

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042922\  
 Data File : PL074462.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2022 20:01  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/30/2022  
 Supervised By : mohammad ahmed 05/02/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 01:01:04 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 14 09:29:23 2022  
 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...          | 4.634  | 5.489  | 17041794 | 88980310 | 52.743  | 49.906 |
| 28) SA Decachlor...         | 10.402 | 11.333 | 27743525 | 95855774 | 53.350m | 54.269 |
| Target Compounds            |        |        |          |          |         |        |
| 2) A alpha-BHC              | 5.341  | 6.052  | 22371537 | 129.2E6  | 53.308  | 51.317 |
| 3) MA gamma-BHC...          | 5.764  | 6.441  | 22449382 | 121.8E6  | 53.528  | 51.444 |
| 4) MA Heptachlor            | 6.175  | 7.101  | 24486707 | 133.1E6  | 54.360  | 51.040 |
| 5) MB Aldrin                | 6.500  | 7.468  | 22390757 | 121.6E6  | 53.947  | 51.757 |
| 6) B beta-BHC               | 6.145  | 6.679  | 10931696 | 56453003 | 53.501  | 50.091 |
| 7) B delta-BHC              | 6.407  | 6.946  | 22957552 | 124.0E6  | 55.497  | 50.764 |
| 8) B Heptachlo...           | 7.077  | 7.925  | 23239224 | 114.5E6  | 54.179  | 50.855 |
| 9) A Endosulfan I           | 7.480  | 8.325  | 22553604 | 104.3E6  | 54.993  | 52.973 |
| 10) B gamma-Chl...          | 7.354  | 8.193  | 23817445 | 114.7E6  | 54.305  | 51.415 |
| 11) B alpha-Chl...          | 7.424  | 8.276  | 24131122 | 112.6E6  | 54.623  | 52.298 |
| 12) B 4,4'-DDE              | 7.637  | 8.460  | 20548605 | 108.1E6  | 56.326m | 54.259 |
| 13) MA Dieldrin             | 7.766  | 8.611  | 22500253 | 105.9E6  | 52.378  | 52.792 |
| 14) MA Endrin               | 8.057  | 8.845  | 21829998 | 93121300 | 53.737  | 54.982 |
| 15) B Endosulfa...          | 8.368  | 9.069  | 21449656 | 86642975 | 52.042  | 49.874 |
| 16) A 4,4'-DDD              | 8.224  | 8.988  | 17999864 | 86693358 | 55.740  | 56.346 |
| 17) MA 4,4'-DDT             | 8.484  | 9.307  | 20377567 | 93337847 | 55.128  | 52.654 |
| 18) B Endrin al...          | 8.557  | 9.202  | 17205105 | 67983007 | 53.175  | 52.634 |
| 19) B Endosulfa...          | 8.788  | 9.440  | 22881400 | 87330479 | 53.584  | 52.472 |
| 20) A Methoxychlor          | 9.079  | 9.787  | 13121848 | 48613901 | 52.853  | 50.542 |
| 21) B Endrin ke...          | 9.307  | 9.929  | 26401492 | 92565108 | 54.040  | 53.477 |
| 22) Mirex                   | 9.493  | 10.406 | 24734653 | 72590866 | 53.033  | 52.701 |
| -----                       |        |        |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042922\  
 Data File : PL074462.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2022 20:01  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD\_L

ClientSampleId :

PSTDCCC050

Manual Integrations

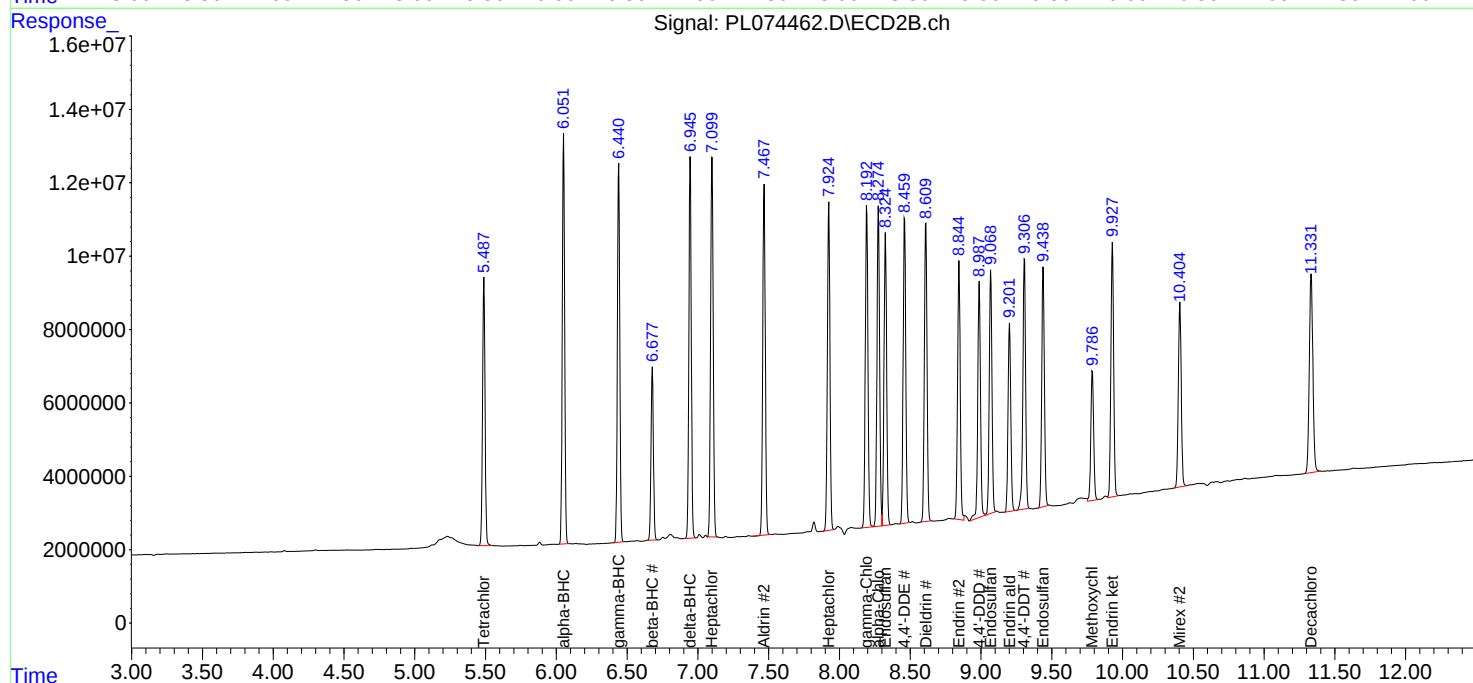
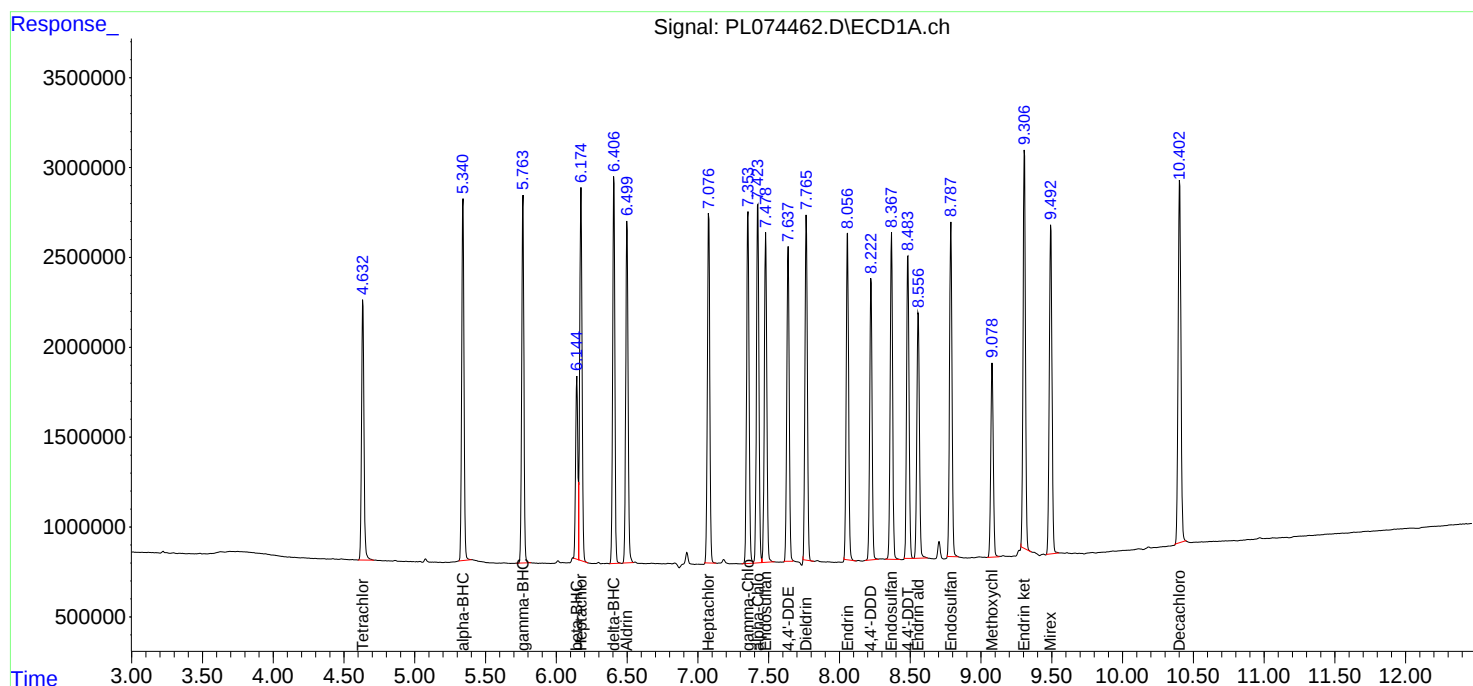
APPROVED

