

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041420\  
 Data File : PL057975.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Apr 2020 18:48  
 Operator : AJ\MA  
 Sample : L2115-08MSD  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CL-01-041020MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 15 01:15:36 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 2020  
 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... | 3.458 | 3.956 | 202.7E6 | 44179722 | 20.105  | 20.358 |
| 28)                         | SA Decachlor... | 8.203 | 8.978 | 170.6E6 | 40914664 | 16.546  | 18.316 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.894 | 4.344 | 960.6E6 | 185.0E6  | 55.299  | 56.325 |
| 3)                          | MA gamma-BHC... | 4.178 | 4.626 | 868.6E6 | 177.9E6  | 59.755  | 54.761 |
| 4)                          | MA Heptachlor   | 4.478 | 5.127 | 905.5E6 | 183.6E6  | 56.484  | 54.710 |
| 5)                          | MB Aldrin       | 4.725 | 5.429 | 853.2E6 | 177.7E6  | 57.942  | 54.890 |
| 6)                          | B beta-BHC      | 4.429 | 4.799 | 381.9E6 | 81793367 | 60.475  | 58.904 |
| 7)                          | B delta-BHC     | 4.633 | 5.012 | 865.5E6 | 142.8E6  | 57.028  | 56.839 |
| 8)                          | B Heptachlo...  | 5.168 | 5.813 | 782.3E6 | 160.6E6  | 58.206  | 59.465 |
| 9)                          | A Endosulfan I  | 5.506 | 6.168 | 714.1E6 | 163.1E6  | 58.260  | 54.710 |
| 10)                         | B gamma-Chl...  | 5.394 | 6.047 | 781.0E6 | 177.0E6  | 57.503  | 54.646 |
| 11)                         | B alpha-Chl...  | 5.452 | 6.119 | 745.5E6 | 174.5E6  | 55.983  | 53.326 |
| 12)                         | B 4,4'-DDE      | 5.616 | 6.278 | 744.1E6 | 161.9E6  | 56.803  | 54.679 |
| 13)                         | MA Dieldrin     | 5.749 | 6.424 | 761.2E6 | 168.3E6  | 58.510  | 55.066 |
| 14)                         | MA Endrin       | 6.006 | 6.640 | 654.0E6 | 133.1E6  | 56.028  | 53.267 |
| 15)                         | B Endosulfa...  | 6.280 | 6.851 | 597.6E6 | 133.5E6  | 54.027  | 51.457 |
| 16)                         | A 4,4'-DDD      | 6.131 | 6.766 | 588.5E6 | 130.6E6  | 58.879m | 57.240 |
| 17)                         | MA 4,4'-DDT     | 6.372 | 7.063 | 516.0E6 | 108.7E6  | 50.838  | 48.815 |
| 18)                         | B Endrin al...  | 6.447 | 6.974 | 510.7E6 | 116.2E6  | 54.623  | 52.313 |
| 19)                         | B Endosulfa...  | 6.660 | 7.197 | 573.6E6 | 127.7E6  | 56.460  | 53.833 |
| 20)                         | A Methoxychlor  | 6.917 | 7.523 | 255.8E6 | 59777775 | 46.400  | 46.994 |
| 21)                         | B Endrin ke...  | 7.150 | 7.665 | 631.9E6 | 137.0E6  | 56.756  | 55.410 |
| 22)                         | Mirex           | 7.338 | 8.114 | 424.0E6 | 96417331 | 51.721  | 52.440 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041420\  
Data File : PL057975.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Apr 2020 18:48  
Operator : AJ\MA  
Sample : L2115-08MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

