

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042424\  
 Data File : PL089163.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Apr 2024 13:09  
 Operator : AR\AJ  
 Sample : PB160475BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB160475BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/25/2024  
 Supervised By :Ankita Jodhani 04/25/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 25 01:27:36 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 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... | 3.550 | 2.796 | 39607555 | 23921038 | 18.636  | 17.947 |
| 28)                         | SA Decachlor... | 9.064 | 7.950 | 25899006 | 24981884 | 20.333  | 18.656 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.006 | 3.301 | 127.9E6  | 88016268 | 42.769  | 44.486 |
| 3)                          | MA gamma-BHC... | 4.338 | 3.632 | 121.7E6  | 84160757 | 42.180  | 43.751 |
| 4)                          | MA Heptachlor   | 4.929 | 3.975 | 110.0E6  | 81524350 | 44.199  | 45.366 |
| 5)                          | MB Aldrin       | 5.270 | 4.256 | 107.7E6  | 78857618 | 41.513  | 42.988 |
| 6)                          | B beta-BHC      | 4.533 | 3.930 | 56736422 | 37678416 | 42.281  | 45.083 |
| 7)                          | B delta-BHC     | 4.780 | 4.161 | 113.0E6  | 80570178 | 42.242  | 44.130 |
| 8)                          | B Heptachlo...  | 5.696 | 4.759 | 100.5E6  | 73926408 | 42.590  | 44.516 |
| 9)                          | A Endosulfan I  | 6.081 | 5.129 | 95769871 | 69471589 | 43.796  | 46.224 |
| 10)                         | B gamma-Chl...  | 5.951 | 5.009 | 101.4E6  | 76882431 | 44.088  | 46.867 |
| 11)                         | B alpha-Chl...  | 6.031 | 5.073 | 100.4E6  | 76730875 | 43.843  | 46.399 |
| 12)                         | B 4,4'-DDE      | 6.202 | 5.262 | 90526950 | 68522728 | 45.045  | 46.598 |
| 13)                         | MA Dieldrin     | 6.356 | 5.394 | 99693629 | 75014144 | 44.207  | 45.889 |
| 14)                         | MA Endrin       | 6.585 | 5.670 | 81815389 | 66086168 | 43.533  | 45.472 |
| 15)                         | B Endosulfa...  | 6.803 | 5.963 | 86275948 | 66617705 | 44.789  | 46.597 |
| 16)                         | A 4,4'-DDD      | 6.718 | 5.817 | 75460313 | 58896469 | 46.815  | 48.635 |
| 17)                         | MA 4,4'-DDT     | 7.032 | 6.069 | 81380536 | 61358185 | 44.660  | 46.811 |
| 18)                         | B Endrin al...  | 6.933 | 6.143 | 65575373 | 49841614 | 44.804  | 45.353 |
| 19)                         | B Endosulfa...  | 7.167 | 6.366 | 79444390 | 63869341 | 46.274  | 47.249 |
| 20)                         | A Methoxychlor  | 7.507 | 6.645 | 42415672 | 34062103 | 48.139  | 45.573 |
| 21)                         | B Endrin ke...  | 7.651 | 6.873 | 88370738 | 74566475 | 45.823  | 47.112 |
| 22)                         | Mirex           | 8.125 | 7.056 | 68664752 | 61391456 | 46.753m | 46.434 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042424\  
Data File : PL089163.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Apr 2024 13:09  
Operator : AR\AJ  
Sample : PB160475BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB160475BS

