

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013125\  
 Data File : PL093935.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jan 2025 13:22  
 Operator : AR\AJ  
 Sample : PB166365BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB166365BSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/03/2025  
 Supervised By :Ankita Jodhani 02/06/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 00:24:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.541 | 2.774 | 54616208 | 61923350 | 20.283  | 18.971  |
| 28)                         | SA Decachlor... | 9.060 | 7.912 | 46000174 | 77428119 | 21.990  | 22.097  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.997 | 3.277 | 177.1E6  | 220.6E6  | 46.198  | 45.125  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.607 | 168.6E6  | 209.3E6  | 45.779  | 44.149  |
| 4)                          | MA Heptachlor   | 4.918 | 3.945 | 163.1E6  | 220.3E6  | 49.771  | 47.325  |
| 5)                          | MB Aldrin       | 5.260 | 4.225 | 151.5E6  | 205.5E6  | 46.315  | 45.039  |
| 6)                          | B beta-BHC      | 4.528 | 3.907 | 76370123 | 93150774 | 47.514  | 46.635  |
| 7)                          | B delta-BHC     | 4.775 | 4.136 | 164.3E6  | 212.5E6  | 46.858  | 44.729  |
| 8)                          | B Heptachlo...  | 5.686 | 4.728 | 136.5E6  | 197.1E6  | 45.913  | 47.160  |
| 9)                          | A Endosulfan I  | 6.072 | 5.098 | 124.2E6  | 182.5E6  | 46.991  | 47.084  |
| 10)                         | B gamma-Chl...  | 5.943 | 4.977 | 132.7E6  | 205.8E6  | 47.600  | 48.574m |
| 11)                         | B alpha-Chl...  | 6.022 | 5.042 | 133.0E6  | 202.1E6  | 47.699  | 48.279  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.231 | 124.0E6  | 201.1E6  | 50.937  | 50.158  |
| 13)                         | MA Dieldrin     | 6.347 | 5.362 | 131.2E6  | 205.7E6  | 47.274  | 47.884  |
| 14)                         | MA Endrin       | 6.575 | 5.638 | 112.8E6  | 191.2E6  | 48.110m | 51.768  |
| 15)                         | B Endosulfa...  | 6.797 | 5.933 | 114.9E6  | 183.0E6  | 47.673  | 49.419  |
| 16)                         | A 4,4'-DDD      | 6.713 | 5.786 | 99415719 | 164.3E6  | 52.309  | 52.041  |
| 17)                         | MA 4,4'-DDT     | 7.027 | 6.036 | 107.3E6  | 176.8E6  | 54.416  | 54.318  |
| 18)                         | B Endrin al...  | 6.928 | 6.112 | 90022140 | 143.2E6  | 46.306  | 47.035  |
| 19)                         | B Endosulfa...  | 7.162 | 6.335 | 105.2E6  | 176.9E6  | 46.480  | 49.605  |
| 20)                         | A Methoxychlor  | 7.503 | 6.612 | 55169258 | 95075552 | 52.875  | 53.170  |
| 21)                         | B Endrin ke...  | 7.647 | 6.840 | 116.4E6  | 200.8E6  | 46.143  | 47.865  |
| 22)                         | Mirex           | 8.120 | 7.020 | 88403054 | 150.0E6  | 42.451  | 44.365  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013125\  
Data File : PL093935.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jan 2025 13:22  
Operator : AR\AJ  
Sample : PB166365BSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

