

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111522\  
 Data File : PL079115.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2022 12:25  
 Operator : AR\AJ  
 Sample : N5608-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 NP-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/16/2022  
 Supervised By :Ankita Jodhani 11/16/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 15 20:25:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 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... | 3.323 | 2.567 | 39803003 | 49199334 | 20.872 | 19.270  |
| 28)                         | SA Decachlor... | 8.771 | 7.635 | 30003450 | 36288860 | 19.944 | 19.159  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.784 | 3.054 | 164.2E6  | 190.1E6  | 57.168 | 48.149  |
| 3)                          | MA gamma-BHC... | 4.117 | 3.374 | 150.4E6  | 175.0E6  | 56.299 | 48.686  |
| 4)                          | MA Heptachlor   | 4.687 | 3.701 | 150.8E6  | 167.3E6  | 58.096 | 48.247  |
| 5)                          | MB Aldrin       | 5.025 | 3.973 | 149.3E6  | 176.9E6  | 60.283 | 50.513  |
| 6)                          | B beta-BHC      | 4.332 | 3.675 | 63905649 | 66534027 | 55.475 | 46.370  |
| 7)                          | B delta-BHC     | 4.572 | 3.894 | 138.0E6  | 177.1E6  | 60.608 | 48.631  |
| 8)                          | B Heptachlo...  | 5.458 | 4.469 | 133.4E6  | 148.9E6  | 62.823 | 49.401  |
| 9)                          | A Endosulfan I  | 5.842 | 4.832 | 120.7E6  | 139.0E6  | 56.594 | 48.560  |
| 10)                         | B gamma-Chl...  | 5.713 | 4.717 | 133.5E6  | 150.7E6  | 59.135 | 49.192  |
| 11)                         | B alpha-Chl...  | 5.790 | 4.779 | 132.4E6  | 147.2E6  | 57.242 | 49.375  |
| 12)                         | B 4,4'-DDE      | 5.973 | 4.973 | 115.9E6  | 138.7E6  | 57.921 | 50.946m |
| 13)                         | MA Dieldrin     | 6.119 | 5.092 | 126.5E6  | 153.7E6  | 58.646 | 51.856m |
| 14)                         | MA Endrin       | 6.350 | 5.365 | 107.4E6  | 136.5E6  | 56.580 | 52.385  |
| 15)                         | B Endosulfa...  | 6.580 | 5.661 | 104.0E6  | 127.4E6  | 55.429 | 55.971  |
| 16)                         | A 4,4'-DDD      | 6.498 | 5.524 | 98211297 | 119.9E6  | 58.914 | 54.607m |
| 17)                         | MA 4,4'-DDT     | 6.808 | 5.770 | 85687563 | 105.2E6  | 47.808 | 48.506m |
| 18)                         | B Endrin al...  | 6.711 | 5.838 | 85958563 | 101.1E6  | 59.076 | 53.852m |
| 19)                         | B Endosulfa...  | 6.944 | 6.062 | 102.3E6  | 134.2E6  | 55.602 | 56.393  |
| 20)                         | A Methoxychlor  | 7.292 | 6.349 | 47103131 | 55906302 | 51.150 | 49.265  |
| 21)                         | B Endrin ke...  | 7.430 | 6.558 | 105.2E6  | 134.3E6  | 55.910 | 51.965  |
| 22)                         | Mirex           | 7.886 | 6.730 | 80881241 | 97079750 | 55.405 | 49.330  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111522\  
Data File : PL079115.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Nov 2022 12:25  
Operator : AR\AJ  
Sample : N5608-01MSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

