

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051524\  
 Data File : PL089550.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 May 2024 15:29  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/17/2024  
 Supervised By :Ankita Jodhani 05/17/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 01:21:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 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... | 3.553 | 2.801 | 98796189 | 70929053 | 49.063  | 55.282  |
| 28)                         | SA Decachlor... | 9.065 | 7.947 | 63863426 | 62585879 | 45.649  | 46.526  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.008 | 3.304 | 141.2E6  | 107.8E6  | 49.518  | 57.133  |
| 3)                          | MA gamma-BHC... | 4.340 | 3.634 | 136.2E6  | 104.9E6  | 48.938  | 56.827  |
| 4)                          | MA Heptachlor   | 4.928 | 3.975 | 114.8E6  | 95515480 | 46.298m | 54.509  |
| 5)                          | MB Aldrin       | 5.269 | 4.255 | 117.6E6  | 97068496 | 45.788m | 54.909m |
| 6)                          | B beta-BHC      | 4.534 | 3.931 | 60669725 | 44928072 | 48.091  | 55.028  |
| 7)                          | B delta-BHC     | 4.782 | 4.161 | 129.6E6  | 103.9E6  | 48.872  | 57.728  |
| 8)                          | B Heptachlo...  | 5.694 | 4.758 | 108.4E6  | 87945615 | 46.219m | 54.396  |
| 9)                          | A Endosulfan I  | 6.079 | 5.128 | 97765760 | 74734091 | 45.477m | 49.900  |
| 10)                         | B gamma-Chl...  | 5.950 | 5.009 | 104.2E6  | 88743594 | 45.600m | 54.081  |
| 11)                         | B alpha-Chl...  | 6.029 | 5.072 | 104.7E6  | 88222286 | 46.009m | 53.494  |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.261 | 92848267 | 78855573 | 45.888  | 54.234  |
| 13)                         | MA Dieldrin     | 6.356 | 5.394 | 102.6E6  | 85138849 | 45.854  | 52.924  |
| 14)                         | MA Endrin       | 6.584 | 5.668 | 83990678 | 77782584 | 44.338m | 54.103  |
| 15)                         | B Endosulfa...  | 6.803 | 5.962 | 90130707 | 74048308 | 45.160m | 51.482  |
| 16)                         | A 4,4'-DDD      | 6.718 | 5.816 | 78790056 | 67574042 | 46.704m | 54.794  |
| 17)                         | MA 4,4'-DDT     | 7.033 | 6.067 | 74128513 | 64406712 | 40.310  | 47.603  |
| 18)                         | B Endrin al...  | 6.934 | 6.142 | 68634692 | 56580793 | 45.385  | 50.868  |
| 19)                         | B Endosulfa...  | 7.168 | 6.364 | 82146445 | 69976091 | 45.413  | 50.445  |
| 20)                         | A Methoxychlor  | 7.508 | 6.643 | 41172006 | 36136801 | 41.867  | 45.194  |
| 21)                         | B Endrin ke...  | 7.653 | 6.871 | 91349386 | 82411379 | 45.637  | 51.539  |
| 22)                         | Mirex           | 8.127 | 7.054 | 67574797 | 65282311 | 43.482  | 47.853  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051524\  
Data File : PL089550.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 May 2024 15:29  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