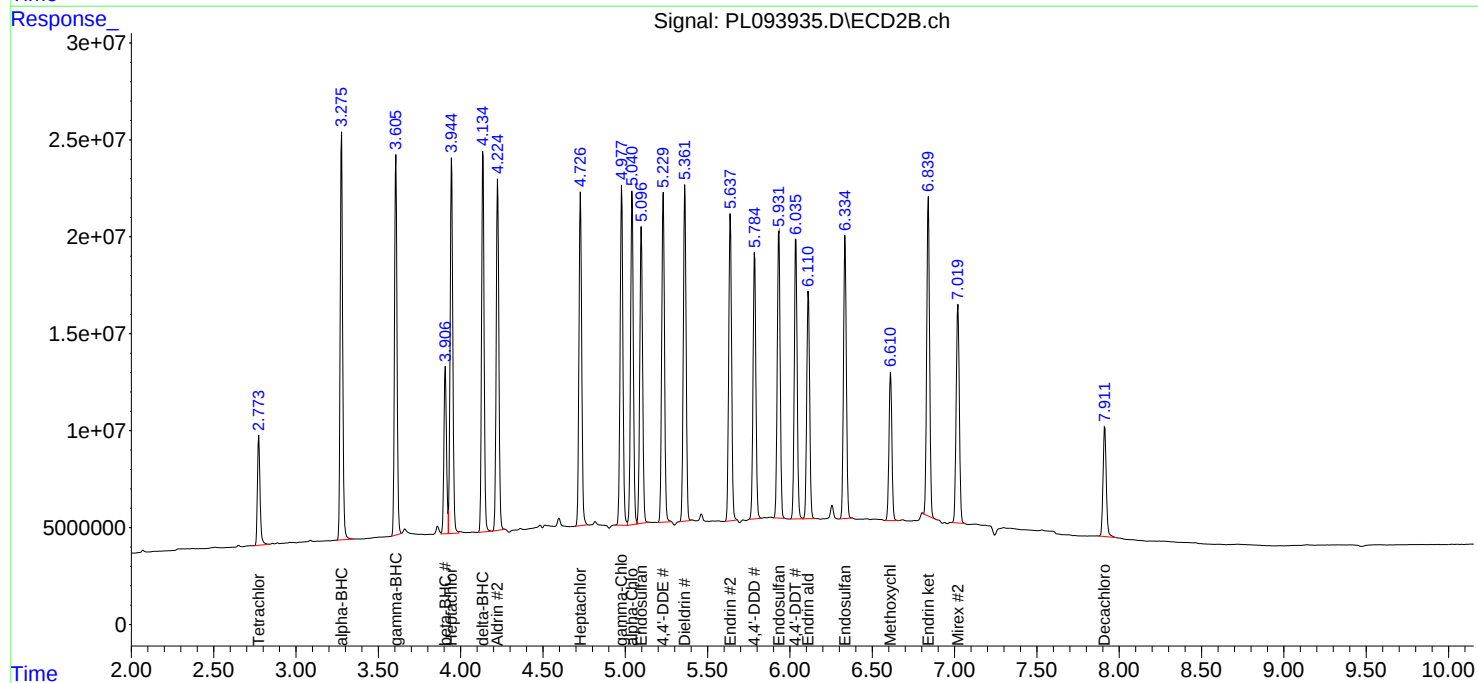
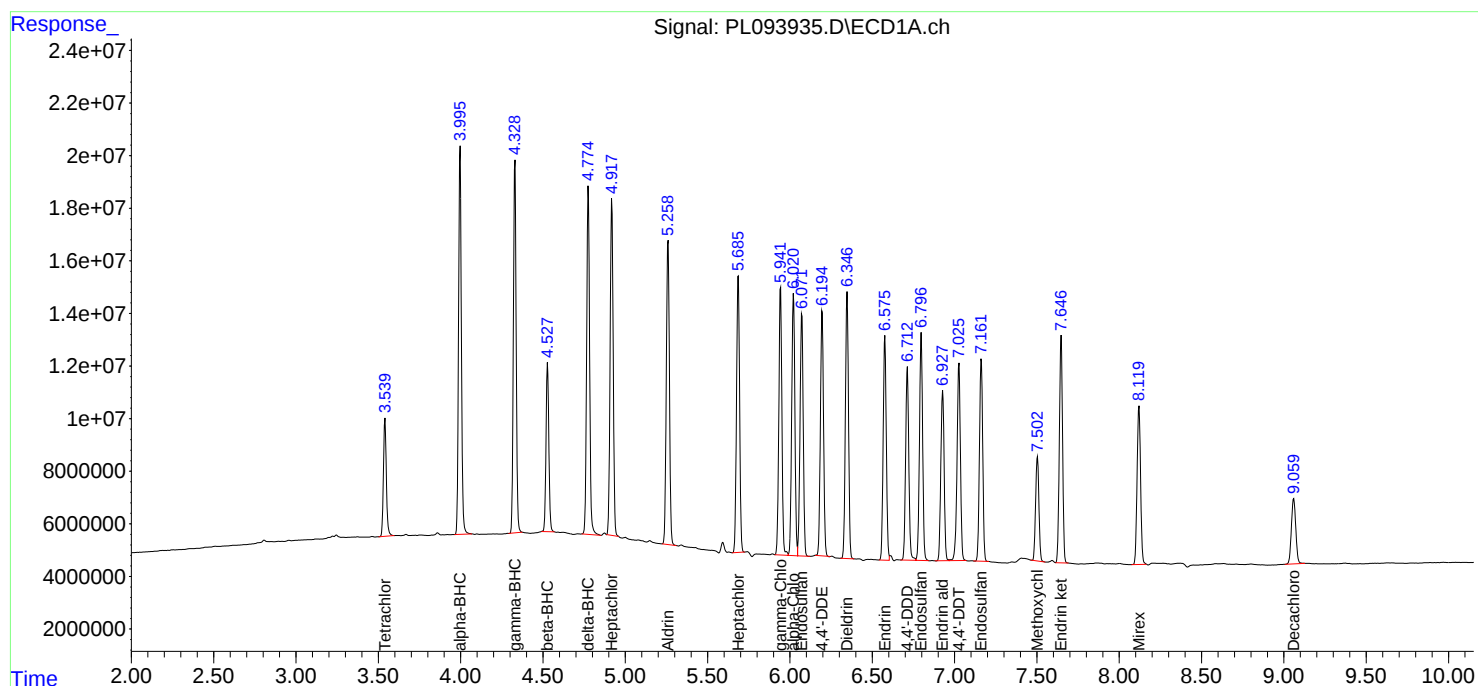
Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

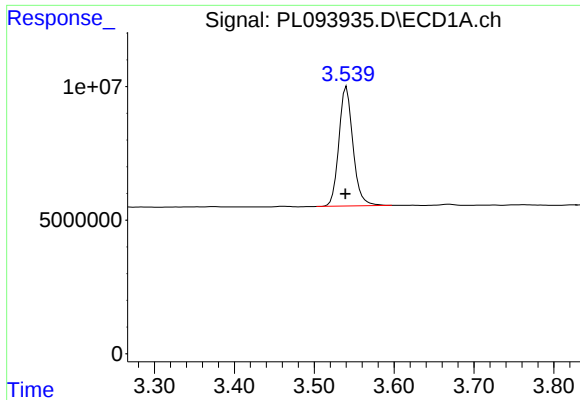
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 00:24:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





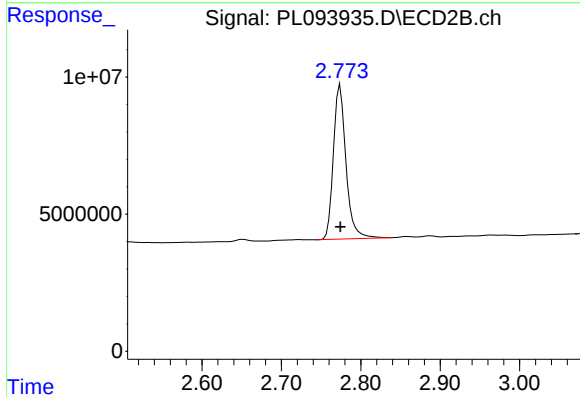
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: 0.002 min  
Response: 54616208  
Conc: 20.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

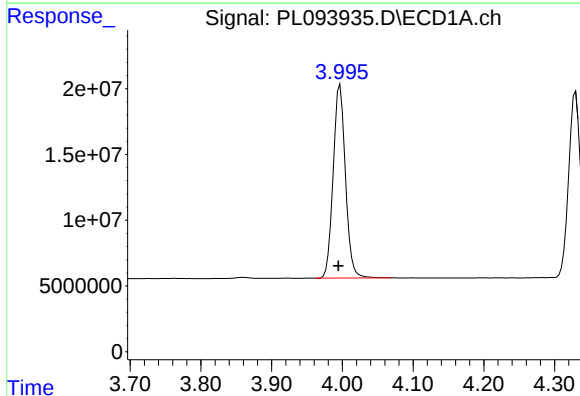
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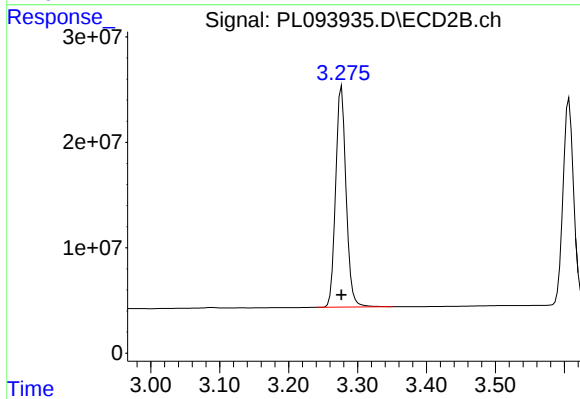
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 61923350  
Conc: 18.97 ng/ml