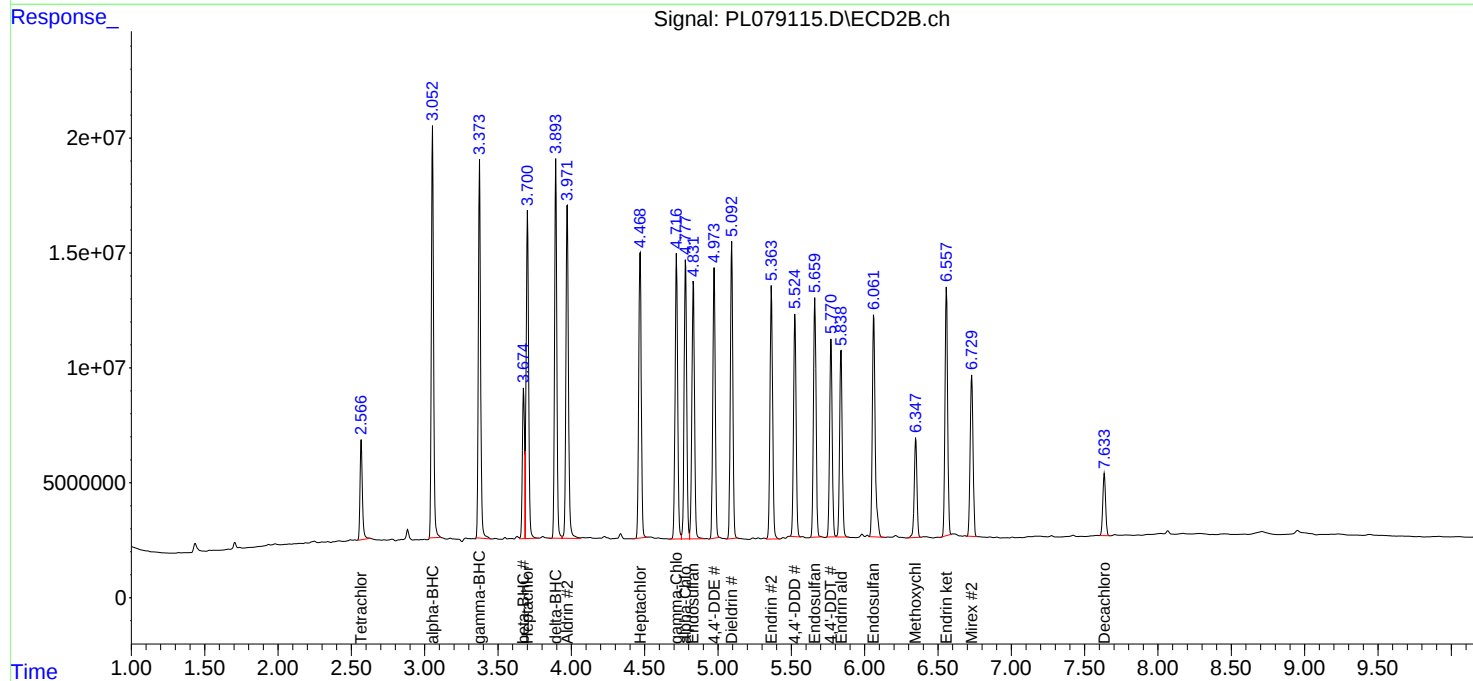
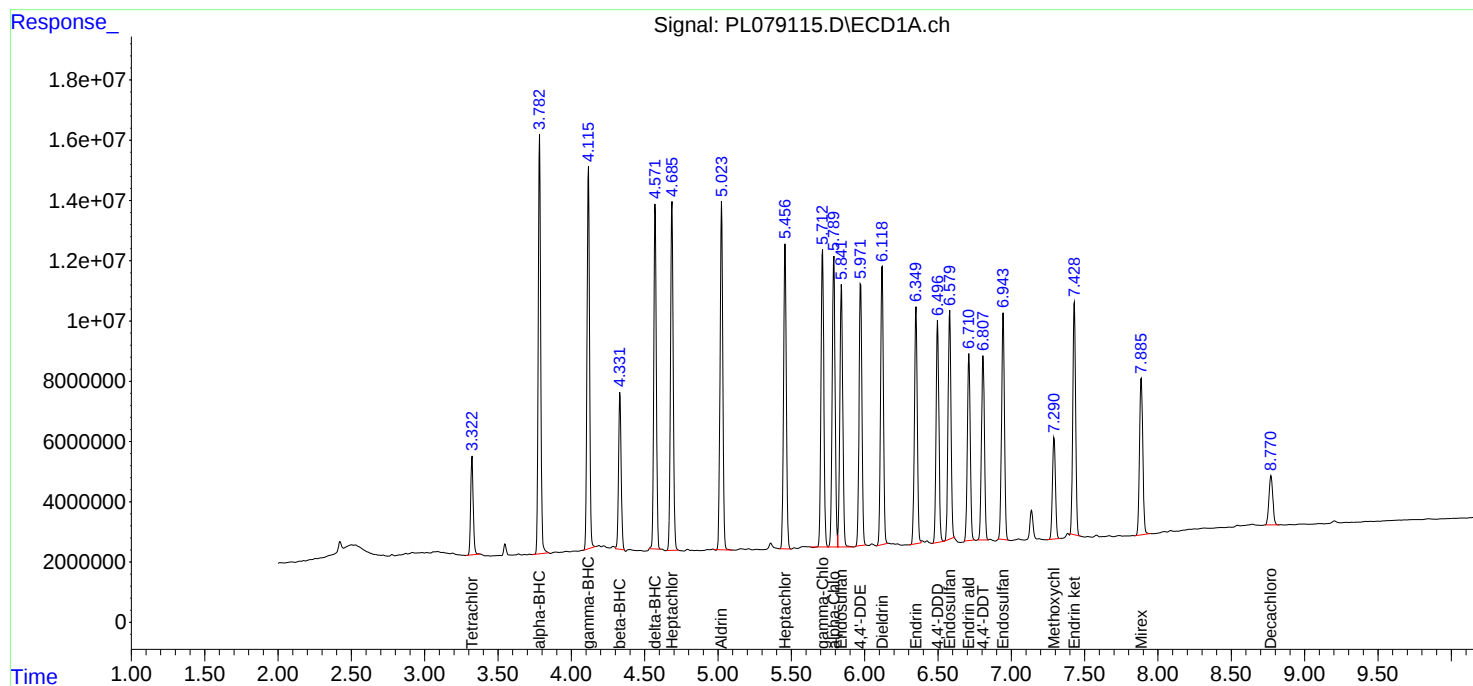
Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

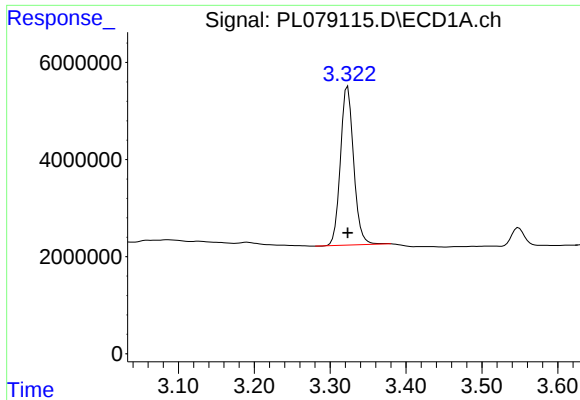
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 20:25:06 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 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





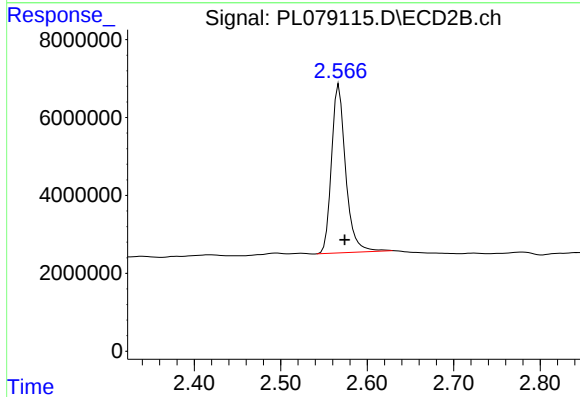
#1 Tetrachloro-m-xylene

R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 39803003  
Conc: 20.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

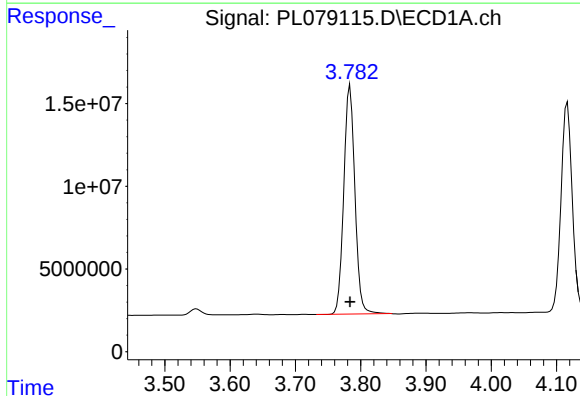
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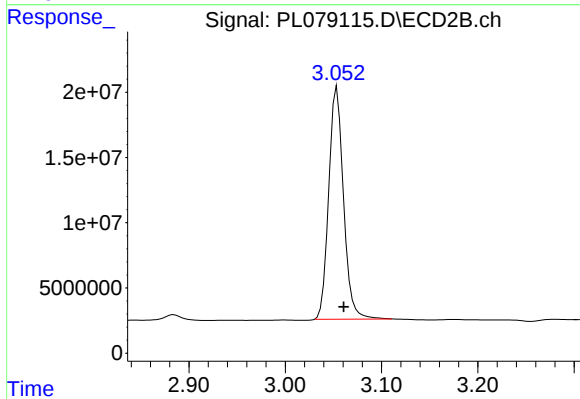
#1 Tetrachloro-m-xylene