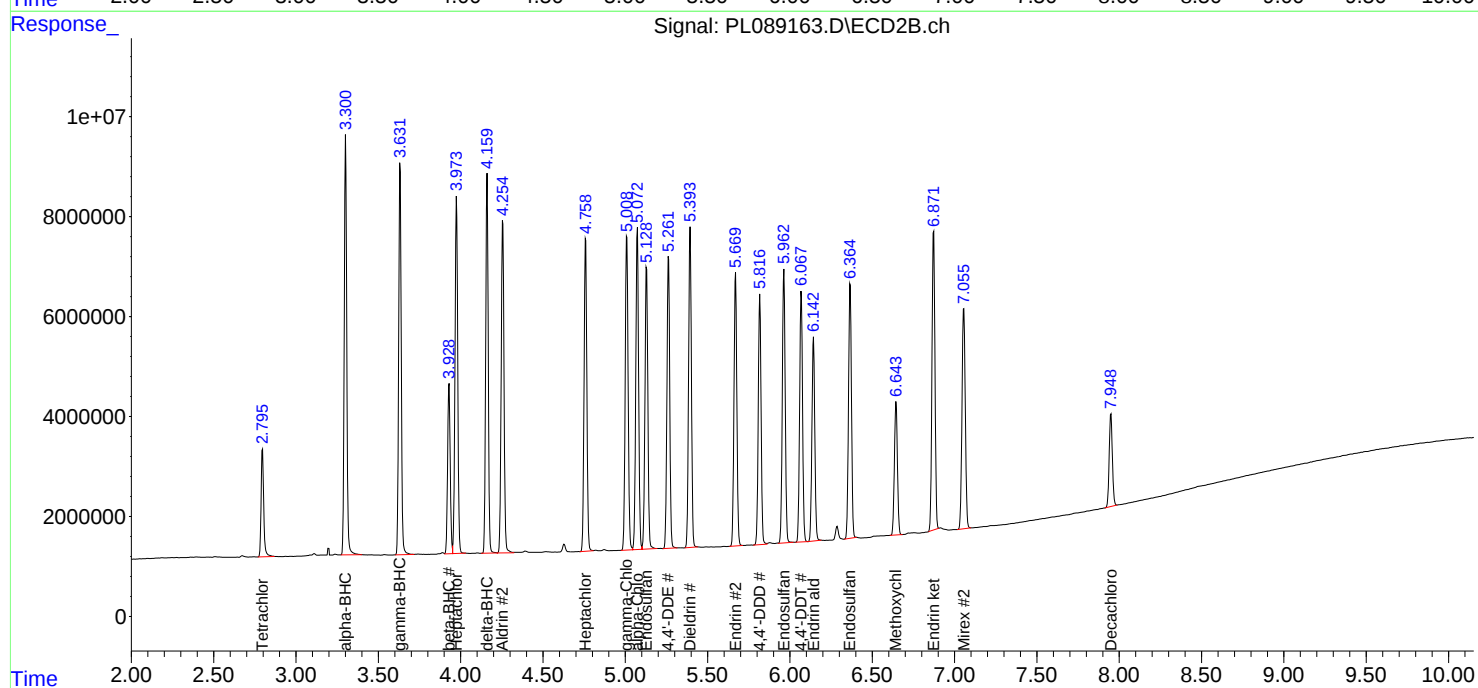
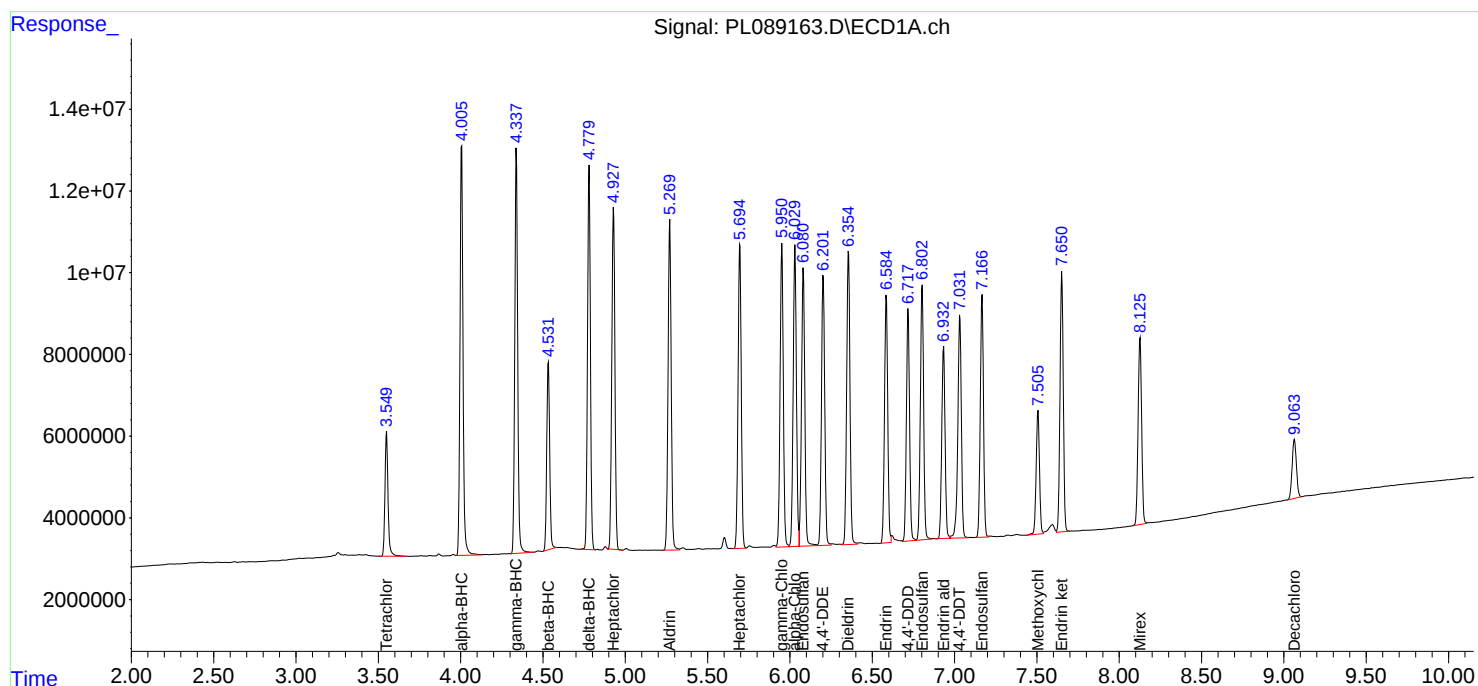
## Manual Integrations

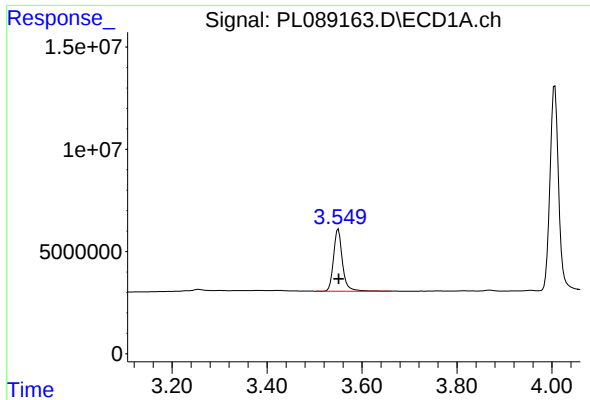
## APPROVED

Reviewed By :Abdul Mirza 04/25/2024  
Supervised By :Ankita Jodhani 04/25/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 25 01:27:36 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 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





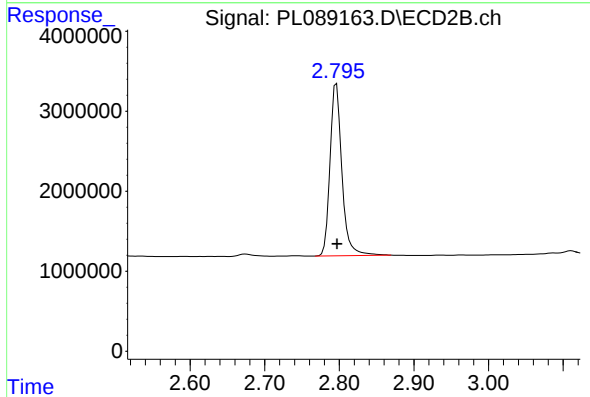
#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: -0.001 min  
Response: 39607555  
Conc: 18.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

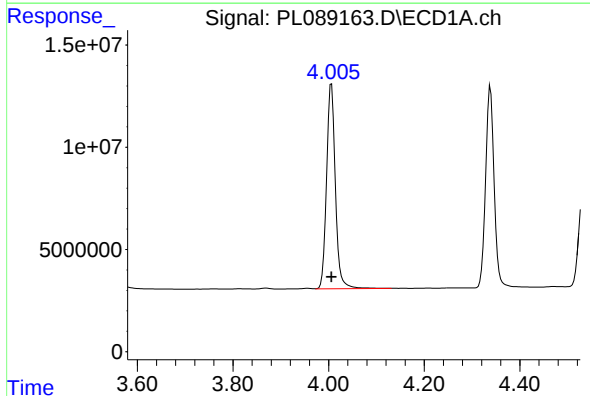
Manual Integrations  
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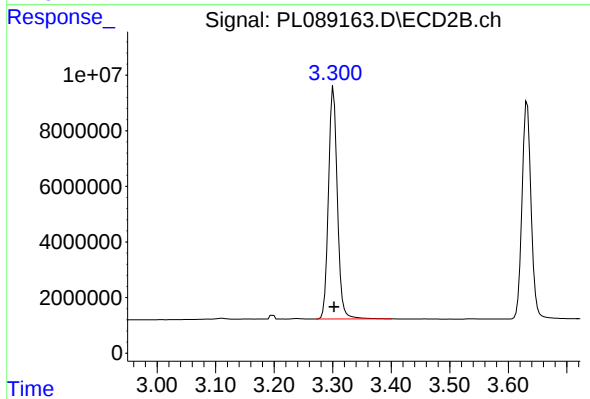
#1 Tetrachloro-m-xylene