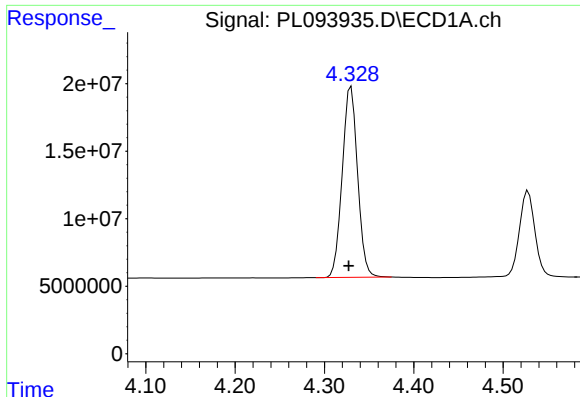
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.002 min  
Response: 177116521  
Conc: 46.20 ng/ml



#2 alpha-BHC

R.T.: 3.277 min  
Delta R.T.: 0.000 min  
Response: 220616515  
Conc: 45.13 ng/ml



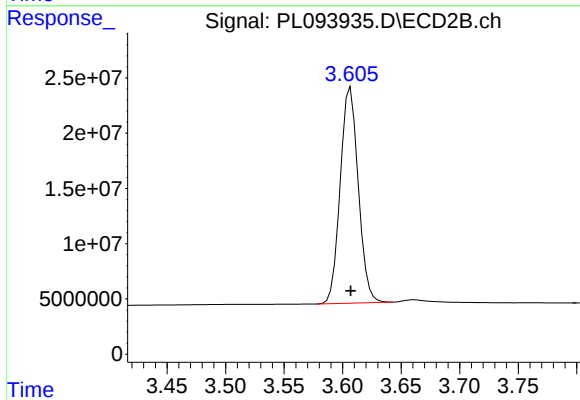
#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: 0.003 min  
Response: 168597506  
Conc: 45.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

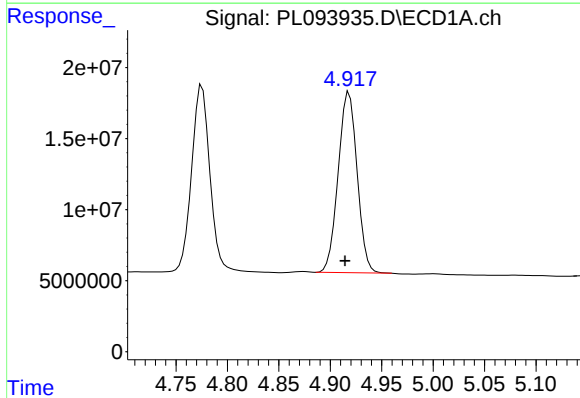
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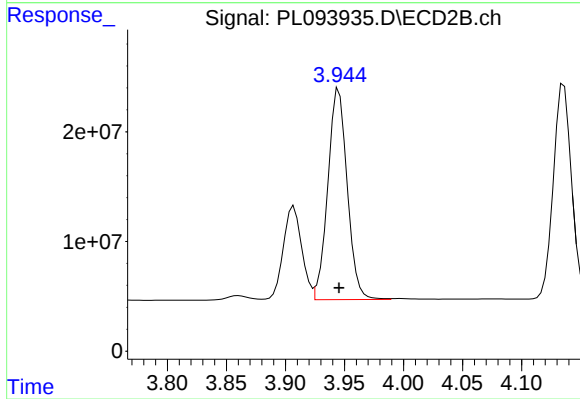
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 209318377  
Conc: 44.15 ng/ml



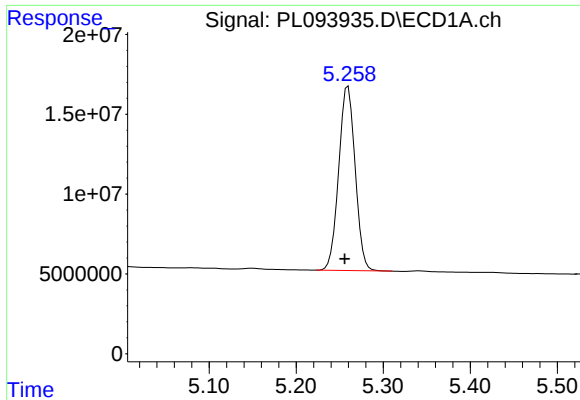
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: 0.004 min  
Response: 163116588  
Conc: 49.77 ng/ml



#4 Heptachlor

R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 220286222  
Conc: 47.32 ng/ml



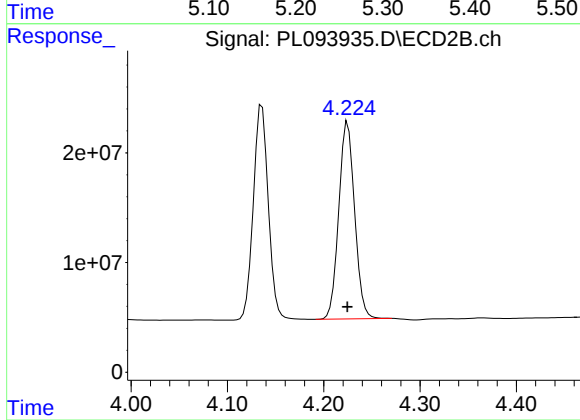
#5 Aldrin

R.T.: 5.260 min  
Delta R.T.: 0.004 min  
Response: 151539920  
Conc: 46.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

