R.T.: 0.000 min  
Response: 24787566  
Conc: 18.60 ng/ml



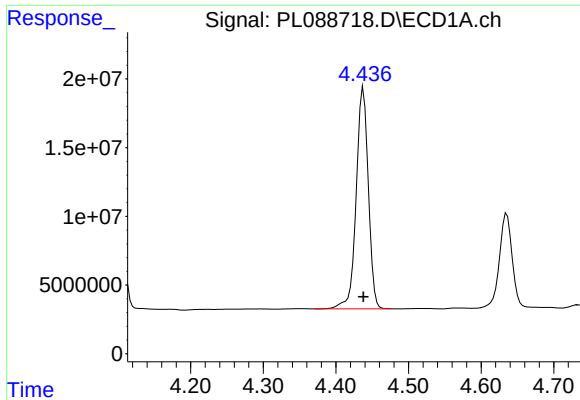
#2 alpha-BHC

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 192896160  
Conc: 48.32 ng/ml



#2 alpha-BHC

R.T.: 3.366 min  
Delta R.T.: 0.000 min  
Response: 92555366  
Conc: 46.06 ng/ml



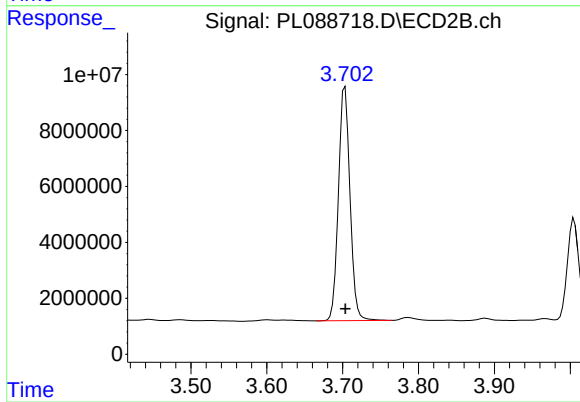
#3 gamma-BHC (Lindane)

R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 186878725  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

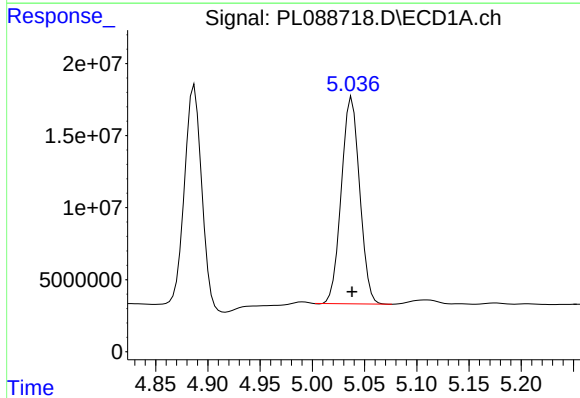
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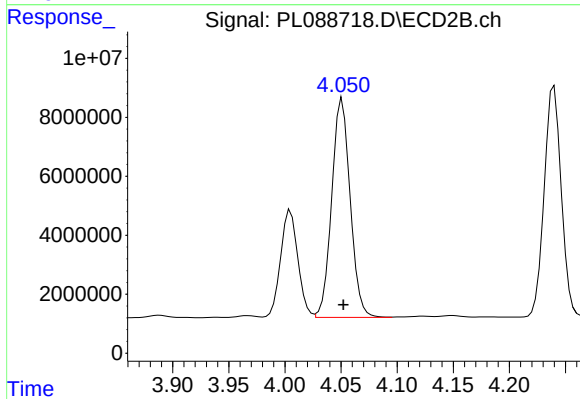
#3 gamma-BHC (Lindane)

R.T.: 3.703 min  
Delta R.T.: 0.000 min  
Response: 88726076  
Conc: 46.23 ng/ml



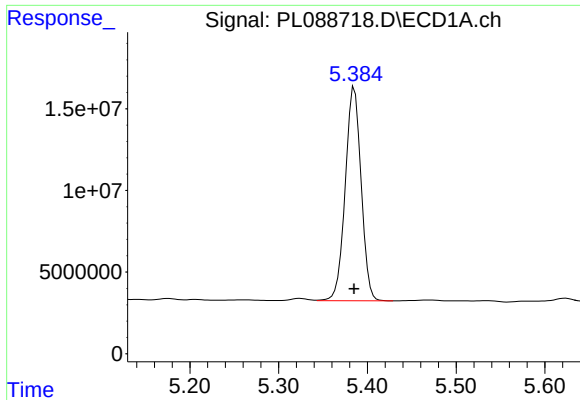
#4 Heptachlor

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 175190655  
Conc: 46.13 ng/ml



#4 Heptachlor

R.T.: 4.051 min  
Delta R.T.: -0.001 min  
Response: 85059140  
Conc: 47.26 ng/ml