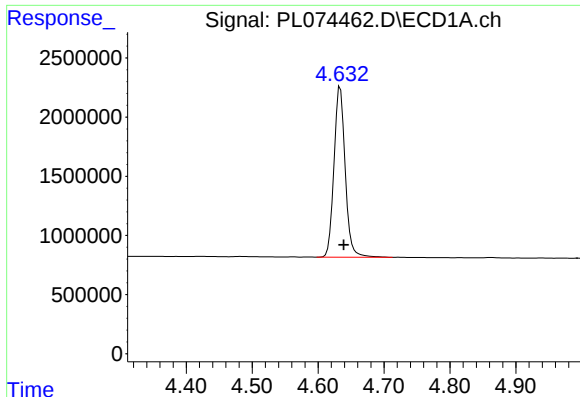
Reviewed By :Abdul Mirza 04/30/2022

Supervised By :mohammad ahmed 05/02/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 01:01:04 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 14 09:29:23 2022  
 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





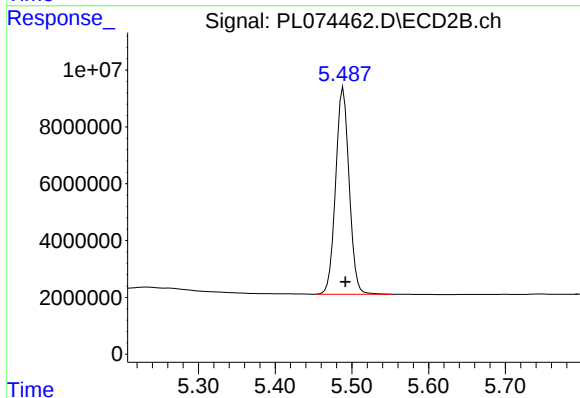
#1 Tetrachloro-m-xylene

R.T.: 4.634 min  
Delta R.T.: -0.005 min  
Response: 17041794  
Conc: 52.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

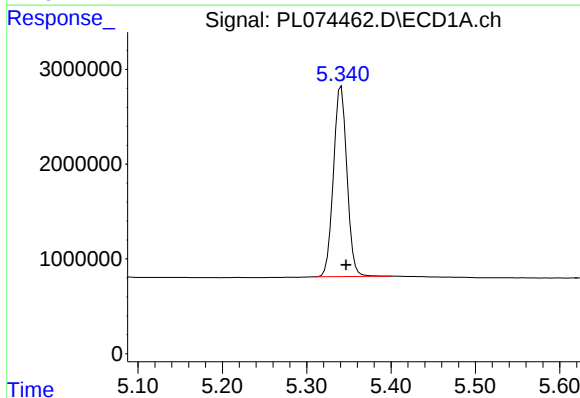
Manual Integrations  
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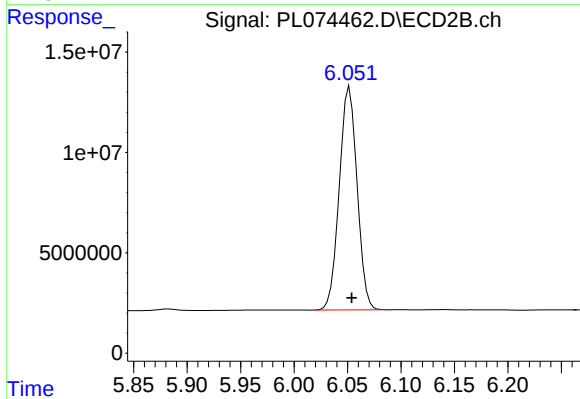
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.003 min  
Response: 88980310  
Conc: 49.91 ng/ml