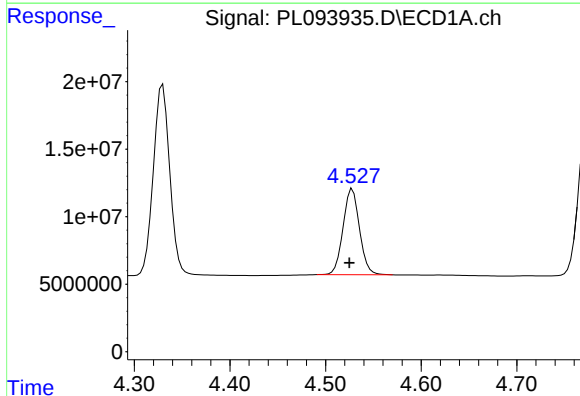
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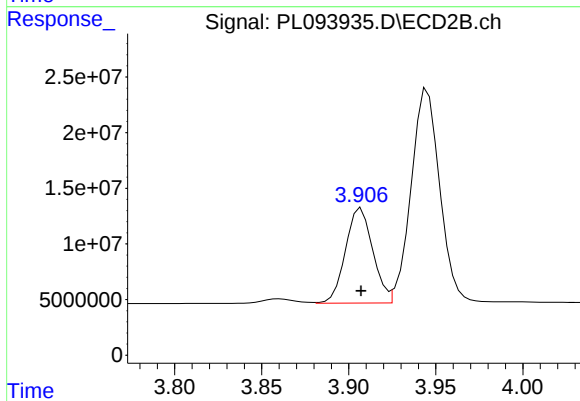
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: 0.000 min  
Response: 205457788  
Conc: 45.04 ng/ml



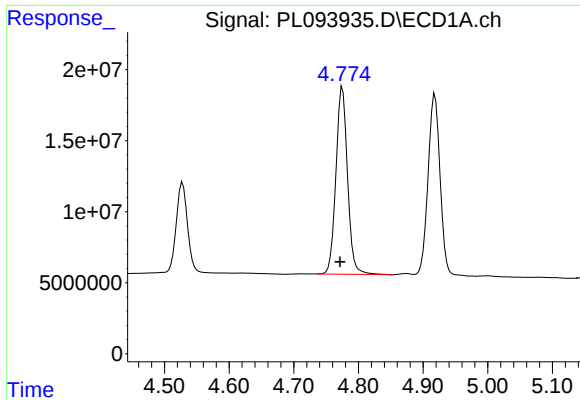
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.003 min  
Response: 76370123  
Conc: 47.51 ng/ml



#6 beta-BHC

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 93150774  
Conc: 46.64 ng/ml



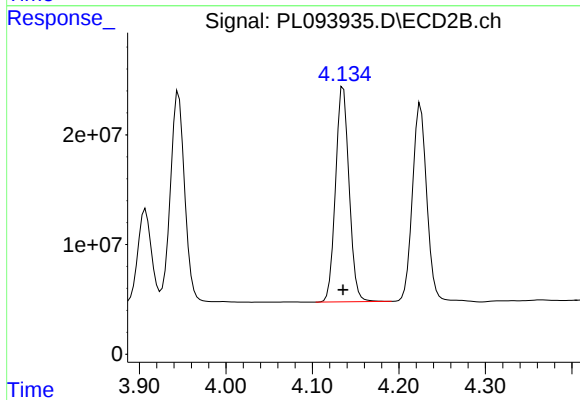
#7 delta-BHC

R.T.: 4.775 min  
Delta R.T.: 0.004 min  
Response: 164250644  
Conc: 46.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

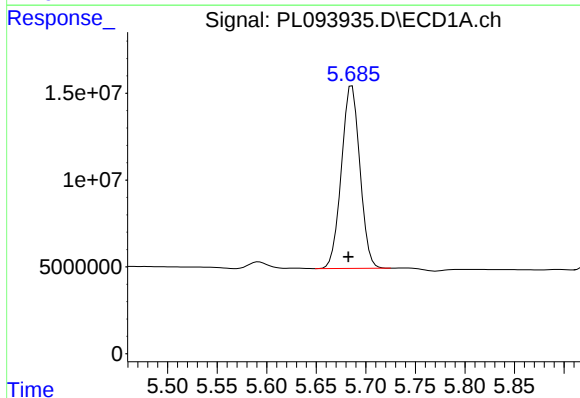
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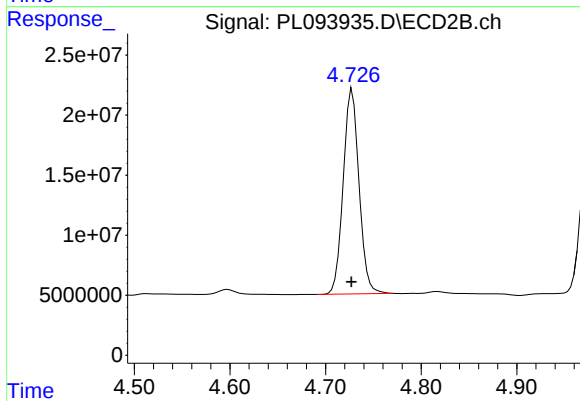
#7 delta-BHC

R.T.: 4.136 min  
Delta R.T.: 0.000 min  
Response: 212516820  
Conc: 44.73 ng/ml



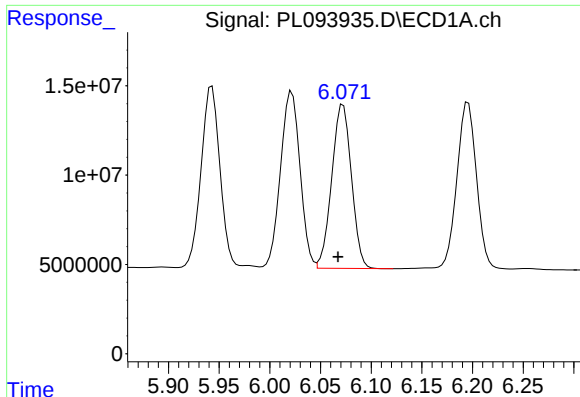
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: 0.004 min  
Response: 136537599  
Conc: 45.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 197142787  
Conc: 47.16 ng/ml



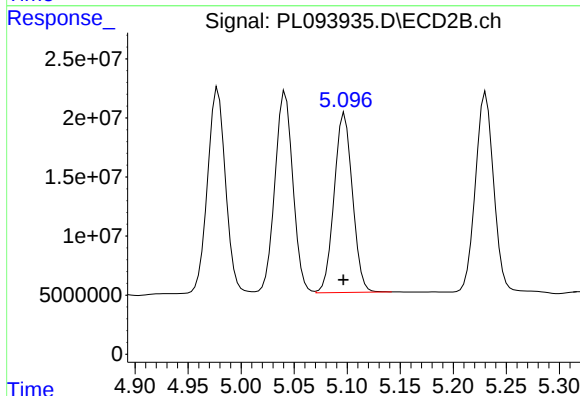
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.005 min  
Response: 124190524  
Conc: 46.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

