

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100424\  
 Data File : PL092194.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2024 15:16  
 Operator : AR\AJ  
 Sample : PB163841BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB163841BSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/03/2024  
 Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 03:03:41 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 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... | 3.543 | 2.781 | 41591120 | 45338520 | 18.695  | 18.077  |
| 28)                         | SA Decachlor... | 9.060 | 7.921 | 31566132 | 48192218 | 19.268  | 19.262  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.284 | 161.4E6  | 204.0E6  | 52.126  | 55.988  |
| 3)                          | MA gamma-BHC... | 4.331 | 3.614 | 154.6E6  | 193.4E6  | 49.877  | 54.785  |
| 4)                          | MA Heptachlor   | 4.920 | 3.954 | 144.8E6  | 194.8E6  | 52.348  | 56.447  |
| 5)                          | MB Aldrin       | 5.262 | 4.233 | 136.6E6  | 183.6E6  | 49.163  | 53.974  |
| 6)                          | B beta-BHC      | 4.529 | 3.914 | 69380307 | 84000190 | 52.308  | 55.885  |
| 7)                          | B delta-BHC     | 4.776 | 4.143 | 146.5E6  | 189.1E6  | 50.782  | 54.481  |
| 8)                          | B Heptachlo...  | 5.688 | 4.736 | 127.2E6  | 166.5E6  | 49.973  | 55.083  |
| 9)                          | A Endosulfan I  | 6.073 | 5.106 | 118.0E6  | 153.4E6  | 50.996  | 55.904  |
| 10)                         | B gamma-Chl...  | 5.944 | 4.986 | 128.6E6  | 172.3E6  | 52.031  | 57.268  |
| 11)                         | B alpha-Chl...  | 6.023 | 5.050 | 126.7E6  | 169.6E6  | 51.420  | 56.662  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.239 | 112.7E6  | 160.5E6  | 52.052  | 57.754  |
| 13)                         | MA Dieldrin     | 6.349 | 5.370 | 124.1E6  | 165.9E6  | 50.874  | 56.577  |
| 14)                         | MA Endrin       | 6.577 | 5.646 | 105.2E6  | 147.0E6  | 51.066m | 56.053  |
| 15)                         | B Endosulfa...  | 6.798 | 5.940 | 110.2E6  | 142.0E6  | 50.108  | 56.756  |
| 16)                         | A 4,4'-DDD      | 6.713 | 5.793 | 93791861 | 126.3E6  | 52.231  | 59.138  |
| 17)                         | MA 4,4'-DDT     | 7.027 | 6.044 | 98909658 | 130.8E6  | 53.720  | 56.556  |
| 18)                         | B Endrin al...  | 6.928 | 6.119 | 85272757 | 109.5E6  | 48.930  | 53.633  |
| 19)                         | B Endosulfa...  | 7.162 | 6.343 | 101.0E6  | 134.8E6  | 50.962  | 55.888  |
| 20)                         | A Methoxychlor  | 7.503 | 6.619 | 51344175 | 68175714 | 52.301  | 54.525  |
| 21)                         | B Endrin ke...  | 7.647 | 6.847 | 112.3E6  | 158.1E6  | 51.094  | 57.107m |
| 22)                         | Mirex           | 8.121 | 7.029 | 86913828 | 123.7E6  | 48.259  | 50.863  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100424\  
Data File : PL092194.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2024 15:16  
Operator : AR\AJ  
Sample : PB163841BSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