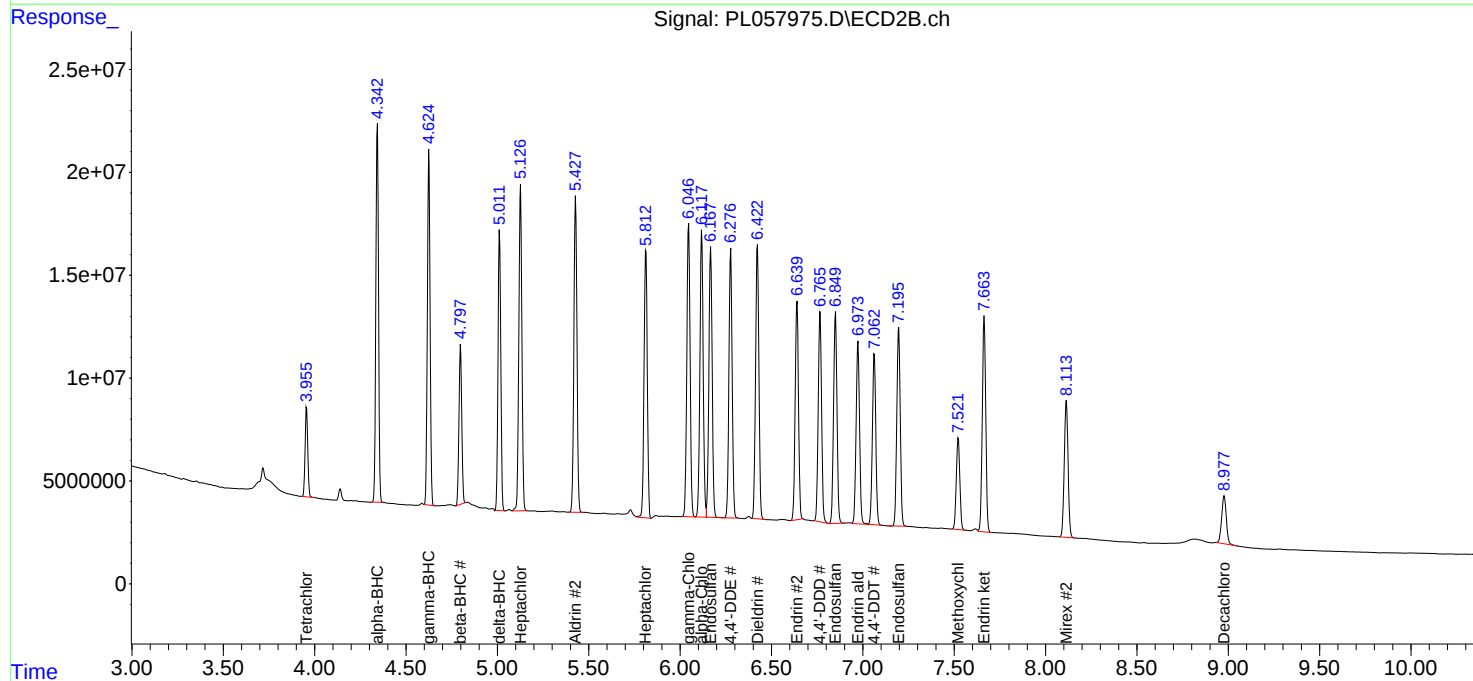
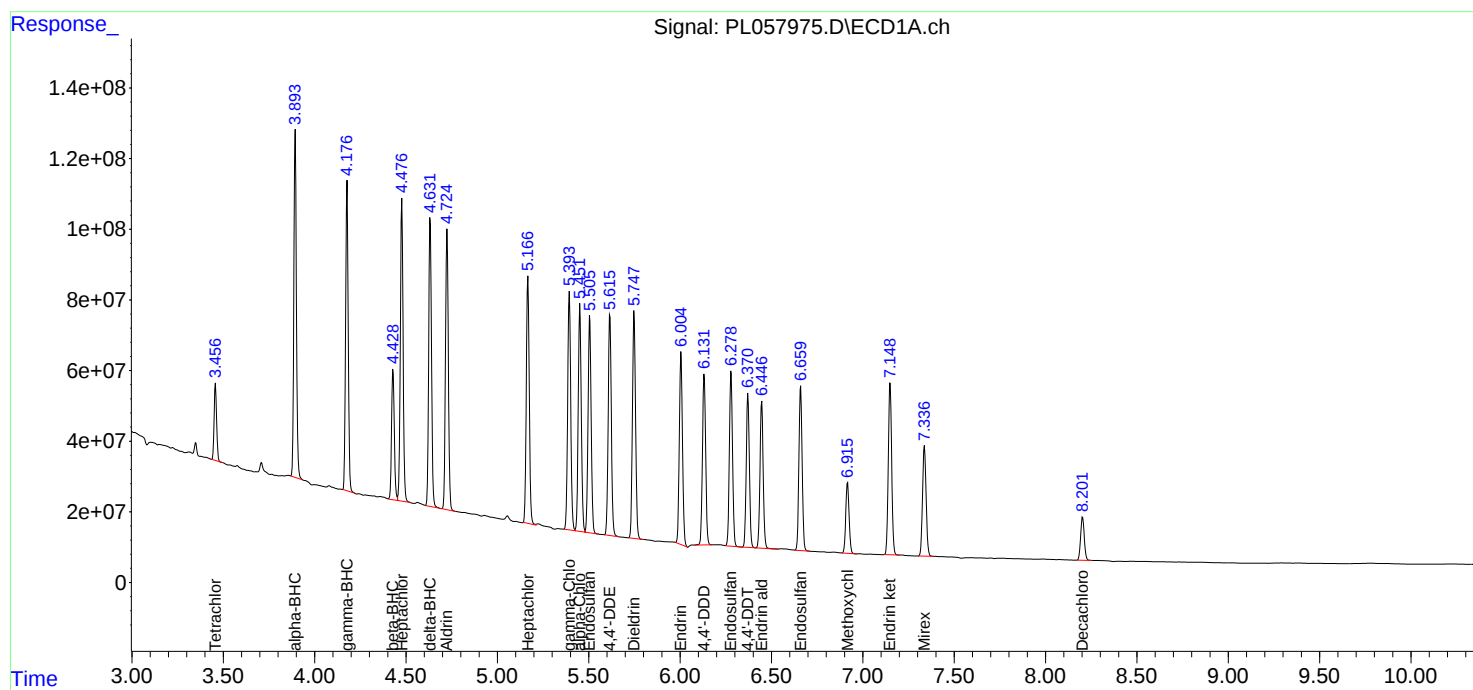
Instrument :  
ECD\_L  
ClientSampled :  
CL-01-041020MSD

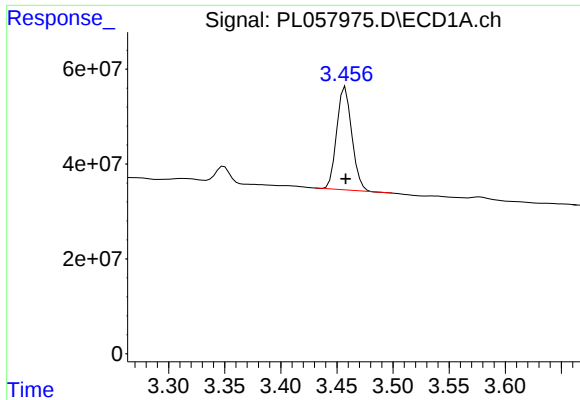
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 15 01:15:36 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 2020  
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





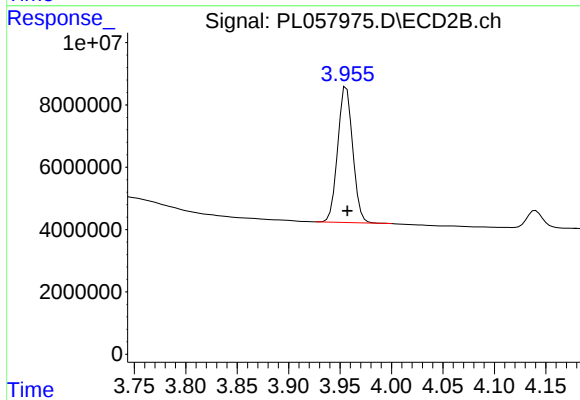
#1 Tetrachloro-m-xylene

R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 202679788  
Conc: 20.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

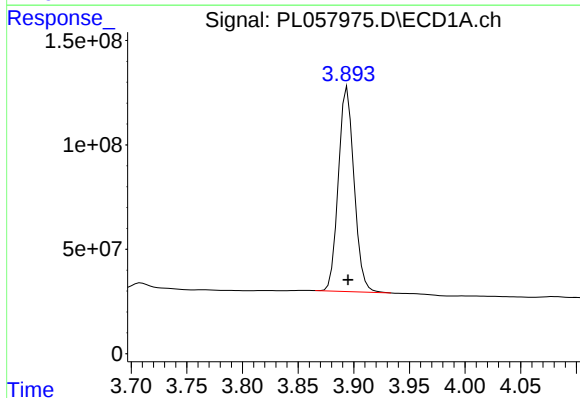
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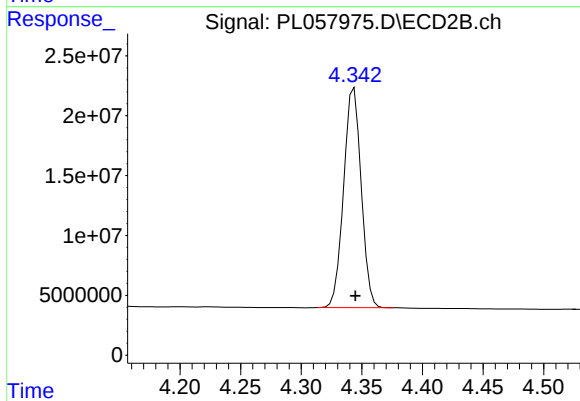
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: -0.001 min  
Response: 44179722  
Conc: 20.36 ng/ml