R.T.: 2.567 min  
Delta R.T.: -0.006 min  
Response: 49199334  
Conc: 19.27 ng/ml



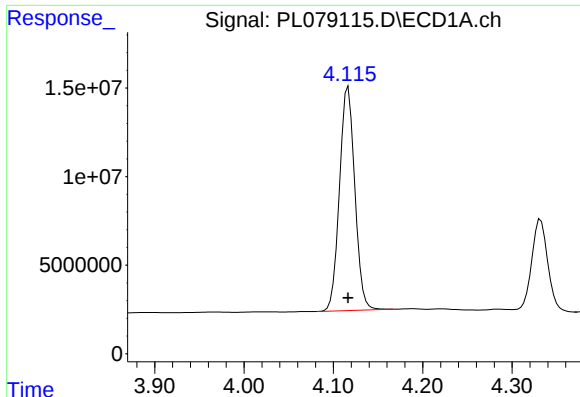
#2 alpha-BHC

R.T.: 3.784 min  
Delta R.T.: 0.000 min  
Response: 164151118  
Conc: 57.17 ng/ml



#2 alpha-BHC

R.T.: 3.054 min  
Delta R.T.: -0.007 min  
Response: 190140811  
Conc: 48.15 ng/ml



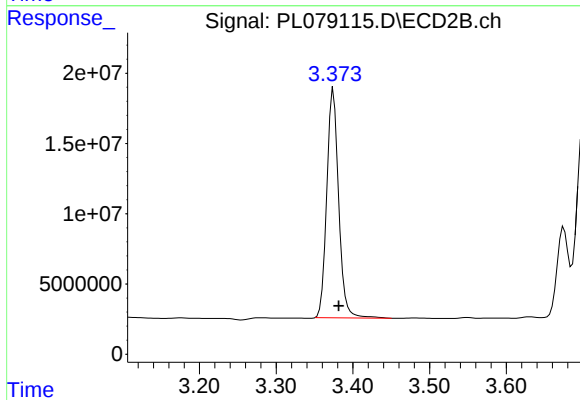
#3 gamma-BHC (Lindane)

R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 150414871  
Conc: 56.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

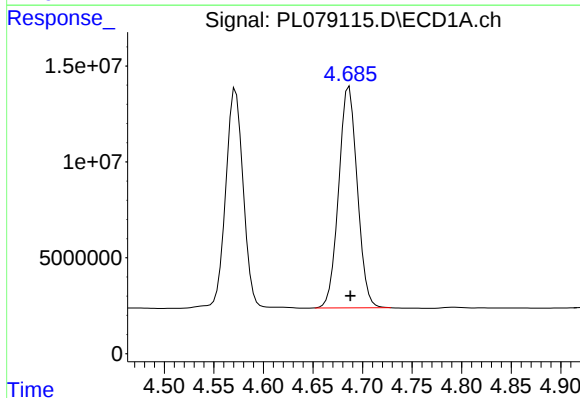
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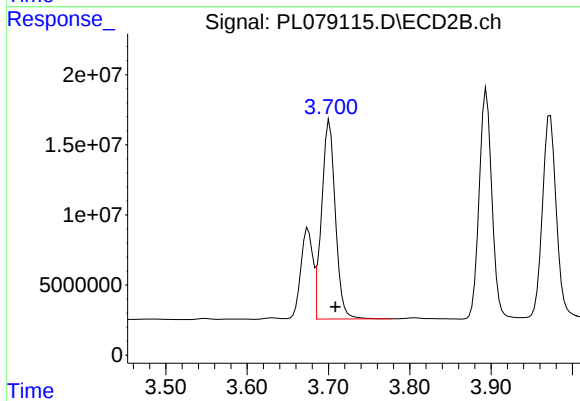
#3 gamma-BHC (Lindane)

R.T.: 3.374 min  
Delta R.T.: -0.007 min  
Response: 174985096  
Conc: 48.69 ng/ml



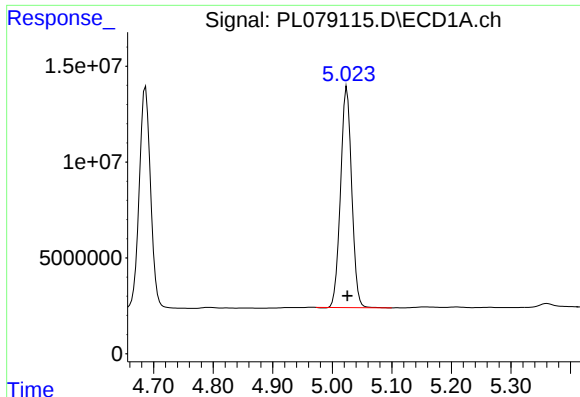
#4 Heptachlor

R.T.: 4.687 min  
Delta R.T.: -0.001 min  
Response: 150816966  
Conc: 58.10 ng/ml



#4 Heptachlor

R.T.: 3.701 min  
Delta R.T.: -0.007 min  
Response: 167311722  
Conc: 48.25 ng/ml



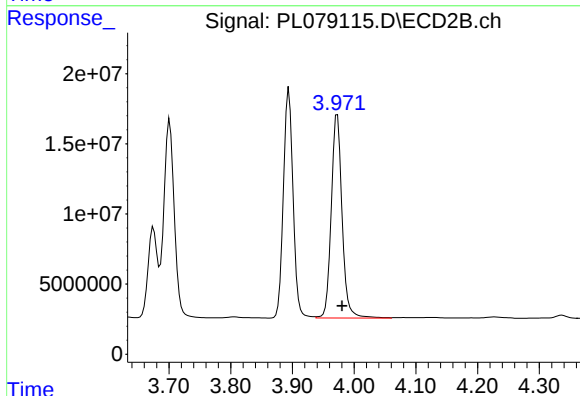
#5 Aldrin

R.T.: 5.025 min  
Delta R.T.: 0.000 min  
Response: 149302640  
Conc: 60.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