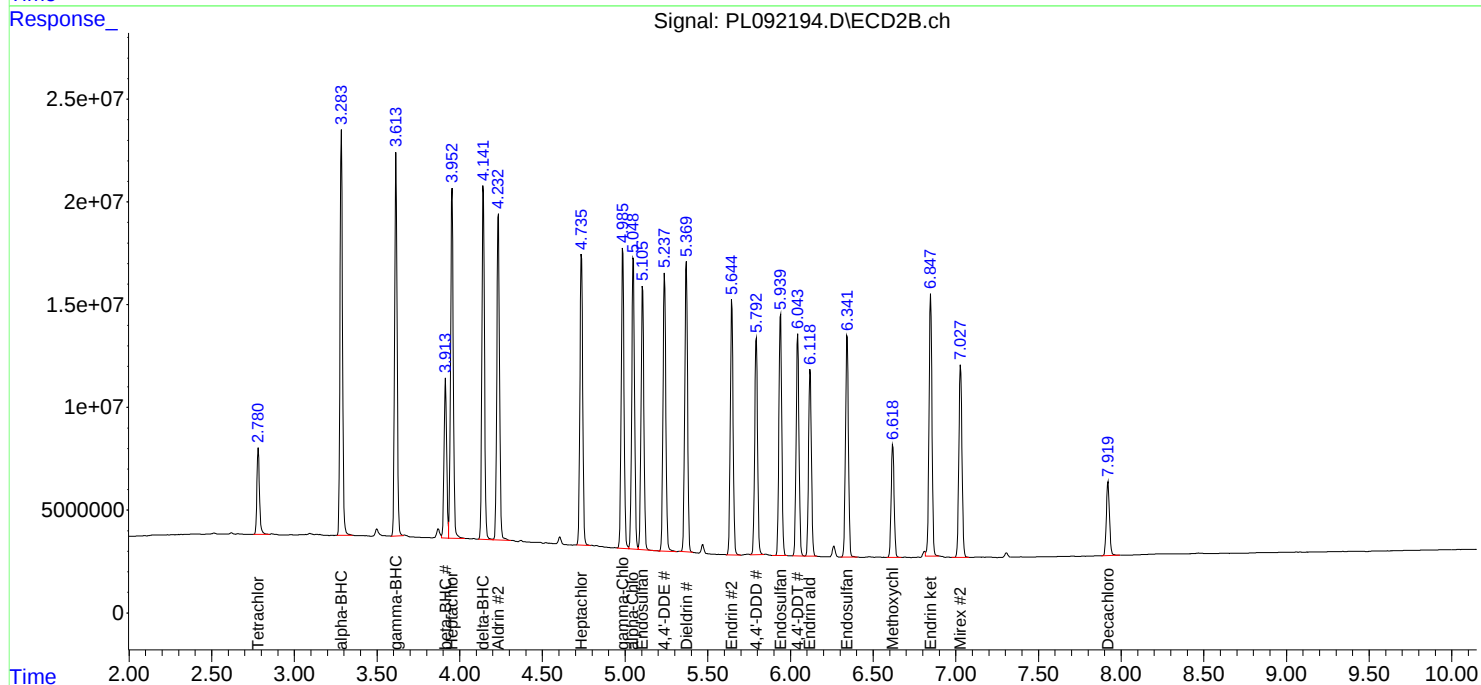
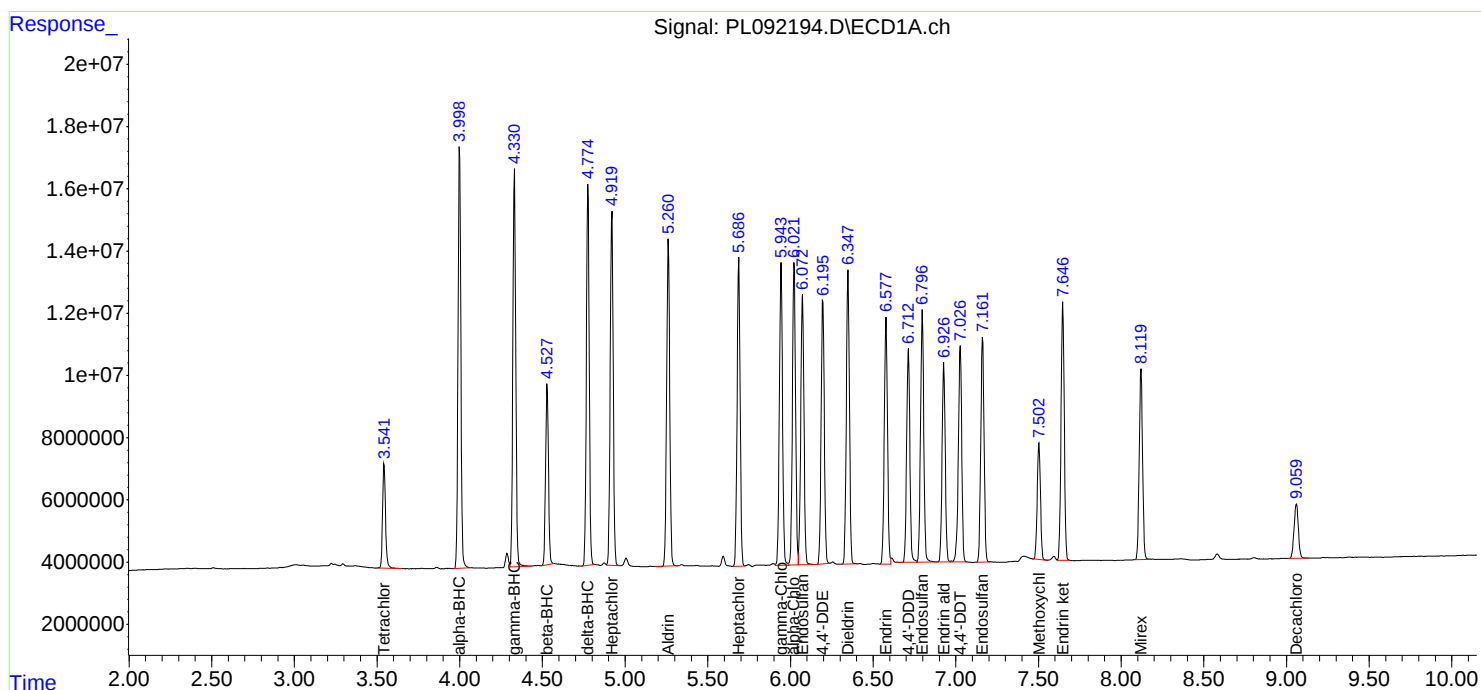
Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

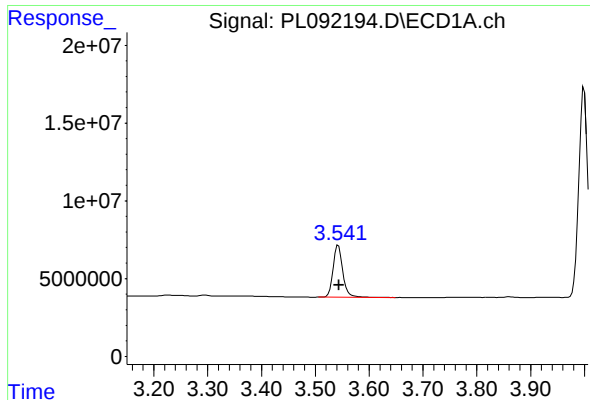
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 03:03:41 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 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





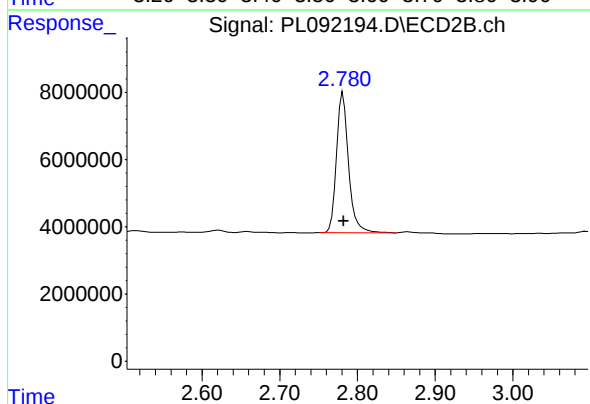
#1 Tetrachloro-m-xylene

R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 41591120  
Conc: 18.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

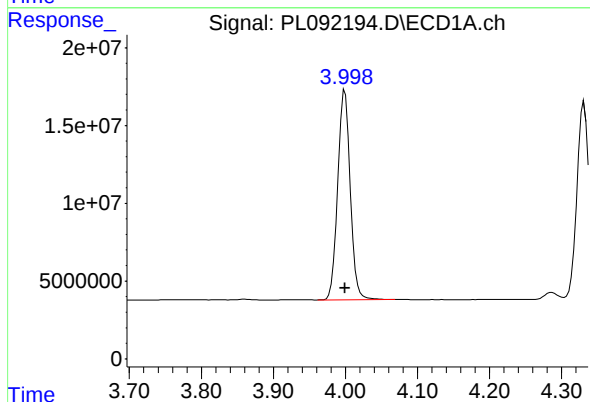
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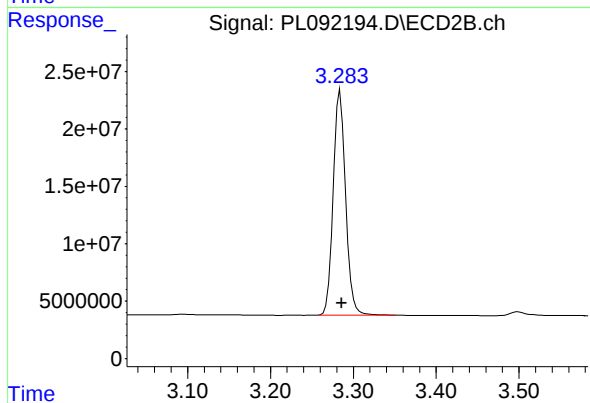
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: 0.000 min  
Response: 45338520  
Conc: 18.08 ng/ml