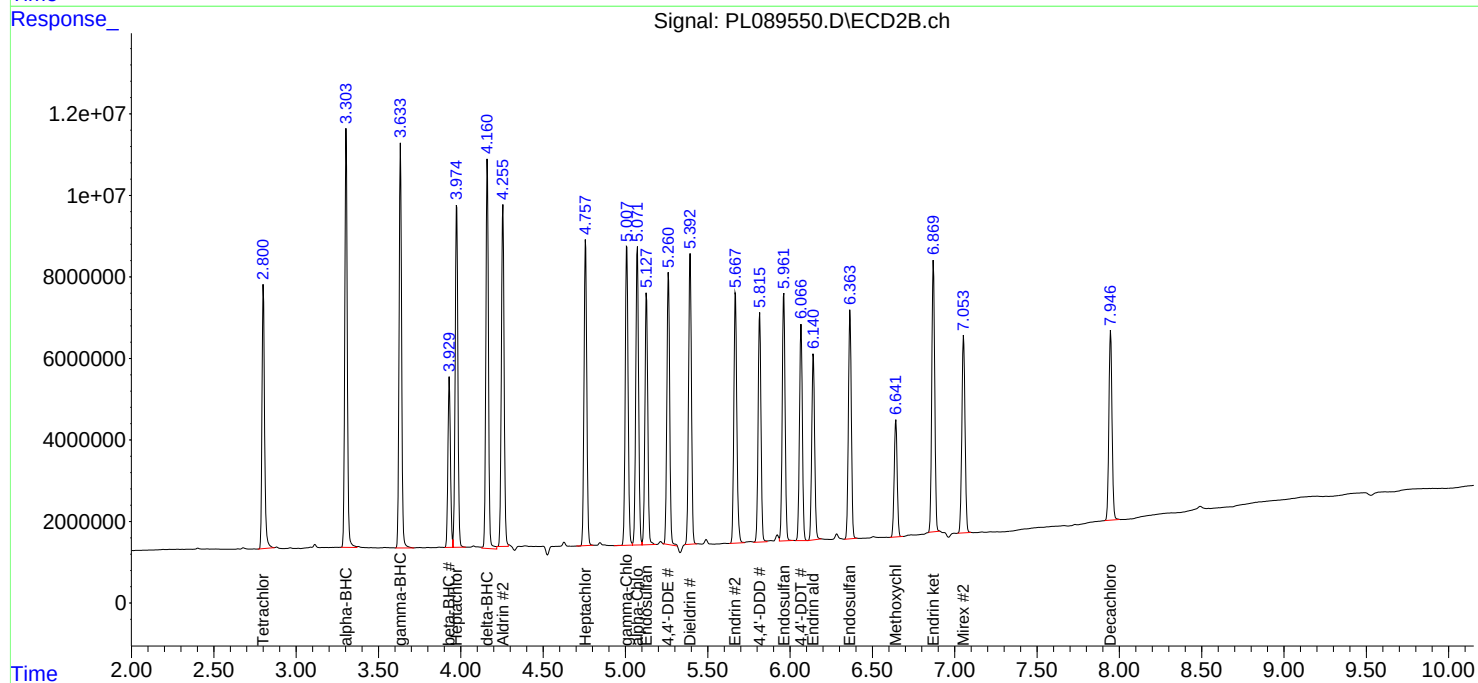
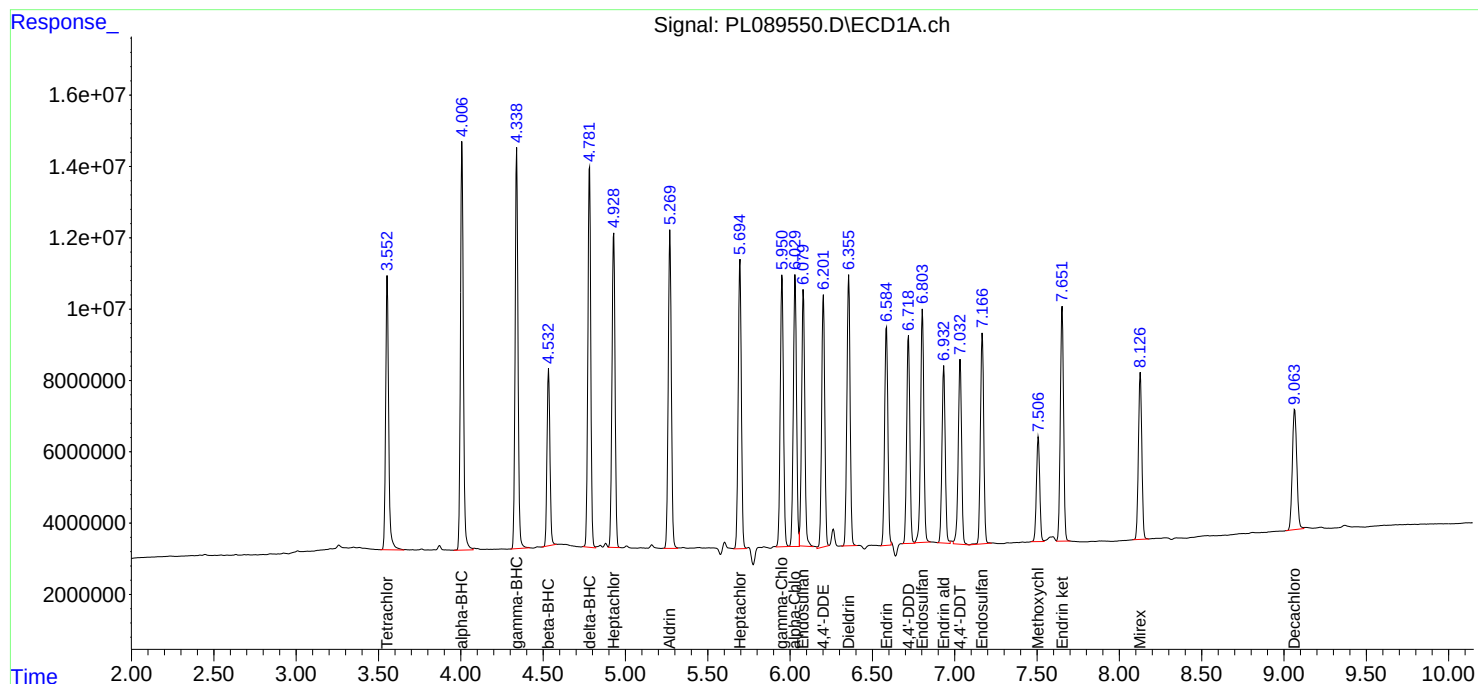
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

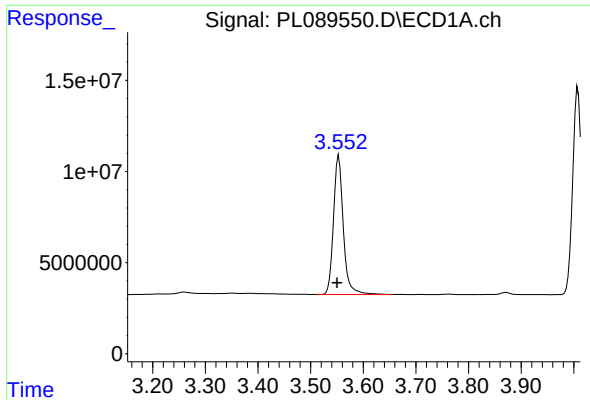
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 01:21:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 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





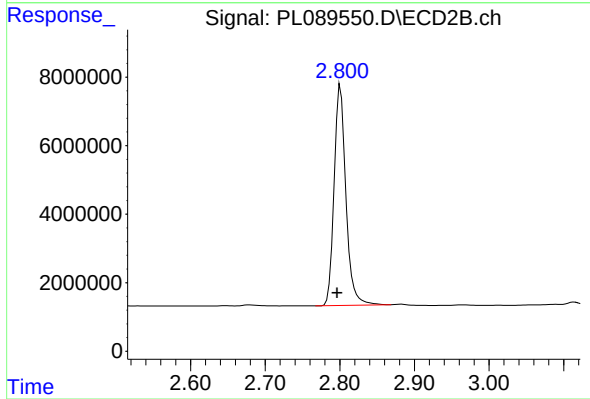
#1 Tetrachloro-m-xylene

R.T.: 3.553 min  
Delta R.T.: 0.003 min  
Response: 98796189  
Conc: 49.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

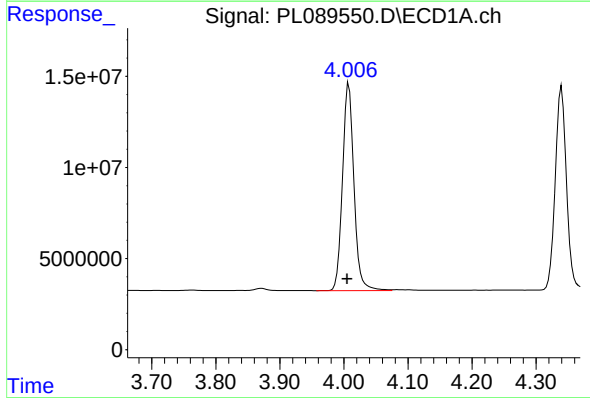
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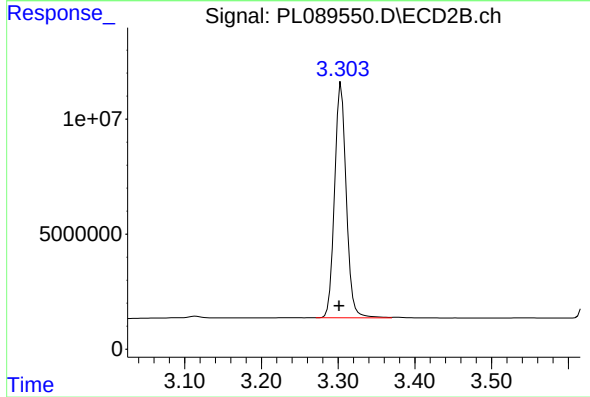
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: 0.005 min  
Response: 70929053  
Conc: 55.28 ng/ml