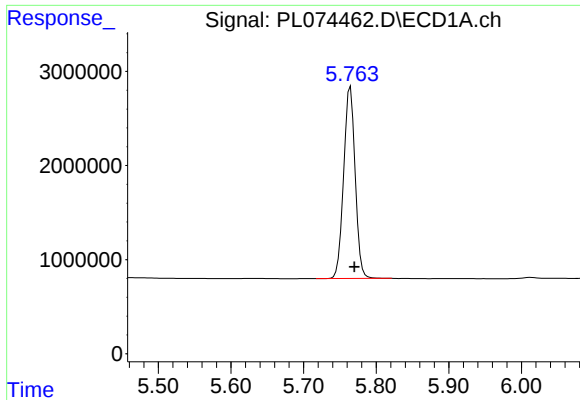
#2 alpha-BHC

R.T.: 5.341 min  
Delta R.T.: -0.006 min  
Response: 22371537  
Conc: 53.31 ng/ml



#2 alpha-BHC

R.T.: 6.052 min  
Delta R.T.: -0.002 min  
Response: 129220851  
Conc: 51.32 ng/ml



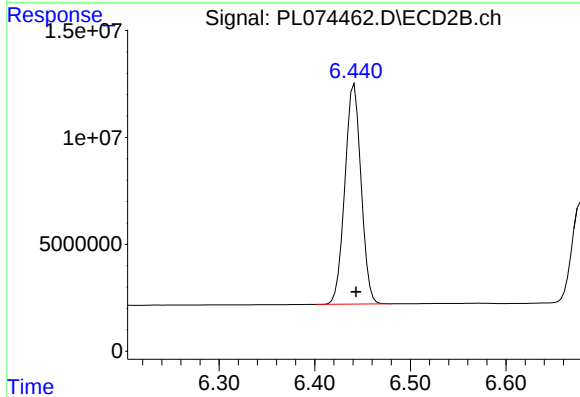
#3 gamma-BHC (Lindane)

R.T.: 5.764 min  
Delta R.T.: -0.006 min  
Response: 22449382  
Conc: 53.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

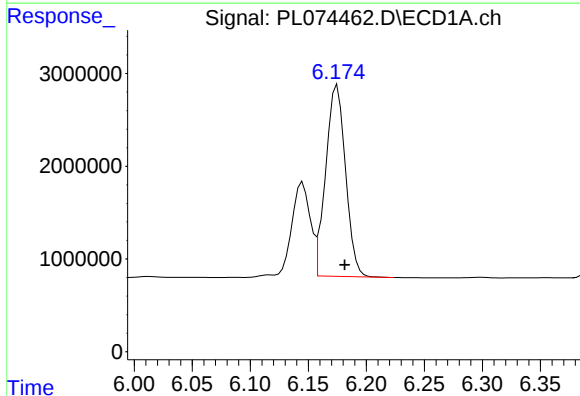
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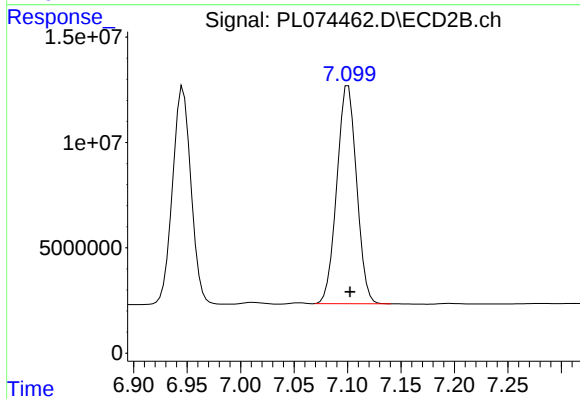
#3 gamma-BHC (Lindane)

R.T.: 6.441 min  
Delta R.T.: -0.002 min  
Response: 121774022  
Conc: 51.44 ng/ml



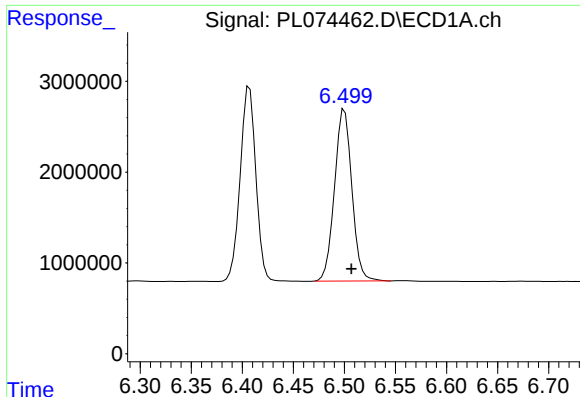
#4 Heptachlor

R.T.: 6.175 min  
Delta R.T.: -0.006 min  
Response: 24486707  
Conc: 54.36 ng/ml



#4 Heptachlor

R.T.: 7.101 min  
Delta R.T.: -0.002 min  
Response: 133133271  
Conc: 51.04 ng/ml



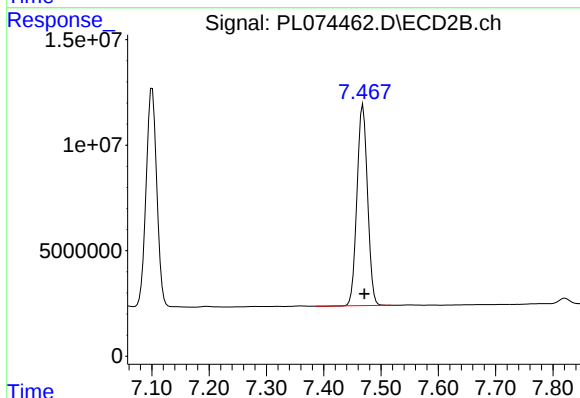
#5 Aldrin

R.T.: 6.500 min  
Delta R.T.: -0.007 min  
Response: 22390757  
Conc: 53.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