R.T.: 2.796 min  
Delta R.T.: -0.001 min  
Response: 23921038  
Conc: 17.95 ng/ml



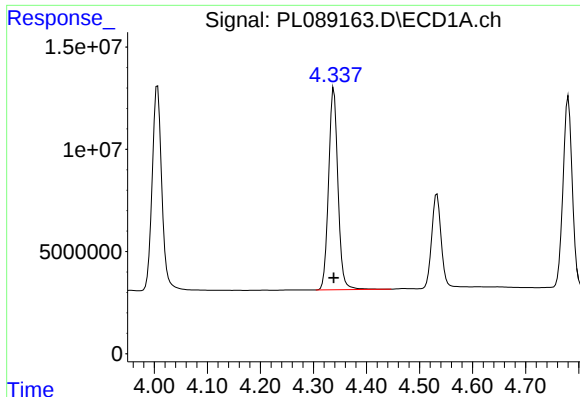
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 127880478  
Conc: 42.77 ng/ml



#2 alpha-BHC

R.T.: 3.301 min  
Delta R.T.: -0.001 min  
Response: 88016268  
Conc: 44.49 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 121697410  
Conc: 42.18 ng/ml

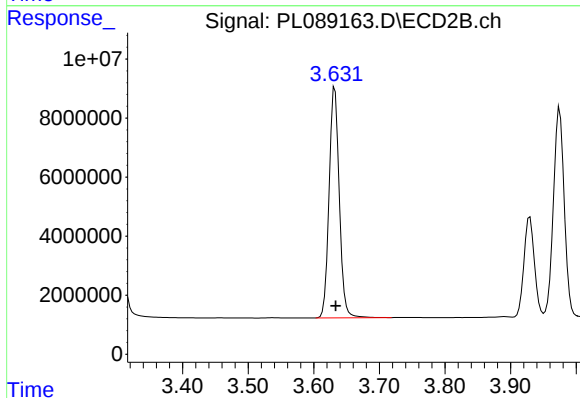
Instrument :

ECD\_L

ClientSampleId :  
PB160475BS

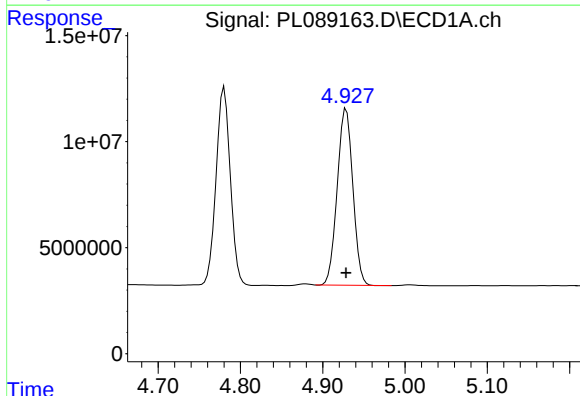
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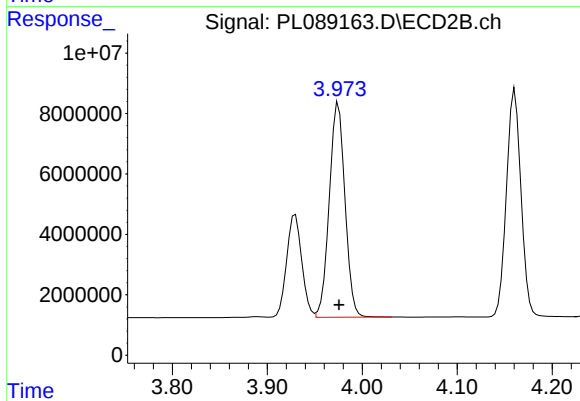
#3 gamma-BHC (Lindane)

R.T.: 3.632 min  
Delta R.T.: -0.001 min  
Response: 84160757  
Conc: 43.75 ng/ml



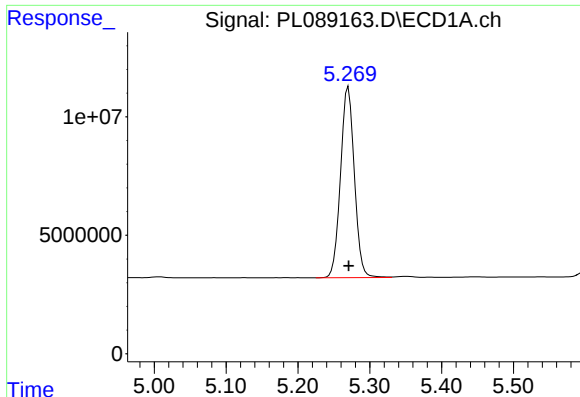
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 109976084  
Conc: 44.20 ng/ml



#4 Heptachlor

R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 81524350  
Conc: 45.37 ng/ml



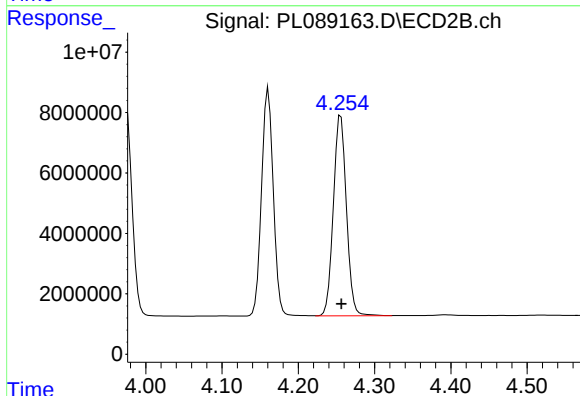
#5 Aldrin

R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 107748493  
Conc: 41.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