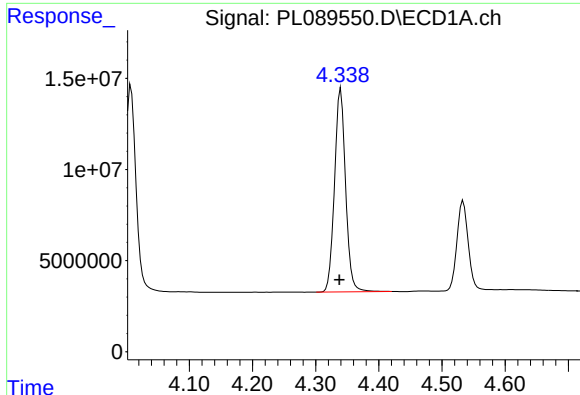
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.003 min  
Response: 141214472  
Conc: 49.52 ng/ml



#2 alpha-BHC

R.T.: 3.304 min  
Delta R.T.: 0.003 min  
Response: 107803019  
Conc: 57.13 ng/ml



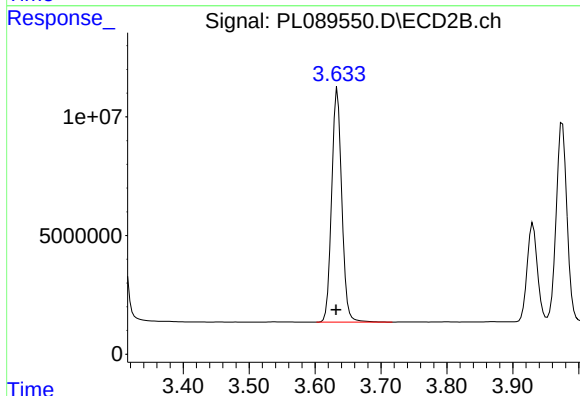
#3 gamma-BHC (Lindane)

R.T.: 4.340 min  
Delta R.T.: 0.002 min  
Response: 136240179  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

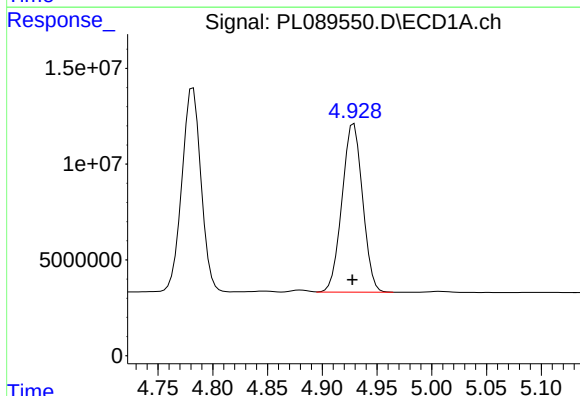
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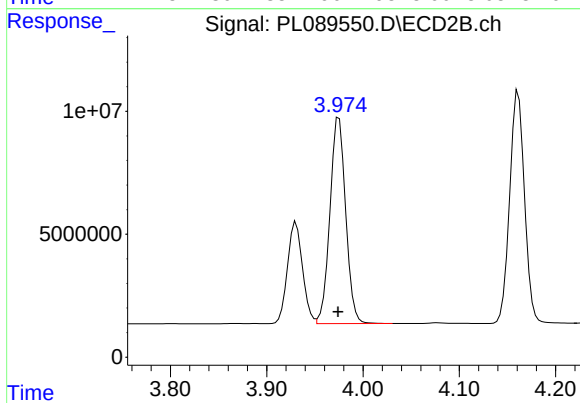
#3 gamma-BHC (Lindane)

R.T.: 3.634 min  
Delta R.T.: 0.002 min  
Response: 104859683  
Conc: 56.83 ng/ml



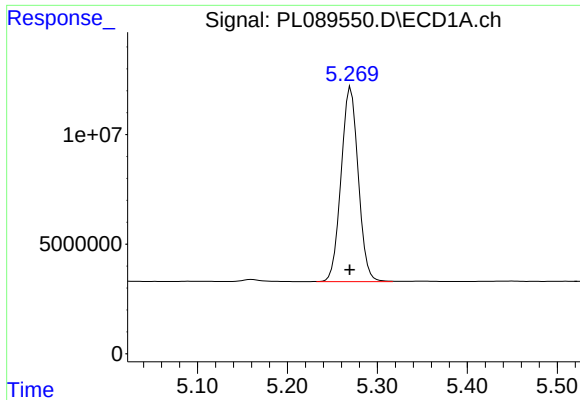
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 114823430  
Conc: 46.30 ng/ml m



#4 Heptachlor

R.T.: 3.975 min  
Delta R.T.: 0.001 min  
Response: 95515480  
Conc: 54.51 ng/ml



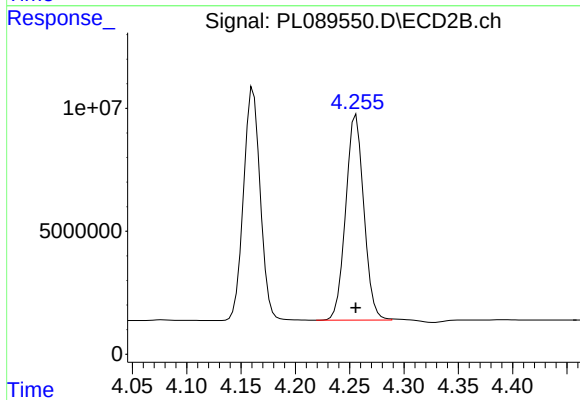
#5 Aldrin

R.T.: 5.269 min  
Delta R.T.: 0.000 min  
Response: 117595887  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