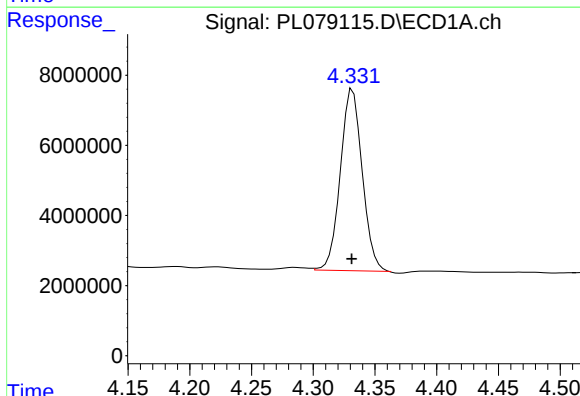
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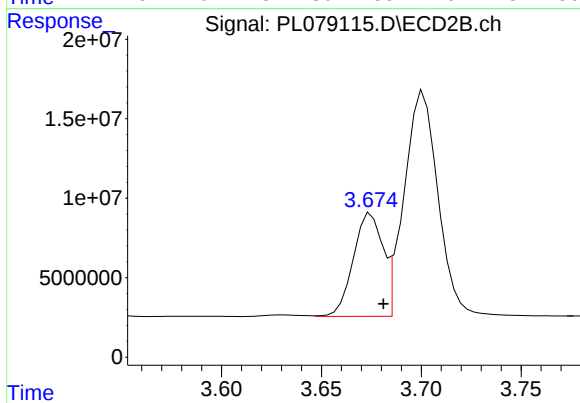
#5 Aldrin

R.T.: 3.973 min  
Delta R.T.: -0.008 min  
Response: 176882367  
Conc: 50.51 ng/ml



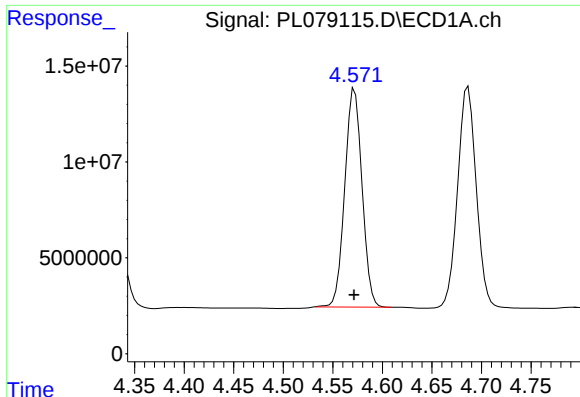
#6 beta-BHC

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 63905649  
Conc: 55.48 ng/ml



#6 beta-BHC

R.T.: 3.675 min  
Delta R.T.: -0.006 min  
Response: 66534027  
Conc: 46.37 ng/ml



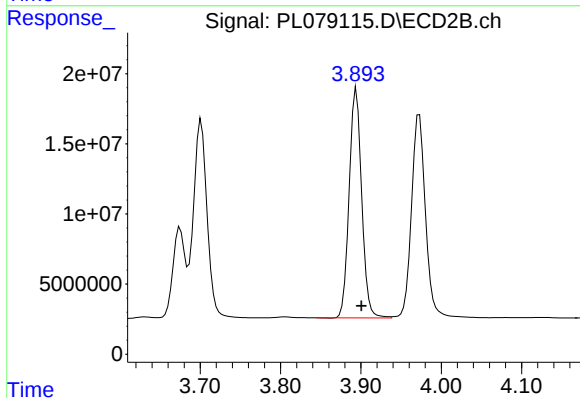
#7 delta-BHC

R.T.: 4.572 min  
Delta R.T.: 0.000 min  
Response: 137996314  
Conc: 60.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

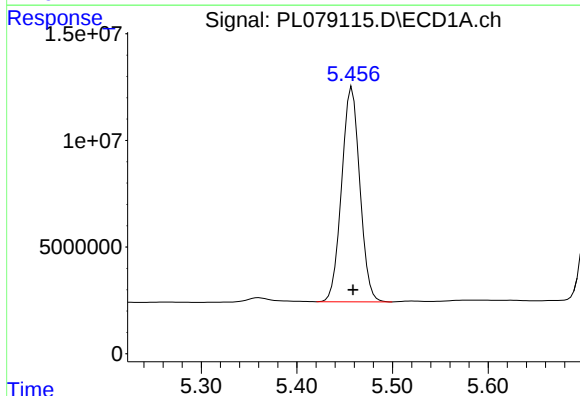
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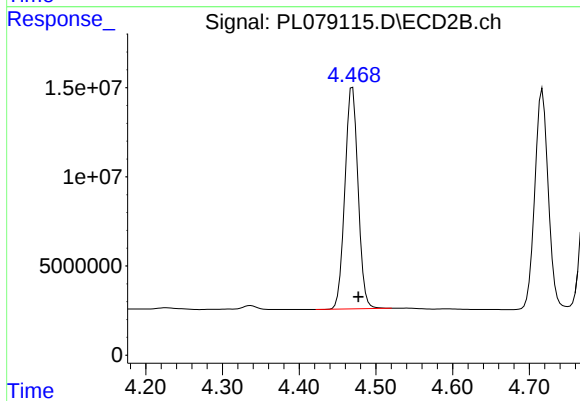
#7 delta-BHC

R.T.: 3.894 min  
Delta R.T.: -0.006 min  
Response: 177079724  
Conc: 48.63 ng/ml



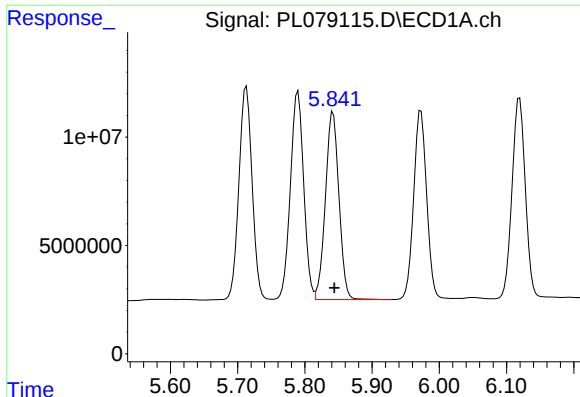
#8 Heptachlor epoxide

R.T.: 5.458 min  
Delta R.T.: -0.001 min  
Response: 133373253  
Conc: 62.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.469 min  
Delta R.T.: -0.008 min  
Response: 148857064  
Conc: 49.40 ng/ml



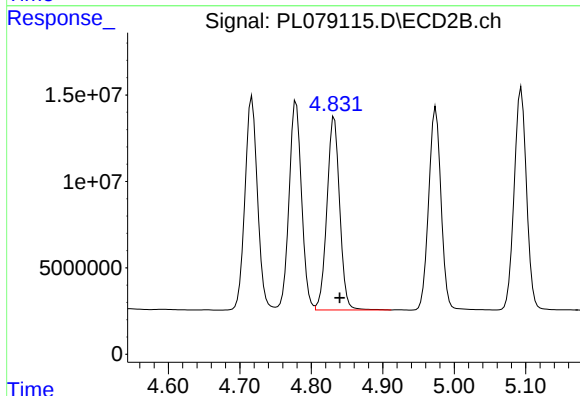
#9 Endosulfan I

R.T.: 5.842 min  
Delta R.T.: -0.002 min  
Response: 120747704  
Conc: 56.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