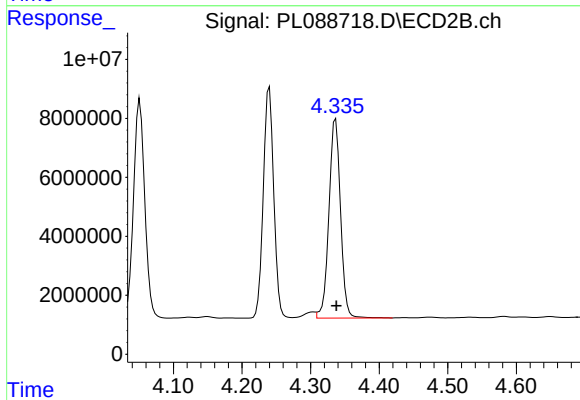
#5 Aldrin

R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 162795483  
Conc: 44.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

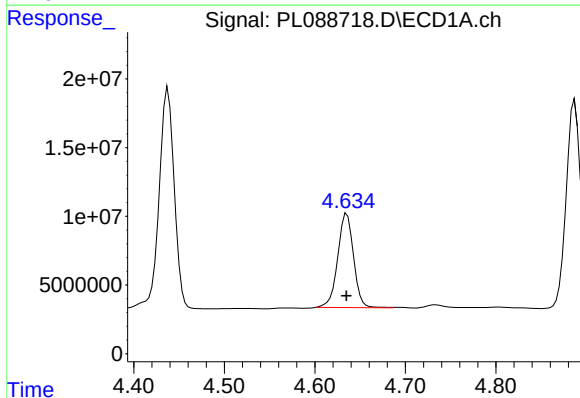
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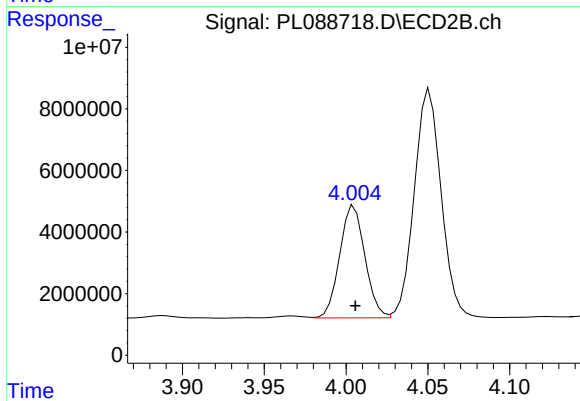
#5 Aldrin

R.T.: 4.337 min  
Delta R.T.: -0.001 min  
Response: 79433333  
Conc: 43.96 ng/ml



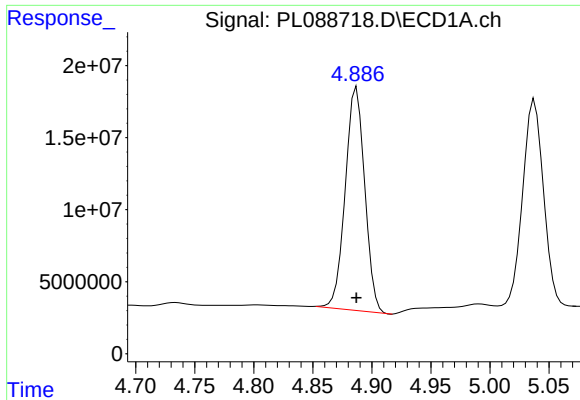
#6 beta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 83146799  
Conc: 46.88 ng/ml



#6 beta-BHC

R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 39040043  
Conc: 45.54 ng/ml



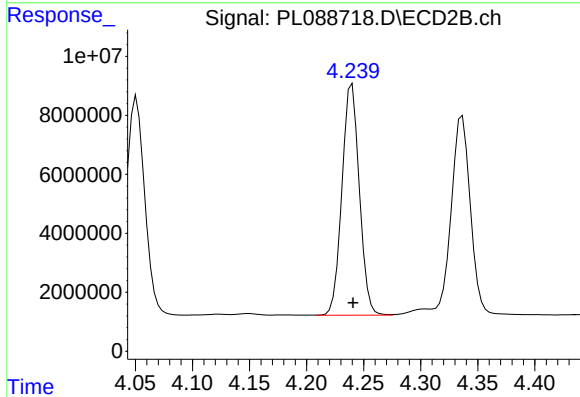
#7 delta-BHC

R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 178093092  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