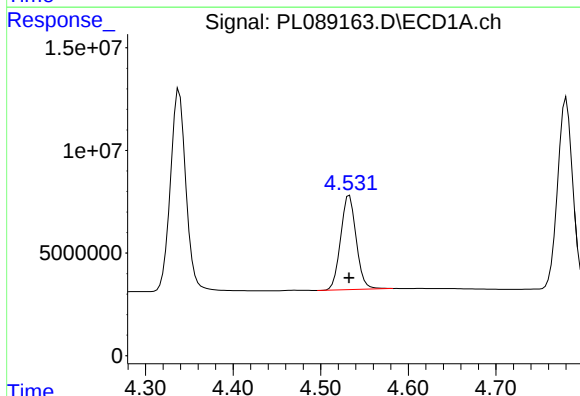
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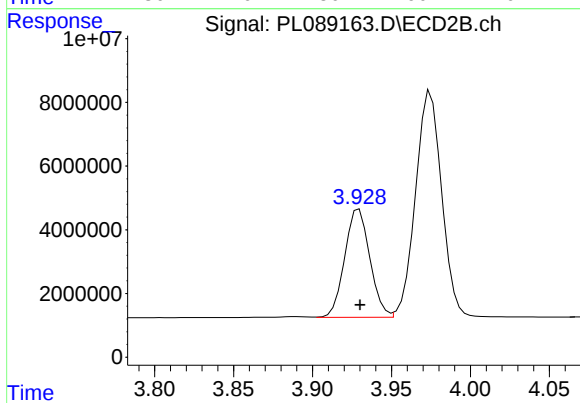
#5 Aldrin

R.T.: 4.256 min  
Delta R.T.: -0.001 min  
Response: 78857618  
Conc: 42.99 ng/ml



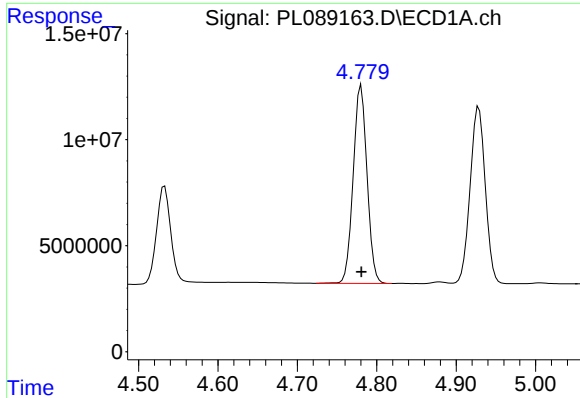
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 56736422  
Conc: 42.28 ng/ml



#6 beta-BHC

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 37678416  
Conc: 45.08 ng/ml



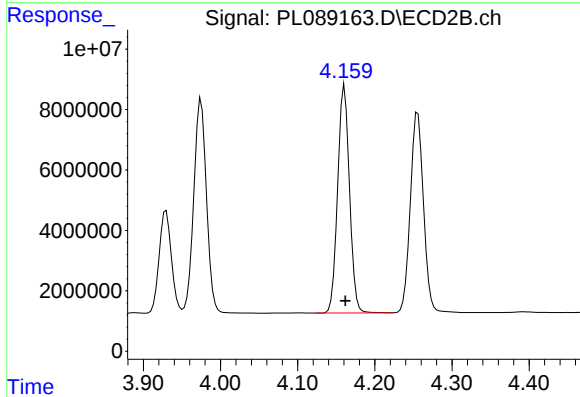
#7 delta-BHC

R.T.: 4.780 min  
Delta R.T.: 0.000 min  
Response: 112965928  
Conc: 42.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

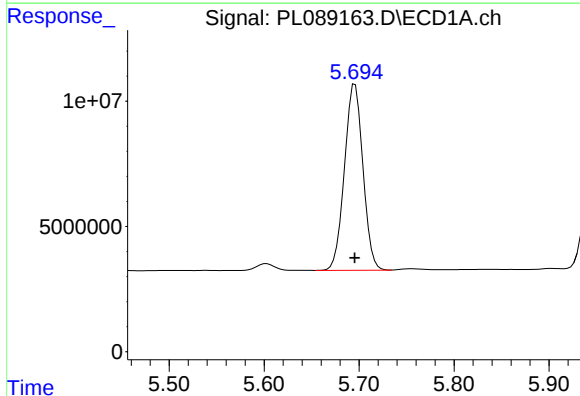
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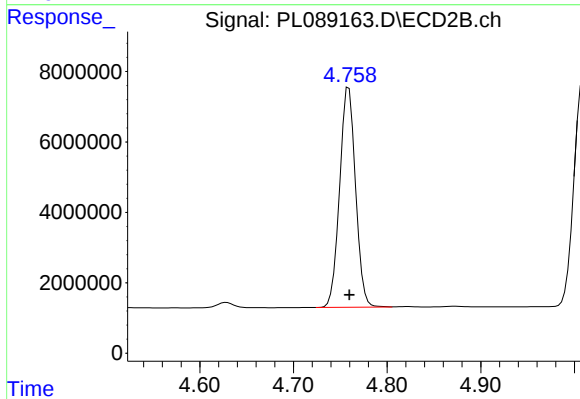
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 80570178  
Conc: 44.13 ng/ml



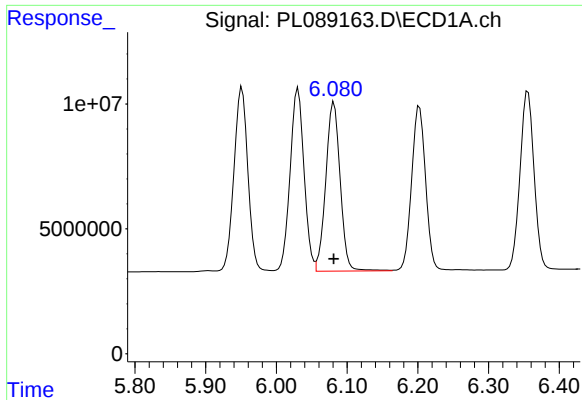
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 100494822  
Conc: 42.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min  
Delta R.T.: 0.000 min  
Response: 73926408  
Conc: 44.52 ng/ml



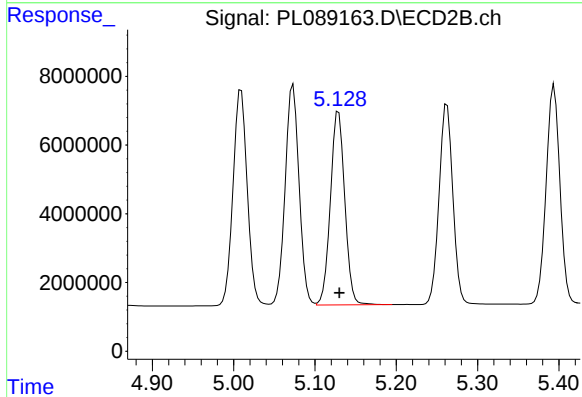
#9 Endosulfan I

R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 95769871  
Conc: 43.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