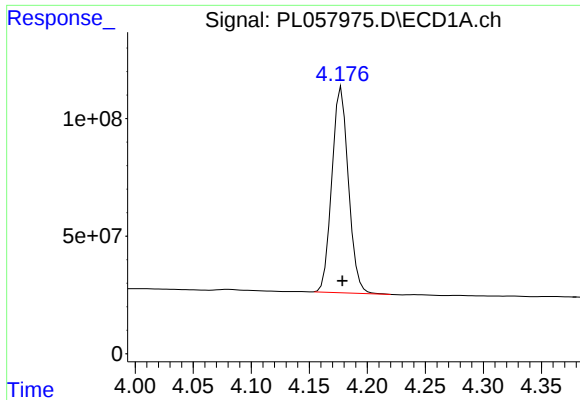
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 960644114  
Conc: 55.30 ng/ml



#2 alpha-BHC

R.T.: 4.344 min  
Delta R.T.: -0.001 min  
Response: 184950932  
Conc: 56.32 ng/ml



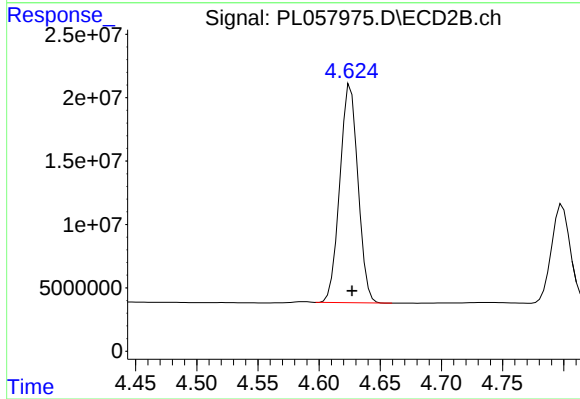
#3 gamma-BHC (Lindane)

R.T.: 4.178 min  
Delta R.T.: -0.001 min  
Response: 868551093  
Conc: 59.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

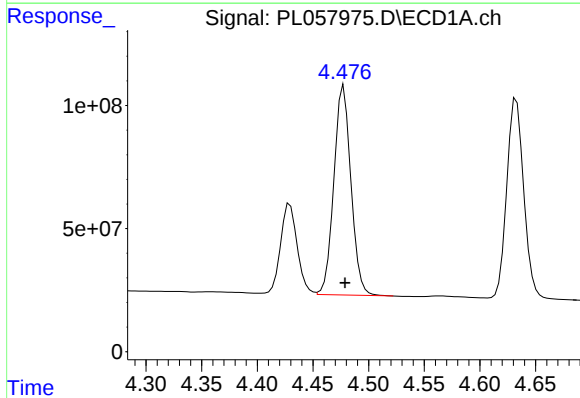
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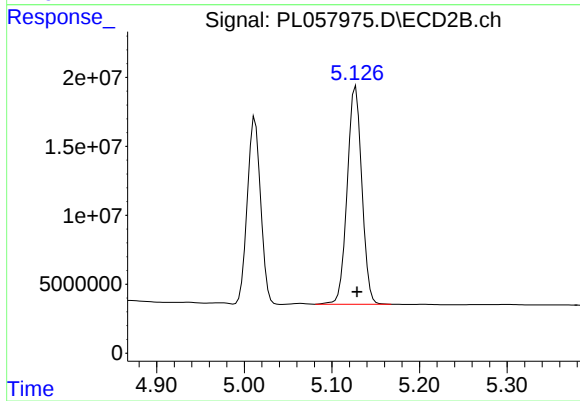
#3 gamma-BHC (Lindane)

R.T.: 4.626 min  
Delta R.T.: -0.001 min  
Response: 177896248  
Conc: 54.76 ng/ml



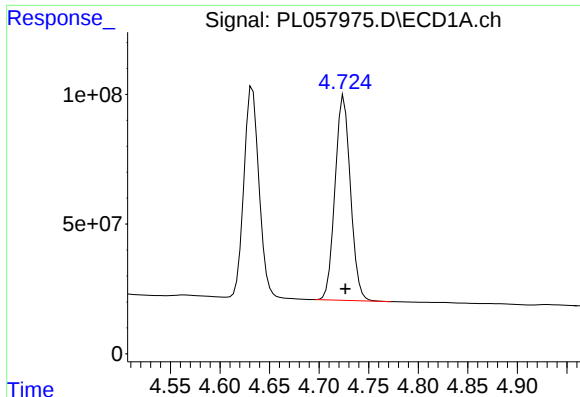
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: -0.001 min  
Response: 905459836  
Conc: 56.48 ng/ml



#4 Heptachlor

R.T.: 5.127 min  
Delta R.T.: -0.002 min  
Response: 183616117  
Conc: 54.71 ng/ml



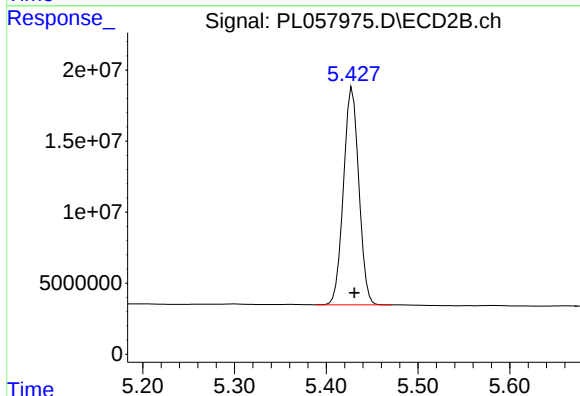
#5 Aldrin

R.T.: 4.725 min  
Delta R.T.: -0.001 min  
Response: 853192587  
Conc: 57.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