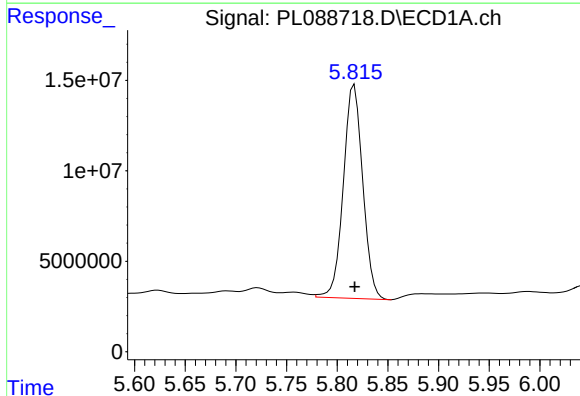
Manual Integrations  
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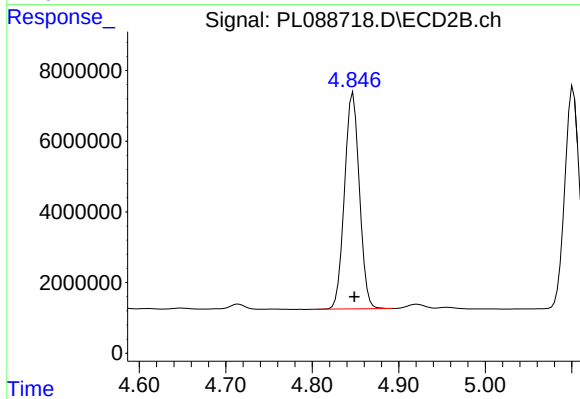
#7 delta-BHC

R.T.: 4.240 min  
Delta R.T.: 0.000 min  
Response: 83178196  
Conc: 43.48 ng/ml



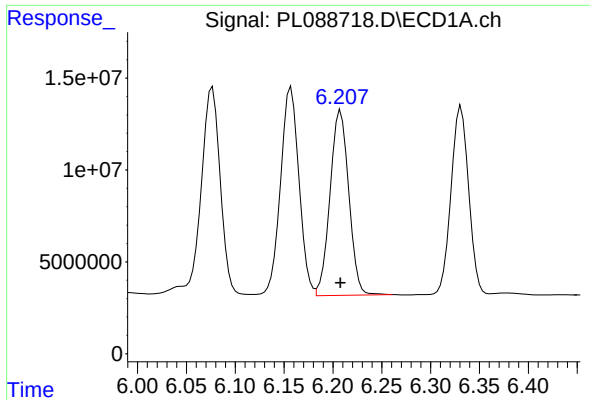
#8 Heptachlor epoxide

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 156885349  
Conc: 45.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.847 min  
Delta R.T.: -0.002 min  
Response: 72703563  
Conc: 44.21 ng/ml



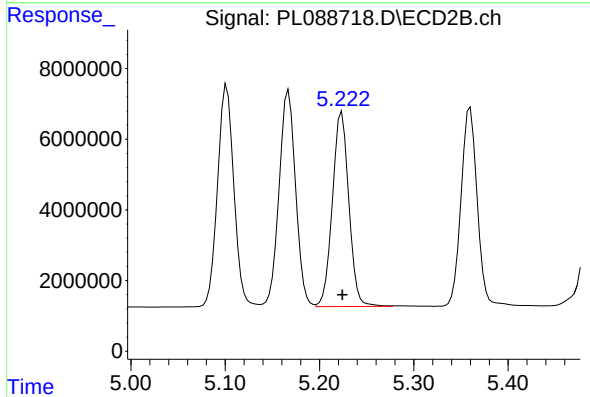
#9 Endosulfan I

R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 134522797  
Conc: 44.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

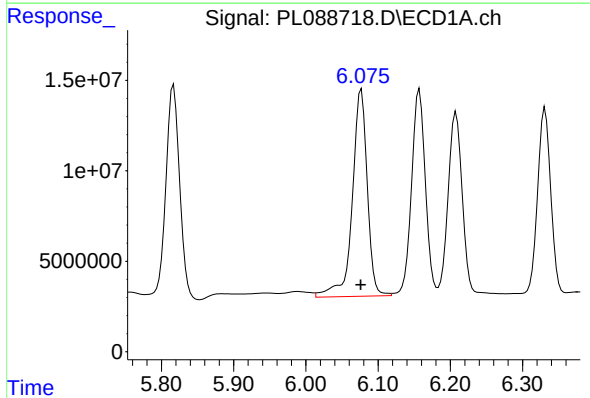
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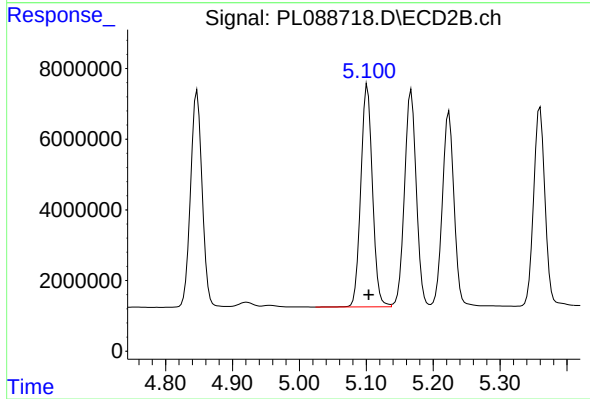
#9 Endosulfan I