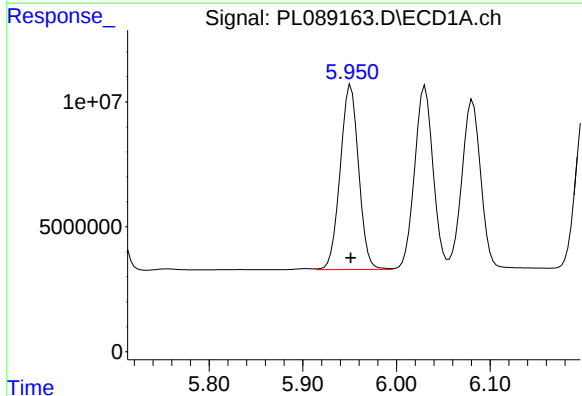
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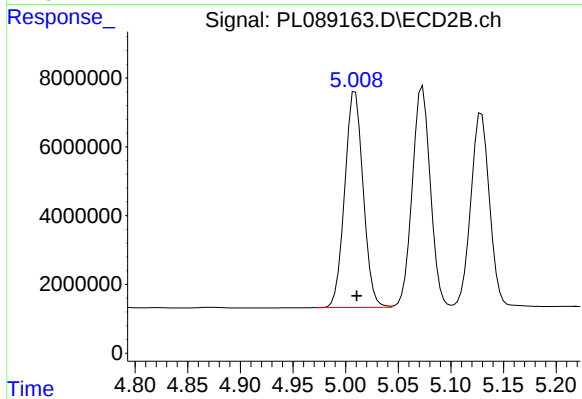
#9 Endosulfan I

R.T.: 5.129 min  
Delta R.T.: 0.000 min  
Response: 69471589  
Conc: 46.22 ng/ml



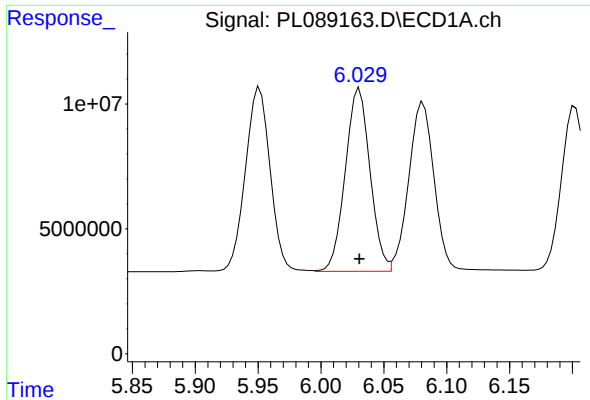
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 101350877  
Conc: 44.09 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min  
Delta R.T.: -0.001 min  
Response: 76882431  
Conc: 46.87 ng/ml



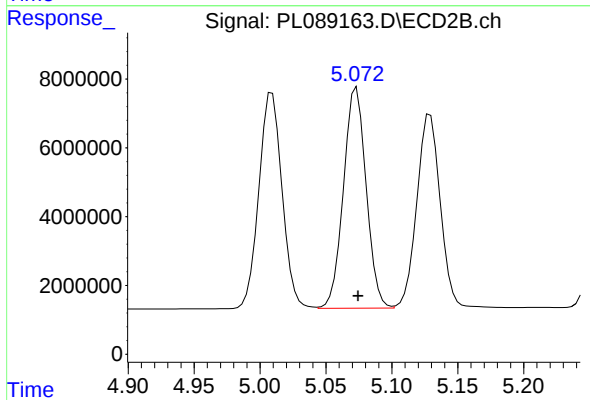
#11 alpha-Chlordane

R.T.: 6.031 min  
Delta R.T.: 0.000 min  
Response: 100372773  
Conc: 43.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

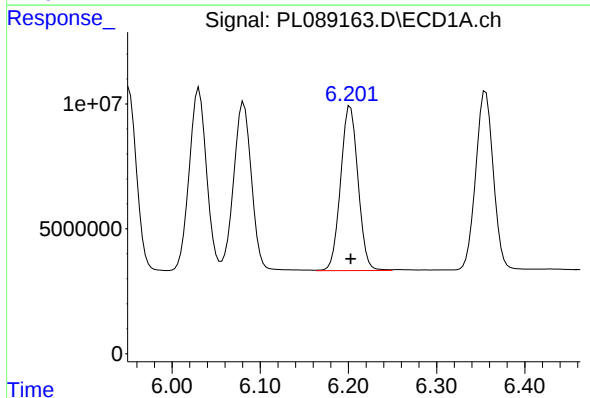
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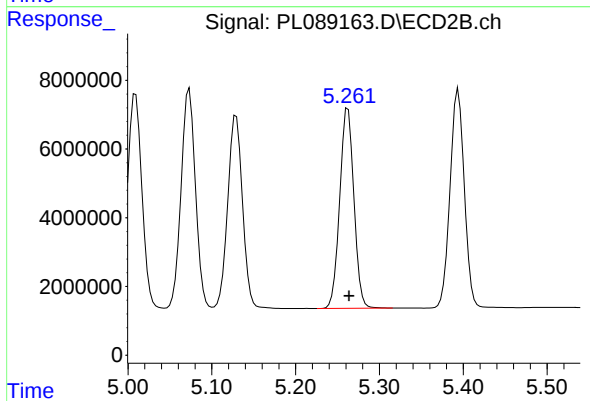
#11 alpha-Chlordane

R.T.: 5.073 min  
Delta R.T.: -0.001 min  
Response: 76730875  
Conc: 46.40 ng/ml



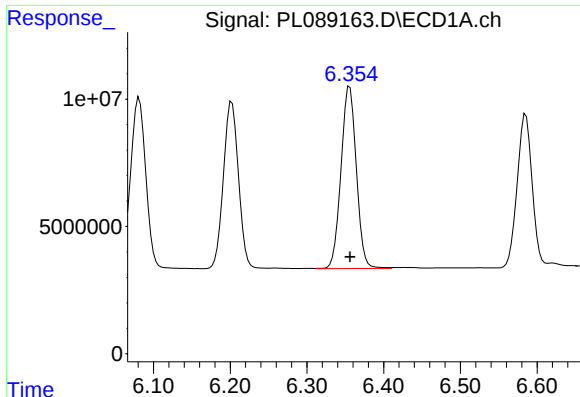
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 90526950  
Conc: 45.04 ng/ml