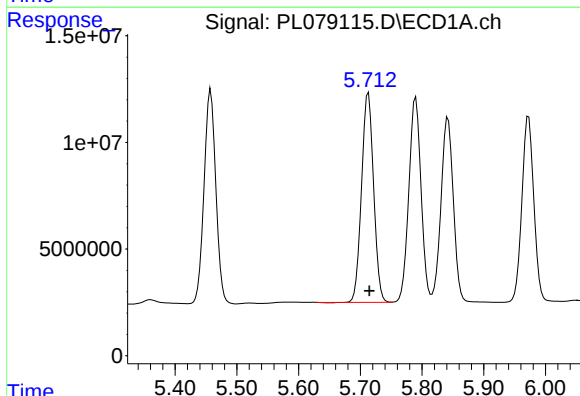
Manual Integrations  
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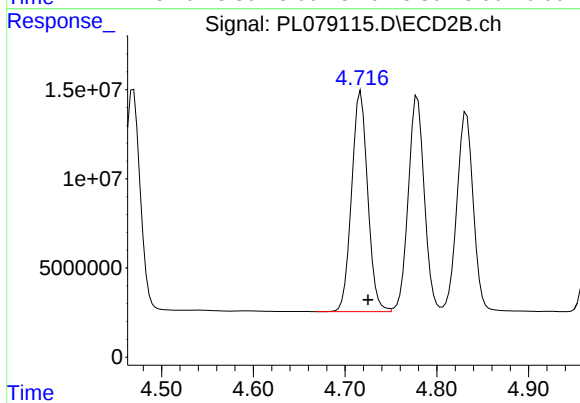
#9 Endosulfan I

R.T.: 4.832 min  
Delta R.T.: -0.007 min  
Response: 139010279  
Conc: 48.56 ng/ml



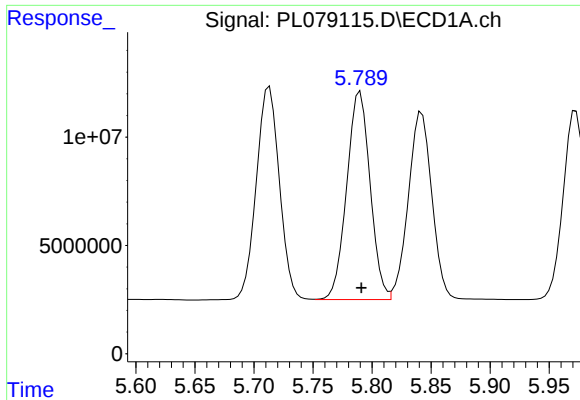
#10 gamma-Chlordane

R.T.: 5.713 min  
Delta R.T.: -0.001 min  
Response: 133476002  
Conc: 59.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.717 min  
Delta R.T.: -0.008 min  
Response: 150746029  
Conc: 49.19 ng/ml



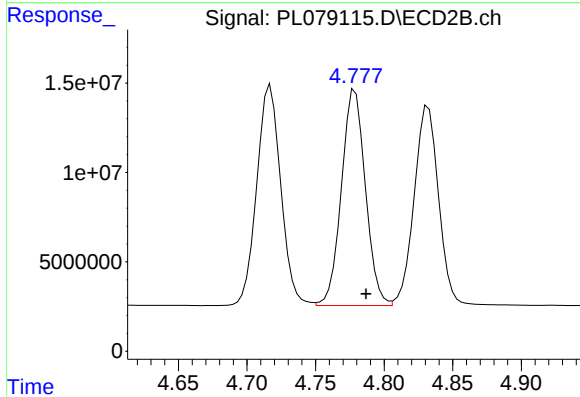
#11 alpha-Chlordane

R.T.: 5.790 min  
Delta R.T.: -0.001 min  
Response: 132446059  
Conc: 57.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

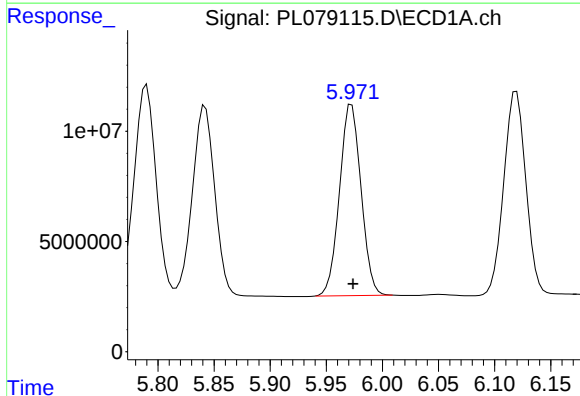
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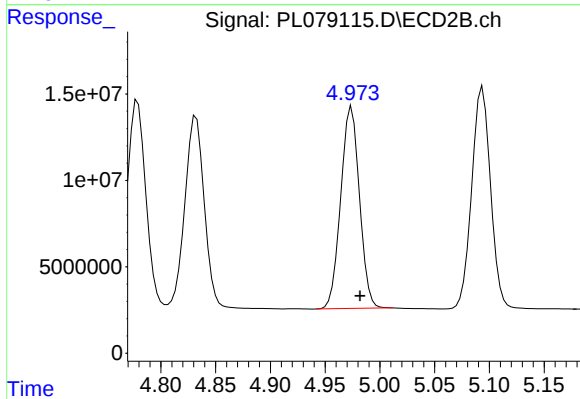
#11 alpha-Chlordane

R.T.: 4.779 min  
Delta R.T.: -0.008 min  
Response: 147156870  
Conc: 49.37 ng/ml



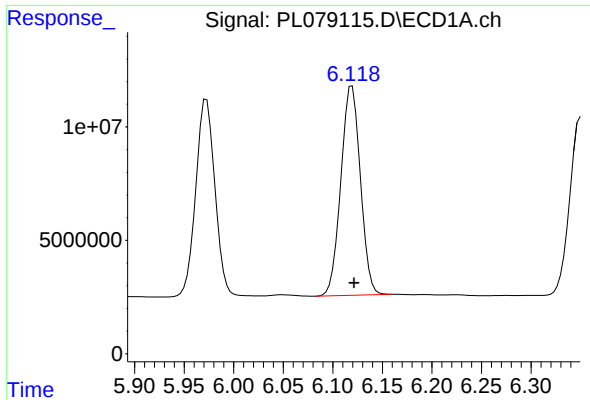
#12 4,4'-DDE

R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 115921234  
Conc: 57.92 ng/ml



#12 4,4'-DDE

R.T.: 4.973 min  
Delta R.T.: -0.009 min  
Response: 138703210  
Conc: 50.95 ng/ml m