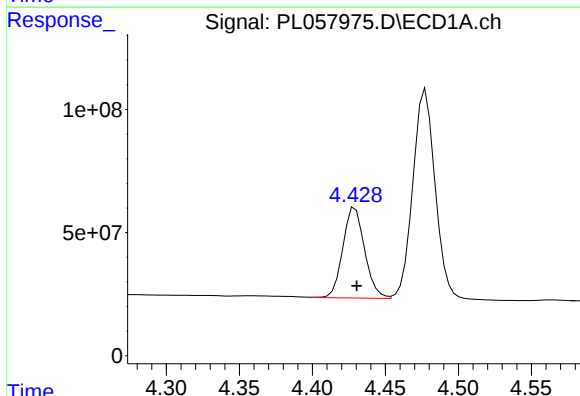
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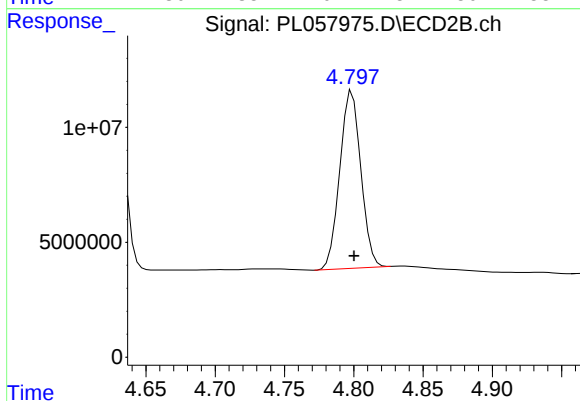
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: -0.002 min  
Response: 177745274  
Conc: 54.89 ng/ml



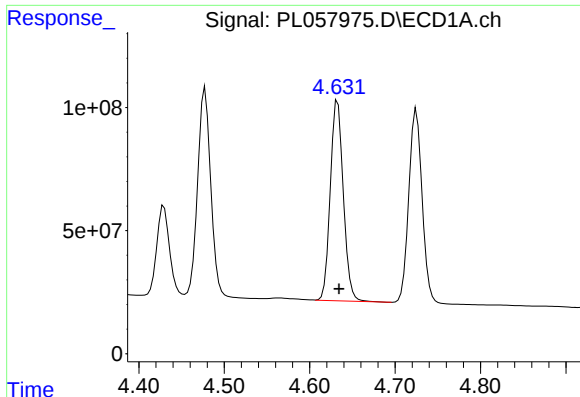
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: -0.001 min  
Response: 381916858  
Conc: 60.48 ng/ml



#6 beta-BHC

R.T.: 4.799 min  
Delta R.T.: -0.002 min  
Response: 81793367  
Conc: 58.90 ng/ml



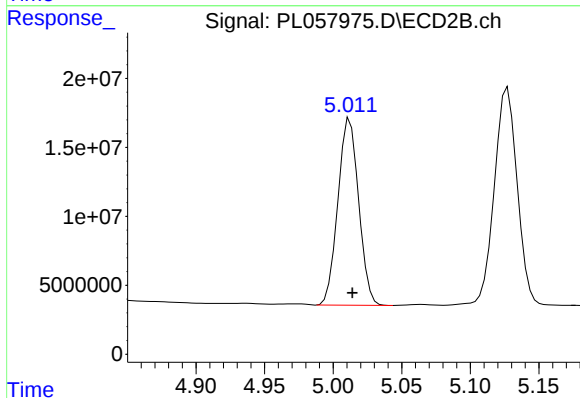
#7 delta-BHC

R.T.: 4.633 min  
Delta R.T.: -0.002 min  
Response: 865472686  
Conc: 57.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

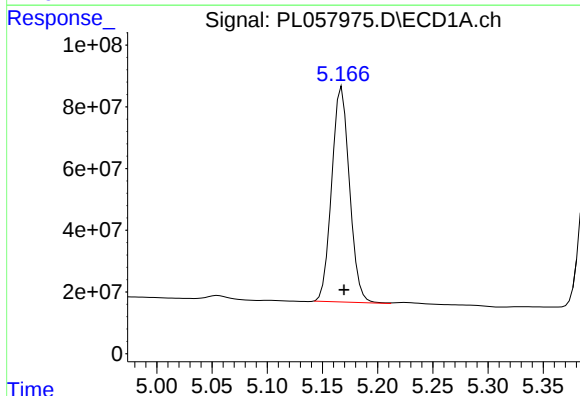
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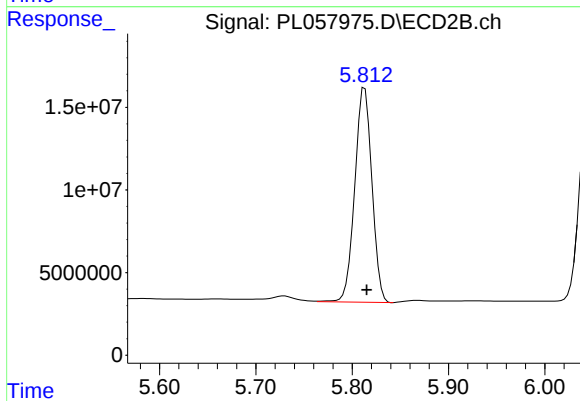
#7 delta-BHC

R.T.: 5.012 min  
Delta R.T.: -0.002 min  
Response: 142828602  
Conc: 56.84 ng/ml



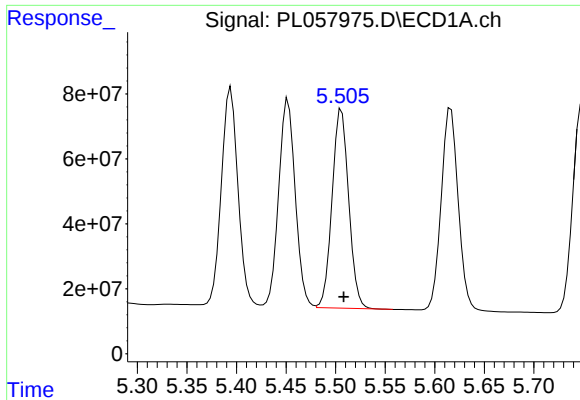
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: -0.002 min  
Response: 782287082  
Conc: 58.21 ng/ml



#8 Heptachlor epoxide

R.T.: 5.813 min  
Delta R.T.: -0.002 min  
Response: 160574138  
Conc: 59.46 ng/ml



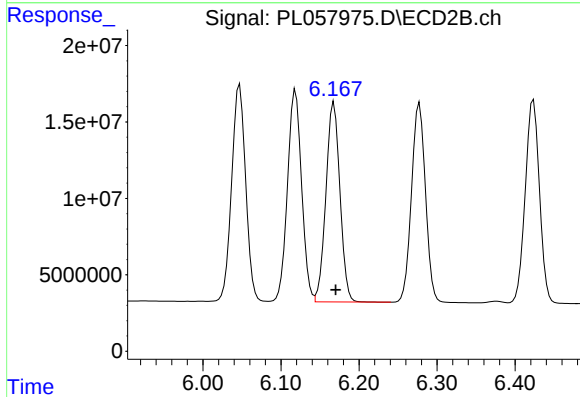
#9 Endosulfan I

R.T.: 5.506 min  
Delta R.T.: -0.002 min  
Response: 714073712  
Conc: 58.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