#12 4,4'-DDE

R.T.: 5.262 min  
Delta R.T.: -0.001 min  
Response: 68522728  
Conc: 46.60 ng/ml



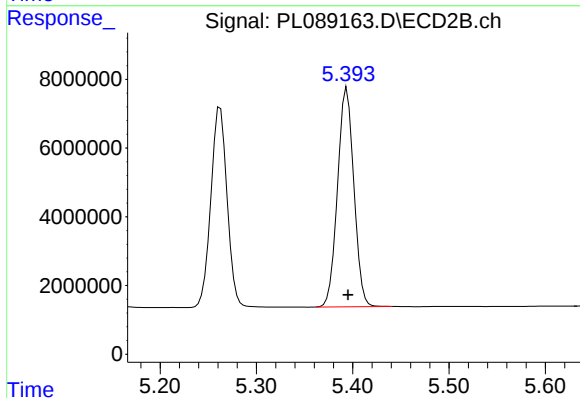
#13 Dieldrin

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 99693629  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

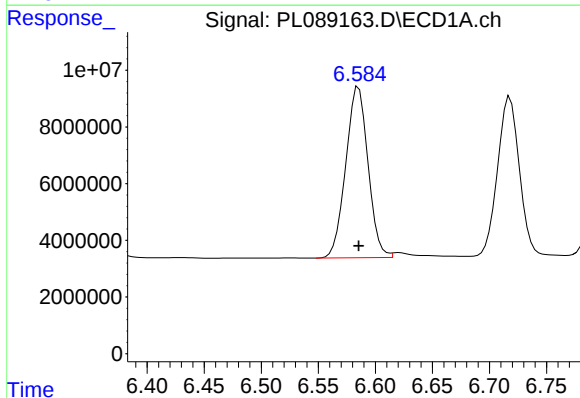
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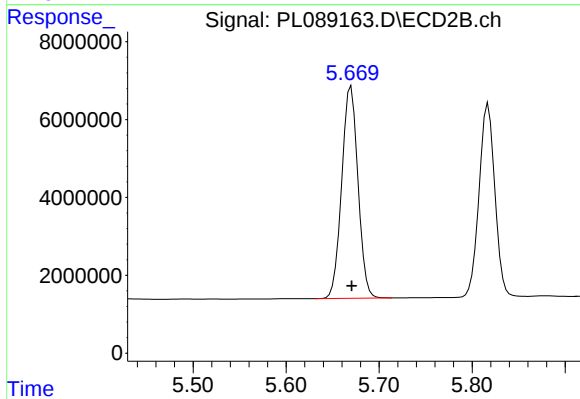
#13 Dieldrin

R.T.: 5.394 min  
Delta R.T.: 0.000 min  
Response: 75014144  
Conc: 45.89 ng/ml



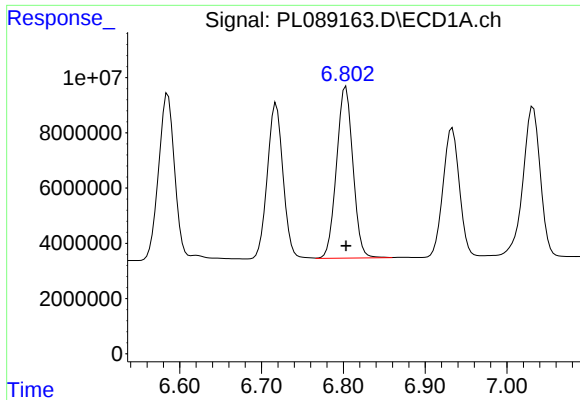
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 81815389  
Conc: 43.53 ng/ml



#14 Endrin

R.T.: 5.670 min  
Delta R.T.: 0.000 min  
Response: 66086168  
Conc: 45.47 ng/ml



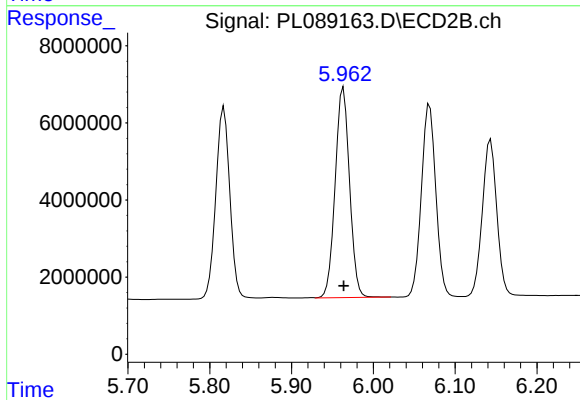
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: 0.000 min  
Response: 86275948  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

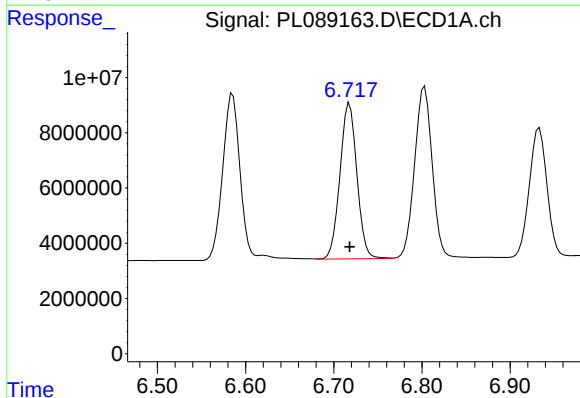
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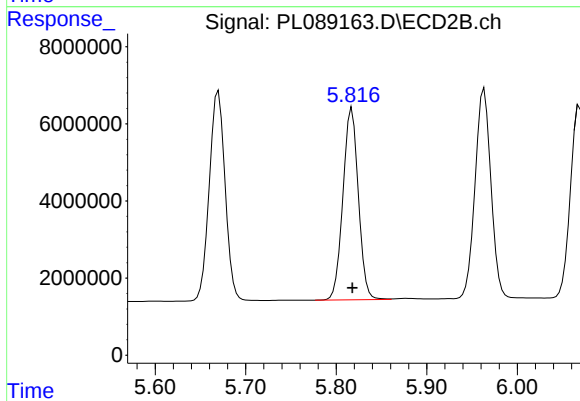
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 66617705  
Conc: 46.60 ng/ml