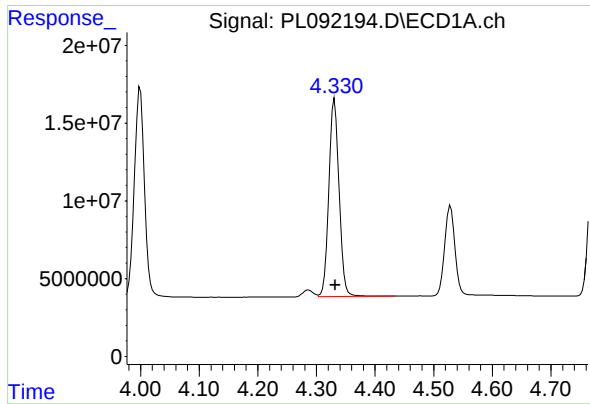
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 161407881  
Conc: 52.13 ng/ml



#2 alpha-BHC

R.T.: 3.284 min  
Delta R.T.: -0.001 min  
Response: 203982270  
Conc: 55.99 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min  
Delta R.T.: -0.001 min  
Response: 154560361  
Conc: 49.88 ng/ml

Instrument :

ECD\_L

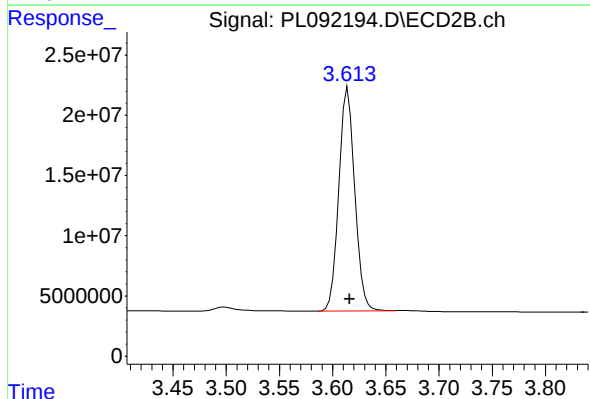
ClientSampleId :

PB163841BSD

Manual Integrations

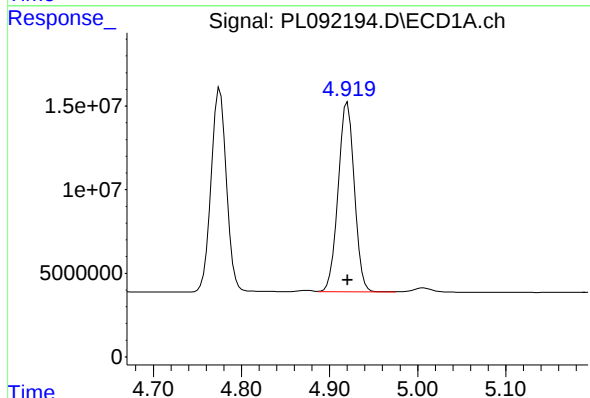
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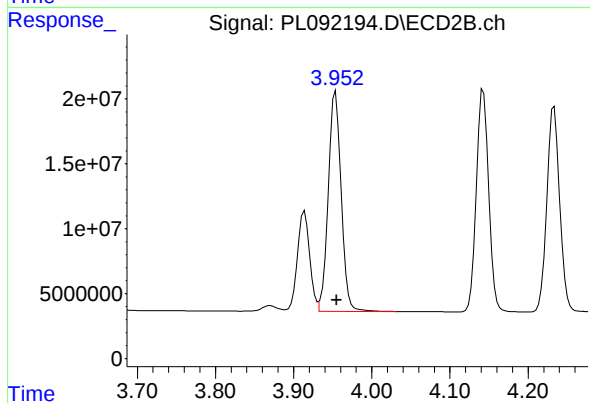
#3 gamma-BHC (Lindane)

R.T.: 3.614 min  
Delta R.T.: -0.001 min  
Response: 193445640  
Conc: 54.79 ng/ml



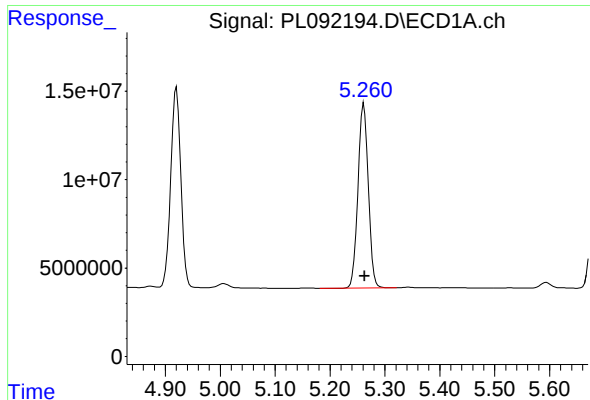
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 144766876  
Conc: 52.35 ng/ml



#4 Heptachlor

R.T.: 3.954 min  
Delta R.T.: -0.001 min  
Response: 194777014  
Conc: 56.45 ng/ml



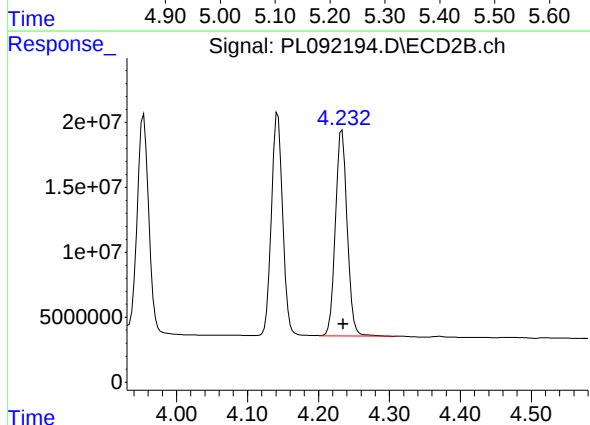
#5 Aldrin

R.T.: 5.262 min  
Delta R.T.: -0.001 min  
Response: 136553615  
Conc: 49.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