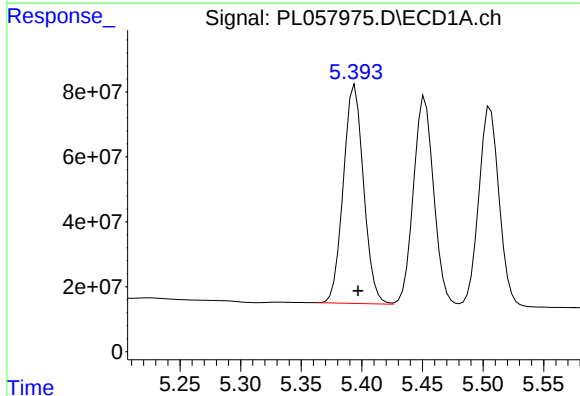
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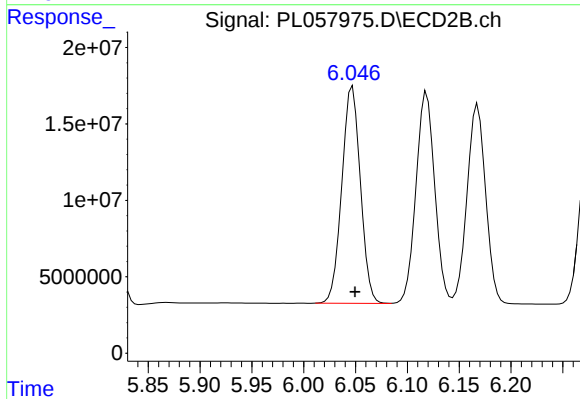
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 163132530  
Conc: 54.71 ng/ml



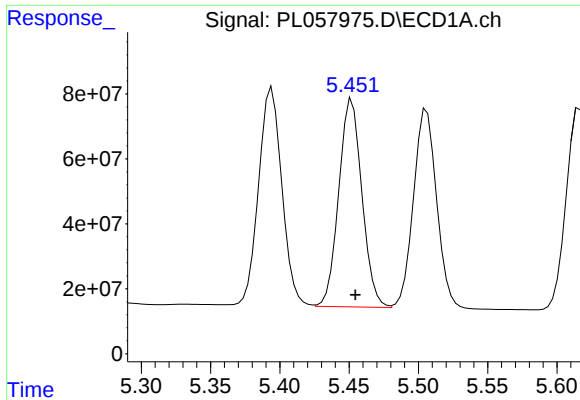
#10 gamma-Chlordane

R.T.: 5.394 min  
Delta R.T.: -0.003 min  
Response: 780960196  
Conc: 57.50 ng/ml



#10 gamma-Chlordane

R.T.: 6.047 min  
Delta R.T.: -0.002 min  
Response: 177047181  
Conc: 54.65 ng/ml



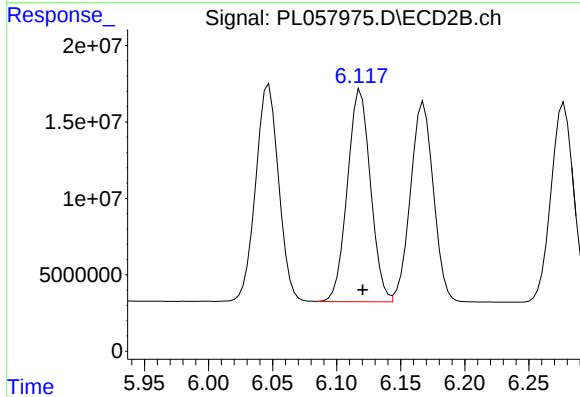
#11 alpha-Chlordane

R.T.: 5.452 min  
Delta R.T.: -0.002 min  
Response: 745454336  
Conc: 55.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

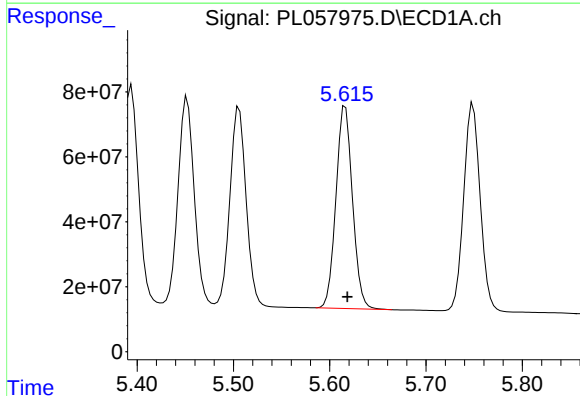
Manual Integrations  
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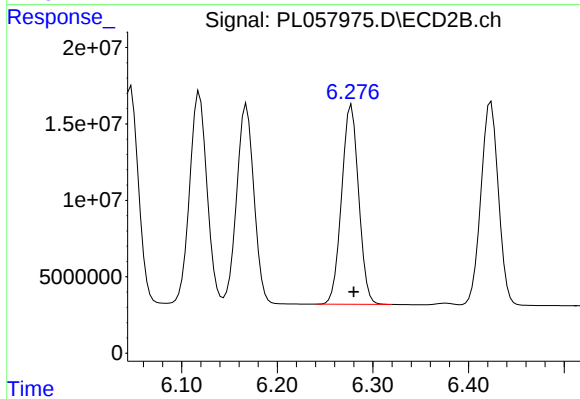
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 174502390  
Conc: 53.33 ng/ml



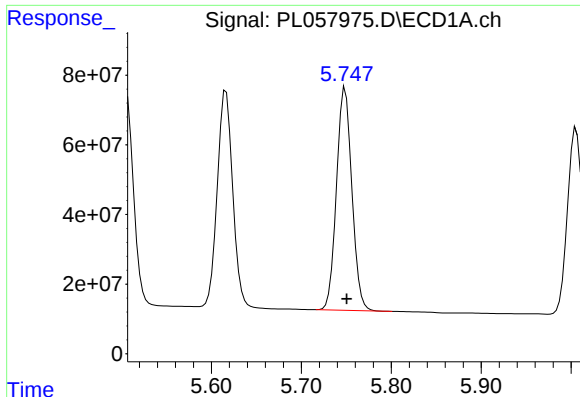
#12 4,4'-DDE

R.T.: 5.616 min  
Delta R.T.: -0.002 min  
Response: 744120095  
Conc: 56.80 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: -0.003 min  
Response: 161884772  
Conc: 54.68 ng/ml