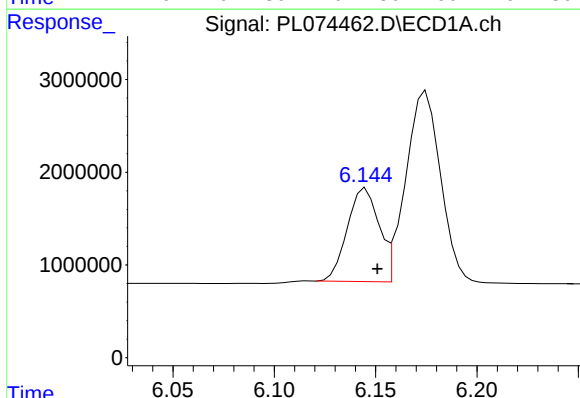
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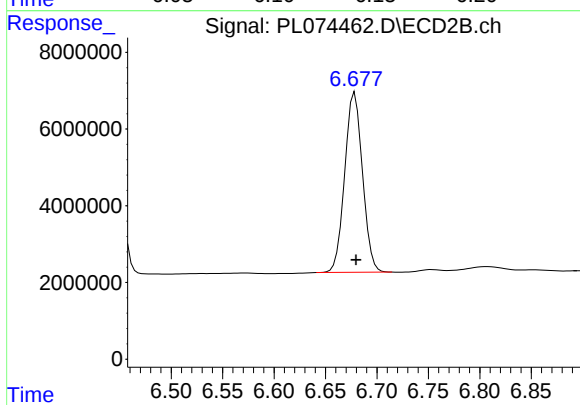
#5 Aldrin

R.T.: 7.468 min  
Delta R.T.: -0.002 min  
Response: 121556053  
Conc: 51.76 ng/ml



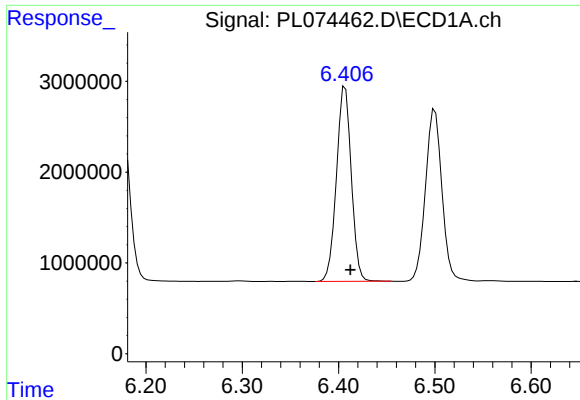
#6 beta-BHC

R.T.: 6.145 min  
Delta R.T.: -0.006 min  
Response: 10931696  
Conc: 53.50 ng/ml



#6 beta-BHC

R.T.: 6.679 min  
Delta R.T.: -0.001 min  
Response: 56453003  
Conc: 50.09 ng/ml



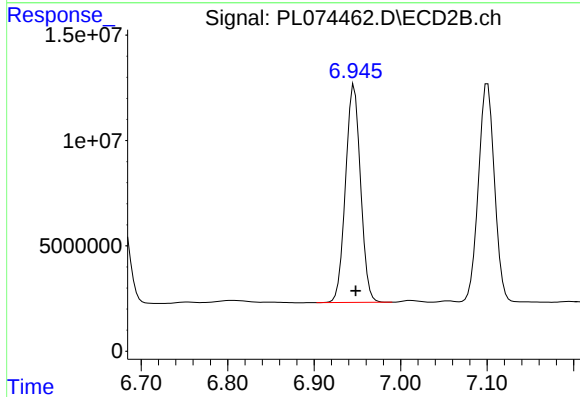
#7 delta-BHC

R.T.: 6.407 min  
Delta R.T.: -0.005 min  
Response: 22957552  
Conc: 55.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

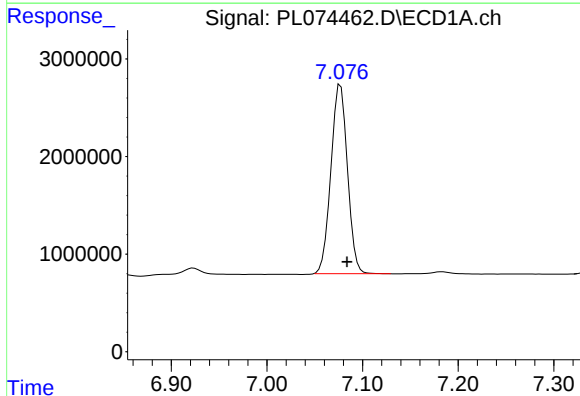
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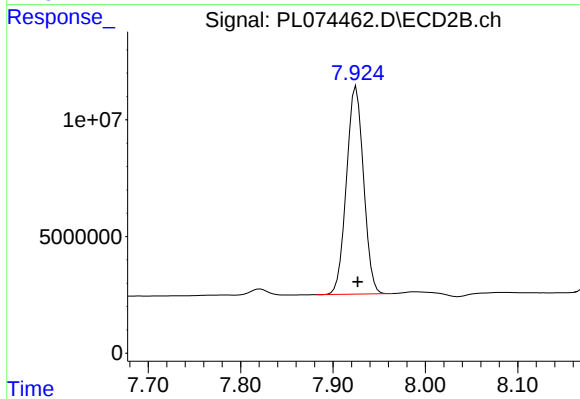
#7 delta-BHC

R.T.: 6.946 min  
Delta R.T.: -0.002 min  
Response: 123979308  
Conc: 50.76 ng/ml



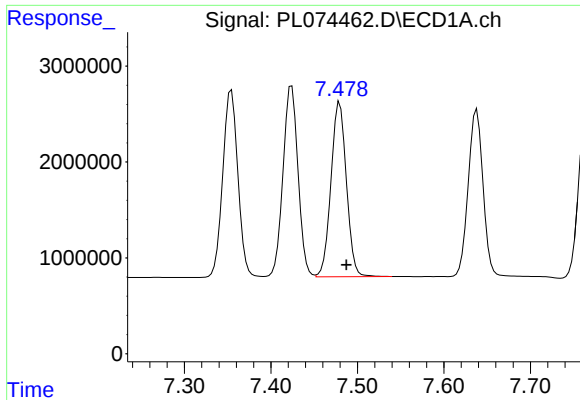
#8 Heptachlor epoxide

R.T.: 7.077 min  
Delta R.T.: -0.007 min  
Response: 23239224  
Conc: 54.18 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min  
Delta R.T.: -0.002 min  
Response: 114502581  
Conc: 50.85 ng/ml



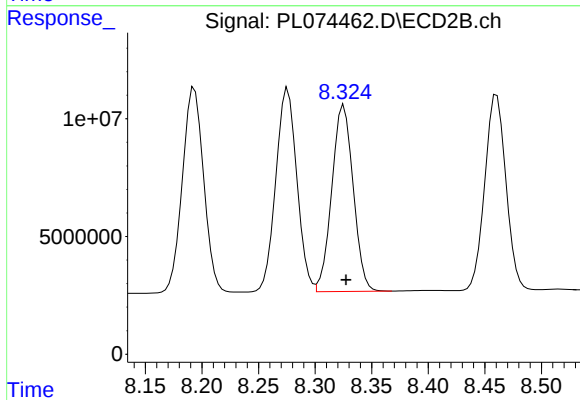
#9 Endosulfan I

R.T.: 7.480 min  
Delta R.T.: -0.008 min  
Response: 22553604  
Conc: 54.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