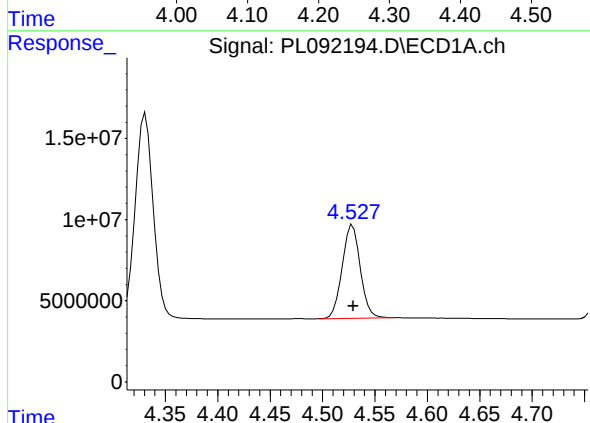
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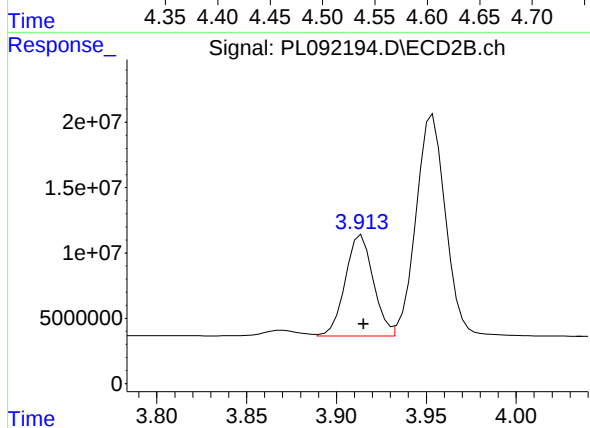
#5 Aldrin

R.T.: 4.233 min  
Delta R.T.: -0.002 min  
Response: 183570232  
Conc: 53.97 ng/ml



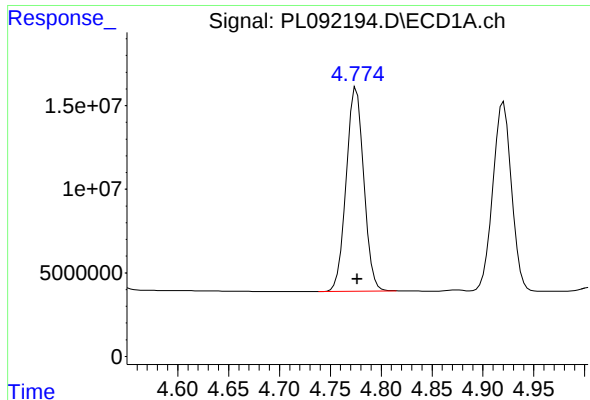
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.000 min  
Response: 69380307  
Conc: 52.31 ng/ml



#6 beta-BHC

R.T.: 3.914 min  
Delta R.T.: -0.001 min  
Response: 84000190  
Conc: 55.88 ng/ml



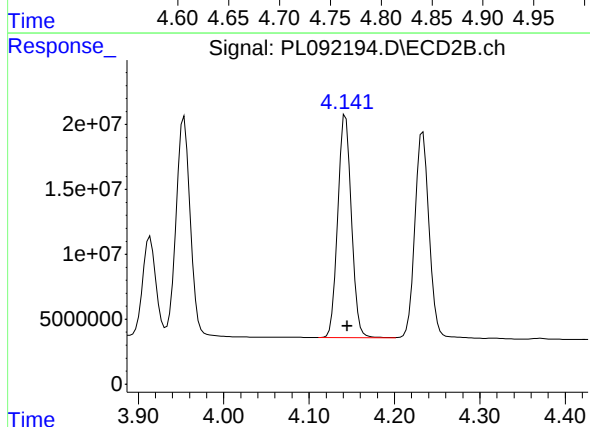
#7 delta-BHC

R.T.: 4.776 min  
Delta R.T.: -0.001 min  
Response: 146466553  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

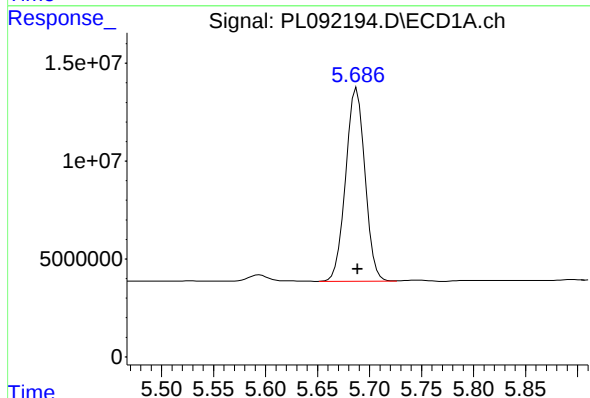
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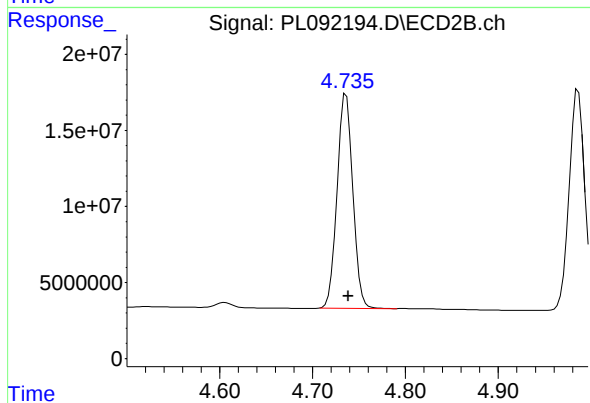
#7 delta-BHC

R.T.: 4.143 min  
Delta R.T.: -0.002 min  
Response: 189140756  
Conc: 54.48 ng/ml