R.T.: 5.224 min  
Delta R.T.: 0.000 min  
Response: 66828829  
Conc: 44.46 ng/ml



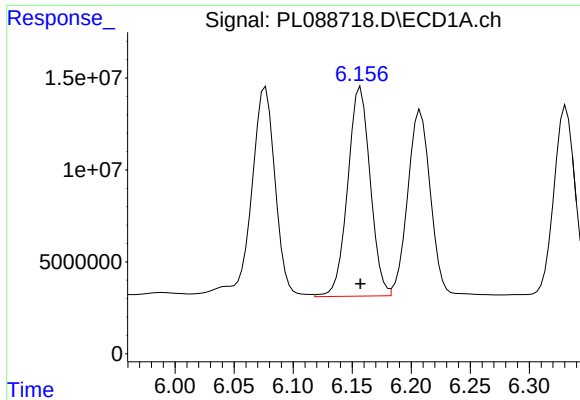
#10 gamma-Chlordane

R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 164969109  
Conc: 49.53 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min  
Delta R.T.: -0.002 min  
Response: 75818217  
Conc: 45.78 ng/ml



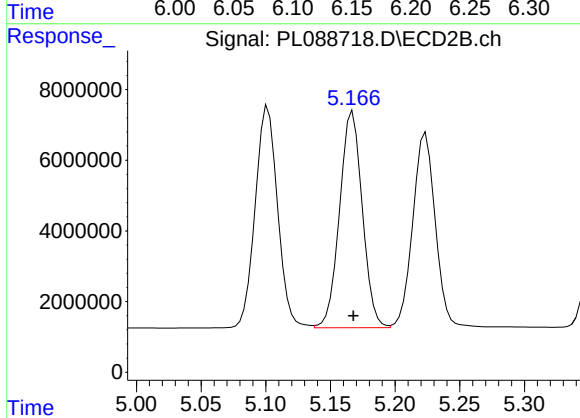
#11 alpha-Chlordane

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 151241379  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

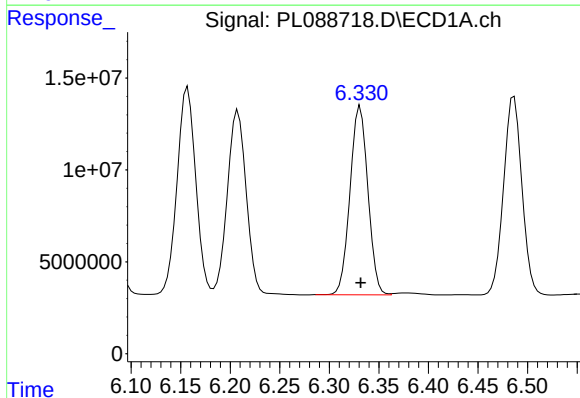
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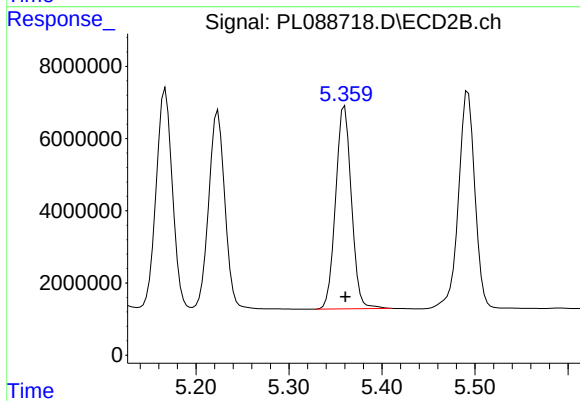
#11 alpha-Chlordane

R.T.: 5.167 min  
Delta R.T.: 0.000 min  
Response: 74751322  
Conc: 45.03 ng/ml



#12 4,4'-DDE

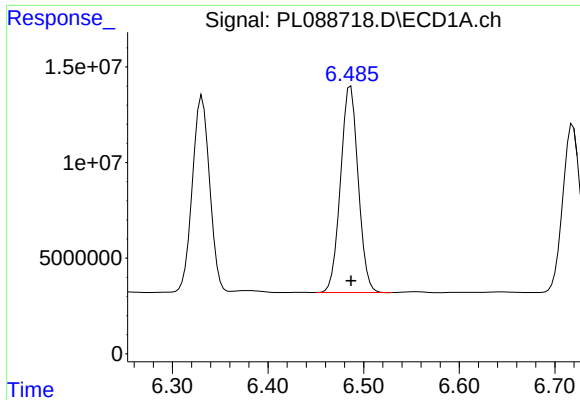
R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 129116113  
Conc: 43.22 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min  
Delta R.T.: 0.000 min  
Response: 66364964  
Conc: 45.50 ng/ml