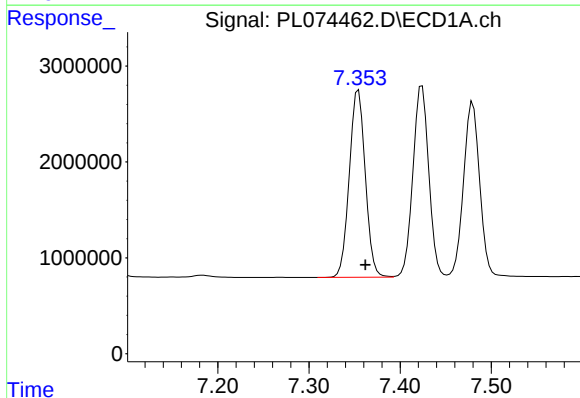
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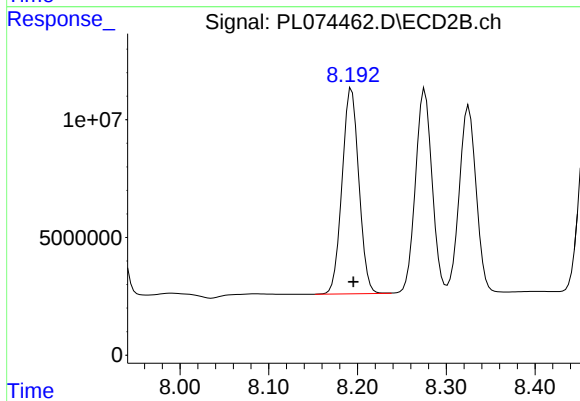
#9 Endosulfan I

R.T.: 8.325 min  
Delta R.T.: -0.002 min  
Response: 104286679  
Conc: 52.97 ng/ml



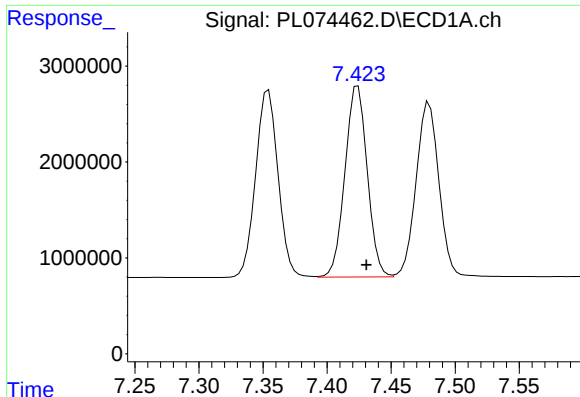
#10 gamma-Chlordane

R.T.: 7.354 min  
Delta R.T.: -0.008 min  
Response: 23817445  
Conc: 54.30 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min  
Delta R.T.: -0.002 min  
Response: 114673626  
Conc: 51.42 ng/ml



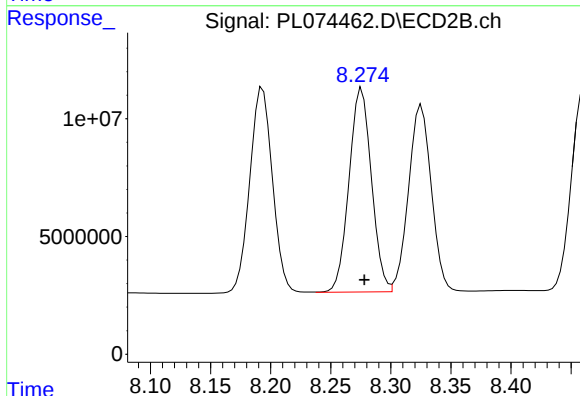
#11 alpha-Chlordane

R.T.: 7.424 min  
Delta R.T.: -0.007 min  
Response: 24131122  
Conc: 54.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

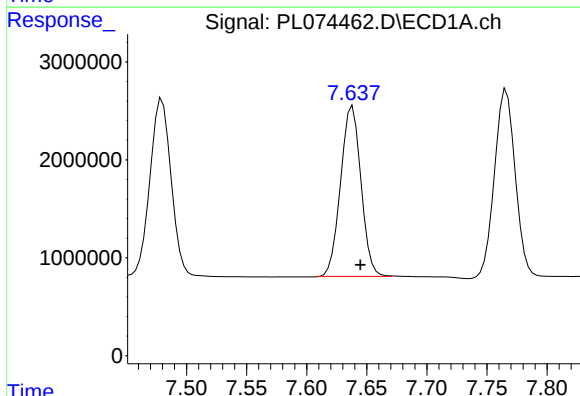
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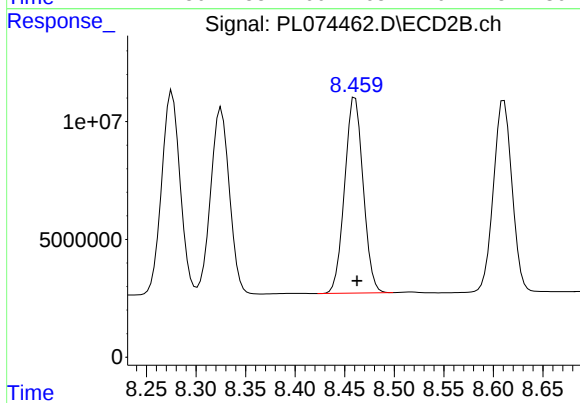
#11 alpha-Chlordane

R.T.: 8.276 min  
Delta R.T.: -0.002 min  
Response: 112575703  
Conc: 52.30 ng/ml



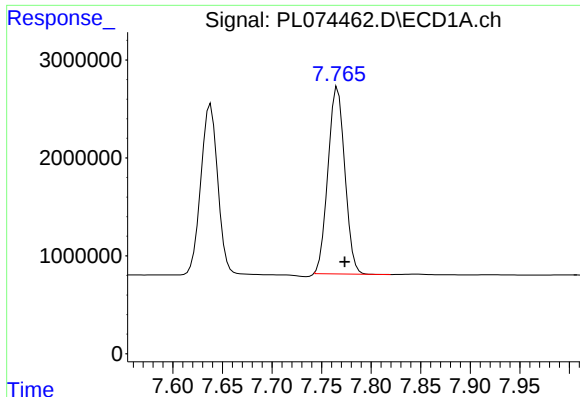
#12 4,4'-DDE

R.T.: 7.637 min  
Delta R.T.: -0.008 min  
Response: 20548605  
Conc: 56.33 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min  
Delta R.T.: -0.002 min  
Response: 108068552  
Conc: 54.26 ng/ml