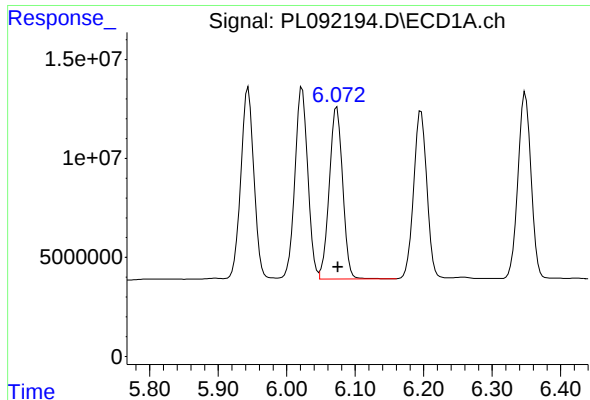
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.001 min  
Response: 127180045  
Conc: 49.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 166510774  
Conc: 55.08 ng/ml



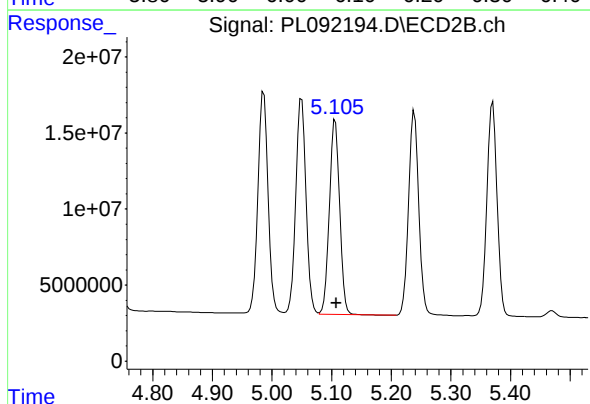
#9 Endosulfan I

R.T.: 6.073 min  
Delta R.T.: -0.001 min  
Response: 117975142  
Conc: 51.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

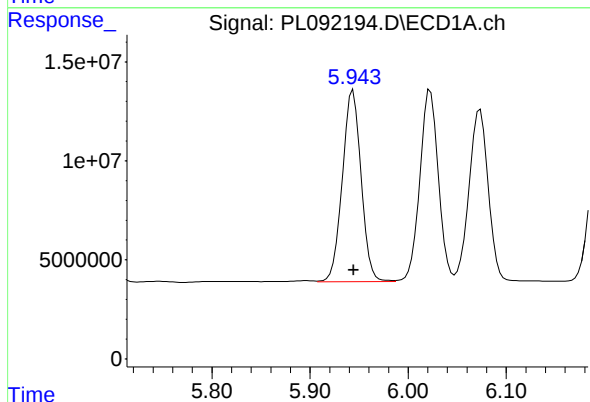
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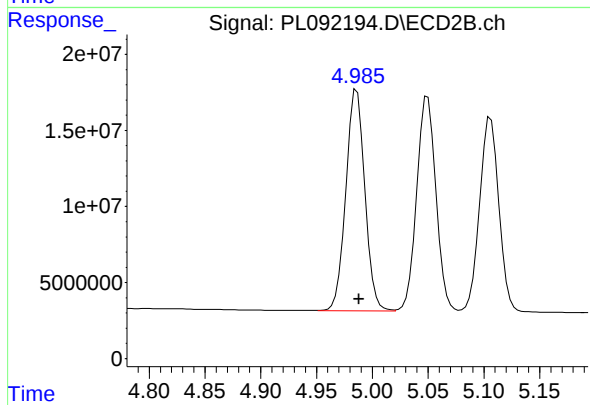
#9 Endosulfan I

R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 153437032  
Conc: 55.90 ng/ml



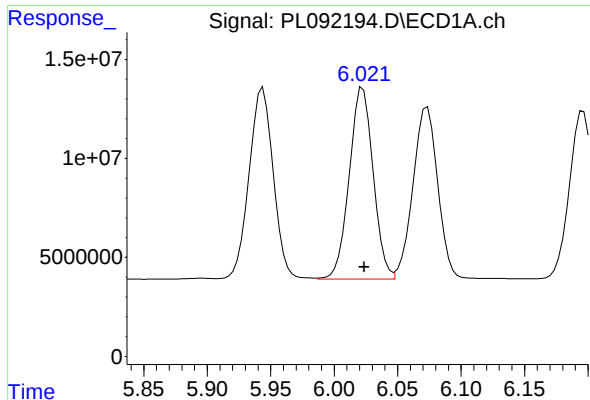
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 128578151  
Conc: 52.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 172295284  
Conc: 57.27 ng/ml



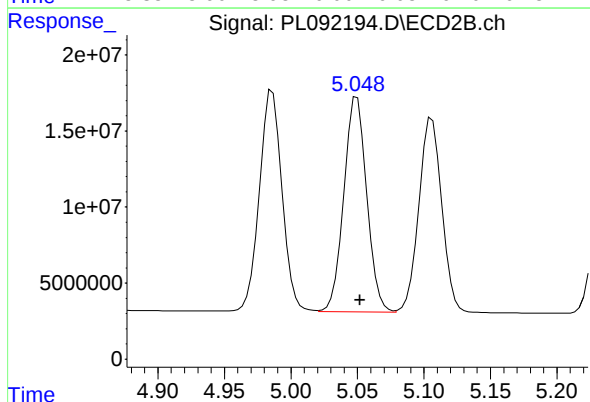
#11 alpha-Chlordane

R.T.: 6.023 min  
Delta R.T.: -0.001 min  
Response: 126663580  
Conc: 51.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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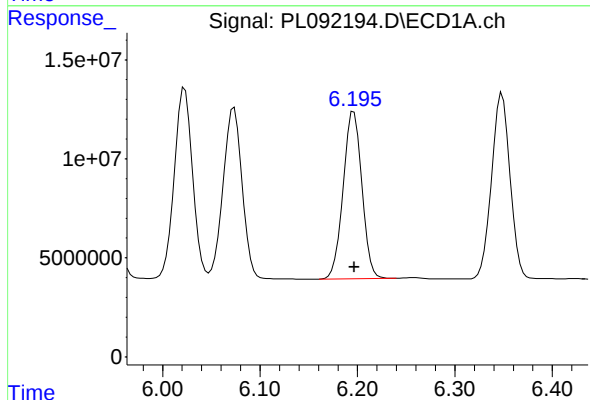
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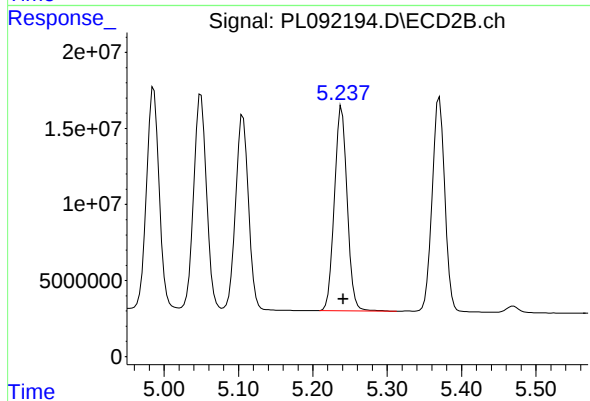
#11 alpha-Chlordane