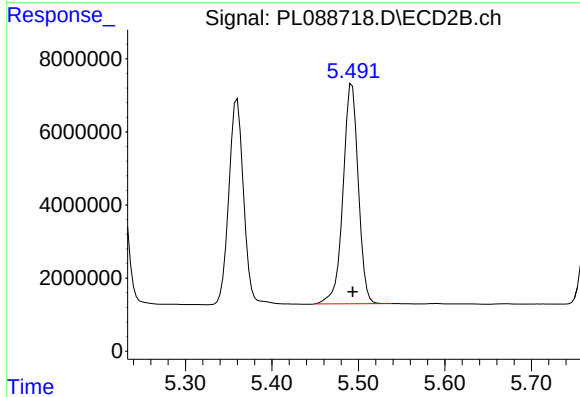
#13 Dieldrin

R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 138882401  
Conc: 42.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

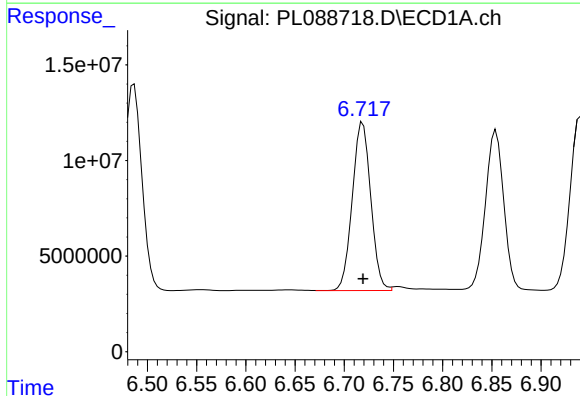
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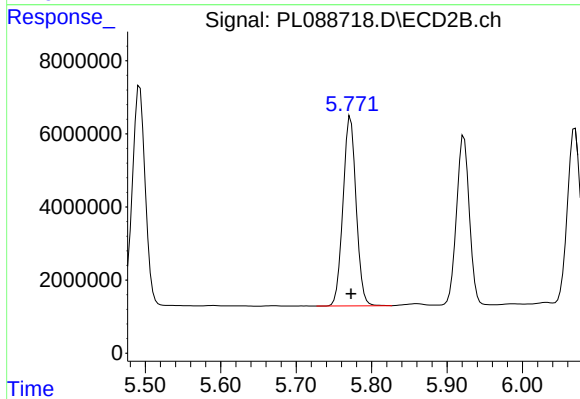
#13 Dieldrin

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 73261842  
Conc: 45.11 ng/ml



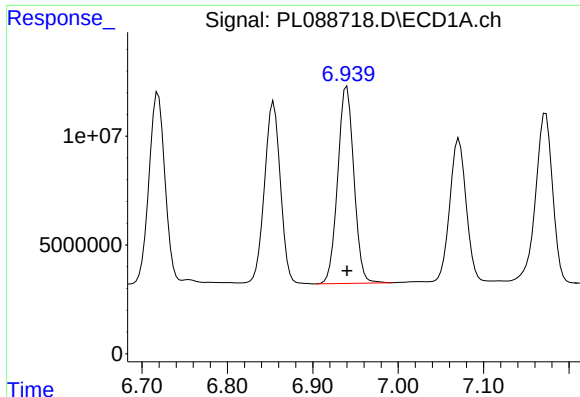
#14 Endrin

R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 115029658  
Conc: 42.08 ng/ml



#14 Endrin

R.T.: 5.772 min  
Delta R.T.: 0.000 min  
Response: 62591192  
Conc: 43.42 ng/ml



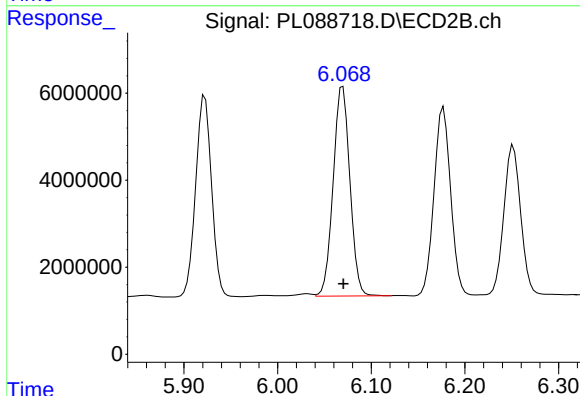
#15 Endosulfan II

R.T.: 6.940 min  
Delta R.T.: 0.000 min  
Response: 119292013  
Conc: 41.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