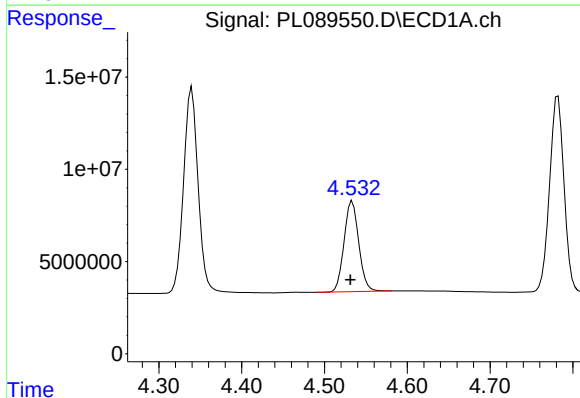
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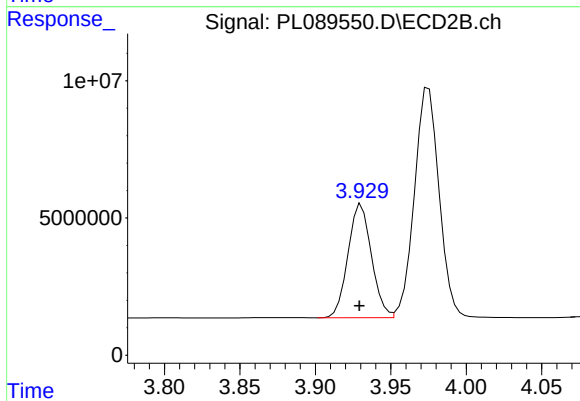
#5 Aldrin

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 97068496  
Conc: 54.91 ng/ml m



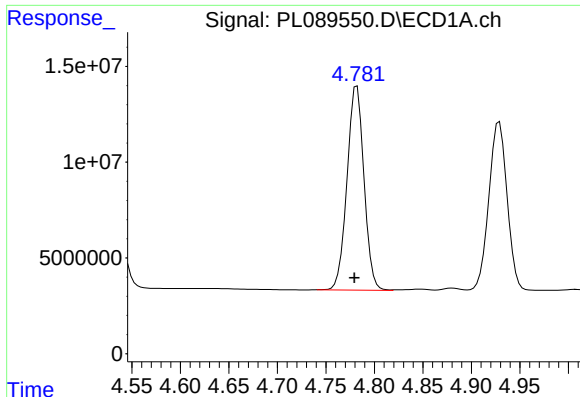
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.002 min  
Response: 60669725  
Conc: 48.09 ng/ml



#6 beta-BHC

R.T.: 3.931 min  
Delta R.T.: 0.001 min  
Response: 44928072  
Conc: 55.03 ng/ml



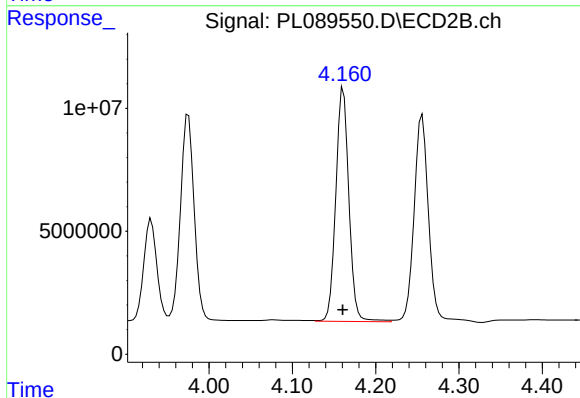
#7 delta-BHC

R.T.: 4.782 min  
Delta R.T.: 0.003 min  
Response: 129609789  
Conc: 48.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

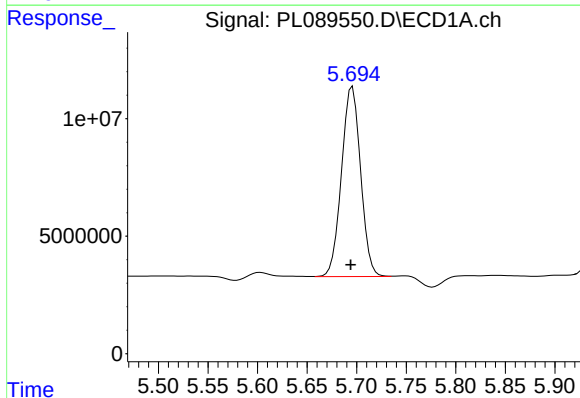
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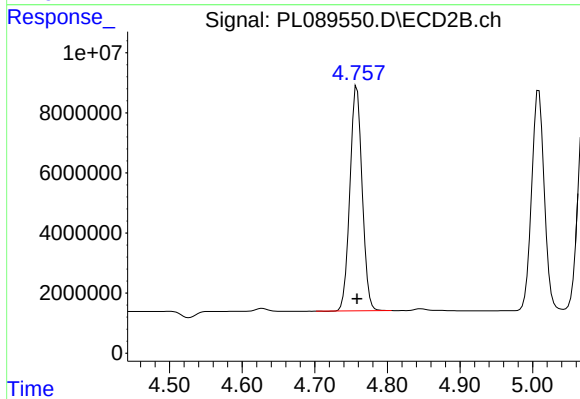
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 103863856  
Conc: 57.73 ng/ml



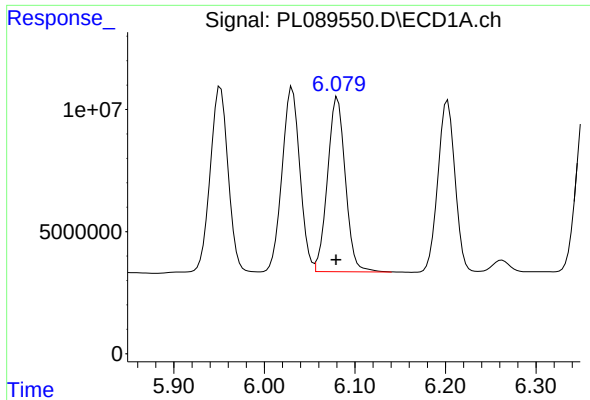
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: 0.000 min  
Response: 108404469  
Conc: 46.22 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 87945615  
Conc: 54.40 ng/ml



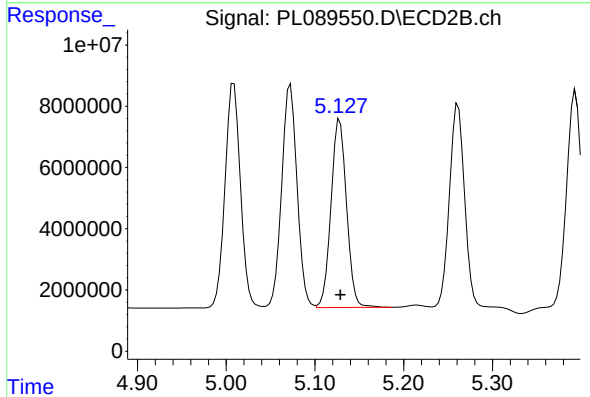
#9 Endosulfan I

R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 97765760  
Conc: 45.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