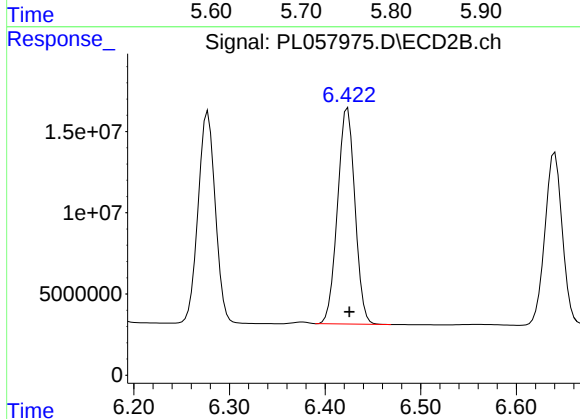
#13 Dieldrin

R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 761150971  
Conc: 58.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

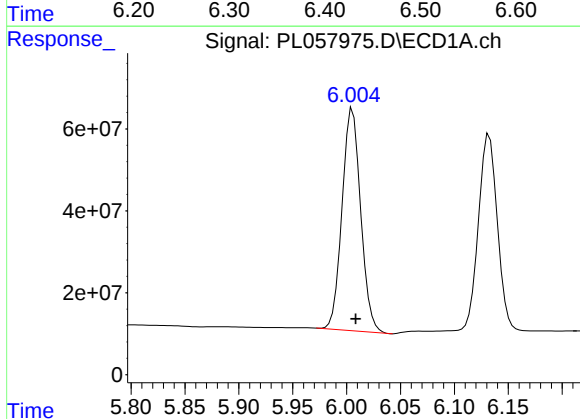
Manual Integrations  
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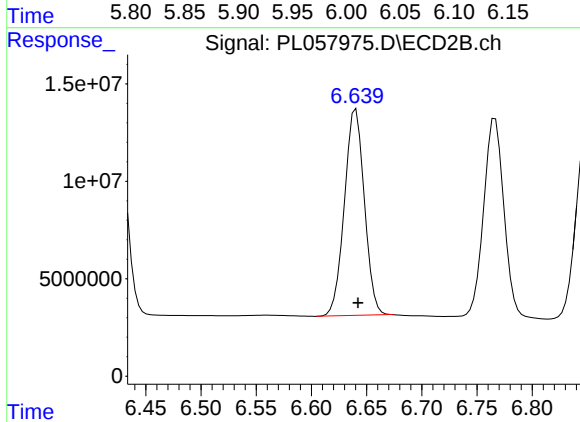
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: -0.002 min  
Response: 168263122  
Conc: 55.07 ng/ml



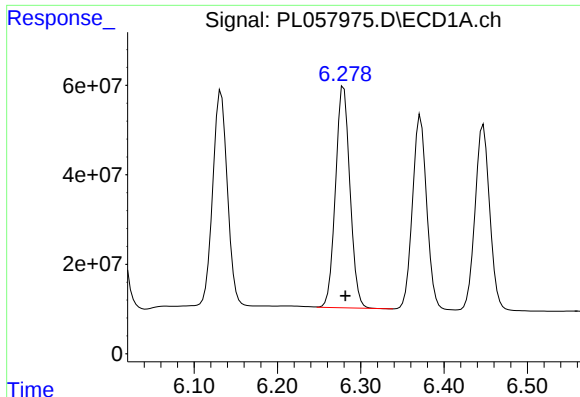
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: -0.003 min  
Response: 654005283  
Conc: 56.03 ng/ml



#14 Endrin

R.T.: 6.640 min  
Delta R.T.: -0.002 min  
Response: 133088628  
Conc: 53.27 ng/ml



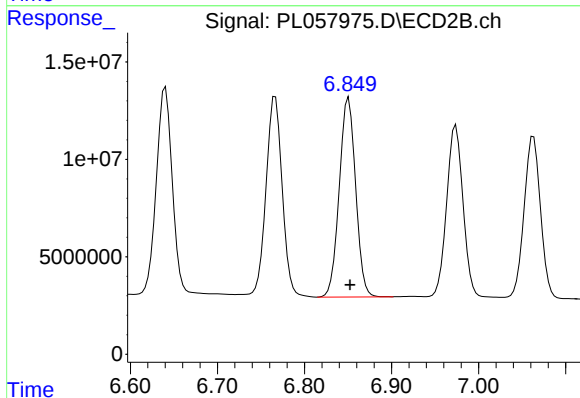
#15 Endosulfan II

R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 597649723  
Conc: 54.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

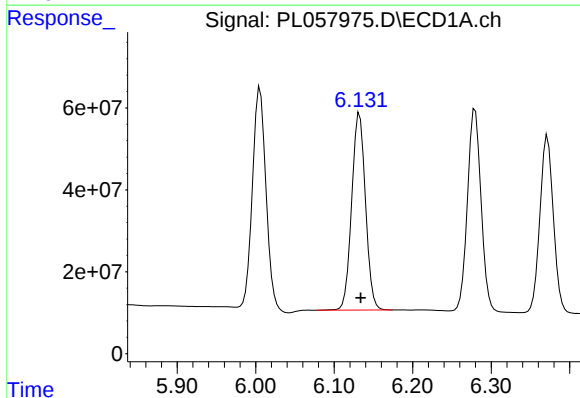
Manual Integrations  
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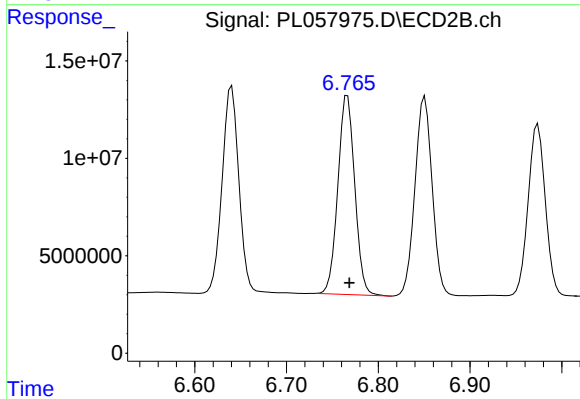
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 133460526  
Conc: 51.46 ng/ml