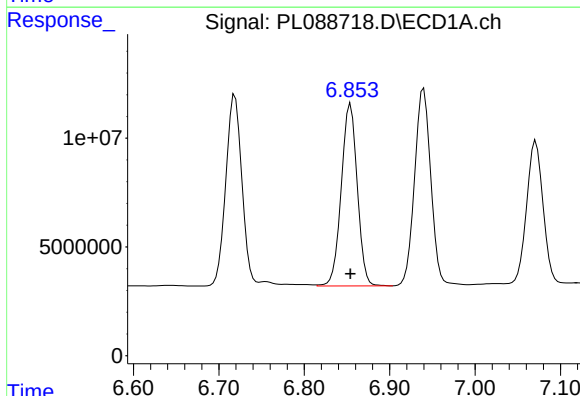
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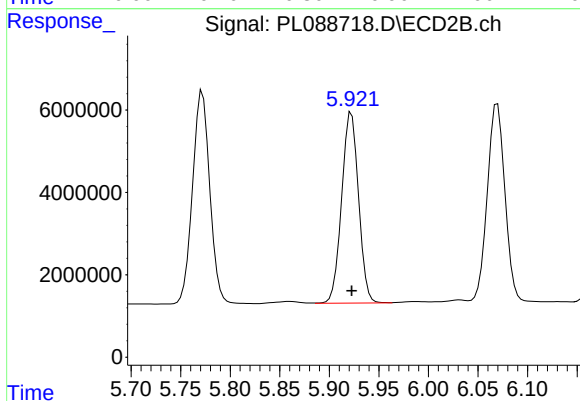
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: 0.000 min  
Response: 59880452  
Conc: 41.64 ng/ml



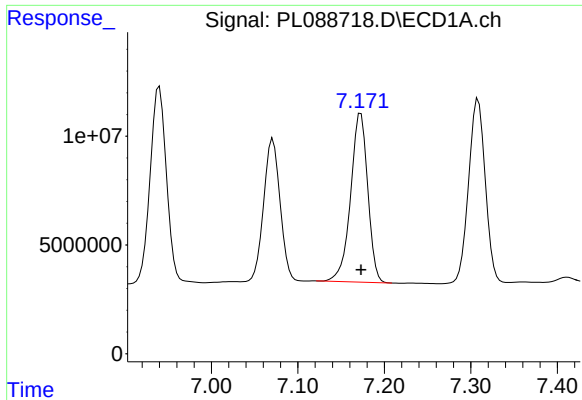
#16 4,4'-DDD

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 109035056  
Conc: 42.81 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 54839408  
Conc: 44.03 ng/ml



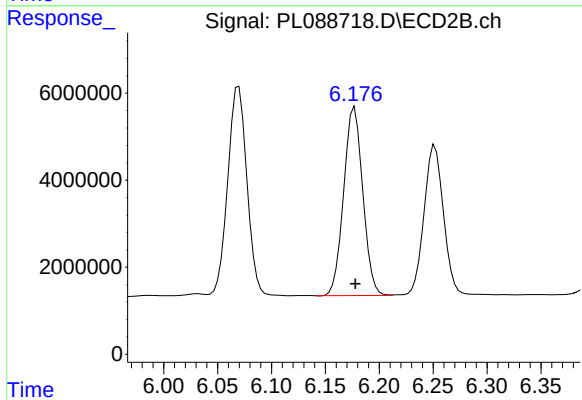
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: 0.000 min  
Response: 106819953  
Conc: 40.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

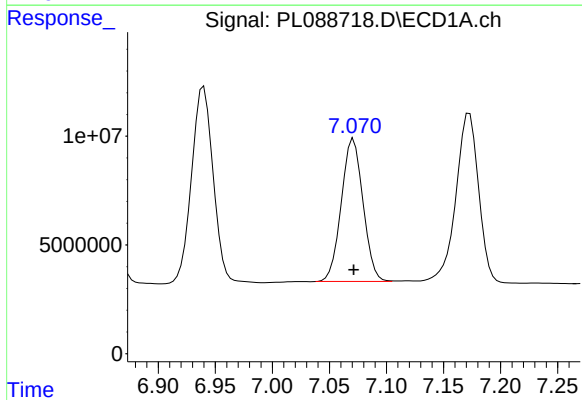
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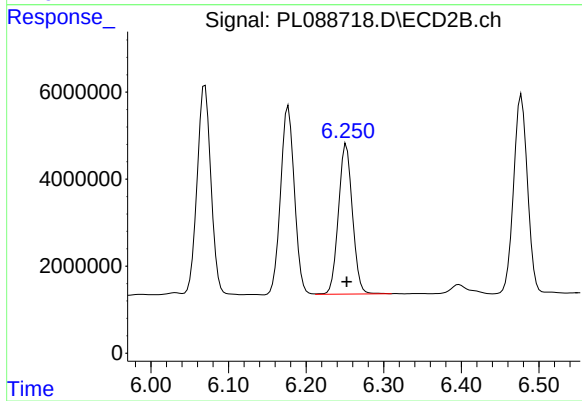
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: 0.000 min  
Response: 53477623  
Conc: 39.84 ng/ml