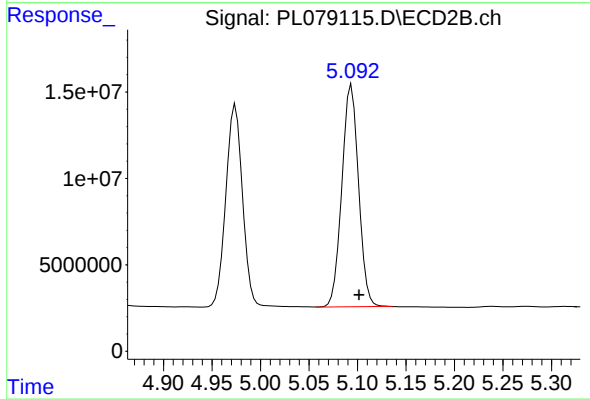
#13 Dieldrin

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 126471470  
Conc: 58.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

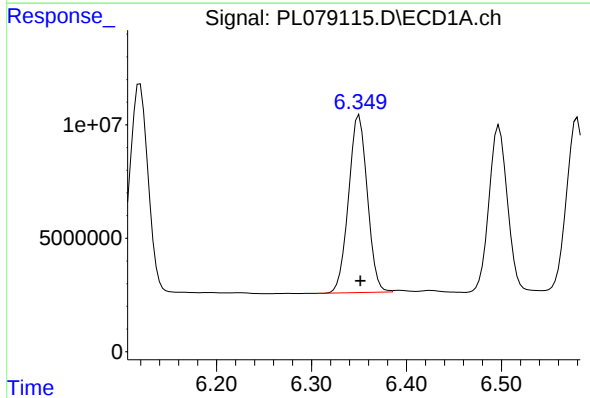
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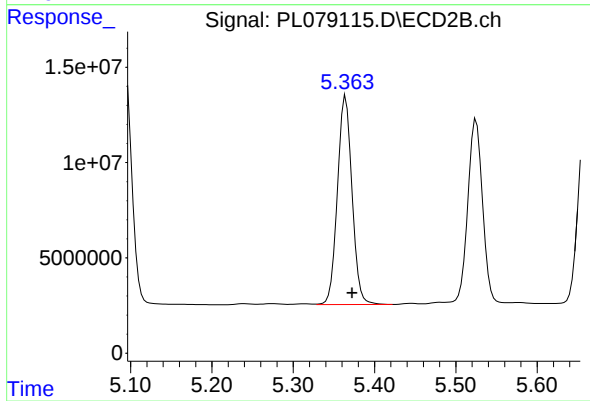
#13 Dieldrin

R.T.: 5.092 min  
Delta R.T.: -0.009 min  
Response: 153652949  
Conc: 51.86 ng/ml m



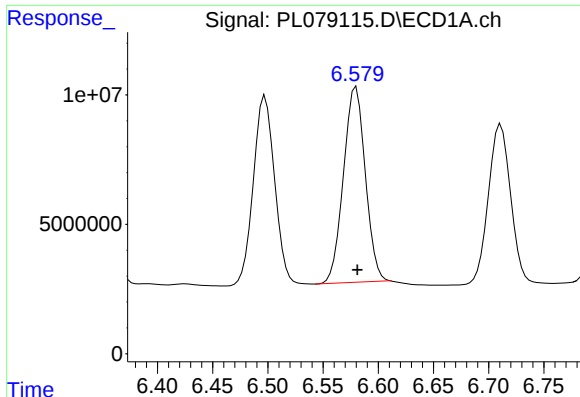
#14 Endrin

R.T.: 6.350 min  
Delta R.T.: -0.001 min  
Response: 107378288  
Conc: 56.58 ng/ml



#14 Endrin

R.T.: 5.365 min  
Delta R.T.: -0.008 min  
Response: 136475730  
Conc: 52.38 ng/ml



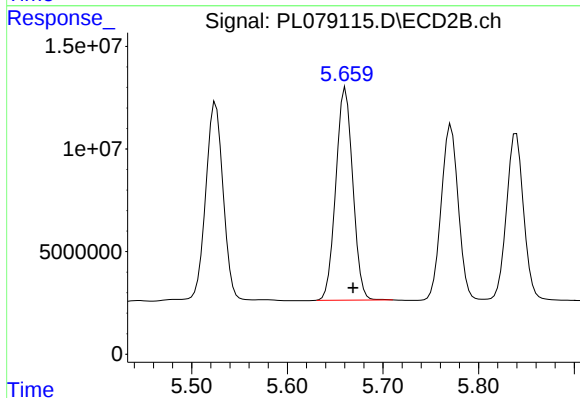
#15 Endosulfan II

R.T.: 6.580 min  
Delta R.T.: -0.001 min  
Response: 103993952  
Conc: 55.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

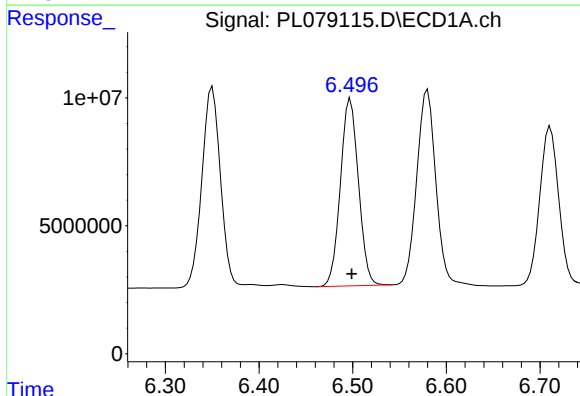
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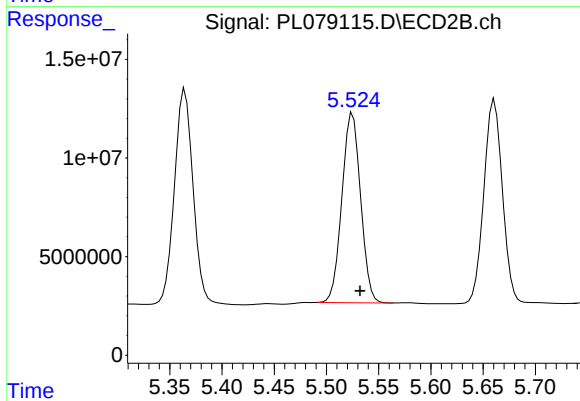
#15 Endosulfan II

R.T.: 5.661 min  
Delta R.T.: -0.008 min  
Response: 127404930  
Conc: 55.97 ng/ml