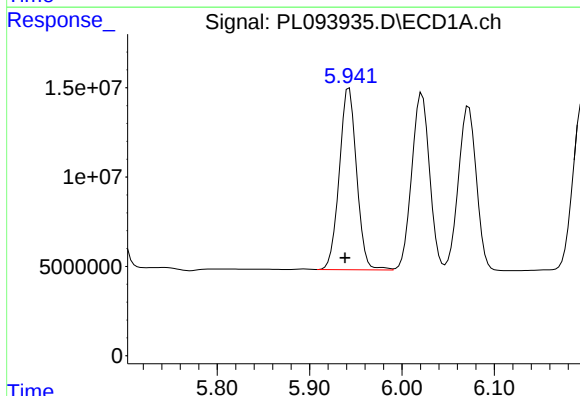
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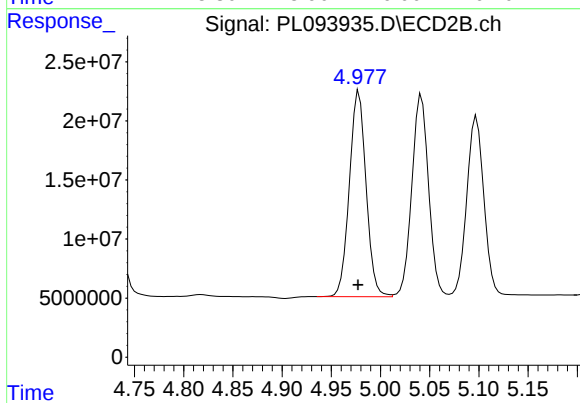
#9 Endosulfan I

R.T.: 5.098 min  
Delta R.T.: 0.001 min  
Response: 182539735  
Conc: 47.08 ng/ml



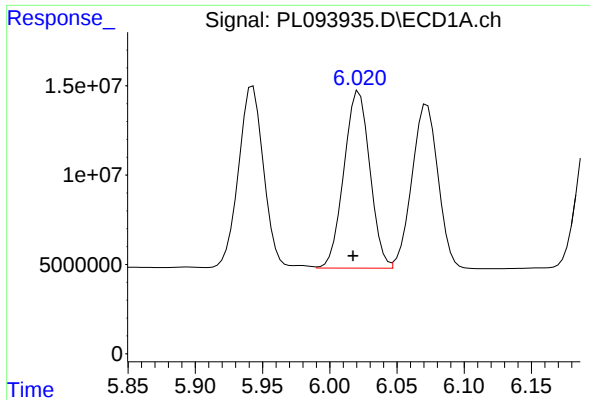
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: 0.005 min  
Response: 132679247  
Conc: 47.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 205837741  
Conc: 48.57 ng/ml m



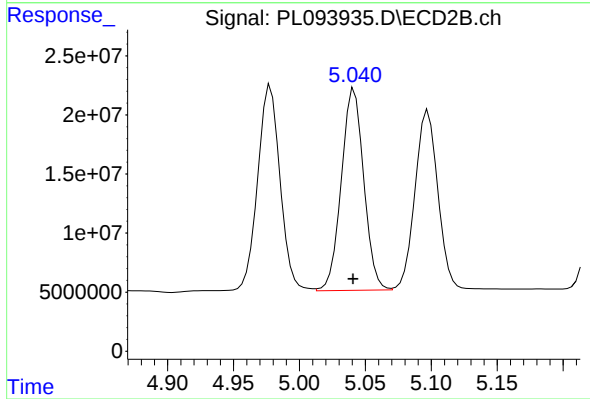
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: 0.004 min  
Response: 133003707  
Conc: 47.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

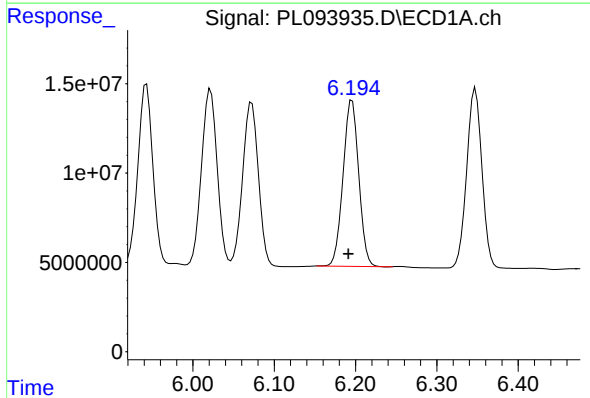
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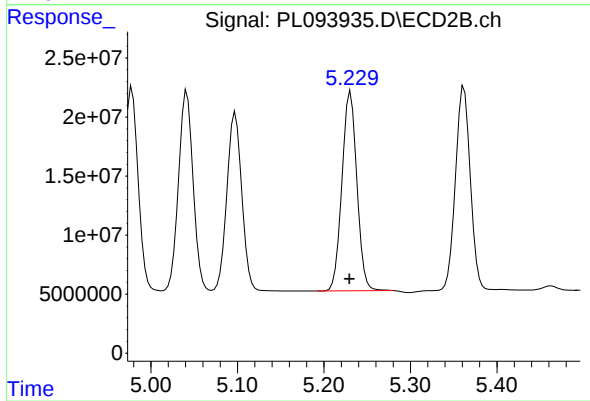
#11 alpha-Chlordane

R.T.: 5.042 min  
Delta R.T.: 0.001 min  
Response: 202123786  
Conc: 48.28 ng/ml



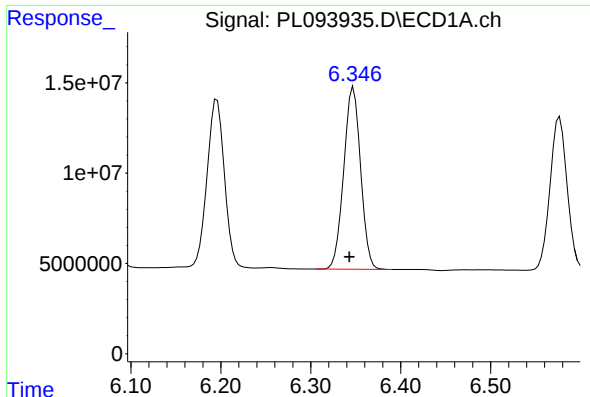
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: 0.005 min  
Response: 124011678  
Conc: 50.94 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min  
Delta R.T.: 0.001 min  
Response: 201107683  
Conc: 50.16 ng/ml