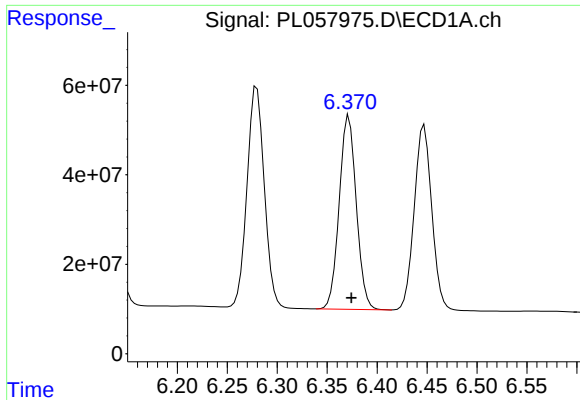
#16 4,4'-DDD

R.T.: 6.131 min  
Delta R.T.: -0.003 min  
Response: 588464527  
Conc: 58.88 ng/ml m



#16 4,4'-DDD

R.T.: 6.766 min  
Delta R.T.: -0.002 min  
Response: 130631880  
Conc: 57.24 ng/ml



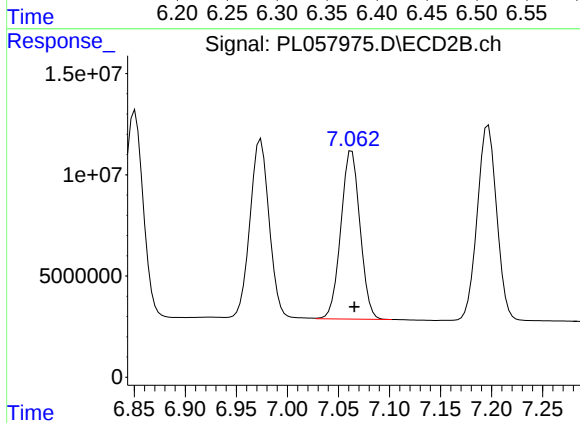
#17 4,4'-DDT

R.T.: 6.372 min  
Delta R.T.: -0.002 min  
Response: 515977741  
Conc: 50.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

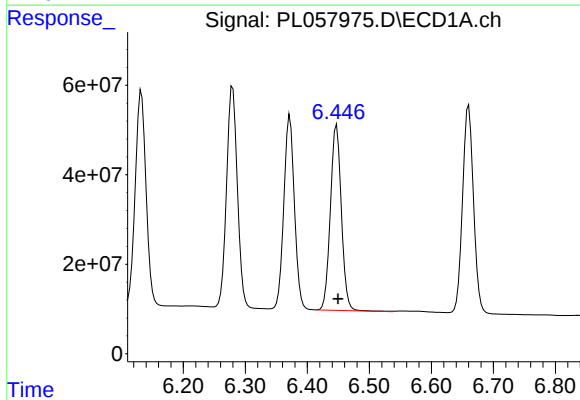
Manual Integrations  
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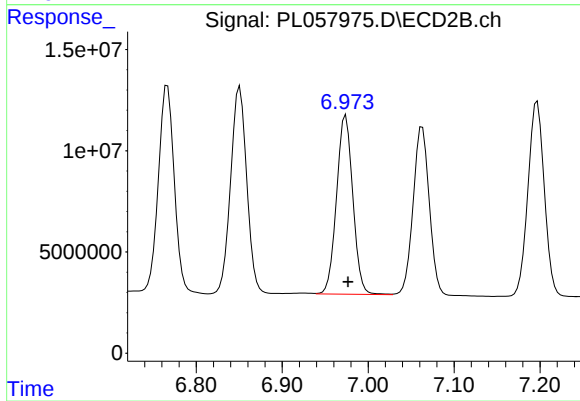
#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: -0.002 min  
Response: 108728791  
Conc: 48.81 ng/ml



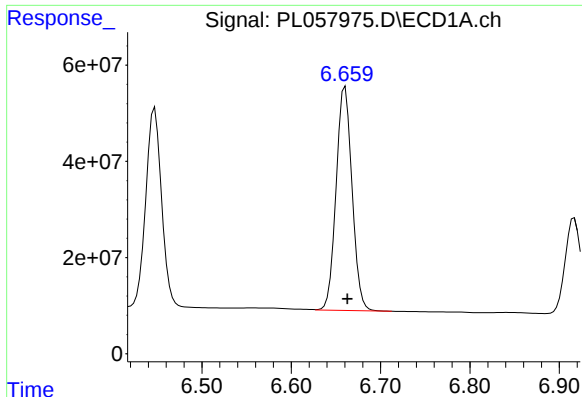
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.003 min  
Response: 510707275  
Conc: 54.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min  
Delta R.T.: -0.003 min  
Response: 116220822  
Conc: 52.31 ng/ml



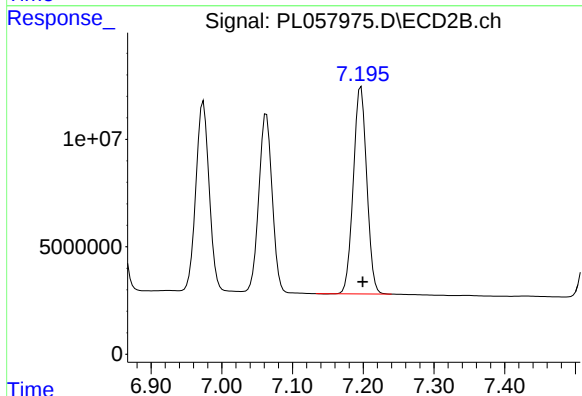
#19 Endosulfan Sulfate

R.T.: 6.660 min  
Delta R.T.: -0.003 min  
Response: 573611213  
Conc: 56.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

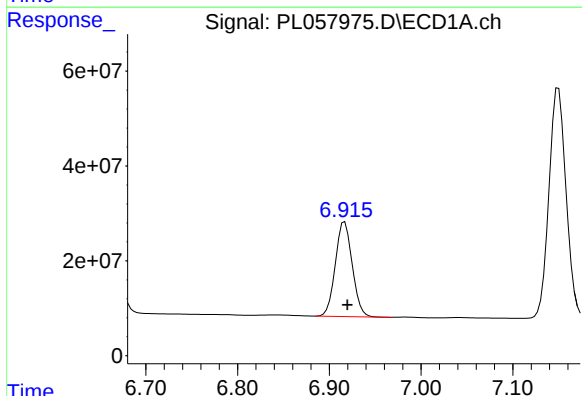
Manual Integrations  
APPROVED

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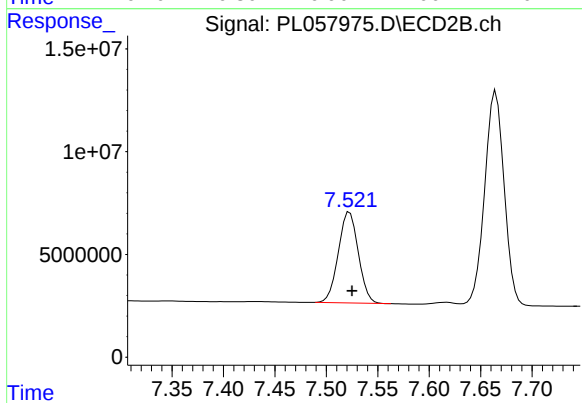
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: -0.003 min  
Response: 127746399  
Conc: 53.83 ng/ml