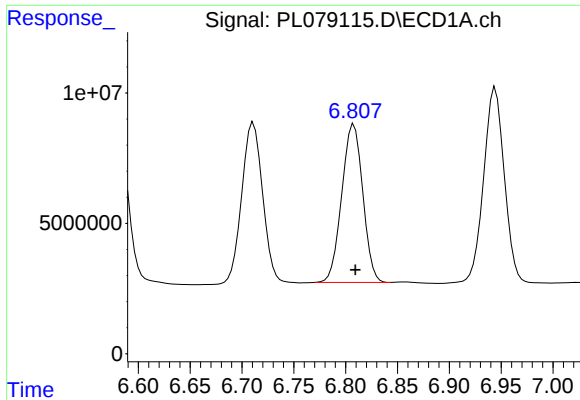
#16 4,4'-DDD

R.T.: 6.498 min  
Delta R.T.: -0.001 min  
Response: 98211297  
Conc: 58.91 ng/ml



#16 4,4'-DDD

R.T.: 5.524 min  
Delta R.T.: -0.009 min  
Response: 119937675  
Conc: 54.61 ng/ml m



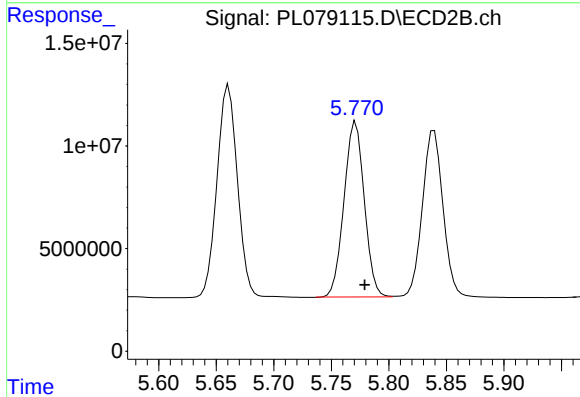
#17 4,4'-DDT

R.T.: 6.808 min  
Delta R.T.: -0.001 min  
Response: 85687563  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

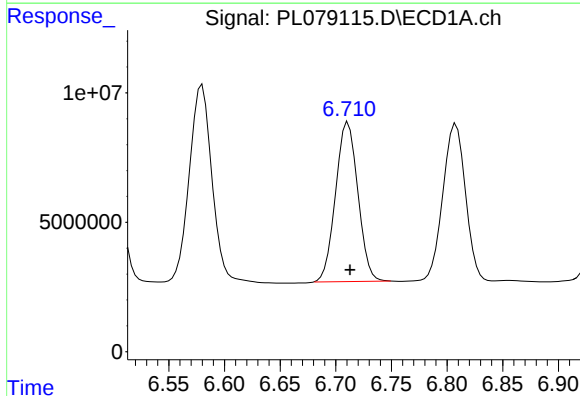
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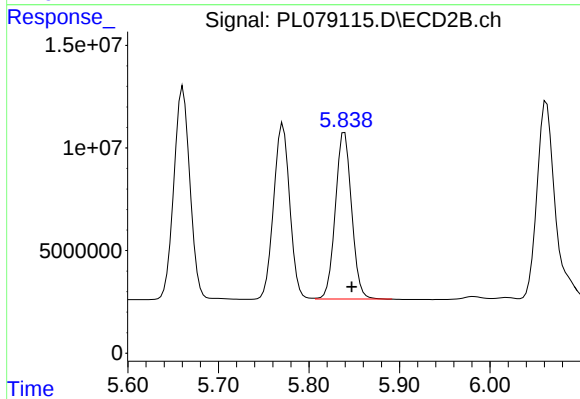
#17 4,4'-DDT

R.T.: 5.770 min  
Delta R.T.: -0.009 min  
Response: 105216366  
Conc: 48.51 ng/ml m



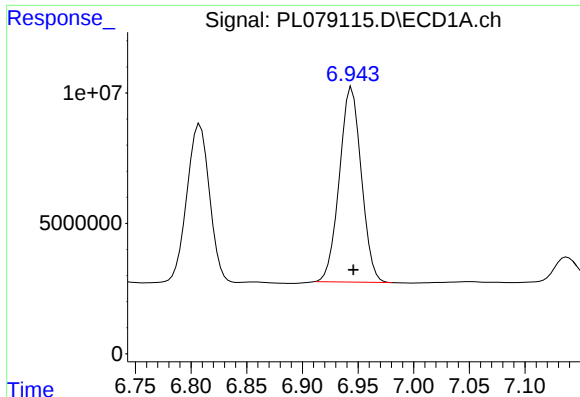
#18 Endrin aldehyde

R.T.: 6.711 min  
Delta R.T.: -0.002 min  
Response: 85958563  
Conc: 59.08 ng/ml



#18 Endrin aldehyde

R.T.: 5.838 min  
Delta R.T.: -0.009 min  
Response: 101067537  
Conc: 53.85 ng/ml m



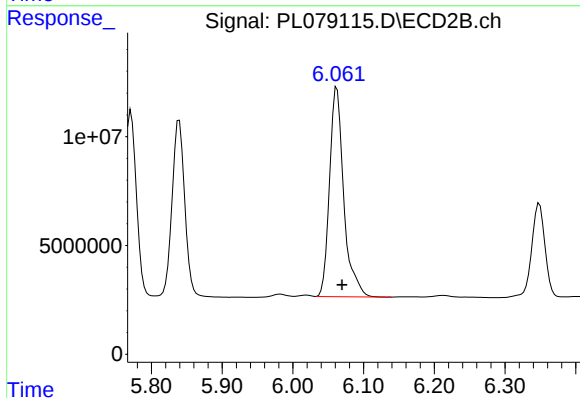
#19 Endosulfan Sulfate

R.T.: 6.944 min  
Delta R.T.: -0.001 min  
Response: 102304162  
Conc: 55.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

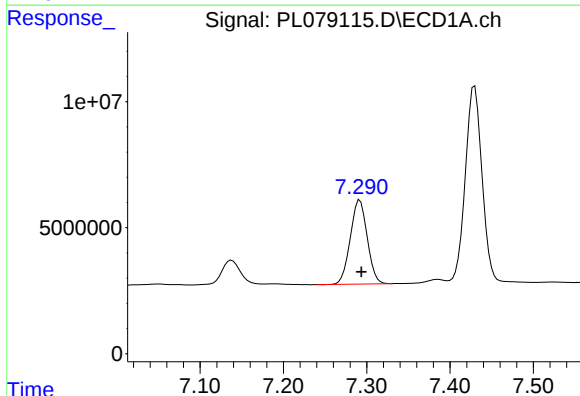
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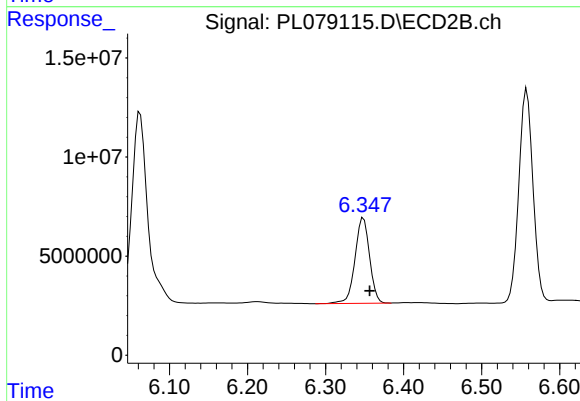
#19 Endosulfan Sulfate