R.T.: 5.050 min  
Delta R.T.: -0.002 min  
Response: 169620829  
Conc: 56.66 ng/ml



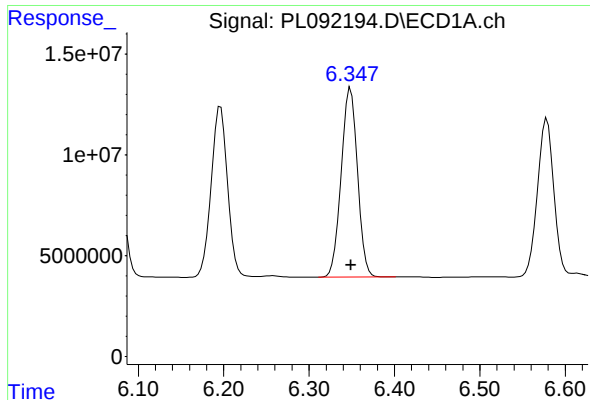
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 112663377  
Conc: 52.05 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min  
Delta R.T.: -0.002 min  
Response: 160490122  
Conc: 57.75 ng/ml



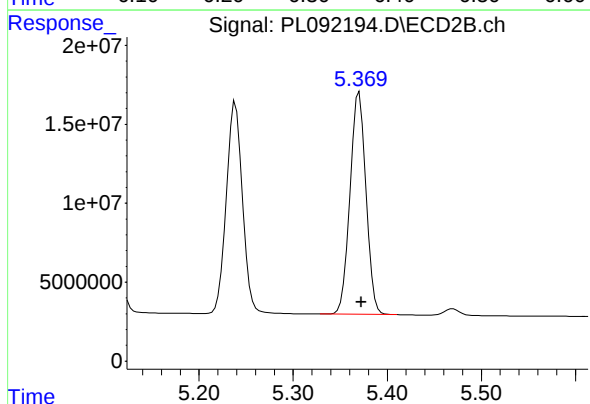
#13 Dieldrin

R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 124073432  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

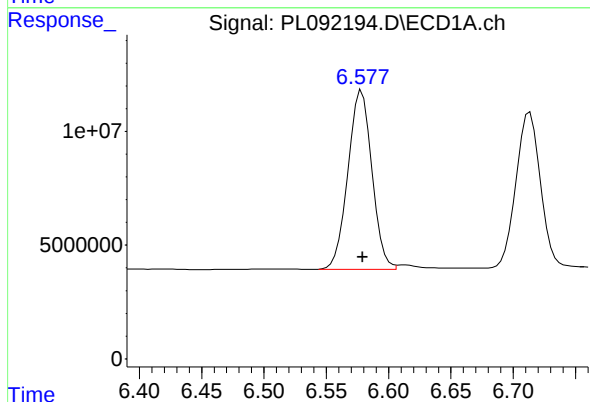
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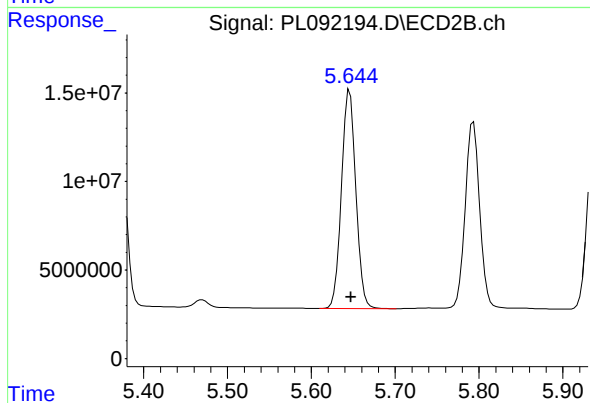
#13 Dieldrin

R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 165875549  
Conc: 56.58 ng/ml



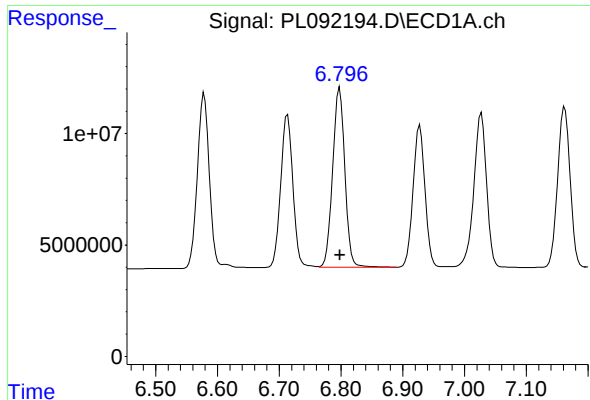
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.002 min  
Response: 105232275  
Conc: 51.07 ng/ml m



#14 Endrin

R.T.: 5.646 min  
Delta R.T.: -0.002 min  
Response: 146980144  
Conc: 56.05 ng/ml



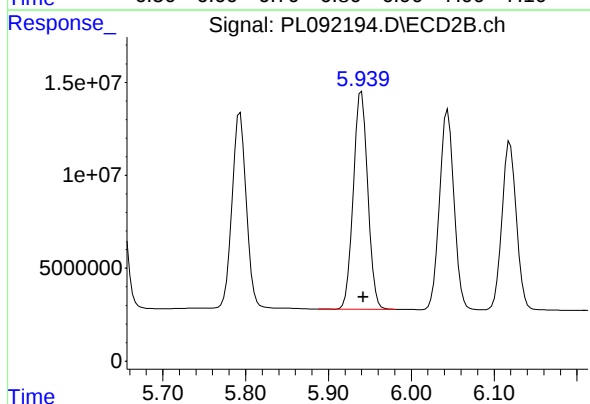
#15 Endosulfan II

R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 110223609  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