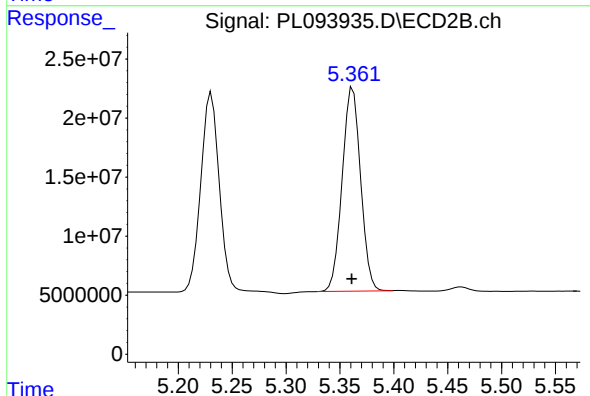
#13 Dieldrin

R.T.: 6.347 min  
Delta R.T.: 0.005 min  
Response: 131225539  
Conc: 47.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

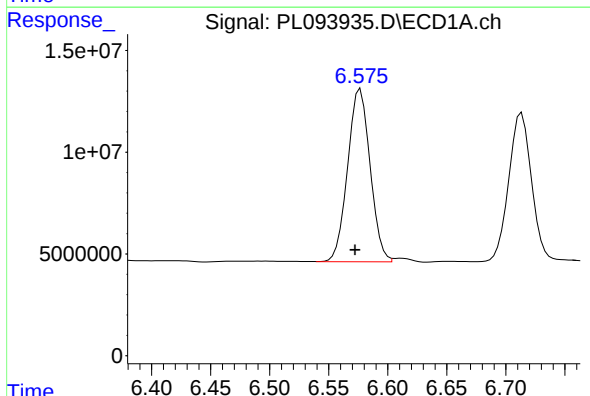
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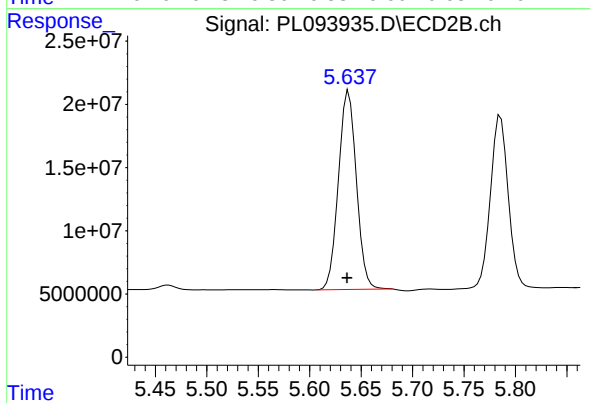
#13 Dieldrin

R.T.: 5.362 min  
Delta R.T.: 0.001 min  
Response: 205691360  
Conc: 47.88 ng/ml



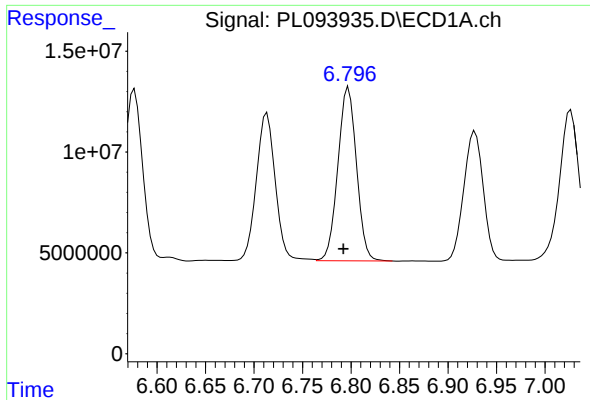
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.003 min  
Response: 112809041  
Conc: 48.11 ng/ml m



#14 Endrin

R.T.: 5.638 min  
Delta R.T.: 0.001 min  
Response: 191161946  
Conc: 51.77 ng/ml



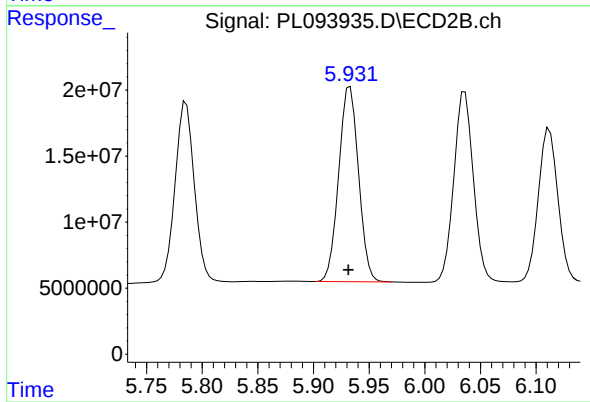
#15 Endosulfan II

R.T.: 6.797 min  
Delta R.T.: 0.005 min  
Response: 114862181  
Conc: 47.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

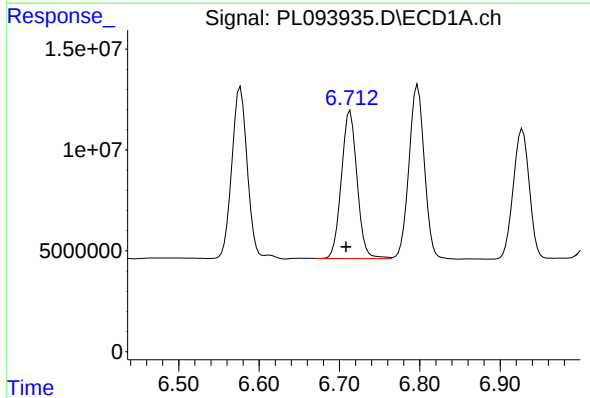
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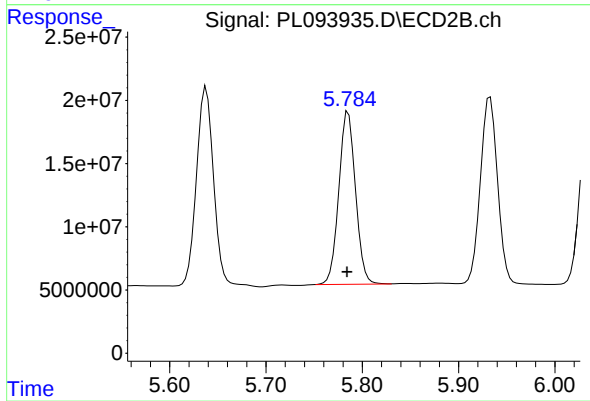
#15 Endosulfan II

R.T.: 5.933 min  
Delta R.T.: 0.002 min  
Response: 183040364  
Conc: 49.42 ng/ml