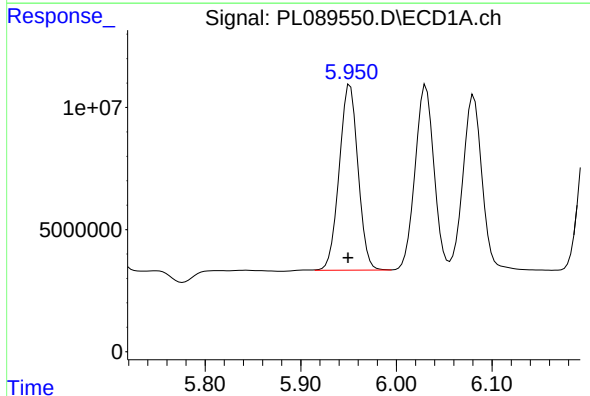
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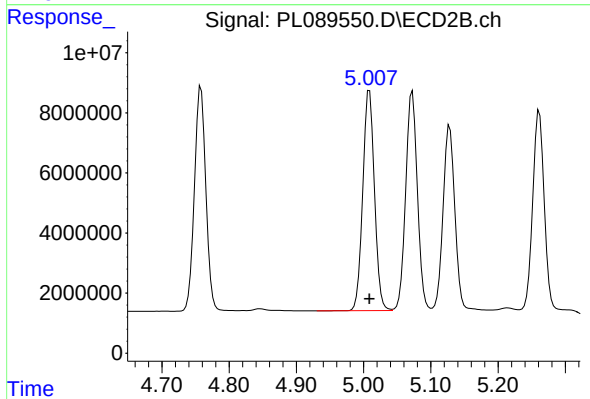
#9 Endosulfan I

R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 74734091  
Conc: 49.90 ng/ml



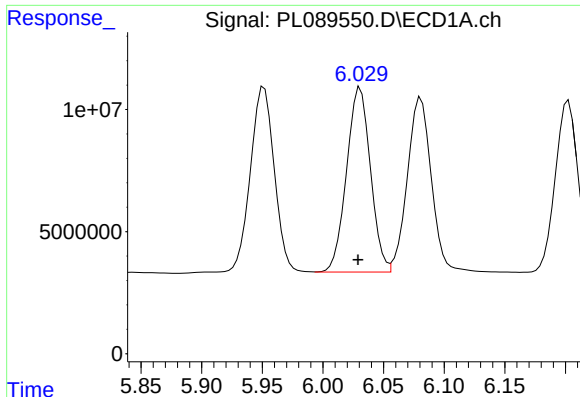
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 104236778  
Conc: 45.60 ng/ml m



#10 gamma-Chlordane

R.T.: 5.009 min  
Delta R.T.: 0.000 min  
Response: 88743594  
Conc: 54.08 ng/ml



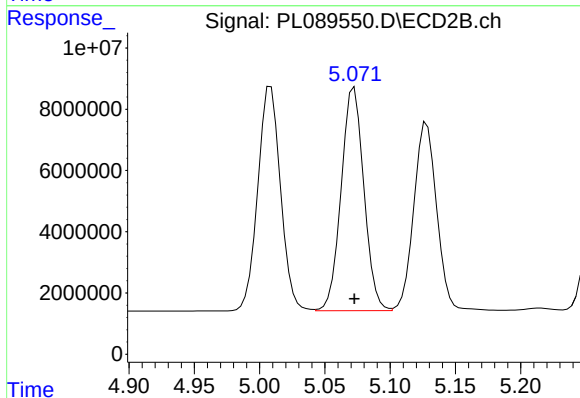
#11 alpha-Chlordane

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 104657663  
Conc: 46.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

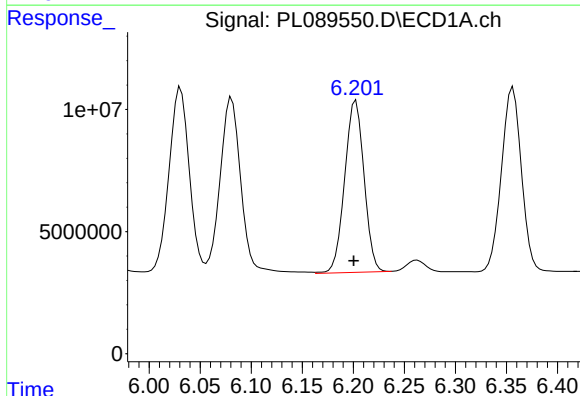
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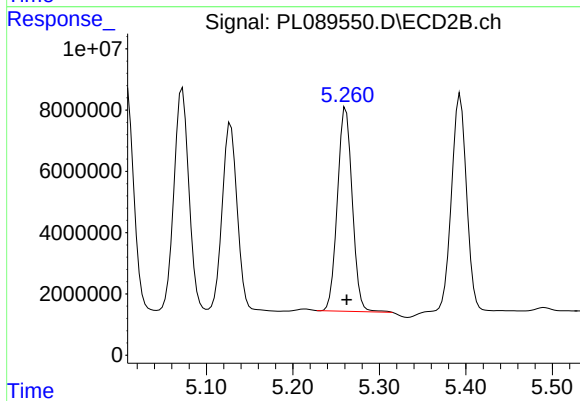
#11 alpha-Chlordane

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 88222286  
Conc: 53.49 ng/ml



#12 4,4'-DDE

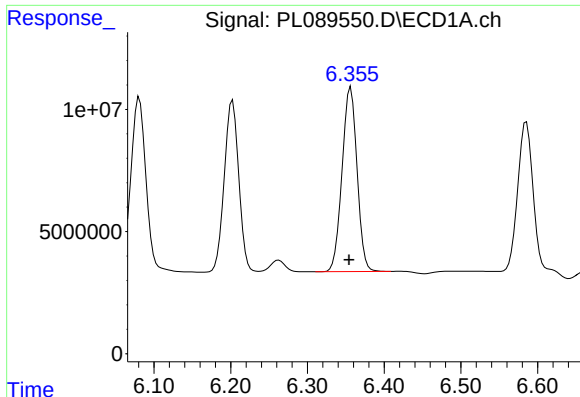
R.T.: 6.203 min  
Delta R.T.: 0.002 min  
Response: 92848267  
Conc: 45.89 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min  
Delta R.T.: 0.000 min  
Response: 78855573  
Conc: 54.23 ng/ml