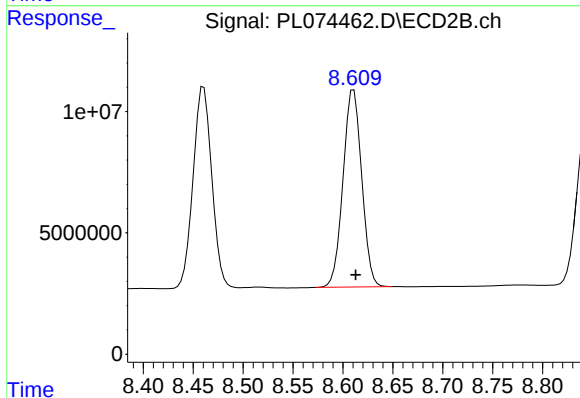
#13 Dieldrin

R.T.: 7.766 min  
Delta R.T.: -0.007 min  
Response: 22500253  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

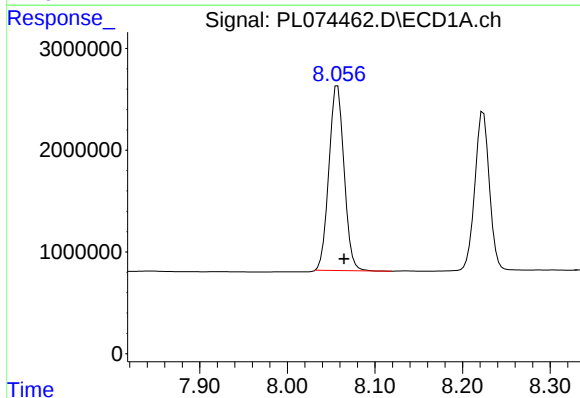
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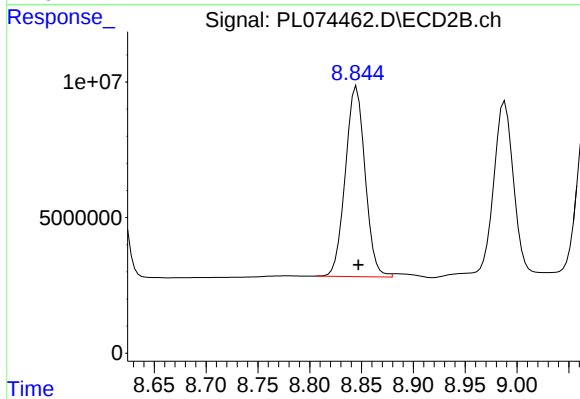
#13 Dieldrin

R.T.: 8.611 min  
Delta R.T.: -0.002 min  
Response: 105863259  
Conc: 52.79 ng/ml



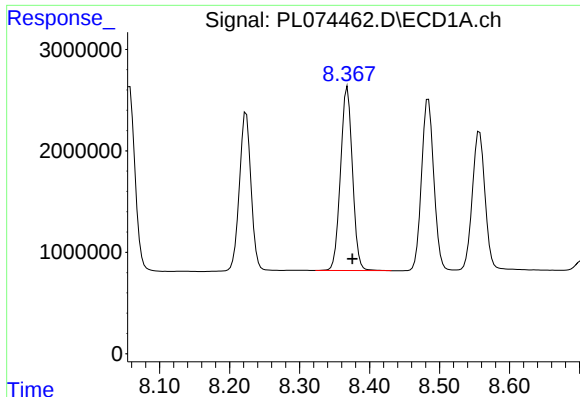
#14 Endrin

R.T.: 8.057 min  
Delta R.T.: -0.008 min  
Response: 21829998  
Conc: 53.74 ng/ml



#14 Endrin

R.T.: 8.845 min  
Delta R.T.: -0.002 min  
Response: 93121300  
Conc: 54.98 ng/ml



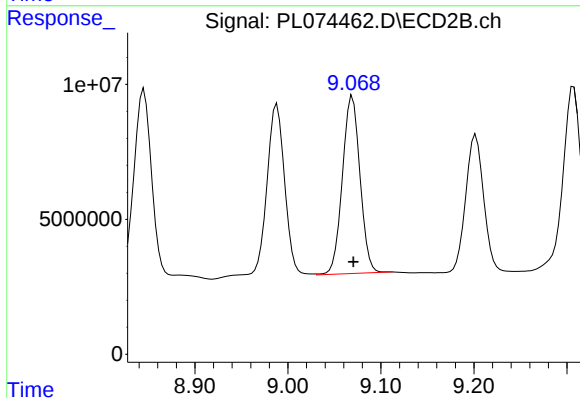
#15 Endosulfan II

R.T.: 8.368 min  
Delta R.T.: -0.007 min  
Response: 21449656  
Conc: 52.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

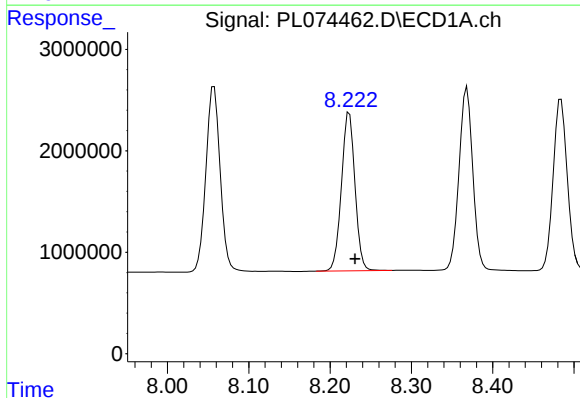
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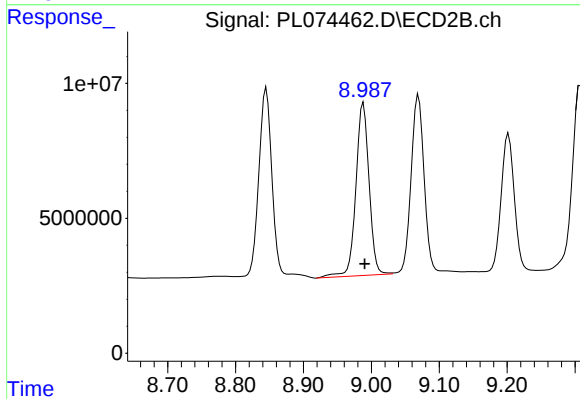
#15 Endosulfan II