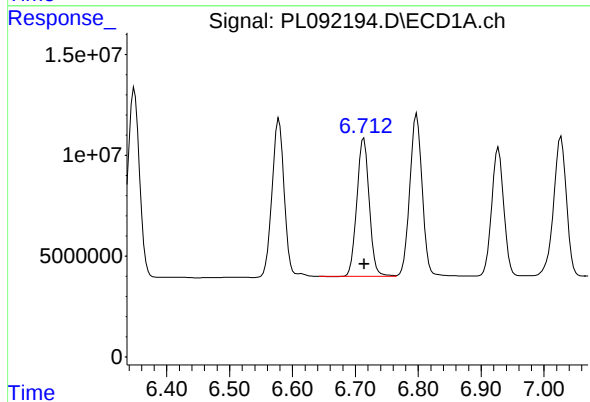
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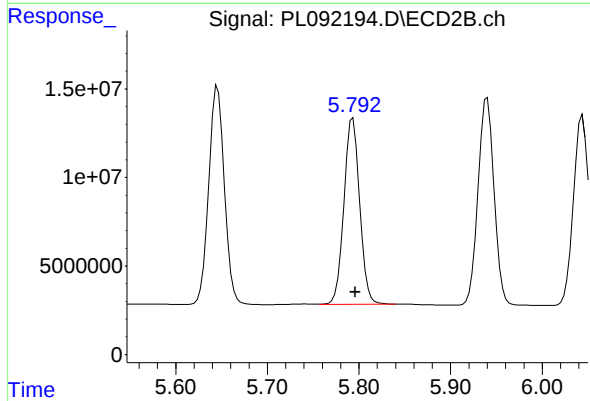
#15 Endosulfan II

R.T.: 5.940 min  
Delta R.T.: -0.002 min  
Response: 142027214  
Conc: 56.76 ng/ml



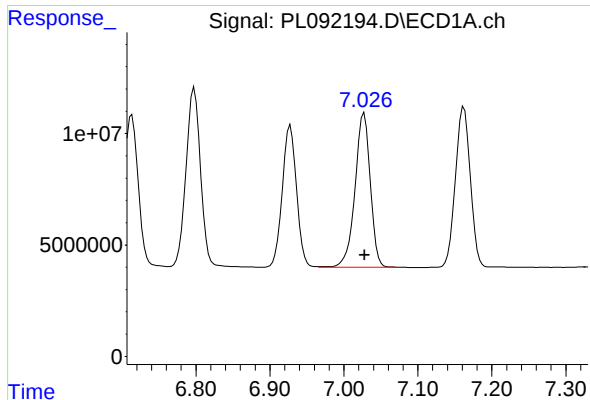
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 93791861  
Conc: 52.23 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min  
Delta R.T.: -0.002 min  
Response: 126332377  
Conc: 59.14 ng/ml



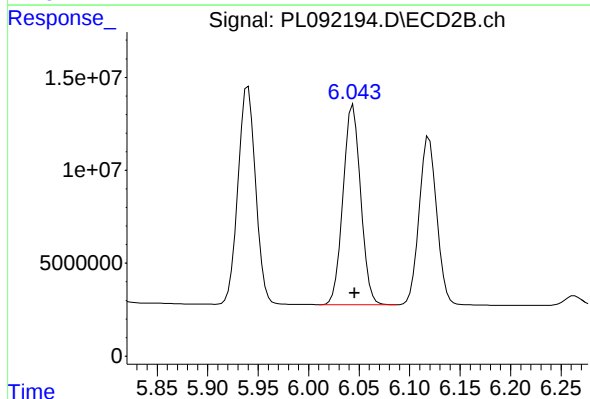
#17 4,4'-DDT

R.T.: 7.027 min  
Delta R.T.: 0.000 min  
Response: 98909658  
Conc: 53.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

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#17 4,4'-DDT

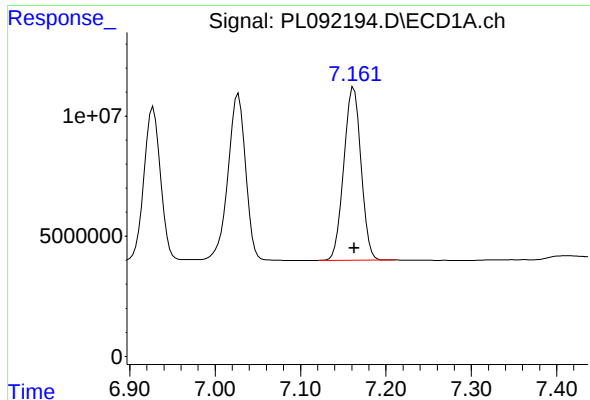
R.T.: 6.044 min  
Delta R.T.: -0.002 min  
Response: 130823318  
Conc: 56.56 ng/ml

#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 85272757  
Conc: 48.93 ng/ml

#18 Endrin aldehyde

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 109450614  
Conc: 53.63 ng/ml



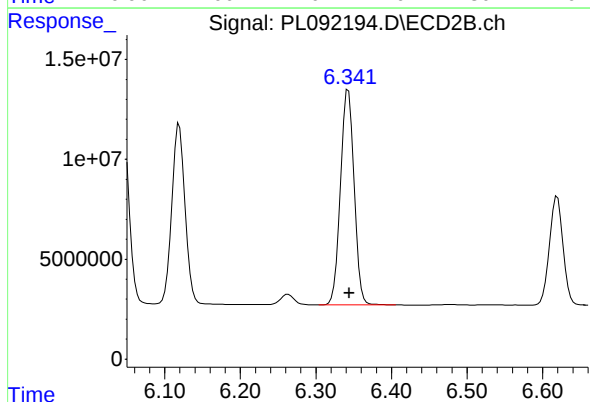
#19 Endosulfan Sulfate

R.T.: 7.162 min  
Delta R.T.: 0.000 min  
Response: 101020785  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

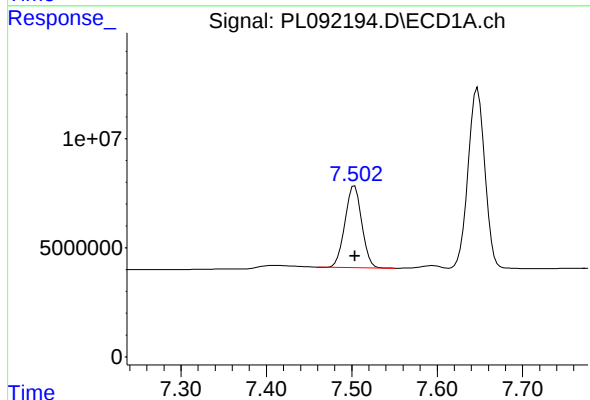
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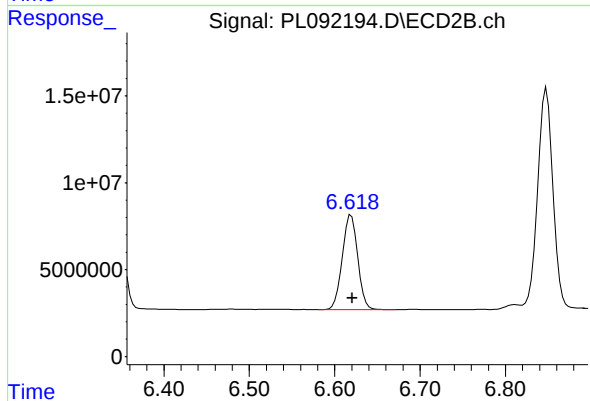
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: -0.001 min  
Response: 134831164  
Conc: 55.89 ng/ml