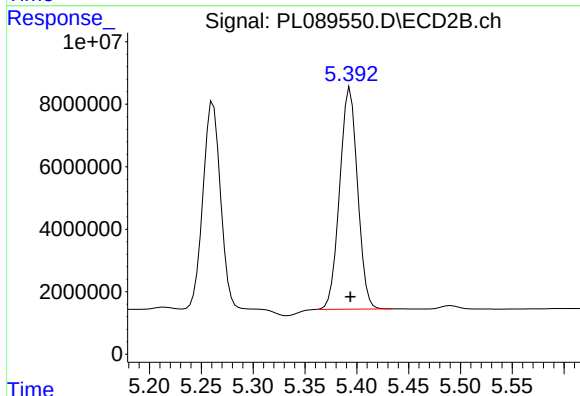
#13 Dieldrin

R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 102641668  
Conc: 45.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

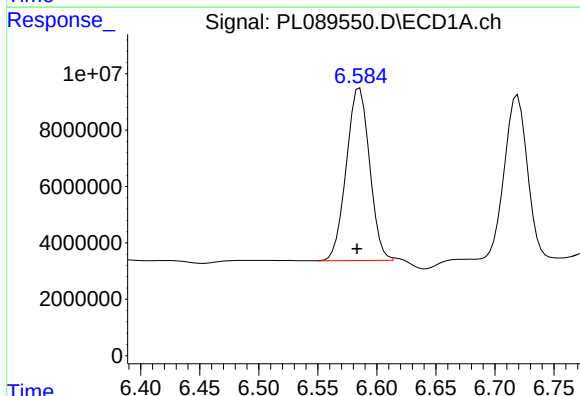
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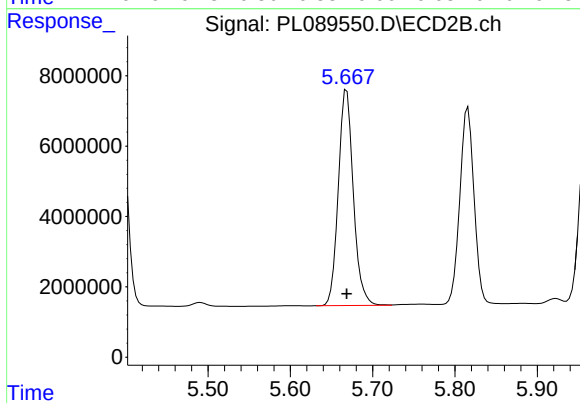
#13 Dieldrin

R.T.: 5.394 min  
Delta R.T.: 0.000 min  
Response: 85138849  
Conc: 52.92 ng/ml



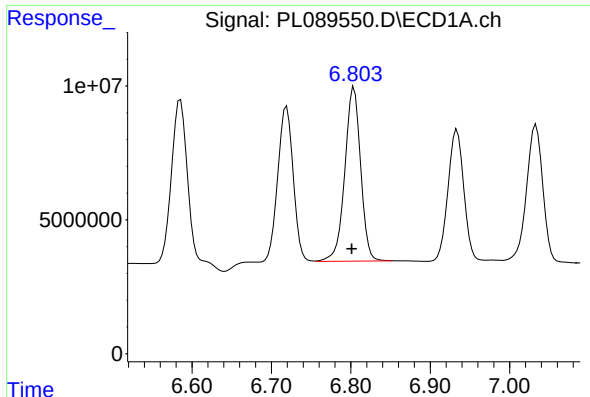
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 83990678  
Conc: 44.34 ng/ml m



#14 Endrin

R.T.: 5.668 min  
Delta R.T.: 0.000 min  
Response: 77782584  
Conc: 54.10 ng/ml



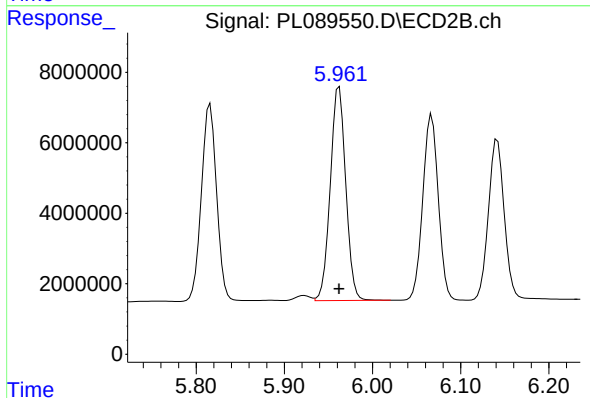
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: 0.002 min  
Response: 90130707  
Conc: 45.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

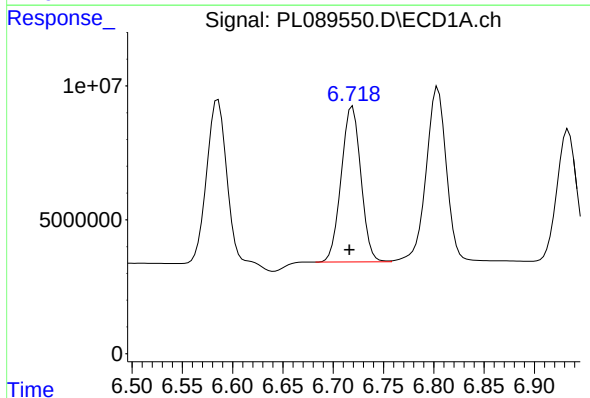
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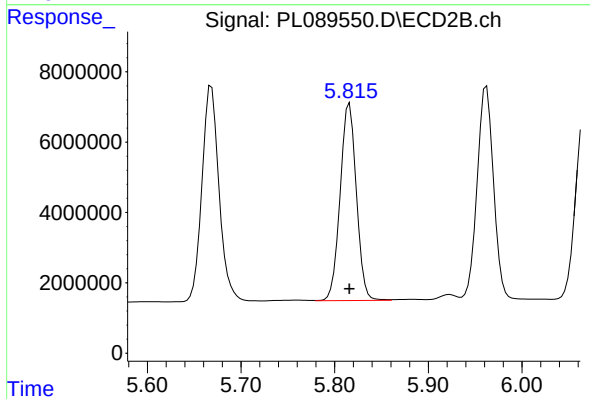
#15 Endosulfan II