R.T.: 9.069 min  
Delta R.T.: 0.000 min  
Response: 86642975  
Conc: 49.87 ng/ml



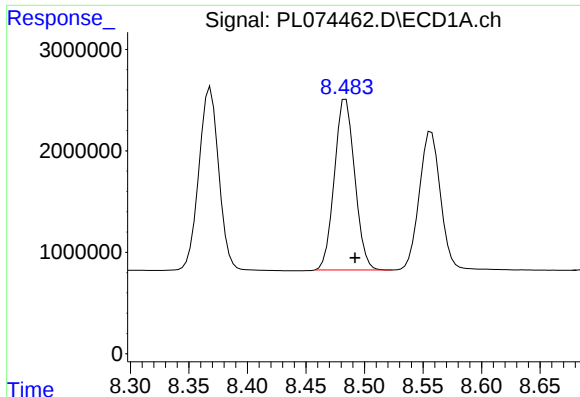
#16 4,4'-DDD

R.T.: 8.224 min  
Delta R.T.: -0.007 min  
Response: 17999864  
Conc: 55.74 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min  
Delta R.T.: -0.002 min  
Response: 86693358  
Conc: 56.35 ng/ml



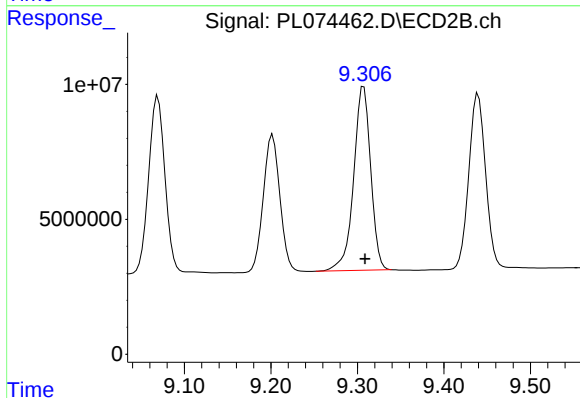
#17 4,4'-DDT

R.T.: 8.484 min  
Delta R.T.: -0.008 min  
Response: 20377567  
Conc: 55.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

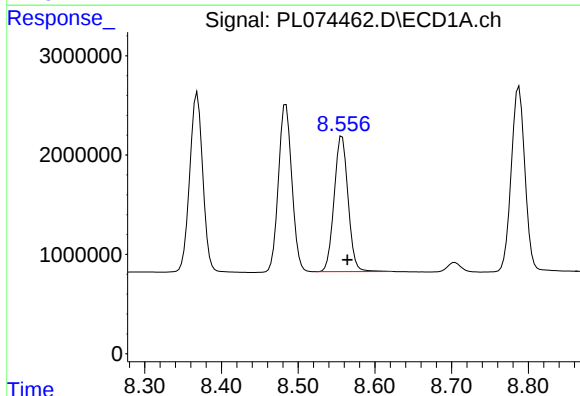
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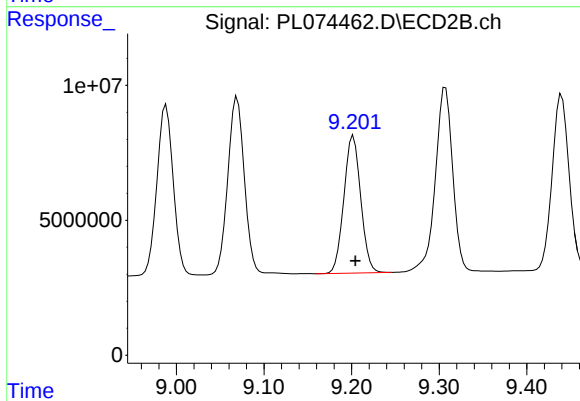
#17 4,4'-DDT

R.T.: 9.307 min  
Delta R.T.: -0.002 min  
Response: 93337847  
Conc: 52.65 ng/ml



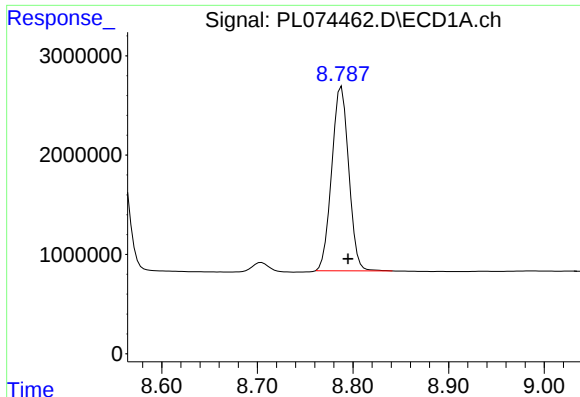
#18 Endrin aldehyde

R.T.: 8.557 min  
Delta R.T.: -0.007 min  
Response: 17205105  
Conc: 53.18 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min  
Delta R.T.: -0.002 min  
Response: 67983007  
Conc: 52.63 ng/ml



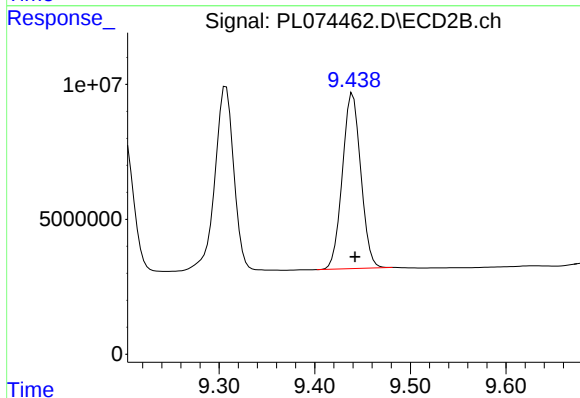
#19 Endosulfan Sulfate

R.T.: 8.788 min  
Delta R.T.: -0.007 min  
Response: 22881400  
Conc: 53.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

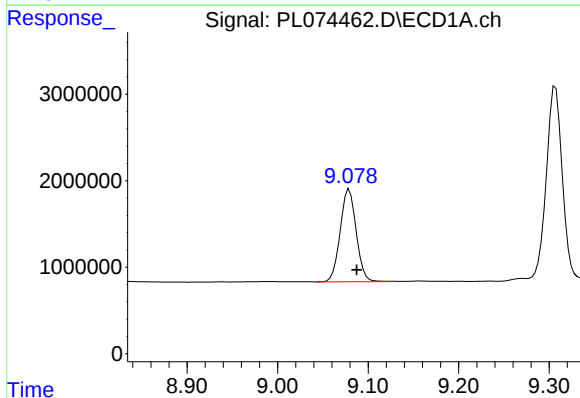
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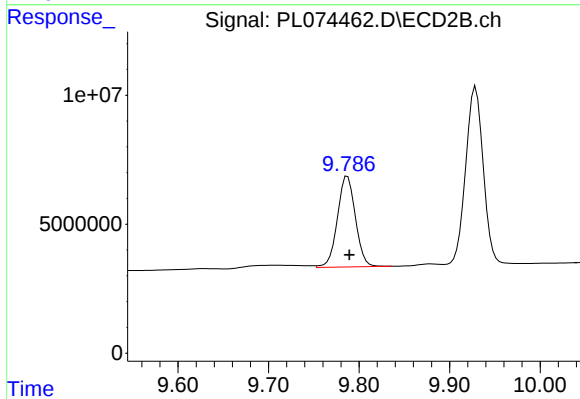
#19 Endosulfan Sulfate