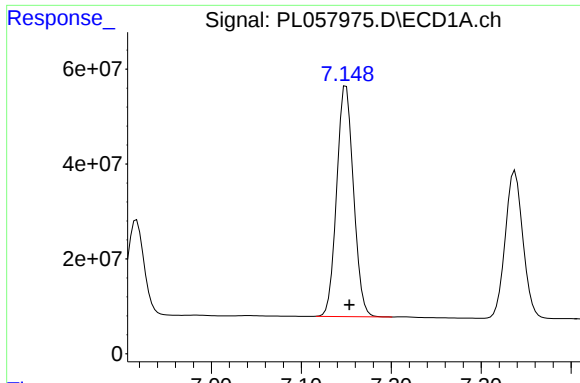
#20 Methoxychlor

R.T.: 6.917 min  
Delta R.T.: -0.003 min  
Response: 255784445  
Conc: 46.40 ng/ml



#20 Methoxychlor

R.T.: 7.523 min  
Delta R.T.: -0.002 min  
Response: 59777775  
Conc: 46.99 ng/ml



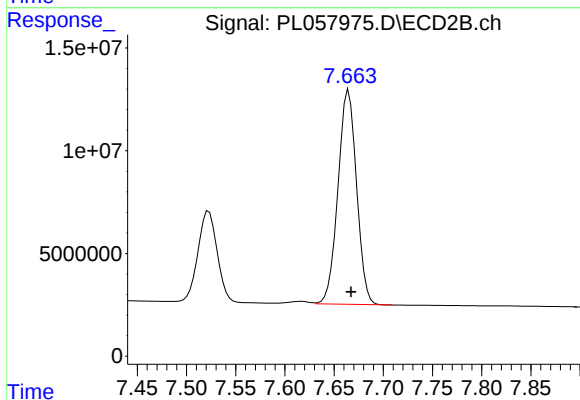
#21 Endrin ketone

R.T.: 7.150 min  
Delta R.T.: -0.004 min  
Response: 631854442  
Conc: 56.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

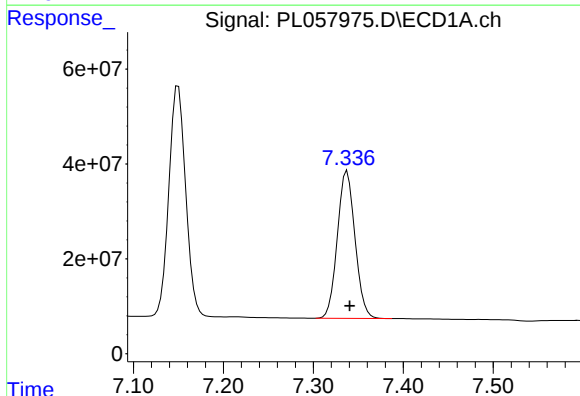
Manual Integrations  
APPROVED

mohammad  
4/15/2020 3:31:20 PM



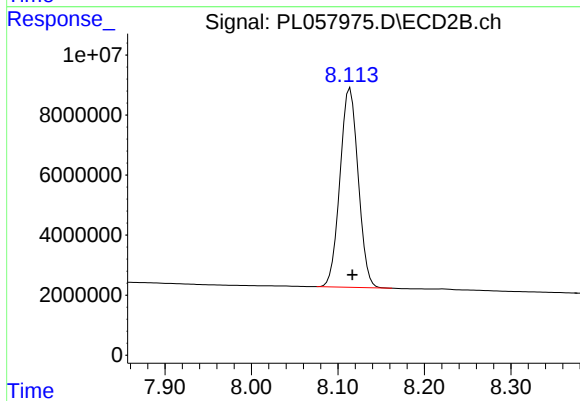
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 136973539  
Conc: 55.41 ng/ml



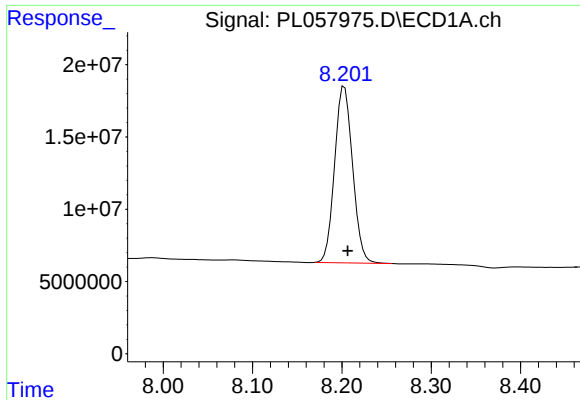
#22 Mirex

R.T.: 7.338 min  
Delta R.T.: -0.003 min  
Response: 423968886  
Conc: 51.72 ng/ml



#22 Mirex

R.T.: 8.114 min  
Delta R.T.: -0.003 min  
Response: 96417331  
Conc: 52.44 ng/ml



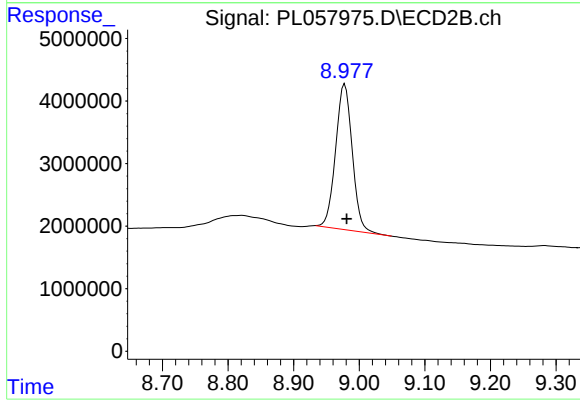
#28 Decachlorobiphenyl

R.T.: 8.203 min  
Delta R.T.: -0.004 min  
Response: 170569055  
Conc: 16.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-041020MSD

Manual Integrations  
APPROVED

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4/15/2020 3:31:20 PM



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.003 min  
Response: 40914664  
Conc: 18.32 ng/ml