R.T.: 5.962 min  
Delta R.T.: 0.000 min  
Response: 74048308  
Conc: 51.48 ng/ml



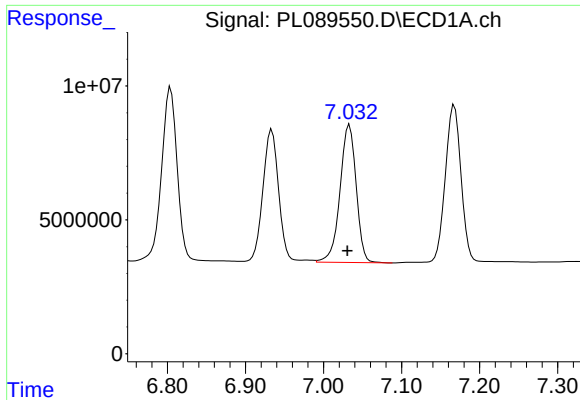
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.002 min  
Response: 78790056  
Conc: 46.70 ng/ml m



#16 4,4'-DDD

R.T.: 5.816 min  
Delta R.T.: 0.000 min  
Response: 67574042  
Conc: 54.79 ng/ml



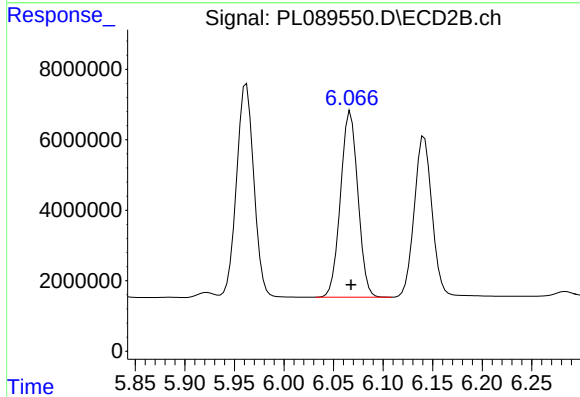
#17 4,4'-DDT

R.T.: 7.033 min  
Delta R.T.: 0.003 min  
Response: 74128513  
Conc: 40.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

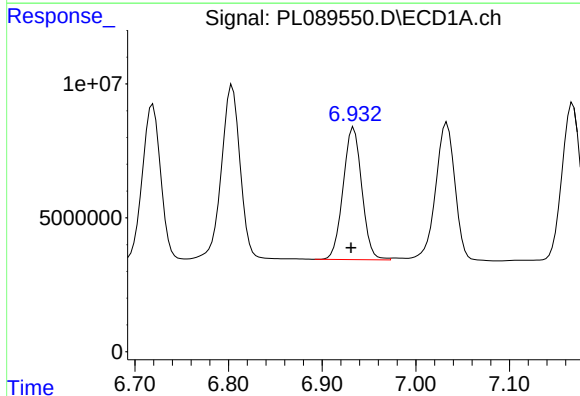
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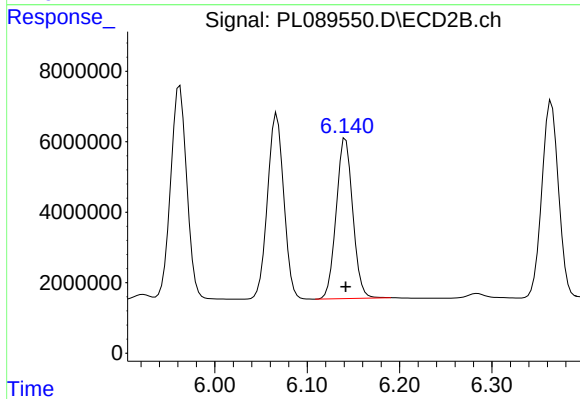
#17 4,4'-DDT

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 64406712  
Conc: 47.60 ng/ml



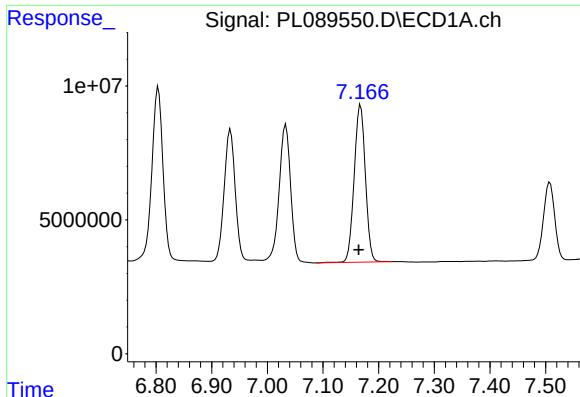
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: 0.003 min  
Response: 68634692  
Conc: 45.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 56580793  
Conc: 50.87 ng/ml



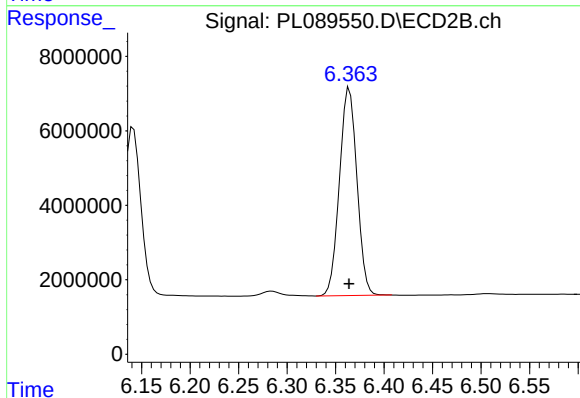
#19 Endosulfan Sulfate

R.T.: 7.168 min  
Delta R.T.: 0.004 min  
Response: 82146445  
Conc: 45.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

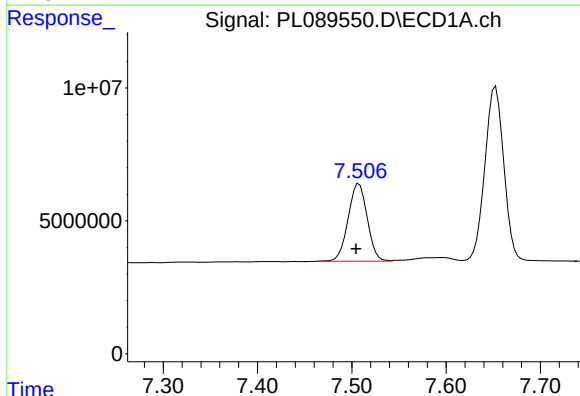
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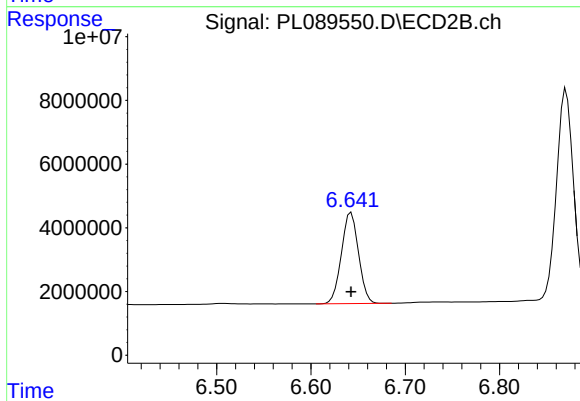
#19 Endosulfan Sulfate