R.T.: 9.440 min  
Delta R.T.: -0.003 min  
Response: 87330479  
Conc: 52.47 ng/ml



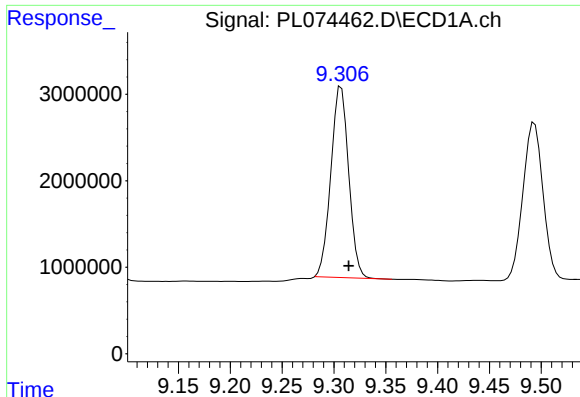
#20 Methoxychlor

R.T.: 9.079 min  
Delta R.T.: -0.008 min  
Response: 13121848  
Conc: 52.85 ng/ml



#20 Methoxychlor

R.T.: 9.787 min  
Delta R.T.: -0.002 min  
Response: 48613901  
Conc: 50.54 ng/ml



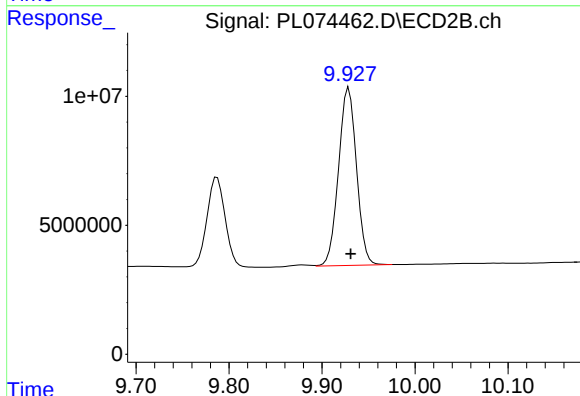
#21 Endrin ketone

R.T.: 9.307 min  
Delta R.T.: -0.007 min  
Response: 26401492  
Conc: 54.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

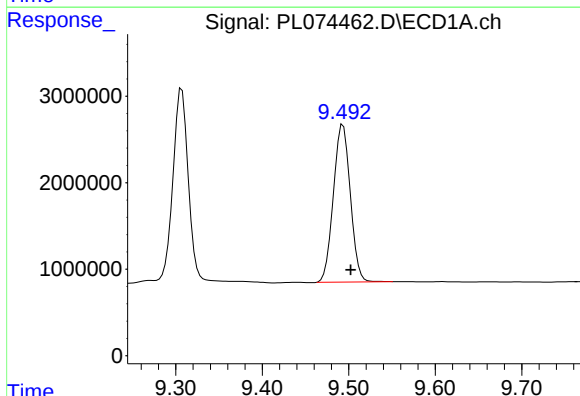
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/30/2022  
Supervised By :mohammad ahmed 05/02/2022



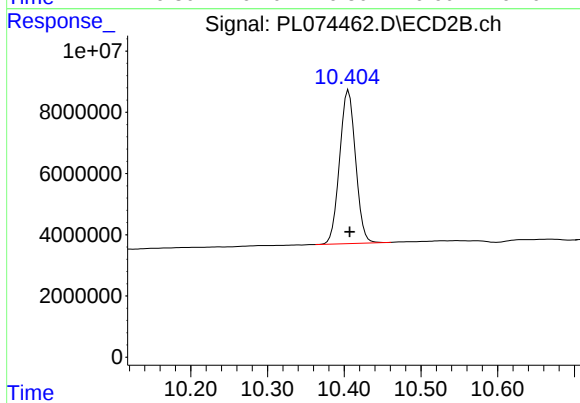
#21 Endrin ketone

R.T.: 9.929 min  
Delta R.T.: -0.002 min  
Response: 92565108  
Conc: 53.48 ng/ml



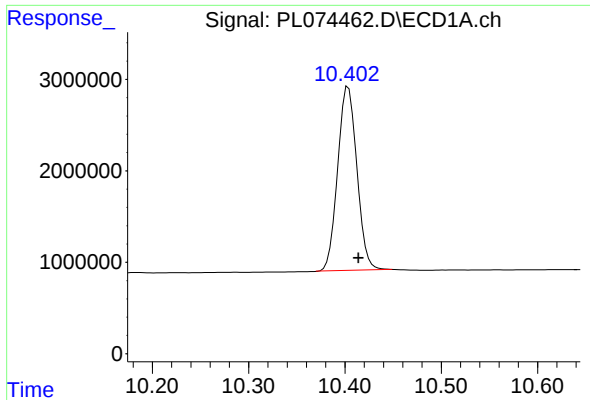
#22 Mirex

R.T.: 9.493 min  
Delta R.T.: -0.009 min  
Response: 24734653  
Conc: 53.03 ng/ml



#22 Mirex

R.T.: 10.406 min  
Delta R.T.: -0.002 min  
Response: 72590866  
Conc: 52.70 ng/ml



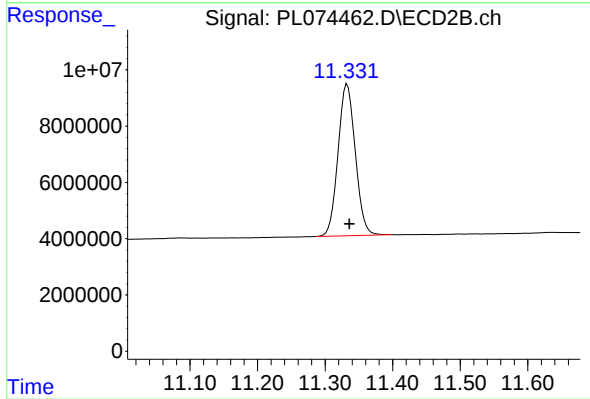
#28 Decachlorobiphenyl

R.T.: 10.402 min  
Delta R.T.: -0.012 min  
Response: 27743525  
Conc: 53.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/30/2022  
Supervised By :mohammad ahmed 05/02/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min  
Delta R.T.: -0.003 min  
Response: 95855774  
Conc: 54.27 ng/ml