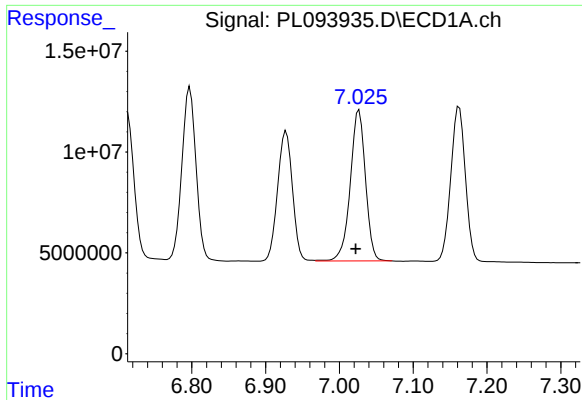
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: 0.005 min  
Response: 99415719  
Conc: 52.31 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min  
Delta R.T.: 0.001 min  
Response: 164268739  
Conc: 52.04 ng/ml



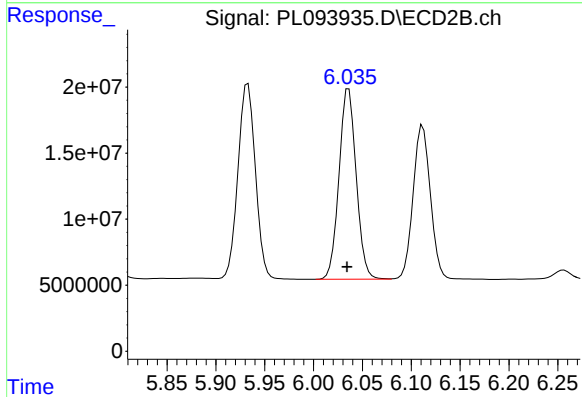
#17 4,4'-DDT

R.T.: 7.027 min  
Delta R.T.: 0.004 min  
Response: 107311617  
Conc: 54.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

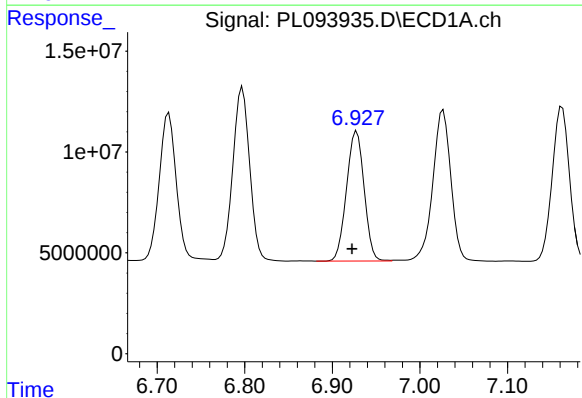
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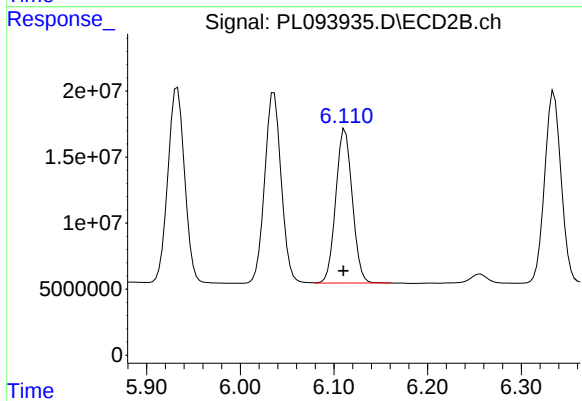
#17 4,4'-DDT

R.T.: 6.036 min  
Delta R.T.: 0.002 min  
Response: 176752721  
Conc: 54.32 ng/ml



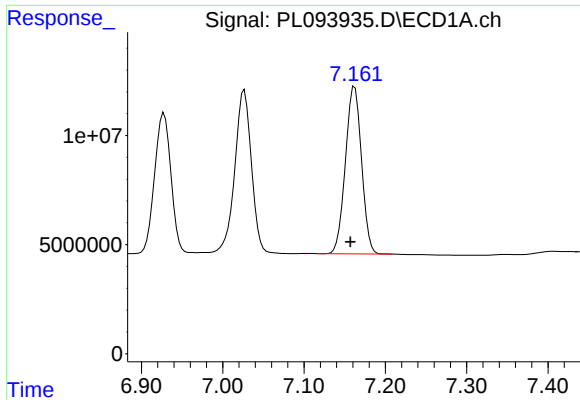
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: 0.005 min  
Response: 90022140  
Conc: 46.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min  
Delta R.T.: 0.002 min  
Response: 143204731  
Conc: 47.04 ng/ml



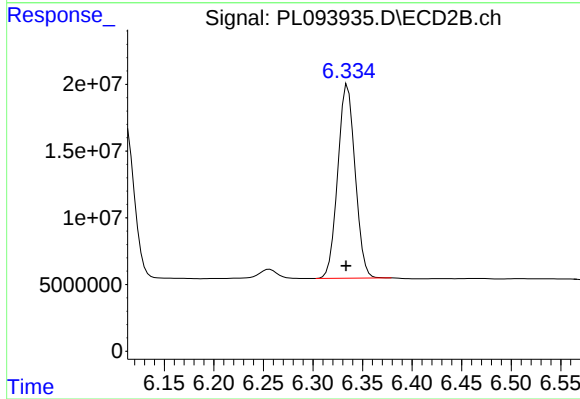
#19 Endosulfan Sulfate

R.T.: 7.162 min  
Delta R.T.: 0.005 min  
Response: 105218887  
Conc: 46.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

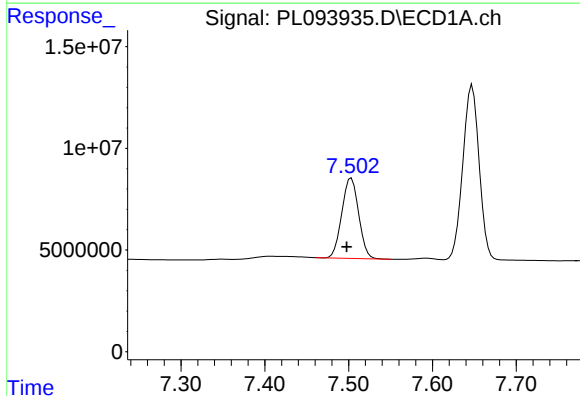
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Supervised By :Ankita Jodhani 02/06/2025