R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 69976091  
Conc: 50.45 ng/ml



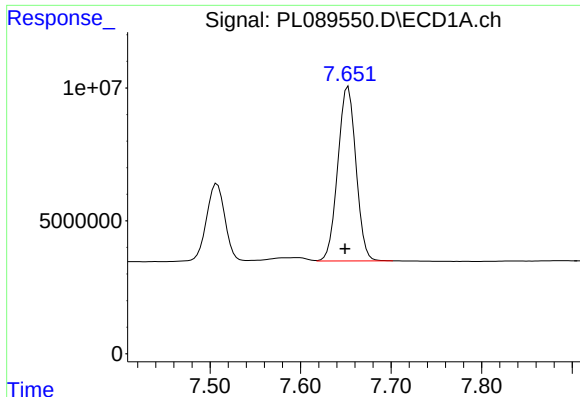
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: 0.003 min  
Response: 41172006  
Conc: 41.87 ng/ml



#20 Methoxychlor

R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 36136801  
Conc: 45.19 ng/ml



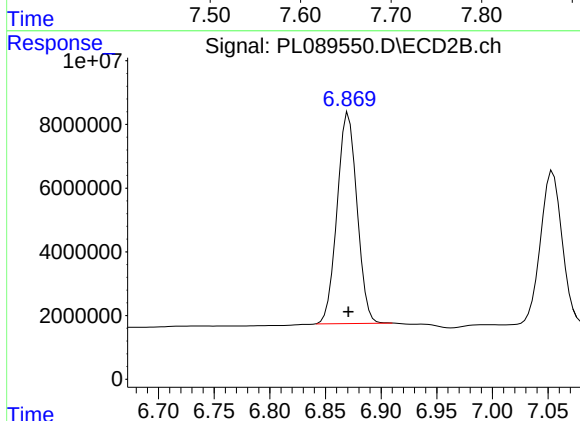
#21 Endrin ketone

R.T.: 7.653 min  
Delta R.T.: 0.004 min  
Response: 91349386  
Conc: 45.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

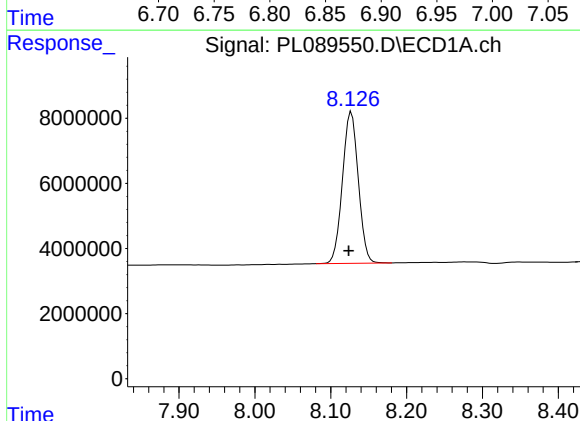
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/17/2024  
Supervised By :Ankita Jodhani 05/17/2024



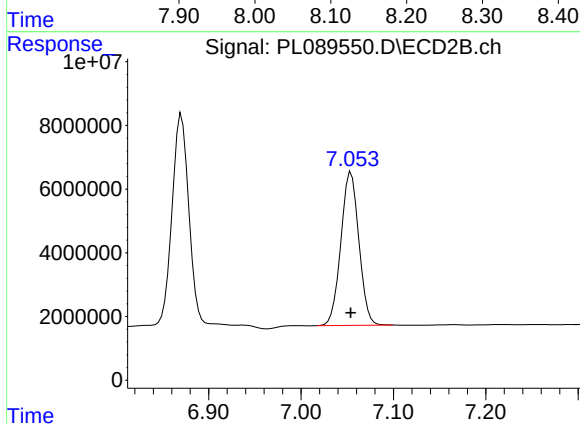
#21 Endrin ketone

R.T.: 6.871 min  
Delta R.T.: 0.000 min  
Response: 82411379  
Conc: 51.54 ng/ml



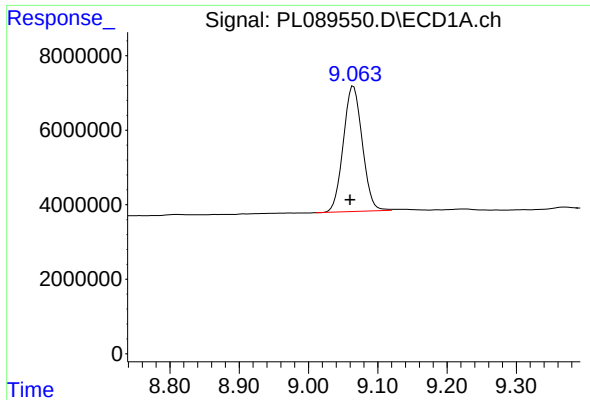
#22 Mirex

R.T.: 8.127 min  
Delta R.T.: 0.004 min  
Response: 67574797  
Conc: 43.48 ng/ml



#22 Mirex

R.T.: 7.054 min  
Delta R.T.: 0.000 min  
Response: 65282311  
Conc: 47.85 ng/ml



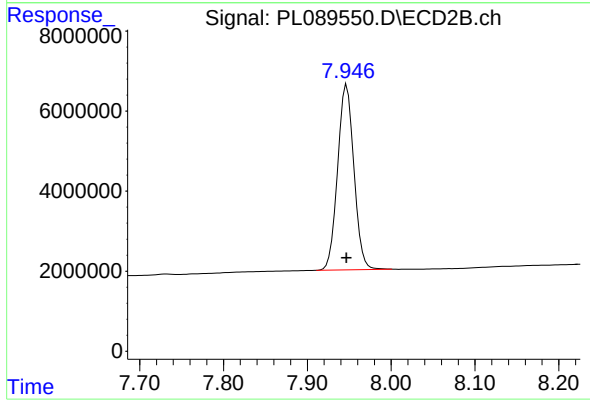
#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: 0.005 min  
Response: 63863426  
Conc: 45.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/17/2024  
Supervised By :Ankita Jodhani 05/17/2024



#28 Decachlorobiphenyl

R.T.: 7.947 min  
Delta R.T.: 0.000 min  
Response: 62585879  
Conc: 46.53 ng/ml