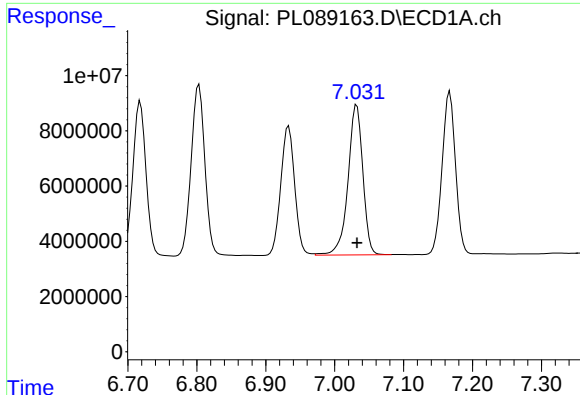
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 75460313  
Conc: 46.81 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 58896469  
Conc: 48.64 ng/ml



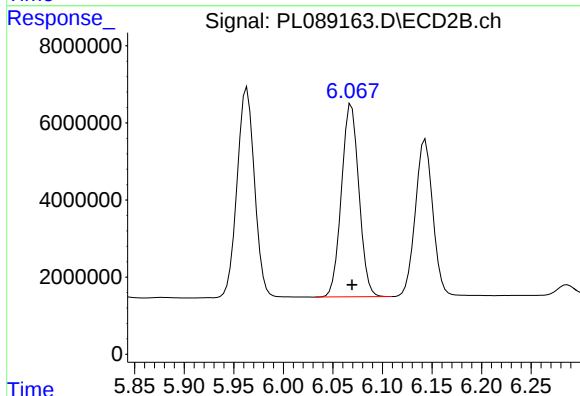
#17 4,4'-DDT

R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 81380536  
Conc: 44.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

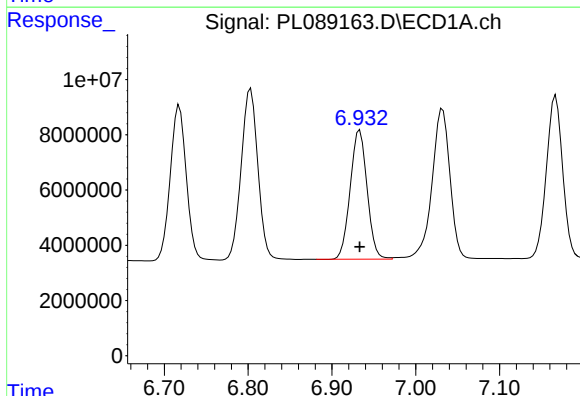
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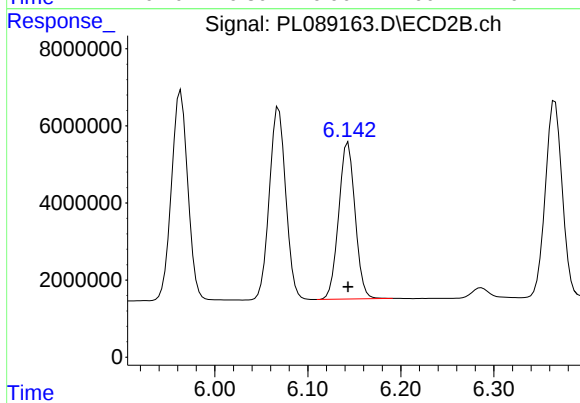
#17 4,4'-DDT

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 61358185  
Conc: 46.81 ng/ml



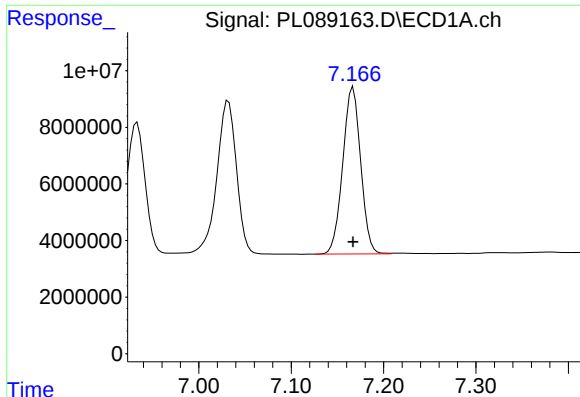
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.000 min  
Response: 65575373  
Conc: 44.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 49841614  
Conc: 45.35 ng/ml



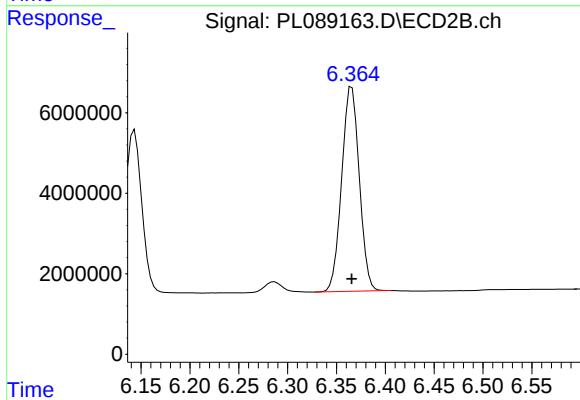
#19 Endosulfan Sulfate

R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 79444390  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

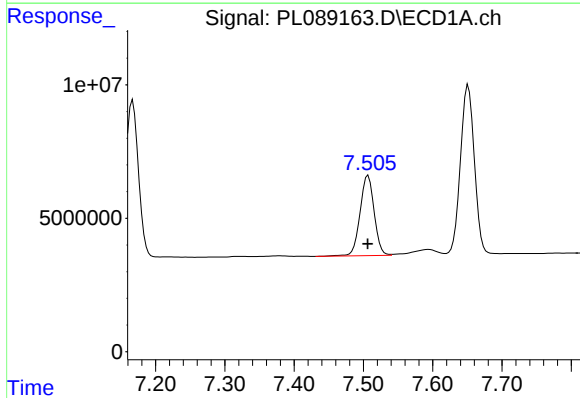
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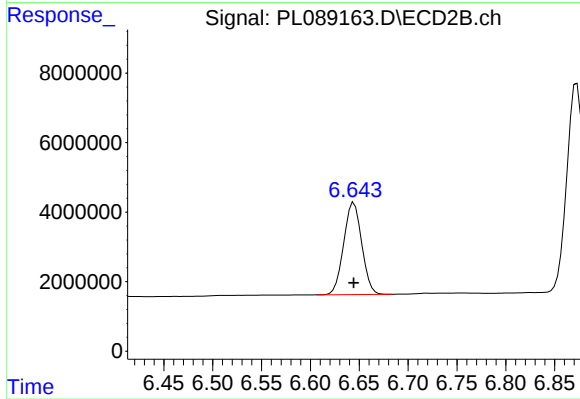
#19 Endosulfan Sulfate