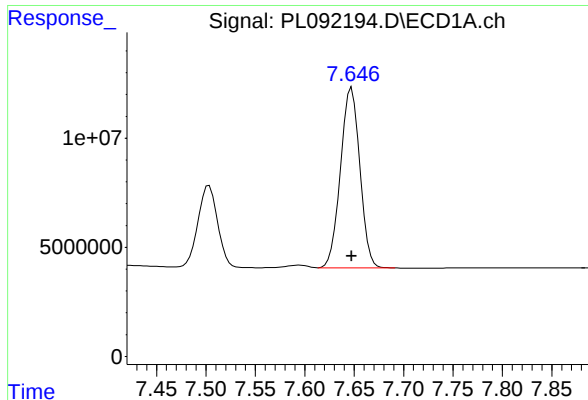
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.000 min  
Response: 51344175  
Conc: 52.30 ng/ml



#20 Methoxychlor

R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 68175714  
Conc: 54.53 ng/ml



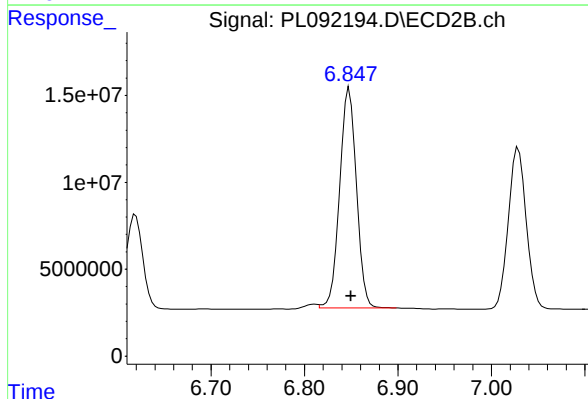
#21 Endrin ketone

R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 112283248  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

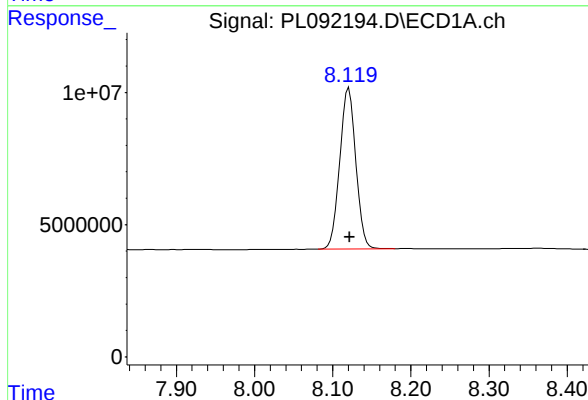
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/03/2024  
Supervised By :Ankita Jodhani 10/03/2024



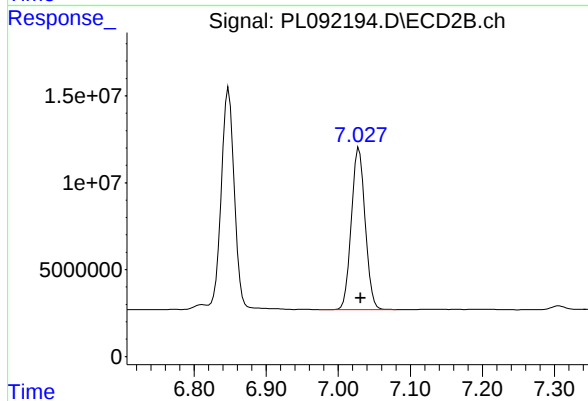
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: 158126371  
Conc: 57.11 ng/ml m



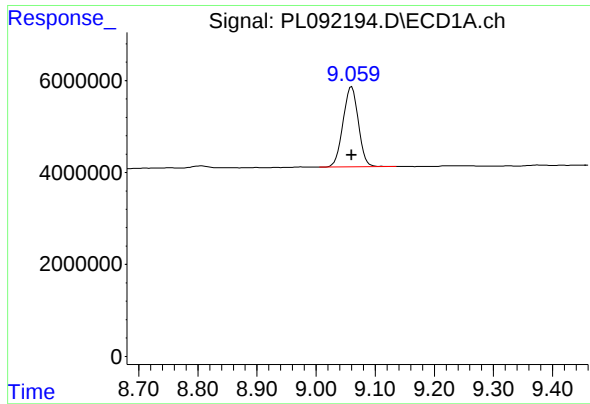
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 86913828  
Conc: 48.26 ng/ml



#22 Mirex

R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 123733038  
Conc: 50.86 ng/ml



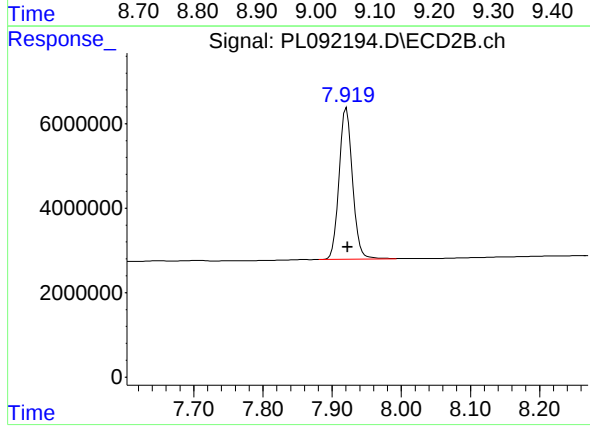
#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 31566132  
Conc: 19.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163841BSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/03/2024  
Supervised By :Ankita Jodhani 10/03/2024



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.002 min  
Response: 48192218  
Conc: 19.26 ng/ml