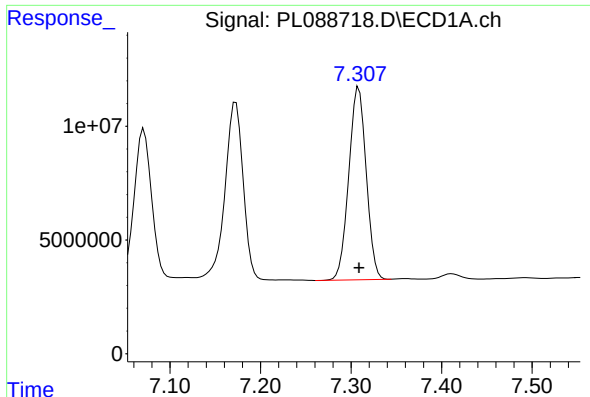
#18 Endrin aldehyde

R.T.: 7.070 min  
Delta R.T.: -0.001 min  
Response: 86995337  
Conc: 41.67 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min  
Delta R.T.: 0.000 min  
Response: 43288938  
Conc: 41.31 ng/ml



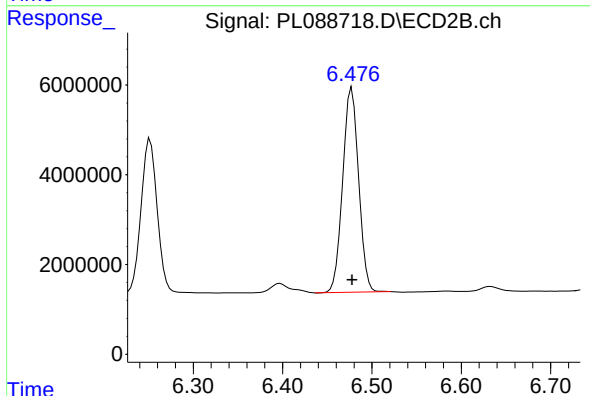
#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: 0.000 min  
Response: 113391344  
Conc: 41.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

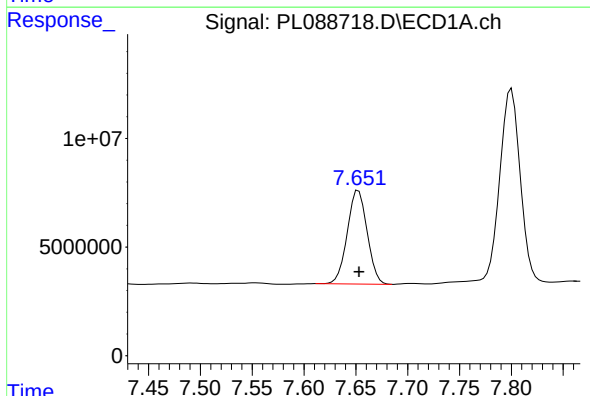
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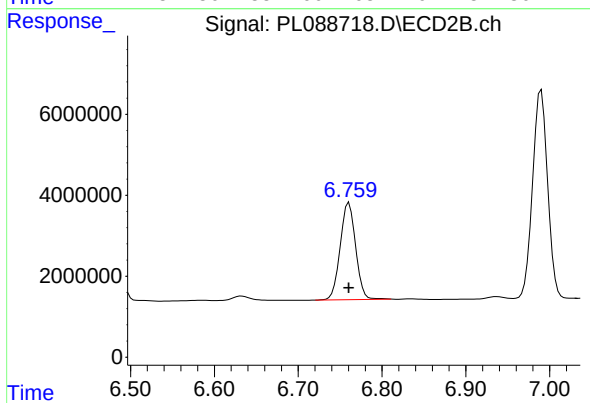
#19 Endosulfan Sulfate

R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 56512458  
Conc: 40.73 ng/ml



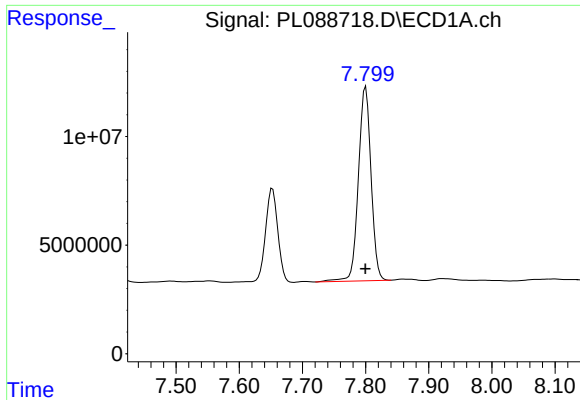
#20 Methoxychlor

R.T.: 7.653 min  
Delta R.T.: 0.000 min  
Response: 57460339  
Conc: 38.14 ng/ml



#20 Methoxychlor

R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 30744394  
Conc: 38.33 ng/ml