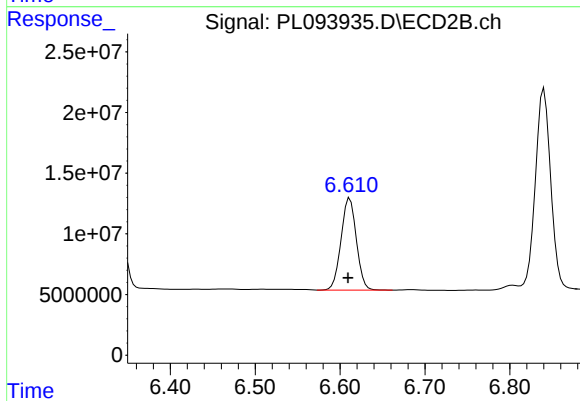
#19 Endosulfan Sulfate

R.T.: 6.335 min  
Delta R.T.: 0.002 min  
Response: 176895722  
Conc: 49.61 ng/ml



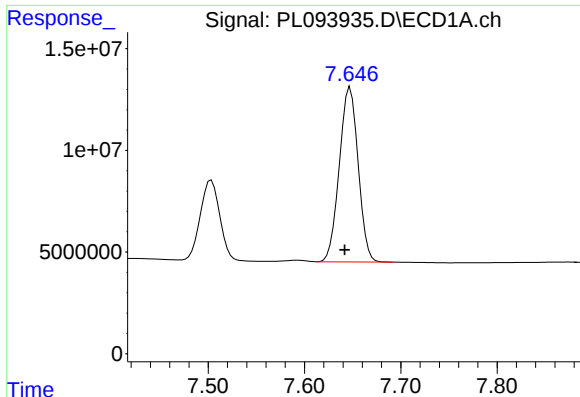
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.005 min  
Response: 55169258  
Conc: 52.87 ng/ml



#20 Methoxychlor

R.T.: 6.612 min  
Delta R.T.: 0.002 min  
Response: 95075552  
Conc: 53.17 ng/ml



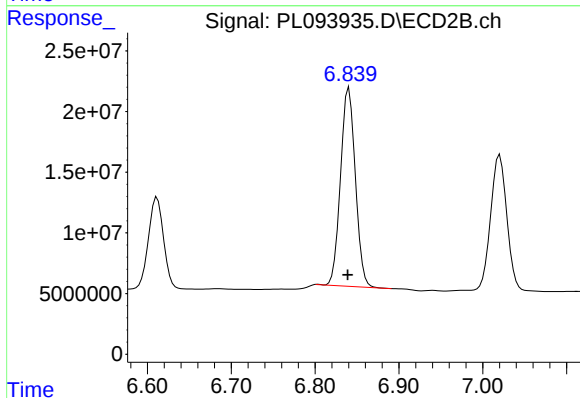
#21 Endrin ketone

R.T.: 7.647 min  
Delta R.T.: 0.006 min  
Response: 116401370  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

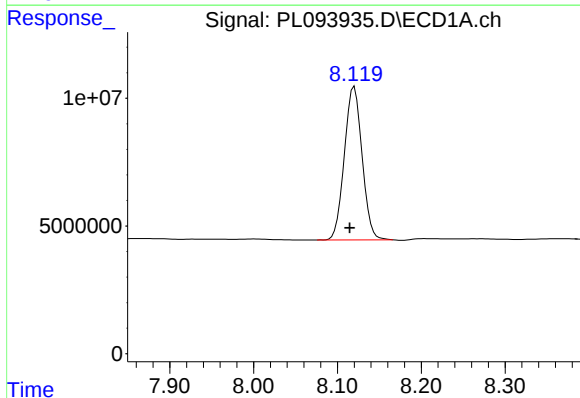
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/03/2025  
Supervised By :Ankita Jodhani 02/06/2025



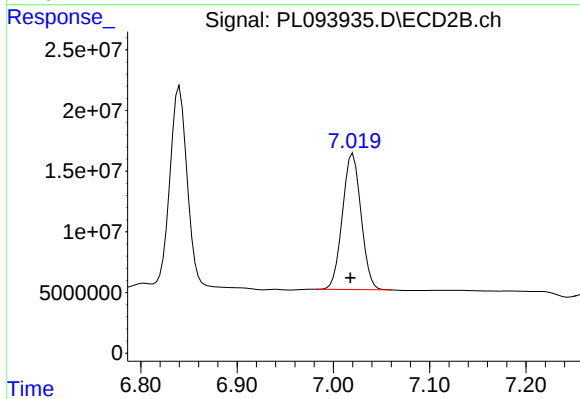
#21 Endrin ketone

R.T.: 6.840 min  
Delta R.T.: 0.001 min  
Response: 200803828  
Conc: 47.86 ng/ml



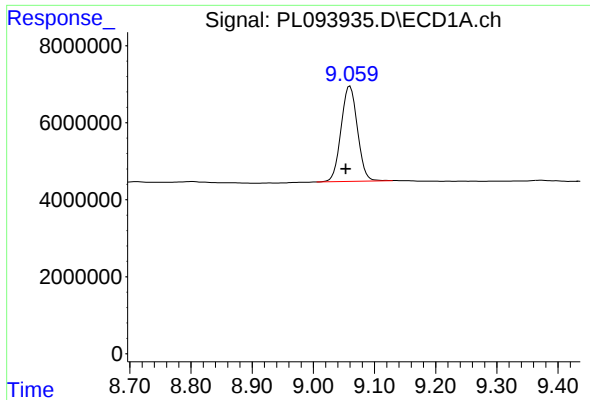
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: 0.005 min  
Response: 88403054  
Conc: 42.45 ng/ml



#22 Mirex

R.T.: 7.020 min  
Delta R.T.: 0.003 min  
Response: 150037073  
Conc: 44.36 ng/ml



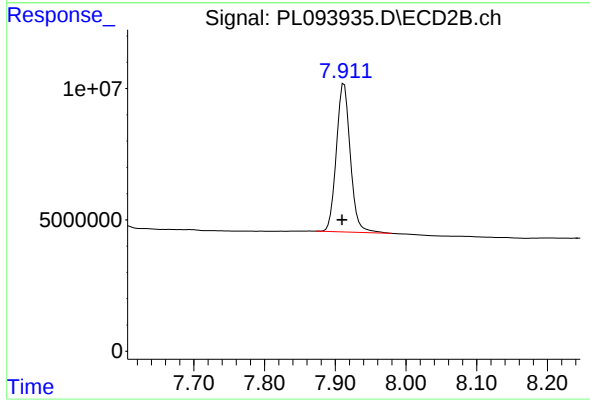
#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.007 min  
Response: 46000174  
Conc: 21.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166365BSD

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 02/06/2025



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: 0.003 min  
Response: 77428119  
Conc: 22.10 ng/ml