R.T.: 6.062 min  
Delta R.T.: -0.007 min  
Response: 134241939  
Conc: 56.39 ng/ml



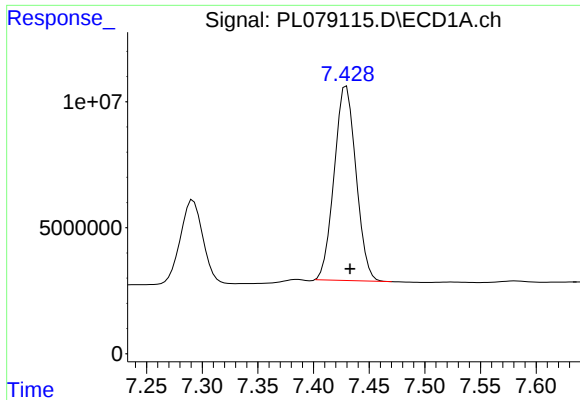
#20 Methoxychlor

R.T.: 7.292 min  
Delta R.T.: -0.002 min  
Response: 47103131  
Conc: 51.15 ng/ml



#20 Methoxychlor

R.T.: 6.349 min  
Delta R.T.: -0.008 min  
Response: 55906302  
Conc: 49.27 ng/ml



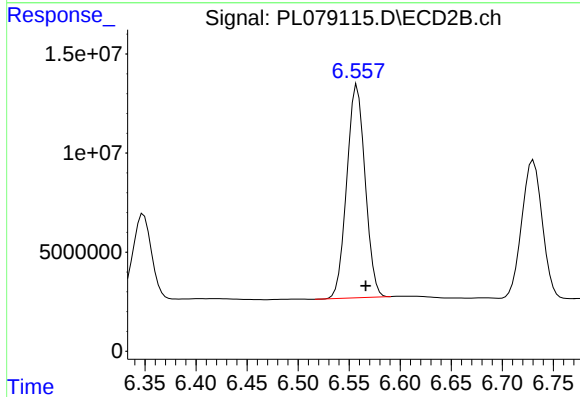
#21 Endrin ketone

R.T.: 7.430 min  
Delta R.T.: -0.003 min  
Response: 105188482  
Conc: 55.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

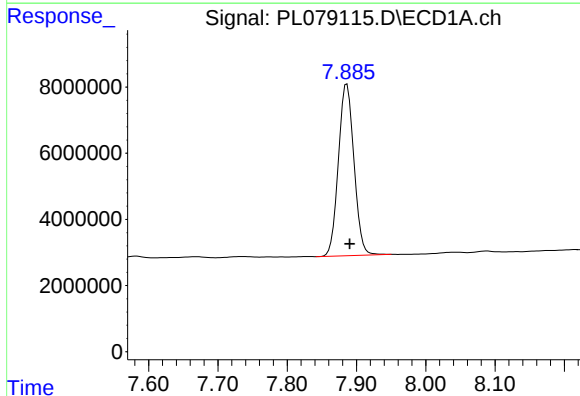
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/16/2022  
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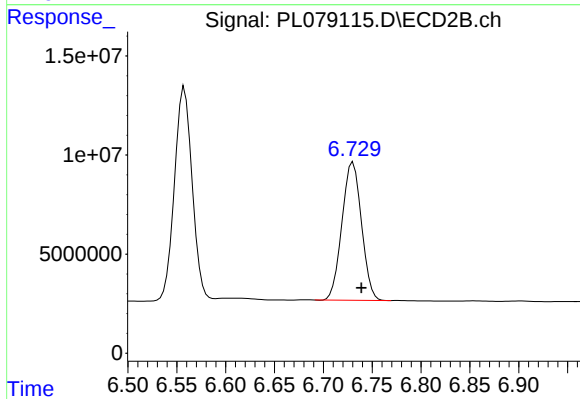
#21 Endrin ketone

R.T.: 6.558 min  
Delta R.T.: -0.008 min  
Response: 134315558  
Conc: 51.96 ng/ml



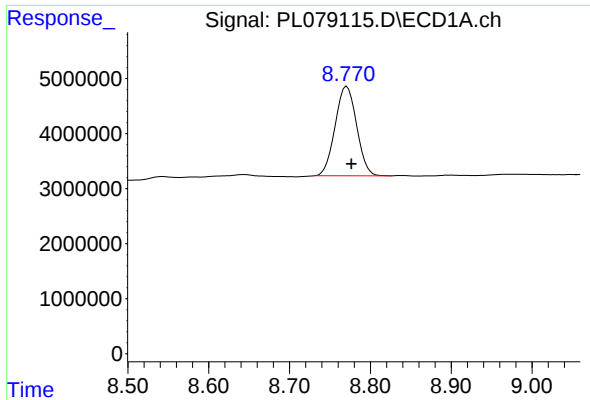
#22 Mirex

R.T.: 7.886 min  
Delta R.T.: -0.004 min  
Response: 80881241  
Conc: 55.41 ng/ml



#22 Mirex

R.T.: 6.730 min  
Delta R.T.: -0.009 min  
Response: 97079750  
Conc: 49.33 ng/ml



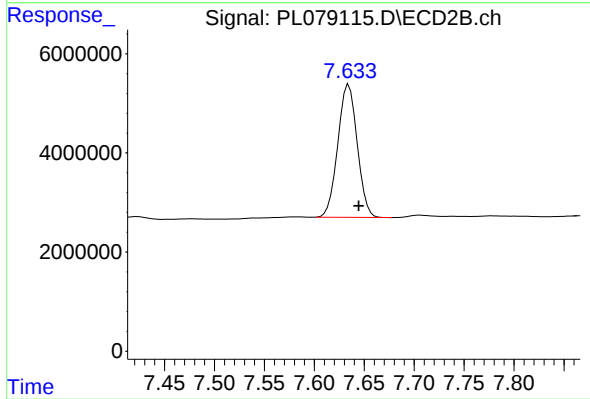
#28 Decachlorobiphenyl

R.T.: 8.771 min  
Delta R.T.: -0.006 min  
Response: 30003450  
Conc: 19.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
NP-1MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/16/2022  
Supervised By :Ankita Jodhani 11/16/2022



#28 Decachlorobiphenyl

R.T.: 7.635 min  
Delta R.T.: -0.010 min  
Response: 36288860  
Conc: 19.16 ng/ml