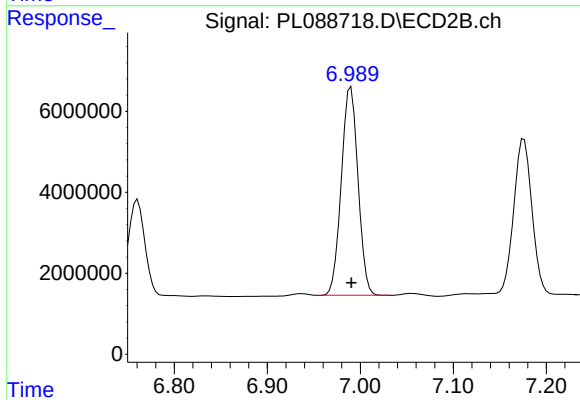
#21 Endrin ketone

R.T.: 7.800 min  
Delta R.T.: 0.000 min  
Response: 124254145  
Conc: 42.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

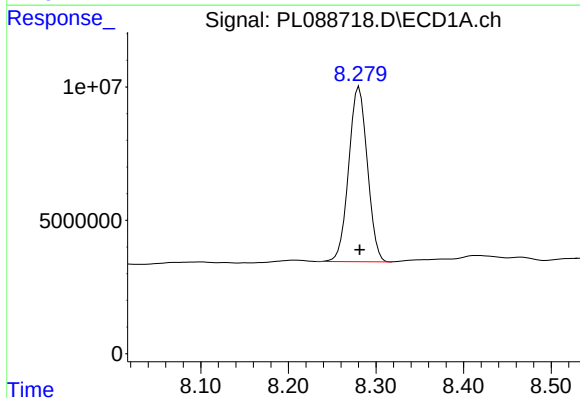
Manual Integrations  
APPROVED

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



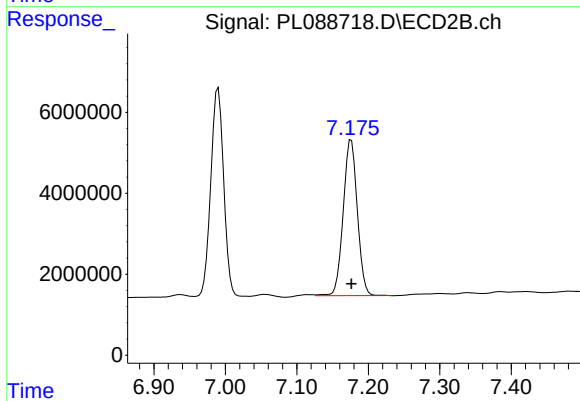
#21 Endrin ketone

R.T.: 6.990 min  
Delta R.T.: 0.000 min  
Response: 64111849  
Conc: 38.84 ng/ml



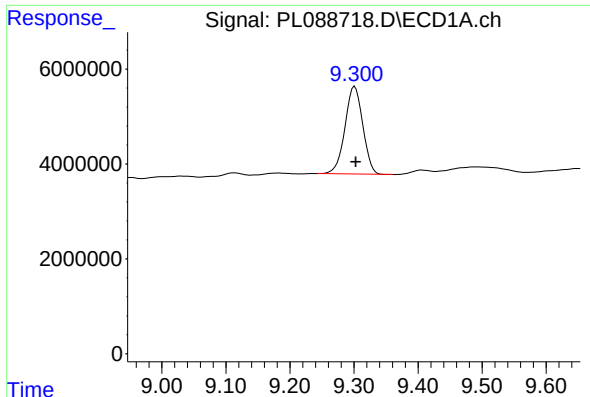
#22 Mirex

R.T.: 8.281 min  
Delta R.T.: 0.000 min  
Response: 96934163  
Conc: 41.35 ng/ml



#22 Mirex

R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 52881208  
Conc: 39.22 ng/ml



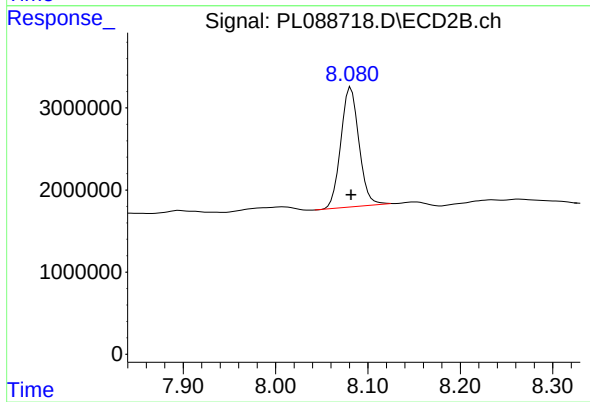
#28 Decachlorobiphenyl

R.T.: 9.301 min  
Delta R.T.: -0.002 min  
Response: 35627535  
Conc: 14.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-6MS

Manual Integrations  
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: 0.000 min  
Response: 19993683  
Conc: 14.75 ng/ml