R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 63869341  
Conc: 47.25 ng/ml



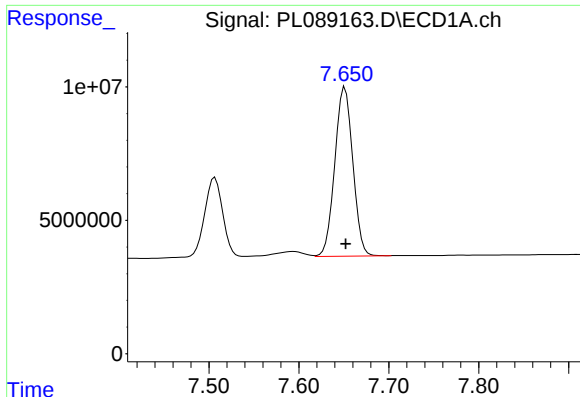
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.000 min  
Response: 42415672  
Conc: 48.14 ng/ml



#20 Methoxychlor

R.T.: 6.645 min  
Delta R.T.: 0.000 min  
Response: 34062103  
Conc: 45.57 ng/ml



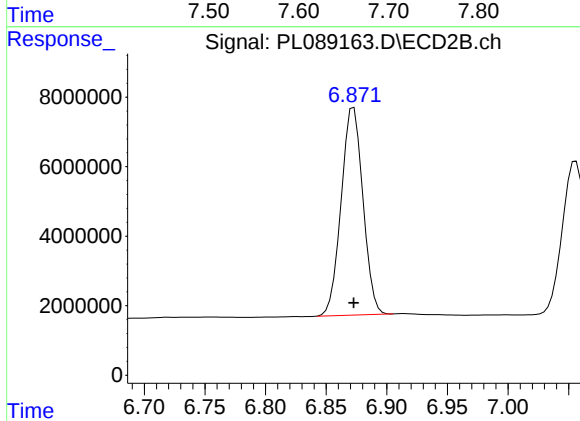
#21 Endrin ketone

R.T.: 7.651 min  
Delta R.T.: -0.001 min  
Response: 88370738  
Conc: 45.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

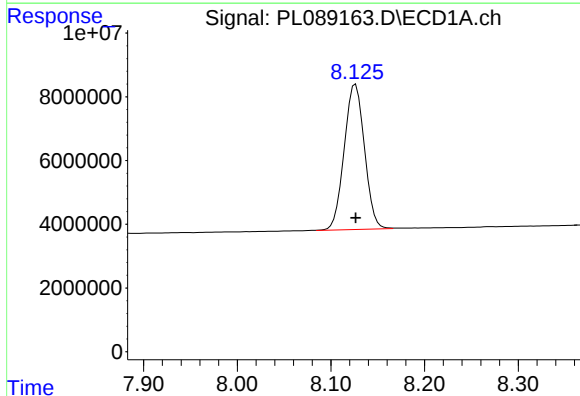
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/25/2024  
Supervised By :Ankita Jodhani 04/25/2024



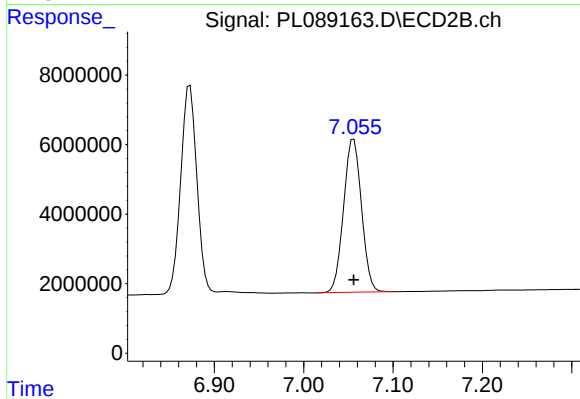
#21 Endrin ketone

R.T.: 6.873 min  
Delta R.T.: 0.000 min  
Response: 74566475  
Conc: 47.11 ng/ml



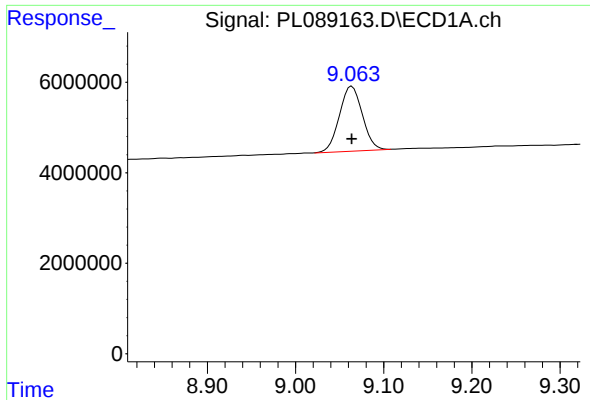
#22 Mirex

R.T.: 8.125 min  
Delta R.T.: -0.002 min  
Response: 68664752  
Conc: 46.75 ng/ml m



#22 Mirex

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 61391456  
Conc: 46.43 ng/ml



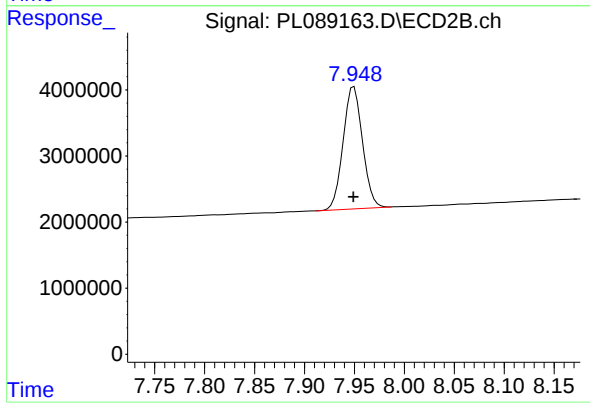
#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.000 min  
Response: 25899006  
Conc: 20.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB160475BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/25/2024  
Supervised By :Ankita Jodhani 04/25/2024



#28 Decachlorobiphenyl

R.T.: 7.950 min  
Delta R.T.: 0.000 min  
Response: 24981884  
Conc: 18.66 ng/ml